



FCC SAR TEST REPORT

Report No. : FA4N0920C

10	256QAM	25	25	19.12	19.06	18.99	Tune-up limit (dBm)
10	256QAM	50	0	19.04	19.05	18.99	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.38	24.25	24.13	25.3
5	QPSK	1	12	24.13	23.92	23.93	
5	QPSK	1	24	24.08	24.09	23.95	
5	QPSK	12	0	23.28	23.16	23.09	24.3
5	QPSK	12	7	23.25	23.16	23.18	
5	QPSK	12	13	23.17	23.17	23.14	
5	QPSK	25	0	23.13	23.17	23.25	
5	16QAM	1	0	23.55	23.63	23.50	24.3
5	16QAM	1	12	23.41	23.36	23.39	
5	16QAM	1	24	23.40	23.18	23.28	
5	16QAM	12	0	22.32	22.28	22.16	23.3
5	16QAM	12	7	22.13	22.26	22.14	
5	16QAM	12	13	22.23	22.02	22.07	
5	16QAM	25	0	22.26	22.26	22.07	
5	64QAM	1	0	22.28	22.39	22.29	23.3
5	64QAM	1	12	22.31	22.40	22.21	
5	64QAM	1	24	22.40	22.25	22.12	
5	64QAM	12	0	21.24	21.18	21.04	22.3
5	64QAM	12	7	21.17	21.17	21.09	
5	64QAM	12	13	21.23	21.09	20.92	
5	64QAM	25	0	21.10	21.14	21.04	
5	256QAM	1	0	19.30	19.26	19.22	20.3
5	256QAM	1	12	19.34	19.38	19.19	
5	256QAM	1	24	19.13	19.32	19.19	
5	256QAM	12	0	19.18	19.17	19.09	20.3
5	256QAM	12	7	19.11	19.16	19.03	
5	256QAM	12	13	19.06	19.15	19.10	
5	256QAM	25	0	19.15	19.04	19.01	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.45	24.15	24.08	25.3
3	QPSK	1	8	24.20	24.05	23.96	
3	QPSK	1	14	24.25	24.02	24.05	
3	QPSK	8	0	23.19	23.12	23.11	24.3
3	QPSK	8	4	23.32	23.19	23.05	
3	QPSK	8	7	23.20	23.14	23.11	
3	QPSK	15	0	23.29	23.14	23.15	
3	16QAM	1	0	23.72	23.50	23.45	24.3
3	16QAM	1	8	23.45	23.38	23.48	
3	16QAM	1	14	23.34	23.33	23.21	
3	16QAM	8	0	22.20	22.16	22.16	23.3
3	16QAM	8	4	22.22	22.14	22.10	
3	16QAM	8	7	22.11	22.10	22.02	
3	16QAM	15	0	22.22	22.14	22.22	
3	64QAM	1	0	22.37	22.35	22.35	23.3
3	64QAM	1	8	22.38	22.28	22.10	
3	64QAM	1	14	22.32	22.32	22.26	
3	64QAM	8	0	21.32	21.20	21.17	22.3
3	64QAM	8	4	21.20	21.21	21.07	
3	64QAM	8	7	21.07	21.04	21.09	
3	64QAM	15	0	21.15	20.97	21.12	
3	256QAM	1	0	19.39	19.39	19.30	20.3
3	256QAM	1	8	19.38	19.34	19.35	
3	256QAM	1	14	19.21	19.18	19.18	
3	256QAM	8	0	19.14	19.20	19.20	20.3
3	256QAM	8	4	19.15	19.03	19.08	
3	256QAM	8	7	19.02	19.23	19.05	
3	256QAM	15	0	19.13	19.17	19.00	
Channel				26697	26865	27033	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.31	24.34	24.23	25.3
1.4	QPSK	1	3	24.06	23.89	23.89	
1.4	QPSK	1	5	24.21	24.03	24.02	
1.4	QPSK	3	0	24.28	24.22	24.16	
1.4	QPSK	3	1	24.19	23.85	23.92	
1.4	QPSK	3	3	24.15	24.07	23.91	
1.4	QPSK	6	0	23.16	23.28	23.23	24.3
1.4	16QAM	1	0	23.32	23.27	23.19	24.3
1.4	16QAM	1	3	23.20	23.20	23.12	
1.4	16QAM	1	5	23.20	23.26	23.11	
1.4	16QAM	3	0	23.71	23.55	23.55	
1.4	16QAM	3	1	23.46	23.41	23.48	
1.4	16QAM	3	3	23.43	23.18	23.24	
1.4	16QAM	6	0	22.22	22.13	22.16	23.3
1.4	64QAM	1	0	22.09	22.23	22.12	23.3
1.4	64QAM	1	3	22.19	22.19	22.16	
1.4	64QAM	1	5	22.21	22.18	22.10	
1.4	64QAM	3	0	22.44	22.48	22.33	
1.4	64QAM	3	1	22.31	22.35	22.22	
1.4	64QAM	3	3	22.32	22.30	22.22	
1.4	64QAM	6	0	21.16	21.18	21.14	22.3
1.4	256QAM	1	0	19.48	19.39	19.39	20.3
1.4	256QAM	1	3	19.20	19.26	19.25	
1.4	256QAM	1	5	19.23	19.23	19.15	
1.4	256QAM	3	0	19.21	19.16	19.19	
1.4	256QAM	3	1	19.15	19.01	19.09	
1.4	256QAM	3	3	19.07	19.06	19.13	
1.4	256QAM	6	0	19.02	19.16	19.00	20.3



<LTE Band 30_Ant 2_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.82		24.7
10	QPSK	1	25		23.80		
10	QPSK	1	49		23.76		
10	QPSK	25	0		22.79		23.7
10	QPSK	25	12		22.76		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.77		23.7
10	16QAM	1	0		22.87		
10	16QAM	1	25		22.91		
10	16QAM	1	49		23.05		22.7
10	16QAM	25	0		21.80		
10	16QAM	25	12		21.76		
10	16QAM	25	25		21.77		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		21.97		
10	64QAM	1	25		22.07		22.7
10	64QAM	1	49		22.03		
10	64QAM	25	0		20.75		
10	64QAM	25	12		20.79		21.7
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.79		
10	256QAM	1	0		18.87		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.72		
10	256QAM	25	0		18.70		19.7
10	256QAM	25	12		18.72		
10	256QAM	25	25		18.76		
10	256QAM	50	0		18.66		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.80	23.79	23.66	24.7
5	QPSK	1	12	23.74	23.68	23.69	
5	QPSK	1	24	23.67	23.74	23.58	
5	QPSK	12	0	22.71	22.78	22.71	23.7
5	QPSK	12	7	22.57	22.63	22.58	
5	QPSK	12	13	22.57	22.65	22.68	
5	QPSK	25	0	22.67	22.62	22.61	23.7
5	16QAM	1	0	22.75	22.77	22.70	
5	16QAM	1	12	22.80	22.87	22.88	
5	16QAM	1	24	22.94	23.05	22.99	22.7
5	16QAM	12	0	21.63	21.60	21.62	
5	16QAM	12	7	21.62	21.62	21.72	
5	16QAM	12	13	21.63	21.68	21.76	22.7
5	16QAM	25	0	21.56	21.67	21.73	
5	64QAM	1	0	21.92	21.83	21.88	
5	64QAM	1	12	22.03	21.94	21.95	22.7
5	64QAM	1	24	21.85	21.91	21.98	
5	64QAM	12	0	20.66	20.64	20.64	
5	64QAM	12	7	20.74	20.59	20.77	21.7
5	64QAM	12	13	20.63	20.66	20.74	
5	64QAM	25	0	20.62	20.76	20.65	
5	256QAM	1	0	18.81	18.79	18.85	19.7
5	256QAM	1	12	18.71	18.74	18.74	
5	256QAM	1	24	18.70	18.62	18.71	
5	256QAM	12	0	18.69	18.65	18.58	19.7
5	256QAM	12	7	18.70	18.53	18.59	
5	256QAM	12	13	18.65	18.73	18.74	
5	256QAM	25	0	18.50	18.57	18.58	



<LTE Band 30_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.79		24.4
10	QPSK	1	25		22.72		
10	QPSK	1	49		22.61		
10	QPSK	25	0		22.70		23.7
10	QPSK	25	12		22.62		
10	QPSK	25	25		22.61		
10	QPSK	50	0		22.68		23.7
10	16QAM	1	0		21.30		
10	16QAM	1	25		21.38		
10	16QAM	1	49		21.18		22.7
10	16QAM	25	0		21.84		
10	16QAM	25	12		21.75		
10	16QAM	25	25		21.82		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		21.94		
10	64QAM	1	25		21.80		22.7
10	64QAM	1	49		22.22		
10	64QAM	25	0		20.87		
10	64QAM	25	12		20.98		21.7
10	64QAM	25	25		20.87		
10	64QAM	50	0		20.90		
10	256QAM	1	0		18.75		19.7
10	256QAM	1	25		18.68		
10	256QAM	1	49		18.74		
10	256QAM	25	0		18.56		19.7
10	256QAM	25	12		18.64		
10	256QAM	25	25		18.48		
10	256QAM	50	0		18.59		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.70	22.62	22.63	24.4
5	QPSK	1	12	22.49	22.48	22.62	
5	QPSK	1	24	22.50	22.55	22.55	
5	QPSK	12	0	22.59	22.58	22.57	23.7
5	QPSK	12	7	22.37	22.51	22.40	
5	QPSK	12	13	22.53	22.51	22.54	
5	QPSK	25	0	22.53	22.49	22.53	23.7
5	16QAM	1	0	21.10	21.20	21.09	
5	16QAM	1	12	21.14	21.16	21.28	
5	16QAM	1	24	21.02	21.00	20.93	22.7
5	16QAM	12	0	21.65	21.67	21.64	
5	16QAM	12	7	21.50	21.67	21.66	
5	16QAM	12	13	21.74	21.73	21.60	22.7
5	16QAM	25	0	21.63	21.67	21.69	
5	64QAM	1	0	21.69	21.75	21.74	
5	64QAM	1	12	21.60	21.67	21.75	22.7
5	64QAM	1	24	22.07	22.15	21.97	
5	64QAM	12	0	20.73	20.66	20.65	
5	64QAM	12	7	20.87	20.74	20.77	21.7
5	64QAM	12	13	20.72	20.81	20.81	
5	64QAM	25	0	20.66	20.75	20.82	
5	256QAM	1	0	18.53	18.56	18.63	19.7
5	256QAM	1	12	18.46	18.63	18.48	
5	256QAM	1	24	18.67	18.60	18.64	
5	256QAM	12	0	18.39	18.49	18.37	19.7
5	256QAM	12	7	18.47	18.45	18.41	
5	256QAM	12	13	18.37	18.40	18.40	
5	256QAM	25	0	18.40	18.35	18.34	



<LTE Band 30_Ant 2_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.82		24.7
10	QPSK	1	25		23.80		
10	QPSK	1	49		23.76		
10	QPSK	25	0		22.79		23.7
10	QPSK	25	12		22.76		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.77		23.7
10	16QAM	1	0		22.87		
10	16QAM	1	25		22.91		
10	16QAM	1	49		23.05		22.7
10	16QAM	25	0		21.80		
10	16QAM	25	12		21.76		
10	16QAM	25	25		21.77		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		21.97		
10	64QAM	1	25		22.07		22.7
10	64QAM	1	49		22.03		
10	64QAM	25	0		20.75		
10	64QAM	25	12		20.79		21.7
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.79		
10	256QAM	1	0		18.87		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.72		
10	256QAM	25	0		18.70		19.7
10	256QAM	25	12		18.72		
10	256QAM	25	25		18.76		
10	256QAM	50	0		18.66		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.80	23.79	23.66	24.7
5	QPSK	1	12	23.74	23.68	23.69	
5	QPSK	1	24	23.67	23.74	23.58	
5	QPSK	12	0	22.71	22.78	22.71	23.7
5	QPSK	12	7	22.57	22.63	22.58	
5	QPSK	12	13	22.57	22.65	22.68	
5	QPSK	25	0	22.67	22.62	22.61	23.7
5	16QAM	1	0	22.75	22.77	22.70	
5	16QAM	1	12	22.80	22.87	22.88	
5	16QAM	1	24	22.94	23.05	22.99	22.7
5	16QAM	12	0	21.63	21.60	21.62	
5	16QAM	12	7	21.62	21.62	21.72	
5	16QAM	12	13	21.63	21.68	21.76	22.7
5	16QAM	25	0	21.56	21.67	21.73	
5	64QAM	1	0	21.92	21.83	21.88	
5	64QAM	1	12	22.03	21.94	21.95	22.7
5	64QAM	1	24	21.85	21.91	21.98	
5	64QAM	12	0	20.66	20.64	20.64	
5	64QAM	12	7	20.74	20.59	20.77	21.7
5	64QAM	12	13	20.63	20.66	20.74	
5	64QAM	25	0	20.62	20.76	20.65	
5	256QAM	1	0	18.81	18.79	18.85	19.7
5	256QAM	1	12	18.71	18.74	18.74	
5	256QAM	1	24	18.70	18.62	18.71	
5	256QAM	12	0	18.69	18.65	18.58	19.7
5	256QAM	12	7	18.70	18.53	18.59	
5	256QAM	12	13	18.65	18.73	18.74	
5	256QAM	25	0	18.50	18.57	18.58	



<LTE Band 30_Ant 1_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.79		23.7
10	QPSK	1	25		22.72		
10	QPSK	1	49		22.61		
10	QPSK	25	0		22.70		23.7
10	QPSK	25	12		22.62		
10	QPSK	25	25		22.61		
10	QPSK	50	0		22.68		23.7
10	16QAM	1	0		21.30		
10	16QAM	1	25		21.38		
10	16QAM	1	49		21.18		22.7
10	16QAM	25	0		21.84		
10	16QAM	25	12		21.75		
10	16QAM	25	25		21.82		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		21.94		
10	64QAM	1	25		21.80		22.7
10	64QAM	1	49		22.22		
10	64QAM	25	0		20.87		
10	64QAM	25	12		20.98		21.7
10	64QAM	25	25		20.87		
10	64QAM	50	0		20.90		
10	256QAM	1	0		18.75		19.7
10	256QAM	1	25		18.68		
10	256QAM	1	49		18.74		
10	256QAM	25	0		18.56		19.7
10	256QAM	25	12		18.64		
10	256QAM	25	25		18.48		
10	256QAM	50	0		18.59		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.70	22.62	22.63	23.7
5	QPSK	1	12	22.49	22.48	22.62	
5	QPSK	1	24	22.50	22.55	22.55	
5	QPSK	12	0	22.59	22.58	22.57	23.7
5	QPSK	12	7	22.37	22.51	22.40	
5	QPSK	12	13	22.53	22.51	22.54	
5	QPSK	25	0	22.53	22.49	22.53	23.7
5	16QAM	1	0	21.10	21.20	21.09	
5	16QAM	1	12	21.14	21.16	21.28	
5	16QAM	1	24	21.02	21.00	20.93	22.7
5	16QAM	12	0	21.65	21.67	21.64	
5	16QAM	12	7	21.50	21.67	21.66	
5	16QAM	12	13	21.74	21.73	21.60	22.7
5	16QAM	25	0	21.63	21.67	21.69	
5	64QAM	1	0	21.69	21.75	21.74	
5	64QAM	1	12	21.60	21.67	21.75	22.7
5	64QAM	1	24	22.07	22.15	21.97	
5	64QAM	12	0	20.73	20.66	20.65	
5	64QAM	12	7	20.87	20.74	20.77	21.7
5	64QAM	12	13	20.72	20.81	20.81	
5	64QAM	25	0	20.66	20.75	20.82	
5	256QAM	1	0	18.53	18.56	18.63	19.7
5	256QAM	1	12	18.46	18.63	18.48	
5	256QAM	1	24	18.67	18.60	18.64	
5	256QAM	12	0	18.39	18.49	18.37	19.7
5	256QAM	12	7	18.47	18.45	18.41	
5	256QAM	12	13	18.37	18.40	18.40	
5	256QAM	25	0	18.40	18.35	18.34	

**<LTE Band 30_Ant 2_Index 4>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		17.79		18
10	QPSK	1	25		17.54		
10	QPSK	1	49		17.48		
10	QPSK	25	0		17.54		18
10	QPSK	25	12		17.54		
10	QPSK	25	25		17.53		
10	QPSK	50	0		17.54		18
10	16QAM	1	0		17.74		
10	16QAM	1	25		17.74		
10	16QAM	1	49		17.75		18
10	16QAM	25	0		17.54		
10	16QAM	25	12		17.54		
10	16QAM	25	25		17.55		18
10	16QAM	50	0		17.52		
10	64QAM	1	0		17.73		
10	64QAM	1	25		17.68		18
10	64QAM	1	49		17.70		
10	64QAM	25	0		17.52		
10	64QAM	25	12		17.51		18
10	64QAM	25	25		17.56		
10	64QAM	50	0		17.58		
10	256QAM	1	0		17.53		18
10	256QAM	1	25		17.48		
10	256QAM	1	49		17.51		
10	256QAM	25	0		17.30		18
10	256QAM	25	12		17.33		
10	256QAM	25	25		17.36		
10	256QAM	50	0		17.39		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.60	17.64	17.60	18
5	QPSK	1	12	17.44	17.43	17.40	
5	QPSK	1	24	17.37	17.34	17.28	
5	QPSK	12	0	17.40	17.37	17.39	18
5	QPSK	12	7	17.42	17.41	17.41	
5	QPSK	12	13	17.40	17.34	17.40	
5	QPSK	25	0	17.44	17.40	17.38	18
5	16QAM	1	0	17.64	17.58	17.58	
5	16QAM	1	12	17.61	17.60	17.58	
5	16QAM	1	24	17.60	17.57	17.55	18
5	16QAM	12	0	17.40	17.44	17.44	
5	16QAM	12	7	17.41	17.36	17.44	
5	16QAM	12	13	17.36	17.41	17.45	18
5	16QAM	25	0	17.33	17.41	17.35	
5	64QAM	1	0	17.63	17.59	17.54	
5	64QAM	1	12	17.58	17.51	17.57	18
5	64QAM	1	24	17.56	17.60	17.55	
5	64QAM	12	0	17.33	17.42	17.39	
5	64QAM	12	7	17.31	17.31	17.37	18
5	64QAM	12	13	17.37	17.44	17.44	
5	64QAM	25	0	17.45	17.44	17.41	
5	256QAM	1	0	17.53	17.53	17.52	18
5	256QAM	1	12	17.53	17.43	17.52	
5	256QAM	1	24	17.55	17.50	17.51	
5	256QAM	12	0	17.28	17.30	17.34	18
5	256QAM	12	7	17.29	17.29	17.30	
5	256QAM	12	13	17.33	17.32	17.37	
5	256QAM	25	0	17.37	17.37	17.33	

**<LTE Band 30_Ant 1_Index 4>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.83		24.7
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.73		
10	QPSK	25	0		22.74		23.7
10	QPSK	25	12		22.72		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.71		23.7
10	16QAM	1	0		22.96		
10	16QAM	1	25		22.95		
10	16QAM	1	49		22.97		22.7
10	16QAM	25	0		21.73		
10	16QAM	25	12		21.73		
10	16QAM	25	25		21.70		22.7
10	16QAM	50	0		21.74		
10	64QAM	1	0		21.98		
10	64QAM	1	25		21.76		22.7
10	64QAM	1	49		21.87		
10	64QAM	25	0		20.71		
10	64QAM	25	12		20.74		21.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.75		
10	256QAM	1	0		18.86		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.75		19.7
10	256QAM	25	12		18.74		
10	256QAM	25	25		18.72		
10	256QAM	50	0		18.70		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.74	23.75	23.78	24.7
5	QPSK	1	12	23.71	23.75	23.70	
5	QPSK	1	24	23.71	23.59	23.70	
5	QPSK	12	0	22.56	22.70	22.57	23.7
5	QPSK	12	7	22.55	22.72	22.65	
5	QPSK	12	13	22.65	22.54	22.72	
5	QPSK	25	0	22.61	22.62	22.62	23.7
5	16QAM	1	0	22.80	22.92	22.82	
5	16QAM	1	12	22.95	22.88	22.84	
5	16QAM	1	24	22.96	22.87	22.92	22.7
5	16QAM	12	0	21.62	21.56	21.66	
5	16QAM	12	7	21.65	21.69	21.61	
5	16QAM	12	13	21.56	21.54	21.65	22.7
5	16QAM	25	0	21.68	21.69	21.54	
5	64QAM	1	0	21.90	21.90	21.79	
5	64QAM	1	12	21.65	21.63	21.74	22.7
5	64QAM	1	24	21.75	21.75	21.74	
5	64QAM	12	0	20.64	20.52	20.53	
5	64QAM	12	7	20.62	20.63	20.65	21.7
5	64QAM	12	13	20.71	20.68	20.60	
5	64QAM	25	0	20.71	20.63	20.74	
5	256QAM	1	0	18.68	18.68	18.66	19.7
5	256QAM	1	12	18.66	18.73	18.65	
5	256QAM	1	24	18.70	18.61	18.61	
5	256QAM	12	0	18.74	18.58	18.72	19.7
5	256QAM	12	7	18.72	18.61	18.61	
5	256QAM	12	13	18.56	18.54	18.62	
5	256QAM	25	0	18.51	18.51	18.58	



<LTE Band 30_Ant 2_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		17.79		18.7
10	QPSK	1	25		17.54		
10	QPSK	1	49		17.48		
10	QPSK	25	0		17.54		18.7
10	QPSK	25	12		17.54		
10	QPSK	25	25		17.53		
10	QPSK	50	0		17.54		18.7
10	16QAM	1	0		17.74		
10	16QAM	1	25		17.74		
10	16QAM	1	49		17.75		18.7
10	16QAM	25	0		17.54		
10	16QAM	25	12		17.54		
10	16QAM	25	25		17.55		18.7
10	16QAM	50	0		17.52		
10	64QAM	1	0		17.73		
10	64QAM	1	25		17.68		18.7
10	64QAM	1	49		17.70		
10	64QAM	25	0		17.52		
10	64QAM	25	12		17.51		18.7
10	64QAM	25	25		17.56		
10	64QAM	50	0		17.58		
10	256QAM	1	0		17.53		18.7
10	256QAM	1	25		17.48		
10	256QAM	1	49		17.51		
10	256QAM	25	0		17.30		18.7
10	256QAM	25	12		17.33		
10	256QAM	25	25		17.36		
10	256QAM	50	0		17.39		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.60	17.64	17.60	18.7
5	QPSK	1	12	17.44	17.43	17.40	
5	QPSK	1	24	17.37	17.34	17.28	
5	QPSK	12	0	17.40	17.37	17.39	18.7
5	QPSK	12	7	17.42	17.41	17.41	
5	QPSK	12	13	17.40	17.34	17.40	
5	QPSK	25	0	17.44	17.40	17.38	18.7
5	16QAM	1	0	17.64	17.58	17.58	
5	16QAM	1	12	17.61	17.60	17.58	
5	16QAM	1	24	17.60	17.57	17.55	18.7
5	16QAM	12	0	17.40	17.44	17.44	
5	16QAM	12	7	17.41	17.36	17.44	
5	16QAM	12	13	17.36	17.41	17.45	18.7
5	16QAM	25	0	17.33	17.41	17.35	
5	64QAM	1	0	17.63	17.59	17.54	
5	64QAM	1	12	17.58	17.51	17.57	18.7
5	64QAM	1	24	17.56	17.60	17.55	
5	64QAM	12	0	17.33	17.42	17.39	
5	64QAM	12	7	17.31	17.31	17.37	18.7
5	64QAM	12	13	17.37	17.44	17.44	
5	64QAM	25	0	17.45	17.44	17.41	
5	256QAM	1	0	17.53	17.53	17.52	18.7
5	256QAM	1	12	17.53	17.43	17.52	
5	256QAM	1	24	17.55	17.50	17.51	
5	256QAM	12	0	17.28	17.30	17.34	18.7
5	256QAM	12	7	17.29	17.29	17.30	
5	256QAM	12	13	17.33	17.32	17.37	
5	256QAM	25	0	17.37	17.37	17.33	



<LTE Band 30_Ant 1_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.83		24.7
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.73		
10	QPSK	25	0		22.74		23.7
10	QPSK	25	12		22.72		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.71		23.7
10	16QAM	1	0		22.96		
10	16QAM	1	25		22.95		
10	16QAM	1	49		22.97		22.7
10	16QAM	25	0		21.73		
10	16QAM	25	12		21.73		
10	16QAM	25	25		21.70		22.7
10	16QAM	50	0		21.74		
10	64QAM	1	0		21.98		
10	64QAM	1	25		21.76		22.7
10	64QAM	1	49		21.87		
10	64QAM	25	0		20.71		
10	64QAM	25	12		20.74		21.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.75		
10	256QAM	1	0		18.86		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.75		19.7
10	256QAM	25	12		18.74		
10	256QAM	25	25		18.72		
10	256QAM	50	0		18.70		
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	23.74	23.75	23.78	24.7
5	QPSK	1	12	23.71	23.75	23.70	
5	QPSK	1	24	23.71	23.59	23.70	
5	QPSK	12	0	22.56	22.70	22.57	23.7
5	QPSK	12	7	22.55	22.72	22.65	
5	QPSK	12	13	22.65	22.54	22.72	
5	QPSK	25	0	22.61	22.62	22.62	23.7
5	16QAM	1	0	22.80	22.92	22.82	
5	16QAM	1	12	22.95	22.88	22.84	
5	16QAM	1	24	22.96	22.87	22.92	22.7
5	16QAM	12	0	21.62	21.56	21.66	
5	16QAM	12	7	21.65	21.69	21.61	
5	16QAM	12	13	21.56	21.54	21.65	22.7
5	16QAM	25	0	21.68	21.69	21.54	
5	64QAM	1	0	21.90	21.90	21.79	
5	64QAM	1	12	21.65	21.63	21.74	22.7
5	64QAM	1	24	21.75	21.75	21.74	
5	64QAM	12	0	20.64	20.52	20.53	
5	64QAM	12	7	20.62	20.63	20.65	21.7
5	64QAM	12	13	20.71	20.68	20.60	
5	64QAM	25	0	20.71	20.63	20.74	
5	256QAM	1	0	18.68	18.68	18.66	19.7
5	256QAM	1	12	18.66	18.73	18.65	
5	256QAM	1	24	18.70	18.61	18.61	
5	256QAM	12	0	18.74	18.58	18.72	19.7
5	256QAM	12	7	18.72	18.61	18.61	
5	256QAM	12	13	18.56	18.54	18.62	
5	256QAM	25	0	18.51	18.51	18.58	



<LTE Band 30_Ant 2_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		17.79		18
10	QPSK	1	25		17.54		
10	QPSK	1	49		17.48		
10	QPSK	25	0		17.54		18
10	QPSK	25	12		17.54		
10	QPSK	25	25		17.53		
10	QPSK	50	0		17.54		18
10	16QAM	1	0		17.74		
10	16QAM	1	25		17.74		
10	16QAM	1	49		17.75		18
10	16QAM	25	0		17.54		
10	16QAM	25	12		17.54		
10	16QAM	25	25		17.55		18
10	16QAM	50	0		17.52		
10	64QAM	1	0		17.73		
10	64QAM	1	25		17.68		18
10	64QAM	1	49		17.70		
10	64QAM	25	0		17.52		
10	64QAM	25	12		17.51		18
10	64QAM	25	25		17.56		
10	64QAM	50	0		17.58		
10	256QAM	1	0		17.53		18
10	256QAM	1	25		17.48		
10	256QAM	1	49		17.51		
10	256QAM	25	0		17.30		18
10	256QAM	25	12		17.33		
10	256QAM	25	25		17.36		
10	256QAM	50	0		17.39		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.60	17.64	17.60	18
5	QPSK	1	12	17.44	17.43	17.40	
5	QPSK	1	24	17.37	17.34	17.28	
5	QPSK	12	0	17.40	17.37	17.39	18
5	QPSK	12	7	17.42	17.41	17.41	
5	QPSK	12	13	17.40	17.34	17.40	
5	QPSK	25	0	17.44	17.40	17.38	18
5	16QAM	1	0	17.64	17.58	17.58	
5	16QAM	1	12	17.61	17.60	17.58	
5	16QAM	1	24	17.60	17.57	17.55	18
5	16QAM	12	0	17.40	17.44	17.44	
5	16QAM	12	7	17.41	17.36	17.44	
5	16QAM	12	13	17.36	17.41	17.45	18
5	16QAM	25	0	17.33	17.41	17.35	
5	64QAM	1	0	17.63	17.59	17.54	
5	64QAM	1	12	17.58	17.51	17.57	18
5	64QAM	1	24	17.56	17.60	17.55	
5	64QAM	12	0	17.33	17.42	17.39	
5	64QAM	12	7	17.31	17.31	17.37	18
5	64QAM	12	13	17.37	17.44	17.44	
5	64QAM	25	0	17.45	17.44	17.41	
5	256QAM	1	0	17.53	17.53	17.52	18
5	256QAM	1	12	17.53	17.43	17.52	
5	256QAM	1	24	17.55	17.50	17.51	
5	256QAM	12	0	17.28	17.30	17.34	18
5	256QAM	12	7	17.29	17.29	17.30	
5	256QAM	12	13	17.33	17.32	17.37	
5	256QAM	25	0	17.37	17.37	17.33	



<LTE Band 30_Ant 1_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.83		24.7
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.73		
10	QPSK	25	0		22.74		23.7
10	QPSK	25	12		22.72		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.71		23.7
10	16QAM	1	0		22.96		
10	16QAM	1	25		22.95		
10	16QAM	1	49		22.97		22.7
10	16QAM	25	0		21.73		
10	16QAM	25	12		21.73		
10	16QAM	25	25		21.70		22.7
10	16QAM	50	0		21.74		
10	64QAM	1	0		21.98		
10	64QAM	1	25		21.76		22.7
10	64QAM	1	49		21.87		
10	64QAM	25	0		20.71		
10	64QAM	25	12		20.74		21.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.75		
10	256QAM	1	0		18.86		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.75		19.7
10	256QAM	25	12		18.74		
10	256QAM	25	25		18.72		
10	256QAM	50	0		18.70		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.74	23.75	23.78	24.7
5	QPSK	1	12	23.71	23.75	23.70	
5	QPSK	1	24	23.71	23.59	23.70	
5	QPSK	12	0	22.56	22.70	22.57	23.7
5	QPSK	12	7	22.55	22.72	22.65	
5	QPSK	12	13	22.65	22.54	22.72	
5	QPSK	25	0	22.61	22.62	22.62	23.7
5	16QAM	1	0	22.80	22.92	22.82	
5	16QAM	1	12	22.95	22.88	22.84	
5	16QAM	1	24	22.96	22.87	22.92	22.7
5	16QAM	12	0	21.62	21.56	21.66	
5	16QAM	12	7	21.65	21.69	21.61	
5	16QAM	12	13	21.56	21.54	21.65	22.7
5	16QAM	25	0	21.68	21.69	21.54	
5	64QAM	1	0	21.90	21.90	21.79	
5	64QAM	1	12	21.65	21.63	21.74	22.7
5	64QAM	1	24	21.75	21.75	21.74	
5	64QAM	12	0	20.64	20.52	20.53	
5	64QAM	12	7	20.62	20.63	20.65	21.7
5	64QAM	12	13	20.71	20.68	20.60	
5	64QAM	25	0	20.71	20.63	20.74	
5	256QAM	1	0	18.68	18.68	18.66	19.7
5	256QAM	1	12	18.66	18.73	18.65	
5	256QAM	1	24	18.70	18.61	18.61	
5	256QAM	12	0	18.74	18.58	18.72	19.7
5	256QAM	12	7	18.72	18.61	18.61	
5	256QAM	12	13	18.56	18.54	18.62	
5	256QAM	25	0	18.51	18.51	18.58	



<LTE Band 30_Ant 2_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.82		24.7
10	QPSK	1	25		23.80		
10	QPSK	1	49		23.76		
10	QPSK	25	0		22.79		23.7
10	QPSK	25	12		22.76		
10	QPSK	25	25		22.73		
10	QPSK	50	0		22.77		23.7
10	16QAM	1	0		22.87		
10	16QAM	1	25		22.91		
10	16QAM	1	49		23.05		22.7
10	16QAM	25	0		21.80		
10	16QAM	25	12		21.76		
10	16QAM	25	25		21.77		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		21.97		
10	64QAM	1	25		22.07		22.7
10	64QAM	1	49		22.03		
10	64QAM	25	0		20.75		
10	64QAM	25	12		20.79		21.7
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.79		
10	256QAM	1	0		18.87		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.72		
10	256QAM	25	0		18.70		19.7
10	256QAM	25	12		18.72		
10	256QAM	25	25		18.76		
10	256QAM	50	0		18.66		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.80	23.79	23.66	24.7
5	QPSK	1	12	23.74	23.68	23.69	
5	QPSK	1	24	23.67	23.74	23.58	
5	QPSK	12	0	22.71	22.78	22.71	23.7
5	QPSK	12	7	22.57	22.63	22.58	
5	QPSK	12	13	22.57	22.65	22.68	
5	QPSK	25	0	22.67	22.62	22.61	23.7
5	16QAM	1	0	22.75	22.77	22.70	
5	16QAM	1	12	22.80	22.87	22.88	
5	16QAM	1	24	22.94	23.05	22.99	22.7
5	16QAM	12	0	21.63	21.60	21.62	
5	16QAM	12	7	21.62	21.62	21.72	
5	16QAM	12	13	21.63	21.68	21.76	22.7
5	16QAM	25	0	21.56	21.67	21.73	
5	64QAM	1	0	21.92	21.83	21.88	
5	64QAM	1	12	22.03	21.94	21.95	22.7
5	64QAM	1	24	21.85	21.91	21.98	
5	64QAM	12	0	20.66	20.64	20.64	
5	64QAM	12	7	20.74	20.59	20.77	21.7
5	64QAM	12	13	20.63	20.66	20.74	
5	64QAM	25	0	20.62	20.76	20.65	
5	256QAM	1	0	18.81	18.79	18.85	19.7
5	256QAM	1	12	18.71	18.74	18.74	
5	256QAM	1	24	18.70	18.62	18.71	
5	256QAM	12	0	18.69	18.65	18.58	19.7
5	256QAM	12	7	18.70	18.53	18.59	
5	256QAM	12	13	18.65	18.73	18.74	
5	256QAM	25	0	18.50	18.57	18.58	



<LTE Band 30_Ant 1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		18.07		18.1
10	QPSK	1	25		17.97		
10	QPSK	1	49		17.98		
10	QPSK	25	0		18.06		18.1
10	QPSK	25	12		18.05		
10	QPSK	25	25		18.01		
10	QPSK	50	0		18.05		18.1
10	16QAM	1	0		18.02		
10	16QAM	1	25		17.98		
10	16QAM	1	49		17.96		18.1
10	16QAM	25	0		18.06		
10	16QAM	25	12		18.04		
10	16QAM	25	25		18.00		18.1
10	16QAM	50	0		18.04		
10	64QAM	1	0		17.97		
10	64QAM	1	25		18.05		18.1
10	64QAM	1	49		17.90		
10	64QAM	25	0		17.96		
10	64QAM	25	12		17.90		18.1
10	64QAM	25	25		18.01		
10	64QAM	50	0		17.92		
10	256QAM	1	0		18.06		18.1
10	256QAM	1	25		18.00		
10	256QAM	1	49		17.88		
10	256QAM	25	0		18.04		18.1
10	256QAM	25	12		17.95		
10	256QAM	25	25		17.99		
10	256QAM	50	0		18.02		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.87	17.89	17.92	18.1
5	QPSK	1	12	17.80	17.92	17.95	
5	QPSK	1	24	17.81	17.96	17.85	
5	QPSK	12	0	18.01	17.89	17.99	18.1
5	QPSK	12	7	17.94	18.05	18.02	
5	QPSK	12	13	17.94	17.81	17.94	
5	QPSK	25	0	17.88	17.87	17.90	18.1
5	16QAM	1	0	17.85	17.99	17.93	
5	16QAM	1	12	17.92	17.87	17.87	
5	16QAM	1	24	17.87	17.93	17.95	18.1
5	16QAM	12	0	17.96	17.89	17.98	
5	16QAM	12	7	17.99	17.96	18.00	
5	16QAM	12	13	17.99	17.98	17.83	18.1
5	16QAM	25	0	18.01	17.88	17.91	
5	64QAM	1	0	17.97	17.96	17.88	
5	64QAM	1	12	18.00	18.00	17.90	18.1
5	64QAM	1	24	17.77	17.71	17.79	
5	64QAM	12	0	17.77	17.77	17.76	
5	64QAM	12	7	17.83	17.74	17.89	18.1
5	64QAM	12	13	17.86	17.99	17.99	
5	64QAM	25	0	17.87	17.91	17.79	
5	256QAM	1	0	17.90	18.01	17.99	18.1
5	256QAM	1	12	17.84	17.88	17.91	
5	256QAM	1	24	17.70	17.84	17.73	
5	256QAM	12	0	18.02	18.04	17.85	18.1
5	256QAM	12	7	17.88	17.90	17.78	
5	256QAM	12	13	17.81	17.90	17.83	
5	256QAM	25	0	18.02	17.82	18.00	



<LTE Band 30_Ant 2_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		18.50		18.8
10	QPSK	1	25		18.45		
10	QPSK	1	49		18.49		
10	QPSK	25	0		18.44		18.8
10	QPSK	25	12		18.49		
10	QPSK	25	25		18.41		
10	QPSK	50	0		18.44		18.8
10	16QAM	1	0		18.35		
10	16QAM	1	25		18.36		
10	16QAM	1	49		18.39		18.8
10	16QAM	25	0		18.26		
10	16QAM	25	12		18.41		
10	16QAM	25	25		18.44		18.8
10	16QAM	50	0		18.41		
10	64QAM	1	0		18.27		
10	64QAM	1	25		18.37		18.8
10	64QAM	1	49		18.22		
10	64QAM	25	0		18.46		
10	64QAM	25	12		18.45		18.8
10	64QAM	25	25		18.10		
10	64QAM	50	0		18.27		
10	256QAM	1	0		18.44		18.8
10	256QAM	1	25		18.31		
10	256QAM	1	49		18.30		
10	256QAM	25	0		18.38		18.8
10	256QAM	25	12		18.33		
10	256QAM	25	25		18.40		
10	256QAM	50	0		18.31		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	18.45	18.30	18.48	18.8
5	QPSK	1	12	18.35	18.40	18.30	
5	QPSK	1	24	18.42	18.46	18.30	
5	QPSK	12	0	18.28	18.35	18.40	18.8
5	QPSK	12	7	18.48	18.46	18.33	
5	QPSK	12	13	18.29	18.21	18.35	
5	QPSK	25	0	18.36	18.29	18.33	18.8
5	16QAM	1	0	18.15	18.27	18.16	
5	16QAM	1	12	18.35	18.32	18.31	
5	16QAM	1	24	18.22	18.25	18.26	18.8
5	16QAM	12	0	18.11	18.12	18.15	
5	16QAM	12	7	18.32	18.25	18.23	
5	16QAM	12	13	18.25	18.38	18.29	18.8
5	16QAM	25	0	18.23	18.36	18.37	
5	64QAM	1	0	18.15	18.08	18.26	
5	64QAM	1	12	18.27	18.18	18.36	18.8
5	64QAM	1	24	18.20	18.18	18.07	
5	64QAM	12	0	18.31	18.33	18.28	
5	64QAM	12	7	18.45	18.28	18.41	18.8
5	64QAM	12	13	17.97	17.97	17.99	
5	64QAM	25	0	18.13	18.11	18.20	
5	256QAM	1	0	18.28	18.27	18.33	18.8
5	256QAM	1	12	18.15	18.29	18.22	
5	256QAM	1	24	18.17	18.22	18.17	
5	256QAM	12	0	18.18	18.36	18.30	18.8
5	256QAM	12	7	18.30	18.25	18.19	
5	256QAM	12	13	18.33	18.37	18.34	
5	256QAM	25	0	18.29	18.13	18.11	



<LTE Band 30_Ant 1_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.58		23.1
10	QPSK	1	25		22.57		
10	QPSK	1	49		22.56		
10	QPSK	25	0		22.56		23.1
10	QPSK	25	12		22.55		
10	QPSK	25	25		22.55		
10	QPSK	50	0		22.56		23.1
10	16QAM	1	0		22.53		
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.46		22.7
10	16QAM	25	0		21.78		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.72		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		22.04		
10	64QAM	1	25		22.03		22.7
10	64QAM	1	49		21.95		
10	64QAM	25	0		20.72		
10	64QAM	25	12		20.83		21.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.77		
10	256QAM	1	0		18.78		19.7
10	256QAM	1	25		18.77		
10	256QAM	1	49		18.63		
10	256QAM	25	0		18.74		19.7
10	256QAM	25	12		18.70		
10	256QAM	25	25		18.70		
10	256QAM	50	0		18.62		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.48	22.57	22.53	23.1
5	QPSK	1	12	22.55	22.44	22.48	
5	QPSK	1	24	22.36	22.40	22.47	
5	QPSK	12	0	22.56	22.45	22.38	23.1
5	QPSK	12	7	22.54	22.45	22.40	
5	QPSK	12	13	22.35	22.55	22.37	
5	QPSK	25	0	22.42	22.54	22.39	23.1
5	16QAM	1	0	22.41	22.46	22.45	
5	16QAM	1	12	22.36	22.44	22.37	
5	16QAM	1	24	22.39	22.38	22.44	22.7
5	16QAM	12	0	21.73	21.72	21.77	
5	16QAM	12	7	21.69	21.59	21.73	
5	16QAM	12	13	21.61	21.69	21.64	22.7
5	16QAM	25	0	21.57	21.69	21.63	
5	64QAM	1	0	21.91	21.89	22.01	
5	64QAM	1	12	21.99	21.84	21.97	22.7
5	64QAM	1	24	21.78	21.90	21.87	
5	64QAM	12	0	20.72	20.55	20.65	
5	64QAM	12	7	20.66	20.74	20.64	21.7
5	64QAM	12	13	20.58	20.69	20.73	
5	64QAM	25	0	20.74	20.61	20.67	
5	256QAM	1	0	18.69	18.68	18.76	19.7
5	256QAM	1	12	18.70	18.74	18.58	
5	256QAM	1	24	18.62	18.57	18.57	
5	256QAM	12	0	18.61	18.64	18.73	19.7
5	256QAM	12	7	18.66	18.62	18.60	
5	256QAM	12	13	18.66	18.66	18.59	
5	256QAM	25	0	18.50	18.43	18.50	



<LTE Band 30_Ant 2_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		18.99		20.1
10	QPSK	1	25		18.98		
10	QPSK	1	49		18.97		
10	QPSK	25	0		18.91		20.1
10	QPSK	25	12		18.91		
10	QPSK	25	25		18.90		
10	QPSK	50	0		18.97		20.1
10	16QAM	1	0		18.96		
10	16QAM	1	25		18.96		
10	16QAM	1	49		18.91		20.1
10	16QAM	25	0		18.97		
10	16QAM	25	12		18.96		
10	16QAM	25	25		18.98		20.1
10	16QAM	50	0		18.97		
10	64QAM	1	0		18.81		
10	64QAM	1	25		18.81		20.1
10	64QAM	1	49		18.85		
10	64QAM	25	0		18.80		
10	64QAM	25	12		18.82		20.1
10	64QAM	25	25		18.85		
10	64QAM	50	0		18.80		
10	256QAM	1	0		18.72		19.7
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.58		
10	256QAM	25	0		18.58		19.7
10	256QAM	25	12		18.69		
10	256QAM	25	25		18.56		
10	256QAM	50	0		18.50		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	18.83	18.96	18.79	20.1
5	QPSK	1	12	18.89	18.95	18.85	
5	QPSK	1	24	18.77	18.86	18.80	
5	QPSK	12	0	18.72	18.86	18.72	20.1
5	QPSK	12	7	18.91	18.77	18.87	
5	QPSK	12	13	18.87	18.82	18.74	
5	QPSK	25	0	18.84	18.90	18.87	20.1
5	16QAM	1	0	18.92	18.80	18.83	
5	16QAM	1	12	18.80	18.81	18.84	
5	16QAM	1	24	18.76	18.81	18.79	20.1
5	16QAM	12	0	18.88	18.92	18.86	
5	16QAM	12	7	18.78	18.85	18.90	
5	16QAM	12	13	18.94	18.93	18.93	20.1
5	16QAM	25	0	18.80	18.83	18.84	
5	64QAM	1	0	18.79	18.70	18.75	
5	64QAM	1	12	18.75	18.77	18.79	20.1
5	64QAM	1	24	18.69	18.80	18.80	
5	64QAM	12	0	18.68	18.76	18.79	
5	64QAM	12	7	18.62	18.78	18.72	20.1
5	64QAM	12	13	18.72	18.85	18.78	
5	64QAM	25	0	18.72	18.70	18.62	
5	256QAM	1	0	18.54	18.54	18.60	19.7
5	256QAM	1	12	18.72	18.68	18.77	
5	256QAM	1	24	18.57	18.41	18.49	
5	256QAM	12	0	18.41	18.45	18.38	19.7
5	256QAM	12	7	18.52	18.59	18.64	
5	256QAM	12	13	18.56	18.56	18.56	
5	256QAM	25	0	18.42	18.37	18.46	



<LTE Band 30_Ant 1_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.58		23.8
10	QPSK	1	25		22.57		
10	QPSK	1	49		22.56		
10	QPSK	25	0		22.56		23.7
10	QPSK	25	12		22.55		
10	QPSK	25	25		22.55		
10	QPSK	50	0		22.56		23.7
10	16QAM	1	0		22.53		
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.46		22.7
10	16QAM	25	0		21.78		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.72		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		22.04		
10	64QAM	1	25		22.03		22.7
10	64QAM	1	49		21.95		
10	64QAM	25	0		20.72		
10	64QAM	25	12		20.83		21.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.77		
10	256QAM	1	0		18.86		19.7
10	256QAM	1	25		18.72		
10	256QAM	1	49		18.74		
10	256QAM	25	0		18.58		19.7
10	256QAM	25	12		18.57		
10	256QAM	25	25		18.60		
10	256QAM	50	0		18.65		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.56	22.47	22.39	23.8
5	QPSK	1	12	22.56	22.49	22.43	
5	QPSK	1	24	22.37	22.54	22.45	
5	QPSK	12	0	22.39	22.42	22.54	23.7
5	QPSK	12	7	22.38	22.50	22.55	
5	QPSK	12	13	22.35	22.48	22.48	
5	QPSK	25	0	22.48	22.36	22.37	23.7
5	16QAM	1	0	22.46	22.44	22.44	
5	16QAM	1	12	22.32	22.32	22.36	
5	16QAM	1	24	22.46	22.34	22.37	22.7
5	16QAM	12	0	21.75	21.68	21.58	
5	16QAM	12	7	21.69	21.75	21.62	
5	16QAM	12	13	21.61	21.58	21.60	22.7
5	16QAM	25	0	21.67	21.68	21.68	
5	64QAM	1	0	22.03	21.99	21.95	
5	64QAM	1	12	21.99	21.88	21.89	22.7
5	64QAM	1	24	21.84	21.95	21.94	
5	64QAM	12	0	20.72	20.66	20.63	
5	64QAM	12	7	20.70	20.79	20.76	21.7
5	64QAM	12	13	20.56	20.59	20.69	
5	64QAM	25	0	20.74	20.69	20.66	
5	256QAM	1	0	18.84	18.69	18.82	19.7
5	256QAM	1	12	18.69	18.71	18.70	
5	256QAM	1	24	18.73	18.71	18.60	
5	256QAM	12	0	18.39	18.44	18.46	19.7
5	256QAM	12	7	18.57	18.48	18.38	
5	256QAM	12	13	18.46	18.48	18.49	
5	256QAM	25	0	18.56	18.62	18.48	

<LTE Band 30_Ant 2_Index 11>



FCC SAR TEST REPORT

Report No. : FA4N0920C

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			19.4
Frequency (MHz)				2310			
10	QPSK	1	0		18.99		19.4
10	QPSK	1	25		18.98		
10	QPSK	1	49		18.97		
10	QPSK	25	0		18.91		19.4
10	QPSK	25	12		18.91		
10	QPSK	25	25		18.90		
10	QPSK	50	0		18.97		19.4
10	16QAM	1	0		18.96		
10	16QAM	1	25		18.96		
10	16QAM	1	49		18.91		19.4
10	16QAM	25	0		18.97		
10	16QAM	25	12		18.96		
10	16QAM	25	25		18.98		19.4
10	16QAM	50	0		18.97		
10	64QAM	1	0		18.81		
10	64QAM	1	25		18.81		19.4
10	64QAM	1	49		18.85		
10	64QAM	25	0		18.80		
10	64QAM	25	12		18.82		19.4
10	64QAM	25	25		18.85		
10	64QAM	50	0		18.80		
10	256QAM	1	0		18.72		19.4
10	256QAM	1	25		18.80		
10	256QAM	1	49		18.58		
10	256QAM	25	0		18.58		19.4
10	256QAM	25	12		18.69		
10	256QAM	25	25		18.56		
10	256QAM	50	0		18.50		
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	18.83	18.96	18.79	19.4
5	QPSK	1	12	18.89	18.95	18.85	
5	QPSK	1	24	18.77	18.86	18.80	
5	QPSK	12	0	18.72	18.86	18.72	19.4
5	QPSK	12	7	18.91	18.77	18.87	
5	QPSK	12	13	18.87	18.82	18.74	
5	QPSK	25	0	18.84	18.90	18.87	19.4
5	16QAM	1	0	18.92	18.80	18.83	
5	16QAM	1	12	18.80	18.81	18.84	
5	16QAM	1	24	18.76	18.81	18.79	19.4
5	16QAM	12	0	18.88	18.92	18.86	
5	16QAM	12	7	18.78	18.85	18.90	
5	16QAM	12	13	18.94	18.93	18.93	19.4
5	16QAM	25	0	18.80	18.83	18.84	
5	64QAM	1	0	18.79	18.70	18.75	
5	64QAM	1	12	18.75	18.77	18.79	19.4
5	64QAM	1	24	18.69	18.80	18.80	
5	64QAM	12	0	18.68	18.76	18.79	
5	64QAM	12	7	18.62	18.78	18.72	19.4
5	64QAM	12	13	18.72	18.85	18.78	
5	64QAM	25	0	18.72	18.70	18.62	
5	256QAM	1	0	18.54	18.54	18.60	19.4
5	256QAM	1	12	18.72	18.68	18.77	
5	256QAM	1	24	18.57	18.41	18.49	
5	256QAM	12	0	18.41	18.45	18.38	19.4
5	256QAM	12	7	18.52	18.59	18.64	
5	256QAM	12	13	18.56	18.56	18.56	
5	256QAM	25	0	18.42	18.37	18.46	



<LTE Band 30_Ant 1_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.58		23.1
10	QPSK	1	25		22.57		
10	QPSK	1	49		22.56		
10	QPSK	25	0		22.56		23.1
10	QPSK	25	12		22.55		
10	QPSK	25	25		22.55		
10	QPSK	50	0		22.56		23.1
10	16QAM	1	0		22.53		
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.46		22.7
10	16QAM	25	0		21.78		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.72		22.7
10	16QAM	50	0		21.76		
10	64QAM	1	0		22.04		
10	64QAM	1	25		22.03		21.7
10	64QAM	1	49		21.95		
10	64QAM	25	0		20.72		
10	64QAM	25	12		20.83		19.7
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.77		
10	256QAM	1	0		18.86		19.7
10	256QAM	1	25		18.72		
10	256QAM	1	49		18.74		
10	256QAM	25	0		18.58		19.7
10	256QAM	25	12		18.57		
10	256QAM	25	25		18.60		
10	256QAM	50	0		18.65		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.56	22.47	22.39	23.1
5	QPSK	1	12	22.56	22.49	22.43	
5	QPSK	1	24	22.37	22.54	22.45	
5	QPSK	12	0	22.39	22.42	22.54	23.1
5	QPSK	12	7	22.38	22.50	22.55	
5	QPSK	12	13	22.35	22.48	22.48	
5	QPSK	25	0	22.48	22.36	22.37	23.1
5	16QAM	1	0	22.46	22.44	22.44	
5	16QAM	1	12	22.32	22.32	22.36	
5	16QAM	1	24	22.46	22.34	22.37	22.7
5	16QAM	12	0	21.75	21.68	21.58	
5	16QAM	12	7	21.69	21.75	21.62	
5	16QAM	12	13	21.61	21.58	21.60	22.7
5	16QAM	25	0	21.67	21.68	21.68	
5	64QAM	1	0	22.03	21.99	21.95	
5	64QAM	1	12	21.99	21.88	21.89	21.7
5	64QAM	1	24	21.84	21.95	21.94	
5	64QAM	12	0	20.72	20.66	20.63	
5	64QAM	12	7	20.70	20.79	20.76	19.7
5	64QAM	12	13	20.56	20.59	20.69	
5	64QAM	25	0	20.74	20.69	20.66	
5	256QAM	1	0	18.84	18.69	18.82	19.7
5	256QAM	1	12	18.69	18.71	18.70	
5	256QAM	1	24	18.73	18.71	18.60	
5	256QAM	12	0	18.39	18.44	18.46	19.7
5	256QAM	12	7	18.57	18.48	18.38	
5	256QAM	12	13	18.46	18.48	18.49	
5	256QAM	25	0	18.56	18.62	18.48	



<LTE Band 66_Ant 2_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.00	23.96	23.94	
20	QPSK	1	49	23.80	23.77	23.96	25
20	QPSK	1	99	23.95	23.92	23.88	
20	QPSK	50	0	23.06	22.97	23.01	
20	QPSK	50	24	23.04	22.93	22.95	24
20	QPSK	50	50	22.98	22.94	22.94	
20	QPSK	100	0	22.97	22.96	22.96	
20	16QAM	1	0	23.24	23.28	23.42	24
20	16QAM	1	49	23.18	23.07	23.23	
20	16QAM	1	99	23.31	23.26	23.20	
20	16QAM	50	0	21.95	21.93	21.96	23
20	16QAM	50	24	21.95	21.88	21.95	
20	16QAM	50	50	21.90	21.87	21.90	
20	16QAM	100	0	21.96	21.94	21.92	23
20	64QAM	1	0	22.14	22.16	22.16	
20	64QAM	1	49	21.96	21.96	21.76	
20	64QAM	1	99	22.08	22.10	22.04	22
20	64QAM	50	0	21.03	20.98	21.02	
20	64QAM	50	24	21.03	20.94	20.98	
20	64QAM	50	50	20.96	20.94	20.99	20
20	64QAM	100	0	20.98	20.91	20.98	
20	256QAM	1	0	19.22	19.12	19.20	
20	256QAM	1	49	18.84	18.84	18.85	20
20	256QAM	1	99	18.92	18.88	18.89	
20	256QAM	50	0	19.11	19.01	19.04	20
20	256QAM	50	24	19.00	18.90	18.89	
20	256QAM	50	50	18.95	18.91	18.98	
20	256QAM	100	0	18.97	18.94	18.99	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.94	23.76	23.90	25
15	QPSK	1	37	23.62	23.61	23.89	
15	QPSK	1	74	23.80	23.91	23.78	
15	QPSK	36	0	22.96	22.87	22.87	24
15	QPSK	36	20	22.96	22.83	22.90	
15	QPSK	36	39	22.92	22.94	22.75	
15	QPSK	75	0	22.94	22.90	22.80	24
15	16QAM	1	0	23.18	23.15	23.23	
15	16QAM	1	37	23.10	23.03	23.09	
15	16QAM	1	74	23.22	23.15	23.19	23
15	16QAM	36	0	21.90	21.73	21.92	
15	16QAM	36	20	21.90	21.87	21.87	
15	16QAM	36	39	21.79	21.87	21.79	23
15	16QAM	75	0	21.93	21.78	21.77	
15	64QAM	1	0	21.97	22.13	22.00	
15	64QAM	1	37	21.78	21.87	21.67	22
15	64QAM	1	74	21.90	21.90	21.92	
15	64QAM	36	0	20.95	20.81	20.98	
15	64QAM	36	20	20.83	20.94	20.80	20
15	64QAM	36	39	20.96	20.82	20.82	
15	64QAM	75	0	20.83	20.88	20.90	
15	256QAM	1	0	19.12	19.02	19.06	20
15	256QAM	1	37	18.73	18.81	18.76	
15	256QAM	1	74	18.85	18.83	18.89	
15	256QAM	36	0	19.00	18.95	18.97	20
15	256QAM	36	20	19.00	18.79	18.81	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.87	18.78	18.91	Tune-up limit (dBm)
15	256QAM	75	0	18.87	18.91	18.98	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.92	23.95	23.94	25
10	QPSK	1	25	23.64	23.69	23.94	
10	QPSK	1	49	23.77	23.92	23.72	
10	QPSK	25	0	22.98	22.83	22.82	24
10	QPSK	25	12	22.86	22.79	22.90	
10	QPSK	25	25	22.95	22.84	22.83	
10	QPSK	50	0	22.94	22.93	22.83	
10	16QAM	1	0	23.14	23.27	23.25	24
10	16QAM	1	25	23.07	22.95	23.12	
10	16QAM	1	49	23.27	23.13	23.15	23
10	16QAM	25	0	21.85	21.92	21.80	
10	16QAM	25	12	21.76	21.75	21.93	
10	16QAM	25	25	21.86	21.78	21.72	
10	16QAM	50	0	21.93	21.93	21.75	23
10	64QAM	1	0	22.00	21.97	21.97	
10	64QAM	1	25	21.86	21.90	21.56	
10	64QAM	1	49	21.92	22.02	21.86	22
10	64QAM	25	0	21.03	20.80	20.86	
10	64QAM	25	12	20.94	20.76	20.95	
10	64QAM	25	25	20.94	20.90	20.97	
10	64QAM	50	0	20.87	20.89	20.92	20
10	256QAM	1	0	19.15	19.07	19.15	
10	256QAM	1	25	18.82	18.73	18.82	
10	256QAM	1	49	18.91	18.70	18.87	
10	256QAM	25	0	19.01	18.85	18.93	20
10	256QAM	25	12	18.85	18.81	18.73	
10	256QAM	25	25	18.80	18.88	18.83	
10	256QAM	50	0	18.86	18.82	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.81	23.96	23.77	25
5	QPSK	1	12	23.62	23.73	23.96	
5	QPSK	1	24	23.86	23.75	23.85	
5	QPSK	12	0	22.96	22.97	22.93	24
5	QPSK	12	7	22.92	22.78	22.95	
5	QPSK	12	13	22.82	22.87	22.89	
5	QPSK	25	0	22.97	22.84	22.89	
5	16QAM	1	0	23.18	23.16	23.41	24
5	16QAM	1	12	23.15	22.94	23.08	
5	16QAM	1	24	23.25	23.10	23.05	
5	16QAM	12	0	21.75	21.78	21.83	23
5	16QAM	12	7	21.88	21.76	21.92	
5	16QAM	12	13	21.87	21.86	21.86	
5	16QAM	25	0	21.90	21.91	21.74	
5	64QAM	1	0	21.98	21.99	22.06	23
5	64QAM	1	12	21.77	21.90	21.72	
5	64QAM	1	24	21.90	22.08	21.93	
5	64QAM	12	0	20.94	20.84	21.01	22
5	64QAM	12	7	20.97	20.86	20.98	
5	64QAM	12	13	20.83	20.89	20.84	
5	64QAM	25	0	20.78	20.89	20.93	
5	256QAM	1	0	19.14	19.07	19.01	20
5	256QAM	1	12	18.81	18.83	18.68	
5	256QAM	1	24	18.91	18.86	18.71	
5	256QAM	12	0	19.05	18.84	18.88	
5	256QAM	12	7	18.94	18.84	18.87	20
5	256QAM	12	13	18.87	18.76	18.94	
5	256QAM	25	0	18.84	18.82	18.82	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.82	23.77	25
3	QPSK	1	8	23.64	23.64	23.80	
3	QPSK	1	14	23.81	23.90	23.78	
3	QPSK	8	0	22.94	22.88	22.99	24
3	QPSK	8	4	23.04	22.80	22.87	
3	QPSK	8	7	22.92	22.77	22.75	
3	QPSK	15	0	22.83	22.86	22.81	
3	16QAM	1	0	23.18	23.10	23.26	24
3	16QAM	1	8	23.10	22.92	23.16	
3	16QAM	1	14	23.12	23.11	23.16	
3	16QAM	8	0	21.80	21.88	21.84	23
3	16QAM	8	4	21.82	21.75	21.88	
3	16QAM	8	7	21.74	21.77	21.84	
3	16QAM	15	0	21.83	21.93	21.73	
3	64QAM	1	0	22.11	21.97	22.06	23
3	64QAM	1	8	21.85	21.84	21.65	
3	64QAM	1	14	21.90	21.95	22.04	
3	64QAM	8	0	20.93	20.88	21.01	22
3	64QAM	8	4	20.86	20.76	20.84	
3	64QAM	8	7	20.89	20.76	20.90	
3	64QAM	15	0	20.90	20.87	20.80	
3	256QAM	1	0	19.04	18.95	19.17	20
3	256QAM	1	8	18.76	18.78	18.73	
3	256QAM	1	14	18.75	18.75	18.70	
3	256QAM	8	0	18.93	19.01	18.86	20
3	256QAM	8	4	18.96	18.74	18.77	
3	256QAM	8	7	18.85	18.84	18.86	
3	256QAM	15	0	18.86	18.87	18.81	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.81	23.86	23.76	25
1.4	QPSK	1	3	23.72	23.60	23.83	
1.4	QPSK	1	5	23.76	23.72	23.82	
1.4	QPSK	3	0	23.95	23.85	23.80	
1.4	QPSK	3	1	23.67	23.61	23.94	
1.4	QPSK	3	3	23.94	23.72	23.86	
1.4	QPSK	6	0	22.98	22.77	22.81	24
1.4	16QAM	1	0	22.93	22.75	22.85	24
1.4	16QAM	1	3	22.93	22.88	22.80	
1.4	16QAM	1	5	22.89	22.85	22.77	
1.4	16QAM	3	0	23.18	23.27	23.34	
1.4	16QAM	3	1	23.16	23.05	23.03	
1.4	16QAM	3	3	23.27	23.08	23.09	
1.4	16QAM	6	0	21.82	21.91	21.85	23
1.4	64QAM	1	0	21.78	21.76	21.87	23
1.4	64QAM	1	3	21.72	21.71	21.73	
1.4	64QAM	1	5	21.92	21.85	21.87	
1.4	64QAM	3	0	21.99	22.14	21.98	
1.4	64QAM	3	1	21.95	21.85	21.74	
1.4	64QAM	3	3	22.05	21.93	21.93	
1.4	64QAM	6	0	20.93	20.89	20.89	22
1.4	256QAM	1	0	19.02	19.02	19.17	20
1.4	256QAM	1	3	18.84	18.76	18.76	
1.4	256QAM	1	5	18.74	18.72	18.75	
1.4	256QAM	3	0	19.03	19.00	19.03	
1.4	256QAM	3	1	18.80	18.70	18.72	
1.4	256QAM	3	3	18.85	18.85	18.81	
1.4	256QAM	6	0	18.88	18.74	18.97	20

**<LTE Band 66 Ant 1 Index 2>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.67	20.65	20.56	21.7
20	QPSK	1	49	20.49	20.51	20.40	
20	QPSK	1	99	20.53	20.37	20.39	
20	QPSK	50	0	20.33	20.23	20.32	21.7
20	QPSK	50	24	20.26	20.19	20.23	
20	QPSK	50	50	20.32	20.23	20.19	
20	QPSK	100	0	20.33	20.33	20.20	
20	16QAM	1	0	20.50	20.38	20.24	21.7
20	16QAM	1	49	20.62	20.24	19.98	
20	16QAM	1	99	20.60	19.87	20.31	
20	16QAM	50	0	20.34	20.13	20.14	21.7
20	16QAM	50	24	20.23	20.29	20.19	
20	16QAM	50	50	20.25	20.14	20.28	
20	16QAM	100	0	20.29	20.23	20.23	
20	64QAM	1	0	20.28	20.30	20.31	21.7
20	64QAM	1	49	20.26	20.22	20.14	
20	64QAM	1	99	20.37	20.19	20.19	
20	64QAM	50	0	20.32	20.13	20.33	21.7
20	64QAM	50	24	20.30	20.23	20.26	
20	64QAM	50	50	20.46	20.28	20.22	
20	64QAM	100	0	20.38	20.33	20.31	
20	256QAM	1	0	18.89	18.89	18.89	20
20	256QAM	1	49	18.46	18.37	18.47	
20	256QAM	1	99	18.58	18.80	18.57	
20	256QAM	50	0	18.76	18.79	18.57	20
20	256QAM	50	24	18.65	18.73	18.66	
20	256QAM	50	50	18.50	18.57	18.52	
20	256QAM	100	0	18.60	18.74	18.63	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.49	20.44	20.36	21.7
15	QPSK	1	37	20.32	20.29	20.15	
15	QPSK	1	74	20.33	20.26	20.28	
15	QPSK	36	0	20.17	19.99	20.08	21.7
15	QPSK	36	20	20.07	19.97	20.03	
15	QPSK	36	39	20.07	20.01	20.12	
15	QPSK	75	0	20.12	20.17	19.97	21.7
15	16QAM	1	0	20.43	20.24	20.01	
15	16QAM	1	37	20.47	20.19	19.84	
15	16QAM	1	74	20.37	19.67	20.08	21.7
15	16QAM	36	0	20.12	19.95	19.91	
15	16QAM	36	20	20.05	20.19	20.11	
15	16QAM	36	39	20.07	20.01	20.07	
15	16QAM	75	0	20.24	20.16	20.05	21.7
15	64QAM	1	0	20.19	20.17	20.25	
15	64QAM	1	37	20.05	20.00	19.95	
15	64QAM	1	74	20.17	20.09	19.94	21.7
15	64QAM	36	0	20.07	20.06	20.21	
15	64QAM	36	20	20.20	20.02	20.15	
15	64QAM	36	39	20.25	20.17	20.01	
15	64QAM	75	0	20.24	20.15	20.13	20
15	256QAM	1	0	18.84	18.74	18.78	
15	256QAM	1	37	18.27	18.25	18.29	
15	256QAM	1	74	18.38	18.60	18.38	20
15	256QAM	36	0	18.66	18.60	18.46	
15	256QAM	36	20	18.42	18.67	18.53	
15	256QAM	36	39	18.25	18.45	18.38	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.47	18.66	18.53	Tune-up limit (dBm)
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.59	20.44	20.49	21.7
10	QPSK	1	25	20.41	20.30	20.15	
10	QPSK	1	49	20.31	20.14	20.25	
10	QPSK	25	0	20.13	20.18	20.15	21.7
10	QPSK	25	12	20.13	20.03	20.05	
10	QPSK	25	25	20.19	19.99	20.01	
10	QPSK	50	0	20.11	20.23	20.09	21.7
10	16QAM	1	0	20.28	20.33	20.07	
10	16QAM	1	25	20.56	20.02	19.76	
10	16QAM	1	49	20.53	19.80	20.22	21.7
10	16QAM	25	0	20.09	20.02	19.90	
10	16QAM	25	12	20.17	20.08	19.95	
10	16QAM	25	25	20.01	19.90	20.20	21.7
10	16QAM	50	0	20.06	20.14	20.04	
10	64QAM	1	0	20.16	20.14	20.26	
10	64QAM	1	25	20.11	20.00	19.92	21.7
10	64QAM	1	49	20.22	19.97	20.10	
10	64QAM	25	0	20.19	19.94	20.15	
10	64QAM	25	12	20.10	20.03	20.11	21.7
10	64QAM	25	25	20.34	20.14	20.15	
10	64QAM	50	0	20.17	20.23	20.11	
10	256QAM	1	0	18.73	18.68	18.79	20
10	256QAM	1	25	18.31	18.26	18.28	
10	256QAM	1	49	18.38	18.60	18.43	
10	256QAM	25	0	18.67	18.57	18.34	20
10	256QAM	25	12	18.52	18.50	18.50	
10	256QAM	25	25	18.26	18.42	18.33	
10	256QAM	50	0	18.45	18.50	18.48	Tune-up limit (dBm)
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.46	20.52	20.33	21.7
5	QPSK	1	12	20.35	20.40	20.16	
5	QPSK	1	24	20.35	20.16	20.33	
5	QPSK	12	0	20.19	20.10	20.14	21.7
5	QPSK	12	7	20.09	20.01	20.13	
5	QPSK	12	13	20.11	20.18	20.13	
5	QPSK	25	0	20.15	20.10	20.12	21.7
5	16QAM	1	0	20.37	20.31	20.12	
5	16QAM	1	12	20.50	20.01	19.76	
5	16QAM	1	24	20.55	19.68	20.21	21.7
5	16QAM	12	0	20.13	19.99	19.93	
5	16QAM	12	7	19.99	20.07	20.03	
5	16QAM	12	13	20.00	20.04	20.08	21.7
5	16QAM	25	0	20.05	20.02	20.15	
5	64QAM	1	0	20.10	20.19	20.08	
5	64QAM	1	12	20.10	20.07	19.98	21.7
5	64QAM	1	24	20.16	20.06	20.13	
5	64QAM	12	0	20.11	19.93	20.11	
5	64QAM	12	7	20.15	20.16	20.01	21.7
5	64QAM	12	13	20.32	20.09	20.16	
5	64QAM	25	0	20.21	20.26	20.25	
5	256QAM	1	0	18.76	18.71	18.78	20
5	256QAM	1	12	18.36	18.27	18.30	
5	256QAM	1	24	18.38	18.70	18.32	
5	256QAM	12	0	18.56	18.62	18.42	20
5	256QAM	12	7	18.40	18.49	18.47	
5	256QAM	12	13	18.36	18.36	18.34	
5	256QAM	25	0	18.37	18.58	18.51	Tune-up limit (dBm)
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	



FCC SAR TEST REPORT

Report No. : FA4N0920C

3	QPSK	1	0	20.45	20.49	20.32	21.7
3	QPSK	1	8	20.29	20.38	20.29	
3	QPSK	1	14	20.38	20.17	20.16	
3	QPSK	8	0	20.15	20.09	20.17	21.7
3	QPSK	8	4	20.06	19.94	20.05	
3	QPSK	8	7	20.08	20.18	20.05	
3	QPSK	15	0	20.15	20.22	20.09	21.7
3	16QAM	1	0	20.41	20.31	20.16	
3	16QAM	1	8	20.41	20.06	19.76	
3	16QAM	1	14	20.38	19.66	20.26	21.7
3	16QAM	8	0	20.22	19.91	20.05	
3	16QAM	8	4	19.98	20.17	20.10	
3	16QAM	8	7	20.00	19.90	20.07	21.7
3	16QAM	15	0	20.20	20.18	20.12	
3	64QAM	1	0	20.17	20.05	20.23	
3	64QAM	1	8	20.20	20.09	19.96	21.7
3	64QAM	1	14	20.22	19.94	20.05	
3	64QAM	8	0	20.19	20.03	20.12	
3	64QAM	8	4	20.07	20.04	20.20	21.7
3	64QAM	8	7	20.26	20.13	19.99	
3	64QAM	15	0	20.20	20.12	20.07	
3	256QAM	1	0	18.72	18.64	18.80	20
3	256QAM	1	8	18.34	18.16	18.24	
3	256QAM	1	14	18.37	18.55	18.39	
3	256QAM	8	0	18.69	18.73	18.34	20
3	256QAM	8	4	18.43	18.60	18.45	
3	256QAM	8	7	18.42	18.44	18.35	
3	256QAM	15	0	18.48	18.66	18.39	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.43	20.51	20.32	21.7
1.4	QPSK	1	3	20.44	20.44	20.28	
1.4	QPSK	1	5	20.37	20.14	20.31	
1.4	QPSK	3	0	20.14	20.02	20.08	
1.4	QPSK	3	1	20.09	20.11	19.98	
1.4	QPSK	3	3	20.25	20.18	19.96	21.7
1.4	QPSK	6	0	20.19	20.17	19.99	
1.4	16QAM	1	0	20.44	20.29	20.08	21.7
1.4	16QAM	1	3	20.45	20.15	19.93	
1.4	16QAM	1	5	20.41	19.78	20.24	
1.4	16QAM	3	0	20.23	20.08	19.92	
1.4	16QAM	3	1	20.12	20.06	19.96	
1.4	16QAM	3	3	20.02	20.07	20.06	21.7
1.4	16QAM	6	0	20.16	20.01	20.17	
1.4	64QAM	1	0	20.17	20.19	20.18	21.7
1.4	64QAM	1	3	20.08	19.98	19.97	
1.4	64QAM	1	5	20.25	20.09	19.94	
1.4	64QAM	3	0	20.08	20.06	20.24	
1.4	64QAM	3	1	20.19	20.18	20.15	
1.4	64QAM	3	3	20.22	20.20	20.16	21.7
1.4	64QAM	6	0	20.28	20.19	20.17	
1.4	256QAM	1	0	18.78	18.67	18.67	20
1.4	256QAM	1	3	18.41	18.24	18.23	
1.4	256QAM	1	5	18.35	18.64	18.33	
1.4	256QAM	3	0	18.58	18.69	18.44	
1.4	256QAM	3	1	18.46	18.62	18.54	
1.4	256QAM	3	3	18.41	18.40	18.46	20
1.4	256QAM	6	0	18.36	18.67	18.47	



<LTE Band 66_Ant 0_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.01	23.87	24.02	25
20	QPSK	1	49	23.91	23.78	23.92	
20	QPSK	1	99	24.00	23.81	23.93	
20	QPSK	50	0	22.96	22.95	22.97	24
20	QPSK	50	24	22.93	22.92	22.94	
20	QPSK	50	50	22.94	22.84	22.94	
20	QPSK	100	0	22.97	22.89	22.99	
20	16QAM	1	0	23.18	23.04	23.12	24
20	16QAM	1	49	23.14	23.11	23.15	
20	16QAM	1	99	23.27	23.13	23.11	
20	16QAM	50	0	21.94	21.93	21.91	23
20	16QAM	50	24	21.97	21.79	21.95	
20	16QAM	50	50	21.98	21.78	21.87	
20	16QAM	100	0	21.99	21.91	21.92	
20	64QAM	1	0	22.27	22.04	22.10	23
20	64QAM	1	49	22.01	21.92	22.14	
20	64QAM	1	99	22.12	22.03	22.02	
20	64QAM	50	0	21.03	20.95	20.98	22
20	64QAM	50	24	21.02	20.91	20.92	
20	64QAM	50	50	21.02	20.92	20.95	
20	64QAM	100	0	21.04	20.96	20.93	
20	256QAM	1	0	18.97	18.96	19.03	20
20	256QAM	1	49	18.92	18.87	18.88	
20	256QAM	1	99	18.87	18.84	18.88	
20	256QAM	50	0	18.94	18.77	18.96	20
20	256QAM	50	24	18.81	18.80	18.89	
20	256QAM	50	50	18.80	18.81	19.00	
20	256QAM	100	0	18.97	18.77	18.95	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.76	24.00	25
15	QPSK	1	37	23.74	23.65	23.83	
15	QPSK	1	74	23.98	23.72	23.92	
15	QPSK	36	0	22.93	22.84	22.85	24
15	QPSK	36	20	22.78	22.73	22.76	
15	QPSK	36	39	22.88	22.80	22.77	
15	QPSK	75	0	22.96	22.69	22.96	
15	16QAM	1	0	23.13	23.04	22.99	24
15	16QAM	1	37	23.08	22.94	23.14	
15	16QAM	1	74	23.09	23.00	22.99	
15	16QAM	36	0	21.83	21.82	21.73	23
15	16QAM	36	20	21.93	21.78	21.94	
15	16QAM	36	39	21.83	21.72	21.83	
15	16QAM	75	0	21.94	21.82	21.86	
15	64QAM	1	0	22.22	21.97	22.10	23
15	64QAM	1	37	21.90	21.75	22.01	
15	64QAM	1	74	21.98	21.86	21.82	
15	64QAM	36	0	21.02	20.90	20.78	22
15	64QAM	36	20	20.97	20.73	20.78	
15	64QAM	36	39	20.97	20.78	20.83	
15	64QAM	75	0	20.91	20.84	20.87	
15	256QAM	1	0	18.85	18.81	18.87	20
15	256QAM	1	37	18.82	18.78	18.83	
15	256QAM	1	74	18.71	18.74	18.74	
15	256QAM	36	0	18.92	18.71	18.82	20
15	256QAM	36	20	18.81	18.68	18.70	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.67	18.82	Tune-up limit (dBm)
15	256QAM	75	0	18.77	18.66	18.87	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.69	23.85	25
10	QPSK	1	25	23.84	23.69	23.87	
10	QPSK	1	49	23.99	23.79	23.79	
10	QPSK	25	0	22.96	22.76	22.97	24
10	QPSK	25	12	22.77	22.73	22.94	
10	QPSK	25	25	22.75	22.73	22.84	
10	QPSK	50	0	22.96	22.82	22.99	
10	16QAM	1	0	23.08	22.98	23.12	24
10	16QAM	1	25	22.98	23.07	23.04	
10	16QAM	1	49	23.19	22.98	22.97	23
10	16QAM	25	0	21.80	21.91	21.72	
10	16QAM	25	12	21.93	21.61	21.93	
10	16QAM	25	25	21.88	21.75	21.82	
10	16QAM	50	0	21.90	21.91	21.83	23
10	64QAM	1	0	22.22	21.94	22.10	
10	64QAM	1	25	21.98	21.73	22.11	
10	64QAM	1	49	21.94	21.96	21.92	22
10	64QAM	25	0	21.03	20.81	20.87	
10	64QAM	25	12	20.93	20.80	20.75	
10	64QAM	25	25	20.92	20.89	20.82	
10	64QAM	50	0	21.03	20.96	20.80	20
10	256QAM	1	0	18.93	18.77	19.02	
10	256QAM	1	25	18.83	18.86	18.85	
10	256QAM	1	49	18.72	18.80	18.83	
10	256QAM	25	0	18.88	18.68	18.78	20
10	256QAM	25	12	18.68	18.74	18.78	
10	256QAM	25	25	18.80	18.62	18.87	
10	256QAM	50	0	18.77	18.66	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.85	23.84	23.98	25
5	QPSK	1	12	23.89	23.61	23.77	
5	QPSK	1	24	23.87	23.77	23.73	
5	QPSK	12	0	22.83	22.89	22.89	24
5	QPSK	12	7	22.76	22.73	22.92	
5	QPSK	12	13	22.82	22.70	22.74	
5	QPSK	25	0	22.79	22.83	22.99	
5	16QAM	1	0	23.04	22.86	23.09	24
5	16QAM	1	12	23.04	22.97	22.97	
5	16QAM	1	24	23.24	22.99	23.04	
5	16QAM	12	0	21.91	21.88	21.79	23
5	16QAM	12	7	21.97	21.60	21.84	
5	16QAM	12	13	21.80	21.73	21.80	
5	16QAM	25	0	21.97	21.83	21.81	
5	64QAM	1	0	22.27	21.91	22.07	23
5	64QAM	1	12	21.94	21.79	22.11	
5	64QAM	1	24	21.97	21.94	21.82	
5	64QAM	12	0	20.96	20.94	20.84	22
5	64QAM	12	7	20.94	20.74	20.72	
5	64QAM	12	13	21.01	20.91	20.80	
5	64QAM	25	0	20.95	20.80	20.73	
5	256QAM	1	0	18.81	18.82	18.89	20
5	256QAM	1	12	18.82	18.67	18.86	
5	256QAM	1	24	18.74	18.81	18.81	
5	256QAM	12	0	18.92	18.76	18.79	20
5	256QAM	12	7	18.78	18.65	18.82	
5	256QAM	12	13	18.64	18.76	18.98	
5	256QAM	25	0	18.86	18.75	18.86	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.85	23.82	23.86	25
3	QPSK	1	8	23.83	23.74	23.78	
3	QPSK	1	14	23.92	23.63	23.73	
3	QPSK	8	0	22.91	22.83	22.87	24
3	QPSK	8	4	22.91	22.92	22.79	
3	QPSK	8	7	22.80	22.65	22.78	
3	QPSK	15	0	22.96	22.77	22.95	
3	16QAM	1	0	23.15	23.01	23.05	24
3	16QAM	1	8	23.13	23.00	22.99	
3	16QAM	1	14	23.17	22.99	23.05	
3	16QAM	8	0	21.90	21.87	21.76	23
3	16QAM	8	4	21.80	21.78	21.78	
3	16QAM	8	7	21.89	21.64	21.74	
3	16QAM	15	0	21.82	21.71	21.73	
3	64QAM	1	0	22.26	22.02	21.93	23
3	64QAM	1	8	21.86	21.86	22.03	
3	64QAM	1	14	21.92	22.02	21.88	
3	64QAM	8	0	20.90	20.79	20.98	22
3	64QAM	8	4	21.01	20.73	20.85	
3	64QAM	8	7	20.93	20.73	20.90	
3	64QAM	15	0	21.02	20.80	20.75	
3	256QAM	1	0	18.86	18.95	18.92	20
3	256QAM	1	8	18.87	18.82	18.77	
3	256QAM	1	14	18.74	18.67	18.81	
3	256QAM	8	0	18.78	18.58	18.89	20
3	256QAM	8	4	18.77	18.63	18.72	
3	256QAM	8	7	18.79	18.80	18.91	
3	256QAM	15	0	18.84	18.75	18.87	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.93	23.73	23.84	25
1.4	QPSK	1	3	23.75	23.68	23.82	
1.4	QPSK	1	5	23.98	23.80	23.85	
1.4	QPSK	3	0	23.90	23.67	24.00	
1.4	QPSK	3	1	23.89	23.71	23.89	
1.4	QPSK	3	3	23.95	23.81	23.73	
1.4	QPSK	6	0	22.76	22.80	22.91	24
1.4	16QAM	1	0	22.90	22.85	22.86	24
1.4	16QAM	1	3	22.85	22.69	22.82	
1.4	16QAM	1	5	22.86	22.78	22.88	
1.4	16QAM	3	0	23.01	22.94	22.94	
1.4	16QAM	3	1	23.08	22.91	23.09	
1.4	16QAM	3	3	23.07	23.06	22.96	23
1.4	16QAM	6	0	21.88	21.81	21.81	
1.4	64QAM	1	0	21.95	21.72	21.77	23
1.4	64QAM	1	3	21.98	21.64	21.73	
1.4	64QAM	1	5	21.99	21.87	21.88	
1.4	64QAM	3	0	22.19	21.87	21.96	
1.4	64QAM	3	1	21.84	21.72	22.04	
1.4	64QAM	3	3	22.06	21.95	21.95	22
1.4	64QAM	6	0	21.03	20.78	20.91	
1.4	256QAM	1	0	18.91	18.89	18.84	20
1.4	256QAM	1	3	18.76	18.78	18.88	
1.4	256QAM	1	5	18.79	18.75	18.79	
1.4	256QAM	3	0	18.86	18.69	18.96	
1.4	256QAM	3	1	18.72	18.60	18.86	
1.4	256QAM	3	3	18.79	18.65	18.96	20
1.4	256QAM	6	0	18.87	18.72	18.89	



<LTE Band 66_Ant 5_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	25
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	24
20	16QAM	1	0	23.06	23.05	23.03	
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	23
20	16QAM	50	0	21.74	21.78	21.75	
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	23
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	
20	64QAM	1	49	21.82	21.74	21.90	22
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	
20	64QAM	50	24	20.75	20.74	20.81	20
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	25
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	24
15	16QAM	1	0	22.89	22.91	22.85	
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	23
15	16QAM	36	0	21.70	21.74	21.62	
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	23
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	
15	64QAM	1	37	21.82	21.74	21.72	22
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	
15	64QAM	36	20	20.70	20.60	20.64	20
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	25
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	23
10	16QAM	25	0	21.73	21.67	21.71	
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	23
10	64QAM	1	0	21.90	21.71	21.87	
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	22
10	64QAM	25	0	20.82	20.65	20.69	
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	20
10	256QAM	1	0	18.90	18.82	18.73	
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	25
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	25
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	25
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	23
1.4	16QAM	6	0	21.82	21.78	21.69	
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	22
1.4	64QAM	6	0	20.84	20.64	20.74	
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	20
1.4	256QAM	6	0	18.62	18.69	18.62	



<LTE Band 66_Ant 2_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.00	23.96	23.94	
20	QPSK	1	49	23.80	23.77	23.96	25
20	QPSK	1	99	23.95	23.92	23.88	
20	QPSK	50	0	23.06	22.97	23.01	
20	QPSK	50	24	23.04	22.93	22.95	24
20	QPSK	50	50	22.98	22.94	22.94	
20	QPSK	100	0	22.97	22.96	22.96	
20	16QAM	1	0	23.24	23.28	23.42	24
20	16QAM	1	49	23.18	23.07	23.23	
20	16QAM	1	99	23.31	23.26	23.20	
20	16QAM	50	0	21.95	21.93	21.96	23
20	16QAM	50	24	21.95	21.88	21.95	
20	16QAM	50	50	21.90	21.87	21.90	
20	16QAM	100	0	21.96	21.94	21.92	23
20	64QAM	1	0	22.14	22.16	22.16	
20	64QAM	1	49	21.96	21.96	21.76	
20	64QAM	1	99	22.08	22.10	22.04	22
20	64QAM	50	0	21.03	20.98	21.02	
20	64QAM	50	24	21.03	20.94	20.98	
20	64QAM	50	50	20.96	20.94	20.99	20
20	64QAM	100	0	20.98	20.91	20.98	
20	256QAM	1	0	19.22	19.12	19.20	
20	256QAM	1	49	18.84	18.84	18.85	20
20	256QAM	1	99	18.92	18.88	18.89	
20	256QAM	50	0	19.11	19.01	19.04	
20	256QAM	50	24	19.00	18.90	18.89	20
20	256QAM	50	50	18.95	18.91	18.98	
20	256QAM	100	0	18.97	18.94	18.99	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.94	23.76	23.90	
15	QPSK	1	37	23.62	23.61	23.89	25
15	QPSK	1	74	23.80	23.91	23.78	
15	QPSK	36	0	22.96	22.87	22.87	24
15	QPSK	36	20	22.96	22.83	22.90	
15	QPSK	36	39	22.92	22.94	22.75	
15	QPSK	75	0	22.94	22.90	22.80	24
15	16QAM	1	0	23.18	23.15	23.23	
15	16QAM	1	37	23.10	23.03	23.09	
15	16QAM	1	74	23.22	23.15	23.19	23
15	16QAM	36	0	21.90	21.73	21.92	
15	16QAM	36	20	21.90	21.87	21.87	
15	16QAM	36	39	21.79	21.87	21.79	23
15	16QAM	75	0	21.93	21.78	21.77	
15	64QAM	1	0	21.97	22.13	22.00	
15	64QAM	1	37	21.78	21.87	21.67	22
15	64QAM	1	74	21.90	21.90	21.92	
15	64QAM	36	0	20.95	20.81	20.98	
15	64QAM	36	20	20.83	20.94	20.80	20
15	64QAM	36	39	20.96	20.82	20.82	
15	64QAM	75	0	20.83	20.88	20.90	
15	256QAM	1	0	19.12	19.02	19.06	20
15	256QAM	1	37	18.73	18.81	18.76	
15	256QAM	1	74	18.85	18.83	18.89	
15	256QAM	36	0	19.00	18.95	18.97	20
15	256QAM	36	20	19.00	18.79	18.81	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.87	18.78	18.91	Tune-up limit (dBm)
15	256QAM	75	0	18.87	18.91	18.98	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.92	23.95	23.94	25
10	QPSK	1	25	23.64	23.69	23.94	
10	QPSK	1	49	23.77	23.92	23.72	
10	QPSK	25	0	22.98	22.83	22.82	24
10	QPSK	25	12	22.86	22.79	22.90	
10	QPSK	25	25	22.95	22.84	22.83	
10	QPSK	50	0	22.94	22.93	22.83	
10	16QAM	1	0	23.14	23.27	23.25	24
10	16QAM	1	25	23.07	22.95	23.12	
10	16QAM	1	49	23.27	23.13	23.15	23
10	16QAM	25	0	21.85	21.92	21.80	
10	16QAM	25	12	21.76	21.75	21.93	
10	16QAM	25	25	21.86	21.78	21.72	
10	16QAM	50	0	21.93	21.93	21.75	23
10	64QAM	1	0	22.00	21.97	21.97	
10	64QAM	1	25	21.86	21.90	21.56	
10	64QAM	1	49	21.92	22.02	21.86	22
10	64QAM	25	0	21.03	20.80	20.86	
10	64QAM	25	12	20.94	20.76	20.95	
10	64QAM	25	25	20.94	20.90	20.97	
10	64QAM	50	0	20.87	20.89	20.92	20
10	256QAM	1	0	19.15	19.07	19.15	
10	256QAM	1	25	18.82	18.73	18.82	
10	256QAM	1	49	18.91	18.70	18.87	
10	256QAM	25	0	19.01	18.85	18.93	20
10	256QAM	25	12	18.85	18.81	18.73	
10	256QAM	25	25	18.80	18.88	18.83	
10	256QAM	50	0	18.86	18.82	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.81	23.96	23.77	25
5	QPSK	1	12	23.62	23.73	23.96	
5	QPSK	1	24	23.86	23.75	23.85	
5	QPSK	12	0	22.96	22.97	22.93	24
5	QPSK	12	7	22.92	22.78	22.95	
5	QPSK	12	13	22.82	22.87	22.89	
5	QPSK	25	0	22.97	22.84	22.89	
5	16QAM	1	0	23.18	23.16	23.41	24
5	16QAM	1	12	23.15	22.94	23.08	
5	16QAM	1	24	23.25	23.10	23.05	
5	16QAM	12	0	21.75	21.78	21.83	23
5	16QAM	12	7	21.88	21.76	21.92	
5	16QAM	12	13	21.87	21.86	21.86	
5	16QAM	25	0	21.90	21.91	21.74	
5	64QAM	1	0	21.98	21.99	22.06	23
5	64QAM	1	12	21.77	21.90	21.72	
5	64QAM	1	24	21.90	22.08	21.93	
5	64QAM	12	0	20.94	20.84	21.01	22
5	64QAM	12	7	20.97	20.86	20.98	
5	64QAM	12	13	20.83	20.89	20.84	
5	64QAM	25	0	20.78	20.89	20.93	
5	256QAM	1	0	19.14	19.07	19.01	20
5	256QAM	1	12	18.81	18.83	18.68	
5	256QAM	1	24	18.91	18.86	18.71	
5	256QAM	12	0	19.05	18.84	18.88	
5	256QAM	12	7	18.94	18.84	18.87	20
5	256QAM	12	13	18.87	18.76	18.94	
5	256QAM	25	0	18.84	18.82	18.82	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.82	23.77	25
3	QPSK	1	8	23.64	23.64	23.80	
3	QPSK	1	14	23.81	23.90	23.78	
3	QPSK	8	0	22.94	22.88	22.99	24
3	QPSK	8	4	23.04	22.80	22.87	
3	QPSK	8	7	22.92	22.77	22.75	
3	QPSK	15	0	22.83	22.86	22.81	
3	16QAM	1	0	23.18	23.10	23.26	24
3	16QAM	1	8	23.10	22.92	23.16	
3	16QAM	1	14	23.12	23.11	23.16	
3	16QAM	8	0	21.80	21.88	21.84	23
3	16QAM	8	4	21.82	21.75	21.88	
3	16QAM	8	7	21.74	21.77	21.84	
3	16QAM	15	0	21.83	21.93	21.73	
3	64QAM	1	0	22.11	21.97	22.06	23
3	64QAM	1	8	21.85	21.84	21.65	
3	64QAM	1	14	21.90	21.95	22.04	
3	64QAM	8	0	20.93	20.88	21.01	22
3	64QAM	8	4	20.86	20.76	20.84	
3	64QAM	8	7	20.89	20.76	20.90	
3	64QAM	15	0	20.90	20.87	20.80	
3	256QAM	1	0	19.04	18.95	19.17	20
3	256QAM	1	8	18.76	18.78	18.73	
3	256QAM	1	14	18.75	18.75	18.70	
3	256QAM	8	0	18.93	19.01	18.86	20
3	256QAM	8	4	18.96	18.74	18.77	
3	256QAM	8	7	18.85	18.84	18.86	
3	256QAM	15	0	18.86	18.87	18.81	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.81	23.86	23.76	25
1.4	QPSK	1	3	23.72	23.60	23.83	
1.4	QPSK	1	5	23.76	23.72	23.82	
1.4	QPSK	3	0	23.95	23.85	23.80	
1.4	QPSK	3	1	23.67	23.61	23.94	
1.4	QPSK	3	3	23.94	23.72	23.86	
1.4	QPSK	6	0	22.98	22.77	22.81	24
1.4	16QAM	1	0	22.93	22.75	22.85	24
1.4	16QAM	1	3	22.93	22.88	22.80	
1.4	16QAM	1	5	22.89	22.85	22.77	
1.4	16QAM	3	0	23.18	23.27	23.34	
1.4	16QAM	3	1	23.16	23.05	23.03	
1.4	16QAM	3	3	23.27	23.08	23.09	23
1.4	16QAM	6	0	21.82	21.91	21.85	
1.4	64QAM	1	0	21.78	21.76	21.87	23
1.4	64QAM	1	3	21.72	21.71	21.73	
1.4	64QAM	1	5	21.92	21.85	21.87	
1.4	64QAM	3	0	21.99	22.14	21.98	
1.4	64QAM	3	1	21.95	21.85	21.74	
1.4	64QAM	3	3	22.05	21.93	21.93	22
1.4	64QAM	6	0	20.93	20.89	20.89	
1.4	256QAM	1	0	19.02	19.02	19.17	20
1.4	256QAM	1	3	18.84	18.76	18.76	
1.4	256QAM	1	5	18.74	18.72	18.75	
1.4	256QAM	3	0	19.03	19.00	19.03	
1.4	256QAM	3	1	18.80	18.70	18.72	
1.4	256QAM	3	3	18.85	18.85	18.81	20
1.4	256QAM	6	0	18.88	18.74	18.97	



FCC SAR TEST REPORT

Report No. : FA4N0920C

<LTE Band 66 Ant 1 Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.67	20.65	20.56	21
20	QPSK	1	49	20.49	20.51	20.40	
20	QPSK	1	99	20.53	20.37	20.39	
20	QPSK	50	0	20.33	20.23	20.32	21
20	QPSK	50	24	20.26	20.19	20.23	
20	QPSK	50	50	20.32	20.23	20.19	
20	QPSK	100	0	20.33	20.33	20.20	
20	16QAM	1	0	20.50	20.38	20.24	21
20	16QAM	1	49	20.62	20.24	19.98	
20	16QAM	1	99	20.60	19.87	20.31	
20	16QAM	50	0	20.34	20.13	20.14	21
20	16QAM	50	24	20.23	20.29	20.19	
20	16QAM	50	50	20.25	20.14	20.28	
20	16QAM	100	0	20.29	20.23	20.23	
20	64QAM	1	0	20.28	20.30	20.31	21
20	64QAM	1	49	20.26	20.22	20.14	
20	64QAM	1	99	20.37	20.19	20.19	
20	64QAM	50	0	20.32	20.13	20.33	21
20	64QAM	50	24	20.30	20.23	20.26	
20	64QAM	50	50	20.46	20.28	20.22	
20	64QAM	100	0	20.38	20.33	20.31	
20	256QAM	1	0	18.89	18.89	18.89	20
20	256QAM	1	49	18.46	18.37	18.47	
20	256QAM	1	99	18.58	18.80	18.57	
20	256QAM	50	0	18.76	18.79	18.57	20
20	256QAM	50	24	18.65	18.73	18.66	
20	256QAM	50	50	18.50	18.57	18.52	
20	256QAM	100	0	18.60	18.74	18.63	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.49	20.44	20.36	21
15	QPSK	1	37	20.32	20.29	20.15	
15	QPSK	1	74	20.33	20.26	20.28	
15	QPSK	36	0	20.17	19.99	20.08	21
15	QPSK	36	20	20.07	19.97	20.03	
15	QPSK	36	39	20.07	20.01	20.12	
15	QPSK	75	0	20.12	20.17	19.97	
15	16QAM	1	0	20.43	20.24	20.01	21
15	16QAM	1	37	20.47	20.19	19.84	
15	16QAM	1	74	20.37	19.67	20.08	
15	16QAM	36	0	20.12	19.95	19.91	21
15	16QAM	36	20	20.05	20.19	20.11	
15	16QAM	36	39	20.07	20.01	20.07	
15	16QAM	75	0	20.24	20.16	20.05	
15	64QAM	1	0	20.19	20.17	20.25	21
15	64QAM	1	37	20.05	20.00	19.95	
15	64QAM	1	74	20.17	20.09	19.94	
15	64QAM	36	0	20.07	20.06	20.21	21
15	64QAM	36	20	20.20	20.02	20.15	
15	64QAM	36	39	20.25	20.17	20.01	
15	64QAM	75	0	20.24	20.15	20.13	
15	256QAM	1	0	18.84	18.74	18.78	20
15	256QAM	1	37	18.27	18.25	18.29	
15	256QAM	1	74	18.38	18.60	18.38	
15	256QAM	36	0	18.66	18.60	18.46	20
15	256QAM	36	20	18.42	18.67	18.53	
15	256QAM	36	39	18.25	18.45	18.38	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.47	18.66	18.53	Tune-up limit (dBm)
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.59	20.44	20.49	21
10	QPSK	1	25	20.41	20.30	20.15	
10	QPSK	1	49	20.31	20.14	20.25	
10	QPSK	25	0	20.13	20.18	20.15	21
10	QPSK	25	12	20.13	20.03	20.05	
10	QPSK	25	25	20.19	19.99	20.01	
10	QPSK	50	0	20.11	20.23	20.09	21
10	16QAM	1	0	20.28	20.33	20.07	
10	16QAM	1	25	20.56	20.02	19.76	
10	16QAM	1	49	20.53	19.80	20.22	21
10	16QAM	25	0	20.09	20.02	19.90	
10	16QAM	25	12	20.17	20.08	19.95	
10	16QAM	25	25	20.01	19.90	20.20	21
10	16QAM	50	0	20.06	20.14	20.04	
10	64QAM	1	0	20.16	20.14	20.26	
10	64QAM	1	25	20.11	20.00	19.92	21
10	64QAM	1	49	20.22	19.97	20.10	
10	64QAM	25	0	20.19	19.94	20.15	
10	64QAM	25	12	20.10	20.03	20.11	21
10	64QAM	25	25	20.34	20.14	20.15	
10	64QAM	50	0	20.17	20.23	20.11	
10	256QAM	1	0	18.73	18.68	18.79	20
10	256QAM	1	25	18.31	18.26	18.28	
10	256QAM	1	49	18.38	18.60	18.43	
10	256QAM	25	0	18.67	18.57	18.34	20
10	256QAM	25	12	18.52	18.50	18.50	
10	256QAM	25	25	18.26	18.42	18.33	
10	256QAM	50	0	18.45	18.50	18.48	Tune-up limit (dBm)
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.46	20.52	20.33	21
5	QPSK	1	12	20.35	20.40	20.16	
5	QPSK	1	24	20.35	20.16	20.33	
5	QPSK	12	0	20.19	20.10	20.14	21
5	QPSK	12	7	20.09	20.01	20.13	
5	QPSK	12	13	20.11	20.18	20.13	
5	QPSK	25	0	20.15	20.10	20.12	21
5	16QAM	1	0	20.37	20.31	20.12	
5	16QAM	1	12	20.50	20.01	19.76	
5	16QAM	1	24	20.55	19.68	20.21	21
5	16QAM	12	0	20.13	19.99	19.93	
5	16QAM	12	7	19.99	20.07	20.03	
5	16QAM	12	13	20.00	20.04	20.08	21
5	16QAM	25	0	20.05	20.02	20.15	
5	64QAM	1	0	20.10	20.19	20.08	
5	64QAM	1	12	20.10	20.07	19.98	21
5	64QAM	1	24	20.16	20.06	20.13	
5	64QAM	12	0	20.11	19.93	20.11	
5	64QAM	12	7	20.15	20.16	20.01	21
5	64QAM	12	13	20.32	20.09	20.16	
5	64QAM	25	0	20.21	20.26	20.25	
5	256QAM	1	0	18.76	18.71	18.78	20
5	256QAM	1	12	18.36	18.27	18.30	
5	256QAM	1	24	18.38	18.70	18.32	
5	256QAM	12	0	18.56	18.62	18.42	20
5	256QAM	12	7	18.40	18.49	18.47	
5	256QAM	12	13	18.36	18.36	18.34	
5	256QAM	25	0	18.37	18.58	18.51	Tune-up limit (dBm)
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	



FCC SAR TEST REPORT

Report No. : FA4N0920C

3	QPSK	1	0	20.45	20.49	20.32	21
3	QPSK	1	8	20.29	20.38	20.29	
3	QPSK	1	14	20.38	20.17	20.16	
3	QPSK	8	0	20.15	20.09	20.17	21
3	QPSK	8	4	20.06	19.94	20.05	
3	QPSK	8	7	20.08	20.18	20.05	
3	QPSK	15	0	20.15	20.22	20.09	21
3	16QAM	1	0	20.41	20.31	20.16	
3	16QAM	1	8	20.41	20.06	19.76	
3	16QAM	1	14	20.38	19.66	20.26	21
3	16QAM	8	0	20.22	19.91	20.05	
3	16QAM	8	4	19.98	20.17	20.10	
3	16QAM	8	7	20.00	19.90	20.07	21
3	16QAM	15	0	20.20	20.18	20.12	
3	64QAM	1	0	20.17	20.05	20.23	
3	64QAM	1	8	20.20	20.09	19.96	21
3	64QAM	1	14	20.22	19.94	20.05	
3	64QAM	8	0	20.19	20.03	20.12	
3	64QAM	8	4	20.07	20.04	20.20	21
3	64QAM	8	7	20.26	20.13	19.99	
3	64QAM	15	0	20.20	20.12	20.07	
3	256QAM	1	0	18.72	18.64	18.80	20
3	256QAM	1	8	18.34	18.16	18.24	
3	256QAM	1	14	18.37	18.55	18.39	
3	256QAM	8	0	18.69	18.73	18.34	20
3	256QAM	8	4	18.43	18.60	18.45	
3	256QAM	8	7	18.42	18.44	18.35	
3	256QAM	15	0	18.48	18.66	18.39	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.43	20.51	20.32	21
1.4	QPSK	1	3	20.44	20.44	20.28	
1.4	QPSK	1	5	20.37	20.14	20.31	
1.4	QPSK	3	0	20.14	20.02	20.08	
1.4	QPSK	3	1	20.09	20.11	19.98	
1.4	QPSK	3	3	20.25	20.18	19.96	21
1.4	QPSK	6	0	20.19	20.17	19.99	
1.4	16QAM	1	0	20.44	20.29	20.08	21
1.4	16QAM	1	3	20.45	20.15	19.93	
1.4	16QAM	1	5	20.41	19.78	20.24	
1.4	16QAM	3	0	20.23	20.08	19.92	
1.4	16QAM	3	1	20.12	20.06	19.96	
1.4	16QAM	3	3	20.02	20.07	20.06	21
1.4	16QAM	6	0	20.16	20.01	20.17	
1.4	64QAM	1	0	20.17	20.19	20.18	21
1.4	64QAM	1	3	20.08	19.98	19.97	
1.4	64QAM	1	5	20.25	20.09	19.94	
1.4	64QAM	3	0	20.08	20.06	20.24	
1.4	64QAM	3	1	20.19	20.18	20.15	
1.4	64QAM	3	3	20.22	20.20	20.16	21
1.4	64QAM	6	0	20.28	20.19	20.17	
1.4	256QAM	1	0	18.78	18.67	18.67	20
1.4	256QAM	1	3	18.41	18.24	18.23	
1.4	256QAM	1	5	18.35	18.64	18.33	
1.4	256QAM	3	0	18.58	18.69	18.44	
1.4	256QAM	3	1	18.46	18.62	18.54	
1.4	256QAM	3	3	18.41	18.40	18.46	20
1.4	256QAM	6	0	18.36	18.67	18.47	



<LTE Band 66_Ant 0_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.01	23.87	24.02	25
20	QPSK	1	49	23.91	23.78	23.92	
20	QPSK	1	99	24.00	23.81	23.93	
20	QPSK	50	0	22.96	22.95	22.97	24
20	QPSK	50	24	22.93	22.92	22.94	
20	QPSK	50	50	22.94	22.84	22.94	
20	QPSK	100	0	22.97	22.89	22.99	24
20	16QAM	1	0	23.18	23.04	23.12	
20	16QAM	1	49	23.14	23.11	23.15	
20	16QAM	1	99	23.27	23.13	23.11	23
20	16QAM	50	0	21.94	21.93	21.91	
20	16QAM	50	24	21.97	21.79	21.95	
20	16QAM	50	50	21.98	21.78	21.87	23
20	16QAM	100	0	21.99	21.91	21.92	
20	64QAM	1	0	22.27	22.04	22.10	
20	64QAM	1	49	22.01	21.92	22.14	22
20	64QAM	1	99	22.12	22.03	22.02	
20	64QAM	50	0	21.03	20.95	20.98	
20	64QAM	50	24	21.02	20.91	20.92	20
20	64QAM	50	50	21.02	20.92	20.95	
20	64QAM	100	0	21.04	20.96	20.93	
20	256QAM	1	0	18.97	18.96	19.03	20
20	256QAM	1	49	18.92	18.87	18.88	
20	256QAM	1	99	18.87	18.84	18.88	20
20	256QAM	50	0	18.94	18.77	18.96	
20	256QAM	50	24	18.81	18.80	18.89	
20	256QAM	50	50	18.80	18.81	19.00	
20	256QAM	100	0	18.97	18.77	18.95	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.76	24.00	25
15	QPSK	1	37	23.74	23.65	23.83	
15	QPSK	1	74	23.98	23.72	23.92	
15	QPSK	36	0	22.93	22.84	22.85	24
15	QPSK	36	20	22.78	22.73	22.76	
15	QPSK	36	39	22.88	22.80	22.77	
15	QPSK	75	0	22.96	22.69	22.96	24
15	16QAM	1	0	23.13	23.04	22.99	
15	16QAM	1	37	23.08	22.94	23.14	
15	16QAM	1	74	23.09	23.00	22.99	23
15	16QAM	36	0	21.83	21.82	21.73	
15	16QAM	36	20	21.93	21.78	21.94	
15	16QAM	36	39	21.83	21.72	21.83	23
15	16QAM	75	0	21.94	21.82	21.86	
15	64QAM	1	0	22.22	21.97	22.10	
15	64QAM	1	37	21.90	21.75	22.01	22
15	64QAM	1	74	21.98	21.86	21.82	
15	64QAM	36	0	21.02	20.90	20.78	
15	64QAM	36	20	20.97	20.73	20.78	20
15	64QAM	36	39	20.97	20.78	20.83	
15	64QAM	75	0	20.91	20.84	20.87	
15	256QAM	1	0	18.85	18.81	18.87	20
15	256QAM	1	37	18.82	18.78	18.83	
15	256QAM	1	74	18.71	18.74	18.74	
15	256QAM	36	0	18.92	18.71	18.82	20
15	256QAM	36	20	18.81	18.68	18.70	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.67	18.82	Tune-up limit (dBm)
15	256QAM	75	0	18.77	18.66	18.87	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.69	23.85	25
10	QPSK	1	25	23.84	23.69	23.87	
10	QPSK	1	49	23.99	23.79	23.79	
10	QPSK	25	0	22.96	22.76	22.97	24
10	QPSK	25	12	22.77	22.73	22.94	
10	QPSK	25	25	22.75	22.73	22.84	
10	QPSK	50	0	22.96	22.82	22.99	
10	16QAM	1	0	23.08	22.98	23.12	24
10	16QAM	1	25	22.98	23.07	23.04	
10	16QAM	1	49	23.19	22.98	22.97	23
10	16QAM	25	0	21.80	21.91	21.72	
10	16QAM	25	12	21.93	21.61	21.93	
10	16QAM	25	25	21.88	21.75	21.82	
10	16QAM	50	0	21.90	21.91	21.83	23
10	64QAM	1	0	22.22	21.94	22.10	
10	64QAM	1	25	21.98	21.73	22.11	
10	64QAM	1	49	21.94	21.96	21.92	22
10	64QAM	25	0	21.03	20.81	20.87	
10	64QAM	25	12	20.93	20.80	20.75	
10	64QAM	25	25	20.92	20.89	20.82	
10	64QAM	50	0	21.03	20.96	20.80	20
10	256QAM	1	0	18.93	18.77	19.02	
10	256QAM	1	25	18.83	18.86	18.85	
10	256QAM	1	49	18.72	18.80	18.83	
10	256QAM	25	0	18.88	18.68	18.78	20
10	256QAM	25	12	18.68	18.74	18.78	
10	256QAM	25	25	18.80	18.62	18.87	
10	256QAM	50	0	18.77	18.66	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.85	23.84	23.98	25
5	QPSK	1	12	23.89	23.61	23.77	
5	QPSK	1	24	23.87	23.77	23.73	
5	QPSK	12	0	22.83	22.89	22.89	24
5	QPSK	12	7	22.76	22.73	22.92	
5	QPSK	12	13	22.82	22.70	22.74	
5	QPSK	25	0	22.79	22.83	22.99	
5	16QAM	1	0	23.04	22.86	23.09	24
5	16QAM	1	12	23.04	22.97	22.97	
5	16QAM	1	24	23.24	22.99	23.04	
5	16QAM	12	0	21.91	21.88	21.79	23
5	16QAM	12	7	21.97	21.60	21.84	
5	16QAM	12	13	21.80	21.73	21.80	
5	16QAM	25	0	21.97	21.83	21.81	
5	64QAM	1	0	22.27	21.91	22.07	23
5	64QAM	1	12	21.94	21.79	22.11	
5	64QAM	1	24	21.97	21.94	21.82	
5	64QAM	12	0	20.96	20.94	20.84	22
5	64QAM	12	7	20.94	20.74	20.72	
5	64QAM	12	13	21.01	20.91	20.80	
5	64QAM	25	0	20.95	20.80	20.73	
5	256QAM	1	0	18.81	18.82	18.89	20
5	256QAM	1	12	18.82	18.67	18.86	
5	256QAM	1	24	18.74	18.81	18.81	
5	256QAM	12	0	18.92	18.76	18.79	20
5	256QAM	12	7	18.78	18.65	18.82	
5	256QAM	12	13	18.64	18.76	18.98	
5	256QAM	25	0	18.86	18.75	18.86	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.85	23.82	23.86	25
3	QPSK	1	8	23.83	23.74	23.78	
3	QPSK	1	14	23.92	23.63	23.73	
3	QPSK	8	0	22.91	22.83	22.87	24
3	QPSK	8	4	22.91	22.92	22.79	
3	QPSK	8	7	22.80	22.65	22.78	
3	QPSK	15	0	22.96	22.77	22.95	
3	16QAM	1	0	23.15	23.01	23.05	24
3	16QAM	1	8	23.13	23.00	22.99	
3	16QAM	1	14	23.17	22.99	23.05	
3	16QAM	8	0	21.90	21.87	21.76	23
3	16QAM	8	4	21.80	21.78	21.78	
3	16QAM	8	7	21.89	21.64	21.74	
3	16QAM	15	0	21.82	21.71	21.73	
3	64QAM	1	0	22.26	22.02	21.93	23
3	64QAM	1	8	21.86	21.86	22.03	
3	64QAM	1	14	21.92	22.02	21.88	
3	64QAM	8	0	20.90	20.79	20.98	22
3	64QAM	8	4	21.01	20.73	20.85	
3	64QAM	8	7	20.93	20.73	20.90	
3	64QAM	15	0	21.02	20.80	20.75	
3	256QAM	1	0	18.86	18.95	18.92	20
3	256QAM	1	8	18.87	18.82	18.77	
3	256QAM	1	14	18.74	18.67	18.81	
3	256QAM	8	0	18.78	18.58	18.89	20
3	256QAM	8	4	18.77	18.63	18.72	
3	256QAM	8	7	18.79	18.80	18.91	
3	256QAM	15	0	18.84	18.75	18.87	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.93	23.73	23.84	25
1.4	QPSK	1	3	23.75	23.68	23.82	
1.4	QPSK	1	5	23.98	23.80	23.85	
1.4	QPSK	3	0	23.90	23.67	24.00	
1.4	QPSK	3	1	23.89	23.71	23.89	
1.4	QPSK	3	3	23.95	23.81	23.73	
1.4	QPSK	6	0	22.76	22.80	22.91	24
1.4	16QAM	1	0	22.90	22.85	22.86	24
1.4	16QAM	1	3	22.85	22.69	22.82	
1.4	16QAM	1	5	22.86	22.78	22.88	
1.4	16QAM	3	0	23.01	22.94	22.94	
1.4	16QAM	3	1	23.08	22.91	23.09	
1.4	16QAM	3	3	23.07	23.06	22.96	23
1.4	16QAM	6	0	21.88	21.81	21.81	
1.4	64QAM	1	0	21.95	21.72	21.77	23
1.4	64QAM	1	3	21.98	21.64	21.73	
1.4	64QAM	1	5	21.99	21.87	21.88	
1.4	64QAM	3	0	22.19	21.87	21.96	
1.4	64QAM	3	1	21.84	21.72	22.04	
1.4	64QAM	3	3	22.06	21.95	21.95	22
1.4	64QAM	6	0	21.03	20.78	20.91	
1.4	256QAM	1	0	18.91	18.89	18.84	20
1.4	256QAM	1	3	18.76	18.78	18.88	
1.4	256QAM	1	5	18.79	18.75	18.79	
1.4	256QAM	3	0	18.86	18.69	18.96	
1.4	256QAM	3	1	18.72	18.60	18.86	
1.4	256QAM	3	3	18.79	18.65	18.96	20
1.4	256QAM	6	0	18.87	18.72	18.89	



<LTE Band 66_Ant 5_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	24.9
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	
20	16QAM	1	0	23.06	23.05	23.03	24
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	
20	16QAM	50	0	21.74	21.78	21.75	23
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	23
20	64QAM	1	49	21.82	21.74	21.90	
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	22
20	64QAM	50	24	20.75	20.74	20.81	
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	24.9
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	
15	16QAM	1	0	22.89	22.91	22.85	24
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	
15	16QAM	36	0	21.70	21.74	21.62	23
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	23
15	64QAM	1	37	21.82	21.74	21.72	
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	22
15	64QAM	36	20	20.70	20.60	20.64	
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	24.9
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	
10	16QAM	25	0	21.73	21.67	21.71	23
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	
10	64QAM	1	0	21.90	21.71	21.87	23
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	
10	64QAM	25	0	20.82	20.65	20.69	22
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	
10	256QAM	1	0	18.90	18.82	18.73	20
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	24.9
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	24.9
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	24.9
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	23
1.4	16QAM	6	0	21.82	21.78	21.69	
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	22
1.4	64QAM	6	0	20.84	20.64	20.74	
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	20
1.4	256QAM	6	0	18.62	18.69	18.62	



<LTE Band 66_Ant 2_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.59	17.71	17.53	18.4
20	QPSK	1	49	17.58	17.57	17.44	
20	QPSK	1	99	17.66	17.40	17.50	
20	QPSK	50	0	17.39	17.40	17.31	18.4
20	QPSK	50	24	17.36	17.24	17.28	
20	QPSK	50	50	17.37	17.25	17.18	
20	QPSK	100	0	17.39	17.27	17.25	
20	16QAM	1	0	17.43	17.34	17.32	18.4
20	16QAM	1	49	17.36	17.23	17.21	
20	16QAM	1	99	17.32	17.17	17.17	
20	16QAM	50	0	17.41	17.26	17.27	18.4
20	16QAM	50	24	17.38	17.26	17.22	
20	16QAM	50	50	17.35	17.26	17.22	
20	16QAM	100	0	17.39	17.23	17.24	
20	64QAM	1	0	17.65	17.51	17.50	18.4
20	64QAM	1	49	17.63	17.49	17.52	
20	64QAM	1	99	17.51	17.45	17.34	
20	64QAM	50	0	17.44	17.34	17.30	18.4
20	64QAM	50	24	17.43	17.31	17.31	
20	64QAM	50	50	17.41	17.28	17.23	
20	64QAM	100	0	17.46	17.35	17.31	
20	256QAM	1	0	17.42	17.31	17.35	18.4
20	256QAM	1	49	17.44	17.33	17.32	
20	256QAM	1	99	17.27	17.22	17.16	
20	256QAM	50	0	17.23	17.11	17.08	18.4
20	256QAM	50	24	17.22	17.12	17.11	
20	256QAM	50	50	17.18	17.07	16.98	
20	256QAM	100	0	17.26	17.14	17.16	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.62	17.60	17.52	18.4
15	QPSK	1	37	17.46	17.58	17.43	
15	QPSK	1	74	17.57	17.40	17.44	
15	QPSK	36	0	17.26	17.26	17.27	18.4
15	QPSK	36	20	17.24	17.22	17.27	
15	QPSK	36	39	17.23	17.18	17.17	
15	QPSK	75	0	17.25	17.24	17.21	
15	16QAM	1	0	17.28	17.26	17.32	18.4
15	16QAM	1	37	17.28	17.20	17.20	
15	16QAM	1	74	17.24	17.16	17.10	
15	16QAM	36	0	17.34	17.20	17.22	18.4
15	16QAM	36	20	17.30	17.19	17.16	
15	16QAM	36	39	17.23	17.21	17.21	
15	16QAM	75	0	17.29	17.17	17.27	
15	64QAM	1	0	17.53	17.53	17.49	18.4
15	64QAM	1	37	17.48	17.44	17.48	
15	64QAM	1	74	17.43	17.45	17.36	
15	64QAM	36	0	17.33	17.32	17.24	18.4
15	64QAM	36	20	17.30	17.30	17.28	
15	64QAM	36	39	17.29	17.26	17.23	
15	64QAM	75	0	17.38	17.29	17.33	
15	256QAM	1	0	17.52	17.47	17.48	18.4
15	256QAM	1	37	17.43	17.42	17.44	
15	256QAM	1	74	17.33	17.39	17.30	
15	256QAM	36	0	17.26	17.25	17.21	18.4
15	256QAM	36	20	17.28	17.24	17.22	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	17.22	17.22	17.13	Tune-up limit (dBm)
15	256QAM	75	0	17.32	17.24	17.20	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.59	17.58	17.55	18.4
10	QPSK	1	25	17.49	17.57	17.42	
10	QPSK	1	49	17.55	17.36	17.55	
10	QPSK	25	0	17.28	17.30	17.29	18.4
10	QPSK	25	12	17.32	17.21	17.30	
10	QPSK	25	25	17.30	17.23	17.20	
10	QPSK	50	0	17.32	17.19	17.26	
10	16QAM	1	0	17.36	17.34	17.35	18.4
10	16QAM	1	25	17.25	17.14	17.26	
10	16QAM	1	49	17.27	17.15	17.19	
10	16QAM	25	0	17.33	17.16	17.27	18.4
10	16QAM	25	12	17.24	17.22	17.29	
10	16QAM	25	25	17.21	17.25	17.28	
10	16QAM	50	0	17.31	17.16	17.28	
10	64QAM	1	0	17.56	17.46	17.58	18.4
10	64QAM	1	25	17.53	17.44	17.52	
10	64QAM	1	49	17.37	17.42	17.40	
10	64QAM	25	0	17.37	17.27	17.33	18.4
10	64QAM	25	12	17.33	17.22	17.30	
10	64QAM	25	25	17.37	17.23	17.25	
10	64QAM	50	0	17.33	17.32	17.39	
10	256QAM	1	0	17.51	17.45	17.52	18.4
10	256QAM	1	25	17.47	17.38	17.55	
10	256QAM	1	49	17.40	17.38	17.32	
10	256QAM	25	0	17.28	17.20	17.30	18.4
10	256QAM	25	12	17.28	17.24	17.30	
10	256QAM	25	25	17.25	17.21	17.21	
10	256QAM	50	0	17.35	17.21	17.32	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.56	17.55	17.52	18.4
5	QPSK	1	12	17.52	17.62	17.39	
5	QPSK	1	24	17.60	17.46	17.45	
5	QPSK	12	0	17.24	17.29	17.22	18.4
5	QPSK	12	7	17.27	17.20	17.17	
5	QPSK	12	13	17.23	17.22	17.10	
5	QPSK	25	0	17.29	17.23	17.14	
5	16QAM	1	0	17.38	17.37	17.21	18.4
5	16QAM	1	12	17.23	17.19	17.18	
5	16QAM	1	24	17.25	17.15	17.08	
5	16QAM	12	0	17.36	17.26	17.20	18.4
5	16QAM	12	7	17.24	17.28	17.17	
5	16QAM	12	13	17.29	17.29	17.19	
5	16QAM	25	0	17.28	17.27	17.23	
5	64QAM	1	0	17.54	17.49	17.41	18.4
5	64QAM	1	12	17.53	17.49	17.50	
5	64QAM	1	24	17.42	17.42	17.32	
5	64QAM	12	0	17.29	17.37	17.20	18.4
5	64QAM	12	7	17.36	17.29	17.20	
5	64QAM	12	13	17.30	17.32	17.18	
5	64QAM	25	0	17.33	17.40	17.20	
5	256QAM	1	0	17.53	17.46	17.42	18.4
5	256QAM	1	12	17.45	17.49	17.43	
5	256QAM	1	24	17.34	17.38	17.26	
5	256QAM	12	0	17.24	17.33	17.18	18.4
5	256QAM	12	7	17.27	17.29	17.20	
5	256QAM	12	13	17.21	17.19	17.12	
5	256QAM	25	0	17.30	17.30	17.22	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.57	17.54	17.51	18.4
3	QPSK	1	8	17.44	17.51	17.43	
3	QPSK	1	14	17.48	17.29	17.51	
3	QPSK	8	0	17.22	17.21	17.28	18.4
3	QPSK	8	4	17.17	17.16	17.33	
3	QPSK	8	7	17.19	17.17	17.23	
3	QPSK	15	0	17.18	17.19	17.22	18.4
3	16QAM	1	0	17.25	17.24	17.32	
3	16QAM	1	8	17.25	17.13	17.24	
3	16QAM	1	14	17.19	17.09	17.24	18.4
3	16QAM	8	0	17.26	17.18	17.25	
3	16QAM	8	4	17.18	17.15	17.19	
3	16QAM	8	7	17.17	17.22	17.28	18.4
3	16QAM	15	0	17.21	17.13	17.23	
3	64QAM	1	0	17.53	17.48	17.51	
3	64QAM	1	8	17.42	17.44	17.53	18.4
3	64QAM	1	14	17.38	17.43	17.34	
3	64QAM	8	0	17.30	17.27	17.30	
3	64QAM	8	4	17.28	17.27	17.32	18.4
3	64QAM	8	7	17.26	17.23	17.21	
3	64QAM	15	0	17.33	17.27	17.34	
3	256QAM	1	0	17.39	17.43	17.42	18.4
3	256QAM	1	8	17.42	17.35	17.54	
3	256QAM	1	14	17.28	17.32	17.29	
3	256QAM	8	0	17.28	17.21	17.22	18.4
3	256QAM	8	4	17.24	17.19	17.33	
3	256QAM	8	7	17.24	17.11	17.15	
3	256QAM	15	0	17.26	17.26	17.25	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	18.4
1.4	QPSK	1	0	17.59	17.61	17.60	
1.4	QPSK	1	3	17.52	17.52	17.51	
1.4	QPSK	1	5	17.54	17.37	17.57	18.4
1.4	QPSK	3	0	17.33	17.35	17.38	
1.4	QPSK	3	1	17.25	17.26	17.42	
1.4	QPSK	3	3	17.30	17.23	17.30	18.4
1.4	QPSK	6	0	17.24	17.32	17.36	
1.4	16QAM	1	0	17.32	17.31	17.45	
1.4	16QAM	1	3	17.21	17.18	17.26	18.4
1.4	16QAM	1	5	17.21	17.15	17.32	
1.4	16QAM	3	0	17.31	17.22	17.35	
1.4	16QAM	3	1	17.25	17.23	17.28	18.4
1.4	16QAM	3	3	17.21	17.25	17.28	
1.4	16QAM	6	0	17.24	17.27	17.36	
1.4	64QAM	1	0	17.53	17.46	17.55	18.4
1.4	64QAM	1	3	17.57	17.53	17.58	
1.4	64QAM	1	5	17.36	17.50	17.49	
1.4	64QAM	3	0	17.34	17.37	17.35	18.4
1.4	64QAM	3	1	17.34	17.33	17.39	
1.4	64QAM	3	3	17.29	17.24	17.34	
1.4	64QAM	6	0	17.31	17.31	17.45	18.4
1.4	256QAM	1	0	17.52	17.42	17.56	
1.4	256QAM	1	3	17.46	17.41	17.54	
1.4	256QAM	1	5	17.39	17.36	17.41	18.4
1.4	256QAM	3	0	17.28	17.30	17.36	
1.4	256QAM	3	1	17.25	17.29	17.33	
1.4	256QAM	3	3	17.24	17.21	17.31	18.4
1.4	256QAM	6	0	17.33	17.31	17.39	



<LTE Band 66_Ant 1_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	
20	QPSK	1	49	23.73	23.66	23.68	25
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	
20	QPSK	50	24	22.96	22.89	22.86	24
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	
20	16QAM	1	0	23.22	23.03	23.12	24
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	
20	16QAM	50	0	21.85	21.83	21.82	23
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	
20	16QAM	100	0	21.84	21.79	21.81	23
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	
20	64QAM	1	99	21.89	21.86	21.90	22
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	
20	64QAM	50	50	20.92	20.85	20.80	20
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	
20	256QAM	1	49	18.58	18.60	18.54	20
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	
20	256QAM	50	24	18.84	18.84	18.83	20
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	
15	QPSK	1	37	23.64	23.52	23.49	25
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	24
15	QPSK	36	20	22.92	22.89	22.83	
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	24
15	16QAM	1	0	23.02	22.86	23.06	
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	23
15	16QAM	36	0	21.83	21.67	21.63	
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	23
15	16QAM	75	0	21.77	21.77	21.66	
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	22
15	64QAM	1	74	21.79	21.85	21.71	
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	20
15	64QAM	36	39	20.73	20.70	20.79	
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	20
15	256QAM	1	37	18.39	18.48	18.34	
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	20
15	256QAM	36	20	18.73	18.65	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	25
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	
10	256QAM	25	0	18.71	18.76	18.65	20
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.89	23.78	23.84	25
5	QPSK	1	12	23.71	23.60	23.60	
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	25
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	
3	16QAM	1	0	23.20	22.86	22.95	24
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	
3	16QAM	8	0	21.81	21.76	21.63	23
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	23
3	64QAM	1	8	21.73	21.78	21.66	
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	22
3	64QAM	8	4	20.83	20.77	20.76	
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.92	23.82	23.83	25
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	
1.4	QPSK	3	0	23.95	23.86	23.82	
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	
1.4	QPSK	6	0	22.95	22.73	22.79	24
1.4	16QAM	1	0	22.83	22.85	22.83	24
1.4	16QAM	1	3	22.88	22.71	22.64	
1.4	16QAM	1	5	22.90	22.68	22.69	
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	
1.4	16QAM	3	3	23.05	22.95	22.82	23
1.4	16QAM	6	0	21.78	21.77	21.70	
1.4	64QAM	1	0	21.69	21.78	21.63	23
1.4	64QAM	1	3	21.81	21.75	21.73	
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	
1.4	64QAM	3	1	21.67	21.81	21.73	
1.4	64QAM	3	3	21.87	21.84	21.88	22
1.4	64QAM	6	0	20.77	20.71	20.68	
1.4	256QAM	1	0	19.02	18.93	18.86	20
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	
1.4	256QAM	3	0	18.73	18.71	18.61	
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	20
1.4	256QAM	6	0	18.63	18.74	18.81	



<LTE Band 66_Ant 0_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.32	20.22	20.13	20.8
20	QPSK	1	49	20.09	19.91	19.70	
20	QPSK	1	99	20.03	19.87	19.85	
20	QPSK	50	0	20.09	20.03	19.93	20.8
20	QPSK	50	24	20.12	19.94	19.93	
20	QPSK	50	50	20.05	19.90	19.85	
20	QPSK	100	0	20.19	19.92	19.92	
20	16QAM	1	0	20.16	20.08	19.94	20.8
20	16QAM	1	49	20.12	20.17	19.85	
20	16QAM	1	99	20.17	20.26	19.89	
20	16QAM	50	0	20.20	20.00	19.96	20.8
20	16QAM	50	24	20.14	19.97	19.95	
20	16QAM	50	50	20.12	19.90	19.84	
20	16QAM	100	0	20.18	19.90	19.96	
20	64QAM	1	0	20.11	19.98	19.86	20.8
20	64QAM	1	49	20.16	19.99	20.05	
20	64QAM	1	99	20.22	19.99	19.91	
20	64QAM	50	0	20.15	20.05	19.99	20.8
20	64QAM	50	24	20.08	19.99	19.94	
20	64QAM	50	50	20.06	19.93	19.86	
20	64QAM	100	0	20.11	19.90	19.90	
20	256QAM	1	0	18.96	19.12	19.02	20
20	256QAM	1	49	19.09	19.24	19.00	
20	256QAM	1	99	18.99	19.09	18.99	
20	256QAM	50	0	18.87	18.98	18.77	20
20	256QAM	50	24	18.84	18.90	18.86	
20	256QAM	50	50	18.82	18.94	18.81	
20	256QAM	100	0	18.67	18.91	18.68	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.24	20.16	19.97	20.8
15	QPSK	1	37	20.06	19.78	19.61	
15	QPSK	1	74	19.90	19.81	19.69	
15	QPSK	36	0	19.93	19.99	19.80	20.8
15	QPSK	36	20	20.06	19.89	19.89	
15	QPSK	36	39	20.02	19.79	19.69	
15	QPSK	75	0	20.09	19.79	19.77	
15	16QAM	1	0	20.15	20.06	19.75	20.8
15	16QAM	1	37	20.11	20.04	19.70	
15	16QAM	1	74	20.14	20.08	19.85	
15	16QAM	36	0	20.13	19.96	19.77	20.8
15	16QAM	36	20	19.97	19.91	19.77	
15	16QAM	36	39	20.03	19.70	19.82	
15	16QAM	75	0	20.04	19.70	19.90	
15	64QAM	1	0	19.94	19.79	19.85	20.8
15	64QAM	1	37	20.10	19.85	19.85	
15	64QAM	1	74	20.07	19.92	19.72	
15	64QAM	36	0	20.13	19.85	19.79	20.8
15	64QAM	36	20	19.89	19.79	19.91	
15	64QAM	36	39	19.90	19.93	19.70	
15	64QAM	75	0	20.10	19.74	19.87	
15	256QAM	1	0	18.95	19.09	18.94	20
15	256QAM	1	37	19.03	19.12	18.80	
15	256QAM	1	74	18.85	18.92	18.99	
15	256QAM	36	0	18.75	18.86	18.73	20
15	256QAM	36	20	18.69	18.83	18.75	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.80	18.68	
15	256QAM	75	0	18.59	18.74	18.66	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.23	20.13	19.98	20.8
10	QPSK	1	25	20.09	19.74	19.50	
10	QPSK	1	49	19.95	19.69	19.73	
10	QPSK	25	0	20.02	19.84	19.91	20.8
10	QPSK	25	12	20.11	19.82	19.87	
10	QPSK	25	25	19.93	19.81	19.69	
10	QPSK	50	0	20.02	19.91	19.76	
10	16QAM	1	0	20.14	20.04	19.83	20.8
10	16QAM	1	25	20.03	20.02	19.70	
10	16QAM	1	49	20.00	20.11	19.88	
10	16QAM	25	0	20.07	19.81	19.81	20.8
10	16QAM	25	12	19.99	19.87	19.87	
10	16QAM	25	25	19.98	19.90	19.83	
10	16QAM	50	0	20.18	19.88	19.91	
10	64QAM	1	0	19.96	19.91	19.81	20.8
10	64QAM	1	25	20.02	19.98	19.97	
10	64QAM	1	49	20.19	19.97	19.80	
10	64QAM	25	0	20.00	19.98	19.90	20.8
10	64QAM	25	12	19.96	19.94	19.77	
10	64QAM	25	25	19.91	19.82	19.66	
10	64QAM	50	0	19.91	19.83	19.71	
10	256QAM	1	0	18.79	19.02	18.95	20
10	256QAM	1	25	18.92	19.07	18.95	
10	256QAM	1	49	18.81	19.04	18.91	
10	256QAM	25	0	18.69	18.82	18.63	20
10	256QAM	25	12	18.77	18.72	18.71	
10	256QAM	25	25	18.70	18.74	18.67	
10	256QAM	50	0	18.67	18.77	18.68	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.15	20.11	19.93	20.8
5	QPSK	1	12	20.11	19.87	19.77	
5	QPSK	1	24	20.03	19.81	19.88	
5	QPSK	12	0	20.13	19.96	19.94	20.8
5	QPSK	12	7	20.08	20.01	19.89	
5	QPSK	12	13	20.03	19.93	19.90	
5	QPSK	25	0	20.13	19.98	19.91	
5	16QAM	1	0	20.16	20.09	19.87	20.8
5	16QAM	1	12	20.11	20.13	19.89	
5	16QAM	1	24	20.15	20.26	19.91	
5	16QAM	12	0	20.13	19.99	20.01	20.8
5	16QAM	12	7	20.16	19.89	19.90	
5	16QAM	12	13	20.09	19.96	19.85	
5	16QAM	25	0	20.18	19.94	19.92	
5	64QAM	1	0	20.12	19.99	19.92	20.8
5	64QAM	1	12	20.24	20.03	20.04	
5	64QAM	1	24	20.20	20.03	19.90	
5	64QAM	12	0	20.16	20.01	19.98	20.8
5	64QAM	12	7	20.01	19.93	19.90	
5	64QAM	12	13	20.04	19.89	19.85	
5	64QAM	25	0	20.11	19.90	19.99	
5	256QAM	1	0	18.97	19.10	19.04	20
5	256QAM	1	12	19.08	19.25	19.03	
5	256QAM	1	24	18.92	19.14	19.03	
5	256QAM	12	0	18.86	18.95	18.84	20
5	256QAM	12	7	18.82	18.92	18.80	
5	256QAM	12	13	18.87	19.01	18.86	
5	256QAM	25	0	18.72	18.93	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.22	20.11	20.00	20.8
3	QPSK	1	8	20.14	19.87	19.75	
3	QPSK	1	14	19.98	19.79	19.89	
3	QPSK	8	0	20.14	19.97	19.99	20.8
3	QPSK	8	4	20.10	20.01	19.90	
3	QPSK	8	7	20.02	19.97	19.89	
3	QPSK	15	0	20.17	19.99	19.89	
3	16QAM	1	0	20.13	20.03	19.86	20.8
3	16QAM	1	8	20.11	20.13	19.93	
3	16QAM	1	14	20.14	20.25	19.87	
3	16QAM	8	0	20.15	19.94	19.92	20.8
3	16QAM	8	4	20.20	19.96	19.95	
3	16QAM	8	7	20.11	19.97	19.90	
3	16QAM	15	0	20.16	19.90	19.89	
3	64QAM	1	0	20.18	20.08	19.89	20.8
3	64QAM	1	8	20.15	20.03	20.01	
3	64QAM	1	14	20.18	20.02	19.92	
3	64QAM	8	0	20.11	19.97	19.95	20.8
3	64QAM	8	4	20.03	19.95	19.91	
3	64QAM	8	7	20.06	19.91	19.88	
3	64QAM	15	0	20.17	19.86	19.92	
3	256QAM	1	0	18.97	19.14	19.06	20
3	256QAM	1	8	19.02	19.23	19.04	
3	256QAM	1	14	18.97	19.17	18.99	
3	256QAM	8	0	18.78	18.89	18.84	20
3	256QAM	8	4	18.81	18.95	18.81	
3	256QAM	8	7	18.88	18.91	18.89	
3	256QAM	15	0	18.70	18.89	18.68	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.23	20.03	19.93	20.8
1.4	QPSK	1	3	20.13	19.98	19.86	
1.4	QPSK	1	5	20.16	20.05	19.91	
1.4	QPSK	3	0	20.19	20.07	19.92	
1.4	QPSK	3	1	20.09	19.94	19.82	
1.4	QPSK	3	3	20.20	20.06	19.95	
1.4	QPSK	6	0	20.23	20.09	19.97	20.8
1.4	16QAM	1	0	20.16	20.13	20.26	20.8
1.4	16QAM	1	3	20.20	20.12	20.22	
1.4	16QAM	1	5	20.18	20.11	20.23	
1.4	16QAM	3	0	20.20	20.01	19.86	
1.4	16QAM	3	1	20.27	20.06	19.94	
1.4	16QAM	3	3	20.18	19.99	19.91	20.8
1.4	16QAM	6	0	20.29	20.11	19.99	
1.4	64QAM	1	0	20.28	20.27	20.08	20.8
1.4	64QAM	1	3	20.30	20.30	20.21	
1.4	64QAM	1	5	20.30	20.21	20.09	
1.4	64QAM	3	0	20.20	20.05	19.99	
1.4	64QAM	3	1	20.23	20.08	19.96	
1.4	64QAM	3	3	20.28	20.11	19.98	20.8
1.4	64QAM	6	0	20.16	20.01	19.94	
1.4	256QAM	1	0	18.94	19.19	19.01	20
1.4	256QAM	1	3	19.10	19.15	19.01	
1.4	256QAM	1	5	18.89	19.18	19.03	
1.4	256QAM	3	0	18.88	18.98	18.81	
1.4	256QAM	3	1	18.82	18.93	18.84	
1.4	256QAM	3	3	18.88	18.93	18.88	20
1.4	256QAM	6	0	18.66	18.90	18.71	



<LTE Band 66_Ant 5_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	25
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	24
20	16QAM	1	0	23.06	23.05	23.03	
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	23
20	16QAM	50	0	21.74	21.78	21.75	
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	23
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	
20	64QAM	1	49	21.82	21.74	21.90	22
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	
20	64QAM	50	24	20.75	20.74	20.81	20
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	25
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	24
15	16QAM	1	0	22.89	22.91	22.85	
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	23
15	16QAM	36	0	21.70	21.74	21.62	
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	23
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	
15	64QAM	1	37	21.82	21.74	21.72	22
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	
15	64QAM	36	20	20.70	20.60	20.64	20
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	25
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	23
10	16QAM	25	0	21.73	21.67	21.71	
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	23
10	64QAM	1	0	21.90	21.71	21.87	
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	22
10	64QAM	25	0	20.82	20.65	20.69	
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	20
10	256QAM	1	0	18.90	18.82	18.73	
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	25
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	25
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	25
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	23
1.4	16QAM	6	0	21.82	21.78	21.69	
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	22
1.4	64QAM	6	0	20.84	20.64	20.74	
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	20
1.4	256QAM	6	0	18.62	18.69	18.62	



<LTE Band 66_Ant 2_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.59	17.71	17.53	
20	QPSK	1	49	17.58	17.57	17.44	19.1
20	QPSK	1	99	17.66	17.40	17.50	
20	QPSK	50	0	17.39	17.40	17.31	
20	QPSK	50	24	17.36	17.24	17.28	19.1
20	QPSK	50	50	17.37	17.25	17.18	
20	QPSK	100	0	17.39	17.27	17.25	
20	16QAM	1	0	17.43	17.34	17.32	19.1
20	16QAM	1	49	17.36	17.23	17.21	
20	16QAM	1	99	17.32	17.17	17.17	
20	16QAM	50	0	17.41	17.26	17.27	19.1
20	16QAM	50	24	17.38	17.26	17.22	
20	16QAM	50	50	17.35	17.26	17.22	
20	16QAM	100	0	17.39	17.23	17.24	19.1
20	64QAM	1	0	17.65	17.51	17.50	
20	64QAM	1	49	17.63	17.49	17.52	
20	64QAM	1	99	17.51	17.45	17.34	19.1
20	64QAM	50	0	17.44	17.34	17.30	
20	64QAM	50	24	17.43	17.31	17.31	
20	64QAM	50	50	17.41	17.28	17.23	19.1
20	64QAM	100	0	17.46	17.35	17.31	
20	256QAM	1	0	17.42	17.31	17.35	
20	256QAM	1	49	17.44	17.33	17.32	19.1
20	256QAM	1	99	17.27	17.22	17.16	
20	256QAM	50	0	17.23	17.11	17.13	
20	256QAM	50	24	17.22	17.12	17.11	19.1
20	256QAM	50	50	17.18	17.11	17.12	
20	256QAM	100	0	17.26	17.14	17.16	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.62	17.60	17.52	
15	QPSK	1	37	17.46	17.58	17.43	19.1
15	QPSK	1	74	17.57	17.40	17.44	
15	QPSK	36	0	17.26	17.26	17.27	
15	QPSK	36	20	17.24	17.22	17.27	19.1
15	QPSK	36	39	17.23	17.18	17.17	
15	QPSK	75	0	17.25	17.24	17.21	
15	16QAM	1	0	17.28	17.26	17.32	19.1
15	16QAM	1	37	17.28	17.20	17.20	
15	16QAM	1	74	17.24	17.16	17.10	
15	16QAM	36	0	17.34	17.20	17.22	19.1
15	16QAM	36	20	17.30	17.19	17.16	
15	16QAM	36	39	17.23	17.21	17.21	
15	16QAM	75	0	17.29	17.17	17.27	19.1
15	64QAM	1	0	17.53	17.53	17.49	
15	64QAM	1	37	17.48	17.44	17.48	
15	64QAM	1	74	17.43	17.45	17.36	19.1
15	64QAM	36	0	17.33	17.32	17.24	
15	64QAM	36	20	17.30	17.30	17.28	
15	64QAM	36	39	17.29	17.26	17.23	19.1
15	64QAM	75	0	17.38	17.29	17.33	
15	256QAM	1	0	17.52	17.47	17.48	
15	256QAM	1	37	17.43	17.42	17.44	19.1
15	256QAM	1	74	17.33	17.39	17.30	
15	256QAM	36	0	17.26	17.25	17.21	
15	256QAM	36	20	17.28	17.24	17.22	19.1



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	17.22	17.22	17.13	Tune-up limit (dBm)
15	256QAM	75	0	17.32	17.24	17.20	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.59	17.58	17.55	19.1
10	QPSK	1	25	17.49	17.57	17.42	
10	QPSK	1	49	17.55	17.36	17.55	
10	QPSK	25	0	17.28	17.30	17.29	19.1
10	QPSK	25	12	17.32	17.21	17.30	
10	QPSK	25	25	17.30	17.23	17.20	
10	QPSK	50	0	17.32	17.19	17.26	
10	16QAM	1	0	17.36	17.34	17.35	19.1
10	16QAM	1	25	17.25	17.14	17.26	
10	16QAM	1	49	17.27	17.15	17.19	
10	16QAM	25	0	17.33	17.16	17.27	19.1
10	16QAM	25	12	17.24	17.22	17.29	
10	16QAM	25	25	17.21	17.25	17.28	
10	16QAM	50	0	17.31	17.16	17.28	
10	64QAM	1	0	17.56	17.46	17.58	19.1
10	64QAM	1	25	17.53	17.44	17.52	
10	64QAM	1	49	17.37	17.42	17.40	
10	64QAM	25	0	17.37	17.27	17.33	19.1
10	64QAM	25	12	17.33	17.22	17.30	
10	64QAM	25	25	17.37	17.23	17.25	
10	64QAM	50	0	17.33	17.32	17.39	
10	256QAM	1	0	17.51	17.45	17.52	19.1
10	256QAM	1	25	17.47	17.38	17.55	
10	256QAM	1	49	17.40	17.38	17.32	
10	256QAM	25	0	17.28	17.20	17.30	19.1
10	256QAM	25	12	17.28	17.24	17.30	
10	256QAM	25	25	17.25	17.21	17.21	
10	256QAM	50	0	17.35	17.21	17.32	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.56	17.55	17.52	19.1
5	QPSK	1	12	17.52	17.62	17.39	
5	QPSK	1	24	17.60	17.46	17.45	
5	QPSK	12	0	17.24	17.29	17.22	19.1
5	QPSK	12	7	17.27	17.20	17.17	
5	QPSK	12	13	17.23	17.22	17.10	
5	QPSK	25	0	17.29	17.23	17.14	
5	16QAM	1	0	17.38	17.37	17.21	19.1
5	16QAM	1	12	17.23	17.19	17.18	
5	16QAM	1	24	17.25	17.15	17.11	
5	16QAM	12	0	17.36	17.26	17.20	19.1
5	16QAM	12	7	17.24	17.28	17.17	
5	16QAM	12	13	17.29	17.29	17.19	
5	16QAM	25	0	17.28	17.27	17.23	
5	64QAM	1	0	17.54	17.49	17.41	19.1
5	64QAM	1	12	17.53	17.49	17.50	
5	64QAM	1	24	17.42	17.42	17.32	
5	64QAM	12	0	17.29	17.37	17.20	19.1
5	64QAM	12	7	17.36	17.29	17.20	
5	64QAM	12	13	17.30	17.32	17.18	
5	64QAM	25	0	17.33	17.40	17.20	
5	256QAM	1	0	17.53	17.46	17.42	19.1
5	256QAM	1	12	17.45	17.49	17.43	
5	256QAM	1	24	17.34	17.38	17.26	
5	256QAM	12	0	17.24	17.33	17.18	19.1
5	256QAM	12	7	17.27	17.29	17.20	
5	256QAM	12	13	17.21	17.19	17.12	
5	256QAM	25	0	17.30	17.30	17.22	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.57	17.54	17.51	19.1
3	QPSK	1	8	17.44	17.51	17.43	
3	QPSK	1	14	17.48	17.29	17.51	
3	QPSK	8	0	17.22	17.21	17.28	19.1
3	QPSK	8	4	17.17	17.16	17.33	
3	QPSK	8	7	17.19	17.17	17.23	
3	QPSK	15	0	17.18	17.19	17.22	19.1
3	16QAM	1	0	17.25	17.24	17.32	
3	16QAM	1	8	17.25	17.13	17.24	
3	16QAM	1	14	17.19	17.12	17.24	19.1
3	16QAM	8	0	17.26	17.18	17.25	
3	16QAM	8	4	17.18	17.15	17.19	
3	16QAM	8	7	17.17	17.22	17.28	19.1
3	16QAM	15	0	17.21	17.13	17.23	
3	64QAM	1	0	17.53	17.48	17.51	
3	64QAM	1	8	17.42	17.44	17.53	19.1
3	64QAM	1	14	17.38	17.43	17.34	
3	64QAM	8	0	17.30	17.27	17.30	
3	64QAM	8	4	17.28	17.27	17.32	19.1
3	64QAM	8	7	17.26	17.23	17.21	
3	64QAM	15	0	17.33	17.27	17.34	
3	256QAM	1	0	17.39	17.43	17.42	19.1
3	256QAM	1	8	17.42	17.35	17.54	
3	256QAM	1	14	17.28	17.32	17.29	
3	256QAM	8	0	17.28	17.21	17.22	19.1
3	256QAM	8	4	17.24	17.19	17.33	
3	256QAM	8	7	17.24	17.11	17.15	
3	256QAM	15	0	17.26	17.26	17.25	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	19.1
1.4	QPSK	1	0	17.59	17.61	17.60	
1.4	QPSK	1	3	17.52	17.52	17.51	
1.4	QPSK	1	5	17.54	17.37	17.57	
1.4	QPSK	3	0	17.33	17.35	17.38	
1.4	QPSK	3	1	17.25	17.26	17.42	
1.4	QPSK	3	3	17.30	17.23	17.30	
1.4	QPSK	6	0	17.24	17.32	17.36	19.1
1.4	16QAM	1	0	17.32	17.31	17.45	19.1
1.4	16QAM	1	3	17.21	17.18	17.26	
1.4	16QAM	1	5	17.21	17.15	17.32	
1.4	16QAM	3	0	17.31	17.22	17.35	
1.4	16QAM	3	1	17.25	17.23	17.28	
1.4	16QAM	3	3	17.21	17.25	17.28	19.1
1.4	16QAM	6	0	17.24	17.27	17.36	
1.4	64QAM	1	0	17.53	17.46	17.55	19.1
1.4	64QAM	1	3	17.57	17.53	17.58	
1.4	64QAM	1	5	17.36	17.50	17.49	
1.4	64QAM	3	0	17.34	17.37	17.35	
1.4	64QAM	3	1	17.34	17.33	17.39	
1.4	64QAM	3	3	17.29	17.24	17.34	19.1
1.4	64QAM	6	0	17.31	17.31	17.45	
1.4	256QAM	1	0	17.52	17.42	17.56	19.1
1.4	256QAM	1	3	17.46	17.41	17.54	
1.4	256QAM	1	5	17.39	17.36	17.41	
1.4	256QAM	3	0	17.28	17.30	17.36	
1.4	256QAM	3	1	17.25	17.29	17.33	
1.4	256QAM	3	3	17.24	17.21	17.31	19.1
1.4	256QAM	6	0	17.33	17.31	17.39	



<LTE Band 66_Ant 1_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	25
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	
20	QPSK	1	49	23.73	23.66	23.68	24
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	
20	QPSK	50	24	22.96	22.89	22.86	24
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	
20	16QAM	1	0	23.22	23.03	23.12	24
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	
20	16QAM	50	0	21.85	21.83	21.82	23
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	
20	16QAM	100	0	21.84	21.79	21.81	23
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	
20	64QAM	1	99	21.89	21.86	21.90	22
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	
20	64QAM	50	50	20.92	20.85	20.80	20
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	
20	256QAM	1	49	18.58	18.60	18.54	20
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	20
20	256QAM	50	24	18.84	18.84	18.83	
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	25
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	25
15	QPSK	1	37	23.64	23.52	23.49	
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	24
15	QPSK	36	20	22.92	22.89	22.83	
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	24
15	16QAM	1	0	23.02	22.86	23.06	
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	23
15	16QAM	36	0	21.83	21.67	21.63	
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	23
15	16QAM	75	0	21.77	21.77	21.66	
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	22
15	64QAM	1	74	21.79	21.85	21.71	
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	20
15	64QAM	36	39	20.73	20.70	20.79	
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	20
15	256QAM	1	37	18.39	18.48	18.34	
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	20
15	256QAM	36	20	18.73	18.65	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	25
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	
10	256QAM	25	0	18.71	18.76	18.65	20
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.89	23.78	23.84	25
5	QPSK	1	12	23.71	23.60	23.60	
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	25
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	24
3	16QAM	1	0	23.20	22.86	22.95	
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	23
3	16QAM	8	0	21.81	21.76	21.63	
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	23
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	
3	64QAM	1	8	21.73	21.78	21.66	22
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	
3	64QAM	8	4	20.83	20.77	20.76	20
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	25
1.4	QPSK	1	0	23.92	23.82	23.83	
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	24
1.4	QPSK	3	0	23.95	23.86	23.82	
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	24
1.4	QPSK	6	0	22.95	22.73	22.79	
1.4	16QAM	1	0	22.83	22.85	22.83	
1.4	16QAM	1	3	22.88	22.71	22.64	23
1.4	16QAM	1	5	22.90	22.68	22.69	
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	23
1.4	16QAM	3	3	23.05	22.95	22.82	
1.4	16QAM	6	0	21.78	21.77	21.70	
1.4	64QAM	1	0	21.69	21.78	21.63	22
1.4	64QAM	1	3	21.81	21.75	21.73	
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	20
1.4	64QAM	3	1	21.67	21.81	21.73	
1.4	64QAM	3	3	21.87	21.84	21.88	
1.4	64QAM	6	0	20.77	20.71	20.68	20
1.4	256QAM	1	0	19.02	18.93	18.86	
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	20
1.4	256QAM	3	0	18.73	18.71	18.61	
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	20
1.4	256QAM	6	0	18.63	18.74	18.81	



<LTE Band 66_Ant 0_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.32	20.22	20.13	21.5
20	QPSK	1	49	20.09	19.91	19.70	
20	QPSK	1	99	20.03	19.87	19.85	
20	QPSK	50	0	20.09	20.03	19.93	21.5
20	QPSK	50	24	20.12	19.94	19.93	
20	QPSK	50	50	20.05	19.90	19.85	
20	QPSK	100	0	20.19	19.92	19.92	
20	16QAM	1	0	20.16	20.08	19.94	21.5
20	16QAM	1	49	20.12	20.17	19.85	
20	16QAM	1	99	20.17	20.26	19.89	
20	16QAM	50	0	20.20	20.00	19.96	21.5
20	16QAM	50	24	20.14	19.97	19.95	
20	16QAM	50	50	20.12	19.90	19.84	
20	16QAM	100	0	20.18	19.90	19.96	
20	64QAM	1	0	20.11	19.98	19.86	21.5
20	64QAM	1	49	20.16	19.99	20.05	
20	64QAM	1	99	20.22	19.99	19.91	
20	64QAM	50	0	20.15	20.05	19.99	21.5
20	64QAM	50	24	20.08	19.99	19.94	
20	64QAM	50	50	20.06	19.93	19.86	
20	64QAM	100	0	20.11	19.90	19.90	
20	256QAM	1	0	18.96	19.12	19.02	20
20	256QAM	1	49	19.09	19.24	19.00	
20	256QAM	1	99	18.99	19.09	18.99	
20	256QAM	50	0	18.87	18.98	18.77	20
20	256QAM	50	24	18.84	18.90	18.86	
20	256QAM	50	50	18.82	18.94	18.81	
20	256QAM	100	0	18.67	18.91	18.68	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.24	20.16	19.97	21.5
15	QPSK	1	37	20.06	19.78	19.61	
15	QPSK	1	74	19.90	19.81	19.69	
15	QPSK	36	0	19.93	19.99	19.80	21.5
15	QPSK	36	20	20.06	19.89	19.89	
15	QPSK	36	39	20.02	19.79	19.69	
15	QPSK	75	0	20.09	19.79	19.77	
15	16QAM	1	0	20.15	20.06	19.75	21.5
15	16QAM	1	37	20.11	20.04	19.70	
15	16QAM	1	74	20.14	20.08	19.85	
15	16QAM	36	0	20.13	19.96	19.77	21.5
15	16QAM	36	20	19.97	19.91	19.77	
15	16QAM	36	39	20.03	19.70	19.82	
15	16QAM	75	0	20.04	19.70	19.90	
15	64QAM	1	0	19.94	19.79	19.85	21.5
15	64QAM	1	37	20.10	19.85	19.85	
15	64QAM	1	74	20.07	19.92	19.72	
15	64QAM	36	0	20.13	19.85	19.79	21.5
15	64QAM	36	20	19.89	19.79	19.91	
15	64QAM	36	39	19.90	19.93	19.70	
15	64QAM	75	0	20.10	19.74	19.87	
15	256QAM	1	0	18.95	19.09	18.94	20
15	256QAM	1	37	19.03	19.12	18.80	
15	256QAM	1	74	18.85	18.92	18.99	
15	256QAM	36	0	18.75	18.86	18.73	20
15	256QAM	36	20	18.69	18.83	18.75	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.80	18.68	
15	256QAM	75	0	18.59	18.74	18.66	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.23	20.13	19.98	21.5
10	QPSK	1	25	20.09	19.74	19.50	
10	QPSK	1	49	19.95	19.69	19.73	
10	QPSK	25	0	20.02	19.84	19.91	21.5
10	QPSK	25	12	20.11	19.82	19.87	
10	QPSK	25	25	19.93	19.81	19.69	
10	QPSK	50	0	20.02	19.91	19.76	
10	16QAM	1	0	20.14	20.04	19.83	21.5
10	16QAM	1	25	20.03	20.02	19.70	
10	16QAM	1	49	20.00	20.11	19.88	
10	16QAM	25	0	20.07	19.81	19.81	21.5
10	16QAM	25	12	19.99	19.87	19.87	
10	16QAM	25	25	19.98	19.90	19.83	
10	16QAM	50	0	20.18	19.88	19.91	
10	64QAM	1	0	19.96	19.91	19.81	21.5
10	64QAM	1	25	20.02	19.98	19.97	
10	64QAM	1	49	20.19	19.97	19.80	
10	64QAM	25	0	20.00	19.98	19.90	21.5
10	64QAM	25	12	19.96	19.94	19.77	
10	64QAM	25	25	19.91	19.82	19.66	
10	64QAM	50	0	19.91	19.83	19.71	
10	256QAM	1	0	18.79	19.02	18.95	20
10	256QAM	1	25	18.92	19.07	18.95	
10	256QAM	1	49	18.81	19.04	18.91	
10	256QAM	25	0	18.69	18.82	18.63	20
10	256QAM	25	12	18.77	18.72	18.71	
10	256QAM	25	25	18.70	18.74	18.67	
10	256QAM	50	0	18.67	18.77	18.68	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.15	20.11	19.93	21.5
5	QPSK	1	12	20.11	19.87	19.77	
5	QPSK	1	24	20.03	19.81	19.88	
5	QPSK	12	0	20.13	19.96	19.94	21.5
5	QPSK	12	7	20.08	20.01	19.89	
5	QPSK	12	13	20.03	19.93	19.90	
5	QPSK	25	0	20.13	19.98	19.91	
5	16QAM	1	0	20.16	20.09	19.87	21.5
5	16QAM	1	12	20.11	20.13	19.89	
5	16QAM	1	24	20.15	20.26	19.91	
5	16QAM	12	0	20.13	19.99	20.01	21.5
5	16QAM	12	7	20.16	19.89	19.90	
5	16QAM	12	13	20.09	19.96	19.85	
5	16QAM	25	0	20.18	19.94	19.92	
5	64QAM	1	0	20.12	19.99	19.92	21.5
5	64QAM	1	12	20.24	20.03	20.04	
5	64QAM	1	24	20.20	20.03	19.90	
5	64QAM	12	0	20.16	20.01	19.98	21.5
5	64QAM	12	7	20.01	19.93	19.90	
5	64QAM	12	13	20.04	19.89	19.85	
5	64QAM	25	0	20.11	19.90	19.99	
5	256QAM	1	0	18.97	19.10	19.04	20
5	256QAM	1	12	19.08	19.25	19.03	
5	256QAM	1	24	18.92	19.14	19.03	
5	256QAM	12	0	18.86	18.95	18.84	20
5	256QAM	12	7	18.82	18.92	18.80	
5	256QAM	12	13	18.87	19.01	18.86	
5	256QAM	25	0	18.72	18.93	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.22	20.11	20.00	21.5
3	QPSK	1	8	20.14	19.87	19.75	
3	QPSK	1	14	19.98	19.79	19.89	
3	QPSK	8	0	20.14	19.97	19.99	21.5
3	QPSK	8	4	20.10	20.01	19.90	
3	QPSK	8	7	20.02	19.97	19.89	
3	QPSK	15	0	20.17	19.99	19.89	
3	16QAM	1	0	20.13	20.03	19.86	21.5
3	16QAM	1	8	20.11	20.13	19.93	
3	16QAM	1	14	20.14	20.25	19.87	
3	16QAM	8	0	20.15	19.94	19.92	21.5
3	16QAM	8	4	20.20	19.96	19.95	
3	16QAM	8	7	20.11	19.97	19.90	
3	16QAM	15	0	20.16	19.90	19.89	
3	64QAM	1	0	20.18	20.08	19.89	21.5
3	64QAM	1	8	20.15	20.03	20.01	
3	64QAM	1	14	20.18	20.02	19.92	
3	64QAM	8	0	20.11	19.97	19.95	21.5
3	64QAM	8	4	20.03	19.95	19.91	
3	64QAM	8	7	20.06	19.91	19.88	
3	64QAM	15	0	20.17	19.86	19.92	
3	256QAM	1	0	18.97	19.14	19.06	20
3	256QAM	1	8	19.02	19.23	19.04	
3	256QAM	1	14	18.97	19.17	18.99	
3	256QAM	8	0	18.78	18.89	18.84	20
3	256QAM	8	4	18.81	18.95	18.81	
3	256QAM	8	7	18.88	18.91	18.89	
3	256QAM	15	0	18.70	18.89	18.68	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.23	20.03	19.93	21.5
1.4	QPSK	1	3	20.13	19.98	19.86	
1.4	QPSK	1	5	20.16	20.05	19.91	
1.4	QPSK	3	0	20.19	20.07	19.92	
1.4	QPSK	3	1	20.09	19.94	19.82	
1.4	QPSK	3	3	20.20	20.06	19.95	
1.4	QPSK	6	0	20.23	20.09	19.97	21.5
1.4	16QAM	1	0	20.16	20.13	20.26	21.5
1.4	16QAM	1	3	20.20	20.12	20.22	
1.4	16QAM	1	5	20.18	20.11	20.23	
1.4	16QAM	3	0	20.20	20.01	19.86	
1.4	16QAM	3	1	20.27	20.06	19.94	
1.4	16QAM	3	3	20.18	19.99	19.91	
1.4	16QAM	6	0	20.29	20.11	19.99	21.5
1.4	64QAM	1	0	20.28	20.27	20.08	21.5
1.4	64QAM	1	3	20.30	20.30	20.21	
1.4	64QAM	1	5	20.30	20.21	20.09	
1.4	64QAM	3	0	20.20	20.05	19.99	
1.4	64QAM	3	1	20.23	20.08	19.96	
1.4	64QAM	3	3	20.28	20.11	19.98	
1.4	64QAM	6	0	20.16	20.01	19.94	21.5
1.4	256QAM	1	0	18.94	19.19	19.01	20
1.4	256QAM	1	3	19.10	19.15	19.01	
1.4	256QAM	1	5	18.89	19.18	19.03	
1.4	256QAM	3	0	18.88	18.98	18.81	
1.4	256QAM	3	1	18.82	18.93	18.84	
1.4	256QAM	3	3	18.88	18.93	18.88	
1.4	256QAM	6	0	18.66	18.90	18.71	20



<LTE Band 66_Ant 5_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	25
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	24
20	16QAM	1	0	23.06	23.05	23.03	
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	23
20	16QAM	50	0	21.74	21.78	21.75	
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	23
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	
20	64QAM	1	49	21.82	21.74	21.90	22
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	
20	64QAM	50	24	20.75	20.74	20.81	20
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	25
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	24
15	16QAM	1	0	22.89	22.91	22.85	
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	23
15	16QAM	36	0	21.70	21.74	21.62	
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	23
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	
15	64QAM	1	37	21.82	21.74	21.72	22
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	
15	64QAM	36	20	20.70	20.60	20.64	20
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	25
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	23
10	16QAM	25	0	21.73	21.67	21.71	
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	23
10	64QAM	1	0	21.90	21.71	21.87	
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	22
10	64QAM	25	0	20.82	20.65	20.69	
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	20
10	256QAM	1	0	18.90	18.82	18.73	
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	25
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	25
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	25
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	23
1.4	16QAM	6	0	21.82	21.78	21.69	
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	22
1.4	64QAM	6	0	20.84	20.64	20.74	
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	20
1.4	256QAM	6	0	18.62	18.69	18.62	



<LTE Band 66_Ant 2_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.59	17.71	17.53	18.4
20	QPSK	1	49	17.58	17.57	17.44	
20	QPSK	1	99	17.66	17.40	17.50	
20	QPSK	50	0	17.39	17.40	17.31	18.4
20	QPSK	50	24	17.36	17.24	17.28	
20	QPSK	50	50	17.37	17.25	17.18	
20	QPSK	100	0	17.39	17.27	17.25	
20	16QAM	1	0	17.43	17.34	17.32	18.4
20	16QAM	1	49	17.36	17.23	17.21	
20	16QAM	1	99	17.32	17.17	17.17	
20	16QAM	50	0	17.41	17.26	17.27	18.4
20	16QAM	50	24	17.38	17.26	17.22	
20	16QAM	50	50	17.35	17.26	17.22	
20	16QAM	100	0	17.39	17.23	17.24	
20	64QAM	1	0	17.65	17.51	17.50	18.4
20	64QAM	1	49	17.63	17.49	17.52	
20	64QAM	1	99	17.51	17.45	17.34	
20	64QAM	50	0	17.44	17.34	17.30	18.4
20	64QAM	50	24	17.43	17.31	17.31	
20	64QAM	50	50	17.41	17.28	17.23	
20	64QAM	100	0	17.46	17.35	17.31	
20	256QAM	1	0	17.42	17.31	17.35	18.4
20	256QAM	1	49	17.44	17.33	17.32	
20	256QAM	1	99	17.27	17.22	17.16	
20	256QAM	50	0	17.23	17.11	17.08	18.4
20	256QAM	50	24	17.22	17.12	17.11	
20	256QAM	50	50	17.18	17.07	16.98	
20	256QAM	100	0	17.26	17.14	17.16	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.62	17.60	17.52	18.4
15	QPSK	1	37	17.46	17.58	17.43	
15	QPSK	1	74	17.57	17.40	17.44	
15	QPSK	36	0	17.26	17.26	17.27	18.4
15	QPSK	36	20	17.24	17.22	17.27	
15	QPSK	36	39	17.23	17.18	17.17	
15	QPSK	75	0	17.25	17.24	17.21	
15	16QAM	1	0	17.28	17.26	17.32	18.4
15	16QAM	1	37	17.28	17.20	17.20	
15	16QAM	1	74	17.24	17.16	17.10	
15	16QAM	36	0	17.34	17.20	17.22	18.4
15	16QAM	36	20	17.30	17.19	17.16	
15	16QAM	36	39	17.23	17.21	17.21	
15	16QAM	75	0	17.29	17.17	17.27	
15	64QAM	1	0	17.53	17.53	17.49	18.4
15	64QAM	1	37	17.48	17.44	17.48	
15	64QAM	1	74	17.43	17.45	17.36	
15	64QAM	36	0	17.33	17.32	17.24	18.4
15	64QAM	36	20	17.30	17.30	17.28	
15	64QAM	36	39	17.29	17.26	17.23	
15	64QAM	75	0	17.38	17.29	17.33	
15	256QAM	1	0	17.52	17.47	17.48	18.4
15	256QAM	1	37	17.43	17.42	17.44	
15	256QAM	1	74	17.33	17.39	17.30	
15	256QAM	36	0	17.26	17.25	17.21	18.4
15	256QAM	36	20	17.28	17.24	17.22	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	17.22	17.22	17.13	Tune-up limit (dBm)
15	256QAM	75	0	17.32	17.24	17.20	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.59	17.58	17.55	18.4
10	QPSK	1	25	17.49	17.57	17.42	
10	QPSK	1	49	17.55	17.36	17.55	
10	QPSK	25	0	17.28	17.30	17.29	18.4
10	QPSK	25	12	17.32	17.21	17.30	
10	QPSK	25	25	17.30	17.23	17.20	
10	QPSK	50	0	17.32	17.19	17.26	
10	16QAM	1	0	17.36	17.34	17.35	18.4
10	16QAM	1	25	17.25	17.14	17.26	
10	16QAM	1	49	17.27	17.15	17.19	
10	16QAM	25	0	17.33	17.16	17.27	18.4
10	16QAM	25	12	17.24	17.22	17.29	
10	16QAM	25	25	17.21	17.25	17.28	
10	16QAM	50	0	17.31	17.16	17.28	
10	64QAM	1	0	17.56	17.46	17.58	18.4
10	64QAM	1	25	17.53	17.44	17.52	
10	64QAM	1	49	17.37	17.42	17.40	
10	64QAM	25	0	17.37	17.27	17.33	18.4
10	64QAM	25	12	17.33	17.22	17.30	
10	64QAM	25	25	17.37	17.23	17.25	
10	64QAM	50	0	17.33	17.32	17.39	
10	256QAM	1	0	17.51	17.45	17.52	18.4
10	256QAM	1	25	17.47	17.38	17.55	
10	256QAM	1	49	17.40	17.38	17.32	
10	256QAM	25	0	17.28	17.20	17.30	18.4
10	256QAM	25	12	17.28	17.24	17.30	
10	256QAM	25	25	17.25	17.21	17.21	
10	256QAM	50	0	17.35	17.21	17.32	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.56	17.55	17.52	18.4
5	QPSK	1	12	17.52	17.62	17.39	
5	QPSK	1	24	17.60	17.46	17.45	
5	QPSK	12	0	17.24	17.29	17.22	18.4
5	QPSK	12	7	17.27	17.20	17.17	
5	QPSK	12	13	17.23	17.22	17.10	
5	QPSK	25	0	17.29	17.23	17.14	
5	16QAM	1	0	17.38	17.37	17.21	18.4
5	16QAM	1	12	17.23	17.19	17.18	
5	16QAM	1	24	17.25	17.15	17.08	
5	16QAM	12	0	17.36	17.26	17.20	18.4
5	16QAM	12	7	17.24	17.28	17.17	
5	16QAM	12	13	17.29	17.29	17.19	
5	16QAM	25	0	17.28	17.27	17.23	
5	64QAM	1	0	17.54	17.49	17.41	18.4
5	64QAM	1	12	17.53	17.49	17.50	
5	64QAM	1	24	17.42	17.42	17.32	
5	64QAM	12	0	17.29	17.37	17.20	18.4
5	64QAM	12	7	17.36	17.29	17.20	
5	64QAM	12	13	17.30	17.32	17.18	
5	64QAM	25	0	17.33	17.40	17.20	
5	256QAM	1	0	17.53	17.46	17.42	18.4
5	256QAM	1	12	17.45	17.49	17.43	
5	256QAM	1	24	17.34	17.38	17.26	
5	256QAM	12	0	17.24	17.33	17.18	18.4
5	256QAM	12	7	17.27	17.29	17.20	
5	256QAM	12	13	17.21	17.19	17.12	
5	256QAM	25	0	17.30	17.30	17.22	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.57	17.54	17.51	18.4
3	QPSK	1	8	17.44	17.51	17.43	
3	QPSK	1	14	17.48	17.29	17.51	
3	QPSK	8	0	17.22	17.21	17.28	18.4
3	QPSK	8	4	17.17	17.16	17.33	
3	QPSK	8	7	17.19	17.17	17.23	
3	QPSK	15	0	17.18	17.19	17.22	18.4
3	16QAM	1	0	17.25	17.24	17.32	
3	16QAM	1	8	17.25	17.13	17.24	
3	16QAM	1	14	17.19	17.09	17.24	18.4
3	16QAM	8	0	17.26	17.18	17.25	
3	16QAM	8	4	17.18	17.15	17.19	
3	16QAM	8	7	17.17	17.22	17.28	18.4
3	16QAM	15	0	17.21	17.13	17.23	
3	64QAM	1	0	17.53	17.48	17.51	
3	64QAM	1	8	17.42	17.44	17.53	18.4
3	64QAM	1	14	17.38	17.43	17.34	
3	64QAM	8	0	17.30	17.27	17.30	
3	64QAM	8	4	17.28	17.27	17.32	18.4
3	64QAM	8	7	17.26	17.23	17.21	
3	64QAM	15	0	17.33	17.27	17.34	
3	256QAM	1	0	17.39	17.43	17.42	18.4
3	256QAM	1	8	17.42	17.35	17.54	
3	256QAM	1	14	17.28	17.32	17.29	
3	256QAM	8	0	17.28	17.21	17.22	18.4
3	256QAM	8	4	17.24	17.19	17.33	
3	256QAM	8	7	17.24	17.11	17.15	
3	256QAM	15	0	17.26	17.26	17.25	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	18.4
1.4	QPSK	1	0	17.59	17.61	17.60	
1.4	QPSK	1	3	17.52	17.52	17.51	
1.4	QPSK	1	5	17.54	17.37	17.57	
1.4	QPSK	3	0	17.33	17.35	17.38	
1.4	QPSK	3	1	17.25	17.26	17.42	
1.4	QPSK	3	3	17.30	17.23	17.30	
1.4	QPSK	6	0	17.24	17.32	17.36	18.4
1.4	16QAM	1	0	17.32	17.31	17.45	18.4
1.4	16QAM	1	3	17.21	17.18	17.26	
1.4	16QAM	1	5	17.21	17.15	17.32	
1.4	16QAM	3	0	17.31	17.22	17.35	
1.4	16QAM	3	1	17.25	17.23	17.28	
1.4	16QAM	3	3	17.21	17.25	17.28	18.4
1.4	16QAM	6	0	17.24	17.27	17.36	
1.4	64QAM	1	0	17.53	17.46	17.55	18.4
1.4	64QAM	1	3	17.57	17.53	17.58	
1.4	64QAM	1	5	17.36	17.50	17.49	
1.4	64QAM	3	0	17.34	17.37	17.35	
1.4	64QAM	3	1	17.34	17.33	17.39	
1.4	64QAM	3	3	17.29	17.24	17.34	18.4
1.4	64QAM	6	0	17.31	17.31	17.45	
1.4	256QAM	1	0	17.52	17.42	17.56	18.4
1.4	256QAM	1	3	17.46	17.41	17.54	
1.4	256QAM	1	5	17.39	17.36	17.41	
1.4	256QAM	3	0	17.28	17.30	17.36	
1.4	256QAM	3	1	17.25	17.29	17.33	
1.4	256QAM	3	3	17.24	17.21	17.31	18.4
1.4	256QAM	6	0	17.33	17.31	17.39	

**<LTE Band 66_Ant 1_Index 6>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	25
20	QPSK	1	49	23.73	23.66	23.68	
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	24
20	QPSK	50	24	22.96	22.89	22.86	
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	24
20	16QAM	1	0	23.22	23.03	23.12	
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	23
20	16QAM	50	0	21.85	21.83	21.82	
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	23
20	16QAM	100	0	21.84	21.79	21.81	
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	22
20	64QAM	1	99	21.89	21.86	21.90	
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	20
20	64QAM	50	50	20.92	20.85	20.80	
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	20
20	256QAM	1	49	18.58	18.60	18.54	
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	20
20	256QAM	50	24	18.84	18.84	18.83	
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	25
15	QPSK	1	37	23.64	23.52	23.49	
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	24
15	QPSK	36	20	22.92	22.89	22.83	
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	24
15	16QAM	1	0	23.02	22.86	23.06	
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	23
15	16QAM	36	0	21.83	21.67	21.63	
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	23
15	16QAM	75	0	21.77	21.77	21.66	
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	22
15	64QAM	1	74	21.79	21.85	21.71	
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	20
15	64QAM	36	39	20.73	20.70	20.79	
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	20
15	256QAM	1	37	18.39	18.48	18.34	
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	20
15	256QAM	36	20	18.73	18.65	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	25
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	20
10	256QAM	25	0	18.71	18.76	18.65	
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	Tune-up limit (dBm)
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)
5	QPSK	1	0	23.89	23.78	23.84	
5	QPSK	1	12	23.71	23.60	23.60	25
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	25
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	
3	16QAM	1	0	23.20	22.86	22.95	24
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	
3	16QAM	8	0	21.81	21.76	21.63	23
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	23
3	64QAM	1	8	21.73	21.78	21.66	
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	22
3	64QAM	8	4	20.83	20.77	20.76	
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.92	23.82	23.83	25
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	
1.4	QPSK	3	0	23.95	23.86	23.82	
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	
1.4	QPSK	6	0	22.95	22.73	22.79	24
1.4	16QAM	1	0	22.83	22.85	22.83	24
1.4	16QAM	1	3	22.88	22.71	22.64	
1.4	16QAM	1	5	22.90	22.68	22.69	
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	
1.4	16QAM	3	3	23.05	22.95	22.82	23
1.4	16QAM	6	0	21.78	21.77	21.70	
1.4	64QAM	1	0	21.69	21.78	21.63	23
1.4	64QAM	1	3	21.81	21.75	21.73	
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	
1.4	64QAM	3	1	21.67	21.81	21.73	
1.4	64QAM	3	3	21.87	21.84	21.88	22
1.4	64QAM	6	0	20.77	20.71	20.68	
1.4	256QAM	1	0	19.02	18.93	18.86	20
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	
1.4	256QAM	3	0	18.73	18.71	18.61	
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	20
1.4	256QAM	6	0	18.63	18.74	18.81	



<LTE Band 66_Ant 0_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.32	20.22	20.13	20.8
20	QPSK	1	49	20.09	19.91	19.70	
20	QPSK	1	99	20.03	19.87	19.85	
20	QPSK	50	0	20.09	20.03	19.93	20.8
20	QPSK	50	24	20.12	19.94	19.93	
20	QPSK	50	50	20.05	19.90	19.85	
20	QPSK	100	0	20.19	19.92	19.92	
20	16QAM	1	0	20.16	20.08	19.94	20.8
20	16QAM	1	49	20.12	20.17	19.85	
20	16QAM	1	99	20.17	20.26	19.89	
20	16QAM	50	0	20.20	20.00	19.96	20.8
20	16QAM	50	24	20.14	19.97	19.95	
20	16QAM	50	50	20.12	19.90	19.84	
20	16QAM	100	0	20.18	19.90	19.96	
20	64QAM	1	0	20.11	19.98	19.86	20.8
20	64QAM	1	49	20.16	19.99	20.05	
20	64QAM	1	99	20.22	19.99	19.91	
20	64QAM	50	0	20.15	20.05	19.99	20.8
20	64QAM	50	24	20.08	19.99	19.94	
20	64QAM	50	50	20.06	19.93	19.86	
20	64QAM	100	0	20.11	19.90	19.90	
20	256QAM	1	0	18.96	19.12	19.02	20
20	256QAM	1	49	19.09	19.24	19.00	
20	256QAM	1	99	18.99	19.09	18.99	
20	256QAM	50	0	18.87	18.98	18.77	20
20	256QAM	50	24	18.84	18.90	18.86	
20	256QAM	50	50	18.82	18.94	18.81	
20	256QAM	100	0	18.67	18.91	18.68	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.24	20.16	19.97	20.8
15	QPSK	1	37	20.06	19.78	19.61	
15	QPSK	1	74	19.90	19.81	19.69	
15	QPSK	36	0	19.93	19.99	19.80	20.8
15	QPSK	36	20	20.06	19.89	19.89	
15	QPSK	36	39	20.02	19.79	19.69	
15	QPSK	75	0	20.09	19.79	19.77	
15	16QAM	1	0	20.15	20.06	19.75	20.8
15	16QAM	1	37	20.11	20.04	19.70	
15	16QAM	1	74	20.14	20.08	19.85	
15	16QAM	36	0	20.13	19.96	19.77	20.8
15	16QAM	36	20	19.97	19.91	19.77	
15	16QAM	36	39	20.03	19.70	19.82	
15	16QAM	75	0	20.04	19.70	19.90	
15	64QAM	1	0	19.94	19.79	19.85	20.8
15	64QAM	1	37	20.10	19.85	19.85	
15	64QAM	1	74	20.07	19.92	19.72	
15	64QAM	36	0	20.13	19.85	19.79	20.8
15	64QAM	36	20	19.89	19.79	19.91	
15	64QAM	36	39	19.90	19.93	19.70	
15	64QAM	75	0	20.10	19.74	19.87	
15	256QAM	1	0	18.95	19.09	18.94	20
15	256QAM	1	37	19.03	19.12	18.80	
15	256QAM	1	74	18.85	18.92	18.99	
15	256QAM	36	0	18.75	18.86	18.73	20
15	256QAM	36	20	18.69	18.83	18.75	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.80	18.68	Tune-up limit (dBm)
15	256QAM	75	0	18.59	18.74	18.66	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.23	20.13	19.98	20.8
10	QPSK	1	25	20.09	19.74	19.50	
10	QPSK	1	49	19.95	19.69	19.73	
10	QPSK	25	0	20.02	19.84	19.91	20.8
10	QPSK	25	12	20.11	19.82	19.87	
10	QPSK	25	25	19.93	19.81	19.69	
10	QPSK	50	0	20.02	19.91	19.76	
10	16QAM	1	0	20.14	20.04	19.83	20.8
10	16QAM	1	25	20.03	20.02	19.70	
10	16QAM	1	49	20.00	20.11	19.88	
10	16QAM	25	0	20.07	19.81	19.81	20.8
10	16QAM	25	12	19.99	19.87	19.87	
10	16QAM	25	25	19.98	19.90	19.83	
10	16QAM	50	0	20.18	19.88	19.91	
10	64QAM	1	0	19.96	19.91	19.81	20.8
10	64QAM	1	25	20.02	19.98	19.97	
10	64QAM	1	49	20.19	19.97	19.80	
10	64QAM	25	0	20.00	19.98	19.90	20.8
10	64QAM	25	12	19.96	19.94	19.77	
10	64QAM	25	25	19.91	19.82	19.66	
10	64QAM	50	0	19.91	19.83	19.71	
10	256QAM	1	0	18.79	19.02	18.95	20
10	256QAM	1	25	18.92	19.07	18.95	
10	256QAM	1	49	18.81	19.04	18.91	
10	256QAM	25	0	18.69	18.82	18.63	20
10	256QAM	25	12	18.77	18.72	18.71	
10	256QAM	25	25	18.70	18.74	18.67	
10	256QAM	50	0	18.67	18.77	18.68	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.15	20.11	19.93	20.8
5	QPSK	1	12	20.11	19.87	19.77	
5	QPSK	1	24	20.03	19.81	19.88	
5	QPSK	12	0	20.13	19.96	19.94	20.8
5	QPSK	12	7	20.08	20.01	19.89	
5	QPSK	12	13	20.03	19.93	19.90	
5	QPSK	25	0	20.13	19.98	19.91	
5	16QAM	1	0	20.16	20.09	19.87	20.8
5	16QAM	1	12	20.11	20.13	19.89	
5	16QAM	1	24	20.15	20.26	19.91	
5	16QAM	12	0	20.13	19.99	20.01	20.8
5	16QAM	12	7	20.16	19.89	19.90	
5	16QAM	12	13	20.09	19.96	19.85	
5	16QAM	25	0	20.18	19.94	19.92	
5	64QAM	1	0	20.12	19.99	19.92	20.8
5	64QAM	1	12	20.24	20.03	20.04	
5	64QAM	1	24	20.20	20.03	19.90	
5	64QAM	12	0	20.16	20.01	19.98	20.8
5	64QAM	12	7	20.01	19.93	19.90	
5	64QAM	12	13	20.04	19.89	19.85	
5	64QAM	25	0	20.11	19.90	19.99	
5	256QAM	1	0	18.97	19.10	19.04	20
5	256QAM	1	12	19.08	19.25	19.03	
5	256QAM	1	24	18.92	19.14	19.03	
5	256QAM	12	0	18.86	18.95	18.84	20
5	256QAM	12	7	18.82	18.92	18.80	
5	256QAM	12	13	18.87	19.01	18.86	
5	256QAM	25	0	18.72	18.93	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.22	20.11	20.00	20.8
3	QPSK	1	8	20.14	19.87	19.75	
3	QPSK	1	14	19.98	19.79	19.89	
3	QPSK	8	0	20.14	19.97	19.99	20.8
3	QPSK	8	4	20.10	20.01	19.90	
3	QPSK	8	7	20.02	19.97	19.89	
3	QPSK	15	0	20.17	19.99	19.89	
3	16QAM	1	0	20.13	20.03	19.86	20.8
3	16QAM	1	8	20.11	20.13	19.93	
3	16QAM	1	14	20.14	20.25	19.87	
3	16QAM	8	0	20.15	19.94	19.92	20.8
3	16QAM	8	4	20.20	19.96	19.95	
3	16QAM	8	7	20.11	19.97	19.90	
3	16QAM	15	0	20.16	19.90	19.89	
3	64QAM	1	0	20.18	20.08	19.89	20.8
3	64QAM	1	8	20.15	20.03	20.01	
3	64QAM	1	14	20.18	20.02	19.92	
3	64QAM	8	0	20.11	19.97	19.95	20.8
3	64QAM	8	4	20.03	19.95	19.91	
3	64QAM	8	7	20.06	19.91	19.88	
3	64QAM	15	0	20.17	19.86	19.92	
3	256QAM	1	0	18.97	19.14	19.06	20
3	256QAM	1	8	19.02	19.23	19.04	
3	256QAM	1	14	18.97	19.17	18.99	
3	256QAM	8	0	18.78	18.89	18.84	20
3	256QAM	8	4	18.81	18.95	18.81	
3	256QAM	8	7	18.88	18.91	18.89	
3	256QAM	15	0	18.70	18.89	18.68	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.23	20.03	19.93	20.8
1.4	QPSK	1	3	20.13	19.98	19.86	
1.4	QPSK	1	5	20.16	20.05	19.91	
1.4	QPSK	3	0	20.19	20.07	19.92	
1.4	QPSK	3	1	20.09	19.94	19.82	
1.4	QPSK	3	3	20.20	20.06	19.95	
1.4	QPSK	6	0	20.23	20.09	19.97	20.8
1.4	16QAM	1	0	20.16	20.13	20.26	20.8
1.4	16QAM	1	3	20.20	20.12	20.22	
1.4	16QAM	1	5	20.18	20.11	20.23	
1.4	16QAM	3	0	20.20	20.01	19.86	
1.4	16QAM	3	1	20.27	20.06	19.94	
1.4	16QAM	3	3	20.18	19.99	19.91	
1.4	16QAM	6	0	20.29	20.11	19.99	20.8
1.4	64QAM	1	0	20.28	20.27	20.08	20.8
1.4	64QAM	1	3	20.30	20.30	20.21	
1.4	64QAM	1	5	20.30	20.21	20.09	
1.4	64QAM	3	0	20.20	20.05	19.99	
1.4	64QAM	3	1	20.23	20.08	19.96	
1.4	64QAM	3	3	20.28	20.11	19.98	
1.4	64QAM	6	0	20.16	20.01	19.94	20.8
1.4	256QAM	1	0	18.94	19.19	19.01	20
1.4	256QAM	1	3	19.10	19.15	19.01	
1.4	256QAM	1	5	18.89	19.18	19.03	
1.4	256QAM	3	0	18.88	18.98	18.81	
1.4	256QAM	3	1	18.82	18.93	18.84	
1.4	256QAM	3	3	18.88	18.93	18.88	
1.4	256QAM	6	0	18.66	18.90	18.71	20



<LTE Band 66_Ant 5_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	25
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	24
20	16QAM	1	0	23.06	23.05	23.03	
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	23
20	16QAM	50	0	21.74	21.78	21.75	
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	23
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	
20	64QAM	1	49	21.82	21.74	21.90	22
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	
20	64QAM	50	24	20.75	20.74	20.81	20
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	25
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	24
15	16QAM	1	0	22.89	22.91	22.85	
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	23
15	16QAM	36	0	21.70	21.74	21.62	
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	23
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	
15	64QAM	1	37	21.82	21.74	21.72	22
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	
15	64QAM	36	20	20.70	20.60	20.64	20
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	25
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	23
10	16QAM	25	0	21.73	21.67	21.71	
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	23
10	64QAM	1	0	21.90	21.71	21.87	
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	22
10	64QAM	25	0	20.82	20.65	20.69	
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	20
10	256QAM	1	0	18.90	18.82	18.73	
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	25
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	25
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	25
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	23
1.4	16QAM	6	0	21.82	21.78	21.69	
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	22
1.4	64QAM	6	0	20.84	20.64	20.74	
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	20
1.4	256QAM	6	0	18.62	18.69	18.62	



<LTE Band 66_Ant 2_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.00	23.96	23.94	
20	QPSK	1	49	23.80	23.77	23.96	25
20	QPSK	1	99	23.95	23.92	23.88	
20	QPSK	50	0	23.06	22.97	23.01	
20	QPSK	50	24	23.04	22.93	22.95	24
20	QPSK	50	50	22.98	22.94	22.94	
20	QPSK	100	0	22.97	22.96	22.96	
20	16QAM	1	0	23.24	23.28	23.42	24
20	16QAM	1	49	23.18	23.07	23.23	
20	16QAM	1	99	23.31	23.26	23.20	
20	16QAM	50	0	21.95	21.93	21.96	23
20	16QAM	50	24	21.95	21.88	21.95	
20	16QAM	50	50	21.90	21.87	21.90	
20	16QAM	100	0	21.96	21.94	21.92	23
20	64QAM	1	0	22.14	22.16	22.16	
20	64QAM	1	49	21.96	21.96	21.76	
20	64QAM	1	99	22.08	22.10	22.04	22
20	64QAM	50	0	21.03	20.98	21.02	
20	64QAM	50	24	21.03	20.94	20.98	
20	64QAM	50	50	20.96	20.94	20.99	20
20	64QAM	100	0	20.98	20.91	20.98	
20	256QAM	1	0	19.22	19.12	19.20	
20	256QAM	1	49	18.84	18.84	18.85	20
20	256QAM	1	99	18.92	18.88	18.89	
20	256QAM	50	0	19.11	19.01	19.04	20
20	256QAM	50	24	19.00	18.90	18.89	
20	256QAM	50	50	18.95	18.91	18.98	
20	256QAM	100	0	18.97	18.94	18.99	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.94	23.76	23.90	25
15	QPSK	1	37	23.62	23.61	23.89	
15	QPSK	1	74	23.80	23.91	23.78	
15	QPSK	36	0	22.96	22.87	22.87	24
15	QPSK	36	20	22.96	22.83	22.90	
15	QPSK	36	39	22.92	22.94	22.75	
15	QPSK	75	0	22.94	22.90	22.80	24
15	16QAM	1	0	23.18	23.15	23.23	
15	16QAM	1	37	23.10	23.03	23.09	
15	16QAM	1	74	23.22	23.15	23.19	23
15	16QAM	36	0	21.90	21.73	21.92	
15	16QAM	36	20	21.90	21.87	21.87	
15	16QAM	36	39	21.79	21.87	21.79	23
15	16QAM	75	0	21.93	21.78	21.77	
15	64QAM	1	0	21.97	22.13	22.00	
15	64QAM	1	37	21.78	21.87	21.67	22
15	64QAM	1	74	21.90	21.90	21.92	
15	64QAM	36	0	20.95	20.81	20.98	
15	64QAM	36	20	20.83	20.94	20.80	20
15	64QAM	36	39	20.96	20.82	20.82	
15	64QAM	75	0	20.83	20.88	20.90	
15	256QAM	1	0	19.12	19.02	19.06	20
15	256QAM	1	37	18.73	18.81	18.76	
15	256QAM	1	74	18.85	18.83	18.89	
15	256QAM	36	0	19.00	18.95	18.97	20
15	256QAM	36	20	19.00	18.79	18.81	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.87	18.78	18.91	Tune-up limit (dBm)
15	256QAM	75	0	18.87	18.91	18.98	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.92	23.95	23.94	25
10	QPSK	1	25	23.64	23.69	23.94	
10	QPSK	1	49	23.77	23.92	23.72	
10	QPSK	25	0	22.98	22.83	22.82	24
10	QPSK	25	12	22.86	22.79	22.90	
10	QPSK	25	25	22.95	22.84	22.83	
10	QPSK	50	0	22.94	22.93	22.83	
10	16QAM	1	0	23.14	23.27	23.25	24
10	16QAM	1	25	23.07	22.95	23.12	
10	16QAM	1	49	23.27	23.13	23.15	23
10	16QAM	25	0	21.85	21.92	21.80	
10	16QAM	25	12	21.76	21.75	21.93	
10	16QAM	25	25	21.86	21.78	21.72	
10	16QAM	50	0	21.93	21.93	21.75	23
10	64QAM	1	0	22.00	21.97	21.97	
10	64QAM	1	25	21.86	21.90	21.56	
10	64QAM	1	49	21.92	22.02	21.86	22
10	64QAM	25	0	21.03	20.80	20.86	
10	64QAM	25	12	20.94	20.76	20.95	
10	64QAM	25	25	20.94	20.90	20.97	
10	64QAM	50	0	20.87	20.89	20.92	20
10	256QAM	1	0	19.15	19.07	19.15	
10	256QAM	1	25	18.82	18.73	18.82	
10	256QAM	1	49	18.91	18.70	18.87	
10	256QAM	25	0	19.01	18.85	18.93	20
10	256QAM	25	12	18.85	18.81	18.73	
10	256QAM	25	25	18.80	18.88	18.83	
10	256QAM	50	0	18.86	18.82	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.81	23.96	23.77	25
5	QPSK	1	12	23.62	23.73	23.96	
5	QPSK	1	24	23.86	23.75	23.85	
5	QPSK	12	0	22.96	22.97	22.93	24
5	QPSK	12	7	22.92	22.78	22.95	
5	QPSK	12	13	22.82	22.87	22.89	
5	QPSK	25	0	22.97	22.84	22.89	
5	16QAM	1	0	23.18	23.16	23.41	24
5	16QAM	1	12	23.15	22.94	23.08	
5	16QAM	1	24	23.25	23.10	23.05	
5	16QAM	12	0	21.75	21.78	21.83	23
5	16QAM	12	7	21.88	21.76	21.92	
5	16QAM	12	13	21.87	21.86	21.86	
5	16QAM	25	0	21.90	21.91	21.74	
5	64QAM	1	0	21.98	21.99	22.06	23
5	64QAM	1	12	21.77	21.90	21.72	
5	64QAM	1	24	21.90	22.08	21.93	
5	64QAM	12	0	20.94	20.84	21.01	22
5	64QAM	12	7	20.97	20.86	20.98	
5	64QAM	12	13	20.83	20.89	20.84	
5	64QAM	25	0	20.78	20.89	20.93	
5	256QAM	1	0	19.14	19.07	19.01	20
5	256QAM	1	12	18.81	18.83	18.68	
5	256QAM	1	24	18.91	18.86	18.71	
5	256QAM	12	0	19.05	18.84	18.88	20
5	256QAM	12	7	18.94	18.84	18.87	
5	256QAM	12	13	18.87	18.76	18.94	
5	256QAM	25	0	18.84	18.82	18.82	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.82	23.77	25
3	QPSK	1	8	23.64	23.64	23.80	
3	QPSK	1	14	23.81	23.90	23.78	
3	QPSK	8	0	22.94	22.88	22.99	24
3	QPSK	8	4	23.04	22.80	22.87	
3	QPSK	8	7	22.92	22.77	22.75	
3	QPSK	15	0	22.83	22.86	22.81	
3	16QAM	1	0	23.18	23.10	23.26	24
3	16QAM	1	8	23.10	22.92	23.16	
3	16QAM	1	14	23.12	23.11	23.16	
3	16QAM	8	0	21.80	21.88	21.84	23
3	16QAM	8	4	21.82	21.75	21.88	
3	16QAM	8	7	21.74	21.77	21.84	
3	16QAM	15	0	21.83	21.93	21.73	
3	64QAM	1	0	22.11	21.97	22.06	23
3	64QAM	1	8	21.85	21.84	21.65	
3	64QAM	1	14	21.90	21.95	22.04	
3	64QAM	8	0	20.93	20.88	21.01	22
3	64QAM	8	4	20.86	20.76	20.84	
3	64QAM	8	7	20.89	20.76	20.90	
3	64QAM	15	0	20.90	20.87	20.80	
3	256QAM	1	0	19.04	18.95	19.17	20
3	256QAM	1	8	18.76	18.78	18.73	
3	256QAM	1	14	18.75	18.75	18.70	
3	256QAM	8	0	18.93	19.01	18.86	20
3	256QAM	8	4	18.96	18.74	18.77	
3	256QAM	8	7	18.85	18.84	18.86	
3	256QAM	15	0	18.86	18.87	18.81	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.81	23.86	23.76	25
1.4	QPSK	1	3	23.72	23.60	23.83	
1.4	QPSK	1	5	23.76	23.72	23.82	
1.4	QPSK	3	0	23.95	23.85	23.80	
1.4	QPSK	3	1	23.67	23.61	23.94	
1.4	QPSK	3	3	23.94	23.72	23.86	
1.4	QPSK	6	0	22.98	22.77	22.81	24
1.4	16QAM	1	0	22.93	22.75	22.85	24
1.4	16QAM	1	3	22.93	22.88	22.80	
1.4	16QAM	1	5	22.89	22.85	22.77	
1.4	16QAM	3	0	23.18	23.27	23.34	
1.4	16QAM	3	1	23.16	23.05	23.03	
1.4	16QAM	3	3	23.27	23.08	23.09	23
1.4	16QAM	6	0	21.82	21.91	21.85	
1.4	64QAM	1	0	21.78	21.76	21.87	
1.4	64QAM	1	3	21.72	21.71	21.73	23
1.4	64QAM	1	5	21.92	21.85	21.87	
1.4	64QAM	3	0	21.99	22.14	21.98	
1.4	64QAM	3	1	21.95	21.85	21.74	
1.4	64QAM	3	3	22.05	21.93	21.93	22
1.4	64QAM	6	0	20.93	20.89	20.89	
1.4	256QAM	1	0	19.02	19.02	19.17	20
1.4	256QAM	1	3	18.84	18.76	18.76	
1.4	256QAM	1	5	18.74	18.72	18.75	
1.4	256QAM	3	0	19.03	19.00	19.03	
1.4	256QAM	3	1	18.80	18.70	18.72	
1.4	256QAM	3	3	18.85	18.85	18.81	20
1.4	256QAM	6	0	18.88	18.74	18.97	



<LTE Band 66_Ant 1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	19.2
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.92	18.96	18.95	
20	QPSK	1	49	18.66	18.81	18.63	19.2
20	QPSK	1	99	18.88	18.86	18.92	
20	QPSK	50	0	18.93	18.90	18.86	
20	QPSK	50	24	18.88	18.85	18.84	19.2
20	QPSK	50	50	18.93	18.82	18.81	
20	QPSK	100	0	18.89	18.90	18.87	
20	16QAM	1	0	18.88	18.62	18.92	19.2
20	16QAM	1	49	18.89	18.60	18.76	
20	16QAM	1	99	18.89	18.84	18.90	
20	16QAM	50	0	18.92	18.84	18.81	19.2
20	16QAM	50	24	18.87	18.87	18.80	
20	16QAM	50	50	18.90	18.81	18.78	
20	16QAM	100	0	18.93	18.86	18.80	19.2
20	64QAM	1	0	18.92	18.72	18.74	
20	64QAM	1	49	18.86	18.67	18.63	
20	64QAM	1	99	18.84	18.85	18.87	19.2
20	64QAM	50	0	18.84	18.87	18.90	
20	64QAM	50	24	18.94	18.88	18.89	
20	64QAM	50	50	18.92	18.86	18.93	19.2
20	64QAM	100	0	18.94	18.82	18.90	
20	256QAM	1	0	18.77	18.89	18.87	
20	256QAM	1	49	18.84	18.82	18.85	19.2
20	256QAM	1	99	18.73	18.76	18.90	
20	256QAM	50	0	18.75	18.84	18.81	
20	256QAM	50	24	18.81	18.80	18.90	19.2
20	256QAM	50	50	18.89	18.82	18.93	
20	256QAM	100	0	18.82	18.78	18.82	
Channel				132047	132322	132597	19.2
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.88	18.84	18.79	
15	QPSK	1	37	18.64	18.64	18.50	19.2
15	QPSK	1	74	18.78	18.74	18.89	
15	QPSK	36	0	18.83	18.81	18.77	
15	QPSK	36	20	18.80	18.85	18.77	19.2
15	QPSK	36	39	18.84	18.73	18.80	
15	QPSK	75	0	18.87	18.72	18.77	
15	16QAM	1	0	18.82	18.61	18.91	19.2
15	16QAM	1	37	18.83	18.43	18.76	
15	16QAM	1	74	18.80	18.78	18.71	
15	16QAM	36	0	18.82	18.83	18.73	19.2
15	16QAM	36	20	18.80	18.80	18.70	
15	16QAM	36	39	18.75	18.79	18.76	
15	16QAM	75	0	18.77	18.75	18.73	19.2
15	64QAM	1	0	18.80	18.69	18.63	
15	64QAM	1	37	18.84	18.52	18.54	
15	64QAM	1	74	18.74	18.69	18.87	19.2
15	64QAM	36	0	18.80	18.79	18.82	
15	64QAM	36	20	18.77	18.81	18.84	
15	64QAM	36	39	18.89	18.70	18.78	19.2
15	64QAM	75	0	18.94	18.63	18.85	
15	256QAM	1	0	18.57	18.77	18.71	
15	256QAM	1	37	18.66	18.80	18.72	19.2
15	256QAM	1	74	18.70	18.76	18.71	
15	256QAM	36	0	18.73	18.84	18.64	
15	256QAM	36	20	18.64	18.80	18.82	19.2



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.89	18.80	18.76	Tune-up limit (dBm)
15	256QAM	75	0	18.82	18.65	18.81	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.79	18.87	18.85	19.2
10	QPSK	1	25	18.62	18.62	18.46	
10	QPSK	1	49	18.70	18.85	18.76	
10	QPSK	25	0	18.76	18.80	18.79	19.2
10	QPSK	25	12	18.82	18.77	18.77	
10	QPSK	25	25	18.82	18.71	18.81	
10	QPSK	50	0	18.71	18.71	18.77	
10	16QAM	1	0	18.73	18.49	18.87	19.2
10	16QAM	1	25	18.74	18.49	18.56	
10	16QAM	1	49	18.85	18.76	18.85	
10	16QAM	25	0	18.80	18.75	18.67	19.2
10	16QAM	25	12	18.84	18.72	18.80	
10	16QAM	25	25	18.85	18.81	18.74	
10	16QAM	50	0	18.90	18.86	18.76	
10	64QAM	1	0	18.87	18.58	18.63	19.2
10	64QAM	1	25	18.75	18.63	18.61	
10	64QAM	1	49	18.77	18.84	18.81	
10	64QAM	25	0	18.69	18.71	18.89	19.2
10	64QAM	25	12	18.82	18.82	18.78	
10	64QAM	25	25	18.76	18.69	18.82	
10	64QAM	50	0	18.93	18.63	18.81	
10	256QAM	1	0	18.65	18.73	18.78	19.2
10	256QAM	1	25	18.66	18.70	18.71	
10	256QAM	1	49	18.56	18.68	18.83	
10	256QAM	25	0	18.68	18.75	18.67	19.2
10	256QAM	25	12	18.70	18.72	18.77	
10	256QAM	25	25	18.80	18.73	18.76	
10	256QAM	50	0	18.78	18.72	18.69	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.78	18.90	18.82	19.2
5	QPSK	1	12	18.55	18.70	18.58	
5	QPSK	1	24	18.79	18.68	18.83	
5	QPSK	12	0	18.93	18.70	18.84	19.2
5	QPSK	12	7	18.82	18.70	18.72	
5	QPSK	12	13	18.86	18.73	18.61	
5	QPSK	25	0	18.82	18.80	18.77	
5	16QAM	1	0	18.71	18.45	18.87	19.2
5	16QAM	1	12	18.73	18.54	18.63	
5	16QAM	1	24	18.76	18.74	18.88	
5	16QAM	12	0	18.80	18.66	18.77	19.2
5	16QAM	12	7	18.74	18.81	18.77	
5	16QAM	12	13	18.71	18.75	18.77	
5	16QAM	25	0	18.93	18.82	18.65	
5	64QAM	1	0	18.76	18.70	18.63	19.2
5	64QAM	1	12	18.84	18.47	18.53	
5	64QAM	1	24	18.77	18.66	18.80	
5	64QAM	12	0	18.78	18.75	18.80	19.2
5	64QAM	12	7	18.89	18.74	18.88	
5	64QAM	12	13	18.76	18.66	18.91	
5	64QAM	25	0	18.93	18.66	18.85	
5	256QAM	1	0	18.57	18.77	18.69	19.2
5	256QAM	1	12	18.72	18.75	18.68	
5	256QAM	1	24	18.65	18.75	18.80	
5	256QAM	12	0	18.56	18.68	18.65	19.2
5	256QAM	12	7	18.80	18.75	18.82	
5	256QAM	12	13	18.86	18.62	18.77	
5	256QAM	25	0	18.71	18.71	18.67	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.78	18.83	18.93	19.2
3	QPSK	1	8	18.60	18.75	18.57	
3	QPSK	1	14	18.73	18.79	18.77	
3	QPSK	8	0	18.78	18.89	18.75	19.2
3	QPSK	8	4	18.87	18.65	18.83	
3	QPSK	8	7	18.84	18.76	18.63	
3	QPSK	15	0	18.85	18.72	18.72	
3	16QAM	1	0	18.77	18.62	18.73	19.2
3	16QAM	1	8	18.72	18.54	18.58	
3	16QAM	1	14	18.75	18.77	18.86	
3	16QAM	8	0	18.91	18.65	18.74	19.2
3	16QAM	8	4	18.69	18.71	18.70	
3	16QAM	8	7	18.86	18.72	18.63	
3	16QAM	15	0	18.78	18.67	18.80	
3	64QAM	1	0	18.76	18.62	18.59	19.2
3	64QAM	1	8	18.79	18.47	18.56	
3	64QAM	1	14	18.70	18.71	18.79	
3	64QAM	8	0	18.65	18.75	18.84	19.2
3	64QAM	8	4	18.91	18.80	18.70	
3	64QAM	8	7	18.90	18.76	18.85	
3	64QAM	15	0	18.94	18.67	18.88	
3	256QAM	1	0	18.61	18.75	18.75	19.2
3	256QAM	1	8	18.84	18.63	18.73	
3	256QAM	1	14	18.65	18.75	18.83	
3	256QAM	8	0	18.64	18.77	18.63	19.2
3	256QAM	8	4	18.81	18.65	18.83	
3	256QAM	8	7	18.79	18.62	18.73	
3	256QAM	15	0	18.78	18.58	18.63	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.73	18.89	18.85	19.2
1.4	QPSK	1	3	18.54	18.74	18.47	
1.4	QPSK	1	5	18.85	18.82	18.73	
1.4	QPSK	3	0	18.85	18.72	18.86	
1.4	QPSK	3	1	18.86	18.79	18.71	
1.4	QPSK	3	3	18.73	18.82	18.77	
1.4	QPSK	6	0	18.70	18.86	18.79	19.2
1.4	16QAM	1	0	18.81	18.52	18.90	19.2
1.4	16QAM	1	3	18.89	18.42	18.57	
1.4	16QAM	1	5	18.87	18.66	18.78	
1.4	16QAM	3	0	18.84	18.68	18.78	
1.4	16QAM	3	1	18.69	18.84	18.80	
1.4	16QAM	3	3	18.75	18.77	18.64	
1.4	16QAM	6	0	18.75	18.75	18.77	19.2
1.4	64QAM	1	0	18.81	18.54	18.58	19.2
1.4	64QAM	1	3	18.67	18.49	18.57	
1.4	64QAM	1	5	18.78	18.80	18.79	
1.4	64QAM	3	0	18.67	18.86	18.72	
1.4	64QAM	3	1	18.93	18.78	18.83	
1.4	64QAM	3	3	18.82	18.80	18.85	
1.4	64QAM	6	0	18.77	18.62	18.87	19.2
1.4	256QAM	1	0	18.67	18.71	18.79	19.2
1.4	256QAM	1	3	18.82	18.81	18.68	
1.4	256QAM	1	5	18.72	18.68	18.90	
1.4	256QAM	3	0	18.59	18.80	18.77	
1.4	256QAM	3	1	18.63	18.60	18.75	
1.4	256QAM	3	3	18.75	18.80	18.87	
1.4	256QAM	6	0	18.66	18.73	18.80	19.2



<LTE Band 66_Ant 0_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.01	23.87	24.02	25
20	QPSK	1	49	23.91	23.78	23.92	
20	QPSK	1	99	24.00	23.81	23.93	
20	QPSK	50	0	22.96	22.95	22.97	24
20	QPSK	50	24	22.93	22.92	22.94	
20	QPSK	50	50	22.94	22.84	22.94	
20	QPSK	100	0	22.97	22.89	22.99	
20	16QAM	1	0	23.18	23.04	23.12	24
20	16QAM	1	49	23.14	23.11	23.15	
20	16QAM	1	99	23.27	23.13	23.11	
20	16QAM	50	0	21.94	21.93	21.91	23
20	16QAM	50	24	21.97	21.79	21.95	
20	16QAM	50	50	21.98	21.78	21.87	
20	16QAM	100	0	21.99	21.91	21.92	
20	64QAM	1	0	22.27	22.04	22.10	23
20	64QAM	1	49	22.01	21.92	22.14	
20	64QAM	1	99	22.12	22.03	22.02	
20	64QAM	50	0	21.03	20.95	20.98	22
20	64QAM	50	24	21.02	20.91	20.92	
20	64QAM	50	50	21.02	20.92	20.95	
20	64QAM	100	0	21.04	20.96	20.93	
20	256QAM	1	0	18.97	18.96	19.03	20
20	256QAM	1	49	18.92	18.87	18.88	
20	256QAM	1	99	18.87	18.84	18.88	
20	256QAM	50	0	18.94	18.77	18.96	20
20	256QAM	50	24	18.81	18.80	18.89	
20	256QAM	50	50	18.80	18.81	19.00	
20	256QAM	100	0	18.97	18.77	18.95	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.76	24.00	25
15	QPSK	1	37	23.74	23.65	23.83	
15	QPSK	1	74	23.98	23.72	23.92	
15	QPSK	36	0	22.93	22.84	22.85	24
15	QPSK	36	20	22.78	22.73	22.76	
15	QPSK	36	39	22.88	22.80	22.77	
15	QPSK	75	0	22.96	22.69	22.96	
15	16QAM	1	0	23.13	23.04	22.99	24
15	16QAM	1	37	23.08	22.94	23.14	
15	16QAM	1	74	23.09	23.00	22.99	
15	16QAM	36	0	21.83	21.82	21.73	23
15	16QAM	36	20	21.93	21.78	21.94	
15	16QAM	36	39	21.83	21.72	21.83	
15	16QAM	75	0	21.94	21.82	21.86	
15	64QAM	1	0	22.22	21.97	22.10	23
15	64QAM	1	37	21.90	21.75	22.01	
15	64QAM	1	74	21.98	21.86	21.82	
15	64QAM	36	0	21.02	20.90	20.78	22
15	64QAM	36	20	20.97	20.73	20.78	
15	64QAM	36	39	20.97	20.78	20.83	
15	64QAM	75	0	20.91	20.84	20.87	
15	256QAM	1	0	18.85	18.81	18.87	20
15	256QAM	1	37	18.82	18.78	18.83	
15	256QAM	1	74	18.71	18.74	18.74	
15	256QAM	36	0	18.92	18.71	18.82	20
15	256QAM	36	20	18.81	18.68	18.70	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.67	18.82	Tune-up limit (dBm)
15	256QAM	75	0	18.77	18.66	18.87	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.69	23.85	25
10	QPSK	1	25	23.84	23.69	23.87	
10	QPSK	1	49	23.99	23.79	23.79	
10	QPSK	25	0	22.96	22.76	22.97	24
10	QPSK	25	12	22.77	22.73	22.94	
10	QPSK	25	25	22.75	22.73	22.84	
10	QPSK	50	0	22.96	22.82	22.99	
10	16QAM	1	0	23.08	22.98	23.12	24
10	16QAM	1	25	22.98	23.07	23.04	
10	16QAM	1	49	23.19	22.98	22.97	23
10	16QAM	25	0	21.80	21.91	21.72	
10	16QAM	25	12	21.93	21.61	21.93	
10	16QAM	25	25	21.88	21.75	21.82	
10	16QAM	50	0	21.90	21.91	21.83	23
10	64QAM	1	0	22.22	21.94	22.10	
10	64QAM	1	25	21.98	21.73	22.11	
10	64QAM	1	49	21.94	21.96	21.92	22
10	64QAM	25	0	21.03	20.81	20.87	
10	64QAM	25	12	20.93	20.80	20.75	
10	64QAM	25	25	20.92	20.89	20.82	
10	64QAM	50	0	21.03	20.96	20.80	20
10	256QAM	1	0	18.93	18.77	19.02	
10	256QAM	1	25	18.83	18.86	18.85	
10	256QAM	1	49	18.72	18.80	18.83	
10	256QAM	25	0	18.88	18.68	18.78	20
10	256QAM	25	12	18.68	18.74	18.78	
10	256QAM	25	25	18.80	18.62	18.87	
10	256QAM	50	0	18.77	18.66	18.86	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.85	23.84	23.98	25
5	QPSK	1	12	23.89	23.61	23.77	
5	QPSK	1	24	23.87	23.77	23.73	
5	QPSK	12	0	22.83	22.89	22.89	24
5	QPSK	12	7	22.76	22.73	22.92	
5	QPSK	12	13	22.82	22.70	22.74	
5	QPSK	25	0	22.79	22.83	22.99	
5	16QAM	1	0	23.04	22.86	23.09	24
5	16QAM	1	12	23.04	22.97	22.97	
5	16QAM	1	24	23.24	22.99	23.04	
5	16QAM	12	0	21.91	21.88	21.79	23
5	16QAM	12	7	21.97	21.60	21.84	
5	16QAM	12	13	21.80	21.73	21.80	
5	16QAM	25	0	21.97	21.83	21.81	
5	64QAM	1	0	22.27	21.91	22.07	23
5	64QAM	1	12	21.94	21.79	22.11	
5	64QAM	1	24	21.97	21.94	21.82	
5	64QAM	12	0	20.96	20.94	20.84	22
5	64QAM	12	7	20.94	20.74	20.72	
5	64QAM	12	13	21.01	20.91	20.80	
5	64QAM	25	0	20.95	20.80	20.73	
5	256QAM	1	0	18.81	18.82	18.89	20
5	256QAM	1	12	18.82	18.67	18.86	
5	256QAM	1	24	18.74	18.81	18.81	
5	256QAM	12	0	18.92	18.76	18.79	20
5	256QAM	12	7	18.78	18.65	18.82	
5	256QAM	12	13	18.64	18.76	18.98	
5	256QAM	25	0	18.86	18.75	18.86	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.85	23.82	23.86	25
3	QPSK	1	8	23.83	23.74	23.78	
3	QPSK	1	14	23.92	23.63	23.73	
3	QPSK	8	0	22.91	22.83	22.87	24
3	QPSK	8	4	22.91	22.92	22.79	
3	QPSK	8	7	22.80	22.65	22.78	
3	QPSK	15	0	22.96	22.77	22.95	
3	16QAM	1	0	23.15	23.01	23.05	24
3	16QAM	1	8	23.13	23.00	22.99	
3	16QAM	1	14	23.17	22.99	23.05	
3	16QAM	8	0	21.90	21.87	21.76	23
3	16QAM	8	4	21.80	21.78	21.78	
3	16QAM	8	7	21.89	21.64	21.74	
3	16QAM	15	0	21.82	21.71	21.73	
3	64QAM	1	0	22.26	22.02	21.93	23
3	64QAM	1	8	21.86	21.86	22.03	
3	64QAM	1	14	21.92	22.02	21.88	
3	64QAM	8	0	20.90	20.79	20.98	22
3	64QAM	8	4	21.01	20.73	20.85	
3	64QAM	8	7	20.93	20.73	20.90	
3	64QAM	15	0	21.02	20.80	20.75	
3	256QAM	1	0	18.86	18.95	18.92	20
3	256QAM	1	8	18.87	18.82	18.77	
3	256QAM	1	14	18.74	18.67	18.81	
3	256QAM	8	0	18.78	18.58	18.89	20
3	256QAM	8	4	18.77	18.63	18.72	
3	256QAM	8	7	18.79	18.80	18.91	
3	256QAM	15	0	18.84	18.75	18.87	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.93	23.73	23.84	25
1.4	QPSK	1	3	23.75	23.68	23.82	
1.4	QPSK	1	5	23.98	23.80	23.85	
1.4	QPSK	3	0	23.90	23.67	24.00	
1.4	QPSK	3	1	23.89	23.71	23.89	
1.4	QPSK	3	3	23.95	23.81	23.73	
1.4	QPSK	6	0	22.76	22.80	22.91	24
1.4	16QAM	1	0	22.90	22.85	22.86	24
1.4	16QAM	1	3	22.85	22.69	22.82	
1.4	16QAM	1	5	22.86	22.78	22.88	
1.4	16QAM	3	0	23.01	22.94	22.94	
1.4	16QAM	3	1	23.08	22.91	23.09	
1.4	16QAM	3	3	23.07	23.06	22.96	23
1.4	16QAM	6	0	21.88	21.81	21.81	
1.4	64QAM	1	0	21.95	21.72	21.77	23
1.4	64QAM	1	3	21.98	21.64	21.73	
1.4	64QAM	1	5	21.99	21.87	21.88	
1.4	64QAM	3	0	22.19	21.87	21.96	
1.4	64QAM	3	1	21.84	21.72	22.04	
1.4	64QAM	3	3	22.06	21.95	21.95	22
1.4	64QAM	6	0	21.03	20.78	20.91	
1.4	256QAM	1	0	18.91	18.89	18.84	20
1.4	256QAM	1	3	18.76	18.78	18.88	
1.4	256QAM	1	5	18.79	18.75	18.79	
1.4	256QAM	3	0	18.86	18.69	18.96	
1.4	256QAM	3	1	18.72	18.60	18.86	
1.4	256QAM	3	3	18.79	18.65	18.96	20
1.4	256QAM	6	0	18.87	18.72	18.89	



<LTE Band 66_Ant 5_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.90	23.78	23.91	25
20	QPSK	1	49	23.81	23.67	23.73	
20	QPSK	1	99	23.71	23.77	23.67	
20	QPSK	50	0	22.84	22.76	22.85	24
20	QPSK	50	24	22.73	22.72	22.81	
20	QPSK	50	50	22.75	22.74	22.73	
20	QPSK	100	0	22.74	22.73	22.76	24
20	16QAM	1	0	23.06	23.05	23.03	
20	16QAM	1	49	22.97	23.15	23.13	
20	16QAM	1	99	22.84	22.99	22.88	23
20	16QAM	50	0	21.74	21.78	21.75	
20	16QAM	50	24	21.67	21.76	21.80	
20	16QAM	50	50	21.73	21.71	21.75	23
20	16QAM	100	0	21.80	21.73	21.71	
20	64QAM	1	0	22.02	21.84	21.93	
20	64QAM	1	49	21.82	21.74	21.90	22
20	64QAM	1	99	21.93	21.80	21.98	
20	64QAM	50	0	20.83	20.83	20.82	
20	64QAM	50	24	20.75	20.74	20.81	20
20	64QAM	50	50	20.83	20.80	20.81	
20	64QAM	100	0	20.84	20.84	20.75	
20	256QAM	1	0	18.94	18.86	18.93	20
20	256QAM	1	49	18.75	18.70	18.81	
20	256QAM	1	99	18.87	18.74	18.90	
20	256QAM	50	0	18.92	18.75	18.85	20
20	256QAM	50	24	18.78	18.83	18.92	
20	256QAM	50	50	18.84	18.72	18.84	
20	256QAM	100	0	18.81	18.84	18.80	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.75	23.75	23.75	25
15	QPSK	1	37	23.71	23.55	23.55	
15	QPSK	1	74	23.70	23.65	23.58	
15	QPSK	36	0	22.82	22.62	22.85	24
15	QPSK	36	20	22.58	22.64	22.71	
15	QPSK	36	39	22.73	22.59	22.55	
15	QPSK	75	0	22.72	22.69	22.57	24
15	16QAM	1	0	22.89	22.91	22.85	
15	16QAM	1	37	22.86	23.07	22.96	
15	16QAM	1	74	22.70	22.80	22.84	23
15	16QAM	36	0	21.70	21.74	21.62	
15	16QAM	36	20	21.48	21.60	21.76	
15	16QAM	36	39	21.58	21.63	21.73	23
15	16QAM	75	0	21.72	21.71	21.68	
15	64QAM	1	0	22.02	21.64	21.79	
15	64QAM	1	37	21.82	21.74	21.72	22
15	64QAM	1	74	21.83	21.60	21.96	
15	64QAM	36	0	20.78	20.72	20.66	
15	64QAM	36	20	20.70	20.60	20.64	20
15	64QAM	36	39	20.70	20.64	20.71	
15	64QAM	75	0	20.70	20.70	20.65	
15	256QAM	1	0	18.91	18.86	18.76	20
15	256QAM	1	37	18.55	18.67	18.64	
15	256QAM	1	74	18.86	18.66	18.79	
15	256QAM	36	0	18.81	18.58	18.75	20
15	256QAM	36	20	18.73	18.78	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.68	18.58	18.81	Tune-up limit (dBm)
15	256QAM	75	0	18.64	18.76	18.62	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.84	23.70	23.81	25
10	QPSK	1	25	23.71	23.47	23.65	
10	QPSK	1	49	23.62	23.76	23.56	
10	QPSK	25	0	22.80	22.66	22.73	24
10	QPSK	25	12	22.55	22.63	22.61	
10	QPSK	25	25	22.55	22.60	22.56	
10	QPSK	50	0	22.54	22.53	22.57	
10	16QAM	1	0	22.96	23.00	22.99	24
10	16QAM	1	25	22.83	22.97	22.96	
10	16QAM	1	49	22.71	22.86	22.79	23
10	16QAM	25	0	21.73	21.67	21.71	
10	16QAM	25	12	21.48	21.59	21.61	
10	16QAM	25	25	21.71	21.56	21.58	
10	16QAM	50	0	21.68	21.65	21.57	23
10	64QAM	1	0	21.90	21.71	21.87	
10	64QAM	1	25	21.67	21.66	21.84	
10	64QAM	1	49	21.75	21.75	21.80	22
10	64QAM	25	0	20.82	20.65	20.69	
10	64QAM	25	12	20.70	20.59	20.67	
10	64QAM	25	25	20.73	20.64	20.69	
10	64QAM	50	0	20.76	20.64	20.75	20
10	256QAM	1	0	18.90	18.82	18.73	
10	256QAM	1	25	18.74	18.59	18.77	
10	256QAM	1	49	18.67	18.73	18.78	
10	256QAM	25	0	18.92	18.71	18.85	20
10	256QAM	25	12	18.76	18.73	18.81	
10	256QAM	25	25	18.79	18.68	18.72	
10	256QAM	50	0	18.68	18.75	18.77	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.72	23.77	23.79	25
5	QPSK	1	12	23.69	23.72	23.69	
5	QPSK	1	24	23.68	23.71	23.77	
5	QPSK	12	0	22.80	22.69	22.75	24
5	QPSK	12	7	22.77	22.72	22.70	
5	QPSK	12	13	22.72	22.78	22.75	
5	QPSK	25	0	22.76	22.73	22.67	
5	16QAM	1	0	22.94	22.90	22.88	24
5	16QAM	1	12	23.09	22.96	23.17	
5	16QAM	1	24	22.89	23.13	22.85	
5	16QAM	12	0	21.61	21.69	21.70	23
5	16QAM	12	7	21.68	21.66	21.71	
5	16QAM	12	13	21.67	21.65	21.71	
5	16QAM	25	0	21.69	21.75	21.72	
5	64QAM	1	0	21.82	22.00	21.92	23
5	64QAM	1	12	21.98	22.11	21.90	
5	64QAM	1	24	21.84	22.00	21.84	
5	64QAM	12	0	20.80	20.88	20.81	22
5	64QAM	12	7	20.85	20.72	20.76	
5	64QAM	12	13	20.89	20.77	20.83	
5	64QAM	25	0	20.85	20.78	20.74	
5	256QAM	1	0	18.79	18.68	18.76	20
5	256QAM	1	12	18.68	18.54	18.74	
5	256QAM	1	24	18.80	18.70	18.76	
5	256QAM	12	0	18.87	18.67	18.67	20
5	256QAM	12	7	18.76	18.79	18.76	
5	256QAM	12	13	18.79	18.63	18.78	
5	256QAM	25	0	18.81	18.81	18.65	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.80	23.87	23.77	25
3	QPSK	1	8	23.75	23.69	23.66	
3	QPSK	1	14	23.68	23.82	23.78	
3	QPSK	8	0	22.73	22.75	22.70	24
3	QPSK	8	4	22.67	22.78	22.73	
3	QPSK	8	7	22.76	22.81	22.71	
3	QPSK	15	0	22.79	22.79	22.72	
3	16QAM	1	0	23.00	23.02	23.03	24
3	16QAM	1	8	22.95	23.04	23.18	
3	16QAM	1	14	23.02	23.11	22.92	
3	16QAM	8	0	21.82	21.74	21.74	23
3	16QAM	8	4	21.75	21.73	21.74	
3	16QAM	8	7	21.69	21.70	21.75	
3	16QAM	15	0	21.77	21.63	21.79	
3	64QAM	1	0	21.80	21.78	21.99	23
3	64QAM	1	8	21.70	21.72	21.78	
3	64QAM	1	14	21.87	21.75	21.87	
3	64QAM	8	0	20.80	20.78	20.81	22
3	64QAM	8	4	20.80	20.76	20.76	
3	64QAM	8	7	20.83	20.80	20.81	
3	64QAM	15	0	20.78	20.70	20.76	
3	256QAM	1	0	18.91	18.82	18.84	20
3	256QAM	1	8	18.71	18.67	18.74	
3	256QAM	1	14	18.73	18.71	18.80	
3	256QAM	8	0	18.75	18.58	18.82	20
3	256QAM	8	4	18.59	18.81	18.92	
3	256QAM	8	7	18.65	18.59	18.73	
3	256QAM	15	0	18.80	18.83	18.65	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.89	23.81	23.79	25
1.4	QPSK	1	3	23.68	23.65	23.70	
1.4	QPSK	1	5	23.74	23.73	23.61	
1.4	QPSK	3	0	23.75	23.69	23.61	
1.4	QPSK	3	1	23.81	23.61	23.64	
1.4	QPSK	3	3	23.65	23.66	23.67	
1.4	QPSK	6	0	22.70	22.64	22.74	24
1.4	16QAM	1	0	22.97	23.03	22.89	24
1.4	16QAM	1	3	22.95	22.87	22.69	
1.4	16QAM	1	5	22.97	22.99	22.95	
1.4	16QAM	3	0	22.68	22.63	22.63	
1.4	16QAM	3	1	22.62	22.62	22.65	
1.4	16QAM	3	3	22.54	22.60	22.54	
1.4	16QAM	6	0	21.82	21.78	21.69	23
1.4	64QAM	1	0	22.04	21.88	21.96	23
1.4	64QAM	1	3	21.95	21.76	21.86	
1.4	64QAM	1	5	21.88	21.90	21.76	
1.4	64QAM	3	0	21.79	21.80	21.79	
1.4	64QAM	3	1	21.83	21.68	21.68	
1.4	64QAM	3	3	21.83	21.95	21.80	
1.4	64QAM	6	0	20.84	20.64	20.74	22
1.4	256QAM	1	0	18.79	18.82	18.79	20
1.4	256QAM	1	3	18.66	18.53	18.62	
1.4	256QAM	1	5	18.73	18.61	18.72	
1.4	256QAM	3	0	18.75	18.73	18.74	
1.4	256QAM	3	1	18.70	18.69	18.72	
1.4	256QAM	3	3	18.68	18.60	18.66	
1.4	256QAM	6	0	18.62	18.69	18.62	20



<LTE Band 66_Ant 2_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.56	18.57	18.54	
20	QPSK	1	49	18.27	18.24	18.31	18.9
20	QPSK	1	99	18.39	18.45	18.45	
20	QPSK	50	0	18.55	18.56	18.51	
20	QPSK	50	24	18.44	18.39	18.50	18.9
20	QPSK	50	50	18.42	18.34	18.40	
20	QPSK	100	0	18.49	18.50	18.48	
20	16QAM	1	0	18.39	18.32	18.42	18.9
20	16QAM	1	49	18.37	18.38	18.53	
20	16QAM	1	99	18.23	18.23	18.21	
20	16QAM	50	0	18.46	18.40	18.52	18.9
20	16QAM	50	24	18.42	18.41	18.51	
20	16QAM	50	50	18.44	18.44	18.49	
20	16QAM	100	0	18.54	18.42	18.49	18.9
20	64QAM	1	0	18.52	18.26	18.35	
20	64QAM	1	49	18.50	18.35	18.20	
20	64QAM	1	99	18.30	18.04	18.14	18.9
20	64QAM	50	0	18.48	18.43	18.54	
20	64QAM	50	24	18.50	18.45	18.55	
20	64QAM	50	50	18.47	18.50	18.44	18.9
20	64QAM	100	0	18.53	18.47	18.52	
20	256QAM	1	0	18.51	18.46	18.39	
20	256QAM	1	49	18.49	18.51	18.41	18.9
20	256QAM	1	99	18.40	18.43	18.52	
20	256QAM	50	0	18.52	18.44	18.54	
20	256QAM	50	24	18.38	18.56	18.35	18.9
20	256QAM	50	50	18.39	18.51	18.45	
20	256QAM	100	0	18.52	18.38	18.47	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.42	18.54	18.40	
15	QPSK	1	37	18.09	18.06	18.29	18.9
15	QPSK	1	74	18.31	18.45	18.43	
15	QPSK	36	0	18.40	18.56	18.35	
15	QPSK	36	20	18.40	18.22	18.46	18.9
15	QPSK	36	39	18.37	18.24	18.27	
15	QPSK	75	0	18.30	18.33	18.48	
15	16QAM	1	0	18.30	18.26	18.41	18.9
15	16QAM	1	37	18.17	18.33	18.52	
15	16QAM	1	74	18.19	18.19	18.11	
15	16QAM	36	0	18.39	18.23	18.39	18.9
15	16QAM	36	20	18.27	18.28	18.34	
15	16QAM	36	39	18.24	18.34	18.46	
15	16QAM	75	0	18.39	18.39	18.45	18.9
15	64QAM	1	0	18.36	18.12	18.32	
15	64QAM	1	37	18.48	18.22	18.15	
15	64QAM	1	74	18.20	17.87	17.96	18.9
15	64QAM	36	0	18.31	18.25	18.36	
15	64QAM	36	20	18.42	18.25	18.42	
15	64QAM	36	39	18.31	18.30	18.42	18.9
15	64QAM	75	0	18.33	18.34	18.32	
15	256QAM	1	0	18.31	18.43	18.28	
15	256QAM	1	37	18.44	18.37	18.38	18.9
15	256QAM	1	74	18.40	18.40	18.47	
15	256QAM	36	0	18.47	18.43	18.38	
15	256QAM	36	20	18.20	18.38	18.19	18.9



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.19	18.35	18.37	Tune-up limit (dBm)
15	256QAM	75	0	18.52	18.38	18.43	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.44	18.52	18.46	18.9
10	QPSK	1	25	18.10	18.09	18.24	
10	QPSK	1	49	18.37	18.31	18.35	
10	QPSK	25	0	18.40	18.54	18.51	18.9
10	QPSK	25	12	18.31	18.24	18.36	
10	QPSK	25	25	18.24	18.24	18.34	
10	QPSK	50	0	18.45	18.39	18.43	
10	16QAM	1	0	18.21	18.30	18.34	18.9
10	16QAM	1	25	18.21	18.32	18.39	
10	16QAM	1	49	18.15	18.17	18.10	
10	16QAM	25	0	18.39	18.39	18.44	18.9
10	16QAM	25	12	18.22	18.23	18.47	
10	16QAM	25	25	18.27	18.40	18.42	
10	16QAM	50	0	18.47	18.28	18.48	
10	64QAM	1	0	18.41	18.23	18.26	18.9
10	64QAM	1	25	18.46	18.32	18.18	
10	64QAM	1	49	18.30	18.04	18.08	
10	64QAM	25	0	18.31	18.33	18.41	18.9
10	64QAM	25	12	18.50	18.25	18.40	
10	64QAM	25	25	18.46	18.31	18.34	
10	64QAM	50	0	18.36	18.44	18.35	
10	256QAM	1	0	18.37	18.43	18.22	18.9
10	256QAM	1	25	18.40	18.39	18.26	
10	256QAM	1	49	18.34	18.23	18.32	
10	256QAM	25	0	18.46	18.30	18.49	18.9
10	256QAM	25	12	18.32	18.43	18.18	
10	256QAM	25	25	18.34	18.51	18.29	
10	256QAM	50	0	18.44	18.32	18.44	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.56	18.57	18.40	18.9
5	QPSK	1	12	18.20	18.13	18.27	
5	QPSK	1	24	18.31	18.40	18.45	
5	QPSK	12	0	18.36	18.37	18.42	18.9
5	QPSK	12	7	18.43	18.37	18.39	
5	QPSK	12	13	18.32	18.14	18.20	
5	QPSK	25	0	18.29	18.43	18.32	
5	16QAM	1	0	18.31	18.18	18.29	18.9
5	16QAM	1	12	18.24	18.21	18.51	
5	16QAM	1	24	18.15	18.06	18.13	
5	16QAM	12	0	18.32	18.29	18.41	18.9
5	16QAM	12	7	18.33	18.41	18.35	
5	16QAM	12	13	18.41	18.26	18.42	
5	16QAM	25	0	18.54	18.24	18.30	
5	64QAM	1	0	18.44	18.12	18.15	18.9
5	64QAM	1	12	18.44	18.19	18.13	
5	64QAM	1	24	18.10	17.94	18.02	
5	64QAM	12	0	18.37	18.40	18.51	18.9
5	64QAM	12	7	18.30	18.28	18.38	
5	64QAM	12	13	18.45	18.38	18.31	
5	64QAM	25	0	18.33	18.32	18.46	
5	256QAM	1	0	18.39	18.46	18.22	18.9
5	256QAM	1	12	18.41	18.32	18.27	
5	256QAM	1	24	18.29	18.35	18.39	
5	256QAM	12	0	18.33	18.33	18.37	18.9
5	256QAM	12	7	18.24	18.41	18.20	
5	256QAM	12	13	18.27	18.42	18.30	
5	256QAM	25	0	18.35	18.23	18.46	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.51	18.38	18.51	18.9
3	QPSK	1	8	18.27	18.23	18.14	
3	QPSK	1	14	18.23	18.27	18.41	
3	QPSK	8	0	18.49	18.43	18.41	18.9
3	QPSK	8	4	18.32	18.20	18.49	
3	QPSK	8	7	18.37	18.19	18.31	
3	QPSK	15	0	18.49	18.34	18.39	
3	16QAM	1	0	18.31	18.31	18.33	18.9
3	16QAM	1	8	18.19	18.21	18.38	
3	16QAM	1	14	18.21	18.08	18.11	
3	16QAM	8	0	18.41	18.21	18.41	18.9
3	16QAM	8	4	18.41	18.21	18.47	
3	16QAM	8	7	18.35	18.24	18.34	
3	16QAM	15	0	18.51	18.32	18.32	
3	64QAM	1	0	18.44	18.26	18.23	18.9
3	64QAM	1	8	18.39	18.15	18.13	
3	64QAM	1	14	18.19	17.93	17.95	
3	64QAM	8	0	18.38	18.43	18.39	18.9
3	64QAM	8	4	18.33	18.44	18.42	
3	64QAM	8	7	18.45	18.42	18.31	
3	64QAM	15	0	18.37	18.38	18.40	
3	256QAM	1	0	18.43	18.44	18.28	18.9
3	256QAM	1	8	18.46	18.47	18.33	
3	256QAM	1	14	18.26	18.26	18.33	
3	256QAM	8	0	18.37	18.31	18.54	18.9
3	256QAM	8	4	18.37	18.40	18.32	
3	256QAM	8	7	18.26	18.45	18.43	
3	256QAM	15	0	18.44	18.34	18.30	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.47	18.42	18.47	18.9
1.4	QPSK	1	3	18.18	18.18	18.23	
1.4	QPSK	1	5	18.28	18.26	18.40	
1.4	QPSK	3	0	18.44	18.53	18.38	
1.4	QPSK	3	1	18.33	18.32	18.35	
1.4	QPSK	3	3	18.42	18.32	18.39	
1.4	QPSK	6	0	18.38	18.38	18.45	18.9
1.4	16QAM	1	0	18.23	18.21	18.22	18.9
1.4	16QAM	1	3	18.32	18.19	18.33	
1.4	16QAM	1	5	18.11	18.07	18.19	
1.4	16QAM	3	0	18.27	18.29	18.37	
1.4	16QAM	3	1	18.32	18.25	18.44	
1.4	16QAM	3	3	18.42	18.34	18.31	
1.4	16QAM	6	0	18.54	18.40	18.43	18.9
1.4	64QAM	1	0	18.40	18.18	18.32	18.9
1.4	64QAM	1	3	18.49	18.31	18.08	
1.4	64QAM	1	5	18.30	18.02	18.09	
1.4	64QAM	3	0	18.28	18.30	18.42	
1.4	64QAM	3	1	18.38	18.45	18.40	
1.4	64QAM	3	3	18.38	18.44	18.29	
1.4	64QAM	6	0	18.48	18.46	18.39	18.9
1.4	256QAM	1	0	18.34	18.34	18.36	18.9
1.4	256QAM	1	3	18.36	18.48	18.38	
1.4	256QAM	1	5	18.34	18.35	18.36	
1.4	256QAM	3	0	18.33	18.34	18.36	
1.4	256QAM	3	1	18.33	18.54	18.16	
1.4	256QAM	3	3	18.21	18.37	18.26	
1.4	256QAM	6	0	18.34	18.38	18.37	18.9



<LTE Band 66_Ant 1_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	24.6
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	
20	QPSK	1	49	23.73	23.66	23.68	24
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	
20	QPSK	50	24	22.96	22.89	22.86	24
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	
20	16QAM	1	0	23.22	23.03	23.12	23
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	
20	16QAM	50	0	21.85	21.83	21.82	23
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	
20	16QAM	100	0	21.84	21.79	21.81	23
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	
20	64QAM	1	99	21.89	21.86	21.90	22
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	
20	64QAM	50	50	20.92	20.85	20.80	20
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	
20	256QAM	1	49	18.58	18.60	18.54	20
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	20
20	256QAM	50	24	18.84	18.84	18.83	
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	24.6
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	24
15	QPSK	1	37	23.64	23.52	23.49	
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	24
15	QPSK	36	20	22.92	22.89	22.83	
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	24
15	16QAM	1	0	23.02	22.86	23.06	
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	23
15	16QAM	36	0	21.83	21.67	21.63	
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	23
15	16QAM	75	0	21.77	21.77	21.66	
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	22
15	64QAM	1	74	21.79	21.85	21.71	
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	20
15	64QAM	36	39	20.73	20.70	20.79	
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	20
15	256QAM	1	37	18.39	18.48	18.34	
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	20
15	256QAM	36	20	18.73	18.65	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	24.6
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	20
10	256QAM	25	0	18.71	18.76	18.65	
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	Tune-up limit (dBm)
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)
5	QPSK	1	0	23.89	23.78	23.84	
5	QPSK	1	12	23.71	23.60	23.60	24.6
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	24.6
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	
3	16QAM	1	0	23.20	22.86	22.95	24
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	
3	16QAM	8	0	21.81	21.76	21.63	23
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	23
3	64QAM	1	8	21.73	21.78	21.66	
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	22
3	64QAM	8	4	20.83	20.77	20.76	
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.92	23.82	23.83	24.6
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	
1.4	QPSK	3	0	23.95	23.86	23.82	
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	
1.4	QPSK	6	0	22.95	22.73	22.79	24
1.4	16QAM	1	0	22.83	22.85	22.83	24
1.4	16QAM	1	3	22.88	22.71	22.64	
1.4	16QAM	1	5	22.90	22.68	22.69	
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	
1.4	16QAM	3	3	23.05	22.95	22.82	
1.4	16QAM	6	0	21.78	21.77	21.70	23
1.4	64QAM	1	0	21.69	21.78	21.63	23
1.4	64QAM	1	3	21.81	21.75	21.73	
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	
1.4	64QAM	3	1	21.67	21.81	21.73	
1.4	64QAM	3	3	21.87	21.84	21.88	
1.4	64QAM	6	0	20.77	20.71	20.68	22
1.4	256QAM	1	0	19.02	18.93	18.86	20
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	
1.4	256QAM	3	0	18.73	18.71	18.61	
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	
1.4	256QAM	6	0	18.63	18.74	18.81	20



<LTE Band 66_Ant 0_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.99	18.88	19.01	19.2
20	QPSK	1	49	18.95	18.86	18.78	
20	QPSK	1	99	18.96	18.87	18.93	
20	QPSK	50	0	18.94	18.97	19.00	19.2
20	QPSK	50	24	18.94	18.85	18.93	
20	QPSK	50	50	18.92	18.92	18.96	
20	QPSK	100	0	18.88	18.91	18.94	
20	16QAM	1	0	18.86	18.89	18.98	19.2
20	16QAM	1	49	18.88	18.88	18.85	
20	16QAM	1	99	18.90	18.90	18.80	
20	16QAM	50	0	18.82	18.93	18.92	19.2
20	16QAM	50	24	18.88	18.87	18.96	
20	16QAM	50	50	18.87	18.85	18.88	
20	16QAM	100	0	18.93	18.83	18.90	
20	64QAM	1	0	18.91	18.95	18.99	19.2
20	64QAM	1	49	18.89	18.84	18.91	
20	64QAM	1	99	18.94	18.85	18.83	
20	64QAM	50	0	18.96	18.93	18.92	19.2
20	64QAM	50	24	18.95	18.96	18.93	
20	64QAM	50	50	18.98	18.81	18.90	
20	64QAM	100	0	18.87	18.94	19.00	
20	256QAM	1	0	18.84	18.85	18.93	19.2
20	256QAM	1	49	18.86	18.92	18.80	
20	256QAM	1	99	18.74	18.83	18.93	
20	256QAM	50	0	18.87	18.88	18.90	19.2
20	256QAM	50	24	18.71	18.82	18.92	
20	256QAM	50	50	18.75	18.79	19.00	
20	256QAM	100	0	18.74	18.76	18.87	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.98	18.72	19.00	19.2
15	QPSK	1	37	18.79	18.82	18.69	
15	QPSK	1	74	18.89	18.72	18.93	
15	QPSK	36	0	18.91	18.91	18.88	19.2
15	QPSK	36	20	18.93	18.67	18.87	
15	QPSK	36	39	18.90	18.75	18.82	
15	QPSK	75	0	18.72	18.79	18.94	
15	16QAM	1	0	18.78	18.74	18.91	19.2
15	16QAM	1	37	18.84	18.71	18.80	
15	16QAM	1	74	18.87	18.90	18.68	
15	16QAM	36	0	18.76	18.85	18.89	19.2
15	16QAM	36	20	18.71	18.77	18.83	
15	16QAM	36	39	18.78	18.68	18.73	
15	16QAM	75	0	18.87	18.82	18.86	
15	64QAM	1	0	18.82	18.95	18.86	19.2
15	64QAM	1	37	18.82	18.83	18.84	
15	64QAM	1	74	18.76	18.65	18.65	
15	64QAM	36	0	18.83	18.87	18.88	19.2
15	64QAM	36	20	18.89	18.78	18.91	
15	64QAM	36	39	18.90	18.75	18.82	
15	64QAM	75	0	18.72	18.80	18.83	
15	256QAM	1	0	18.78	18.66	18.91	19.2
15	256QAM	1	37	18.70	18.86	18.79	
15	256QAM	1	74	18.74	18.66	18.86	
15	256QAM	36	0	18.70	18.78	18.78	19.2
15	256QAM	36	20	18.64	18.79	18.87	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.65	18.67	18.92	Tune-up limit (dBm)
15	256QAM	75	0	18.66	18.56	18.67	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.92	18.72	18.89	19.2
10	QPSK	1	25	18.81	18.73	18.66	
10	QPSK	1	49	18.93	18.71	18.80	
10	QPSK	25	0	18.86	18.79	18.98	19.2
10	QPSK	25	12	18.86	18.78	18.81	
10	QPSK	25	25	18.72	18.89	18.95	
10	QPSK	50	0	18.84	18.80	18.93	
10	16QAM	1	0	18.79	18.86	18.80	19.2
10	16QAM	1	25	18.70	18.80	18.70	
10	16QAM	1	49	18.83	18.74	18.77	
10	16QAM	25	0	18.63	18.92	18.74	19.2
10	16QAM	25	12	18.68	18.70	18.79	
10	16QAM	25	25	18.76	18.65	18.71	
10	16QAM	50	0	18.92	18.70	18.85	
10	64QAM	1	0	18.78	18.77	18.87	19.2
10	64QAM	1	25	18.85	18.81	18.74	
10	64QAM	1	49	18.74	18.68	18.81	
10	64QAM	25	0	18.95	18.73	18.74	19.2
10	64QAM	25	12	18.78	18.77	18.85	
10	64QAM	25	25	18.89	18.72	18.85	
10	64QAM	50	0	18.77	18.89	18.95	
10	256QAM	1	0	18.76	18.75	18.79	19.2
10	256QAM	1	25	18.72	18.86	18.62	
10	256QAM	1	49	18.64	18.72	18.89	
10	256QAM	25	0	18.80	18.88	18.73	19.2
10	256QAM	25	12	18.64	18.66	18.86	
10	256QAM	25	25	18.66	18.66	18.86	
10	256QAM	50	0	18.69	18.61	18.87	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.95	18.70	18.87	19.2
5	QPSK	1	12	18.78	18.72	18.63	
5	QPSK	1	24	18.89	18.87	18.89	
5	QPSK	12	0	18.75	18.95	19.00	19.2
5	QPSK	12	7	18.81	18.66	18.79	
5	QPSK	12	13	18.90	18.74	18.89	
5	QPSK	25	0	18.77	18.83	18.81	
5	16QAM	1	0	18.70	18.76	18.92	19.2
5	16QAM	1	12	18.87	18.81	18.65	
5	16QAM	1	24	18.79	18.70	18.71	
5	16QAM	12	0	18.81	18.76	18.79	19.2
5	16QAM	12	7	18.88	18.83	18.83	
5	16QAM	12	13	18.78	18.75	18.78	
5	16QAM	25	0	18.80	18.79	18.89	
5	64QAM	1	0	18.91	18.81	18.97	19.2
5	64QAM	1	12	18.69	18.83	18.88	
5	64QAM	1	24	18.88	18.77	18.78	
5	64QAM	12	0	18.94	18.74	18.89	19.2
5	64QAM	12	7	18.87	18.78	18.90	
5	64QAM	12	13	18.97	18.68	18.86	
5	64QAM	25	0	18.72	18.91	18.90	
5	256QAM	1	0	18.65	18.68	18.85	19.2
5	256QAM	1	12	18.85	18.83	18.66	
5	256QAM	1	24	18.70	18.77	18.88	
5	256QAM	12	0	18.87	18.86	18.74	19.2
5	256QAM	12	7	18.69	18.82	18.86	
5	256QAM	12	13	18.56	18.71	18.90	
5	256QAM	25	0	18.63	18.68	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.95	18.76	18.88	19.2
3	QPSK	1	8	18.75	18.69	18.63	
3	QPSK	1	14	18.96	18.69	18.81	
3	QPSK	8	0	18.79	18.96	18.86	19.2
3	QPSK	8	4	18.89	18.85	18.81	
3	QPSK	8	7	18.92	18.90	18.78	
3	QPSK	15	0	18.70	18.86	18.76	
3	16QAM	1	0	18.82	18.88	18.81	19.2
3	16QAM	1	8	18.87	18.84	18.79	
3	16QAM	1	14	18.74	18.87	18.76	
3	16QAM	8	0	18.70	18.73	18.86	19.2
3	16QAM	8	4	18.75	18.81	18.91	
3	16QAM	8	7	18.77	18.75	18.68	
3	16QAM	15	0	18.77	18.69	18.83	
3	64QAM	1	0	18.79	18.95	18.98	19.2
3	64QAM	1	8	18.75	18.71	18.76	
3	64QAM	1	14	18.82	18.68	18.83	
3	64QAM	8	0	18.90	18.83	18.82	19.2
3	64QAM	8	4	18.82	18.96	18.84	
3	64QAM	8	7	18.88	18.65	18.89	
3	64QAM	15	0	18.67	18.86	18.92	
3	256QAM	1	0	18.78	18.76	18.86	19.2
3	256QAM	1	8	18.67	18.73	18.72	
3	256QAM	1	14	18.66	18.67	18.85	
3	256QAM	8	0	18.82	18.72	18.80	19.2
3	256QAM	8	4	18.66	18.63	18.78	
3	256QAM	8	7	18.60	18.59	18.90	
3	256QAM	15	0	18.73	18.57	18.76	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.93	18.73	18.86	19.2
1.4	QPSK	1	3	18.88	18.86	18.62	
1.4	QPSK	1	5	18.95	18.81	18.82	
1.4	QPSK	3	0	18.89	18.95	18.80	
1.4	QPSK	3	1	18.79	18.83	18.78	
1.4	QPSK	3	3	18.85	18.80	18.84	
1.4	QPSK	6	0	18.82	18.85	18.88	19.2
1.4	16QAM	1	0	18.85	18.88	18.91	19.2
1.4	16QAM	1	3	18.78	18.86	18.74	
1.4	16QAM	1	5	18.87	18.90	18.63	
1.4	16QAM	3	0	18.73	18.87	18.84	
1.4	16QAM	3	1	18.81	18.71	18.84	
1.4	16QAM	3	3	18.78	18.73	18.79	19.2
1.4	16QAM	6	0	18.76	18.72	18.77	
1.4	64QAM	1	0	18.83	18.92	18.89	19.2
1.4	64QAM	1	3	18.79	18.84	18.82	
1.4	64QAM	1	5	18.94	18.79	18.83	
1.4	64QAM	3	0	18.89	18.86	18.73	
1.4	64QAM	3	1	18.82	18.79	18.88	
1.4	64QAM	3	3	18.92	18.66	18.87	19.2
1.4	64QAM	6	0	18.72	18.89	18.97	
1.4	256QAM	1	0	18.80	18.85	18.76	19.2
1.4	256QAM	1	3	18.68	18.78	18.70	
1.4	256QAM	1	5	18.58	18.79	18.91	
1.4	256QAM	3	0	18.72	18.83	18.79	
1.4	256QAM	3	1	18.70	18.75	18.83	
1.4	256QAM	3	3	18.69	18.61	18.86	19.2
1.4	256QAM	6	0	18.67	18.65	18.69	



<LTE Band 66_Ant 5_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.31	22.33	22.8
20	QPSK	1	49	22.27	22.11	22.10	
20	QPSK	1	99	22.14	22.24	22.22	
20	QPSK	50	0	22.29	22.25	22.29	22.8
20	QPSK	50	24	22.26	22.21	22.22	
20	QPSK	50	50	22.28	22.16	22.22	
20	QPSK	100	0	22.27	22.17	22.21	
20	16QAM	1	0	22.26	22.22	22.25	22.8
20	16QAM	1	49	22.33	22.28	22.29	
20	16QAM	1	99	22.20	22.19	22.22	
20	16QAM	50	0	21.75	21.64	21.71	22.8
20	16QAM	50	24	21.75	21.62	21.74	
20	16QAM	50	50	21.73	21.64	21.71	
20	16QAM	100	0	21.69	21.66	21.76	
20	64QAM	1	0	22.06	21.90	22.03	22.8
20	64QAM	1	49	21.77	21.75	21.75	
20	64QAM	1	99	21.96	21.84	21.97	
20	64QAM	50	0	20.82	20.76	20.79	22
20	64QAM	50	24	20.70	20.75	20.75	
20	64QAM	50	50	20.79	20.74	20.69	
20	64QAM	100	0	20.81	20.74	20.74	
20	256QAM	1	0	18.93	18.85	18.84	20
20	256QAM	1	49	18.79	18.71	18.65	
20	256QAM	1	99	18.77	18.63	18.68	
20	256QAM	50	0	18.81	18.71	18.63	20
20	256QAM	50	24	18.82	18.68	18.70	
20	256QAM	50	50	18.76	18.60	18.58	
20	256QAM	100	0	18.82	18.64	18.67	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.37	22.11	22.25	22.8
15	QPSK	1	37	22.10	22.05	22.10	
15	QPSK	1	74	22.11	22.20	22.20	
15	QPSK	36	0	22.26	22.19	22.11	22.8
15	QPSK	36	20	22.08	22.18	22.15	
15	QPSK	36	39	22.18	21.98	22.13	
15	QPSK	75	0	22.23	22.13	22.21	
15	16QAM	1	0	22.09	22.22	22.18	22.8
15	16QAM	1	37	22.27	22.26	22.26	
15	16QAM	1	74	22.14	22.17	22.15	
15	16QAM	36	0	21.62	21.59	21.63	22.8
15	16QAM	36	20	21.74	21.57	21.57	
15	16QAM	36	39	21.66	21.47	21.66	
15	16QAM	75	0	21.60	21.56	21.56	
15	64QAM	1	0	22.02	21.71	21.84	22.8
15	64QAM	1	37	21.64	21.62	21.63	
15	64QAM	1	74	21.89	21.77	21.97	
15	64QAM	36	0	20.69	20.75	20.79	22
15	64QAM	36	20	20.66	20.68	20.68	
15	64QAM	36	39	20.79	20.64	20.51	
15	64QAM	75	0	20.76	20.65	20.62	
15	256QAM	1	0	18.77	18.74	18.81	20
15	256QAM	1	37	18.65	18.70	18.48	
15	256QAM	1	74	18.74	18.43	18.60	
15	256QAM	36	0	18.74	18.53	18.46	20
15	256QAM	36	20	18.81	18.51	18.69	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.63	18.43	18.44	Tune-up limit (dBm)
15	256QAM	75	0	18.82	18.54	18.56	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.33	22.23	22.13	22.8
10	QPSK	1	25	22.26	22.11	22.06	
10	QPSK	1	49	22.12	22.19	22.19	
10	QPSK	25	0	22.10	22.07	22.29	22.8
10	QPSK	25	12	22.26	22.20	22.11	
10	QPSK	25	25	22.26	22.10	22.05	
10	QPSK	50	0	22.12	21.97	22.14	
10	16QAM	1	0	22.07	22.08	22.13	22.8
10	16QAM	1	25	22.22	22.17	22.09	
10	16QAM	1	49	22.00	22.18	22.19	
10	16QAM	25	0	21.63	21.53	21.59	22.8
10	16QAM	25	12	21.60	21.57	21.73	
10	16QAM	25	25	21.60	21.58	21.71	
10	16QAM	50	0	21.62	21.55	21.71	
10	64QAM	1	0	22.02	21.89	21.89	22.8
10	64QAM	1	25	21.71	21.75	21.73	
10	64QAM	1	49	21.88	21.75	21.89	
10	64QAM	25	0	20.82	20.57	20.61	22
10	64QAM	25	12	20.52	20.64	20.55	
10	64QAM	25	25	20.62	20.73	20.67	
10	64QAM	50	0	20.73	20.66	20.69	
10	256QAM	1	0	18.76	18.67	18.82	20
10	256QAM	1	25	18.64	18.62	18.60	
10	256QAM	1	49	18.74	18.58	18.65	
10	256QAM	25	0	18.71	18.64	18.46	20
10	256QAM	25	12	18.82	18.50	18.66	
10	256QAM	25	25	18.58	18.45	18.43	
10	256QAM	50	0	18.75	18.46	18.55	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.25	22.28	22.33	22.8
5	QPSK	1	12	22.27	22.17	22.27	
5	QPSK	1	24	22.28	22.22	22.28	
5	QPSK	12	0	22.33	22.20	22.30	22.8
5	QPSK	12	7	22.27	22.20	22.25	
5	QPSK	12	13	22.30	22.24	22.24	
5	QPSK	25	0	22.17	22.22	22.19	
5	16QAM	1	0	22.31	22.26	22.28	22.8
5	16QAM	1	12	22.29	22.25	22.22	
5	16QAM	1	24	22.22	22.27	22.24	
5	16QAM	12	0	21.69	21.74	21.67	22.8
5	16QAM	12	7	21.68	21.69	21.65	
5	16QAM	12	13	21.63	21.66	21.65	
5	16QAM	25	0	21.65	21.62	21.64	
5	64QAM	1	0	21.91	21.90	21.97	22.8
5	64QAM	1	12	21.76	21.94	22.00	
5	64QAM	1	24	21.93	21.77	21.89	
5	64QAM	12	0	20.73	20.79	20.81	22
5	64QAM	12	7	20.74	20.78	20.76	
5	64QAM	12	13	20.80	20.84	20.71	
5	64QAM	25	0	20.81	20.81	20.74	
5	256QAM	1	0	18.79	18.66	18.71	20
5	256QAM	1	12	18.72	18.61	18.61	
5	256QAM	1	24	18.59	18.60	18.61	
5	256QAM	12	0	18.62	18.51	18.58	20
5	256QAM	12	7	18.79	18.66	18.59	
5	256QAM	12	13	18.61	18.53	18.49	
5	256QAM	25	0	18.76	18.59	18.51	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.32	22.33	22.33	22.8
3	QPSK	1	8	22.10	22.24	22.28	
3	QPSK	1	14	22.15	22.28	22.29	
3	QPSK	8	0	22.26	22.21	22.29	22.8
3	QPSK	8	4	22.12	22.31	22.26	
3	QPSK	8	7	22.22	22.24	22.20	
3	QPSK	15	0	22.25	22.21	22.27	
3	16QAM	1	0	22.34	22.32	22.17	22.8
3	16QAM	1	8	21.90	22.13	21.95	
3	16QAM	1	14	22.11	22.09	22.30	
3	16QAM	8	0	21.71	21.70	21.80	22.8
3	16QAM	8	4	21.64	21.69	21.79	
3	16QAM	8	7	21.70	21.80	21.74	
3	16QAM	15	0	21.77	21.73	21.78	
3	64QAM	1	0	21.95	21.82	21.87	22.8
3	64QAM	1	8	21.80	21.96	21.86	
3	64QAM	1	14	21.70	21.84	21.87	
3	64QAM	8	0	20.79	20.76	20.77	22
3	64QAM	8	4	20.80	20.79	20.75	
3	64QAM	8	7	20.76	20.82	20.83	
3	64QAM	15	0	20.66	20.79	20.69	
3	256QAM	1	0	18.80	18.78	18.76	20
3	256QAM	1	8	18.65	18.62	18.55	
3	256QAM	1	14	18.59	18.48	18.50	
3	256QAM	8	0	18.62	18.60	18.58	20
3	256QAM	8	4	18.73	18.61	18.67	
3	256QAM	8	7	18.61	18.49	18.56	
3	256QAM	15	0	18.79	18.64	18.51	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.28	22.23	22.8
1.4	QPSK	1	3	22.22	22.19	22.11	
1.4	QPSK	1	5	22.30	22.19	22.21	
1.4	QPSK	3	0	22.19	22.27	22.17	
1.4	QPSK	3	1	22.19	22.21	22.03	
1.4	QPSK	3	3	22.19	22.22	22.16	
1.4	QPSK	6	0	22.34	22.10	22.22	22.8
1.4	16QAM	1	0	22.15	22.00	22.30	22.8
1.4	16QAM	1	3	22.02	22.18	22.11	
1.4	16QAM	1	5	22.11	22.08	21.99	
1.4	16QAM	3	0	22.18	22.10	22.05	
1.4	16QAM	3	1	22.24	22.20	22.11	
1.4	16QAM	3	3	22.22	22.13	22.20	
1.4	16QAM	6	0	21.92	21.79	21.74	22.8
1.4	64QAM	1	0	21.81	21.85	21.84	22.8
1.4	64QAM	1	3	21.94	21.79	21.76	
1.4	64QAM	1	5	21.90	21.82	21.92	
1.4	64QAM	3	0	21.77	21.70	21.76	
1.4	64QAM	3	1	21.73	21.61	21.74	
1.4	64QAM	3	3	21.89	21.79	21.73	
1.4	64QAM	6	0	20.73	20.67	20.60	22
1.4	256QAM	1	0	18.77	18.65	18.64	20
1.4	256QAM	1	3	18.68	18.61	18.54	
1.4	256QAM	1	5	18.72	18.60	18.57	
1.4	256QAM	3	0	18.75	18.65	18.59	
1.4	256QAM	3	1	18.79	18.49	18.52	
1.4	256QAM	3	3	18.75	18.56	18.55	
1.4	256QAM	6	0	18.68	18.45	18.67	20



<LTE Band 66_Ant 2_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.00	19.01	18.95	
20	QPSK	1	49	18.75	18.70	18.76	19.9
20	QPSK	1	99	18.87	18.84	18.83	
20	QPSK	50	0	18.93	18.97	18.96	
20	QPSK	50	24	18.93	18.92	18.92	19.9
20	QPSK	50	50	18.91	18.91	18.95	
20	QPSK	100	0	18.97	18.98	18.96	
20	16QAM	1	0	18.99	18.95	19.00	19.9
20	16QAM	1	49	18.90	18.96	18.98	
20	16QAM	1	99	18.95	18.98	18.97	
20	16QAM	50	0	18.96	18.85	18.97	19.9
20	16QAM	50	24	18.92	18.90	18.97	
20	16QAM	50	50	18.87	18.94	18.96	
20	16QAM	100	0	18.96	18.87	18.90	19.9
20	64QAM	1	0	18.89	18.97	18.85	
20	64QAM	1	49	18.93	18.85	18.70	
20	64QAM	1	99	19.00	18.98	18.95	19.9
20	64QAM	50	0	18.92	18.96	18.95	
20	64QAM	50	24	18.96	18.97	18.98	
20	64QAM	50	50	18.95	18.92	18.94	19.9
20	64QAM	100	0	18.92	18.90	18.99	
20	256QAM	1	0	18.64	18.48	18.54	
20	256QAM	1	49	18.16	18.25	18.33	19.9
20	256QAM	1	99	18.29	18.22	18.19	
20	256QAM	50	0	18.59	18.32	18.38	
20	256QAM	50	24	18.46	18.32	18.23	19.9
20	256QAM	50	50	18.42	18.21	18.42	
20	256QAM	100	0	18.29	18.44	18.46	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.81	18.87	18.87	
15	QPSK	1	37	18.70	18.57	18.73	19.9
15	QPSK	1	74	18.87	18.74	18.66	
15	QPSK	36	0	18.79	18.89	18.88	
15	QPSK	36	20	18.76	18.78	18.89	19.9
15	QPSK	36	39	18.85	18.79	18.81	
15	QPSK	75	0	18.85	18.96	18.78	
15	16QAM	1	0	18.85	18.87	18.97	19.9
15	16QAM	1	37	18.75	18.87	18.80	
15	16QAM	1	74	18.92	18.82	18.92	
15	16QAM	36	0	18.79	18.69	18.88	19.9
15	16QAM	36	20	18.76	18.70	18.83	
15	16QAM	36	39	18.74	18.84	18.84	
15	16QAM	75	0	18.84	18.71	18.80	19.9
15	64QAM	1	0	18.81	18.97	18.84	
15	64QAM	1	37	18.85	18.85	18.66	
15	64QAM	1	74	18.81	18.78	18.81	19.9
15	64QAM	36	0	18.82	18.94	18.90	
15	64QAM	36	20	18.90	18.91	18.89	
15	64QAM	36	39	18.82	18.73	18.77	19.9
15	64QAM	75	0	18.74	18.80	18.88	
15	256QAM	1	0	18.53	18.43	18.47	
15	256QAM	1	37	18.01	18.11	18.14	19.9
15	256QAM	1	74	18.09	18.17	18.13	
15	256QAM	36	0	18.54	18.19	18.28	
15	256QAM	36	20	18.36	18.25	18.10	19.9



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.36	18.02	18.29	Tune-up limit (dBm)
15	256QAM	75	0	18.27	18.31	18.39	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.91	18.85	18.83	19.9
10	QPSK	1	25	18.63	18.68	18.61	
10	QPSK	1	49	18.72	18.72	18.82	
10	QPSK	25	0	18.88	18.86	18.88	19.9
10	QPSK	25	12	18.87	18.85	18.80	
10	QPSK	25	25	18.89	18.89	18.79	
10	QPSK	50	0	18.87	18.90	18.86	
10	16QAM	1	0	18.89	18.80	18.81	19.9
10	16QAM	1	25	18.70	18.96	18.91	
10	16QAM	1	49	18.76	18.81	18.97	
10	16QAM	25	0	18.78	18.84	18.82	19.9
10	16QAM	25	12	18.91	18.77	18.93	
10	16QAM	25	25	18.82	18.91	18.86	
10	16QAM	50	0	18.88	18.71	18.73	
10	64QAM	1	0	18.78	18.84	18.71	19.9
10	64QAM	1	25	18.76	18.79	18.66	
10	64QAM	1	49	18.96	18.88	18.94	
10	64QAM	25	0	18.88	18.80	18.79	19.9
10	64QAM	25	12	18.90	18.77	18.83	
10	64QAM	25	25	18.91	18.73	18.90	
10	64QAM	50	0	18.79	18.73	18.99	
10	256QAM	1	0	18.57	18.35	18.41	19.9
10	256QAM	1	25	18.16	18.14	18.15	
10	256QAM	1	49	18.21	18.04	18.19	
10	256QAM	25	0	18.54	18.18	18.32	19.9
10	256QAM	25	12	18.33	18.27	18.08	
10	256QAM	25	25	18.35	18.07	18.29	
10	256QAM	50	0	18.20	18.43	18.27	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.99	18.99	18.85	19.9
5	QPSK	1	12	18.58	18.51	18.69	
5	QPSK	1	24	18.83	18.72	18.74	
5	QPSK	12	0	18.80	18.90	18.84	19.9
5	QPSK	12	7	18.81	18.75	18.72	
5	QPSK	12	13	18.87	18.73	18.92	
5	QPSK	25	0	18.77	18.84	18.90	
5	16QAM	1	0	18.89	18.94	18.90	19.9
5	16QAM	1	12	18.77	18.76	18.91	
5	16QAM	1	24	18.78	18.82	18.80	
5	16QAM	12	0	18.81	18.79	18.81	19.9
5	16QAM	12	7	18.88	18.77	18.77	
5	16QAM	12	13	18.84	18.83	18.79	
5	16QAM	25	0	18.88	18.79	18.76	
5	64QAM	1	0	18.77	18.84	18.72	19.9
5	64QAM	1	12	18.74	18.84	18.58	
5	64QAM	1	24	18.99	18.88	18.85	
5	64QAM	12	0	18.76	18.78	18.84	19.9
5	64QAM	12	7	18.94	18.94	18.96	
5	64QAM	12	13	18.81	18.87	18.77	
5	64QAM	25	0	18.90	18.86	18.82	
5	256QAM	1	0	18.47	18.44	18.50	19.9
5	256QAM	1	12	18.02	18.09	18.19	
5	256QAM	1	24	18.23	18.16	18.01	
5	256QAM	12	0	18.57	18.12	18.24	19.9
5	256QAM	12	7	18.33	18.29	18.18	
5	256QAM	12	13	18.40	18.09	18.22	
5	256QAM	25	0	18.25	18.26	18.34	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.84	18.91	18.80	19.9
3	QPSK	1	8	18.72	18.59	18.66	
3	QPSK	1	14	18.81	18.81	18.73	
3	QPSK	8	0	18.77	18.87	18.88	19.9
3	QPSK	8	4	18.87	18.88	18.86	
3	QPSK	8	7	18.87	18.71	18.75	
3	QPSK	15	0	18.85	18.86	18.84	
3	16QAM	1	0	18.94	18.84	18.93	19.9
3	16QAM	1	8	18.86	18.84	18.78	
3	16QAM	1	14	18.92	18.88	18.89	
3	16QAM	8	0	18.84	18.71	18.79	19.9
3	16QAM	8	4	18.90	18.82	18.87	
3	16QAM	8	7	18.84	18.94	18.89	
3	16QAM	15	0	18.90	18.79	18.80	
3	64QAM	1	0	18.72	18.79	18.73	19.9
3	64QAM	1	8	18.82	18.71	18.67	
3	64QAM	1	14	18.90	18.93	18.78	
3	64QAM	8	0	18.76	18.81	18.85	19.9
3	64QAM	8	4	18.80	18.92	18.88	
3	64QAM	8	7	18.75	18.80	18.88	
3	64QAM	15	0	18.74	18.89	18.99	
3	256QAM	1	0	18.49	18.46	18.49	19.9
3	256QAM	1	8	18.15	18.14	18.33	
3	256QAM	1	14	18.17	18.10	18.06	
3	256QAM	8	0	18.41	18.19	18.30	19.9
3	256QAM	8	4	18.30	18.23	18.22	
3	256QAM	8	7	18.27	18.05	18.31	
3	256QAM	15	0	18.13	18.37	18.45	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.86	18.86	18.93	19.9
1.4	QPSK	1	3	18.72	18.55	18.68	
1.4	QPSK	1	5	18.71	18.84	18.72	
1.4	QPSK	3	0	18.93	18.83	18.91	
1.4	QPSK	3	1	18.90	18.89	18.84	
1.4	QPSK	3	3	18.82	18.84	18.85	
1.4	QPSK	6	0	18.91	18.80	18.76	19.9
1.4	16QAM	1	0	18.80	18.77	18.93	19.9
1.4	16QAM	1	3	18.76	18.76	18.92	
1.4	16QAM	1	5	18.94	18.87	18.85	
1.4	16QAM	3	0	18.81	18.79	18.95	
1.4	16QAM	3	1	18.75	18.70	18.80	
1.4	16QAM	3	3	18.72	18.83	18.92	
1.4	16QAM	6	0	18.91	18.84	18.83	19.9
1.4	64QAM	1	0	18.73	18.89	18.74	19.9
1.4	64QAM	1	3	18.80	18.80	18.68	
1.4	64QAM	1	5	18.91	18.94	18.79	
1.4	64QAM	3	0	18.85	18.93	18.95	
1.4	64QAM	3	1	18.96	18.84	18.82	
1.4	64QAM	3	3	18.93	18.89	18.89	
1.4	64QAM	6	0	18.76	18.90	18.79	19.9
1.4	256QAM	1	0	18.61	18.33	18.39	19.9
1.4	256QAM	1	3	17.96	18.24	18.26	
1.4	256QAM	1	5	18.25	18.11	18.14	
1.4	256QAM	3	0	18.50	18.31	18.19	
1.4	256QAM	3	1	18.30	18.25	18.21	
1.4	256QAM	3	3	18.34	18.18	18.27	
1.4	256QAM	6	0	18.18	18.43	18.32	19.9



<LTE Band 66_Ant 1_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	25
20	QPSK	1	49	23.73	23.66	23.68	
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	24
20	QPSK	50	24	22.96	22.89	22.86	
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	24
20	16QAM	1	0	23.22	23.03	23.12	
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	23
20	16QAM	50	0	21.85	21.83	21.82	
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	23
20	16QAM	100	0	21.84	21.79	21.81	
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	22
20	64QAM	1	99	21.89	21.86	21.90	
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	20
20	64QAM	50	50	20.92	20.85	20.80	
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	20
20	256QAM	1	49	18.58	18.60	18.54	
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	20
20	256QAM	50	24	18.84	18.84	18.83	
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	25
15	QPSK	1	37	23.64	23.52	23.49	
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	24
15	QPSK	36	20	22.92	22.89	22.83	
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	24
15	16QAM	1	0	23.02	22.86	23.06	
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	23
15	16QAM	36	0	21.83	21.67	21.63	
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	23
15	16QAM	75	0	21.77	21.77	21.66	
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	22
15	64QAM	1	74	21.79	21.85	21.71	
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	20
15	64QAM	36	39	20.73	20.70	20.79	
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	20
15	256QAM	1	37	18.39	18.48	18.34	
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	20
15	256QAM	36	20	18.73	18.65	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	25
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	
10	256QAM	25	0	18.71	18.76	18.65	20
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.89	23.78	23.84	25
5	QPSK	1	12	23.71	23.60	23.60	
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	25
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	24
3	16QAM	1	0	23.20	22.86	22.95	
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	23
3	16QAM	8	0	21.81	21.76	21.63	
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	23
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	
3	64QAM	1	8	21.73	21.78	21.66	22
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	
3	64QAM	8	4	20.83	20.77	20.76	20
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	25
1.4	QPSK	1	0	23.92	23.82	23.83	
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	
1.4	QPSK	3	0	23.95	23.86	23.82	
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	24
1.4	QPSK	6	0	22.95	22.73	22.79	
1.4	16QAM	1	0	22.83	22.85	22.83	24
1.4	16QAM	1	3	22.88	22.71	22.64	
1.4	16QAM	1	5	22.90	22.68	22.69	
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	
1.4	16QAM	3	3	23.05	22.95	22.82	23
1.4	16QAM	6	0	21.78	21.77	21.70	
1.4	64QAM	1	0	21.69	21.78	21.63	23
1.4	64QAM	1	3	21.81	21.75	21.73	
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	
1.4	64QAM	3	1	21.67	21.81	21.73	
1.4	64QAM	3	3	21.87	21.84	21.88	22
1.4	64QAM	6	0	20.77	20.71	20.68	
1.4	256QAM	1	0	19.02	18.93	18.86	20
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	
1.4	256QAM	3	0	18.73	18.71	18.61	
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	20
1.4	256QAM	6	0	18.63	18.74	18.81	



<LTE Band 66_Ant 0_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.99	18.88	19.01	
20	QPSK	1	49	18.95	18.86	18.78	19.9
20	QPSK	1	99	18.96	18.87	18.93	
20	QPSK	50	0	18.94	18.97	19.00	
20	QPSK	50	24	18.94	18.85	18.93	19.9
20	QPSK	50	50	18.92	18.92	18.96	
20	QPSK	100	0	18.88	18.91	18.94	
20	16QAM	1	0	18.86	18.89	18.98	19.9
20	16QAM	1	49	18.88	18.88	18.85	
20	16QAM	1	99	18.90	18.90	18.80	
20	16QAM	50	0	18.82	18.93	18.92	19.9
20	16QAM	50	24	18.88	18.87	18.96	
20	16QAM	50	50	18.87	18.85	18.88	
20	16QAM	100	0	18.93	18.83	18.90	19.9
20	64QAM	1	0	18.91	18.95	18.99	
20	64QAM	1	49	18.89	18.84	18.91	
20	64QAM	1	99	18.94	18.85	18.83	19.9
20	64QAM	50	0	18.96	18.93	18.92	
20	64QAM	50	24	18.95	18.96	18.93	
20	64QAM	50	50	18.98	18.81	18.90	19.9
20	64QAM	100	0	18.87	18.94	19.00	
20	256QAM	1	0	18.84	18.85	18.93	
20	256QAM	1	49	18.86	18.92	18.80	19.9
20	256QAM	1	99	18.74	18.83	18.93	
20	256QAM	50	0	18.87	18.88	18.90	
20	256QAM	50	24	18.71	18.82	18.92	19.9
20	256QAM	50	50	18.75	18.79	19.00	
20	256QAM	100	0	18.74	18.76	18.87	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.98	18.72	19.00	
15	QPSK	1	37	18.79	18.82	18.69	19.9
15	QPSK	1	74	18.89	18.72	18.93	
15	QPSK	36	0	18.91	18.91	18.88	
15	QPSK	36	20	18.93	18.67	18.87	19.9
15	QPSK	36	39	18.90	18.75	18.82	
15	QPSK	75	0	18.72	18.79	18.94	
15	16QAM	1	0	18.78	18.74	18.91	19.9
15	16QAM	1	37	18.84	18.71	18.80	
15	16QAM	1	74	18.87	18.90	18.68	
15	16QAM	36	0	18.76	18.85	18.89	19.9
15	16QAM	36	20	18.71	18.77	18.83	
15	16QAM	36	39	18.78	18.68	18.73	
15	16QAM	75	0	18.87	18.82	18.86	19.9
15	64QAM	1	0	18.82	18.95	18.86	
15	64QAM	1	37	18.82	18.83	18.84	
15	64QAM	1	74	18.76	18.65	18.65	19.9
15	64QAM	36	0	18.83	18.87	18.88	
15	64QAM	36	20	18.89	18.78	18.91	
15	64QAM	36	39	18.90	18.75	18.82	19.9
15	64QAM	75	0	18.72	18.80	18.83	
15	256QAM	1	0	18.78	18.66	18.91	
15	256QAM	1	37	18.70	18.86	18.79	19.9
15	256QAM	1	74	18.74	18.66	18.86	
15	256QAM	36	0	18.70	18.78	18.78	
15	256QAM	36	20	18.64	18.79	18.87	19.9



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.65	18.67	18.92	Tune-up limit (dBm)
15	256QAM	75	0	18.66	18.56	18.67	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.92	18.72	18.89	19.9
10	QPSK	1	25	18.81	18.73	18.66	
10	QPSK	1	49	18.93	18.71	18.80	
10	QPSK	25	0	18.86	18.79	18.98	19.9
10	QPSK	25	12	18.86	18.78	18.81	
10	QPSK	25	25	18.72	18.89	18.95	
10	QPSK	50	0	18.84	18.80	18.93	
10	16QAM	1	0	18.79	18.86	18.80	19.9
10	16QAM	1	25	18.70	18.80	18.70	
10	16QAM	1	49	18.83	18.74	18.77	
10	16QAM	25	0	18.63	18.92	18.74	19.9
10	16QAM	25	12	18.68	18.70	18.79	
10	16QAM	25	25	18.76	18.65	18.71	
10	16QAM	50	0	18.92	18.70	18.85	
10	64QAM	1	0	18.78	18.77	18.87	19.9
10	64QAM	1	25	18.85	18.81	18.74	
10	64QAM	1	49	18.74	18.68	18.81	
10	64QAM	25	0	18.95	18.73	18.74	19.9
10	64QAM	25	12	18.78	18.77	18.85	
10	64QAM	25	25	18.89	18.72	18.85	
10	64QAM	50	0	18.77	18.89	18.95	
10	256QAM	1	0	18.76	18.75	18.79	19.9
10	256QAM	1	25	18.72	18.86	18.62	
10	256QAM	1	49	18.64	18.72	18.89	
10	256QAM	25	0	18.80	18.88	18.73	19.9
10	256QAM	25	12	18.64	18.66	18.86	
10	256QAM	25	25	18.66	18.66	18.86	
10	256QAM	50	0	18.69	18.61	18.87	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.95	18.70	18.87	19.9
5	QPSK	1	12	18.78	18.72	18.63	
5	QPSK	1	24	18.89	18.87	18.89	
5	QPSK	12	0	18.75	18.95	19.00	19.9
5	QPSK	12	7	18.81	18.66	18.79	
5	QPSK	12	13	18.90	18.74	18.89	
5	QPSK	25	0	18.77	18.83	18.81	
5	16QAM	1	0	18.70	18.76	18.92	19.9
5	16QAM	1	12	18.87	18.81	18.65	
5	16QAM	1	24	18.79	18.70	18.71	
5	16QAM	12	0	18.81	18.76	18.79	19.9
5	16QAM	12	7	18.88	18.83	18.83	
5	16QAM	12	13	18.78	18.75	18.78	
5	16QAM	25	0	18.80	18.79	18.89	
5	64QAM	1	0	18.91	18.81	18.97	19.9
5	64QAM	1	12	18.69	18.83	18.88	
5	64QAM	1	24	18.88	18.77	18.78	
5	64QAM	12	0	18.94	18.74	18.89	19.9
5	64QAM	12	7	18.87	18.78	18.90	
5	64QAM	12	13	18.97	18.68	18.86	
5	64QAM	25	0	18.72	18.91	18.90	
5	256QAM	1	0	18.65	18.68	18.85	19.9
5	256QAM	1	12	18.85	18.83	18.66	
5	256QAM	1	24	18.70	18.77	18.88	
5	256QAM	12	0	18.87	18.86	18.74	19.9
5	256QAM	12	7	18.69	18.82	18.86	
5	256QAM	12	13	18.56	18.71	18.90	
5	256QAM	25	0	18.63	18.68	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.95	18.76	18.88	19.9
3	QPSK	1	8	18.75	18.69	18.63	
3	QPSK	1	14	18.96	18.69	18.81	
3	QPSK	8	0	18.79	18.96	18.86	19.9
3	QPSK	8	4	18.89	18.85	18.81	
3	QPSK	8	7	18.92	18.90	18.78	
3	QPSK	15	0	18.70	18.86	18.76	
3	16QAM	1	0	18.82	18.88	18.81	19.9
3	16QAM	1	8	18.87	18.84	18.79	
3	16QAM	1	14	18.74	18.87	18.76	
3	16QAM	8	0	18.70	18.73	18.86	19.9
3	16QAM	8	4	18.75	18.81	18.91	
3	16QAM	8	7	18.77	18.75	18.68	
3	16QAM	15	0	18.77	18.69	18.83	
3	64QAM	1	0	18.79	18.95	18.98	19.9
3	64QAM	1	8	18.75	18.71	18.76	
3	64QAM	1	14	18.82	18.68	18.83	
3	64QAM	8	0	18.90	18.83	18.82	19.9
3	64QAM	8	4	18.82	18.96	18.84	
3	64QAM	8	7	18.88	18.65	18.89	
3	64QAM	15	0	18.67	18.86	18.92	
3	256QAM	1	0	18.78	18.76	18.86	19.9
3	256QAM	1	8	18.67	18.73	18.72	
3	256QAM	1	14	18.66	18.67	18.85	
3	256QAM	8	0	18.82	18.72	18.80	19.9
3	256QAM	8	4	18.66	18.63	18.78	
3	256QAM	8	7	18.60	18.59	18.90	
3	256QAM	15	0	18.73	18.57	18.76	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.93	18.73	18.86	19.9
1.4	QPSK	1	3	18.88	18.86	18.62	
1.4	QPSK	1	5	18.95	18.81	18.82	
1.4	QPSK	3	0	18.89	18.95	18.80	
1.4	QPSK	3	1	18.79	18.83	18.78	
1.4	QPSK	3	3	18.85	18.80	18.84	
1.4	QPSK	6	0	18.82	18.85	18.88	19.9
1.4	16QAM	1	0	18.85	18.88	18.91	19.9
1.4	16QAM	1	3	18.78	18.86	18.74	
1.4	16QAM	1	5	18.87	18.90	18.63	
1.4	16QAM	3	0	18.73	18.87	18.84	
1.4	16QAM	3	1	18.81	18.71	18.84	
1.4	16QAM	3	3	18.78	18.73	18.79	
1.4	16QAM	6	0	18.76	18.72	18.77	19.9
1.4	64QAM	1	0	18.83	18.92	18.89	19.9
1.4	64QAM	1	3	18.79	18.84	18.82	
1.4	64QAM	1	5	18.94	18.79	18.83	
1.4	64QAM	3	0	18.89	18.86	18.73	
1.4	64QAM	3	1	18.82	18.79	18.88	
1.4	64QAM	3	3	18.92	18.66	18.87	
1.4	64QAM	6	0	18.72	18.89	18.97	19.9
1.4	256QAM	1	0	18.80	18.85	18.76	19.9
1.4	256QAM	1	3	18.68	18.78	18.70	
1.4	256QAM	1	5	18.58	18.79	18.91	
1.4	256QAM	3	0	18.72	18.83	18.79	
1.4	256QAM	3	1	18.70	18.75	18.83	
1.4	256QAM	3	3	18.69	18.61	18.86	
1.4	256QAM	6	0	18.67	18.65	18.69	19.9



<LTE Band 66_Ant 5_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.31	22.33	23.5
20	QPSK	1	49	22.27	22.11	22.10	
20	QPSK	1	99	22.14	22.24	22.22	
20	QPSK	50	0	22.29	22.25	22.29	23.5
20	QPSK	50	24	22.26	22.21	22.22	
20	QPSK	50	50	22.28	22.16	22.22	
20	QPSK	100	0	22.27	22.17	22.21	
20	16QAM	1	0	22.26	22.22	22.25	23.5
20	16QAM	1	49	22.33	22.28	22.29	
20	16QAM	1	99	22.20	22.19	22.22	
20	16QAM	50	0	21.75	21.64	21.71	23
20	16QAM	50	24	21.75	21.62	21.74	
20	16QAM	50	50	21.73	21.64	21.71	
20	16QAM	100	0	21.69	21.66	21.76	
20	64QAM	1	0	22.06	21.90	22.03	23
20	64QAM	1	49	21.77	21.75	21.75	
20	64QAM	1	99	21.96	21.84	21.97	
20	64QAM	50	0	20.82	20.76	20.79	22
20	64QAM	50	24	20.70	20.75	20.75	
20	64QAM	50	50	20.79	20.74	20.69	
20	64QAM	100	0	20.81	20.74	20.74	
20	256QAM	1	0	18.93	18.85	18.84	20
20	256QAM	1	49	18.79	18.71	18.65	
20	256QAM	1	99	18.77	18.63	18.68	
20	256QAM	50	0	18.81	18.71	18.63	20
20	256QAM	50	24	18.82	18.68	18.70	
20	256QAM	50	50	18.76	18.60	18.58	
20	256QAM	100	0	18.82	18.64	18.67	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.37	22.11	22.25	23.5
15	QPSK	1	37	22.10	22.05	22.10	
15	QPSK	1	74	22.11	22.20	22.20	
15	QPSK	36	0	22.26	22.19	22.11	23.5
15	QPSK	36	20	22.08	22.18	22.15	
15	QPSK	36	39	22.18	21.98	22.13	
15	QPSK	75	0	22.23	22.13	22.21	
15	16QAM	1	0	22.09	22.22	22.18	23.5
15	16QAM	1	37	22.27	22.26	22.26	
15	16QAM	1	74	22.14	22.17	22.15	
15	16QAM	36	0	21.62	21.59	21.63	23
15	16QAM	36	20	21.74	21.57	21.57	
15	16QAM	36	39	21.66	21.47	21.66	
15	16QAM	75	0	21.60	21.56	21.56	
15	64QAM	1	0	22.02	21.71	21.84	23
15	64QAM	1	37	21.64	21.62	21.63	
15	64QAM	1	74	21.89	21.77	21.97	
15	64QAM	36	0	20.69	20.75	20.79	22
15	64QAM	36	20	20.66	20.68	20.68	
15	64QAM	36	39	20.79	20.64	20.51	
15	64QAM	75	0	20.76	20.65	20.62	
15	256QAM	1	0	18.77	18.74	18.81	20
15	256QAM	1	37	18.65	18.70	18.48	
15	256QAM	1	74	18.74	18.43	18.60	
15	256QAM	36	0	18.74	18.53	18.46	20
15	256QAM	36	20	18.81	18.51	18.69	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.63	18.43	18.44	Tune-up limit (dBm)
15	256QAM	75	0	18.82	18.54	18.56	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.33	22.23	22.13	23.5
10	QPSK	1	25	22.26	22.11	22.06	
10	QPSK	1	49	22.12	22.19	22.19	
10	QPSK	25	0	22.10	22.07	22.29	23.5
10	QPSK	25	12	22.26	22.20	22.11	
10	QPSK	25	25	22.26	22.10	22.05	
10	QPSK	50	0	22.12	21.97	22.14	
10	16QAM	1	0	22.07	22.08	22.13	23.5
10	16QAM	1	25	22.22	22.17	22.09	
10	16QAM	1	49	22.00	22.18	22.19	
10	16QAM	25	0	21.63	21.53	21.59	23
10	16QAM	25	12	21.60	21.57	21.73	
10	16QAM	25	25	21.60	21.58	21.71	
10	16QAM	50	0	21.62	21.55	21.71	
10	64QAM	1	0	22.02	21.89	21.89	23
10	64QAM	1	25	21.71	21.75	21.73	
10	64QAM	1	49	21.88	21.75	21.89	
10	64QAM	25	0	20.82	20.57	20.61	22
10	64QAM	25	12	20.52	20.64	20.55	
10	64QAM	25	25	20.62	20.73	20.67	
10	64QAM	50	0	20.73	20.66	20.69	
10	256QAM	1	0	18.76	18.67	18.82	20
10	256QAM	1	25	18.64	18.62	18.60	
10	256QAM	1	49	18.74	18.58	18.65	
10	256QAM	25	0	18.71	18.64	18.46	20
10	256QAM	25	12	18.82	18.50	18.66	
10	256QAM	25	25	18.58	18.45	18.43	
10	256QAM	50	0	18.75	18.46	18.55	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.25	22.28	22.33	23.5
5	QPSK	1	12	22.27	22.17	22.27	
5	QPSK	1	24	22.28	22.22	22.28	
5	QPSK	12	0	22.33	22.20	22.30	23.5
5	QPSK	12	7	22.27	22.20	22.25	
5	QPSK	12	13	22.30	22.24	22.24	
5	QPSK	25	0	22.17	22.22	22.19	
5	16QAM	1	0	22.31	22.26	22.28	23.5
5	16QAM	1	12	22.29	22.25	22.22	
5	16QAM	1	24	22.22	22.27	22.24	
5	16QAM	12	0	21.69	21.74	21.67	23
5	16QAM	12	7	21.68	21.69	21.65	
5	16QAM	12	13	21.63	21.66	21.65	
5	16QAM	25	0	21.65	21.62	21.64	
5	64QAM	1	0	21.91	21.90	21.97	23
5	64QAM	1	12	21.76	21.94	22.00	
5	64QAM	1	24	21.93	21.77	21.89	
5	64QAM	12	0	20.73	20.79	20.81	22
5	64QAM	12	7	20.74	20.78	20.76	
5	64QAM	12	13	20.80	20.84	20.71	
5	64QAM	25	0	20.81	20.81	20.74	
5	256QAM	1	0	18.79	18.66	18.71	20
5	256QAM	1	12	18.72	18.61	18.61	
5	256QAM	1	24	18.59	18.60	18.61	
5	256QAM	12	0	18.62	18.51	18.58	20
5	256QAM	12	7	18.79	18.66	18.59	
5	256QAM	12	13	18.61	18.53	18.49	
5	256QAM	25	0	18.76	18.59	18.51	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.32	22.33	22.33	23.5
3	QPSK	1	8	22.10	22.24	22.28	
3	QPSK	1	14	22.15	22.28	22.29	
3	QPSK	8	0	22.26	22.21	22.29	23.5
3	QPSK	8	4	22.12	22.31	22.26	
3	QPSK	8	7	22.22	22.24	22.20	
3	QPSK	15	0	22.25	22.21	22.27	
3	16QAM	1	0	22.34	22.32	22.17	23.5
3	16QAM	1	8	21.90	22.13	21.95	
3	16QAM	1	14	22.11	22.09	22.30	
3	16QAM	8	0	21.71	21.70	21.80	23
3	16QAM	8	4	21.64	21.69	21.79	
3	16QAM	8	7	21.70	21.80	21.74	
3	16QAM	15	0	21.77	21.73	21.78	
3	64QAM	1	0	21.95	21.82	21.87	23
3	64QAM	1	8	21.80	21.96	21.86	
3	64QAM	1	14	21.70	21.84	21.87	
3	64QAM	8	0	20.79	20.76	20.77	22
3	64QAM	8	4	20.80	20.79	20.75	
3	64QAM	8	7	20.76	20.82	20.83	
3	64QAM	15	0	20.66	20.79	20.69	
3	256QAM	1	0	18.80	18.78	18.76	20
3	256QAM	1	8	18.65	18.62	18.55	
3	256QAM	1	14	18.59	18.48	18.50	
3	256QAM	8	0	18.62	18.60	18.58	20
3	256QAM	8	4	18.73	18.61	18.67	
3	256QAM	8	7	18.61	18.49	18.56	
3	256QAM	15	0	18.79	18.64	18.51	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.28	22.23	23.5
1.4	QPSK	1	3	22.22	22.19	22.11	
1.4	QPSK	1	5	22.30	22.19	22.21	
1.4	QPSK	3	0	22.19	22.27	22.17	
1.4	QPSK	3	1	22.19	22.21	22.03	
1.4	QPSK	3	3	22.19	22.22	22.16	
1.4	QPSK	6	0	22.34	22.10	22.22	23.5
1.4	16QAM	1	0	22.15	22.00	22.30	23.5
1.4	16QAM	1	3	22.02	22.18	22.11	
1.4	16QAM	1	5	22.11	22.08	21.99	
1.4	16QAM	3	0	22.18	22.10	22.05	
1.4	16QAM	3	1	22.24	22.20	22.11	
1.4	16QAM	3	3	22.22	22.13	22.20	
1.4	16QAM	6	0	21.92	21.79	21.74	23
1.4	64QAM	1	0	21.81	21.85	21.84	23
1.4	64QAM	1	3	21.94	21.79	21.76	
1.4	64QAM	1	5	21.90	21.82	21.92	
1.4	64QAM	3	0	21.77	21.70	21.76	
1.4	64QAM	3	1	21.73	21.61	21.74	
1.4	64QAM	3	3	21.89	21.79	21.73	
1.4	64QAM	6	0	20.73	20.67	20.60	22
1.4	256QAM	1	0	18.77	18.65	18.64	20
1.4	256QAM	1	3	18.68	18.61	18.54	
1.4	256QAM	1	5	18.72	18.60	18.57	
1.4	256QAM	3	0	18.75	18.65	18.59	
1.4	256QAM	3	1	18.79	18.49	18.52	
1.4	256QAM	3	3	18.75	18.56	18.55	
1.4	256QAM	6	0	18.68	18.45	18.67	20



<LTE Band 66_Ant 2_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.00	19.01	18.95	
20	QPSK	1	49	18.75	18.70	18.76	19.2
20	QPSK	1	99	18.87	18.84	18.83	
20	QPSK	50	0	18.93	18.97	18.96	
20	QPSK	50	24	18.93	18.92	18.92	19.2
20	QPSK	50	50	18.91	18.91	18.95	
20	QPSK	100	0	18.97	18.98	18.96	
20	16QAM	1	0	18.99	18.95	19.00	19.2
20	16QAM	1	49	18.90	18.96	18.98	
20	16QAM	1	99	18.95	18.98	18.97	
20	16QAM	50	0	18.96	18.85	18.97	19.2
20	16QAM	50	24	18.92	18.90	18.97	
20	16QAM	50	50	18.87	18.94	18.96	
20	16QAM	100	0	18.96	18.87	18.90	19.2
20	64QAM	1	0	18.89	18.97	18.85	
20	64QAM	1	49	18.93	18.85	18.70	
20	64QAM	1	99	19.00	18.98	18.95	19.2
20	64QAM	50	0	18.92	18.96	18.95	
20	64QAM	50	24	18.96	18.97	18.98	
20	64QAM	50	50	18.95	18.92	18.94	19.2
20	64QAM	100	0	18.92	18.90	18.99	
20	256QAM	1	0	18.64	18.48	18.54	
20	256QAM	1	49	18.16	18.25	18.33	19.2
20	256QAM	1	99	18.29	18.22	18.19	
20	256QAM	50	0	18.59	18.32	18.38	
20	256QAM	50	24	18.46	18.32	18.23	19.2
20	256QAM	50	50	18.42	18.21	18.42	
20	256QAM	100	0	18.29	18.44	18.46	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.81	18.87	18.87	
15	QPSK	1	37	18.70	18.57	18.73	19.2
15	QPSK	1	74	18.87	18.74	18.66	
15	QPSK	36	0	18.79	18.89	18.88	
15	QPSK	36	20	18.76	18.78	18.89	19.2
15	QPSK	36	39	18.85	18.79	18.81	
15	QPSK	75	0	18.85	18.96	18.78	
15	16QAM	1	0	18.85	18.87	18.97	19.2
15	16QAM	1	37	18.75	18.87	18.80	
15	16QAM	1	74	18.92	18.82	18.92	
15	16QAM	36	0	18.79	18.69	18.88	19.2
15	16QAM	36	20	18.76	18.70	18.83	
15	16QAM	36	39	18.74	18.84	18.84	
15	16QAM	75	0	18.84	18.71	18.80	19.2
15	64QAM	1	0	18.81	18.97	18.84	
15	64QAM	1	37	18.85	18.85	18.66	
15	64QAM	1	74	18.81	18.78	18.81	19.2
15	64QAM	36	0	18.82	18.94	18.90	
15	64QAM	36	20	18.90	18.91	18.89	
15	64QAM	36	39	18.82	18.73	18.77	19.2
15	64QAM	75	0	18.74	18.80	18.88	
15	256QAM	1	0	18.53	18.43	18.47	
15	256QAM	1	37	18.01	18.11	18.14	19.2
15	256QAM	1	74	18.09	18.17	18.13	
15	256QAM	36	0	18.54	18.19	18.28	
15	256QAM	36	20	18.36	18.25	18.10	19.2



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.36	18.02	18.29	Tune-up limit (dBm)
15	256QAM	75	0	18.27	18.31	18.39	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.91	18.85	18.83	19.2
10	QPSK	1	25	18.63	18.68	18.61	
10	QPSK	1	49	18.72	18.72	18.82	
10	QPSK	25	0	18.88	18.86	18.88	19.2
10	QPSK	25	12	18.87	18.85	18.80	
10	QPSK	25	25	18.89	18.89	18.79	
10	QPSK	50	0	18.87	18.90	18.86	
10	16QAM	1	0	18.89	18.80	18.81	19.2
10	16QAM	1	25	18.70	18.96	18.91	
10	16QAM	1	49	18.76	18.81	18.97	
10	16QAM	25	0	18.78	18.84	18.82	19.2
10	16QAM	25	12	18.91	18.77	18.93	
10	16QAM	25	25	18.82	18.91	18.86	
10	16QAM	50	0	18.88	18.71	18.73	
10	64QAM	1	0	18.78	18.84	18.71	19.2
10	64QAM	1	25	18.76	18.79	18.66	
10	64QAM	1	49	18.96	18.88	18.94	
10	64QAM	25	0	18.88	18.80	18.79	19.2
10	64QAM	25	12	18.90	18.77	18.83	
10	64QAM	25	25	18.91	18.73	18.90	
10	64QAM	50	0	18.79	18.73	18.99	
10	256QAM	1	0	18.57	18.35	18.41	19.2
10	256QAM	1	25	18.16	18.14	18.15	
10	256QAM	1	49	18.21	18.04	18.19	
10	256QAM	25	0	18.54	18.18	18.32	19.2
10	256QAM	25	12	18.33	18.27	18.08	
10	256QAM	25	25	18.35	18.07	18.29	
10	256QAM	50	0	18.20	18.43	18.27	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.99	18.99	18.85	19.2
5	QPSK	1	12	18.58	18.51	18.69	
5	QPSK	1	24	18.83	18.72	18.74	
5	QPSK	12	0	18.80	18.90	18.84	19.2
5	QPSK	12	7	18.81	18.75	18.72	
5	QPSK	12	13	18.87	18.73	18.92	
5	QPSK	25	0	18.77	18.84	18.90	
5	16QAM	1	0	18.89	18.94	18.90	19.2
5	16QAM	1	12	18.77	18.76	18.91	
5	16QAM	1	24	18.78	18.82	18.80	
5	16QAM	12	0	18.81	18.79	18.81	19.2
5	16QAM	12	7	18.88	18.77	18.77	
5	16QAM	12	13	18.84	18.83	18.79	
5	16QAM	25	0	18.88	18.79	18.76	
5	64QAM	1	0	18.77	18.84	18.72	19.2
5	64QAM	1	12	18.74	18.84	18.58	
5	64QAM	1	24	18.99	18.88	18.85	
5	64QAM	12	0	18.76	18.78	18.84	19.2
5	64QAM	12	7	18.94	18.94	18.96	
5	64QAM	12	13	18.81	18.87	18.77	
5	64QAM	25	0	18.90	18.86	18.82	
5	256QAM	1	0	18.47	18.44	18.50	19.2
5	256QAM	1	12	18.02	18.09	18.19	
5	256QAM	1	24	18.23	18.16	18.01	
5	256QAM	12	0	18.57	18.12	18.24	19.2
5	256QAM	12	7	18.33	18.29	18.18	
5	256QAM	12	13	18.40	18.09	18.22	
5	256QAM	25	0	18.25	18.26	18.34	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.84	18.91	18.80	19.2
3	QPSK	1	8	18.72	18.59	18.66	
3	QPSK	1	14	18.81	18.81	18.73	
3	QPSK	8	0	18.77	18.87	18.88	19.2
3	QPSK	8	4	18.87	18.88	18.86	
3	QPSK	8	7	18.87	18.71	18.75	
3	QPSK	15	0	18.85	18.86	18.84	
3	16QAM	1	0	18.94	18.84	18.93	19.2
3	16QAM	1	8	18.86	18.84	18.78	
3	16QAM	1	14	18.92	18.88	18.89	
3	16QAM	8	0	18.84	18.71	18.79	19.2
3	16QAM	8	4	18.90	18.82	18.87	
3	16QAM	8	7	18.84	18.94	18.89	
3	16QAM	15	0	18.90	18.79	18.80	
3	64QAM	1	0	18.72	18.79	18.73	19.2
3	64QAM	1	8	18.82	18.71	18.67	
3	64QAM	1	14	18.90	18.93	18.78	
3	64QAM	8	0	18.76	18.81	18.85	19.2
3	64QAM	8	4	18.80	18.92	18.88	
3	64QAM	8	7	18.75	18.80	18.88	
3	64QAM	15	0	18.74	18.89	18.99	
3	256QAM	1	0	18.49	18.46	18.49	19.2
3	256QAM	1	8	18.15	18.14	18.33	
3	256QAM	1	14	18.17	18.10	18.06	
3	256QAM	8	0	18.41	18.19	18.30	19.2
3	256QAM	8	4	18.30	18.23	18.22	
3	256QAM	8	7	18.27	18.05	18.31	
3	256QAM	15	0	18.13	18.37	18.45	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.86	18.86	18.93	19.2
1.4	QPSK	1	3	18.72	18.55	18.68	
1.4	QPSK	1	5	18.71	18.84	18.72	
1.4	QPSK	3	0	18.93	18.83	18.91	
1.4	QPSK	3	1	18.90	18.89	18.84	
1.4	QPSK	3	3	18.82	18.84	18.85	
1.4	QPSK	6	0	18.91	18.80	18.76	19.2
1.4	16QAM	1	0	18.80	18.77	18.93	19.2
1.4	16QAM	1	3	18.76	18.76	18.92	
1.4	16QAM	1	5	18.94	18.87	18.85	
1.4	16QAM	3	0	18.81	18.79	18.95	
1.4	16QAM	3	1	18.75	18.70	18.80	
1.4	16QAM	3	3	18.72	18.83	18.92	
1.4	16QAM	6	0	18.91	18.84	18.83	19.2
1.4	64QAM	1	0	18.73	18.89	18.74	19.2
1.4	64QAM	1	3	18.80	18.80	18.68	
1.4	64QAM	1	5	18.91	18.94	18.79	
1.4	64QAM	3	0	18.85	18.93	18.95	
1.4	64QAM	3	1	18.96	18.84	18.82	
1.4	64QAM	3	3	18.93	18.89	18.89	
1.4	64QAM	6	0	18.76	18.90	18.79	19.2
1.4	256QAM	1	0	18.61	18.33	18.39	19.2
1.4	256QAM	1	3	17.96	18.24	18.26	
1.4	256QAM	1	5	18.25	18.11	18.14	
1.4	256QAM	3	0	18.50	18.31	18.19	
1.4	256QAM	3	1	18.30	18.25	18.21	
1.4	256QAM	3	3	18.34	18.18	18.27	
1.4	256QAM	6	0	18.18	18.43	18.32	19.2



<LTE Band 66_Ant 1_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	24.6
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.05	23.87	23.88	
20	QPSK	1	49	23.73	23.66	23.68	24
20	QPSK	1	99	23.84	23.82	23.79	
20	QPSK	50	0	23.00	22.90	22.87	
20	QPSK	50	24	22.96	22.89	22.86	24
20	QPSK	50	50	22.93	22.82	22.78	
20	QPSK	100	0	22.93	22.85	22.84	
20	16QAM	1	0	23.22	23.03	23.12	24
20	16QAM	1	49	23.14	23.11	23.14	
20	16QAM	1	99	23.05	23.11	23.01	
20	16QAM	50	0	21.85	21.83	21.82	23
20	16QAM	50	24	21.82	21.79	21.82	
20	16QAM	50	50	21.83	21.81	21.76	
20	16QAM	100	0	21.84	21.79	21.81	23
20	64QAM	1	0	22.10	22.10	22.01	
20	64QAM	1	49	21.84	21.91	21.85	
20	64QAM	1	99	21.89	21.86	21.90	22
20	64QAM	50	0	20.96	20.87	20.85	
20	64QAM	50	24	20.94	20.85	20.88	
20	64QAM	50	50	20.92	20.85	20.80	20
20	64QAM	100	0	20.92	20.84	20.79	
20	256QAM	1	0	19.06	19.05	19.04	
20	256QAM	1	49	18.58	18.60	18.54	20
20	256QAM	1	99	18.82	18.85	18.81	
20	256QAM	50	0	18.87	18.86	18.77	
20	256QAM	50	24	18.84	18.84	18.83	20
20	256QAM	50	50	18.74	18.82	18.71	
20	256QAM	100	0	18.83	18.91	18.88	
Channel				132047	132322	132597	24.6
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.75	23.72	
15	QPSK	1	37	23.64	23.52	23.49	24
15	QPSK	1	74	23.79	23.77	23.69	
15	QPSK	36	0	23.00	22.84	22.71	
15	QPSK	36	20	22.92	22.89	22.83	24
15	QPSK	36	39	22.93	22.79	22.66	
15	QPSK	75	0	22.74	22.79	22.80	
15	16QAM	1	0	23.02	22.86	23.06	24
15	16QAM	1	37	23.11	23.06	23.02	
15	16QAM	1	74	22.87	23.06	22.87	
15	16QAM	36	0	21.83	21.67	21.63	23
15	16QAM	36	20	21.69	21.59	21.66	
15	16QAM	36	39	21.67	21.81	21.76	
15	16QAM	75	0	21.77	21.77	21.66	23
15	64QAM	1	0	21.91	22.08	21.84	
15	64QAM	1	37	21.66	21.74	21.75	
15	64QAM	1	74	21.79	21.85	21.71	22
15	64QAM	36	0	20.77	20.83	20.79	
15	64QAM	36	20	20.74	20.67	20.69	
15	64QAM	36	39	20.73	20.70	20.79	20
15	64QAM	75	0	20.90	20.71	20.72	
15	256QAM	1	0	18.91	18.98	18.93	
15	256QAM	1	37	18.39	18.48	18.34	20
15	256QAM	1	74	18.71	18.66	18.70	
15	256QAM	36	0	18.69	18.75	18.69	
15	256QAM	36	20	18.73	18.65	18.79	20



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.73	18.67	18.60	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.75	18.77	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.90	23.74	23.74	24.6
10	QPSK	1	25	23.64	23.56	23.53	
10	QPSK	1	49	23.67	23.70	23.73	
10	QPSK	25	0	22.83	22.86	22.74	24
10	QPSK	25	12	22.78	22.72	22.83	
10	QPSK	25	25	22.86	22.82	22.64	
10	QPSK	50	0	22.75	22.77	22.71	
10	16QAM	1	0	23.02	23.02	23.06	24
10	16QAM	1	25	23.06	22.94	23.11	
10	16QAM	1	49	22.85	23.06	22.99	23
10	16QAM	25	0	21.83	21.63	21.74	
10	16QAM	25	12	21.79	21.70	21.81	
10	16QAM	25	25	21.77	21.76	21.56	
10	16QAM	50	0	21.77	21.60	21.67	23
10	64QAM	1	0	22.02	22.01	21.85	
10	64QAM	1	25	21.73	21.75	21.73	
10	64QAM	1	49	21.70	21.85	21.79	22
10	64QAM	25	0	20.92	20.83	20.76	
10	64QAM	25	12	20.80	20.79	20.72	
10	64QAM	25	25	20.81	20.79	20.75	
10	64QAM	50	0	20.75	20.67	20.60	20
10	256QAM	1	0	19.00	18.89	18.85	
10	256QAM	1	25	18.48	18.46	18.51	
10	256QAM	1	49	18.78	18.80	18.68	
10	256QAM	25	0	18.71	18.76	18.65	20
10	256QAM	25	12	18.68	18.79	18.66	
10	256QAM	25	25	18.61	18.74	18.52	
10	256QAM	50	0	18.77	18.71	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.89	23.78	23.84	24.6
5	QPSK	1	12	23.71	23.60	23.60	
5	QPSK	1	24	23.79	23.64	23.72	
5	QPSK	12	0	22.82	22.80	22.81	24
5	QPSK	12	7	22.85	22.74	22.72	
5	QPSK	12	13	22.77	22.74	22.67	
5	QPSK	25	0	22.80	22.68	22.73	
5	16QAM	1	0	23.22	23.00	23.08	24
5	16QAM	1	12	22.94	23.02	23.08	
5	16QAM	1	24	23.02	23.08	22.82	
5	16QAM	12	0	21.79	21.79	21.65	23
5	16QAM	12	7	21.71	21.66	21.72	
5	16QAM	12	13	21.67	21.69	21.64	
5	16QAM	25	0	21.66	21.75	21.78	
5	64QAM	1	0	21.92	22.09	21.92	23
5	64QAM	1	12	21.79	21.75	21.83	
5	64QAM	1	24	21.69	21.80	21.88	
5	64QAM	12	0	20.85	20.77	20.68	22
5	64QAM	12	7	20.93	20.65	20.72	
5	64QAM	12	13	20.77	20.83	20.64	
5	64QAM	25	0	20.84	20.79	20.73	
5	256QAM	1	0	18.97	18.88	18.85	20
5	256QAM	1	12	18.54	18.57	18.46	
5	256QAM	1	24	18.70	18.67	18.70	
5	256QAM	12	0	18.78	18.80	18.70	20
5	256QAM	12	7	18.75	18.65	18.77	
5	256QAM	12	13	18.58	18.64	18.53	
5	256QAM	25	0	18.65	18.74	18.71	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.92	23.67	23.71	24.6
3	QPSK	1	8	23.70	23.51	23.49	
3	QPSK	1	14	23.78	23.71	23.78	
3	QPSK	8	0	22.86	22.82	22.80	24
3	QPSK	8	4	22.92	22.76	22.74	
3	QPSK	8	7	22.76	22.62	22.68	
3	QPSK	15	0	22.87	22.77	22.81	24
3	16QAM	1	0	23.20	22.86	22.95	
3	16QAM	1	8	23.13	22.92	22.95	
3	16QAM	1	14	22.91	22.94	22.83	23
3	16QAM	8	0	21.81	21.76	21.63	
3	16QAM	8	4	21.75	21.68	21.80	
3	16QAM	8	7	21.77	21.81	21.63	23
3	16QAM	15	0	21.68	21.68	21.69	
3	64QAM	1	0	21.96	21.98	22.01	
3	64QAM	1	8	21.73	21.78	21.66	22
3	64QAM	1	14	21.87	21.84	21.73	
3	64QAM	8	0	20.83	20.81	20.66	
3	64QAM	8	4	20.83	20.77	20.76	20
3	64QAM	8	7	20.90	20.77	20.68	
3	64QAM	15	0	20.81	20.72	20.75	
3	256QAM	1	0	18.88	19.05	18.97	20
3	256QAM	1	8	18.44	18.56	18.52	
3	256QAM	1	14	18.63	18.81	18.66	
3	256QAM	8	0	18.80	18.83	18.65	20
3	256QAM	8	4	18.68	18.68	18.76	
3	256QAM	8	7	18.67	18.80	18.55	
3	256QAM	15	0	18.76	18.75	18.85	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.92	23.82	23.83	24.6
1.4	QPSK	1	3	23.72	23.60	23.49	
1.4	QPSK	1	5	23.75	23.62	23.60	
1.4	QPSK	3	0	23.95	23.86	23.82	24
1.4	QPSK	3	1	23.65	23.48	23.60	
1.4	QPSK	3	3	23.73	23.79	23.69	
1.4	QPSK	6	0	22.95	22.73	22.79	24
1.4	16QAM	1	0	22.83	22.85	22.83	
1.4	16QAM	1	3	22.88	22.71	22.64	
1.4	16QAM	1	5	22.90	22.68	22.69	23
1.4	16QAM	3	0	23.14	22.90	23.07	
1.4	16QAM	3	1	22.98	23.10	22.97	
1.4	16QAM	3	3	23.05	22.95	22.82	23
1.4	16QAM	6	0	21.78	21.77	21.70	
1.4	64QAM	1	0	21.69	21.78	21.63	
1.4	64QAM	1	3	21.81	21.75	21.73	22
1.4	64QAM	1	5	21.73	21.64	21.81	
1.4	64QAM	3	0	21.92	22.06	21.86	
1.4	64QAM	3	1	21.67	21.81	21.73	20
1.4	64QAM	3	3	21.87	21.84	21.88	
1.4	64QAM	6	0	20.77	20.71	20.68	
1.4	256QAM	1	0	19.02	18.93	18.86	20
1.4	256QAM	1	3	18.53	18.41	18.43	
1.4	256QAM	1	5	18.65	18.78	18.71	
1.4	256QAM	3	0	18.73	18.71	18.61	20
1.4	256QAM	3	1	18.72	18.77	18.82	
1.4	256QAM	3	3	18.55	18.77	18.68	
1.4	256QAM	6	0	18.63	18.74	18.81	20



<LTE Band 66_Ant 0_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	19.2
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.99	18.88	19.01	
20	QPSK	1	49	18.95	18.86	18.78	19.2
20	QPSK	1	99	18.96	18.87	18.93	
20	QPSK	50	0	18.94	18.97	19.00	
20	QPSK	50	24	18.94	18.85	18.93	19.2
20	QPSK	50	50	18.92	18.92	18.96	
20	QPSK	100	0	18.88	18.91	18.94	
20	16QAM	1	0	18.86	18.89	18.98	19.2
20	16QAM	1	49	18.88	18.88	18.85	
20	16QAM	1	99	18.90	18.90	18.80	
20	16QAM	50	0	18.82	18.93	18.92	19.2
20	16QAM	50	24	18.88	18.87	18.96	
20	16QAM	50	50	18.87	18.85	18.88	
20	16QAM	100	0	18.93	18.83	18.90	19.2
20	64QAM	1	0	18.91	18.95	18.99	
20	64QAM	1	49	18.89	18.84	18.91	
20	64QAM	1	99	18.94	18.85	18.83	19.2
20	64QAM	50	0	18.96	18.93	18.92	
20	64QAM	50	24	18.95	18.96	18.93	
20	64QAM	50	50	18.98	18.81	18.90	19.2
20	64QAM	100	0	18.87	18.94	19.00	
20	256QAM	1	0	18.84	18.85	18.93	
20	256QAM	1	49	18.86	18.92	18.80	19.2
20	256QAM	1	99	18.74	18.83	18.93	
20	256QAM	50	0	18.87	18.88	18.90	
20	256QAM	50	24	18.71	18.82	18.92	19.2
20	256QAM	50	50	18.75	18.79	19.00	
20	256QAM	100	0	18.74	18.76	18.87	
Channel				132047	132322	132597	19.2
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.98	18.72	19.00	
15	QPSK	1	37	18.79	18.82	18.69	19.2
15	QPSK	1	74	18.89	18.72	18.93	
15	QPSK	36	0	18.91	18.91	18.88	
15	QPSK	36	20	18.93	18.67	18.87	19.2
15	QPSK	36	39	18.90	18.75	18.82	
15	QPSK	75	0	18.72	18.79	18.94	
15	16QAM	1	0	18.78	18.74	18.91	19.2
15	16QAM	1	37	18.84	18.71	18.80	
15	16QAM	1	74	18.87	18.90	18.68	
15	16QAM	36	0	18.76	18.85	18.89	19.2
15	16QAM	36	20	18.71	18.77	18.83	
15	16QAM	36	39	18.78	18.68	18.73	
15	16QAM	75	0	18.87	18.82	18.86	19.2
15	64QAM	1	0	18.82	18.95	18.86	
15	64QAM	1	37	18.82	18.83	18.84	
15	64QAM	1	74	18.76	18.65	18.65	19.2
15	64QAM	36	0	18.83	18.87	18.88	
15	64QAM	36	20	18.89	18.78	18.91	
15	64QAM	36	39	18.90	18.75	18.82	19.2
15	64QAM	75	0	18.72	18.80	18.83	
15	256QAM	1	0	18.78	18.66	18.91	
15	256QAM	1	37	18.70	18.86	18.79	19.2
15	256QAM	1	74	18.74	18.66	18.86	
15	256QAM	36	0	18.70	18.78	18.78	
15	256QAM	36	20	18.64	18.79	18.87	19.2



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.65	18.67	18.92	Tune-up limit (dBm)
15	256QAM	75	0	18.66	18.56	18.67	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.92	18.72	18.89	19.2
10	QPSK	1	25	18.81	18.73	18.66	
10	QPSK	1	49	18.93	18.71	18.80	
10	QPSK	25	0	18.86	18.79	18.98	19.2
10	QPSK	25	12	18.86	18.78	18.81	
10	QPSK	25	25	18.72	18.89	18.95	
10	QPSK	50	0	18.84	18.80	18.93	
10	16QAM	1	0	18.79	18.86	18.80	19.2
10	16QAM	1	25	18.70	18.80	18.70	
10	16QAM	1	49	18.83	18.74	18.77	
10	16QAM	25	0	18.63	18.92	18.74	19.2
10	16QAM	25	12	18.68	18.70	18.79	
10	16QAM	25	25	18.76	18.65	18.71	
10	16QAM	50	0	18.92	18.70	18.85	
10	64QAM	1	0	18.78	18.77	18.87	19.2
10	64QAM	1	25	18.85	18.81	18.74	
10	64QAM	1	49	18.74	18.68	18.81	
10	64QAM	25	0	18.95	18.73	18.74	19.2
10	64QAM	25	12	18.78	18.77	18.85	
10	64QAM	25	25	18.89	18.72	18.85	
10	64QAM	50	0	18.77	18.89	18.95	
10	256QAM	1	0	18.76	18.75	18.79	19.2
10	256QAM	1	25	18.72	18.86	18.62	
10	256QAM	1	49	18.64	18.72	18.89	
10	256QAM	25	0	18.80	18.88	18.73	19.2
10	256QAM	25	12	18.64	18.66	18.86	
10	256QAM	25	25	18.66	18.66	18.86	
10	256QAM	50	0	18.69	18.61	18.87	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.95	18.70	18.87	19.2
5	QPSK	1	12	18.78	18.72	18.63	
5	QPSK	1	24	18.89	18.87	18.89	
5	QPSK	12	0	18.75	18.95	19.00	19.2
5	QPSK	12	7	18.81	18.66	18.79	
5	QPSK	12	13	18.90	18.74	18.89	
5	QPSK	25	0	18.77	18.83	18.81	
5	16QAM	1	0	18.70	18.76	18.92	19.2
5	16QAM	1	12	18.87	18.81	18.65	
5	16QAM	1	24	18.79	18.70	18.71	
5	16QAM	12	0	18.81	18.76	18.79	19.2
5	16QAM	12	7	18.88	18.83	18.83	
5	16QAM	12	13	18.78	18.75	18.78	
5	16QAM	25	0	18.80	18.79	18.89	
5	64QAM	1	0	18.91	18.81	18.97	19.2
5	64QAM	1	12	18.69	18.83	18.88	
5	64QAM	1	24	18.88	18.77	18.78	
5	64QAM	12	0	18.94	18.74	18.89	19.2
5	64QAM	12	7	18.87	18.78	18.90	
5	64QAM	12	13	18.97	18.68	18.86	
5	64QAM	25	0	18.72	18.91	18.90	
5	256QAM	1	0	18.65	18.68	18.85	19.2
5	256QAM	1	12	18.85	18.83	18.66	
5	256QAM	1	24	18.70	18.77	18.88	
5	256QAM	12	0	18.87	18.86	18.74	19.2
5	256QAM	12	7	18.69	18.82	18.86	
5	256QAM	12	13	18.56	18.71	18.90	
5	256QAM	25	0	18.63	18.68	18.70	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.95	18.76	18.88	19.2
3	QPSK	1	8	18.75	18.69	18.63	
3	QPSK	1	14	18.96	18.69	18.81	
3	QPSK	8	0	18.79	18.96	18.86	19.2
3	QPSK	8	4	18.89	18.85	18.81	
3	QPSK	8	7	18.92	18.90	18.78	
3	QPSK	15	0	18.70	18.86	18.76	
3	16QAM	1	0	18.82	18.88	18.81	19.2
3	16QAM	1	8	18.87	18.84	18.79	
3	16QAM	1	14	18.74	18.87	18.76	
3	16QAM	8	0	18.70	18.73	18.86	19.2
3	16QAM	8	4	18.75	18.81	18.91	
3	16QAM	8	7	18.77	18.75	18.68	
3	16QAM	15	0	18.77	18.69	18.83	
3	64QAM	1	0	18.79	18.95	18.98	19.2
3	64QAM	1	8	18.75	18.71	18.76	
3	64QAM	1	14	18.82	18.68	18.83	
3	64QAM	8	0	18.90	18.83	18.82	19.2
3	64QAM	8	4	18.82	18.96	18.84	
3	64QAM	8	7	18.88	18.65	18.89	
3	64QAM	15	0	18.67	18.86	18.92	
3	256QAM	1	0	18.78	18.76	18.86	19.2
3	256QAM	1	8	18.67	18.73	18.72	
3	256QAM	1	14	18.66	18.67	18.85	
3	256QAM	8	0	18.82	18.72	18.80	19.2
3	256QAM	8	4	18.66	18.63	18.78	
3	256QAM	8	7	18.60	18.59	18.90	
3	256QAM	15	0	18.73	18.57	18.76	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.93	18.73	18.86	19.2
1.4	QPSK	1	3	18.88	18.86	18.62	
1.4	QPSK	1	5	18.95	18.81	18.82	
1.4	QPSK	3	0	18.89	18.95	18.80	
1.4	QPSK	3	1	18.79	18.83	18.78	
1.4	QPSK	3	3	18.85	18.80	18.84	
1.4	QPSK	6	0	18.82	18.85	18.88	19.2
1.4	16QAM	1	0	18.85	18.88	18.91	19.2
1.4	16QAM	1	3	18.78	18.86	18.74	
1.4	16QAM	1	5	18.87	18.90	18.63	
1.4	16QAM	3	0	18.73	18.87	18.84	
1.4	16QAM	3	1	18.81	18.71	18.84	
1.4	16QAM	3	3	18.78	18.73	18.79	19.2
1.4	16QAM	6	0	18.76	18.72	18.77	
1.4	64QAM	1	0	18.83	18.92	18.89	19.2
1.4	64QAM	1	3	18.79	18.84	18.82	
1.4	64QAM	1	5	18.94	18.79	18.83	
1.4	64QAM	3	0	18.89	18.86	18.73	
1.4	64QAM	3	1	18.82	18.79	18.88	
1.4	64QAM	3	3	18.92	18.66	18.87	19.2
1.4	64QAM	6	0	18.72	18.89	18.97	
1.4	256QAM	1	0	18.80	18.85	18.76	19.2
1.4	256QAM	1	3	18.68	18.78	18.70	
1.4	256QAM	1	5	18.58	18.79	18.91	
1.4	256QAM	3	0	18.72	18.83	18.79	
1.4	256QAM	3	1	18.70	18.75	18.83	
1.4	256QAM	3	3	18.69	18.61	18.86	19.2
1.4	256QAM	6	0	18.67	18.65	18.69	



<LTE Band 66_Ant 5_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.31	22.33	22.8
20	QPSK	1	49	22.27	22.11	22.10	
20	QPSK	1	99	22.14	22.24	22.22	
20	QPSK	50	0	22.29	22.25	22.29	22.8
20	QPSK	50	24	22.26	22.21	22.22	
20	QPSK	50	50	22.28	22.16	22.22	
20	QPSK	100	0	22.27	22.17	22.21	
20	16QAM	1	0	22.26	22.22	22.25	22.8
20	16QAM	1	49	22.33	22.28	22.29	
20	16QAM	1	99	22.20	22.19	22.22	
20	16QAM	50	0	21.75	21.64	21.71	22.8
20	16QAM	50	24	21.75	21.62	21.74	
20	16QAM	50	50	21.73	21.64	21.71	
20	16QAM	100	0	21.69	21.66	21.76	
20	64QAM	1	0	22.06	21.90	22.03	22.8
20	64QAM	1	49	21.77	21.75	21.75	
20	64QAM	1	99	21.96	21.84	21.97	
20	64QAM	50	0	20.82	20.76	20.79	22
20	64QAM	50	24	20.70	20.75	20.75	
20	64QAM	50	50	20.79	20.74	20.69	
20	64QAM	100	0	20.81	20.74	20.74	
20	256QAM	1	0	18.93	18.85	18.84	20
20	256QAM	1	49	18.79	18.71	18.65	
20	256QAM	1	99	18.77	18.63	18.68	
20	256QAM	50	0	18.81	18.71	18.63	20
20	256QAM	50	24	18.82	18.68	18.70	
20	256QAM	50	50	18.76	18.60	18.58	
20	256QAM	100	0	18.82	18.64	18.67	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.37	22.11	22.25	22.8
15	QPSK	1	37	22.10	22.05	22.10	
15	QPSK	1	74	22.11	22.20	22.20	
15	QPSK	36	0	22.26	22.19	22.11	22.8
15	QPSK	36	20	22.08	22.18	22.15	
15	QPSK	36	39	22.18	21.98	22.13	
15	QPSK	75	0	22.23	22.13	22.21	
15	16QAM	1	0	22.09	22.22	22.18	22.8
15	16QAM	1	37	22.27	22.26	22.26	
15	16QAM	1	74	22.14	22.17	22.15	
15	16QAM	36	0	21.62	21.59	21.63	22.8
15	16QAM	36	20	21.74	21.57	21.57	
15	16QAM	36	39	21.66	21.47	21.66	
15	16QAM	75	0	21.60	21.56	21.56	
15	64QAM	1	0	22.02	21.71	21.84	22.8
15	64QAM	1	37	21.64	21.62	21.63	
15	64QAM	1	74	21.89	21.77	21.97	
15	64QAM	36	0	20.69	20.75	20.79	22
15	64QAM	36	20	20.66	20.68	20.68	
15	64QAM	36	39	20.79	20.64	20.51	
15	64QAM	75	0	20.76	20.65	20.62	
15	256QAM	1	0	18.77	18.74	18.81	20
15	256QAM	1	37	18.65	18.70	18.48	
15	256QAM	1	74	18.74	18.43	18.60	
15	256QAM	36	0	18.74	18.53	18.46	20
15	256QAM	36	20	18.81	18.51	18.69	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.63	18.43	18.44	Tune-up limit (dBm)
15	256QAM	75	0	18.82	18.54	18.56	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.33	22.23	22.13	22.8
10	QPSK	1	25	22.26	22.11	22.06	
10	QPSK	1	49	22.12	22.19	22.19	
10	QPSK	25	0	22.10	22.07	22.29	22.8
10	QPSK	25	12	22.26	22.20	22.11	
10	QPSK	25	25	22.26	22.10	22.05	
10	QPSK	50	0	22.12	21.97	22.14	
10	16QAM	1	0	22.07	22.08	22.13	22.8
10	16QAM	1	25	22.22	22.17	22.09	
10	16QAM	1	49	22.00	22.18	22.19	
10	16QAM	25	0	21.63	21.53	21.59	22.8
10	16QAM	25	12	21.60	21.57	21.73	
10	16QAM	25	25	21.60	21.58	21.71	
10	16QAM	50	0	21.62	21.55	21.71	
10	64QAM	1	0	22.02	21.89	21.89	22.8
10	64QAM	1	25	21.71	21.75	21.73	
10	64QAM	1	49	21.88	21.75	21.89	
10	64QAM	25	0	20.82	20.57	20.61	22
10	64QAM	25	12	20.52	20.64	20.55	
10	64QAM	25	25	20.62	20.73	20.67	
10	64QAM	50	0	20.73	20.66	20.69	
10	256QAM	1	0	18.76	18.67	18.82	20
10	256QAM	1	25	18.64	18.62	18.60	
10	256QAM	1	49	18.74	18.58	18.65	
10	256QAM	25	0	18.71	18.64	18.46	20
10	256QAM	25	12	18.82	18.50	18.66	
10	256QAM	25	25	18.58	18.45	18.43	
10	256QAM	50	0	18.75	18.46	18.55	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.25	22.28	22.33	22.8
5	QPSK	1	12	22.27	22.17	22.27	
5	QPSK	1	24	22.28	22.22	22.28	
5	QPSK	12	0	22.33	22.20	22.30	22.8
5	QPSK	12	7	22.27	22.20	22.25	
5	QPSK	12	13	22.30	22.24	22.24	
5	QPSK	25	0	22.17	22.22	22.19	
5	16QAM	1	0	22.31	22.26	22.28	22.8
5	16QAM	1	12	22.29	22.25	22.22	
5	16QAM	1	24	22.22	22.27	22.24	
5	16QAM	12	0	21.69	21.74	21.67	22.8
5	16QAM	12	7	21.68	21.69	21.65	
5	16QAM	12	13	21.63	21.66	21.65	
5	16QAM	25	0	21.65	21.62	21.64	
5	64QAM	1	0	21.91	21.90	21.97	22.8
5	64QAM	1	12	21.76	21.94	22.00	
5	64QAM	1	24	21.93	21.77	21.89	
5	64QAM	12	0	20.73	20.79	20.81	22
5	64QAM	12	7	20.74	20.78	20.76	
5	64QAM	12	13	20.80	20.84	20.71	
5	64QAM	25	0	20.81	20.81	20.74	
5	256QAM	1	0	18.79	18.66	18.71	20
5	256QAM	1	12	18.72	18.61	18.61	
5	256QAM	1	24	18.59	18.60	18.61	
5	256QAM	12	0	18.62	18.51	18.58	20
5	256QAM	12	7	18.79	18.66	18.59	
5	256QAM	12	13	18.61	18.53	18.49	
5	256QAM	25	0	18.76	18.59	18.51	
Channel				131987	132322	132657	Tune-up limit



FCC SAR TEST REPORT

Report No. : FA4N0920C

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.32	22.33	22.33	22.8
3	QPSK	1	8	22.10	22.24	22.28	
3	QPSK	1	14	22.15	22.28	22.29	
3	QPSK	8	0	22.26	22.21	22.29	22.8
3	QPSK	8	4	22.12	22.31	22.26	
3	QPSK	8	7	22.22	22.24	22.20	
3	QPSK	15	0	22.25	22.21	22.27	
3	16QAM	1	0	22.34	22.32	22.17	22.8
3	16QAM	1	8	21.90	22.13	21.95	
3	16QAM	1	14	22.11	22.09	22.30	
3	16QAM	8	0	21.71	21.70	21.80	22.8
3	16QAM	8	4	21.64	21.69	21.79	
3	16QAM	8	7	21.70	21.80	21.74	
3	16QAM	15	0	21.77	21.73	21.78	
3	64QAM	1	0	21.95	21.82	21.87	22.8
3	64QAM	1	8	21.80	21.96	21.86	
3	64QAM	1	14	21.70	21.84	21.87	
3	64QAM	8	0	20.79	20.76	20.77	22
3	64QAM	8	4	20.80	20.79	20.75	
3	64QAM	8	7	20.76	20.82	20.83	
3	64QAM	15	0	20.66	20.79	20.69	
3	256QAM	1	0	18.80	18.78	18.76	20
3	256QAM	1	8	18.65	18.62	18.55	
3	256QAM	1	14	18.59	18.48	18.50	
3	256QAM	8	0	18.62	18.60	18.58	20
3	256QAM	8	4	18.73	18.61	18.67	
3	256QAM	8	7	18.61	18.49	18.56	
3	256QAM	15	0	18.79	18.64	18.51	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.28	22.23	22.8
1.4	QPSK	1	3	22.22	22.19	22.11	
1.4	QPSK	1	5	22.30	22.19	22.21	
1.4	QPSK	3	0	22.19	22.27	22.17	
1.4	QPSK	3	1	22.19	22.21	22.03	
1.4	QPSK	3	3	22.19	22.22	22.16	
1.4	QPSK	6	0	22.34	22.10	22.22	22.8
1.4	16QAM	1	0	22.15	22.00	22.30	22.8
1.4	16QAM	1	3	22.02	22.18	22.11	
1.4	16QAM	1	5	22.11	22.08	21.99	
1.4	16QAM	3	0	22.18	22.10	22.05	
1.4	16QAM	3	1	22.24	22.20	22.11	
1.4	16QAM	3	3	22.22	22.13	22.20	
1.4	16QAM	6	0	21.92	21.79	21.74	22.8
1.4	64QAM	1	0	21.81	21.85	21.84	22.8
1.4	64QAM	1	3	21.94	21.79	21.76	
1.4	64QAM	1	5	21.90	21.82	21.92	
1.4	64QAM	3	0	21.77	21.70	21.76	
1.4	64QAM	3	1	21.73	21.61	21.74	
1.4	64QAM	3	3	21.89	21.79	21.73	
1.4	64QAM	6	0	20.73	20.67	20.60	22
1.4	256QAM	1	0	18.77	18.65	18.64	20
1.4	256QAM	1	3	18.68	18.61	18.54	
1.4	256QAM	1	5	18.72	18.60	18.57	
1.4	256QAM	3	0	18.75	18.65	18.59	
1.4	256QAM	3	1	18.79	18.49	18.52	
1.4	256QAM	3	3	18.75	18.56	18.55	
1.4	256QAM	6	0	18.68	18.45	18.67	20



<LTE Band 71_Ant 0_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	24.3
10	16QAM	1	0	23.47	23.41	23.51	
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	23.3
10	16QAM	25	0	22.27	22.22	22.21	
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	23.3
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	
10	64QAM	1	25	22.17	22.17	22.15	23.3
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	
10	64QAM	25	12	21.02	21.12	20.99	22.3
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	24.3
5	16QAM	1	0	23.42	23.59	23.60	
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	23.3
5	16QAM	12	0	22.28	22.08	22.26	
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	23.3
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	
5	64QAM	1	12	22.23	22.18	22.23	23.3
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	
5	64QAM	12	7	21.11	21.08	21.14	22.3
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	22.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	22.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.39	24.38	25.3
20	QPSK	1	49	23.97	24.04	24.00	
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	24.3
20	QPSK	50	24	23.21	23.22	23.24	
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	24.3
20	16QAM	1	0	23.47	23.59	23.63	
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	23.3
20	16QAM	50	0	22.28	22.26	22.26	
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	23.3
20	16QAM	100	0	22.22	22.23	22.20	
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	22.3
20	64QAM	1	99	22.21	22.15	22.06	
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	20.3
20	64QAM	50	50	21.04	21.05	21.11	
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	20.3
20	256QAM	1	49	19.12	19.20	19.15	
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	20.3
20	256QAM	50	24	19.11	19.15	19.18	
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	25.3
15	QPSK	1	37	23.82	24.02	23.87	
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	24.3
15	QPSK	36	20	23.20	23.08	23.23	
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	24.3
15	16QAM	1	0	23.41	23.58	23.55	
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	23.3
15	16QAM	36	0	22.24	22.12	22.18	
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	23.3
15	16QAM	75	0	22.19	22.06	22.09	
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	22.3
15	64QAM	1	74	22.18	22.08	22.01	
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	20.3
15	64QAM	36	39	21.00	20.96	20.95	
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	20.3
15	256QAM	1	37	18.96	19.19	19.09	
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	20.3
15	256QAM	36	20	18.92	19.00	19.02	
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	

**<LTE Band 71_Ant 1_Index 4>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	22.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	23.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	22.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.39	24.38	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	24.3
10	16QAM	1	0	23.47	23.41	23.51	
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	23.3
10	16QAM	25	0	22.27	22.22	22.21	
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	23.3
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	
10	64QAM	1	25	22.17	22.17	22.15	23.3
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	
10	64QAM	25	12	21.02	21.12	20.99	22.3
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	24.3
5	16QAM	1	0	23.42	23.59	23.60	
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	23.3
5	16QAM	12	0	22.28	22.08	22.26	
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	23.3
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	
5	64QAM	1	12	22.23	22.18	22.23	23.3
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	
5	64QAM	12	7	21.11	21.08	21.14	22.3
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	22.3
10	64QAM	25	12	20.88	20.91	21.09	
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	20.3
10	256QAM	1	0	19.10	19.17	19.23	
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	20.3
10	256QAM	25	0	18.85	19.02	19.05	
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	20.3
10	256QAM	50	0	19.01	18.99	18.94	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.39	24.38	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	22.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	23.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	22.3
5	64QAM	12	7	20.98	21.03	21.10	
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	20.3
5	256QAM	1	0	19.15	19.28	19.11	
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	20.3
5	256QAM	12	0	18.99	19.06	19.14	
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	20.3
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.2
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.2
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.2
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	22.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	20.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.2
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	22.3
10	64QAM	25	12	20.88	20.91	21.09	
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	20.3
10	256QAM	1	0	19.10	19.17	19.23	
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	20.3
10	256QAM	25	0	18.85	19.02	19.05	
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	20.3
10	256QAM	50	0	19.01	18.99	18.94	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	
10	16QAM	1	0	23.47	23.41	23.51	24.3
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	
10	16QAM	25	0	22.27	22.22	22.21	23.3
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	23.3
10	64QAM	1	25	22.17	22.17	22.15	
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	22.3
10	64QAM	25	12	21.02	21.12	20.99	
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	
5	16QAM	1	0	23.42	23.59	23.60	24.3
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	
5	16QAM	12	0	22.28	22.08	22.26	23.3
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	23.3
5	64QAM	1	12	22.23	22.18	22.23	
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	22.3
5	64QAM	12	7	21.11	21.08	21.14	
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	
10	64QAM	25	12	20.88	20.91	21.09	22.3
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	
10	256QAM	1	0	19.10	19.17	19.23	20.3
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	
10	256QAM	25	0	18.85	19.02	19.05	20.3
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	
10	256QAM	50	0	19.01	18.99	18.94	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	22.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	
5	64QAM	12	7	20.98	21.03	21.10	20.3
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	
5	256QAM	1	0	19.15	19.28	19.11	20.3
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	
5	256QAM	12	0	18.99	19.06	19.14	20.3
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	
5	256QAM	25	0	19.00	18.96	19.04	



<LTE Band 71_Ant 0_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.34	24.32	24.39	
20	QPSK	1	49	23.97	24.04	24.00	25.3
20	QPSK	1	99	24.03	24.06	24.00	
20	QPSK	50	0	23.30	23.31	23.30	
20	QPSK	50	24	23.21	23.22	23.24	24.3
20	QPSK	50	50	23.12	23.12	23.12	
20	QPSK	100	0	23.24	23.24	23.27	
20	16QAM	1	0	23.47	23.59	23.63	24.3
20	16QAM	1	49	23.53	23.43	23.39	
20	16QAM	1	99	23.22	23.38	23.03	
20	16QAM	50	0	22.28	22.26	22.26	23.3
20	16QAM	50	24	22.20	22.21	22.17	
20	16QAM	50	50	22.14	22.07	22.11	
20	16QAM	100	0	22.22	22.23	22.20	23.3
20	64QAM	1	0	22.48	22.54	22.55	
20	64QAM	1	49	22.27	22.26	22.23	
20	64QAM	1	99	22.21	22.15	22.06	22.3
20	64QAM	50	0	21.28	21.26	21.28	
20	64QAM	50	24	21.19	21.17	21.19	
20	64QAM	50	50	21.04	21.05	21.11	20.3
20	64QAM	100	0	21.14	21.17	21.12	
20	256QAM	1	0	19.35	19.34	19.38	
20	256QAM	1	49	19.12	19.20	19.15	20.3
20	256QAM	1	99	19.23	19.28	19.29	
20	256QAM	50	0	19.14	19.17	19.19	
20	256QAM	50	24	19.11	19.15	19.18	20.3
20	256QAM	50	50	19.09	19.13	19.10	
20	256QAM	100	0	19.10	19.13	19.16	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.18	24.25	24.32	
15	QPSK	1	37	23.82	24.02	23.87	25.3
15	QPSK	1	74	23.90	23.87	23.93	
15	QPSK	36	0	23.13	23.17	23.29	
15	QPSK	36	20	23.20	23.08	23.23	24.3
15	QPSK	36	39	23.11	23.02	22.97	
15	QPSK	75	0	23.15	23.15	23.26	
15	16QAM	1	0	23.41	23.58	23.55	24.3
15	16QAM	1	37	23.51	23.43	23.29	
15	16QAM	1	74	23.15	23.24	22.89	
15	16QAM	36	0	22.24	22.12	22.18	23.3
15	16QAM	36	20	22.09	22.16	22.01	
15	16QAM	36	39	21.95	22.03	21.96	
15	16QAM	75	0	22.19	22.06	22.09	23.3
15	64QAM	1	0	22.44	22.53	22.55	
15	64QAM	1	37	22.25	22.07	22.13	
15	64QAM	1	74	22.18	22.08	22.01	22.3
15	64QAM	36	0	21.27	21.25	21.28	
15	64QAM	36	20	21.07	21.09	21.01	
15	64QAM	36	39	21.00	20.96	20.95	20.3
15	64QAM	75	0	21.14	21.10	20.93	
15	256QAM	1	0	19.31	19.28	19.33	
15	256QAM	1	37	18.96	19.19	19.09	20.3
15	256QAM	1	74	19.15	19.19	19.12	
15	256QAM	36	0	19.11	19.16	19.01	
15	256QAM	36	20	18.92	19.00	19.02	20.3
15	256QAM	36	39	19.07	19.13	18.92	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	19.01	19.02	19.14	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.29	24.17	24.30	25.3
10	QPSK	1	25	23.77	23.92	23.89	
10	QPSK	1	49	23.83	24.04	23.97	
10	QPSK	25	0	23.21	23.18	23.18	24.3
10	QPSK	25	12	23.05	23.15	23.12	
10	QPSK	25	25	22.95	23.12	23.05	
10	QPSK	50	0	23.15	23.13	23.24	24.3
10	16QAM	1	0	23.47	23.41	23.51	
10	16QAM	1	25	23.48	23.26	23.37	
10	16QAM	1	49	23.19	23.22	22.88	23.3
10	16QAM	25	0	22.27	22.22	22.21	
10	16QAM	25	12	22.06	22.03	22.15	
10	16QAM	25	25	22.07	22.07	21.93	23.3
10	16QAM	50	0	22.22	22.20	22.01	
10	64QAM	1	0	22.32	22.41	22.47	
10	64QAM	1	25	22.17	22.17	22.15	23.3
10	64QAM	1	49	22.11	21.98	21.98	
10	64QAM	25	0	21.25	21.25	21.25	
10	64QAM	25	12	21.02	21.12	20.99	22.3
10	64QAM	25	25	20.89	21.00	20.94	
10	64QAM	50	0	21.08	21.15	21.11	
10	256QAM	1	0	19.18	19.25	19.38	20.3
10	256QAM	1	25	19.04	19.15	19.05	
10	256QAM	1	49	19.23	19.28	19.23	
10	256QAM	25	0	19.05	18.99	19.01	20.3
10	256QAM	25	12	18.98	18.95	19.15	
10	256QAM	25	25	18.93	19.07	19.04	
10	256QAM	50	0	18.94	19.08	19.01	Tune-up limit (dBm)
Channel				133147	133297	133447	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.26	24.22	24.30	25.3
5	QPSK	1	12	23.97	23.85	23.94	
5	QPSK	1	24	23.86	23.89	23.84	
5	QPSK	12	0	23.28	23.26	23.13	24.3
5	QPSK	12	7	23.17	23.19	23.04	
5	QPSK	12	13	23.11	23.04	22.93	
5	QPSK	25	0	23.20	23.10	23.18	24.3
5	16QAM	1	0	23.42	23.59	23.60	
5	16QAM	1	12	23.47	23.31	23.32	
5	16QAM	1	24	23.14	23.31	22.98	23.3
5	16QAM	12	0	22.28	22.08	22.26	
5	16QAM	12	7	22.11	22.16	22.15	
5	16QAM	12	13	22.09	21.92	22.05	23.3
5	16QAM	25	0	22.16	22.05	22.05	
5	64QAM	1	0	22.28	22.54	22.46	
5	64QAM	1	12	22.23	22.18	22.23	23.3
5	64QAM	1	24	22.10	21.97	21.91	
5	64QAM	12	0	21.21	21.18	21.22	
5	64QAM	12	7	21.11	21.08	21.14	22.3
5	64QAM	12	13	20.94	20.86	21.05	
5	64QAM	25	0	20.96	21.04	21.10	
5	256QAM	1	0	19.16	19.17	19.36	20.3
5	256QAM	1	12	19.10	19.17	19.11	
5	256QAM	1	24	19.13	19.09	19.12	
5	256QAM	12	0	19.00	19.10	18.99	20.3
5	256QAM	12	7	19.02	19.09	19.03	
5	256QAM	12	13	19.03	18.99	18.90	
5	256QAM	25	0	18.96	19.04	18.98	



<LTE Band 71_Ant 1_Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.17	24.29	24.28	
20	QPSK	1	49	23.95	23.97	23.99	25.3
20	QPSK	1	99	23.97	23.97	23.94	
20	QPSK	50	0	23.20	23.24	23.20	
20	QPSK	50	24	23.13	23.15	23.15	24.3
20	QPSK	50	50	23.07	23.07	23.08	
20	QPSK	100	0	23.10	23.21	23.14	
20	16QAM	1	0	23.22	23.43	23.43	24.3
20	16QAM	1	49	23.37	23.24	23.38	
20	16QAM	1	99	23.12	23.22	23.12	
20	16QAM	50	0	22.14	22.20	22.24	23.3
20	16QAM	50	24	22.09	22.12	22.13	
20	16QAM	50	50	22.01	22.06	22.02	
20	16QAM	100	0	22.10	22.12	22.16	23.3
20	64QAM	1	0	22.17	22.47	22.42	
20	64QAM	1	49	22.11	22.14	22.18	
20	64QAM	1	99	22.11	21.97	21.94	22.3
20	64QAM	50	0	21.17	21.21	21.22	
20	64QAM	50	24	21.07	21.09	21.17	
20	64QAM	50	50	21.01	21.05	21.08	20.3
20	64QAM	100	0	21.12	21.08	21.14	
20	256QAM	1	0	19.23	19.32	19.30	
20	256QAM	1	49	18.93	19.02	18.90	20.3
20	256QAM	1	99	18.72	18.88	18.76	
20	256QAM	50	0	19.04	19.20	19.15	
20	256QAM	50	24	18.92	19.10	19.00	20.3
20	256QAM	50	50	18.85	18.99	18.91	
20	256QAM	100	0	19.01	19.15	19.12	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.11	24.20	24.28	
15	QPSK	1	37	23.89	23.79	23.93	25.3
15	QPSK	1	74	23.93	23.97	23.86	
15	QPSK	36	0	23.02	23.09	23.10	
15	QPSK	36	20	23.07	22.99	22.96	24.3
15	QPSK	36	39	22.92	22.89	22.88	
15	QPSK	75	0	23.09	23.19	23.01	
15	16QAM	1	0	23.21	23.34	23.40	24.3
15	16QAM	1	37	23.32	23.11	23.23	
15	16QAM	1	74	23.00	23.04	23.05	
15	16QAM	36	0	21.95	22.10	22.14	23.3
15	16QAM	36	20	21.93	21.93	21.94	
15	16QAM	36	39	21.86	21.95	21.85	
15	16QAM	75	0	22.06	22.11	21.98	23.3
15	64QAM	1	0	22.13	22.36	22.25	
15	64QAM	1	37	22.01	22.04	22.15	
15	64QAM	1	74	22.04	21.80	21.89	22.3
15	64QAM	36	0	20.97	21.11	21.16	
15	64QAM	36	20	21.05	20.90	21.16	
15	64QAM	36	39	21.00	20.88	21.04	20.3
15	64QAM	75	0	20.92	21.06	21.03	
15	256QAM	1	0	19.17	19.18	19.29	
15	256QAM	1	37	18.93	18.95	18.71	20.3
15	256QAM	1	74	18.65	18.77	18.61	
15	256QAM	36	0	18.91	19.04	19.09	
15	256QAM	36	20	18.85	19.05	19.00	20.3
15	256QAM	36	39	18.69	18.85	18.71	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.81	19.05	19.10	Tune-up limit (dBm)
Channel				133172	133297	133422	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.16	24.20	24.09	25.3
10	QPSK	1	25	23.81	23.91	23.79	
10	QPSK	1	49	23.78	23.83	23.75	
10	QPSK	25	0	23.19	23.11	23.14	24.3
10	QPSK	25	12	23.05	23.00	23.00	
10	QPSK	25	25	22.88	22.98	23.00	
10	QPSK	50	0	23.00	23.18	23.03	24.3
10	16QAM	1	0	23.09	23.28	23.29	
10	16QAM	1	25	23.28	23.19	23.29	
10	16QAM	1	49	22.95	23.05	23.08	23.3
10	16QAM	25	0	22.06	22.06	22.24	
10	16QAM	25	12	22.06	22.12	22.04	
10	16QAM	25	25	21.89	22.02	21.95	23.3
10	16QAM	50	0	22.00	22.09	22.12	
10	64QAM	1	0	22.01	22.30	22.35	
10	64QAM	1	25	21.94	21.96	22.15	23.3
10	64QAM	1	49	21.93	21.77	21.80	
10	64QAM	25	0	21.10	21.07	21.04	22.3
10	64QAM	25	12	20.88	20.91	21.09	
10	64QAM	25	25	20.94	20.90	20.89	
10	64QAM	50	0	20.99	21.05	20.94	20.3
10	256QAM	1	0	19.10	19.17	19.23	
10	256QAM	1	25	18.75	18.97	18.71	
10	256QAM	1	49	18.64	18.71	18.60	20.3
10	256QAM	25	0	18.85	19.02	19.05	
10	256QAM	25	12	18.85	19.02	18.91	
10	256QAM	25	25	18.81	18.80	18.89	20.3
10	256QAM	50	0	19.01	18.99	18.94	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.09	24.12	24.18	25.3
5	QPSK	1	12	23.82	23.82	23.94	
5	QPSK	1	24	23.96	23.85	23.94	
5	QPSK	12	0	23.11	23.20	23.08	24.3
5	QPSK	12	7	22.95	23.07	23.11	
5	QPSK	12	13	22.88	23.00	23.04	
5	QPSK	25	0	22.94	23.18	23.05	24.3
5	16QAM	1	0	23.15	23.26	23.38	
5	16QAM	1	12	23.28	23.11	23.26	
5	16QAM	1	24	22.99	23.08	23.06	23.3
5	16QAM	12	0	21.95	22.20	22.24	
5	16QAM	12	7	21.92	22.01	22.10	
5	16QAM	12	13	21.97	22.04	21.88	23.3
5	16QAM	25	0	21.92	22.07	22.14	
5	64QAM	1	0	22.00	22.39	22.32	
5	64QAM	1	12	21.91	22.10	22.15	23.3
5	64QAM	1	24	21.94	21.79	21.86	
5	64QAM	12	0	20.97	21.19	21.08	22.3
5	64QAM	12	7	20.98	21.03	21.10	
5	64QAM	12	13	20.87	20.97	21.01	
5	64QAM	25	0	21.12	20.90	21.12	20.3
5	256QAM	1	0	19.15	19.28	19.11	
5	256QAM	1	12	18.92	18.85	18.73	
5	256QAM	1	24	18.67	18.88	18.69	20.3
5	256QAM	12	0	18.99	19.06	19.14	
5	256QAM	12	7	18.74	19.07	18.84	
5	256QAM	12	13	18.82	18.97	18.88	20.3
5	256QAM	25	0	19.00	18.96	19.04	

<TDD LTE SAR Measurement>

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

- 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
- “special subframe S” contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS
- Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Base station simulator was used for LTE output power measurements and SAR testing.

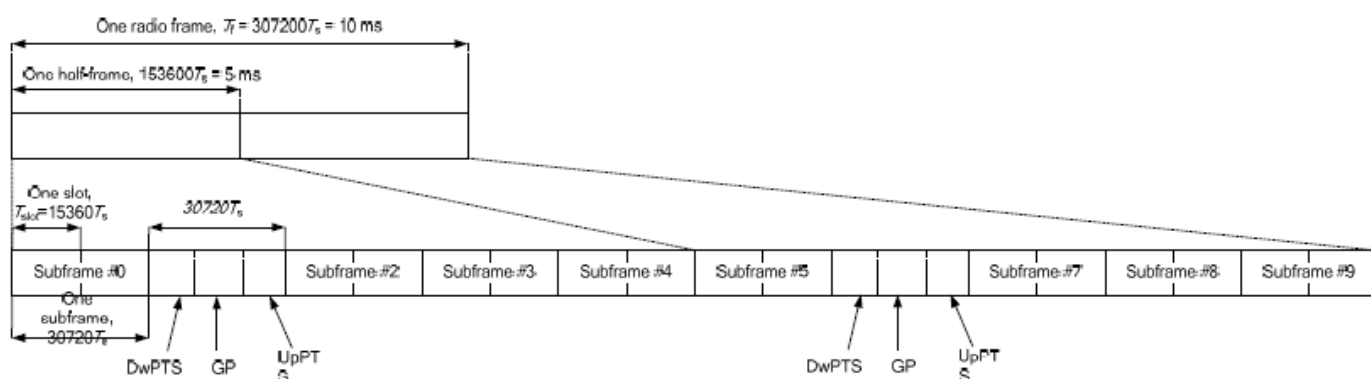


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$	-	-
8	$24144 \cdot T_s$			-		
9	$13168 \cdot T_s$			-	-	-

Special subframe (30720·T _s): Normal cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
Uplink duty factor in one special subframe	0~4	7.13%	8.33%
	5~9	14.3%	16.7%

Special subframe(30720·T _s): Extended cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
Uplink duty factor in one special subframe	0~3	7.13%	8.33%
	4~7	14.3%	16.7%

The highest duty factor is resulted from:

- i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subframes, uplink operation is in 3 uplink subframes and 1 special subframe.
- ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
- iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.167)/5 = 63.3\%$
- iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.143)/5 = 62.9\%$
- v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix $63.3\%/62.9\% = 1.006$ is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
- vi. The device supports Power Class 3 uplink-downlink configurations 0 and 6, and Power Class 2 uplink-downlink configurations 1 to 5 operations for LTE TDD.
- vii. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1, for Power Class 3 operation is 63.3% using UL-DL configuration 0. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR among all exposure condition.



<LTE Band 38_Ant 2_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.27	24.21	24.28	
20	QPSK	1	49	24.25	24.19	24.26	25
20	QPSK	1	99	24.22	24.15	24.23	
20	QPSK	50	0	23.31	23.25	23.33	
20	QPSK	50	24	23.23	23.19	23.31	24
20	QPSK	50	50	23.20	23.15	23.22	
20	QPSK	100	0	23.24	23.19	23.25	
20	16QAM	1	0	23.37	23.32	23.40	24
20	16QAM	1	49	23.34	23.29	23.39	
20	16QAM	1	99	23.20	23.16	23.26	
20	16QAM	50	0	22.25	22.21	22.28	23
20	16QAM	50	24	22.23	22.18	22.26	
20	16QAM	50	50	22.20	22.15	22.23	
20	16QAM	100	0	22.26	22.22	22.27	23
20	64QAM	1	0	21.95	21.92	21.97	
20	64QAM	1	49	21.91	21.87	21.94	
20	64QAM	1	99	21.86	21.80	21.88	22
20	64QAM	50	0	21.30	21.25	21.32	
20	64QAM	50	24	21.27	21.22	21.29	
20	64QAM	50	50	21.24	21.19	21.26	20
20	64QAM	100	0	21.23	21.19	21.26	
20	256QAM	1	0	19.12	19.14	19.14	
20	256QAM	1	49	18.92	18.96	18.86	20
20	256QAM	1	99	18.77	18.88	18.88	
20	256QAM	50	0	19.18	19.25	19.22	
20	256QAM	50	24	19.11	19.22	19.16	20
20	256QAM	50	50	19.09	19.16	19.14	
20	256QAM	100	0	19.14	19.16	19.10	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.11	24.07	24.09	
15	QPSK	1	37	24.19	24.08	24.24	25
15	QPSK	1	74	24.16	24.14	24.13	
15	QPSK	36	0	23.25	23.15	23.21	
15	QPSK	36	20	23.18	23.11	23.31	24
15	QPSK	36	39	23.09	23.05	23.05	
15	QPSK	75	0	23.08	23.14	23.21	
15	16QAM	1	0	23.35	23.32	23.29	24
15	16QAM	1	37	23.16	23.13	23.22	
15	16QAM	1	74	23.13	23.14	23.21	
15	16QAM	36	0	22.05	22.14	22.17	23
15	16QAM	36	20	22.09	22.02	22.23	
15	16QAM	36	39	22.20	22.05	22.10	
15	16QAM	75	0	22.09	22.02	22.14	23
15	64QAM	1	0	21.85	21.74	21.86	
15	64QAM	1	37	21.77	21.68	21.86	
15	64QAM	1	74	21.66	21.71	21.85	22
15	64QAM	36	0	21.29	21.05	21.28	
15	64QAM	36	20	21.07	21.14	21.20	
15	64QAM	36	39	21.09	21.03	21.14	20
15	64QAM	75	0	21.05	21.07	21.08	
15	256QAM	1	0	18.93	19.02	19.04	
15	256QAM	1	37	18.82	18.83	18.81	20
15	256QAM	1	74	18.61	18.88	18.79	
15	256QAM	36	0	19.05	19.23	19.08	
15	256QAM	36	20	19.09	19.11	19.02	20
15	256QAM	36	39	19.02	19.00	18.94	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.97	19.08	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.10	24.14	24.17	25
10	QPSK	1	25	24.11	24.11	24.15	
10	QPSK	1	49	24.21	23.99	24.07	
10	QPSK	25	0	23.30	23.12	23.33	24
10	QPSK	25	12	23.07	23.02	23.21	
10	QPSK	25	25	23.12	23.01	23.12	
10	QPSK	50	0	23.05	23.11	23.10	24
10	16QAM	1	0	23.33	23.21	23.24	
10	16QAM	1	25	23.19	23.23	23.30	
10	16QAM	1	49	23.07	22.97	23.22	23
10	16QAM	25	0	22.24	22.12	22.22	
10	16QAM	25	12	22.07	22.04	22.06	
10	16QAM	25	25	22.02	22.09	22.03	23
10	16QAM	50	0	22.21	22.07	22.13	
10	64QAM	1	0	21.81	21.72	21.77	
10	64QAM	1	25	21.78	21.75	21.93	23
10	64QAM	1	49	21.68	21.65	21.80	
10	64QAM	25	0	21.17	21.12	21.18	
10	64QAM	25	12	21.23	21.11	21.25	22
10	64QAM	25	25	21.22	21.16	21.20	
10	64QAM	50	0	21.16	21.12	21.16	
10	256QAM	1	0	18.99	19.07	19.13	20
10	256QAM	1	25	18.80	18.93	18.83	
10	256QAM	1	49	18.71	18.69	18.86	
10	256QAM	25	0	19.00	19.25	19.11	20
10	256QAM	25	12	19.06	19.08	19.15	
10	256QAM	25	25	19.03	19.05	19.08	
10	256QAM	50	0	19.13	19.00	19.07	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.25	24.16	24.27	25
5	QPSK	1	12	24.25	24.06	24.13	
5	QPSK	1	24	24.20	23.98	24.14	
5	QPSK	12	0	23.14	23.11	23.25	24
5	QPSK	12	7	23.07	23.18	23.13	
5	QPSK	12	13	23.12	22.96	23.17	
5	QPSK	25	0	23.17	23.03	23.23	24
5	16QAM	1	0	23.37	23.17	23.21	
5	16QAM	1	12	23.19	23.20	23.19	
5	16QAM	1	24	23.20	23.04	23.26	23
5	16QAM	12	0	22.09	22.03	22.16	
5	16QAM	12	7	22.13	22.08	22.18	
5	16QAM	12	13	22.03	22.02	22.03	23
5	16QAM	25	0	22.18	22.12	22.13	
5	64QAM	1	0	21.85	21.87	21.77	
5	64QAM	1	12	21.82	21.78	21.88	23
5	64QAM	1	24	21.86	21.74	21.75	
5	64QAM	12	0	21.26	21.05	21.32	
5	64QAM	12	7	21.24	21.03	21.26	22
5	64QAM	12	13	21.21	21.15	21.23	
5	64QAM	25	0	21.08	21.16	21.08	
5	256QAM	1	0	19.11	19.09	19.05	20
5	256QAM	1	12	18.80	18.87	18.69	
5	256QAM	1	24	18.77	18.77	18.70	
5	256QAM	12	0	19.01	19.19	19.05	20
5	256QAM	12	7	18.96	19.15	19.01	
5	256QAM	12	13	18.92	19.10	18.99	
5	256QAM	25	0	18.96	19.14	19.09	



<LTE Band 38_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.82	22.90	22.96	
20	QPSK	1	49	22.84	22.92	22.93	24.2
20	QPSK	1	99	22.79	22.83	22.92	
20	QPSK	50	0	22.69	22.80	22.94	
20	QPSK	50	24	22.73	22.86	22.88	24
20	QPSK	50	50	22.67	22.64	22.87	
20	QPSK	100	0	22.72	22.78	22.88	
20	16QAM	1	0	22.83	22.87	22.91	24
20	16QAM	1	49	22.89	22.94	22.90	
20	16QAM	1	99	22.73	22.72	22.90	
20	16QAM	50	0	22.32	22.49	22.63	23
20	16QAM	50	24	22.28	22.47	22.54	
20	16QAM	50	50	22.23	22.46	22.44	
20	16QAM	100	0	22.37	22.37	22.54	23
20	64QAM	1	0	22.02	22.18	22.33	
20	64QAM	1	49	22.26	22.31	22.39	
20	64QAM	1	99	21.94	22.02	22.05	22
20	64QAM	50	0	21.36	21.53	21.54	
20	64QAM	50	24	21.31	21.39	21.52	
20	64QAM	50	50	21.36	21.36	21.40	20
20	64QAM	100	0	21.33	21.43	21.55	
20	256QAM	1	0	18.73	18.88	18.99	
20	256QAM	1	49	18.77	18.80	18.99	20
20	256QAM	1	99	18.55	18.86	18.96	
20	256QAM	50	0	18.99	19.07	19.21	20
20	256QAM	50	24	18.93	19.06	19.10	
20	256QAM	50	50	18.93	19.09	18.99	
20	256QAM	100	0	18.90	19.08	19.18	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.65	22.78	22.91	
15	QPSK	1	37	22.70	22.81	22.85	24.2
15	QPSK	1	74	22.72	22.59	22.83	
15	QPSK	36	0	22.60	22.61	22.71	
15	QPSK	36	20	22.55	22.62	22.71	24
15	QPSK	36	39	22.46	22.57	22.63	
15	QPSK	75	0	22.64	22.65	22.66	
15	16QAM	1	0	22.75	22.68	22.86	24
15	16QAM	1	37	22.74	22.86	22.76	
15	16QAM	1	74	22.65	22.67	22.82	
15	16QAM	36	0	22.27	22.37	22.50	23
15	16QAM	36	20	22.14	22.32	22.46	
15	16QAM	36	39	22.17	22.30	22.22	
15	16QAM	75	0	22.32	22.16	22.30	23
15	64QAM	1	0	21.95	22.05	22.25	
15	64QAM	1	37	22.16	22.09	22.17	
15	64QAM	1	74	21.80	21.83	21.91	22
15	64QAM	36	0	21.12	21.34	21.32	
15	64QAM	36	20	21.10	21.33	21.42	
15	64QAM	36	39	21.18	21.14	21.28	20
15	64QAM	75	0	21.10	21.20	21.31	
15	256QAM	1	0	18.66	18.72	18.81	
15	256QAM	1	37	18.56	18.74	18.90	20
15	256QAM	1	74	18.35	18.69	18.75	
15	256QAM	36	0	18.75	18.87	18.96	
15	256QAM	36	20	18.78	18.93	18.91	20
15	256QAM	36	39	18.69	18.90	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.71	18.99	19.11	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.57	22.72	22.87	24.2
10	QPSK	1	25	22.79	22.78	22.86	
10	QPSK	1	49	22.67	22.61	22.79	
10	QPSK	25	0	22.51	22.69	22.70	24
10	QPSK	25	12	22.60	22.69	22.83	
10	QPSK	25	25	22.54	22.40	22.73	
10	QPSK	50	0	22.58	22.55	22.73	
10	16QAM	1	0	22.73	22.74	22.68	24
10	16QAM	1	25	22.69	22.83	22.65	
10	16QAM	1	49	22.63	22.65	22.69	
10	16QAM	25	0	22.21	22.28	22.40	23
10	16QAM	25	12	22.21	22.25	22.35	
10	16QAM	25	25	22.18	22.24	22.29	
10	16QAM	50	0	22.24	22.15	22.41	
10	64QAM	1	0	21.97	22.04	22.25	23
10	64QAM	1	25	22.12	22.08	22.29	
10	64QAM	1	49	21.85	21.90	21.99	
10	64QAM	25	0	21.30	21.31	21.42	22
10	64QAM	25	12	21.11	21.18	21.31	
10	64QAM	25	25	21.20	21.13	21.15	
10	64QAM	50	0	21.22	21.35	21.30	
10	256QAM	1	0	18.54	18.80	18.75	20
10	256QAM	1	25	18.70	18.70	18.89	
10	256QAM	1	49	18.30	18.78	18.78	
10	256QAM	25	0	18.93	18.85	19.13	
10	256QAM	25	12	18.69	18.88	18.87	20
10	256QAM	25	25	18.76	18.91	18.90	
10	256QAM	50	0	18.65	18.86	18.98	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.57	22.85	22.77	24.2
5	QPSK	1	12	22.77	22.67	22.79	
5	QPSK	1	24	22.66	22.64	22.79	
5	QPSK	12	0	22.47	22.64	22.77	24
5	QPSK	12	7	22.65	22.71	22.83	
5	QPSK	12	13	22.54	22.45	22.77	
5	QPSK	25	0	22.53	22.72	22.68	
5	16QAM	1	0	22.76	22.71	22.78	24
5	16QAM	1	12	22.65	22.75	22.83	
5	16QAM	1	24	22.52	22.55	22.72	
5	16QAM	12	0	22.12	22.37	22.53	23
5	16QAM	12	7	22.20	22.29	22.44	
5	16QAM	12	13	22.13	22.38	22.24	
5	16QAM	25	0	22.19	22.29	22.37	
5	64QAM	1	0	21.82	21.97	22.28	23
5	64QAM	1	12	22.20	22.16	22.33	
5	64QAM	1	24	21.69	21.81	21.82	
5	64QAM	12	0	21.23	21.31	21.30	22
5	64QAM	12	7	21.21	21.21	21.27	
5	64QAM	12	13	21.28	21.19	21.32	
5	64QAM	25	0	21.25	21.38	21.39	
5	256QAM	1	0	18.58	18.69	18.84	20
5	256QAM	1	12	18.66	18.59	18.77	
5	256QAM	1	24	18.39	18.77	18.81	
5	256QAM	12	0	18.88	18.86	19.08	20
5	256QAM	12	7	18.88	18.92	19.05	
5	256QAM	12	13	18.75	18.94	18.90	
5	256QAM	25	0	18.79	18.83	19.13	



<LTE Band 38_Ant 0_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.23	24.18	24.29	
20	QPSK	1	49	24.24	24.16	24.14	25
20	QPSK	1	99	24.10	24.00	24.05	
20	QPSK	50	0	23.22	23.12	23.24	
20	QPSK	50	24	23.18	23.07	23.17	24
20	QPSK	50	50	23.15	23.04	23.10	
20	QPSK	100	0	23.16	23.10	23.17	
20	16QAM	1	0	23.33	23.29	23.37	24
20	16QAM	1	49	23.25	23.15	23.22	
20	16QAM	1	99	23.18	23.04	23.10	
20	16QAM	50	0	22.23	22.17	22.25	23
20	16QAM	50	24	22.21	22.14	22.20	
20	16QAM	50	50	22.16	22.06	22.12	
20	16QAM	100	0	22.18	22.11	22.18	23
20	64QAM	1	0	21.91	21.86	21.93	
20	64QAM	1	49	21.87	21.80	21.86	
20	64QAM	1	99	21.74	21.63	21.72	22
20	64QAM	50	0	21.21	21.13	21.20	
20	64QAM	50	24	21.15	21.06	21.14	
20	64QAM	50	50	21.10	21.00	21.08	20
20	64QAM	100	0	21.15	21.09	21.13	
20	256QAM	1	0	18.93	19.01	19.06	
20	256QAM	1	49	18.94	18.91	18.77	20
20	256QAM	1	99	18.83	18.77	18.72	
20	256QAM	50	0	19.07	19.16	19.19	
20	256QAM	50	24	19.09	19.02	19.03	20
20	256QAM	50	50	19.18	19.15	18.97	
20	256QAM	100	0	19.06	18.98	19.09	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.03	24.08	24.14	
15	QPSK	1	37	24.19	24.12	24.09	25
15	QPSK	1	74	23.99	23.90	23.97	
15	QPSK	36	0	23.10	22.96	23.13	
15	QPSK	36	20	22.99	22.99	23.12	24
15	QPSK	36	39	22.98	22.90	22.97	
15	QPSK	75	0	23.03	22.93	23.17	
15	16QAM	1	0	23.27	23.27	23.35	24
15	16QAM	1	37	23.08	23.07	23.06	
15	16QAM	1	74	23.18	23.03	23.04	
15	16QAM	36	0	22.19	22.00	22.15	23
15	16QAM	36	20	22.04	21.99	22.05	
15	16QAM	36	39	22.05	21.86	22.09	
15	16QAM	75	0	22.03	22.01	22.02	23
15	64QAM	1	0	21.81	21.70	21.86	
15	64QAM	1	37	21.77	21.66	21.81	
15	64QAM	1	74	21.74	21.48	21.63	22
15	64QAM	36	0	21.01	21.13	21.01	
15	64QAM	36	20	21.11	20.94	21.05	
15	64QAM	36	39	21.04	20.84	21.07	20
15	64QAM	75	0	21.07	20.98	21.01	
15	256QAM	1	0	18.79	18.81	19.06	
15	256QAM	1	37	18.93	18.91	18.77	20
15	256QAM	1	74	18.83	18.65	18.64	
15	256QAM	36	0	19.02	19.03	19.03	
15	256QAM	36	20	19.04	18.98	18.98	20
15	256QAM	36	39	19.00	19.10	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.88	18.89	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.21	24.17	24.23	25
10	QPSK	1	25	24.18	24.09	24.05	
10	QPSK	1	49	24.02	23.80	23.96	
10	QPSK	25	0	23.02	23.03	23.12	24
10	QPSK	25	12	23.09	22.89	23.07	
10	QPSK	25	25	23.04	23.02	23.02	
10	QPSK	50	0	22.96	22.96	23.07	24
10	16QAM	1	0	23.27	23.20	23.27	
10	16QAM	1	25	23.16	23.06	23.16	
10	16QAM	1	49	23.11	22.84	22.96	23
10	16QAM	25	0	22.19	22.08	22.17	
10	16QAM	25	12	22.04	21.96	22.13	
10	16QAM	25	25	22.13	22.04	22.05	23
10	16QAM	50	0	22.14	21.93	22.12	
10	64QAM	1	0	21.74	21.73	21.82	
10	64QAM	1	25	21.79	21.68	21.74	23
10	64QAM	1	49	21.71	21.62	21.64	
10	64QAM	25	0	21.15	20.95	21.17	22
10	64QAM	25	12	21.08	20.94	21.03	
10	64QAM	25	25	21.10	20.90	21.05	
10	64QAM	50	0	21.10	21.08	20.98	20
10	256QAM	1	0	18.79	18.85	18.87	
10	256QAM	1	25	18.75	18.78	18.63	
10	256QAM	1	49	18.71	18.74	18.66	20
10	256QAM	25	0	18.95	19.11	19.15	
10	256QAM	25	12	19.06	18.91	18.95	
10	256QAM	25	25	19.02	18.96	18.78	20
10	256QAM	50	0	18.92	18.84	18.96	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.14	23.98	24.22	25
5	QPSK	1	12	24.09	24.07	24.10	
5	QPSK	1	24	24.02	23.96	23.91	
5	QPSK	12	0	23.14	22.95	23.04	24
5	QPSK	12	7	23.10	22.96	23.07	
5	QPSK	12	13	22.96	22.89	22.90	
5	QPSK	25	0	22.99	22.95	22.98	24
5	16QAM	1	0	23.19	23.09	23.36	
5	16QAM	1	12	23.19	23.12	23.21	
5	16QAM	1	24	22.98	22.87	23.10	23
5	16QAM	12	0	22.09	22.17	22.25	
5	16QAM	12	7	22.15	22.04	22.16	
5	16QAM	12	13	22.15	21.96	21.94	23
5	16QAM	25	0	22.13	22.01	22.01	
5	64QAM	1	0	21.87	21.82	21.85	
5	64QAM	1	12	21.84	21.74	21.73	23
5	64QAM	1	24	21.74	21.48	21.71	
5	64QAM	12	0	21.02	20.98	21.09	22
5	64QAM	12	7	21.01	20.89	20.99	
5	64QAM	12	13	21.01	20.95	20.88	
5	64QAM	25	0	20.99	20.94	21.10	20
5	256QAM	1	0	18.77	18.86	18.98	
5	256QAM	1	12	18.74	18.78	18.68	
5	256QAM	1	24	18.68	18.70	18.71	20
5	256QAM	12	0	19.07	19.16	19.00	
5	256QAM	12	7	19.03	18.99	18.85	
5	256QAM	12	13	19.09	19.01	18.97	20
5	256QAM	25	0	18.98	18.94	19.04	

**<LTE Band 38_Ant 5_Index 2>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	24.9
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	24.9
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	22
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	
15	64QAM	36	20	20.69	20.77	20.95	20
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	
15	256QAM	1	0	18.67	18.73	18.68	20
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	
15	256QAM	36	0	18.71	18.76	18.81	20
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	24.9
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	24.9
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	



<LTE Band 38_HPUE_Ant 2_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.05	26.01	26.08	
20	QPSK	1	49	25.92	25.87	25.93	26.9
20	QPSK	1	99	25.91	25.87	25.91	
20	QPSK	50	0	25.17	25.12	25.16	
20	QPSK	50	24	25.12	25.05	25.11	25.9
20	QPSK	50	50	25.06	25.01	25.07	
20	QPSK	100	0	25.10	25.03	25.10	
20	16QAM	1	0	25.38	25.36	25.44	25.9
20	16QAM	1	49	25.24	25.22	25.30	
20	16QAM	1	99	25.25	25.23	25.28	
20	16QAM	50	0	24.17	24.12	24.20	24.9
20	16QAM	50	24	24.14	24.08	24.15	
20	16QAM	50	50	24.08	24.04	24.11	
20	16QAM	100	0	24.12	24.07	24.13	24.9
20	64QAM	1	0	24.15	24.12	24.20	
20	64QAM	1	49	24.01	23.99	24.07	
20	64QAM	1	99	23.99	23.98	24.03	23.9
20	64QAM	50	0	23.09	23.06	23.12	
20	64QAM	50	24	23.03	23.00	23.07	
20	64QAM	50	50	23.01	22.97	23.04	21.9
20	64QAM	100	0	23.04	22.99	23.07	
20	256QAM	1	0	21.15	21.09	21.18	
20	256QAM	1	49	21.00	20.96	21.01	21.9
20	256QAM	1	99	20.93	20.90	20.91	
20	256QAM	50	0	21.11	21.15	21.21	
20	256QAM	50	24	21.12	21.11	21.20	21.9
20	256QAM	50	50	21.04	21.04	21.05	
20	256QAM	100	0	21.02	21.06	21.07	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.04	25.87	25.92	
15	QPSK	1	37	25.76	25.85	25.77	26.9
15	QPSK	1	74	25.88	25.67	25.89	
15	QPSK	36	0	25.15	25.08	25.16	
15	QPSK	36	20	25.02	24.86	25.00	25.9
15	QPSK	36	39	25.00	25.01	25.00	
15	QPSK	75	0	25.01	24.95	25.06	
15	16QAM	1	0	25.24	25.29	25.34	25.9
15	16QAM	1	37	25.06	25.09	25.14	
15	16QAM	1	74	25.25	25.19	25.28	
15	16QAM	36	0	24.17	24.05	24.05	24.9
15	16QAM	36	20	24.11	23.89	24.04	
15	16QAM	36	39	24.02	23.90	24.10	
15	16QAM	75	0	24.00	23.88	24.07	24.9
15	64QAM	1	0	23.95	24.04	24.07	
15	64QAM	1	37	23.94	23.95	24.04	
15	64QAM	1	74	23.93	23.85	23.93	23.9
15	64QAM	36	0	23.02	22.96	23.09	
15	64QAM	36	20	22.97	22.80	23.04	
15	64QAM	36	39	22.82	22.78	22.93	21.9
15	64QAM	75	0	22.93	22.81	22.98	
15	256QAM	1	0	21.10	21.00	21.13	
15	256QAM	1	37	20.91	20.92	21.01	21.9
15	256QAM	1	74	20.90	20.85	20.87	
15	256QAM	36	0	21.10	21.07	21.05	
15	256QAM	36	20	21.00	21.03	21.18	21.9
15	256QAM	36	39	20.84	20.85	20.87	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.89	20.92	20.87	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.92	25.95	26.05	26.9
10	QPSK	1	25	25.73	25.76	25.80	
10	QPSK	1	49	25.74	25.74	25.81	
10	QPSK	25	0	25.14	24.95	25.02	25.9
10	QPSK	25	12	24.94	24.94	24.91	
10	QPSK	25	25	24.97	24.99	25.05	
10	QPSK	50	0	24.93	24.85	24.98	25.9
10	16QAM	1	0	25.34	25.31	25.25	
10	16QAM	1	25	25.08	25.17	25.24	
10	16QAM	1	49	25.19	25.14	25.22	24.9
10	16QAM	25	0	24.17	23.94	24.17	
10	16QAM	25	12	24.03	24.04	24.06	
10	16QAM	25	25	24.01	24.00	23.95	24.9
10	16QAM	50	0	24.04	23.99	23.97	
10	64QAM	1	0	24.04	23.93	24.14	
10	64QAM	1	25	23.99	23.91	23.97	24.9
10	64QAM	1	49	23.96	23.81	24.02	
10	64QAM	25	0	23.05	22.89	22.93	
10	64QAM	25	12	22.91	22.97	22.92	23.9
10	64QAM	25	25	22.98	22.81	22.88	
10	64QAM	50	0	22.92	22.86	23.02	
10	256QAM	1	0	20.96	20.99	21.00	21.9
10	256QAM	1	25	20.90	20.86	21.01	
10	256QAM	1	49	20.82	20.70	20.83	
10	256QAM	25	0	21.09	21.06	21.07	21.9
10	256QAM	25	12	21.02	21.04	21.09	
10	256QAM	25	25	20.87	20.86	20.85	
10	256QAM	50	0	20.87	21.04	20.95	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	25.98	25.94	26.9
5	QPSK	1	12	25.79	25.79	25.75	
5	QPSK	1	24	25.72	25.76	25.91	
5	QPSK	12	0	25.11	24.97	25.12	25.9
5	QPSK	12	7	24.95	24.86	25.09	
5	QPSK	12	13	24.86	25.00	24.89	
5	QPSK	25	0	25.08	24.94	25.00	25.9
5	16QAM	1	0	25.26	25.22	25.25	
5	16QAM	1	12	25.05	25.14	25.18	
5	16QAM	1	24	25.17	25.07	25.17	24.9
5	16QAM	12	0	24.10	24.12	24.02	
5	16QAM	12	7	24.10	23.89	23.97	
5	16QAM	12	13	23.94	24.04	23.96	24.9
5	16QAM	25	0	24.04	23.97	23.99	
5	64QAM	1	0	24.03	23.93	24.13	
5	64QAM	1	12	23.92	23.94	24.02	23.9
5	64QAM	1	24	23.84	23.84	23.88	
5	64QAM	12	0	23.09	22.88	23.00	
5	64QAM	12	7	22.97	22.83	22.91	21.9
5	64QAM	12	13	22.99	22.80	22.92	
5	64QAM	25	0	22.90	22.92	23.01	
5	256QAM	1	0	21.02	21.08	21.10	21.9
5	256QAM	1	12	20.97	20.79	20.85	
5	256QAM	1	24	20.77	20.70	20.91	
5	256QAM	12	0	21.10	21.04	21.05	21.9
5	256QAM	12	7	21.06	21.04	21.20	
5	256QAM	12	13	20.92	20.85	20.92	
5	256QAM	25	0	20.98	21.00	21.03	



<LTE Band 38_HPUE_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.36	24.47	24.56	
20	QPSK	1	49	24.47	24.06	24.47	25.8
20	QPSK	1	99	24.31	24.37	24.38	
20	QPSK	50	0	24.02	24.09	24.02	
20	QPSK	50	24	24.05	24.01	24.05	25.8
20	QPSK	50	50	24.03	24.07	24.05	
20	QPSK	100	0	24.10	24.07	24.10	
20	16QAM	1	0	24.00	24.00	24.03	25.8
20	16QAM	1	49	24.04	24.04	24.07	
20	16QAM	1	99	24.02	24.03	24.09	
20	16QAM	50	0	23.03	23.06	23.05	24.9
20	16QAM	50	24	23.10	23.10	23.09	
20	16QAM	50	50	23.02	23.05	23.10	
20	16QAM	100	0	23.07	23.05	23.09	24.9
20	64QAM	1	0	23.04	23.06	23.09	
20	64QAM	1	49	23.09	23.07	23.03	
20	64QAM	1	99	23.02	23.02	23.02	23.9
20	64QAM	50	0	22.04	22.09	22.10	
20	64QAM	50	24	22.01	22.05	22.07	
20	64QAM	50	50	22.05	22.08	22.00	21.9
20	64QAM	100	0	22.05	22.05	22.06	
20	256QAM	1	0	20.99	21.17	21.36	
20	256QAM	1	49	20.82	21.12	21.09	21.9
20	256QAM	1	99	20.86	21.02	20.97	
20	256QAM	50	0	21.05	21.23	21.25	
20	256QAM	50	24	21.00	21.28	21.15	21.9
20	256QAM	50	50	20.96	21.10	21.20	
20	256QAM	100	0	20.85	21.23	21.15	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.13	24.22	24.48	
15	QPSK	1	37	24.37	23.85	24.32	25.8
15	QPSK	1	74	24.10	24.18	24.32	
15	QPSK	36	0	24.08	24.03	24.07	
15	QPSK	36	20	24.03	24.04	24.03	25.8
15	QPSK	36	39	24.03	24.01	24.08	
15	QPSK	75	0	24.01	24.02	24.00	
15	16QAM	1	0	24.04	24.08	24.03	25.8
15	16QAM	1	37	24.08	24.04	24.06	
15	16QAM	1	74	24.06	24.05	24.08	
15	16QAM	36	0	23.06	23.05	23.05	24.9
15	16QAM	36	20	23.06	23.05	23.00	
15	16QAM	36	39	23.10	23.02	23.08	
15	16QAM	75	0	23.08	23.00	23.01	24.9
15	64QAM	1	0	23.01	23.06	23.02	
15	64QAM	1	37	23.03	23.08	23.01	
15	64QAM	1	74	23.09	23.02	23.09	23.9
15	64QAM	36	0	22.00	22.10	22.04	
15	64QAM	36	20	22.00	22.02	22.09	
15	64QAM	36	39	22.09	22.01	22.03	21.9
15	64QAM	75	0	22.08	22.07	22.10	
15	256QAM	1	0	20.84	20.96	21.15	
15	256QAM	1	37	20.61	20.94	20.89	21.9
15	256QAM	1	74	20.80	20.80	20.80	
15	256QAM	36	0	20.95	21.00	21.01	
15	256QAM	36	20	20.94	21.14	20.94	21.9
15	256QAM	36	39	20.82	21.02	21.04	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.71	21.14	20.93	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.20	24.36	24.37	25.8
10	QPSK	1	25	24.26	24.00	24.23	
10	QPSK	1	49	24.25	24.26	24.24	
10	QPSK	25	0	24.10	24.02	24.10	25.8
10	QPSK	25	12	24.06	24.02	24.05	
10	QPSK	25	25	24.06	24.05	24.00	
10	QPSK	50	0	24.02	24.07	24.08	
10	16QAM	1	0	24.02	24.04	24.08	25.8
10	16QAM	1	25	24.06	24.06	24.04	
10	16QAM	1	49	24.01	24.07	24.06	
10	16QAM	25	0	23.05	23.07	23.01	24.9
10	16QAM	25	12	23.07	23.07	23.01	
10	16QAM	25	25	23.00	23.10	23.08	
10	16QAM	50	0	23.01	23.05	23.10	
10	64QAM	1	0	23.05	23.00	23.09	24.9
10	64QAM	1	25	23.07	23.05	23.10	
10	64QAM	1	49	23.03	23.06	23.02	
10	64QAM	25	0	22.05	22.08	22.01	23.9
10	64QAM	25	12	22.04	22.07	22.06	
10	64QAM	25	25	22.06	22.06	22.05	
10	64QAM	50	0	22.00	22.08	22.03	
10	256QAM	1	0	20.76	21.06	21.25	21.9
10	256QAM	1	25	20.70	20.92	21.02	
10	256QAM	1	49	20.61	20.86	20.79	
10	256QAM	25	0	20.94	21.16	21.19	21.9
10	256QAM	25	12	20.82	21.19	20.98	
10	256QAM	25	25	20.71	21.05	21.00	
10	256QAM	50	0	20.65	21.08	21.06	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.19	24.39	24.48	25.8
5	QPSK	1	12	24.36	24.00	24.26	
5	QPSK	1	24	24.26	24.19	24.25	
5	QPSK	12	0	24.09	24.03	24.06	25.8
5	QPSK	12	7	24.09	24.10	24.09	
5	QPSK	12	13	24.09	24.03	24.02	
5	QPSK	25	0	24.02	24.00	24.08	
5	16QAM	1	0	24.05	24.06	24.01	25.8
5	16QAM	1	12	24.07	24.04	24.01	
5	16QAM	1	24	24.08	24.09	24.04	
5	16QAM	12	0	23.06	23.04	23.05	24.9
5	16QAM	12	7	23.02	23.01	23.07	
5	16QAM	12	13	23.10	23.09	23.08	
5	16QAM	25	0	23.05	23.05	23.02	
5	64QAM	1	0	23.08	23.10	23.08	24.9
5	64QAM	1	12	23.04	23.00	23.00	
5	64QAM	1	24	23.03	23.06	23.05	
5	64QAM	12	0	22.06	22.03	22.08	23.9
5	64QAM	12	7	22.06	22.02	22.06	
5	64QAM	12	13	22.10	22.10	22.07	
5	64QAM	25	0	22.04	22.02	22.10	
5	256QAM	1	0	20.89	21.11	21.17	21.9
5	256QAM	1	12	20.76	21.05	20.91	
5	256QAM	1	24	20.65	20.80	20.76	
5	256QAM	12	0	20.93	21.16	21.07	21.9
5	256QAM	12	7	20.80	21.10	21.02	
5	256QAM	12	13	20.75	21.01	21.11	
5	256QAM	25	0	20.66	21.14	20.96	



<LTE Band 38_HPUE_Ant 0_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.13	26.14	26.21	
20	QPSK	1	49	26.02	25.98	26.01	26.9
20	QPSK	1	99	26.01	25.90	25.89	
20	QPSK	50	0	25.19	25.16	25.21	
20	QPSK	50	24	25.15	25.09	25.14	25.9
20	QPSK	50	50	25.10	25.04	25.09	
20	QPSK	100	0	25.13	25.08	25.13	
20	16QAM	1	0	25.38	25.39	25.45	25.9
20	16QAM	1	49	25.31	25.25	25.28	
20	16QAM	1	99	25.26	25.13	25.11	
20	16QAM	50	0	24.19	24.14	24.22	24.9
20	16QAM	50	24	24.21	24.08	24.16	
20	16QAM	50	50	24.15	24.06	24.10	
20	16QAM	100	0	24.18	24.11	24.14	24.9
20	64QAM	1	0	24.18	24.16	24.25	
20	64QAM	1	49	24.11	24.09	24.06	
20	64QAM	1	99	24.07	23.95	23.96	23.9
20	64QAM	50	0	23.16	23.10	23.18	
20	64QAM	50	24	23.12	23.04	23.11	
20	64QAM	50	50	23.10	23.01	23.05	21.9
20	64QAM	100	0	23.14	23.05	23.12	
20	256QAM	1	0	21.14	21.20	21.03	
20	256QAM	1	49	20.96	20.95	20.93	21.9
20	256QAM	1	99	20.76	20.84	20.78	
20	256QAM	50	0	21.20	21.18	21.14	
20	256QAM	50	24	21.02	21.17	20.97	21.9
20	256QAM	50	50	20.84	21.11	21.06	
20	256QAM	100	0	21.07	21.13	20.89	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.03	25.98	26.18	
15	QPSK	1	37	25.96	25.97	25.97	26.9
15	QPSK	1	74	25.98	25.83	25.70	
15	QPSK	36	0	25.02	24.96	25.01	
15	QPSK	36	20	25.07	24.94	25.00	25.9
15	QPSK	36	39	25.07	24.89	24.98	
15	QPSK	75	0	24.94	24.88	25.00	
15	16QAM	1	0	25.26	25.27	25.27	25.9
15	16QAM	1	37	25.18	25.13	25.16	
15	16QAM	1	74	25.21	25.03	25.00	
15	16QAM	36	0	24.01	24.10	24.07	24.9
15	16QAM	36	20	24.12	23.97	24.12	
15	16QAM	36	39	24.09	23.87	24.09	
15	16QAM	75	0	23.99	24.09	23.98	24.9
15	64QAM	1	0	24.12	24.04	24.15	
15	64QAM	1	37	23.98	24.00	23.95	
15	64QAM	1	74	24.07	23.78	23.82	23.9
15	64QAM	36	0	23.02	23.01	23.09	
15	64QAM	36	20	23.06	22.96	22.99	
15	64QAM	36	39	22.97	22.93	23.04	21.9
15	64QAM	75	0	22.95	22.90	22.99	
15	256QAM	1	0	21.06	21.00	20.89	
15	256QAM	1	37	20.79	20.84	20.80	21.9
15	256QAM	1	74	20.68	20.72	20.76	
15	256QAM	36	0	21.10	21.06	20.98	
15	256QAM	36	20	21.00	21.15	20.91	21.9
15	256QAM	36	39	20.75	21.05	20.96	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.93	20.98	20.80	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.94	26.05	26.10	26.9
10	QPSK	1	25	25.90	25.97	25.96	
10	QPSK	1	49	25.99	25.85	25.80	
10	QPSK	25	0	25.00	24.99	25.20	25.9
10	QPSK	25	12	25.09	24.99	25.09	
10	QPSK	25	25	25.02	24.98	25.07	
10	QPSK	50	0	25.05	24.88	25.13	
10	16QAM	1	0	25.19	25.38	25.30	25.9
10	16QAM	1	25	25.31	25.11	25.10	
10	16QAM	1	49	25.17	24.99	25.09	
10	16QAM	25	0	24.02	24.14	24.07	24.9
10	16QAM	25	12	24.07	24.03	23.96	
10	16QAM	25	25	24.09	23.89	23.95	
10	16QAM	50	0	24.18	24.08	23.96	
10	64QAM	1	0	24.09	24.15	24.24	24.9
10	64QAM	1	25	24.04	24.06	23.99	
10	64QAM	1	49	23.95	23.84	23.95	
10	64QAM	25	0	23.12	22.98	22.98	23.9
10	64QAM	25	12	22.98	23.03	22.96	
10	64QAM	25	25	22.97	22.88	22.85	
10	64QAM	50	0	23.06	23.02	22.98	
10	256QAM	1	0	20.98	21.02	20.84	21.9
10	256QAM	1	25	20.87	20.88	20.73	
10	256QAM	1	49	20.62	20.71	20.62	
10	256QAM	25	0	21.14	20.99	21.10	21.9
10	256QAM	25	12	20.99	21.02	20.79	
10	256QAM	25	25	20.80	21.05	20.88	
10	256QAM	50	0	20.96	21.06	20.72	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.06	25.96	26.07	26.9
5	QPSK	1	12	25.96	25.81	25.90	
5	QPSK	1	24	25.88	25.80	25.76	
5	QPSK	12	0	25.16	25.11	25.02	25.9
5	QPSK	12	7	25.01	24.91	25.10	
5	QPSK	12	13	25.00	24.86	25.04	
5	QPSK	25	0	25.08	24.93	25.05	
5	16QAM	1	0	25.34	25.32	25.40	25.9
5	16QAM	1	12	25.12	25.14	25.14	
5	16QAM	1	24	25.11	25.07	24.98	
5	16QAM	12	0	24.11	23.99	24.20	24.9
5	16QAM	12	7	24.13	23.98	24.11	
5	16QAM	12	13	23.97	23.94	23.96	
5	16QAM	25	0	24.05	24.10	24.08	
5	64QAM	1	0	24.11	23.99	24.22	24.9
5	64QAM	1	12	24.02	23.99	23.95	
5	64QAM	1	24	23.99	23.85	23.79	
5	64QAM	12	0	23.01	23.10	23.02	23.9
5	64QAM	12	7	23.11	22.85	22.99	
5	64QAM	12	13	23.10	23.01	22.98	
5	64QAM	25	0	22.95	22.87	22.92	
5	256QAM	1	0	20.96	21.10	20.92	21.9
5	256QAM	1	12	20.83	20.76	20.84	
5	256QAM	1	24	20.66	20.77	20.66	
5	256QAM	12	0	21.12	21.07	20.98	21.9
5	256QAM	12	7	20.87	21.00	20.77	
5	256QAM	12	13	20.81	20.98	20.90	
5	256QAM	25	0	21.00	21.12	20.76	



<LTE Band 38_HPUE_Ant 5_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	26.5
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.9
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.9
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.9
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.9
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.9
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.9
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.9
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	
20	256QAM	50	24	20.61	20.77	20.91	21.9
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	26.5
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	
15	QPSK	36	20	24.69	24.81	24.83	25.9
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	
15	16QAM	1	0	25.02	25.12	25.14	25.9
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	
15	16QAM	36	0	23.75	23.84	23.94	24.9
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	
15	16QAM	75	0	23.85	23.73	23.94	24.9
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	
15	64QAM	1	74	23.72	23.70	23.83	23.9
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	
15	64QAM	36	39	22.74	22.58	22.76	21.9
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	
15	256QAM	1	37	20.67	20.70	20.70	21.9
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	
15	256QAM	36	20	20.61	20.60	20.86	21.9
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	26.5
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.9
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	
10	16QAM	1	0	25.13	25.05	25.12	25.9
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	
10	16QAM	25	0	23.82	23.73	24.01	24.9
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	24.9
10	64QAM	1	25	23.87	23.72	23.96	
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.9
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	
10	256QAM	1	0	20.51	20.65	20.78	21.9
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	
10	256QAM	25	0	20.67	20.56	20.73	21.9
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	26.5
5	QPSK	1	12	25.62	25.69	25.81	
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.9
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	
5	16QAM	1	0	25.15	25.14	25.11	25.9
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	
5	16QAM	12	0	23.74	23.81	23.85	24.9
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	24.9
5	64QAM	1	12	23.70	23.66	23.84	
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	23.9
5	64QAM	12	7	22.82	22.67	22.93	
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.9
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.9
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	



<LTE Band 38_Ant 2_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.27	24.21	24.28	
20	QPSK	1	49	24.25	24.19	24.26	25
20	QPSK	1	99	24.22	24.15	24.23	
20	QPSK	50	0	23.31	23.25	23.33	
20	QPSK	50	24	23.23	23.19	23.31	24
20	QPSK	50	50	23.20	23.15	23.22	
20	QPSK	100	0	23.24	23.19	23.25	
20	16QAM	1	0	23.37	23.32	23.40	24
20	16QAM	1	49	23.34	23.29	23.39	
20	16QAM	1	99	23.20	23.16	23.26	
20	16QAM	50	0	22.25	22.21	22.28	23
20	16QAM	50	24	22.23	22.18	22.26	
20	16QAM	50	50	22.20	22.15	22.23	
20	16QAM	100	0	22.26	22.22	22.27	23
20	64QAM	1	0	21.95	21.92	21.97	
20	64QAM	1	49	21.91	21.87	21.94	
20	64QAM	1	99	21.86	21.80	21.88	22
20	64QAM	50	0	21.30	21.25	21.32	
20	64QAM	50	24	21.27	21.22	21.29	
20	64QAM	50	50	21.24	21.19	21.26	20
20	64QAM	100	0	21.23	21.19	21.26	
20	256QAM	1	0	19.12	19.14	19.14	
20	256QAM	1	49	18.92	18.96	18.86	20
20	256QAM	1	99	18.77	18.88	18.88	
20	256QAM	50	0	19.18	19.25	19.22	
20	256QAM	50	24	19.11	19.22	19.16	20
20	256QAM	50	50	19.09	19.16	19.14	
20	256QAM	100	0	19.14	19.16	19.10	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.11	24.07	24.09	
15	QPSK	1	37	24.19	24.08	24.24	25
15	QPSK	1	74	24.16	24.14	24.13	
15	QPSK	36	0	23.25	23.15	23.21	
15	QPSK	36	20	23.18	23.11	23.31	24
15	QPSK	36	39	23.09	23.05	23.05	
15	QPSK	75	0	23.08	23.14	23.21	
15	16QAM	1	0	23.35	23.32	23.29	24
15	16QAM	1	37	23.16	23.13	23.22	
15	16QAM	1	74	23.13	23.14	23.21	
15	16QAM	36	0	22.05	22.14	22.17	23
15	16QAM	36	20	22.09	22.02	22.23	
15	16QAM	36	39	22.20	22.05	22.10	
15	16QAM	75	0	22.09	22.02	22.14	23
15	64QAM	1	0	21.85	21.74	21.86	
15	64QAM	1	37	21.77	21.68	21.86	
15	64QAM	1	74	21.66	21.71	21.85	22
15	64QAM	36	0	21.29	21.05	21.28	
15	64QAM	36	20	21.07	21.14	21.20	
15	64QAM	36	39	21.09	21.03	21.14	20
15	64QAM	75	0	21.05	21.07	21.08	
15	256QAM	1	0	18.93	19.02	19.04	
15	256QAM	1	37	18.82	18.83	18.81	20
15	256QAM	1	74	18.61	18.88	18.79	
15	256QAM	36	0	19.05	19.23	19.08	
15	256QAM	36	20	19.09	19.11	19.02	20
15	256QAM	36	39	19.02	19.00	18.94	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.97	19.08	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.10	24.14	24.17	25
10	QPSK	1	25	24.11	24.11	24.15	
10	QPSK	1	49	24.21	23.99	24.07	
10	QPSK	25	0	23.30	23.12	23.33	24
10	QPSK	25	12	23.07	23.02	23.21	
10	QPSK	25	25	23.12	23.01	23.12	
10	QPSK	50	0	23.05	23.11	23.10	24
10	16QAM	1	0	23.33	23.21	23.24	
10	16QAM	1	25	23.19	23.23	23.30	
10	16QAM	1	49	23.07	22.97	23.22	23
10	16QAM	25	0	22.24	22.12	22.22	
10	16QAM	25	12	22.07	22.04	22.06	
10	16QAM	25	25	22.02	22.09	22.03	23
10	16QAM	50	0	22.21	22.07	22.13	
10	64QAM	1	0	21.81	21.72	21.77	
10	64QAM	1	25	21.78	21.75	21.93	23
10	64QAM	1	49	21.68	21.65	21.80	
10	64QAM	25	0	21.17	21.12	21.18	22
10	64QAM	25	12	21.23	21.11	21.25	
10	64QAM	25	25	21.22	21.16	21.20	
10	64QAM	50	0	21.16	21.12	21.16	20
10	256QAM	1	0	18.99	19.07	19.13	
10	256QAM	1	25	18.80	18.93	18.83	
10	256QAM	1	49	18.71	18.69	18.86	20
10	256QAM	25	0	19.00	19.25	19.11	
10	256QAM	25	12	19.06	19.08	19.15	
10	256QAM	25	25	19.03	19.05	19.08	20
10	256QAM	50	0	19.13	19.00	19.07	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.25	24.16	24.27	25
5	QPSK	1	12	24.25	24.06	24.13	
5	QPSK	1	24	24.20	23.98	24.14	
5	QPSK	12	0	23.14	23.11	23.25	24
5	QPSK	12	7	23.07	23.18	23.13	
5	QPSK	12	13	23.12	22.96	23.17	
5	QPSK	25	0	23.17	23.03	23.23	24
5	16QAM	1	0	23.37	23.17	23.21	
5	16QAM	1	12	23.19	23.20	23.19	
5	16QAM	1	24	23.20	23.04	23.26	23
5	16QAM	12	0	22.09	22.03	22.16	
5	16QAM	12	7	22.13	22.08	22.18	
5	16QAM	12	13	22.03	22.02	22.03	23
5	16QAM	25	0	22.18	22.12	22.13	
5	64QAM	1	0	21.85	21.87	21.77	
5	64QAM	1	12	21.82	21.78	21.88	23
5	64QAM	1	24	21.86	21.74	21.75	
5	64QAM	12	0	21.26	21.05	21.32	22
5	64QAM	12	7	21.24	21.03	21.26	
5	64QAM	12	13	21.21	21.15	21.23	
5	64QAM	25	0	21.08	21.16	21.08	20
5	256QAM	1	0	19.11	19.09	19.05	
5	256QAM	1	12	18.80	18.87	18.69	
5	256QAM	1	24	18.77	18.77	18.70	20
5	256QAM	12	0	19.01	19.19	19.05	
5	256QAM	12	7	18.96	19.15	19.01	
5	256QAM	12	13	18.92	19.10	18.99	20
5	256QAM	25	0	18.96	19.14	19.09	



<LTE Band 38_Ant 1_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.82	22.90	22.96	
20	QPSK	1	49	22.84	22.92	22.93	23.5
20	QPSK	1	99	22.79	22.83	22.92	
20	QPSK	50	0	22.69	22.80	22.94	
20	QPSK	50	24	22.73	22.86	22.88	23.5
20	QPSK	50	50	22.67	22.64	22.87	
20	QPSK	100	0	22.72	22.78	22.88	
20	16QAM	1	0	22.83	22.87	22.91	23.5
20	16QAM	1	49	22.89	22.94	22.90	
20	16QAM	1	99	22.73	22.72	22.90	
20	16QAM	50	0	22.32	22.49	22.63	23
20	16QAM	50	24	22.28	22.47	22.54	
20	16QAM	50	50	22.23	22.46	22.44	
20	16QAM	100	0	22.37	22.37	22.54	23
20	64QAM	1	0	22.02	22.18	22.33	
20	64QAM	1	49	22.26	22.31	22.39	
20	64QAM	1	99	21.94	22.02	22.05	22
20	64QAM	50	0	21.36	21.53	21.54	
20	64QAM	50	24	21.31	21.39	21.52	
20	64QAM	50	50	21.36	21.36	21.40	20
20	64QAM	100	0	21.33	21.43	21.55	
20	256QAM	1	0	18.73	18.88	18.99	
20	256QAM	1	49	18.77	18.80	18.99	20
20	256QAM	1	99	18.55	18.86	18.96	
20	256QAM	50	0	18.99	19.07	19.21	20
20	256QAM	50	24	18.93	19.06	19.10	
20	256QAM	50	50	18.93	19.09	18.99	
20	256QAM	100	0	18.90	19.08	19.18	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.65	22.78	22.91	
15	QPSK	1	37	22.70	22.81	22.85	23.5
15	QPSK	1	74	22.72	22.59	22.83	
15	QPSK	36	0	22.60	22.61	22.71	23.5
15	QPSK	36	20	22.55	22.62	22.71	
15	QPSK	36	39	22.46	22.57	22.63	
15	QPSK	75	0	22.64	22.65	22.66	23.5
15	16QAM	1	0	22.75	22.68	22.86	
15	16QAM	1	37	22.74	22.86	22.76	
15	16QAM	1	74	22.65	22.67	22.82	23
15	16QAM	36	0	22.27	22.37	22.50	
15	16QAM	36	20	22.14	22.32	22.46	
15	16QAM	36	39	22.17	22.30	22.22	23
15	16QAM	75	0	22.32	22.16	22.30	
15	64QAM	1	0	21.95	22.05	22.25	
15	64QAM	1	37	22.16	22.09	22.17	22
15	64QAM	1	74	21.80	21.83	21.91	
15	64QAM	36	0	21.12	21.34	21.32	
15	64QAM	36	20	21.10	21.33	21.42	20
15	64QAM	36	39	21.18	21.14	21.28	
15	64QAM	75	0	21.10	21.20	21.31	
15	256QAM	1	0	18.66	18.72	18.81	20
15	256QAM	1	37	18.56	18.74	18.90	
15	256QAM	1	74	18.35	18.69	18.75	
15	256QAM	36	0	18.75	18.87	18.96	20
15	256QAM	36	20	18.78	18.93	18.91	
15	256QAM	36	39	18.69	18.90	18.79	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.71	18.99	19.11	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.57	22.72	22.87	23.5
10	QPSK	1	25	22.79	22.78	22.86	
10	QPSK	1	49	22.67	22.61	22.79	
10	QPSK	25	0	22.51	22.69	22.70	23.5
10	QPSK	25	12	22.60	22.69	22.83	
10	QPSK	25	25	22.54	22.40	22.73	
10	QPSK	50	0	22.58	22.55	22.73	
10	16QAM	1	0	22.73	22.74	22.68	23.5
10	16QAM	1	25	22.69	22.83	22.65	
10	16QAM	1	49	22.63	22.65	22.69	
10	16QAM	25	0	22.21	22.28	22.40	23
10	16QAM	25	12	22.21	22.25	22.35	
10	16QAM	25	25	22.18	22.24	22.29	
10	16QAM	50	0	22.24	22.15	22.41	
10	64QAM	1	0	21.97	22.04	22.25	23
10	64QAM	1	25	22.12	22.08	22.29	
10	64QAM	1	49	21.85	21.90	21.99	
10	64QAM	25	0	21.30	21.31	21.42	22
10	64QAM	25	12	21.11	21.18	21.31	
10	64QAM	25	25	21.20	21.13	21.15	
10	64QAM	50	0	21.22	21.35	21.30	
10	256QAM	1	0	18.54	18.80	18.75	20
10	256QAM	1	25	18.70	18.70	18.89	
10	256QAM	1	49	18.30	18.78	18.78	
10	256QAM	25	0	18.93	18.85	19.13	20
10	256QAM	25	12	18.69	18.88	18.87	
10	256QAM	25	25	18.76	18.91	18.90	
10	256QAM	50	0	18.65	18.86	18.98	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.57	22.85	22.77	23.5
5	QPSK	1	12	22.77	22.67	22.79	
5	QPSK	1	24	22.66	22.64	22.79	
5	QPSK	12	0	22.47	22.64	22.77	23.5
5	QPSK	12	7	22.65	22.71	22.83	
5	QPSK	12	13	22.54	22.45	22.77	
5	QPSK	25	0	22.53	22.72	22.68	
5	16QAM	1	0	22.76	22.71	22.78	23.5
5	16QAM	1	12	22.65	22.75	22.83	
5	16QAM	1	24	22.52	22.55	22.72	
5	16QAM	12	0	22.12	22.37	22.53	23
5	16QAM	12	7	22.20	22.29	22.44	
5	16QAM	12	13	22.13	22.38	22.24	
5	16QAM	25	0	22.19	22.29	22.37	
5	64QAM	1	0	21.82	21.97	22.28	23
5	64QAM	1	12	22.20	22.16	22.33	
5	64QAM	1	24	21.69	21.81	21.82	
5	64QAM	12	0	21.23	21.31	21.30	22
5	64QAM	12	7	21.21	21.21	21.27	
5	64QAM	12	13	21.28	21.19	21.32	
5	64QAM	25	0	21.25	21.38	21.39	
5	256QAM	1	0	18.58	18.69	18.84	20
5	256QAM	1	12	18.66	18.59	18.77	
5	256QAM	1	24	18.39	18.77	18.81	
5	256QAM	12	0	18.88	18.86	19.08	20
5	256QAM	12	7	18.88	18.92	19.05	
5	256QAM	12	13	18.75	18.94	18.90	
5	256QAM	25	0	18.79	18.83	19.13	



<LTE Band 38_Ant 0_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.23	24.18	24.29	
20	QPSK	1	49	24.24	24.16	24.14	25
20	QPSK	1	99	24.10	24.00	24.05	
20	QPSK	50	0	23.22	23.12	23.24	
20	QPSK	50	24	23.18	23.07	23.17	24
20	QPSK	50	50	23.15	23.04	23.10	
20	QPSK	100	0	23.16	23.10	23.17	
20	16QAM	1	0	23.33	23.29	23.37	24
20	16QAM	1	49	23.25	23.15	23.22	
20	16QAM	1	99	23.18	23.04	23.10	
20	16QAM	50	0	22.23	22.17	22.25	23
20	16QAM	50	24	22.21	22.14	22.20	
20	16QAM	50	50	22.16	22.06	22.12	
20	16QAM	100	0	22.18	22.11	22.18	23
20	64QAM	1	0	21.91	21.86	21.93	
20	64QAM	1	49	21.87	21.80	21.86	
20	64QAM	1	99	21.74	21.63	21.72	22
20	64QAM	50	0	21.21	21.13	21.20	
20	64QAM	50	24	21.15	21.06	21.14	
20	64QAM	50	50	21.10	21.00	21.08	20
20	64QAM	100	0	21.15	21.09	21.13	
20	256QAM	1	0	18.93	19.01	19.06	
20	256QAM	1	49	18.94	18.91	18.77	20
20	256QAM	1	99	18.83	18.77	18.72	
20	256QAM	50	0	19.07	19.16	19.19	20
20	256QAM	50	24	19.09	19.02	19.03	
20	256QAM	50	50	19.18	19.15	18.97	
20	256QAM	100	0	19.06	18.98	19.09	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.03	24.08	24.14	
15	QPSK	1	37	24.19	24.12	24.09	25
15	QPSK	1	74	23.99	23.90	23.97	
15	QPSK	36	0	23.10	22.96	23.13	24
15	QPSK	36	20	22.99	22.99	23.12	
15	QPSK	36	39	22.98	22.90	22.97	
15	QPSK	75	0	23.03	22.93	23.17	24
15	16QAM	1	0	23.27	23.27	23.35	
15	16QAM	1	37	23.08	23.07	23.06	
15	16QAM	1	74	23.18	23.03	23.04	23
15	16QAM	36	0	22.19	22.00	22.15	
15	16QAM	36	20	22.04	21.99	22.05	
15	16QAM	36	39	22.05	21.86	22.09	23
15	16QAM	75	0	22.03	22.01	22.02	
15	64QAM	1	0	21.81	21.70	21.86	
15	64QAM	1	37	21.77	21.66	21.81	22
15	64QAM	1	74	21.74	21.48	21.63	
15	64QAM	36	0	21.01	21.13	21.01	
15	64QAM	36	20	21.11	20.94	21.05	20
15	64QAM	36	39	21.04	20.84	21.07	
15	64QAM	75	0	21.07	20.98	21.01	
15	256QAM	1	0	18.79	18.81	19.06	20
15	256QAM	1	37	18.93	18.91	18.77	
15	256QAM	1	74	18.83	18.65	18.64	
15	256QAM	36	0	19.02	19.03	19.03	20
15	256QAM	36	20	19.04	18.98	18.98	
15	256QAM	36	39	19.00	19.10	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.88	18.89	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.21	24.17	24.23	25
10	QPSK	1	25	24.18	24.09	24.05	
10	QPSK	1	49	24.02	23.80	23.96	
10	QPSK	25	0	23.02	23.03	23.12	24
10	QPSK	25	12	23.09	22.89	23.07	
10	QPSK	25	25	23.04	23.02	23.02	
10	QPSK	50	0	22.96	22.96	23.07	24
10	16QAM	1	0	23.27	23.20	23.27	
10	16QAM	1	25	23.16	23.06	23.16	
10	16QAM	1	49	23.11	22.84	22.96	23
10	16QAM	25	0	22.19	22.08	22.17	
10	16QAM	25	12	22.04	21.96	22.13	
10	16QAM	25	25	22.13	22.04	22.05	23
10	16QAM	50	0	22.14	21.93	22.12	
10	64QAM	1	0	21.74	21.73	21.82	
10	64QAM	1	25	21.79	21.68	21.74	23
10	64QAM	1	49	21.71	21.62	21.64	
10	64QAM	25	0	21.15	20.95	21.17	22
10	64QAM	25	12	21.08	20.94	21.03	
10	64QAM	25	25	21.10	20.90	21.05	
10	64QAM	50	0	21.10	21.08	20.98	20
10	256QAM	1	0	18.79	18.85	18.87	
10	256QAM	1	25	18.75	18.78	18.63	
10	256QAM	1	49	18.71	18.74	18.66	20
10	256QAM	25	0	18.95	19.11	19.15	
10	256QAM	25	12	19.06	18.91	18.95	
10	256QAM	25	25	19.02	18.96	18.78	20
10	256QAM	50	0	18.92	18.84	18.96	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.14	23.98	24.22	25
5	QPSK	1	12	24.09	24.07	24.10	
5	QPSK	1	24	24.02	23.96	23.91	
5	QPSK	12	0	23.14	22.95	23.04	24
5	QPSK	12	7	23.10	22.96	23.07	
5	QPSK	12	13	22.96	22.89	22.90	
5	QPSK	25	0	22.99	22.95	22.98	24
5	16QAM	1	0	23.19	23.09	23.36	
5	16QAM	1	12	23.19	23.12	23.21	
5	16QAM	1	24	22.98	22.87	23.10	23
5	16QAM	12	0	22.09	22.17	22.25	
5	16QAM	12	7	22.15	22.04	22.16	
5	16QAM	12	13	22.15	21.96	21.94	23
5	16QAM	25	0	22.13	22.01	22.01	
5	64QAM	1	0	21.87	21.82	21.85	
5	64QAM	1	12	21.84	21.74	21.73	23
5	64QAM	1	24	21.74	21.48	21.71	
5	64QAM	12	0	21.02	20.98	21.09	22
5	64QAM	12	7	21.01	20.89	20.99	
5	64QAM	12	13	21.01	20.95	20.88	
5	64QAM	25	0	20.99	20.94	21.10	20
5	256QAM	1	0	18.77	18.86	18.98	
5	256QAM	1	12	18.74	18.78	18.68	
5	256QAM	1	24	18.68	18.70	18.71	20
5	256QAM	12	0	19.07	19.16	19.00	
5	256QAM	12	7	19.03	18.99	18.85	
5	256QAM	12	13	19.09	19.01	18.97	20
5	256QAM	25	0	18.98	18.94	19.04	



<LTE Band 38_Ant 5_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	24.2
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	24.2
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	22
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	
15	64QAM	36	20	20.69	20.77	20.95	20
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	
15	256QAM	1	0	18.67	18.73	18.68	20
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	
15	256QAM	36	0	18.71	18.76	18.81	20
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	24.2
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	24.2
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	



<LTE Band 38_HPUE_Ant 2_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.05	26.01	26.08	
20	QPSK	1	49	25.92	25.87	25.93	26.9
20	QPSK	1	99	25.91	25.87	25.91	
20	QPSK	50	0	25.17	25.12	25.16	
20	QPSK	50	24	25.12	25.05	25.11	25.9
20	QPSK	50	50	25.06	25.01	25.07	
20	QPSK	100	0	25.10	25.03	25.10	
20	16QAM	1	0	25.38	25.36	25.44	25.9
20	16QAM	1	49	25.24	25.22	25.30	
20	16QAM	1	99	25.25	25.23	25.28	
20	16QAM	50	0	24.17	24.12	24.20	24.9
20	16QAM	50	24	24.14	24.08	24.15	
20	16QAM	50	50	24.08	24.04	24.11	
20	16QAM	100	0	24.12	24.07	24.13	24.9
20	64QAM	1	0	24.15	24.12	24.20	
20	64QAM	1	49	24.01	23.99	24.07	
20	64QAM	1	99	23.99	23.98	24.03	23.9
20	64QAM	50	0	23.09	23.06	23.12	
20	64QAM	50	24	23.03	23.00	23.07	
20	64QAM	50	50	23.01	22.97	23.04	21.9
20	64QAM	100	0	23.04	22.99	23.07	
20	256QAM	1	0	21.15	21.09	21.18	
20	256QAM	1	49	21.00	20.96	21.01	21.9
20	256QAM	1	99	20.93	20.90	20.91	
20	256QAM	50	0	21.11	21.15	21.21	
20	256QAM	50	24	21.12	21.11	21.20	21.9
20	256QAM	50	50	21.04	21.04	21.05	
20	256QAM	100	0	21.02	21.06	21.07	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.04	25.87	25.92	
15	QPSK	1	37	25.76	25.85	25.77	26.9
15	QPSK	1	74	25.88	25.67	25.89	
15	QPSK	36	0	25.15	25.08	25.16	
15	QPSK	36	20	25.02	24.86	25.00	25.9
15	QPSK	36	39	25.00	25.01	25.00	
15	QPSK	75	0	25.01	24.95	25.06	
15	16QAM	1	0	25.24	25.29	25.34	25.9
15	16QAM	1	37	25.06	25.09	25.14	
15	16QAM	1	74	25.25	25.19	25.28	
15	16QAM	36	0	24.17	24.05	24.05	24.9
15	16QAM	36	20	24.11	23.89	24.04	
15	16QAM	36	39	24.02	23.90	24.10	
15	16QAM	75	0	24.00	23.88	24.07	24.9
15	64QAM	1	0	23.95	24.04	24.07	
15	64QAM	1	37	23.94	23.95	24.04	
15	64QAM	1	74	23.93	23.85	23.93	23.9
15	64QAM	36	0	23.02	22.96	23.09	
15	64QAM	36	20	22.97	22.80	23.04	
15	64QAM	36	39	22.82	22.78	22.93	21.9
15	64QAM	75	0	22.93	22.81	22.98	
15	256QAM	1	0	21.10	21.00	21.13	
15	256QAM	1	37	20.91	20.92	21.01	21.9
15	256QAM	1	74	20.90	20.85	20.87	
15	256QAM	36	0	21.10	21.07	21.05	
15	256QAM	36	20	21.00	21.03	21.18	21.9
15	256QAM	36	39	20.84	20.85	20.87	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.89	20.92	20.87	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.92	25.95	26.05	26.9
10	QPSK	1	25	25.73	25.76	25.80	
10	QPSK	1	49	25.74	25.74	25.81	
10	QPSK	25	0	25.14	24.95	25.02	25.9
10	QPSK	25	12	24.94	24.94	24.91	
10	QPSK	25	25	24.97	24.99	25.05	
10	QPSK	50	0	24.93	24.85	24.98	25.9
10	16QAM	1	0	25.34	25.31	25.25	
10	16QAM	1	25	25.08	25.17	25.24	
10	16QAM	1	49	25.19	25.14	25.22	24.9
10	16QAM	25	0	24.17	23.94	24.17	
10	16QAM	25	12	24.03	24.04	24.06	
10	16QAM	25	25	24.01	24.00	23.95	24.9
10	16QAM	50	0	24.04	23.99	23.97	
10	64QAM	1	0	24.04	23.93	24.14	
10	64QAM	1	25	23.99	23.91	23.97	24.9
10	64QAM	1	49	23.96	23.81	24.02	
10	64QAM	25	0	23.05	22.89	22.93	
10	64QAM	25	12	22.91	22.97	22.92	23.9
10	64QAM	25	25	22.98	22.81	22.88	
10	64QAM	50	0	22.92	22.86	23.02	
10	256QAM	1	0	20.96	20.99	21.00	21.9
10	256QAM	1	25	20.90	20.86	21.01	
10	256QAM	1	49	20.82	20.70	20.83	
10	256QAM	25	0	21.09	21.06	21.07	21.9
10	256QAM	25	12	21.02	21.04	21.09	
10	256QAM	25	25	20.87	20.86	20.85	
10	256QAM	50	0	20.87	21.04	20.95	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	25.98	25.94	26.9
5	QPSK	1	12	25.79	25.79	25.75	
5	QPSK	1	24	25.72	25.76	25.91	
5	QPSK	12	0	25.11	24.97	25.12	25.9
5	QPSK	12	7	24.95	24.86	25.09	
5	QPSK	12	13	24.86	25.00	24.89	
5	QPSK	25	0	25.08	24.94	25.00	25.9
5	16QAM	1	0	25.26	25.22	25.25	
5	16QAM	1	12	25.05	25.14	25.18	
5	16QAM	1	24	25.17	25.07	25.17	24.9
5	16QAM	12	0	24.10	24.12	24.02	
5	16QAM	12	7	24.10	23.89	23.97	
5	16QAM	12	13	23.94	24.04	23.96	24.9
5	16QAM	25	0	24.04	23.97	23.99	
5	64QAM	1	0	24.03	23.93	24.13	
5	64QAM	1	12	23.92	23.94	24.02	23.9
5	64QAM	1	24	23.84	23.84	23.88	
5	64QAM	12	0	23.09	22.88	23.00	
5	64QAM	12	7	22.97	22.83	22.91	21.9
5	64QAM	12	13	22.99	22.80	22.92	
5	64QAM	25	0	22.90	22.92	23.01	
5	256QAM	1	0	21.02	21.08	21.10	21.9
5	256QAM	1	12	20.97	20.79	20.85	
5	256QAM	1	24	20.77	20.70	20.91	
5	256QAM	12	0	21.10	21.04	21.05	21.9
5	256QAM	12	7	21.06	21.04	21.20	
5	256QAM	12	13	20.92	20.85	20.92	
5	256QAM	25	0	20.98	21.00	21.03	



<LTE Band 38_HPUE_Ant 1_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.36	24.47	24.56	
20	QPSK	1	49	24.47	24.06	24.47	25.1
20	QPSK	1	99	24.31	24.37	24.38	
20	QPSK	50	0	24.02	24.09	24.02	
20	QPSK	50	24	24.05	24.01	24.05	25.1
20	QPSK	50	50	24.03	24.07	24.05	
20	QPSK	100	0	24.10	24.07	24.10	
20	16QAM	1	0	24.00	24.00	24.03	25.1
20	16QAM	1	49	24.04	24.04	24.07	
20	16QAM	1	99	24.02	24.03	24.09	
20	16QAM	50	0	23.03	23.06	23.05	24.9
20	16QAM	50	24	23.10	23.10	23.09	
20	16QAM	50	50	23.02	23.05	23.10	
20	16QAM	100	0	23.07	23.05	23.09	24.9
20	64QAM	1	0	23.04	23.06	23.09	
20	64QAM	1	49	23.09	23.07	23.03	
20	64QAM	1	99	23.02	23.02	23.02	23.9
20	64QAM	50	0	22.04	22.09	22.10	
20	64QAM	50	24	22.01	22.05	22.07	
20	64QAM	50	50	22.05	22.08	22.00	21.9
20	64QAM	100	0	22.05	22.05	22.06	
20	256QAM	1	0	20.99	21.17	21.36	
20	256QAM	1	49	20.82	21.12	21.09	21.9
20	256QAM	1	99	20.86	21.02	20.97	
20	256QAM	50	0	21.05	21.23	21.25	
20	256QAM	50	24	21.00	21.28	21.15	21.9
20	256QAM	50	50	20.96	21.10	21.20	
20	256QAM	100	0	20.85	21.23	21.15	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.13	24.22	24.48	
15	QPSK	1	37	24.37	23.85	24.32	25.1
15	QPSK	1	74	24.10	24.18	24.32	
15	QPSK	36	0	24.08	24.03	24.07	
15	QPSK	36	20	24.03	24.04	24.03	25.1
15	QPSK	36	39	24.03	24.01	24.08	
15	QPSK	75	0	24.01	24.02	24.00	
15	16QAM	1	0	24.04	24.08	24.03	25.1
15	16QAM	1	37	24.08	24.04	24.06	
15	16QAM	1	74	24.06	24.05	24.08	
15	16QAM	36	0	23.06	23.05	23.05	24.9
15	16QAM	36	20	23.06	23.05	23.00	
15	16QAM	36	39	23.10	23.02	23.08	
15	16QAM	75	0	23.08	23.00	23.01	24.9
15	64QAM	1	0	23.01	23.06	23.02	
15	64QAM	1	37	23.03	23.08	23.01	
15	64QAM	1	74	23.09	23.02	23.09	23.9
15	64QAM	36	0	22.00	22.10	22.04	
15	64QAM	36	20	22.00	22.02	22.09	
15	64QAM	36	39	22.09	22.01	22.03	21.9
15	64QAM	75	0	22.08	22.07	22.10	
15	256QAM	1	0	20.84	20.96	21.15	
15	256QAM	1	37	20.61	20.94	20.89	21.9
15	256QAM	1	74	20.80	20.80	20.80	
15	256QAM	36	0	20.95	21.00	21.01	
15	256QAM	36	20	20.94	21.14	20.94	21.9
15	256QAM	36	39	20.82	21.02	21.04	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.71	21.14	20.93	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.20	24.36	24.37	25.1
10	QPSK	1	25	24.26	24.00	24.23	
10	QPSK	1	49	24.25	24.26	24.24	
10	QPSK	25	0	24.10	24.02	24.10	25.1
10	QPSK	25	12	24.06	24.02	24.05	
10	QPSK	25	25	24.06	24.05	24.00	
10	QPSK	50	0	24.02	24.07	24.08	
10	16QAM	1	0	24.02	24.04	24.08	25.1
10	16QAM	1	25	24.06	24.06	24.04	
10	16QAM	1	49	24.01	24.07	24.06	
10	16QAM	25	0	23.05	23.07	23.01	24.9
10	16QAM	25	12	23.07	23.07	23.01	
10	16QAM	25	25	23.00	23.10	23.08	
10	16QAM	50	0	23.01	23.05	23.10	
10	64QAM	1	0	23.05	23.00	23.09	24.9
10	64QAM	1	25	23.07	23.05	23.10	
10	64QAM	1	49	23.03	23.06	23.02	
10	64QAM	25	0	22.05	22.08	22.01	23.9
10	64QAM	25	12	22.04	22.07	22.06	
10	64QAM	25	25	22.06	22.06	22.05	
10	64QAM	50	0	22.00	22.08	22.03	
10	256QAM	1	0	20.76	21.06	21.25	21.9
10	256QAM	1	25	20.70	20.92	21.02	
10	256QAM	1	49	20.61	20.86	20.79	
10	256QAM	25	0	20.94	21.16	21.19	21.9
10	256QAM	25	12	20.82	21.19	20.98	
10	256QAM	25	25	20.71	21.05	21.00	
10	256QAM	50	0	20.65	21.08	21.06	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.19	24.39	24.48	25.1
5	QPSK	1	12	24.36	24.00	24.26	
5	QPSK	1	24	24.26	24.19	24.25	
5	QPSK	12	0	24.09	24.03	24.06	25.1
5	QPSK	12	7	24.09	24.10	24.09	
5	QPSK	12	13	24.09	24.03	24.02	
5	QPSK	25	0	24.02	24.00	24.08	
5	16QAM	1	0	24.05	24.06	24.01	25.1
5	16QAM	1	12	24.07	24.04	24.01	
5	16QAM	1	24	24.08	24.09	24.04	
5	16QAM	12	0	23.06	23.04	23.05	24.9
5	16QAM	12	7	23.02	23.01	23.07	
5	16QAM	12	13	23.10	23.09	23.08	
5	16QAM	25	0	23.05	23.05	23.02	
5	64QAM	1	0	23.08	23.10	23.08	24.9
5	64QAM	1	12	23.04	23.00	23.00	
5	64QAM	1	24	23.03	23.06	23.05	
5	64QAM	12	0	22.06	22.03	22.08	
5	64QAM	12	7	22.06	22.02	22.06	23.9
5	64QAM	12	13	22.10	22.10	22.07	
5	64QAM	25	0	22.04	22.02	22.10	
5	256QAM	1	0	20.89	21.11	21.17	
5	256QAM	1	12	20.76	21.05	20.91	21.9
5	256QAM	1	24	20.65	20.80	20.76	
5	256QAM	12	0	20.93	21.16	21.07	
5	256QAM	12	7	20.80	21.10	21.02	
5	256QAM	12	13	20.75	21.01	21.11	21.9
5	256QAM	25	0	20.66	21.14	20.96	



<LTE Band 38_HPUE_Ant 0_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.13	26.14	26.21	
20	QPSK	1	49	26.02	25.98	26.01	26.9
20	QPSK	1	99	26.01	25.90	25.89	
20	QPSK	50	0	25.19	25.16	25.21	
20	QPSK	50	24	25.15	25.09	25.14	25.9
20	QPSK	50	50	25.10	25.04	25.09	
20	QPSK	100	0	25.13	25.08	25.13	
20	16QAM	1	0	25.38	25.39	25.45	25.9
20	16QAM	1	49	25.31	25.25	25.28	
20	16QAM	1	99	25.26	25.13	25.11	
20	16QAM	50	0	24.19	24.14	24.22	24.9
20	16QAM	50	24	24.21	24.08	24.16	
20	16QAM	50	50	24.15	24.06	24.10	
20	16QAM	100	0	24.18	24.11	24.14	24.9
20	64QAM	1	0	24.18	24.16	24.25	
20	64QAM	1	49	24.11	24.09	24.06	
20	64QAM	1	99	24.07	23.95	23.96	23.9
20	64QAM	50	0	23.16	23.10	23.18	
20	64QAM	50	24	23.12	23.04	23.11	
20	64QAM	50	50	23.10	23.01	23.05	21.9
20	64QAM	100	0	23.14	23.05	23.12	
20	256QAM	1	0	21.14	21.20	21.03	
20	256QAM	1	49	20.96	20.95	20.93	21.9
20	256QAM	1	99	20.76	20.84	20.78	
20	256QAM	50	0	21.20	21.18	21.14	
20	256QAM	50	24	21.02	21.17	20.97	21.9
20	256QAM	50	50	20.84	21.11	21.06	
20	256QAM	100	0	21.07	21.13	20.89	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.03	25.98	26.18	
15	QPSK	1	37	25.96	25.97	25.97	26.9
15	QPSK	1	74	25.98	25.83	25.70	
15	QPSK	36	0	25.02	24.96	25.01	
15	QPSK	36	20	25.07	24.94	25.00	25.9
15	QPSK	36	39	25.07	24.89	24.98	
15	QPSK	75	0	24.94	24.88	25.00	
15	16QAM	1	0	25.26	25.27	25.27	25.9
15	16QAM	1	37	25.18	25.13	25.16	
15	16QAM	1	74	25.21	25.03	25.00	
15	16QAM	36	0	24.01	24.10	24.07	24.9
15	16QAM	36	20	24.12	23.97	24.12	
15	16QAM	36	39	24.09	23.87	24.09	
15	16QAM	75	0	23.99	24.09	23.98	24.9
15	64QAM	1	0	24.12	24.04	24.15	
15	64QAM	1	37	23.98	24.00	23.95	
15	64QAM	1	74	24.07	23.78	23.82	23.9
15	64QAM	36	0	23.02	23.01	23.09	
15	64QAM	36	20	23.06	22.96	22.99	
15	64QAM	36	39	22.97	22.93	23.04	21.9
15	64QAM	75	0	22.95	22.90	22.99	
15	256QAM	1	0	21.06	21.00	20.89	
15	256QAM	1	37	20.79	20.84	20.80	21.9
15	256QAM	1	74	20.68	20.72	20.76	
15	256QAM	36	0	21.10	21.06	20.98	
15	256QAM	36	20	21.00	21.15	20.91	21.9
15	256QAM	36	39	20.75	21.05	20.96	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.93	20.98	20.80	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.94	26.05	26.10	26.9
10	QPSK	1	25	25.90	25.97	25.96	
10	QPSK	1	49	25.99	25.85	25.80	
10	QPSK	25	0	25.00	24.99	25.20	25.9
10	QPSK	25	12	25.09	24.99	25.09	
10	QPSK	25	25	25.02	24.98	25.07	
10	QPSK	50	0	25.05	24.88	25.13	
10	16QAM	1	0	25.19	25.38	25.30	25.9
10	16QAM	1	25	25.31	25.11	25.10	
10	16QAM	1	49	25.17	24.99	25.09	
10	16QAM	25	0	24.02	24.14	24.07	24.9
10	16QAM	25	12	24.07	24.03	23.96	
10	16QAM	25	25	24.09	23.89	23.95	
10	16QAM	50	0	24.18	24.08	23.96	
10	64QAM	1	0	24.09	24.15	24.24	24.9
10	64QAM	1	25	24.04	24.06	23.99	
10	64QAM	1	49	23.95	23.84	23.95	
10	64QAM	25	0	23.12	22.98	22.98	23.9
10	64QAM	25	12	22.98	23.03	22.96	
10	64QAM	25	25	22.97	22.88	22.85	
10	64QAM	50	0	23.06	23.02	22.98	
10	256QAM	1	0	20.98	21.02	20.84	21.9
10	256QAM	1	25	20.87	20.88	20.73	
10	256QAM	1	49	20.62	20.71	20.62	
10	256QAM	25	0	21.14	20.99	21.10	21.9
10	256QAM	25	12	20.99	21.02	20.79	
10	256QAM	25	25	20.80	21.05	20.88	
10	256QAM	50	0	20.96	21.06	20.72	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.06	25.96	26.07	26.9
5	QPSK	1	12	25.96	25.81	25.90	
5	QPSK	1	24	25.88	25.80	25.76	
5	QPSK	12	0	25.16	25.11	25.02	25.9
5	QPSK	12	7	25.01	24.91	25.10	
5	QPSK	12	13	25.00	24.86	25.04	
5	QPSK	25	0	25.08	24.93	25.05	
5	16QAM	1	0	25.34	25.32	25.40	25.9
5	16QAM	1	12	25.12	25.14	25.14	
5	16QAM	1	24	25.11	25.07	24.98	
5	16QAM	12	0	24.11	23.99	24.20	24.9
5	16QAM	12	7	24.13	23.98	24.11	
5	16QAM	12	13	23.97	23.94	23.96	
5	16QAM	25	0	24.05	24.10	24.08	
5	64QAM	1	0	24.11	23.99	24.22	24.9
5	64QAM	1	12	24.02	23.99	23.95	
5	64QAM	1	24	23.99	23.85	23.79	
5	64QAM	12	0	23.01	23.10	23.02	23.9
5	64QAM	12	7	23.11	22.85	22.99	
5	64QAM	12	13	23.10	23.01	22.98	
5	64QAM	25	0	22.95	22.87	22.92	
5	256QAM	1	0	20.96	21.10	20.92	21.9
5	256QAM	1	12	20.83	20.76	20.84	
5	256QAM	1	24	20.66	20.77	20.66	
5	256QAM	12	0	21.12	21.07	20.98	21.9
5	256QAM	12	7	20.87	21.00	20.77	
5	256QAM	12	13	20.81	20.98	20.90	
5	256QAM	25	0	21.00	21.12	20.76	

<LTE Band 38_HPUE_Ant 5_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	25.8
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.8
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.8
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.8
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.8
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.8
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.8
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.8
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	21.8
20	256QAM	50	24	20.61	20.77	20.91	
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	25.8
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	25.8
15	QPSK	36	20	24.69	24.81	24.83	
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	25.8
15	16QAM	1	0	25.02	25.12	25.14	
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	24.8
15	16QAM	36	0	23.75	23.84	23.94	
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	24.8
15	16QAM	75	0	23.85	23.73	23.94	
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	23.8
15	64QAM	1	74	23.72	23.70	23.83	
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	21.8
15	64QAM	36	39	22.74	22.58	22.76	
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	21.8
15	256QAM	1	37	20.67	20.70	20.70	
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	21.8
15	256QAM	36	20	20.61	20.60	20.86	
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	25.8
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.8
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	25.8
10	16QAM	1	0	25.13	25.05	25.12	
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	24.8
10	16QAM	25	0	23.82	23.73	24.01	
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	24.8
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	
10	64QAM	1	25	23.87	23.72	23.96	24.8
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.8
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	21.8
10	256QAM	1	0	20.51	20.65	20.78	
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	21.8
10	256QAM	25	0	20.67	20.56	20.73	
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	21.8
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	
5	QPSK	1	12	25.62	25.69	25.81	25.8
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.8
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	25.8
5	16QAM	1	0	25.15	25.14	25.11	
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	24.8
5	16QAM	12	0	23.74	23.81	23.85	
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	24.8
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	
5	64QAM	1	12	23.70	23.66	23.84	24.8
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	
5	64QAM	12	7	22.82	22.67	22.93	23.8
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.8
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.8
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	



<LTE Band 38_Ant 2_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.34	19.32	19.36	19.6
20	QPSK	1	49	19.17	19.04	19.13	
20	QPSK	1	99	19.02	19.02	19.12	
20	QPSK	50	0	19.23	19.16	19.24	19.6
20	QPSK	50	24	19.17	19.13	19.17	
20	QPSK	50	50	19.14	19.06	19.14	
20	QPSK	100	0	19.18	19.12	19.19	
20	16QAM	1	0	19.33	19.31	19.29	19.6
20	16QAM	1	49	19.18	19.17	19.27	
20	16QAM	1	99	19.13	19.14	19.25	
20	16QAM	50	0	19.24	19.21	19.27	19.6
20	16QAM	50	24	19.20	19.17	19.23	
20	16QAM	50	50	19.15	19.11	19.19	
20	16QAM	100	0	19.19	19.16	19.22	
20	64QAM	1	0	19.05	18.93	19.01	19.6
20	64QAM	1	49	19.01	18.88	18.97	
20	64QAM	1	99	18.86	18.75	18.85	
20	64QAM	50	0	19.21	19.17	19.28	19.6
20	64QAM	50	24	19.20	19.16	19.23	
20	64QAM	50	50	19.15	19.10	19.19	
20	64QAM	100	0	19.18	19.16	19.22	
20	256QAM	1	0	18.92	18.94	18.94	19.6
20	256QAM	1	49	18.72	18.76	18.66	
20	256QAM	1	99	18.57	18.68	18.68	
20	256QAM	50	0	18.98	19.05	19.02	19.6
20	256QAM	50	24	18.91	19.02	18.96	
20	256QAM	50	50	18.89	18.96	18.94	
20	256QAM	100	0	18.94	18.96	18.90	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.20	19.15	19.18	19.6
15	QPSK	1	37	19.00	18.92	18.93	
15	QPSK	1	74	18.87	18.83	18.92	
15	QPSK	36	0	19.10	19.02	19.12	19.6
15	QPSK	36	20	19.06	18.93	18.97	
15	QPSK	36	39	18.98	18.87	18.97	
15	QPSK	75	0	18.99	18.98	19.03	19.6
15	16QAM	1	0	19.22	19.11	19.12	
15	16QAM	1	37	19.02	18.98	19.13	
15	16QAM	1	74	18.94	19.03	19.09	19.6
15	16QAM	36	0	19.12	19.08	19.08	
15	16QAM	36	20	19.00	19.05	19.06	
15	16QAM	36	39	19.01	18.94	19.02	19.6
15	16QAM	75	0	19.07	18.98	19.08	
15	64QAM	1	0	18.86	18.81	18.89	
15	64QAM	1	37	18.84	18.69	18.79	19.6
15	64QAM	1	74	18.66	18.59	18.70	
15	64QAM	36	0	19.02	19.00	19.16	
15	64QAM	36	20	19.05	18.97	19.12	19.6
15	64QAM	36	39	18.98	18.96	19.07	
15	64QAM	75	0	18.99	19.00	19.08	
15	256QAM	1	0	18.72	18.82	18.79	19.6
15	256QAM	1	37	18.58	18.63	18.50	
15	256QAM	1	74	18.41	18.57	18.49	
15	256QAM	36	0	18.83	18.94	18.87	19.6
15	256QAM	36	20	18.78	18.84	18.85	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	36	39	18.71	18.81	18.77	
15	256QAM	75	0	18.77	18.83	18.74	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.16	19.20	19.21	19.6
10	QPSK	1	25	19.01	18.87	19.02	
10	QPSK	1	49	18.83	18.89	19.02	
10	QPSK	25	0	19.09	18.97	19.11	19.6
10	QPSK	25	12	19.00	18.99	19.02	
10	QPSK	25	25	19.02	18.96	18.95	
10	QPSK	50	0	19.00	18.94	19.00	
10	16QAM	1	0	19.21	19.12	19.15	19.6
10	16QAM	1	25	18.98	19.07	19.17	
10	16QAM	1	49	19.02	19.02	19.12	
10	16QAM	25	0	19.11	19.05	19.07	19.6
10	16QAM	25	12	19.08	19.06	19.05	
10	16QAM	25	25	19.03	18.93	18.99	
10	16QAM	50	0	19.01	18.98	19.06	
10	64QAM	1	0	18.92	18.73	18.83	19.6
10	64QAM	1	25	18.90	18.68	18.83	
10	64QAM	1	49	18.72	18.58	18.65	
10	64QAM	25	0	19.07	19.06	19.17	19.6
10	64QAM	25	12	19.03	18.96	19.06	
10	64QAM	25	25	18.97	18.92	19.03	
10	64QAM	50	0	19.07	18.96	19.10	
10	256QAM	1	0	18.72	18.83	18.83	19.6
10	256QAM	1	25	18.62	18.65	18.55	
10	256QAM	1	49	18.38	18.51	18.54	
10	256QAM	25	0	18.88	18.91	18.85	19.6
10	256QAM	25	12	18.80	18.90	18.77	
10	256QAM	25	25	18.69	18.76	18.75	
10	256QAM	50	0	18.76	18.85	18.76	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.17	19.19	19.21	19.6
5	QPSK	1	12	19.03	18.94	19.03	
5	QPSK	1	24	18.87	18.84	19.02	
5	QPSK	12	0	19.06	18.99	19.12	19.6
5	QPSK	12	7	18.98	18.95	19.07	
5	QPSK	12	13	19.03	18.93	18.95	
5	QPSK	25	0	19.07	19.00	19.07	
5	16QAM	1	0	19.23	19.18	19.09	19.6
5	16QAM	1	12	18.99	19.06	19.09	
5	16QAM	1	24	18.93	19.04	19.12	
5	16QAM	12	0	19.08	19.05	19.09	19.6
5	16QAM	12	7	19.05	18.99	19.11	
5	16QAM	12	13	19.00	19.00	19.08	
5	16QAM	25	0	19.06	18.97	19.10	
5	64QAM	1	0	18.90	18.75	18.85	19.6
5	64QAM	1	12	18.90	18.75	18.79	
5	64QAM	1	24	18.70	18.64	18.67	
5	64QAM	12	0	19.01	19.06	19.13	19.6
5	64QAM	12	7	19.01	18.97	19.09	
5	64QAM	12	13	18.95	18.91	18.99	
5	64QAM	25	0	19.04	19.00	19.10	
5	256QAM	1	0	18.79	18.82	18.74	19.6
5	256QAM	1	12	18.59	18.60	18.49	
5	256QAM	1	24	18.44	18.48	18.57	
5	256QAM	12	0	18.86	18.89	18.90	19.6
5	256QAM	12	7	18.79	18.82	18.79	
5	256QAM	12	13	18.76	18.82	18.75	
5	256QAM	25	0	18.76	18.86	18.76	





<LTE Band 38_Ant 1_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.11	24.24	24.34	
20	QPSK	1	49	24.11	24.19	24.20	25
20	QPSK	1	99	24.08	24.13	24.16	
20	QPSK	50	0	23.15	23.27	23.31	
20	QPSK	50	24	23.07	23.23	23.26	24
20	QPSK	50	50	23.04	23.14	23.21	
20	QPSK	100	0	23.07	23.18	23.26	
20	16QAM	1	0	23.20	23.37	23.49	24
20	16QAM	1	49	23.11	23.25	23.32	
20	16QAM	1	99	23.15	23.24	23.28	
20	16QAM	50	0	22.12	22.26	22.36	23
20	16QAM	50	24	22.10	22.22	22.31	
20	16QAM	50	50	22.08	22.19	22.26	
20	16QAM	100	0	22.10	22.21	22.29	23
20	64QAM	1	0	21.79	21.95	22.06	
20	64QAM	1	49	21.74	21.86	21.95	
20	64QAM	1	99	21.70	21.79	21.89	22
20	64QAM	50	0	21.10	21.25	21.33	
20	64QAM	50	24	21.07	21.21	21.29	
20	64QAM	50	50	21.06	21.16	21.24	20
20	64QAM	100	0	21.06	21.18	21.27	
20	256QAM	1	0	18.95	19.07	19.17	
20	256QAM	1	49	18.90	19.05	19.09	20
20	256QAM	1	99	18.75	18.96	19.03	
20	256QAM	50	0	19.06	19.25	19.29	20
20	256QAM	50	24	19.02	19.21	19.28	
20	256QAM	50	50	18.99	19.19	19.22	
20	256QAM	100	0	19.03	19.17	19.23	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.09	24.11	24.25	
15	QPSK	1	37	24.02	23.99	24.19	25
15	QPSK	1	74	24.03	24.05	24.11	
15	QPSK	36	0	22.98	23.07	23.22	24
15	QPSK	36	20	22.87	23.23	23.06	
15	QPSK	36	39	22.98	23.14	23.04	
15	QPSK	75	0	23.04	23.11	23.18	24
15	16QAM	1	0	23.08	23.30	23.46	
15	16QAM	1	37	22.99	23.21	23.27	
15	16QAM	1	74	23.15	23.24	23.17	23
15	16QAM	36	0	21.98	22.16	22.35	
15	16QAM	36	20	22.08	22.04	22.24	
15	16QAM	36	39	21.95	22.12	22.20	23
15	16QAM	75	0	22.01	22.13	22.14	
15	64QAM	1	0	21.67	21.87	21.92	
15	64QAM	1	37	21.61	21.67	21.75	23
15	64QAM	1	74	21.63	21.72	21.87	
15	64QAM	36	0	20.97	21.07	21.14	
15	64QAM	36	20	20.90	21.15	21.18	22
15	64QAM	36	39	20.93	21.03	21.18	
15	64QAM	75	0	21.06	20.99	21.12	
15	256QAM	1	0	18.82	19.07	19.05	20
15	256QAM	1	37	18.88	19.05	18.91	
15	256QAM	1	74	18.75	18.91	18.92	
15	256QAM	36	0	18.94	19.06	19.18	20
15	256QAM	36	20	18.87	19.07	19.08	
15	256QAM	36	39	18.85	19.15	19.06	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.95	19.01	19.05	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.97	24.14	24.24	25
10	QPSK	1	25	23.96	24.10	24.10	
10	QPSK	1	49	24.07	23.99	24.14	
10	QPSK	25	0	23.13	23.07	23.19	24
10	QPSK	25	12	23.07	23.12	23.07	
10	QPSK	25	25	22.86	23.11	23.10	
10	QPSK	50	0	23.00	23.00	23.17	24
10	16QAM	1	0	23.05	23.27	23.29	
10	16QAM	1	25	23.05	23.07	23.13	
10	16QAM	1	49	23.04	23.05	23.23	23
10	16QAM	25	0	22.08	22.11	22.19	
10	16QAM	25	12	21.98	22.11	22.18	
10	16QAM	25	25	22.00	22.17	22.16	23
10	16QAM	50	0	21.97	22.17	22.23	
10	64QAM	1	0	21.69	21.75	21.87	
10	64QAM	1	25	21.74	21.73	21.86	23
10	64QAM	1	49	21.66	21.71	21.85	
10	64QAM	25	0	20.96	21.24	21.19	
10	64QAM	25	12	21.02	21.11	21.18	22
10	64QAM	25	25	20.95	20.97	21.21	
10	64QAM	50	0	20.91	21.14	21.25	
10	256QAM	1	0	18.88	19.00	19.12	20
10	256QAM	1	25	18.72	19.03	19.09	
10	256QAM	1	49	18.65	18.92	18.88	
10	256QAM	25	0	18.90	19.11	19.13	20
10	256QAM	25	12	18.96	19.20	19.13	
10	256QAM	25	25	18.90	19.06	19.14	
10	256QAM	50	0	18.86	19.12	19.17	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.91	24.19	24.24	25
5	QPSK	1	12	24.06	24.17	24.14	
5	QPSK	1	24	24.05	23.93	23.99	
5	QPSK	12	0	22.96	23.13	23.22	24
5	QPSK	12	7	22.90	23.06	23.14	
5	QPSK	12	13	23.03	22.95	23.12	
5	QPSK	25	0	22.89	23.10	23.26	24
5	16QAM	1	0	23.11	23.35	23.44	
5	16QAM	1	12	23.02	23.09	23.13	
5	16QAM	1	24	22.95	23.21	23.28	23
5	16QAM	12	0	22.11	22.25	22.21	
5	16QAM	12	7	21.98	22.07	22.25	
5	16QAM	12	13	22.07	22.14	22.15	23
5	16QAM	25	0	22.07	22.12	22.23	
5	64QAM	1	0	21.65	21.82	21.94	
5	64QAM	1	12	21.71	21.85	21.88	23
5	64QAM	1	24	21.53	21.73	21.76	
5	64QAM	12	0	20.97	21.17	21.25	
5	64QAM	12	7	20.87	21.08	21.23	22
5	64QAM	12	13	21.03	20.97	21.17	
5	64QAM	25	0	21.03	21.12	21.10	
5	256QAM	1	0	18.80	18.87	19.15	20
5	256QAM	1	12	18.73	18.92	18.93	
5	256QAM	1	24	18.68	18.84	18.99	
5	256QAM	12	0	18.94	19.20	19.14	20
5	256QAM	12	7	18.93	19.20	19.23	
5	256QAM	12	13	18.98	19.08	19.03	
5	256QAM	25	0	18.97	19.10	19.15	



<LTE Band 38_Ant 0_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.32	23.27	23.31	
20	QPSK	1	49	23.17	23.25	23.28	23.9
20	QPSK	1	99	23.13	23.05	23.14	
20	QPSK	50	0	22.90	22.80	22.90	
20	QPSK	50	24	22.85	22.76	22.83	23.9
20	QPSK	50	50	22.81	22.70	22.77	
20	QPSK	100	0	22.83	22.77	22.82	
20	16QAM	1	0	22.99	22.98	23.06	23.9
20	16QAM	1	49	22.89	22.81	22.88	
20	16QAM	1	99	22.83	22.72	22.79	
20	16QAM	50	0	21.90	21.88	21.96	23
20	16QAM	50	24	21.92	21.84	21.87	
20	16QAM	50	50	21.86	21.76	21.80	
20	16QAM	100	0	21.88	21.81	21.85	23
20	64QAM	1	0	21.57	21.55	21.59	
20	64QAM	1	49	21.58	21.47	21.55	
20	64QAM	1	99	21.40	21.28	21.40	22
20	64QAM	50	0	20.88	20.82	20.90	
20	64QAM	50	24	20.86	20.75	20.83	
20	64QAM	50	50	20.79	20.69	20.77	20
20	64QAM	100	0	20.83	20.76	20.82	
20	256QAM	1	0	18.89	18.96	18.88	
20	256QAM	1	49	18.90	18.80	18.72	20
20	256QAM	1	99	18.68	18.71	18.71	
20	256QAM	50	0	18.92	19.09	19.00	
20	256QAM	50	24	18.94	18.90	18.89	20
20	256QAM	50	50	19.00	19.01	18.89	
20	256QAM	100	0	19.01	18.98	19.05	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.21	23.21	23.20	
15	QPSK	1	37	23.02	23.05	23.28	23.9
15	QPSK	1	74	23.11	22.97	23.11	
15	QPSK	36	0	22.77	22.64	22.86	23.9
15	QPSK	36	20	22.77	22.69	22.70	
15	QPSK	36	39	22.61	22.69	22.58	
15	QPSK	75	0	22.70	22.61	22.75	23.9
15	16QAM	1	0	22.80	22.92	22.99	
15	16QAM	1	37	22.79	22.78	22.74	
15	16QAM	1	74	22.75	22.55	22.73	23
15	16QAM	36	0	21.74	21.75	21.84	
15	16QAM	36	20	21.76	21.71	21.67	
15	16QAM	36	39	21.76	21.63	21.60	23
15	16QAM	75	0	21.70	21.64	21.67	
15	64QAM	1	0	21.42	21.42	21.57	
15	64QAM	1	37	21.58	21.36	21.55	22
15	64QAM	1	74	21.35	21.20	21.28	
15	64QAM	36	0	20.87	20.67	20.87	
15	64QAM	36	20	20.80	20.55	20.66	20
15	64QAM	36	39	20.63	20.58	20.65	
15	64QAM	75	0	20.69	20.56	20.69	
15	256QAM	1	0	18.86	18.78	18.71	20
15	256QAM	1	37	18.71	18.68	18.55	
15	256QAM	1	74	18.65	18.70	18.65	
15	256QAM	36	0	18.73	18.89	18.85	20
15	256QAM	36	20	18.80	18.81	18.79	
15	256QAM	36	39	18.82	18.98	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.94	18.91	19.03	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.18	23.26	23.26	23.9
10	QPSK	1	25	23.04	23.25	23.13	
10	QPSK	1	49	23.02	23.01	23.05	
10	QPSK	25	0	22.81	22.67	22.85	23.9
10	QPSK	25	12	22.72	22.65	22.83	
10	QPSK	25	25	22.62	22.51	22.63	
10	QPSK	50	0	22.65	22.71	22.74	
10	16QAM	1	0	22.87	22.90	23.04	23.9
10	16QAM	1	25	22.72	22.71	22.74	
10	16QAM	1	49	22.67	22.64	22.59	
10	16QAM	25	0	21.89	21.85	21.94	23
10	16QAM	25	12	21.73	21.72	21.79	
10	16QAM	25	25	21.83	21.56	21.66	
10	16QAM	50	0	21.80	21.81	21.70	
10	64QAM	1	0	21.51	21.38	21.50	23
10	64QAM	1	25	21.42	21.29	21.41	
10	64QAM	1	49	21.23	21.26	21.34	
10	64QAM	25	0	20.76	20.67	20.90	22
10	64QAM	25	12	20.83	20.60	20.79	
10	64QAM	25	25	20.64	20.68	20.60	
10	64QAM	50	0	20.80	20.61	20.73	
10	256QAM	1	0	18.80	18.88	18.72	20
10	256QAM	1	25	18.88	18.75	18.60	
10	256QAM	1	49	18.63	18.53	18.55	
10	256QAM	25	0	18.74	18.97	18.91	20
10	256QAM	25	12	18.77	18.83	18.70	
10	256QAM	25	25	18.96	18.85	18.75	
10	256QAM	50	0	18.85	18.94	18.86	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.32	23.23	23.17	23.9
5	QPSK	1	12	23.04	23.13	23.11	
5	QPSK	1	24	23.03	22.95	22.99	
5	QPSK	12	0	22.76	22.69	22.88	23.9
5	QPSK	12	7	22.83	22.57	22.70	
5	QPSK	12	13	22.76	22.69	22.76	
5	QPSK	25	0	22.76	22.63	22.68	
5	16QAM	1	0	22.92	22.82	22.96	23.9
5	16QAM	1	12	22.83	22.61	22.84	
5	16QAM	1	24	22.64	22.70	22.64	
5	16QAM	12	0	21.73	21.73	21.79	23
5	16QAM	12	7	21.87	21.74	21.74	
5	16QAM	12	13	21.82	21.66	21.76	
5	16QAM	25	0	21.78	21.65	21.80	
5	64QAM	1	0	21.56	21.45	21.57	23
5	64QAM	1	12	21.53	21.32	21.37	
5	64QAM	1	24	21.30	21.11	21.39	
5	64QAM	12	0	20.81	20.74	20.86	22
5	64QAM	12	7	20.72	20.55	20.78	
5	64QAM	12	13	20.62	20.64	20.65	
5	64QAM	25	0	20.74	20.60	20.70	
5	256QAM	1	0	18.69	18.96	18.76	20
5	256QAM	1	12	18.86	18.80	18.56	
5	256QAM	1	24	18.68	18.71	18.65	
5	256QAM	12	0	18.74	18.93	18.94	20
5	256QAM	12	7	18.91	18.78	18.73	
5	256QAM	12	13	18.98	18.86	18.85	
5	256QAM	25	0	18.86	18.84	18.95	



<LTE Band 38_Ant 5_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	25
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	25
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	22
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	
15	64QAM	36	20	20.69	20.77	20.95	20
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	
15	256QAM	1	0	18.67	18.73	18.68	20
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	
15	256QAM	36	0	18.71	18.76	18.81	20
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	25
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	25
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	

**<LTE Band 38_HPUE_Ant 2_Index 4>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.76	20.70	20.80	
20	QPSK	1	49	20.63	20.58	20.68	21.2
20	QPSK	1	99	20.56	20.53	20.65	
20	QPSK	50	0	20.77	20.69	20.79	
20	QPSK	50	24	20.71	20.65	20.71	21.2
20	QPSK	50	50	20.64	20.59	20.68	
20	QPSK	100	0	20.68	20.68	20.76	
20	16QAM	1	0	20.72	20.66	20.72	21.2
20	16QAM	1	49	20.59	20.56	20.59	
20	16QAM	1	99	20.52	20.52	20.57	
20	16QAM	50	0	20.70	20.76	20.53	21.2
20	16QAM	50	24	20.70	20.71	20.79	
20	16QAM	50	50	20.72	20.66	20.72	
20	16QAM	100	0	20.78	20.71	20.78	21.2
20	64QAM	1	0	20.45	20.40	20.50	
20	64QAM	1	49	20.73	20.61	20.74	
20	64QAM	1	99	20.66	20.66	20.73	21.2
20	64QAM	50	0	20.79	20.70	20.77	
20	64QAM	50	24	20.73	20.68	20.74	
20	64QAM	50	50	20.67	20.66	20.71	21.2
20	64QAM	100	0	20.75	20.69	20.76	
20	256QAM	1	0	20.67	20.58	20.66	
20	256QAM	1	49	20.50	20.42	20.48	21.2
20	256QAM	1	99	20.40	20.42	20.36	
20	256QAM	50	0	20.61	20.69	20.67	
20	256QAM	50	24	20.66	20.58	20.67	21.2
20	256QAM	50	50	20.51	20.58	20.51	
20	256QAM	100	0	20.48	20.60	20.57	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.59	20.51	20.63	
15	QPSK	1	37	20.46	20.44	20.57	21.2
15	QPSK	1	74	20.46	20.38	20.51	
15	QPSK	36	0	20.66	20.49	20.66	
15	QPSK	36	20	20.51	20.51	20.59	21.2
15	QPSK	36	39	20.46	20.43	20.52	
15	QPSK	75	0	20.53	20.49	20.65	
15	16QAM	1	0	20.53	20.51	20.57	21.2
15	16QAM	1	37	20.45	20.43	20.42	
15	16QAM	1	74	20.36	20.33	20.41	
15	16QAM	36	0	20.55	20.64	20.41	21.2
15	16QAM	36	20	20.50	20.58	20.68	
15	16QAM	36	39	20.52	20.47	20.56	
15	16QAM	75	0	20.61	20.60	20.60	21.2
15	64QAM	1	0	20.33	20.29	20.31	
15	64QAM	1	37	20.62	20.41	20.59	
15	64QAM	1	74	20.55	20.56	20.54	21.2
15	64QAM	36	0	20.60	20.53	20.57	
15	64QAM	36	20	20.62	20.53	20.63	
15	64QAM	36	39	20.48	20.46	20.51	21.2
15	64QAM	75	0	20.59	20.56	20.59	
15	256QAM	1	0	20.68	20.64	20.64	
15	256QAM	1	37	20.47	20.50	20.48	21.2
15	256QAM	1	74	20.46	20.35	20.43	
15	256QAM	36	0	20.59	20.68	20.76	
15	256QAM	36	20	20.67	20.61	20.67	21.2
15	256QAM	36	39	20.51	20.50	20.60	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.50	20.57	20.60	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.57	20.54	20.64	21.2
10	QPSK	1	25	20.49	20.41	20.48	
10	QPSK	1	49	20.37	20.43	20.54	
10	QPSK	25	0	20.62	20.51	20.64	21.2
10	QPSK	25	12	20.55	20.54	20.59	
10	QPSK	25	25	20.46	20.45	20.50	
10	QPSK	50	0	20.55	20.58	20.57	21.2
10	16QAM	1	0	20.56	20.50	20.58	
10	16QAM	1	25	20.41	20.41	20.47	
10	16QAM	1	49	20.40	20.32	20.39	21.2
10	16QAM	25	0	20.51	20.58	20.39	
10	16QAM	25	12	20.53	20.56	20.65	
10	16QAM	25	25	20.52	20.56	20.58	21.2
10	16QAM	50	0	20.64	20.51	20.59	
10	64QAM	1	0	20.25	20.30	20.36	
10	64QAM	1	25	20.56	20.42	20.58	21.2
10	64QAM	1	49	20.48	20.50	20.58	
10	64QAM	25	0	20.62	20.51	20.66	
10	64QAM	25	12	20.58	20.58	20.59	21.2
10	64QAM	25	25	20.55	20.48	20.56	
10	64QAM	50	0	20.58	20.51	20.64	
10	256QAM	1	0	20.66	20.61	20.73	21.2
10	256QAM	1	25	20.55	20.44	20.51	
10	256QAM	1	49	20.44	20.39	20.38	
10	256QAM	25	0	20.58	20.64	20.72	21.2
10	256QAM	25	12	20.64	20.59	20.74	
10	256QAM	25	25	20.57	20.56	20.53	
10	256QAM	50	0	20.54	20.58	20.59	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.61	20.51	20.65	21.2
5	QPSK	1	12	20.50	20.45	20.50	
5	QPSK	1	24	20.43	20.35	20.45	
5	QPSK	12	0	20.60	20.54	20.60	21.2
5	QPSK	12	7	20.57	20.48	20.56	
5	QPSK	12	13	20.49	20.44	20.51	
5	QPSK	25	0	20.49	20.53	20.60	21.2
5	16QAM	1	0	20.55	20.54	20.59	
5	16QAM	1	12	20.48	20.42	20.47	
5	16QAM	1	24	20.35	20.32	20.47	21.2
5	16QAM	12	0	20.59	20.57	20.40	
5	16QAM	12	7	20.57	20.57	20.66	
5	16QAM	12	13	20.61	20.56	20.62	21.2
5	16QAM	25	0	20.58	20.55	20.67	
5	64QAM	1	0	20.28	20.24	20.37	
5	64QAM	1	12	20.63	20.42	20.58	21.2
5	64QAM	1	24	20.51	20.56	20.62	
5	64QAM	12	0	20.61	20.56	20.63	
5	64QAM	12	7	20.59	20.53	20.59	21.2
5	64QAM	12	13	20.47	20.49	20.51	
5	64QAM	25	0	20.64	20.54	20.57	
5	256QAM	1	0	20.65	20.58	20.71	21.2
5	256QAM	1	12	20.47	20.50	20.55	
5	256QAM	1	24	20.42	20.42	20.43	
5	256QAM	12	0	20.57	20.60	20.70	21.2
5	256QAM	12	7	20.63	20.60	20.69	
5	256QAM	12	13	20.56	20.58	20.55	
5	256QAM	25	0	20.50	20.61	20.52	



<LTE Band 38_HPUE_Ant 1_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.97	26.11	26.17	
20	QPSK	1	49	25.90	25.99	25.98	26.9
20	QPSK	1	99	25.93	25.94	25.94	
20	QPSK	50	0	25.01	25.14	25.24	
20	QPSK	50	24	24.99	25.09	25.20	25.9
20	QPSK	50	50	24.95	25.05	25.16	
20	QPSK	100	0	24.98	25.08	25.18	
20	16QAM	1	0	25.30	25.48	25.54	25.9
20	16QAM	1	49	25.24	25.35	25.34	
20	16QAM	1	99	25.27	25.30	25.26	
20	16QAM	50	0	24.05	24.17	24.27	24.9
20	16QAM	50	24	24.04	24.14	24.23	
20	16QAM	50	50	24.01	24.11	24.20	
20	16QAM	100	0	24.02	24.12	24.20	24.9
20	64QAM	1	0	24.03	24.21	24.30	
20	64QAM	1	49	23.96	24.08	24.13	
20	64QAM	1	99	23.98	24.05	24.06	23.9
20	64QAM	50	0	22.97	23.10	23.19	
20	64QAM	50	24	22.94	23.06	23.14	
20	64QAM	50	50	22.93	23.04	23.10	21.9
20	64QAM	100	0	22.94	23.06	23.14	
20	256QAM	1	0	20.98	21.15	21.21	
20	256QAM	1	49	20.85	21.05	21.10	21.9
20	256QAM	1	99	20.82	21.00	21.01	
20	256QAM	50	0	21.03	21.22	21.24	
20	256QAM	50	24	20.88	21.15	21.18	21.9
20	256QAM	50	50	20.86	21.09	21.13	
20	256QAM	100	0	20.88	21.13	21.16	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.90	26.09	26.06	
15	QPSK	1	37	25.87	25.84	25.82	26.9
15	QPSK	1	74	25.89	25.92	25.83	
15	QPSK	36	0	24.90	25.07	25.12	
15	QPSK	36	20	24.96	24.97	25.03	25.9
15	QPSK	36	39	24.81	24.87	24.99	
15	QPSK	75	0	24.91	25.01	25.11	
15	16QAM	1	0	25.12	25.28	25.43	25.9
15	16QAM	1	37	25.24	25.21	25.15	
15	16QAM	1	74	25.14	25.28	25.14	
15	16QAM	36	0	23.94	24.00	24.15	24.9
15	16QAM	36	20	23.84	23.99	24.08	
15	16QAM	36	39	23.94	24.06	24.15	
15	16QAM	75	0	23.83	24.08	24.20	24.9
15	64QAM	1	0	23.89	24.20	24.23	
15	64QAM	1	37	23.84	23.98	23.94	
15	64QAM	1	74	23.87	23.89	23.89	23.9
15	64QAM	36	0	22.79	23.05	23.07	
15	64QAM	36	20	22.83	23.05	23.11	
15	64QAM	36	39	22.82	22.89	22.99	21.9
15	64QAM	75	0	22.88	22.99	23.12	
15	256QAM	1	0	20.98	21.08	21.03	
15	256QAM	1	37	20.69	20.97	21.06	21.9
15	256QAM	1	74	20.68	20.93	20.97	
15	256QAM	36	0	20.99	21.17	21.06	
15	256QAM	36	20	20.86	20.96	21.03	21.9
15	256QAM	36	39	20.84	20.95	21.12	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.71	20.93	21.11	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.79	26.11	26.05	26.9
10	QPSK	1	25	25.75	25.80	25.92	
10	QPSK	1	49	25.77	25.74	25.81	
10	QPSK	25	0	25.00	25.07	25.11	25.9
10	QPSK	25	12	24.91	25.03	25.00	
10	QPSK	25	25	24.86	24.96	25.08	
10	QPSK	50	0	24.94	25.03	25.00	
10	16QAM	1	0	25.11	25.37	25.44	25.9
10	16QAM	1	25	25.08	25.28	25.15	
10	16QAM	1	49	25.10	25.13	25.23	
10	16QAM	25	0	23.99	24.11	24.15	24.9
10	16QAM	25	12	23.94	24.14	24.23	
10	16QAM	25	25	23.88	24.06	24.08	
10	16QAM	50	0	23.99	23.94	24.01	
10	64QAM	1	0	23.91	24.04	24.12	24.9
10	64QAM	1	25	23.87	23.92	24.09	
10	64QAM	1	49	23.98	23.99	24.04	
10	64QAM	25	0	22.82	22.90	23.14	23.9
10	64QAM	25	12	22.82	22.97	23.09	
10	64QAM	25	25	22.88	22.97	23.05	
10	64QAM	50	0	22.80	23.06	23.12	
10	256QAM	1	0	20.88	21.05	21.18	21.9
10	256QAM	1	25	20.72	20.91	20.94	
10	256QAM	1	49	20.74	20.91	20.91	
10	256QAM	25	0	20.92	21.11	21.18	21.9
10	256QAM	25	12	20.86	21.14	21.12	
10	256QAM	25	25	20.85	20.99	21.05	
10	256QAM	50	0	20.75	21.07	21.08	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	26.10	26.11	26.9
5	QPSK	1	12	25.87	25.98	25.96	
5	QPSK	1	24	25.87	25.91	25.75	
5	QPSK	12	0	24.94	24.94	25.20	25.9
5	QPSK	12	7	24.98	24.99	25.07	
5	QPSK	12	13	24.77	24.88	25.04	
5	QPSK	25	0	24.90	24.94	25.12	
5	16QAM	1	0	25.17	25.42	25.35	25.9
5	16QAM	1	12	25.23	25.25	25.30	
5	16QAM	1	24	25.14	25.23	25.15	
5	16QAM	12	0	23.88	24.04	24.20	24.9
5	16QAM	12	7	23.84	23.96	24.04	
5	16QAM	12	13	23.94	24.03	24.06	
5	16QAM	25	0	23.99	23.97	24.01	
5	64QAM	1	0	23.94	24.05	24.28	24.9
5	64QAM	1	12	23.91	23.90	24.10	
5	64QAM	1	24	23.92	23.88	23.95	
5	64QAM	12	0	22.88	22.91	23.03	23.9
5	64QAM	12	7	22.85	22.90	23.09	
5	64QAM	12	13	22.92	22.98	23.03	
5	64QAM	25	0	22.94	23.05	23.04	
5	256QAM	1	0	20.81	20.97	21.21	21.9
5	256QAM	1	12	20.72	20.87	21.07	
5	256QAM	1	24	20.63	20.91	20.85	
5	256QAM	12	0	20.90	21.03	21.13	21.9
5	256QAM	12	7	20.87	21.05	21.04	
5	256QAM	12	13	20.84	21.00	20.96	
5	256QAM	25	0	20.70	21.09	21.11	



<LTE Band 38_HPUE_Ant 0_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.29	25.30	25.40	
20	QPSK	1	49	25.24	25.17	25.23	25.5
20	QPSK	1	99	25.19	25.05	25.08	
20	QPSK	50	0	25.36	25.31	25.38	
20	QPSK	50	24	25.32	25.28	25.34	25.5
20	QPSK	50	50	25.28	25.19	25.30	
20	QPSK	100	0	25.30	25.25	25.32	
20	16QAM	1	0	25.06	25.06	25.14	25.5
20	16QAM	1	49	25.02	24.96	25.02	
20	16QAM	1	99	24.92	24.83	24.83	
20	16QAM	50	0	23.87	23.84	23.92	24.9
20	16QAM	50	24	23.84	23.78	23.85	
20	16QAM	50	50	23.81	23.73	23.77	
20	16QAM	100	0	23.84	23.80	23.83	24.9
20	64QAM	1	0	23.86	23.86	23.91	
20	64QAM	1	49	23.84	23.79	23.78	
20	64QAM	1	99	23.76	23.64	23.65	23.9
20	64QAM	50	0	22.84	22.77	22.85	
20	64QAM	50	24	22.79	22.76	22.81	
20	64QAM	50	50	22.78	22.68	22.73	21.9
20	64QAM	100	0	22.79	22.74	22.81	
20	256QAM	1	0	21.10	21.20	20.93	
20	256QAM	1	49	20.79	20.75	20.77	21.9
20	256QAM	1	99	20.60	20.75	20.76	
20	256QAM	50	0	21.07	20.98	21.06	
20	256QAM	50	24	20.91	21.15	20.85	21.9
20	256QAM	50	50	20.78	21.05	20.91	
20	256QAM	100	0	20.97	21.10	20.71	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.26	25.21	25.28	
15	QPSK	1	37	25.07	24.98	25.03	25.5
15	QPSK	1	74	25.13	24.91	24.98	
15	QPSK	36	0	25.34	25.29	25.36	
15	QPSK	36	20	25.30	25.12	25.17	25.5
15	QPSK	36	39	25.27	25.09	25.18	
15	QPSK	75	0	25.30	25.09	25.28	
15	16QAM	1	0	24.86	24.96	24.96	25.5
15	16QAM	1	37	24.94	24.78	24.82	
15	16QAM	1	74	24.91	24.78	24.81	
15	16QAM	36	0	23.70	23.75	23.84	24.9
15	16QAM	36	20	23.83	23.77	23.65	
15	16QAM	36	39	23.67	23.67	23.64	
15	16QAM	75	0	23.72	23.70	23.64	24.9
15	64QAM	1	0	23.71	23.83	23.74	
15	64QAM	1	37	23.83	23.77	23.62	
15	64QAM	1	74	23.56	23.52	23.46	23.9
15	64QAM	36	0	22.64	22.77	22.76	
15	64QAM	36	20	22.71	22.72	22.73	
15	64QAM	36	39	22.61	22.68	22.69	21.9
15	64QAM	75	0	22.61	22.70	22.70	
15	256QAM	1	0	20.99	21.09	20.90	
15	256QAM	1	37	20.60	20.59	20.66	21.9
15	256QAM	1	74	20.49	20.55	20.58	
15	256QAM	36	0	21.04	20.83	20.92	
15	256QAM	36	20	20.75	21.10	20.68	21.9
15	256QAM	36	39	20.58	21.02	20.82	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.83	20.96	20.56	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.26	25.17	25.39	25.5
10	QPSK	1	25	25.23	24.98	25.17	
10	QPSK	1	49	25.02	24.97	24.92	
10	QPSK	25	0	25.19	25.22	25.26	25.5
10	QPSK	25	12	25.15	25.24	25.31	
10	QPSK	25	25	25.14	25.11	25.22	
10	QPSK	50	0	25.30	25.08	25.25	25.5
10	16QAM	1	0	24.87	25.00	25.12	
10	16QAM	1	25	24.89	24.81	24.82	
10	16QAM	1	49	24.92	24.77	24.65	24.9
10	16QAM	25	0	23.76	23.69	23.84	
10	16QAM	25	12	23.74	23.61	23.83	
10	16QAM	25	25	23.61	23.70	23.63	24.9
10	16QAM	50	0	23.76	23.67	23.73	
10	64QAM	1	0	23.75	23.68	23.75	
10	64QAM	1	25	23.83	23.62	23.62	24.9
10	64QAM	1	49	23.71	23.46	23.49	
10	64QAM	25	0	22.77	22.63	22.67	
10	64QAM	25	12	22.59	22.76	22.71	23.9
10	64QAM	25	25	22.75	22.51	22.71	
10	64QAM	50	0	22.77	22.56	22.74	
10	256QAM	1	0	21.09	21.13	20.74	21.9
10	256QAM	1	25	20.62	20.60	20.75	
10	256QAM	1	49	20.52	20.75	20.76	
10	256QAM	25	0	21.02	20.79	20.96	21.9
10	256QAM	25	12	20.86	21.00	20.66	
10	256QAM	25	25	20.74	20.97	20.77	
10	256QAM	50	0	20.89	20.92	20.65	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.09	25.10	25.39	25.5
5	QPSK	1	12	25.23	24.97	25.21	
5	QPSK	1	24	25.10	25.02	25.05	
5	QPSK	12	0	25.27	25.13	25.38	25.5
5	QPSK	12	7	25.20	25.25	25.20	
5	QPSK	12	13	25.12	25.15	25.27	
5	QPSK	25	0	25.16	25.16	25.21	25.5
5	16QAM	1	0	25.04	25.02	24.95	
5	16QAM	1	12	24.94	24.77	24.92	
5	16QAM	1	24	24.88	24.82	24.70	24.9
5	16QAM	12	0	23.74	23.81	23.74	
5	16QAM	12	7	23.82	23.76	23.81	
5	16QAM	12	13	23.64	23.53	23.59	24.9
5	16QAM	25	0	23.84	23.74	23.65	
5	64QAM	1	0	23.72	23.68	23.72	
5	64QAM	1	12	23.68	23.79	23.61	24.9
5	64QAM	1	24	23.64	23.46	23.59	
5	64QAM	12	0	22.84	22.70	22.79	
5	64QAM	12	7	22.63	22.61	22.70	23.9
5	64QAM	12	13	22.65	22.50	22.59	
5	64QAM	25	0	22.78	22.60	22.65	
5	256QAM	1	0	20.90	21.02	20.80	21.9
5	256QAM	1	12	20.65	20.68	20.59	
5	256QAM	1	24	20.42	20.71	20.58	
5	256QAM	12	0	20.98	20.83	21.02	21.9
5	256QAM	12	7	20.80	21.08	20.71	
5	256QAM	12	13	20.70	20.89	20.85	
5	256QAM	25	0	20.89	21.07	20.56	



<LTE Band 38_HPUE_Ant 5_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	26.9
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.9
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.9
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.9
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.9
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.9
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.9
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.9
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	
20	256QAM	50	24	20.61	20.77	20.91	21.9
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	26.9
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	
15	QPSK	36	20	24.69	24.81	24.83	25.9
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	
15	16QAM	1	0	25.02	25.12	25.14	25.9
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	
15	16QAM	36	0	23.75	23.84	23.94	24.9
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	
15	16QAM	75	0	23.85	23.73	23.94	24.9
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	
15	64QAM	1	74	23.72	23.70	23.83	23.9
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	
15	64QAM	36	39	22.74	22.58	22.76	21.9
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	
15	256QAM	1	37	20.67	20.70	20.70	21.9
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	
15	256QAM	36	20	20.61	20.60	20.86	21.9
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	26.9
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.9
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	
10	16QAM	1	0	25.13	25.05	25.12	25.9
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	
10	16QAM	25	0	23.82	23.73	24.01	24.9
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	24.9
10	64QAM	1	25	23.87	23.72	23.96	
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.9
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	
10	256QAM	1	0	20.51	20.65	20.78	21.9
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	
10	256QAM	25	0	20.67	20.56	20.73	21.9
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	26.9
5	QPSK	1	12	25.62	25.69	25.81	
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.9
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	
5	16QAM	1	0	25.15	25.14	25.11	25.9
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	
5	16QAM	12	0	23.74	23.81	23.85	24.9
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	24.9
5	64QAM	1	12	23.70	23.66	23.84	
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	23.9
5	64QAM	12	7	22.82	22.67	22.93	
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.9
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.9
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	



<LTE Band 38_Ant 2_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.84	19.82	19.86	
20	QPSK	1	49	19.67	19.54	19.63	20.9
20	QPSK	1	99	19.52	19.52	19.62	
20	QPSK	50	0	19.73	19.66	19.74	
20	QPSK	50	24	19.67	19.63	19.67	20.9
20	QPSK	50	50	19.64	19.56	19.64	
20	QPSK	100	0	19.68	19.62	19.69	
20	16QAM	1	0	19.83	19.81	19.79	20.9
20	16QAM	1	49	19.68	19.67	19.77	
20	16QAM	1	99	19.63	19.64	19.75	
20	16QAM	50	0	19.74	19.71	19.77	20.9
20	16QAM	50	24	19.70	19.67	19.73	
20	16QAM	50	50	19.65	19.61	19.69	
20	16QAM	100	0	19.69	19.66	19.72	20.9
20	64QAM	1	0	19.55	19.43	19.51	
20	64QAM	1	49	19.51	19.38	19.47	
20	64QAM	1	99	19.36	19.25	19.35	20.9
20	64QAM	50	0	19.71	19.67	19.78	
20	64QAM	50	24	19.70	19.66	19.73	
20	64QAM	50	50	19.65	19.60	19.69	20.9
20	64QAM	100	0	19.68	19.66	19.72	
20	256QAM	1	0	18.92	18.94	18.94	20
20	256QAM	1	49	18.72	18.76	18.66	
20	256QAM	1	99	18.57	18.68	18.68	
20	256QAM	50	0	18.98	19.05	19.02	20
20	256QAM	50	24	18.91	19.02	18.96	
20	256QAM	50	50	18.89	18.96	18.94	
20	256QAM	100	0	18.94	18.96	18.90	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.70	19.65	19.68	
15	QPSK	1	37	19.50	19.42	19.43	20.9
15	QPSK	1	74	19.37	19.33	19.42	
15	QPSK	36	0	19.60	19.52	19.62	20.9
15	QPSK	36	20	19.56	19.43	19.47	
15	QPSK	36	39	19.48	19.37	19.47	
15	QPSK	75	0	19.49	19.48	19.53	20.9
15	16QAM	1	0	19.72	19.61	19.62	
15	16QAM	1	37	19.52	19.48	19.63	
15	16QAM	1	74	19.44	19.53	19.59	20.9
15	16QAM	36	0	19.62	19.58	19.58	
15	16QAM	36	20	19.50	19.55	19.56	
15	16QAM	36	39	19.51	19.44	19.52	20.9
15	16QAM	75	0	19.57	19.48	19.58	
15	64QAM	1	0	19.36	19.31	19.39	
15	64QAM	1	37	19.34	19.19	19.29	20.9
15	64QAM	1	74	19.16	19.09	19.20	
15	64QAM	36	0	19.52	19.50	19.66	
15	64QAM	36	20	19.55	19.47	19.62	20.9
15	64QAM	36	39	19.48	19.46	19.57	
15	64QAM	75	0	19.49	19.50	19.58	
15	256QAM	1	0	18.72	18.82	18.79	20
15	256QAM	1	37	18.58	18.63	18.50	
15	256QAM	1	74	18.41	18.57	18.49	
15	256QAM	36	0	18.83	18.94	18.87	20
15	256QAM	36	20	18.78	18.84	18.85	
15	256QAM	36	39	18.71	18.81	18.77	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.77	18.83	18.74	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.66	19.70	19.71	20.9
10	QPSK	1	25	19.51	19.37	19.52	
10	QPSK	1	49	19.33	19.39	19.52	
10	QPSK	25	0	19.59	19.47	19.61	20.9
10	QPSK	25	12	19.50	19.49	19.52	
10	QPSK	25	25	19.52	19.46	19.45	
10	QPSK	50	0	19.50	19.44	19.50	
10	16QAM	1	0	19.71	19.62	19.65	20.9
10	16QAM	1	25	19.48	19.57	19.67	
10	16QAM	1	49	19.52	19.52	19.62	
10	16QAM	25	0	19.61	19.55	19.57	20.9
10	16QAM	25	12	19.58	19.56	19.55	
10	16QAM	25	25	19.53	19.43	19.49	
10	16QAM	50	0	19.51	19.48	19.56	
10	64QAM	1	0	19.42	19.23	19.33	20.9
10	64QAM	1	25	19.40	19.18	19.33	
10	64QAM	1	49	19.22	19.08	19.15	
10	64QAM	25	0	19.57	19.56	19.67	20.9
10	64QAM	25	12	19.53	19.46	19.56	
10	64QAM	25	25	19.47	19.42	19.53	
10	64QAM	50	0	19.57	19.46	19.60	
10	256QAM	1	0	18.72	18.83	18.83	20
10	256QAM	1	25	18.62	18.65	18.55	
10	256QAM	1	49	18.38	18.51	18.54	
10	256QAM	25	0	18.88	18.91	18.85	20
10	256QAM	25	12	18.80	18.90	18.77	
10	256QAM	25	25	18.69	18.76	18.75	
10	256QAM	50	0	18.76	18.85	18.76	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.67	19.69	19.71	20.9
5	QPSK	1	12	19.53	19.44	19.53	
5	QPSK	1	24	19.37	19.34	19.52	
5	QPSK	12	0	19.56	19.49	19.62	20.9
5	QPSK	12	7	19.48	19.45	19.57	
5	QPSK	12	13	19.53	19.43	19.45	
5	QPSK	25	0	19.57	19.50	19.57	
5	16QAM	1	0	19.73	19.68	19.59	20.9
5	16QAM	1	12	19.49	19.56	19.59	
5	16QAM	1	24	19.43	19.54	19.62	
5	16QAM	12	0	19.58	19.55	19.59	20.9
5	16QAM	12	7	19.55	19.49	19.61	
5	16QAM	12	13	19.50	19.50	19.58	
5	16QAM	25	0	19.56	19.47	19.60	
5	64QAM	1	0	19.40	19.25	19.35	20.9
5	64QAM	1	12	19.40	19.25	19.29	
5	64QAM	1	24	19.20	19.14	19.17	
5	64QAM	12	0	19.51	19.56	19.63	20.9
5	64QAM	12	7	19.51	19.47	19.59	
5	64QAM	12	13	19.45	19.41	19.49	
5	64QAM	25	0	19.54	19.50	19.60	
5	256QAM	1	0	18.79	18.82	18.74	20
5	256QAM	1	12	18.59	18.60	18.49	
5	256QAM	1	24	18.44	18.48	18.57	
5	256QAM	12	0	18.86	18.89	18.90	20
5	256QAM	12	7	18.79	18.82	18.79	
5	256QAM	12	13	18.76	18.82	18.75	
5	256QAM	25	0	18.76	18.86	18.76	



<LTE Band 38_Ant 1_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.11	24.24	24.34	
20	QPSK	1	49	24.11	24.19	24.20	25
20	QPSK	1	99	24.08	24.13	24.16	
20	QPSK	50	0	23.15	23.27	23.31	
20	QPSK	50	24	23.07	23.23	23.26	24
20	QPSK	50	50	23.04	23.14	23.21	
20	QPSK	100	0	23.07	23.18	23.26	
20	16QAM	1	0	23.20	23.37	23.49	24
20	16QAM	1	49	23.11	23.25	23.32	
20	16QAM	1	99	23.15	23.24	23.28	
20	16QAM	50	0	22.12	22.26	22.36	23
20	16QAM	50	24	22.10	22.22	22.31	
20	16QAM	50	50	22.08	22.19	22.26	
20	16QAM	100	0	22.10	22.21	22.29	23
20	64QAM	1	0	21.79	21.95	22.06	
20	64QAM	1	49	21.74	21.86	21.95	
20	64QAM	1	99	21.70	21.79	21.89	22
20	64QAM	50	0	21.10	21.25	21.33	
20	64QAM	50	24	21.07	21.21	21.29	
20	64QAM	50	50	21.06	21.16	21.24	20
20	64QAM	100	0	21.06	21.18	21.27	
20	256QAM	1	0	18.95	19.07	19.17	
20	256QAM	1	49	18.90	19.05	19.09	20
20	256QAM	1	99	18.75	18.96	19.03	
20	256QAM	50	0	19.06	19.25	19.29	20
20	256QAM	50	24	19.02	19.21	19.28	
20	256QAM	50	50	18.99	19.19	19.22	
20	256QAM	100	0	19.03	19.17	19.23	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.09	24.11	24.25	25
15	QPSK	1	37	24.02	23.99	24.19	
15	QPSK	1	74	24.03	24.05	24.11	
15	QPSK	36	0	22.98	23.07	23.22	24
15	QPSK	36	20	22.87	23.23	23.06	
15	QPSK	36	39	22.98	23.14	23.04	
15	QPSK	75	0	23.04	23.11	23.18	24
15	16QAM	1	0	23.08	23.30	23.46	
15	16QAM	1	37	22.99	23.21	23.27	
15	16QAM	1	74	23.15	23.24	23.17	23
15	16QAM	36	0	21.98	22.16	22.35	
15	16QAM	36	20	22.08	22.04	22.24	
15	16QAM	36	39	21.95	22.12	22.20	23
15	16QAM	75	0	22.01	22.13	22.14	
15	64QAM	1	0	21.67	21.87	21.92	
15	64QAM	1	37	21.61	21.67	21.75	23
15	64QAM	1	74	21.63	21.72	21.87	
15	64QAM	36	0	20.97	21.07	21.14	
15	64QAM	36	20	20.90	21.15	21.18	22
15	64QAM	36	39	20.93	21.03	21.18	
15	64QAM	75	0	21.06	20.99	21.12	
15	256QAM	1	0	18.82	19.07	19.05	20
15	256QAM	1	37	18.88	19.05	18.91	
15	256QAM	1	74	18.75	18.91	18.92	
15	256QAM	36	0	18.94	19.06	19.18	20
15	256QAM	36	20	18.87	19.07	19.08	
15	256QAM	36	39	18.85	19.15	19.06	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.95	19.01	19.05	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.97	24.14	24.24	25
10	QPSK	1	25	23.96	24.10	24.10	
10	QPSK	1	49	24.07	23.99	24.14	
10	QPSK	25	0	23.13	23.07	23.19	24
10	QPSK	25	12	23.07	23.12	23.07	
10	QPSK	25	25	22.86	23.11	23.10	
10	QPSK	50	0	23.00	23.00	23.17	
10	16QAM	1	0	23.05	23.27	23.29	24
10	16QAM	1	25	23.05	23.07	23.13	
10	16QAM	1	49	23.04	23.05	23.23	
10	16QAM	25	0	22.08	22.11	22.19	23
10	16QAM	25	12	21.98	22.11	22.18	
10	16QAM	25	25	22.00	22.17	22.16	
10	16QAM	50	0	21.97	22.17	22.23	
10	64QAM	1	0	21.69	21.75	21.87	23
10	64QAM	1	25	21.74	21.73	21.86	
10	64QAM	1	49	21.66	21.71	21.85	
10	64QAM	25	0	20.96	21.24	21.19	22
10	64QAM	25	12	21.02	21.11	21.18	
10	64QAM	25	25	20.95	20.97	21.21	
10	64QAM	50	0	20.91	21.14	21.25	
10	256QAM	1	0	18.88	19.00	19.12	20
10	256QAM	1	25	18.72	19.03	19.09	
10	256QAM	1	49	18.65	18.92	18.88	
10	256QAM	25	0	18.90	19.11	19.13	20
10	256QAM	25	12	18.96	19.20	19.13	
10	256QAM	25	25	18.90	19.06	19.14	
10	256QAM	50	0	18.86	19.12	19.17	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.91	24.19	24.24	25
5	QPSK	1	12	24.06	24.17	24.14	
5	QPSK	1	24	24.05	23.93	23.99	
5	QPSK	12	0	22.96	23.13	23.22	24
5	QPSK	12	7	22.90	23.06	23.14	
5	QPSK	12	13	23.03	22.95	23.12	
5	QPSK	25	0	22.89	23.10	23.26	
5	16QAM	1	0	23.11	23.35	23.44	24
5	16QAM	1	12	23.02	23.09	23.13	
5	16QAM	1	24	22.95	23.21	23.28	
5	16QAM	12	0	22.11	22.25	22.21	23
5	16QAM	12	7	21.98	22.07	22.25	
5	16QAM	12	13	22.07	22.14	22.15	
5	16QAM	25	0	22.07	22.12	22.23	
5	64QAM	1	0	21.65	21.82	21.94	23
5	64QAM	1	12	21.71	21.85	21.88	
5	64QAM	1	24	21.53	21.73	21.76	
5	64QAM	12	0	20.97	21.17	21.25	22
5	64QAM	12	7	20.87	21.08	21.23	
5	64QAM	12	13	21.03	20.97	21.17	
5	64QAM	25	0	21.03	21.12	21.10	
5	256QAM	1	0	18.80	18.87	19.15	20
5	256QAM	1	12	18.73	18.92	18.93	
5	256QAM	1	24	18.68	18.84	18.99	
5	256QAM	12	0	18.94	19.20	19.14	20
5	256QAM	12	7	18.93	19.20	19.23	
5	256QAM	12	13	18.98	19.08	19.03	
5	256QAM	25	0	18.97	19.10	19.15	



<LTE Band 38_Ant 0_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.32	23.27	23.31	
20	QPSK	1	49	23.17	23.25	23.28	24.6
20	QPSK	1	99	23.13	23.05	23.14	
20	QPSK	50	0	22.90	22.80	22.90	
20	QPSK	50	24	22.85	22.76	22.83	24
20	QPSK	50	50	22.81	22.70	22.77	
20	QPSK	100	0	22.83	22.77	22.82	
20	16QAM	1	0	22.99	22.98	23.06	24
20	16QAM	1	49	22.89	22.81	22.88	
20	16QAM	1	99	22.83	22.72	22.79	
20	16QAM	50	0	21.90	21.88	21.96	23
20	16QAM	50	24	21.92	21.84	21.87	
20	16QAM	50	50	21.86	21.76	21.80	
20	16QAM	100	0	21.88	21.81	21.85	23
20	64QAM	1	0	21.57	21.55	21.59	
20	64QAM	1	49	21.58	21.47	21.55	
20	64QAM	1	99	21.40	21.28	21.40	22
20	64QAM	50	0	20.88	20.82	20.90	
20	64QAM	50	24	20.86	20.75	20.83	
20	64QAM	50	50	20.79	20.69	20.77	20
20	64QAM	100	0	20.83	20.76	20.82	
20	256QAM	1	0	18.89	18.96	18.88	
20	256QAM	1	49	18.90	18.80	18.72	20
20	256QAM	1	99	18.68	18.71	18.71	
20	256QAM	50	0	18.92	19.09	19.00	20
20	256QAM	50	24	18.94	18.90	18.89	
20	256QAM	50	50	19.00	19.01	18.89	
20	256QAM	100	0	19.01	18.98	19.05	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.21	23.21	23.20	
15	QPSK	1	37	23.02	23.05	23.28	24.6
15	QPSK	1	74	23.11	22.97	23.11	
15	QPSK	36	0	22.77	22.64	22.86	24
15	QPSK	36	20	22.77	22.69	22.70	
15	QPSK	36	39	22.61	22.69	22.58	
15	QPSK	75	0	22.70	22.61	22.75	24
15	16QAM	1	0	22.80	22.92	22.99	
15	16QAM	1	37	22.79	22.78	22.74	
15	16QAM	1	74	22.75	22.55	22.73	23
15	16QAM	36	0	21.74	21.75	21.84	
15	16QAM	36	20	21.76	21.71	21.67	
15	16QAM	36	39	21.76	21.63	21.60	23
15	16QAM	75	0	21.70	21.64	21.67	
15	64QAM	1	0	21.42	21.42	21.57	
15	64QAM	1	37	21.58	21.36	21.55	22
15	64QAM	1	74	21.35	21.20	21.28	
15	64QAM	36	0	20.87	20.67	20.87	
15	64QAM	36	20	20.80	20.55	20.66	20
15	64QAM	36	39	20.63	20.58	20.65	
15	64QAM	75	0	20.69	20.56	20.69	
15	256QAM	1	0	18.86	18.78	18.71	20
15	256QAM	1	37	18.71	18.68	18.55	
15	256QAM	1	74	18.65	18.70	18.65	
15	256QAM	36	0	18.73	18.89	18.85	20
15	256QAM	36	20	18.80	18.81	18.79	
15	256QAM	36	39	18.82	18.98	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.94	18.91	19.03	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.18	23.26	23.26	24.6
10	QPSK	1	25	23.04	23.25	23.13	
10	QPSK	1	49	23.02	23.01	23.05	
10	QPSK	25	0	22.81	22.67	22.85	24
10	QPSK	25	12	22.72	22.65	22.83	
10	QPSK	25	25	22.62	22.51	22.63	
10	QPSK	50	0	22.65	22.71	22.74	
10	16QAM	1	0	22.87	22.90	23.04	24
10	16QAM	1	25	22.72	22.71	22.74	
10	16QAM	1	49	22.67	22.64	22.59	
10	16QAM	25	0	21.89	21.85	21.94	23
10	16QAM	25	12	21.73	21.72	21.79	
10	16QAM	25	25	21.83	21.56	21.66	
10	16QAM	50	0	21.80	21.81	21.70	
10	64QAM	1	0	21.51	21.38	21.50	23
10	64QAM	1	25	21.42	21.29	21.41	
10	64QAM	1	49	21.23	21.26	21.34	
10	64QAM	25	0	20.76	20.67	20.90	22
10	64QAM	25	12	20.83	20.60	20.79	
10	64QAM	25	25	20.64	20.68	20.60	
10	64QAM	50	0	20.80	20.61	20.73	
10	256QAM	1	0	18.80	18.88	18.72	20
10	256QAM	1	25	18.88	18.75	18.60	
10	256QAM	1	49	18.63	18.53	18.55	
10	256QAM	25	0	18.74	18.97	18.91	20
10	256QAM	25	12	18.77	18.83	18.70	
10	256QAM	25	25	18.96	18.85	18.75	
10	256QAM	50	0	18.85	18.94	18.86	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.32	23.23	23.17	24.6
5	QPSK	1	12	23.04	23.13	23.11	
5	QPSK	1	24	23.03	22.95	22.99	
5	QPSK	12	0	22.76	22.69	22.88	24
5	QPSK	12	7	22.83	22.57	22.70	
5	QPSK	12	13	22.76	22.69	22.76	
5	QPSK	25	0	22.76	22.63	22.68	
5	16QAM	1	0	22.92	22.82	22.96	24
5	16QAM	1	12	22.83	22.61	22.84	
5	16QAM	1	24	22.64	22.70	22.64	
5	16QAM	12	0	21.73	21.73	21.79	23
5	16QAM	12	7	21.87	21.74	21.74	
5	16QAM	12	13	21.82	21.66	21.76	
5	16QAM	25	0	21.78	21.65	21.80	
5	64QAM	1	0	21.56	21.45	21.57	23
5	64QAM	1	12	21.53	21.32	21.37	
5	64QAM	1	24	21.30	21.11	21.39	
5	64QAM	12	0	20.81	20.74	20.86	22
5	64QAM	12	7	20.72	20.55	20.78	
5	64QAM	12	13	20.62	20.64	20.65	
5	64QAM	25	0	20.74	20.60	20.70	
5	256QAM	1	0	18.69	18.96	18.76	20
5	256QAM	1	12	18.86	18.80	18.56	
5	256QAM	1	24	18.68	18.71	18.65	
5	256QAM	12	0	18.74	18.93	18.94	20
5	256QAM	12	7	18.91	18.78	18.73	
5	256QAM	12	13	18.98	18.86	18.85	
5	256QAM	25	0	18.86	18.84	18.95	



<LTE Band 38_Ant 5_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	25
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	25
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	23
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	22
15	64QAM	36	20	20.69	20.77	20.95	
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	20
15	256QAM	1	0	18.67	18.73	18.68	
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	20
15	256QAM	36	0	18.71	18.76	18.81	
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	25
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	25
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	



<LTE Band 38_HPUE_Ant 2_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.13	21.08	21.18	
20	QPSK	1	49	21.06	21.03	21.15	22.5
20	QPSK	1	99	21.27	21.19	21.29	
20	QPSK	50	0	21.21	21.15	21.21	
20	QPSK	50	24	21.14	21.09	21.18	22.5
20	QPSK	50	50	21.18	21.18	21.26	
20	QPSK	100	0	21.22	21.16	21.22	
20	16QAM	1	0	21.09	21.06	21.09	22.5
20	16QAM	1	49	21.02	21.02	21.07	
20	16QAM	1	99	21.20	21.26	21.03	
20	16QAM	50	0	21.20	21.21	21.29	22.5
20	16QAM	50	24	21.22	21.16	21.22	
20	16QAM	50	50	21.28	21.21	21.28	
20	16QAM	100	0	20.95	20.90	21.00	22.5
20	64QAM	1	0	21.23	21.11	21.24	
20	64QAM	1	49	21.16	21.16	21.23	
20	64QAM	1	99	21.29	21.20	21.27	22.5
20	64QAM	50	0	21.23	21.18	21.24	
20	64QAM	50	24	21.17	21.16	21.21	
20	64QAM	50	50	21.25	21.19	21.26	21.9
20	64QAM	100	0	21.17	21.08	21.16	
20	256QAM	1	0	21.00	20.92	20.98	
20	256QAM	1	49	20.90	20.92	20.86	21.9
20	256QAM	1	99	21.11	21.19	21.17	
20	256QAM	50	0	21.16	21.08	21.17	
20	256QAM	50	24	21.01	21.08	21.01	21.9
20	256QAM	50	50	20.98	21.10	21.07	
20	256QAM	100	0	21.52	21.56	21.57	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.09	21.01	21.13	
15	QPSK	1	37	20.96	20.94	21.07	22.5
15	QPSK	1	74	20.96	20.88	21.01	
15	QPSK	36	0	21.16	20.99	21.16	
15	QPSK	36	20	21.01	21.01	21.09	22.5
15	QPSK	36	39	20.96	20.93	21.02	
15	QPSK	75	0	21.03	20.99	21.15	
15	16QAM	1	0	21.03	21.01	21.07	22.5
15	16QAM	1	37	20.95	20.93	20.92	
15	16QAM	1	74	20.86	20.83	20.91	
15	16QAM	36	0	21.05	21.14	20.91	22.5
15	16QAM	36	20	21.00	21.08	21.18	
15	16QAM	36	39	21.02	20.97	21.06	
15	16QAM	75	0	21.11	21.10	21.10	22.5
15	64QAM	1	0	20.83	20.79	20.81	
15	64QAM	1	37	21.12	20.91	21.09	
15	64QAM	1	74	21.05	21.06	21.04	22.5
15	64QAM	36	0	21.10	21.03	21.07	
15	64QAM	36	20	21.12	21.03	21.13	
15	64QAM	36	39	20.98	20.96	21.01	21.9
15	64QAM	75	0	21.09	21.06	21.09	
15	256QAM	1	0	21.18	21.14	21.14	
15	256QAM	1	37	20.97	21.00	20.98	21.9
15	256QAM	1	74	20.96	20.85	20.93	
15	256QAM	36	0	21.09	21.18	21.26	
15	256QAM	36	20	21.17	21.11	21.17	21.9
15	256QAM	36	39	21.01	21.00	21.10	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	21.00	21.07	21.10	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.07	21.04	21.14	22.5
10	QPSK	1	25	20.99	20.91	20.98	
10	QPSK	1	49	20.87	20.93	21.04	
10	QPSK	25	0	21.12	21.01	21.14	22.5
10	QPSK	25	12	21.05	21.04	21.09	
10	QPSK	25	25	20.96	20.95	21.00	
10	QPSK	50	0	21.05	21.08	21.07	22.5
10	16QAM	1	0	21.06	21.00	21.08	
10	16QAM	1	25	20.91	20.91	20.97	
10	16QAM	1	49	20.90	20.82	20.89	22.5
10	16QAM	25	0	21.01	21.08	20.89	
10	16QAM	25	12	21.03	21.06	21.15	
10	16QAM	25	25	21.02	21.06	21.08	22.5
10	16QAM	50	0	21.14	21.01	21.09	
10	64QAM	1	0	20.75	20.80	20.86	
10	64QAM	1	25	21.06	20.92	21.08	22.5
10	64QAM	1	49	20.98	21.00	21.08	
10	64QAM	25	0	21.12	21.01	21.16	
10	64QAM	25	12	21.08	21.08	21.09	22.5
10	64QAM	25	25	21.05	20.98	21.06	
10	64QAM	50	0	21.08	21.01	21.14	
10	256QAM	1	0	21.16	21.11	21.23	21.9
10	256QAM	1	25	21.05	20.94	21.01	
10	256QAM	1	49	20.94	20.89	20.88	
10	256QAM	25	0	21.08	21.14	21.22	21.9
10	256QAM	25	12	21.14	21.09	21.24	
10	256QAM	25	25	21.07	21.06	21.03	
10	256QAM	50	0	21.04	21.08	21.09	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.11	21.01	21.15	22.5
5	QPSK	1	12	21.00	20.95	21.00	
5	QPSK	1	24	20.93	20.85	20.95	
5	QPSK	12	0	21.10	21.04	21.10	22.5
5	QPSK	12	7	21.07	20.98	21.06	
5	QPSK	12	13	20.99	20.94	21.01	
5	QPSK	25	0	20.99	21.03	21.10	22.5
5	16QAM	1	0	21.05	21.04	21.09	
5	16QAM	1	12	20.98	20.92	20.97	
5	16QAM	1	24	20.85	20.82	20.97	22.5
5	16QAM	12	0	21.09	21.07	20.90	
5	16QAM	12	7	21.07	21.07	21.16	
5	16QAM	12	13	21.11	21.06	21.12	22.5
5	16QAM	25	0	21.08	21.05	21.17	
5	64QAM	1	0	20.78	20.74	20.87	
5	64QAM	1	12	21.13	20.92	21.08	22.5
5	64QAM	1	24	21.01	21.06	21.12	
5	64QAM	12	0	21.11	21.06	21.13	
5	64QAM	12	7	21.09	21.03	21.09	22.5
5	64QAM	12	13	20.97	20.99	21.01	
5	64QAM	25	0	21.14	21.04	21.07	
5	256QAM	1	0	21.15	21.08	21.21	21.9
5	256QAM	1	12	20.97	21.00	21.05	
5	256QAM	1	24	20.92	20.92	20.93	
5	256QAM	12	0	21.07	21.10	21.20	21.9
5	256QAM	12	7	21.13	21.10	21.19	
5	256QAM	12	13	21.06	21.08	21.05	
5	256QAM	25	0	21.00	21.11	21.02	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	



<LTE Band 38_HPUE_Ant 1_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.97	26.11	26.17	
20	QPSK	1	49	25.90	25.99	25.98	26.9
20	QPSK	1	99	25.93	25.94	25.94	
20	QPSK	50	0	25.01	25.14	25.24	
20	QPSK	50	24	24.99	25.09	25.20	25.9
20	QPSK	50	50	24.95	25.05	25.16	
20	QPSK	100	0	24.98	25.08	25.18	
20	16QAM	1	0	25.30	25.48	25.54	25.9
20	16QAM	1	49	25.24	25.35	25.34	
20	16QAM	1	99	25.27	25.30	25.26	
20	16QAM	50	0	24.05	24.17	24.27	24.9
20	16QAM	50	24	24.04	24.14	24.23	
20	16QAM	50	50	24.01	24.11	24.20	
20	16QAM	100	0	24.02	24.12	24.20	24.9
20	64QAM	1	0	24.03	24.21	24.30	
20	64QAM	1	49	23.96	24.08	24.13	
20	64QAM	1	99	23.98	24.05	24.06	23.9
20	64QAM	50	0	22.97	23.10	23.19	
20	64QAM	50	24	22.94	23.06	23.14	
20	64QAM	50	50	22.93	23.04	23.10	21.9
20	64QAM	100	0	22.94	23.06	23.14	
20	256QAM	1	0	20.98	21.15	21.21	
20	256QAM	1	49	20.85	21.05	21.10	21.9
20	256QAM	1	99	20.82	21.00	21.01	
20	256QAM	50	0	21.03	21.22	21.24	
20	256QAM	50	24	20.88	21.15	21.18	21.9
20	256QAM	50	50	20.86	21.09	21.13	
20	256QAM	100	0	20.88	21.13	21.16	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.90	26.09	26.06	
15	QPSK	1	37	25.87	25.84	25.82	26.9
15	QPSK	1	74	25.89	25.92	25.83	
15	QPSK	36	0	24.90	25.07	25.12	
15	QPSK	36	20	24.96	24.97	25.03	25.9
15	QPSK	36	39	24.81	24.87	24.99	
15	QPSK	75	0	24.91	25.01	25.11	
15	16QAM	1	0	25.12	25.28	25.43	25.9
15	16QAM	1	37	25.24	25.21	25.15	
15	16QAM	1	74	25.14	25.28	25.14	
15	16QAM	36	0	23.94	24.00	24.15	24.9
15	16QAM	36	20	23.84	23.99	24.08	
15	16QAM	36	39	23.94	24.06	24.15	
15	16QAM	75	0	23.83	24.08	24.20	24.9
15	64QAM	1	0	23.89	24.20	24.23	
15	64QAM	1	37	23.84	23.98	23.94	
15	64QAM	1	74	23.87	23.89	23.89	23.9
15	64QAM	36	0	22.79	23.05	23.07	
15	64QAM	36	20	22.83	23.05	23.11	
15	64QAM	36	39	22.82	22.89	22.99	21.9
15	64QAM	75	0	22.88	22.99	23.12	
15	256QAM	1	0	20.98	21.08	21.03	
15	256QAM	1	37	20.69	20.97	21.06	21.9
15	256QAM	1	74	20.68	20.93	20.97	
15	256QAM	36	0	20.99	21.17	21.06	
15	256QAM	36	20	20.86	20.96	21.03	21.9
15	256QAM	36	39	20.84	20.95	21.12	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.71	20.93	21.11	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.79	26.11	26.05	26.9
10	QPSK	1	25	25.75	25.80	25.92	
10	QPSK	1	49	25.77	25.74	25.81	
10	QPSK	25	0	25.00	25.07	25.11	25.9
10	QPSK	25	12	24.91	25.03	25.00	
10	QPSK	25	25	24.86	24.96	25.08	
10	QPSK	50	0	24.94	25.03	25.00	
10	16QAM	1	0	25.11	25.37	25.44	25.9
10	16QAM	1	25	25.08	25.28	25.15	
10	16QAM	1	49	25.10	25.13	25.23	
10	16QAM	25	0	23.99	24.11	24.15	24.9
10	16QAM	25	12	23.94	24.14	24.23	
10	16QAM	25	25	23.88	24.06	24.08	
10	16QAM	50	0	23.99	23.94	24.01	
10	64QAM	1	0	23.91	24.04	24.12	24.9
10	64QAM	1	25	23.87	23.92	24.09	
10	64QAM	1	49	23.98	23.99	24.04	
10	64QAM	25	0	22.82	22.90	23.14	23.9
10	64QAM	25	12	22.82	22.97	23.09	
10	64QAM	25	25	22.88	22.97	23.05	
10	64QAM	50	0	22.80	23.06	23.12	
10	256QAM	1	0	20.88	21.05	21.18	21.9
10	256QAM	1	25	20.72	20.91	20.94	
10	256QAM	1	49	20.74	20.91	20.91	
10	256QAM	25	0	20.92	21.11	21.18	21.9
10	256QAM	25	12	20.86	21.14	21.12	
10	256QAM	25	25	20.85	20.99	21.05	
10	256QAM	50	0	20.75	21.07	21.08	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	26.10	26.11	26.9
5	QPSK	1	12	25.87	25.98	25.96	
5	QPSK	1	24	25.87	25.91	25.75	
5	QPSK	12	0	24.94	24.94	25.20	25.9
5	QPSK	12	7	24.98	24.99	25.07	
5	QPSK	12	13	24.77	24.88	25.04	
5	QPSK	25	0	24.90	24.94	25.12	
5	16QAM	1	0	25.17	25.42	25.35	25.9
5	16QAM	1	12	25.23	25.25	25.30	
5	16QAM	1	24	25.14	25.23	25.15	
5	16QAM	12	0	23.88	24.04	24.20	24.9
5	16QAM	12	7	23.84	23.96	24.04	
5	16QAM	12	13	23.94	24.03	24.06	
5	16QAM	25	0	23.99	23.97	24.01	
5	64QAM	1	0	23.94	24.05	24.28	24.9
5	64QAM	1	12	23.91	23.90	24.10	
5	64QAM	1	24	23.92	23.88	23.95	
5	64QAM	12	0	22.88	22.91	23.03	23.9
5	64QAM	12	7	22.85	22.90	23.09	
5	64QAM	12	13	22.92	22.98	23.03	
5	64QAM	25	0	22.94	23.05	23.04	
5	256QAM	1	0	20.81	20.97	21.21	21.9
5	256QAM	1	12	20.72	20.87	21.07	
5	256QAM	1	24	20.63	20.91	20.85	
5	256QAM	12	0	20.90	21.03	21.13	21.9
5	256QAM	12	7	20.87	21.05	21.04	
5	256QAM	12	13	20.84	21.00	20.96	
5	256QAM	25	0	20.70	21.09	21.11	



<LTE Band 38_HPUE_Ant 0_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.29	25.30	25.40	
20	QPSK	1	49	25.24	25.17	25.23	26.2
20	QPSK	1	99	25.19	25.05	25.08	
20	QPSK	50	0	25.36	25.31	25.38	
20	QPSK	50	24	25.32	25.28	25.34	25.9
20	QPSK	50	50	25.28	25.19	25.30	
20	QPSK	100	0	25.30	25.25	25.32	
20	16QAM	1	0	25.06	25.06	25.14	25.9
20	16QAM	1	49	25.02	24.96	25.02	
20	16QAM	1	99	24.92	24.83	24.83	
20	16QAM	50	0	23.87	23.84	23.92	24.9
20	16QAM	50	24	23.84	23.78	23.85	
20	16QAM	50	50	23.81	23.73	23.77	
20	16QAM	100	0	23.84	23.80	23.83	24.9
20	64QAM	1	0	23.86	23.86	23.91	
20	64QAM	1	49	23.84	23.79	23.78	
20	64QAM	1	99	23.76	23.64	23.65	23.9
20	64QAM	50	0	22.84	22.77	22.85	
20	64QAM	50	24	22.79	22.76	22.81	
20	64QAM	50	50	22.78	22.68	22.73	21.9
20	64QAM	100	0	22.79	22.74	22.81	
20	256QAM	1	0	21.10	21.20	20.93	
20	256QAM	1	49	20.79	20.75	20.77	21.9
20	256QAM	1	99	20.60	20.75	20.76	
20	256QAM	50	0	21.07	20.98	21.06	
20	256QAM	50	24	20.91	21.15	20.85	21.9
20	256QAM	50	50	20.78	21.05	20.91	
20	256QAM	100	0	20.97	21.10	20.71	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.26	25.21	25.28	
15	QPSK	1	37	25.07	24.98	25.03	26.2
15	QPSK	1	74	25.13	24.91	24.98	
15	QPSK	36	0	25.34	25.29	25.36	
15	QPSK	36	20	25.30	25.12	25.17	25.9
15	QPSK	36	39	25.27	25.09	25.18	
15	QPSK	75	0	25.30	25.09	25.28	
15	16QAM	1	0	24.86	24.96	24.96	25.9
15	16QAM	1	37	24.94	24.78	24.82	
15	16QAM	1	74	24.91	24.78	24.81	
15	16QAM	36	0	23.70	23.75	23.84	24.9
15	16QAM	36	20	23.83	23.77	23.65	
15	16QAM	36	39	23.67	23.67	23.64	
15	16QAM	75	0	23.72	23.70	23.64	24.9
15	64QAM	1	0	23.71	23.83	23.74	
15	64QAM	1	37	23.83	23.77	23.62	
15	64QAM	1	74	23.56	23.52	23.46	23.9
15	64QAM	36	0	22.64	22.77	22.76	
15	64QAM	36	20	22.71	22.72	22.73	
15	64QAM	36	39	22.61	22.68	22.69	21.9
15	64QAM	75	0	22.61	22.70	22.70	
15	256QAM	1	0	20.99	21.09	20.90	
15	256QAM	1	37	20.60	20.59	20.66	21.9
15	256QAM	1	74	20.49	20.55	20.58	
15	256QAM	36	0	21.04	20.83	20.92	
15	256QAM	36	20	20.75	21.10	20.68	21.9
15	256QAM	36	39	20.58	21.02	20.82	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.83	20.96	20.56	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.26	25.17	25.39	26.2
10	QPSK	1	25	25.23	24.98	25.17	
10	QPSK	1	49	25.02	24.97	24.92	
10	QPSK	25	0	25.19	25.22	25.26	25.9
10	QPSK	25	12	25.15	25.24	25.31	
10	QPSK	25	25	25.14	25.11	25.22	
10	QPSK	50	0	25.30	25.08	25.25	25.9
10	16QAM	1	0	24.87	25.00	25.12	
10	16QAM	1	25	24.89	24.81	24.82	
10	16QAM	1	49	24.92	24.77	24.65	24.9
10	16QAM	25	0	23.76	23.69	23.84	
10	16QAM	25	12	23.74	23.61	23.83	
10	16QAM	25	25	23.61	23.70	23.63	24.9
10	16QAM	50	0	23.76	23.67	23.73	
10	64QAM	1	0	23.75	23.68	23.75	
10	64QAM	1	25	23.83	23.62	23.62	24.9
10	64QAM	1	49	23.71	23.46	23.49	
10	64QAM	25	0	22.77	22.63	22.67	
10	64QAM	25	12	22.59	22.76	22.71	23.9
10	64QAM	25	25	22.75	22.51	22.71	
10	64QAM	50	0	22.77	22.56	22.74	
10	256QAM	1	0	21.09	21.13	20.74	21.9
10	256QAM	1	25	20.62	20.60	20.75	
10	256QAM	1	49	20.52	20.75	20.76	
10	256QAM	25	0	21.02	20.79	20.96	21.9
10	256QAM	25	12	20.86	21.00	20.66	
10	256QAM	25	25	20.74	20.97	20.77	
10	256QAM	50	0	20.89	20.92	20.65	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.09	25.10	25.39	26.2
5	QPSK	1	12	25.23	24.97	25.21	
5	QPSK	1	24	25.10	25.02	25.05	
5	QPSK	12	0	25.27	25.13	25.38	25.9
5	QPSK	12	7	25.20	25.25	25.20	
5	QPSK	12	13	25.12	25.15	25.27	
5	QPSK	25	0	25.16	25.16	25.21	25.9
5	16QAM	1	0	25.04	25.02	24.95	
5	16QAM	1	12	24.94	24.77	24.92	
5	16QAM	1	24	24.88	24.82	24.70	24.9
5	16QAM	12	0	23.74	23.81	23.74	
5	16QAM	12	7	23.82	23.76	23.81	
5	16QAM	12	13	23.64	23.53	23.59	24.9
5	16QAM	25	0	23.84	23.74	23.65	
5	64QAM	1	0	23.72	23.68	23.72	
5	64QAM	1	12	23.68	23.79	23.61	24.9
5	64QAM	1	24	23.64	23.46	23.59	
5	64QAM	12	0	22.84	22.70	22.79	
5	64QAM	12	7	22.63	22.61	22.70	23.9
5	64QAM	12	13	22.65	22.50	22.59	
5	64QAM	25	0	22.78	22.60	22.65	
5	256QAM	1	0	20.90	21.02	20.80	21.9
5	256QAM	1	12	20.65	20.68	20.59	
5	256QAM	1	24	20.42	20.71	20.58	
5	256QAM	12	0	20.98	20.83	21.02	21.9
5	256QAM	12	7	20.80	21.08	20.71	
5	256QAM	12	13	20.70	20.89	20.85	
5	256QAM	25	0	20.89	21.07	20.56	



<LTE Band 38_HPUE_Ant 5_Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	26.9
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.9
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.9
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.9
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.9
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.9
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.9
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.9
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	
20	256QAM	50	24	20.61	20.77	20.91	21.9
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	26.9
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	25.9
15	QPSK	36	20	24.69	24.81	24.83	
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	25.9
15	16QAM	1	0	25.02	25.12	25.14	
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	24.9
15	16QAM	36	0	23.75	23.84	23.94	
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	24.9
15	16QAM	75	0	23.85	23.73	23.94	
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	23.9
15	64QAM	1	74	23.72	23.70	23.83	
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	21.9
15	64QAM	36	39	22.74	22.58	22.76	
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	21.9
15	256QAM	1	37	20.67	20.70	20.70	
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	21.9
15	256QAM	36	20	20.61	20.60	20.86	
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	26.9
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.9
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	
10	16QAM	1	0	25.13	25.05	25.12	25.9
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	
10	16QAM	25	0	23.82	23.73	24.01	24.9
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	24.9
10	64QAM	1	25	23.87	23.72	23.96	
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.9
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	
10	256QAM	1	0	20.51	20.65	20.78	21.9
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	
10	256QAM	25	0	20.67	20.56	20.73	21.9
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	26.9
5	QPSK	1	12	25.62	25.69	25.81	
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.9
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	
5	16QAM	1	0	25.15	25.14	25.11	25.9
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	
5	16QAM	12	0	23.74	23.81	23.85	24.9
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	24.9
5	64QAM	1	12	23.70	23.66	23.84	
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	23.9
5	64QAM	12	7	22.82	22.67	22.93	
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.9
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.9
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	

**<LTE Band 38_Ant 2_Index 6>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.84	19.82	19.86	
20	QPSK	1	49	19.67	19.54	19.63	20.2
20	QPSK	1	99	19.52	19.52	19.62	
20	QPSK	50	0	19.73	19.66	19.74	
20	QPSK	50	24	19.67	19.63	19.67	20.2
20	QPSK	50	50	19.64	19.56	19.64	
20	QPSK	100	0	19.68	19.62	19.69	
20	16QAM	1	0	19.83	19.81	19.79	20.2
20	16QAM	1	49	19.68	19.67	19.77	
20	16QAM	1	99	19.63	19.64	19.75	
20	16QAM	50	0	19.74	19.71	19.77	20.2
20	16QAM	50	24	19.70	19.67	19.73	
20	16QAM	50	50	19.65	19.61	19.69	
20	16QAM	100	0	19.69	19.66	19.72	20.2
20	64QAM	1	0	19.55	19.43	19.51	
20	64QAM	1	49	19.51	19.38	19.47	
20	64QAM	1	99	19.36	19.25	19.35	20.2
20	64QAM	50	0	19.71	19.67	19.78	
20	64QAM	50	24	19.70	19.66	19.73	
20	64QAM	50	50	19.65	19.60	19.69	20.2
20	64QAM	100	0	19.68	19.66	19.72	
20	256QAM	1	0	18.92	18.94	18.94	
20	256QAM	1	49	18.72	18.76	18.66	20
20	256QAM	1	99	18.57	18.68	18.68	
20	256QAM	50	0	18.98	19.05	19.02	
20	256QAM	50	24	18.91	19.02	18.96	20
20	256QAM	50	50	18.89	18.96	18.94	
20	256QAM	100	0	18.94	18.96	18.90	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.70	19.65	19.68	
15	QPSK	1	37	19.50	19.42	19.43	20.2
15	QPSK	1	74	19.37	19.33	19.42	
15	QPSK	36	0	19.60	19.52	19.62	
15	QPSK	36	20	19.56	19.43	19.47	20.2
15	QPSK	36	39	19.48	19.37	19.47	
15	QPSK	75	0	19.49	19.48	19.53	
15	16QAM	1	0	19.72	19.61	19.62	20.2
15	16QAM	1	37	19.52	19.48	19.63	
15	16QAM	1	74	19.44	19.53	19.59	
15	16QAM	36	0	19.62	19.58	19.58	20.2
15	16QAM	36	20	19.50	19.55	19.56	
15	16QAM	36	39	19.51	19.44	19.52	
15	16QAM	75	0	19.57	19.48	19.58	20.2
15	64QAM	1	0	19.36	19.31	19.39	
15	64QAM	1	37	19.34	19.19	19.29	
15	64QAM	1	74	19.16	19.09	19.20	20.2
15	64QAM	36	0	19.52	19.50	19.66	
15	64QAM	36	20	19.55	19.47	19.62	
15	64QAM	36	39	19.48	19.46	19.57	20
15	64QAM	75	0	19.49	19.50	19.58	
15	256QAM	1	0	18.72	18.82	18.79	
15	256QAM	1	37	18.58	18.63	18.50	20
15	256QAM	1	74	18.41	18.57	18.49	
15	256QAM	36	0	18.83	18.94	18.87	
15	256QAM	36	20	18.78	18.84	18.85	20
15	256QAM	36	39	18.71	18.81	18.77	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.77	18.83	18.74	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.66	19.70	19.71	20.2
10	QPSK	1	25	19.51	19.37	19.52	
10	QPSK	1	49	19.33	19.39	19.52	
10	QPSK	25	0	19.59	19.47	19.61	20.2
10	QPSK	25	12	19.50	19.49	19.52	
10	QPSK	25	25	19.52	19.46	19.45	
10	QPSK	50	0	19.50	19.44	19.50	
10	16QAM	1	0	19.71	19.62	19.65	20.2
10	16QAM	1	25	19.48	19.57	19.67	
10	16QAM	1	49	19.52	19.52	19.62	
10	16QAM	25	0	19.61	19.55	19.57	20.2
10	16QAM	25	12	19.58	19.56	19.55	
10	16QAM	25	25	19.53	19.43	19.49	
10	16QAM	50	0	19.51	19.48	19.56	
10	64QAM	1	0	19.42	19.23	19.33	20.2
10	64QAM	1	25	19.40	19.18	19.33	
10	64QAM	1	49	19.22	19.08	19.15	
10	64QAM	25	0	19.57	19.56	19.67	20.2
10	64QAM	25	12	19.53	19.46	19.56	
10	64QAM	25	25	19.47	19.42	19.53	
10	64QAM	50	0	19.57	19.46	19.60	
10	256QAM	1	0	18.72	18.83	18.83	20
10	256QAM	1	25	18.62	18.65	18.55	
10	256QAM	1	49	18.38	18.51	18.54	
10	256QAM	25	0	18.88	18.91	18.85	20
10	256QAM	25	12	18.80	18.90	18.77	
10	256QAM	25	25	18.69	18.76	18.75	
10	256QAM	50	0	18.76	18.85	18.76	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.67	19.69	19.71	20.2
5	QPSK	1	12	19.53	19.44	19.53	
5	QPSK	1	24	19.37	19.34	19.52	
5	QPSK	12	0	19.56	19.49	19.62	20.2
5	QPSK	12	7	19.48	19.45	19.57	
5	QPSK	12	13	19.53	19.43	19.45	
5	QPSK	25	0	19.57	19.50	19.57	
5	16QAM	1	0	19.73	19.68	19.59	20.2
5	16QAM	1	12	19.49	19.56	19.59	
5	16QAM	1	24	19.43	19.54	19.62	
5	16QAM	12	0	19.58	19.55	19.59	20.2
5	16QAM	12	7	19.55	19.49	19.61	
5	16QAM	12	13	19.50	19.50	19.58	
5	16QAM	25	0	19.56	19.47	19.60	
5	64QAM	1	0	19.40	19.25	19.35	20.2
5	64QAM	1	12	19.40	19.25	19.29	
5	64QAM	1	24	19.20	19.14	19.17	
5	64QAM	12	0	19.51	19.56	19.63	20.2
5	64QAM	12	7	19.51	19.47	19.59	
5	64QAM	12	13	19.45	19.41	19.49	
5	64QAM	25	0	19.54	19.50	19.60	
5	256QAM	1	0	18.79	18.82	18.74	20
5	256QAM	1	12	18.59	18.60	18.49	
5	256QAM	1	24	18.44	18.48	18.57	
5	256QAM	12	0	18.86	18.89	18.90	20
5	256QAM	12	7	18.79	18.82	18.79	
5	256QAM	12	13	18.76	18.82	18.75	
5	256QAM	25	0	18.76	18.86	18.76	



<LTE Band 38_Ant 1_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.11	24.24	24.34	
20	QPSK	1	49	24.11	24.19	24.20	25
20	QPSK	1	99	24.08	24.13	24.16	
20	QPSK	50	0	23.15	23.27	23.31	
20	QPSK	50	24	23.07	23.23	23.26	24
20	QPSK	50	50	23.04	23.14	23.21	
20	QPSK	100	0	23.07	23.18	23.26	
20	16QAM	1	0	23.20	23.37	23.49	24
20	16QAM	1	49	23.11	23.25	23.32	
20	16QAM	1	99	23.15	23.24	23.28	
20	16QAM	50	0	22.12	22.26	22.36	23
20	16QAM	50	24	22.10	22.22	22.31	
20	16QAM	50	50	22.08	22.19	22.26	
20	16QAM	100	0	22.10	22.21	22.29	23
20	64QAM	1	0	21.79	21.95	22.06	
20	64QAM	1	49	21.74	21.86	21.95	
20	64QAM	1	99	21.70	21.79	21.89	22
20	64QAM	50	0	21.10	21.25	21.33	
20	64QAM	50	24	21.07	21.21	21.29	
20	64QAM	50	50	21.06	21.16	21.24	20
20	64QAM	100	0	21.06	21.18	21.27	
20	256QAM	1	0	18.95	19.07	19.17	
20	256QAM	1	49	18.90	19.05	19.09	20
20	256QAM	1	99	18.75	18.96	19.03	
20	256QAM	50	0	19.06	19.25	19.29	20
20	256QAM	50	24	19.02	19.21	19.28	
20	256QAM	50	50	18.99	19.19	19.22	
20	256QAM	100	0	19.03	19.17	19.23	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.09	24.11	24.25	
15	QPSK	1	37	24.02	23.99	24.19	25
15	QPSK	1	74	24.03	24.05	24.11	
15	QPSK	36	0	22.98	23.07	23.22	24
15	QPSK	36	20	22.87	23.23	23.06	
15	QPSK	36	39	22.98	23.14	23.04	
15	QPSK	75	0	23.04	23.11	23.18	24
15	16QAM	1	0	23.08	23.30	23.46	
15	16QAM	1	37	22.99	23.21	23.27	
15	16QAM	1	74	23.15	23.24	23.17	23
15	16QAM	36	0	21.98	22.16	22.35	
15	16QAM	36	20	22.08	22.04	22.24	
15	16QAM	36	39	21.95	22.12	22.20	23
15	16QAM	75	0	22.01	22.13	22.14	
15	64QAM	1	0	21.67	21.87	21.92	
15	64QAM	1	37	21.61	21.67	21.75	22
15	64QAM	1	74	21.63	21.72	21.87	
15	64QAM	36	0	20.97	21.07	21.14	
15	64QAM	36	20	20.90	21.15	21.18	20
15	64QAM	36	39	20.93	21.03	21.18	
15	64QAM	75	0	21.06	20.99	21.12	
15	256QAM	1	0	18.82	19.07	19.05	20
15	256QAM	1	37	18.88	19.05	18.91	
15	256QAM	1	74	18.75	18.91	18.92	
15	256QAM	36	0	18.94	19.06	19.18	20
15	256QAM	36	20	18.87	19.07	19.08	
15	256QAM	36	39	18.85	19.15	19.06	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.95	19.01	19.05	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.97	24.14	24.24	25
10	QPSK	1	25	23.96	24.10	24.10	
10	QPSK	1	49	24.07	23.99	24.14	
10	QPSK	25	0	23.13	23.07	23.19	24
10	QPSK	25	12	23.07	23.12	23.07	
10	QPSK	25	25	22.86	23.11	23.10	
10	QPSK	50	0	23.00	23.00	23.17	24
10	16QAM	1	0	23.05	23.27	23.29	
10	16QAM	1	25	23.05	23.07	23.13	
10	16QAM	1	49	23.04	23.05	23.23	23
10	16QAM	25	0	22.08	22.11	22.19	
10	16QAM	25	12	21.98	22.11	22.18	
10	16QAM	25	25	22.00	22.17	22.16	23
10	16QAM	50	0	21.97	22.17	22.23	
10	64QAM	1	0	21.69	21.75	21.87	
10	64QAM	1	25	21.74	21.73	21.86	23
10	64QAM	1	49	21.66	21.71	21.85	
10	64QAM	25	0	20.96	21.24	21.19	22
10	64QAM	25	12	21.02	21.11	21.18	
10	64QAM	25	25	20.95	20.97	21.21	
10	64QAM	50	0	20.91	21.14	21.25	20
10	256QAM	1	0	18.88	19.00	19.12	
10	256QAM	1	25	18.72	19.03	19.09	
10	256QAM	1	49	18.65	18.92	18.88	20
10	256QAM	25	0	18.90	19.11	19.13	
10	256QAM	25	12	18.96	19.20	19.13	
10	256QAM	25	25	18.90	19.06	19.14	20
10	256QAM	50	0	18.86	19.12	19.17	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.91	24.19	24.24	25
5	QPSK	1	12	24.06	24.17	24.14	
5	QPSK	1	24	24.05	23.93	23.99	
5	QPSK	12	0	22.96	23.13	23.22	24
5	QPSK	12	7	22.90	23.06	23.14	
5	QPSK	12	13	23.03	22.95	23.12	
5	QPSK	25	0	22.89	23.10	23.26	24
5	16QAM	1	0	23.11	23.35	23.44	
5	16QAM	1	12	23.02	23.09	23.13	
5	16QAM	1	24	22.95	23.21	23.28	23
5	16QAM	12	0	22.11	22.25	22.21	
5	16QAM	12	7	21.98	22.07	22.25	
5	16QAM	12	13	22.07	22.14	22.15	23
5	16QAM	25	0	22.07	22.12	22.23	
5	64QAM	1	0	21.65	21.82	21.94	
5	64QAM	1	12	21.71	21.85	21.88	22
5	64QAM	1	24	21.53	21.73	21.76	
5	64QAM	12	0	20.97	21.17	21.25	
5	64QAM	12	7	20.87	21.08	21.23	20
5	64QAM	12	13	21.03	20.97	21.17	
5	64QAM	25	0	21.03	21.12	21.10	
5	256QAM	1	0	18.80	18.87	19.15	20
5	256QAM	1	12	18.73	18.92	18.93	
5	256QAM	1	24	18.68	18.84	18.99	
5	256QAM	12	0	18.94	19.20	19.14	20
5	256QAM	12	7	18.93	19.20	19.23	
5	256QAM	12	13	18.98	19.08	19.03	
5	256QAM	25	0	18.97	19.10	19.15	



<LTE Band 38_Ant 0_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.32	23.27	23.31	
20	QPSK	1	49	23.17	23.25	23.28	23.9
20	QPSK	1	99	23.13	23.05	23.14	
20	QPSK	50	0	22.90	22.80	22.90	
20	QPSK	50	24	22.85	22.76	22.83	23.9
20	QPSK	50	50	22.81	22.70	22.77	
20	QPSK	100	0	22.83	22.77	22.82	
20	16QAM	1	0	22.99	22.98	23.06	23.9
20	16QAM	1	49	22.89	22.81	22.88	
20	16QAM	1	99	22.83	22.72	22.79	
20	16QAM	50	0	21.90	21.88	21.96	23
20	16QAM	50	24	21.92	21.84	21.87	
20	16QAM	50	50	21.86	21.76	21.80	
20	16QAM	100	0	21.88	21.81	21.85	23
20	64QAM	1	0	21.57	21.55	21.59	
20	64QAM	1	49	21.58	21.47	21.55	
20	64QAM	1	99	21.40	21.28	21.40	22
20	64QAM	50	0	20.88	20.82	20.90	
20	64QAM	50	24	20.86	20.75	20.83	
20	64QAM	50	50	20.79	20.69	20.77	20
20	64QAM	100	0	20.83	20.76	20.82	
20	256QAM	1	0	18.89	18.96	18.88	
20	256QAM	1	49	18.90	18.80	18.72	20
20	256QAM	1	99	18.68	18.71	18.71	
20	256QAM	50	0	18.92	19.09	19.00	20
20	256QAM	50	24	18.94	18.90	18.89	
20	256QAM	50	50	19.00	19.01	18.89	
20	256QAM	100	0	19.01	18.98	19.05	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.21	23.21	23.20	
15	QPSK	1	37	23.02	23.05	23.28	23.9
15	QPSK	1	74	23.11	22.97	23.11	
15	QPSK	36	0	22.77	22.64	22.86	23.9
15	QPSK	36	20	22.77	22.69	22.70	
15	QPSK	36	39	22.61	22.69	22.58	
15	QPSK	75	0	22.70	22.61	22.75	23.9
15	16QAM	1	0	22.80	22.92	22.99	
15	16QAM	1	37	22.79	22.78	22.74	
15	16QAM	1	74	22.75	22.55	22.73	23
15	16QAM	36	0	21.74	21.75	21.84	
15	16QAM	36	20	21.76	21.71	21.67	
15	16QAM	36	39	21.76	21.63	21.60	23
15	16QAM	75	0	21.70	21.64	21.67	
15	64QAM	1	0	21.42	21.42	21.57	
15	64QAM	1	37	21.58	21.36	21.55	22
15	64QAM	1	74	21.35	21.20	21.28	
15	64QAM	36	0	20.87	20.67	20.87	
15	64QAM	36	20	20.80	20.55	20.66	20
15	64QAM	36	39	20.63	20.58	20.65	
15	64QAM	75	0	20.69	20.56	20.69	
15	256QAM	1	0	18.86	18.78	18.71	20
15	256QAM	1	37	18.71	18.68	18.55	
15	256QAM	1	74	18.65	18.70	18.65	
15	256QAM	36	0	18.73	18.89	18.85	20
15	256QAM	36	20	18.80	18.81	18.79	
15	256QAM	36	39	18.82	18.98	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.94	18.91	19.03	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.18	23.26	23.26	23.9
10	QPSK	1	25	23.04	23.25	23.13	
10	QPSK	1	49	23.02	23.01	23.05	
10	QPSK	25	0	22.81	22.67	22.85	23.9
10	QPSK	25	12	22.72	22.65	22.83	
10	QPSK	25	25	22.62	22.51	22.63	
10	QPSK	50	0	22.65	22.71	22.74	
10	16QAM	1	0	22.87	22.90	23.04	23.9
10	16QAM	1	25	22.72	22.71	22.74	
10	16QAM	1	49	22.67	22.64	22.59	
10	16QAM	25	0	21.89	21.85	21.94	23
10	16QAM	25	12	21.73	21.72	21.79	
10	16QAM	25	25	21.83	21.56	21.66	
10	16QAM	50	0	21.80	21.81	21.70	
10	64QAM	1	0	21.51	21.38	21.50	23
10	64QAM	1	25	21.42	21.29	21.41	
10	64QAM	1	49	21.23	21.26	21.34	
10	64QAM	25	0	20.76	20.67	20.90	22
10	64QAM	25	12	20.83	20.60	20.79	
10	64QAM	25	25	20.64	20.68	20.60	
10	64QAM	50	0	20.80	20.61	20.73	
10	256QAM	1	0	18.80	18.88	18.72	20
10	256QAM	1	25	18.88	18.75	18.60	
10	256QAM	1	49	18.63	18.53	18.55	
10	256QAM	25	0	18.74	18.97	18.91	20
10	256QAM	25	12	18.77	18.83	18.70	
10	256QAM	25	25	18.96	18.85	18.75	
10	256QAM	50	0	18.85	18.94	18.86	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.32	23.23	23.17	23.9
5	QPSK	1	12	23.04	23.13	23.11	
5	QPSK	1	24	23.03	22.95	22.99	
5	QPSK	12	0	22.76	22.69	22.88	23.9
5	QPSK	12	7	22.83	22.57	22.70	
5	QPSK	12	13	22.76	22.69	22.76	
5	QPSK	25	0	22.76	22.63	22.68	
5	16QAM	1	0	22.92	22.82	22.96	23.9
5	16QAM	1	12	22.83	22.61	22.84	
5	16QAM	1	24	22.64	22.70	22.64	
5	16QAM	12	0	21.73	21.73	21.79	23
5	16QAM	12	7	21.87	21.74	21.74	
5	16QAM	12	13	21.82	21.66	21.76	
5	16QAM	25	0	21.78	21.65	21.80	
5	64QAM	1	0	21.56	21.45	21.57	23
5	64QAM	1	12	21.53	21.32	21.37	
5	64QAM	1	24	21.30	21.11	21.39	
5	64QAM	12	0	20.81	20.74	20.86	22
5	64QAM	12	7	20.72	20.55	20.78	
5	64QAM	12	13	20.62	20.64	20.65	
5	64QAM	25	0	20.74	20.60	20.70	
5	256QAM	1	0	18.69	18.96	18.76	20
5	256QAM	1	12	18.86	18.80	18.56	
5	256QAM	1	24	18.68	18.71	18.65	
5	256QAM	12	0	18.74	18.93	18.94	20
5	256QAM	12	7	18.91	18.78	18.73	
5	256QAM	12	13	18.98	18.86	18.85	
5	256QAM	25	0	18.86	18.84	18.95	



<LTE Band 38_Ant 5_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	25
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	25
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	23
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	
15	64QAM	36	20	20.69	20.77	20.95	22
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	
15	256QAM	1	0	18.67	18.73	18.68	20
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	
15	256QAM	36	0	18.71	18.76	18.81	20
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	25
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	25
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	



<LTE Band 38_HPUE_Ant 2_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.13	21.08	21.18	
20	QPSK	1	49	21.06	21.03	21.15	21.8
20	QPSK	1	99	21.27	21.19	21.29	
20	QPSK	50	0	21.21	21.15	21.21	
20	QPSK	50	24	21.14	21.09	21.18	21.8
20	QPSK	50	50	21.18	21.18	21.26	
20	QPSK	100	0	21.22	21.16	21.22	
20	16QAM	1	0	21.09	21.06	21.09	21.8
20	16QAM	1	49	21.02	21.02	21.07	
20	16QAM	1	99	21.20	21.26	21.03	
20	16QAM	50	0	21.20	21.21	21.29	21.8
20	16QAM	50	24	21.22	21.16	21.22	
20	16QAM	50	50	21.28	21.21	21.28	
20	16QAM	100	0	20.95	20.90	21.00	21.8
20	64QAM	1	0	21.23	21.11	21.24	
20	64QAM	1	49	21.16	21.16	21.23	
20	64QAM	1	99	21.29	21.20	21.27	21.8
20	64QAM	50	0	21.23	21.18	21.24	
20	64QAM	50	24	21.17	21.16	21.21	
20	64QAM	50	50	21.25	21.19	21.26	21.8
20	64QAM	100	0	21.17	21.08	21.16	
20	256QAM	1	0	21.00	20.92	20.98	
20	256QAM	1	49	20.90	20.92	20.86	21.8
20	256QAM	1	99	21.11	21.19	21.17	
20	256QAM	50	0	21.16	21.08	21.17	21.8
20	256QAM	50	24	21.01	21.08	21.01	
20	256QAM	50	50	20.98	21.10	21.07	
20	256QAM	100	0	21.52	21.56	21.57	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.09	21.01	21.13	
15	QPSK	1	37	20.96	20.94	21.07	21.8
15	QPSK	1	74	20.96	20.88	21.01	
15	QPSK	36	0	21.16	20.99	21.16	21.8
15	QPSK	36	20	21.01	21.01	21.09	
15	QPSK	36	39	20.96	20.93	21.02	
15	QPSK	75	0	21.03	20.99	21.15	21.8
15	16QAM	1	0	21.03	21.01	21.07	
15	16QAM	1	37	20.95	20.93	20.92	
15	16QAM	1	74	20.86	20.83	20.91	21.8
15	16QAM	36	0	21.05	21.14	20.91	
15	16QAM	36	20	21.00	21.08	21.18	
15	16QAM	36	39	21.02	20.97	21.06	21.8
15	16QAM	75	0	21.11	21.10	21.10	
15	64QAM	1	0	20.83	20.79	20.81	
15	64QAM	1	37	21.12	20.91	21.09	21.8
15	64QAM	1	74	21.05	21.06	21.04	
15	64QAM	36	0	21.10	21.03	21.07	
15	64QAM	36	20	21.12	21.03	21.13	21.8
15	64QAM	36	39	20.98	20.96	21.01	
15	64QAM	75	0	21.09	21.06	21.09	
15	256QAM	1	0	21.18	21.14	21.14	21.8
15	256QAM	1	37	20.97	21.00	20.98	
15	256QAM	1	74	20.96	20.85	20.93	
15	256QAM	36	0	21.09	21.18	21.26	21.8
15	256QAM	36	20	21.17	21.11	21.17	
15	256QAM	36	39	21.01	21.00	21.10	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	21.00	21.07	21.10	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.07	21.04	21.14	21.8
10	QPSK	1	25	20.99	20.91	20.98	
10	QPSK	1	49	20.87	20.93	21.04	
10	QPSK	25	0	21.12	21.01	21.14	21.8
10	QPSK	25	12	21.05	21.04	21.09	
10	QPSK	25	25	20.96	20.95	21.00	
10	QPSK	50	0	21.05	21.08	21.07	21.8
10	16QAM	1	0	21.06	21.00	21.08	
10	16QAM	1	25	20.91	20.91	20.97	
10	16QAM	1	49	20.90	20.82	20.89	21.8
10	16QAM	25	0	21.01	21.08	20.89	
10	16QAM	25	12	21.03	21.06	21.15	
10	16QAM	25	25	21.02	21.06	21.08	21.8
10	16QAM	50	0	21.14	21.01	21.09	
10	64QAM	1	0	20.75	20.80	20.86	
10	64QAM	1	25	21.06	20.92	21.08	21.8
10	64QAM	1	49	20.98	21.00	21.08	
10	64QAM	25	0	21.12	21.01	21.16	
10	64QAM	25	12	21.08	21.08	21.09	21.8
10	64QAM	25	25	21.05	20.98	21.06	
10	64QAM	50	0	21.08	21.01	21.14	
10	256QAM	1	0	21.16	21.11	21.23	21.8
10	256QAM	1	25	21.05	20.94	21.01	
10	256QAM	1	49	20.94	20.89	20.88	
10	256QAM	25	0	21.08	21.14	21.22	21.8
10	256QAM	25	12	21.14	21.09	21.24	
10	256QAM	25	25	21.07	21.06	21.03	
10	256QAM	50	0	21.04	21.08	21.09	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.11	21.01	21.15	21.8
5	QPSK	1	12	21.00	20.95	21.00	
5	QPSK	1	24	20.93	20.85	20.95	
5	QPSK	12	0	21.10	21.04	21.10	21.8
5	QPSK	12	7	21.07	20.98	21.06	
5	QPSK	12	13	20.99	20.94	21.01	
5	QPSK	25	0	20.99	21.03	21.10	21.8
5	16QAM	1	0	21.05	21.04	21.09	
5	16QAM	1	12	20.98	20.92	20.97	
5	16QAM	1	24	20.85	20.82	20.97	21.8
5	16QAM	12	0	21.09	21.07	20.90	
5	16QAM	12	7	21.07	21.07	21.16	
5	16QAM	12	13	21.11	21.06	21.12	21.8
5	16QAM	25	0	21.08	21.05	21.17	
5	64QAM	1	0	20.78	20.74	20.87	
5	64QAM	1	12	21.13	20.92	21.08	21.8
5	64QAM	1	24	21.01	21.06	21.12	
5	64QAM	12	0	21.11	21.06	21.13	
5	64QAM	12	7	21.09	21.03	21.09	21.8
5	64QAM	12	13	20.97	20.99	21.01	
5	64QAM	25	0	21.14	21.04	21.07	
5	256QAM	1	0	21.15	21.08	21.21	21.8
5	256QAM	1	12	20.97	21.00	21.05	
5	256QAM	1	24	20.92	20.92	20.93	
5	256QAM	12	0	21.07	21.10	21.20	21.8
5	256QAM	12	7	21.13	21.10	21.19	
5	256QAM	12	13	21.06	21.08	21.05	
5	256QAM	25	0	21.00	21.11	21.02	



<LTE Band 38_HPUE_Ant 1_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.97	26.11	26.17	
20	QPSK	1	49	25.90	25.99	25.98	26.9
20	QPSK	1	99	25.93	25.94	25.94	
20	QPSK	50	0	25.01	25.14	25.24	
20	QPSK	50	24	24.99	25.09	25.20	25.9
20	QPSK	50	50	24.95	25.05	25.16	
20	QPSK	100	0	24.98	25.08	25.18	
20	16QAM	1	0	25.30	25.48	25.54	25.9
20	16QAM	1	49	25.24	25.35	25.34	
20	16QAM	1	99	25.27	25.30	25.26	
20	16QAM	50	0	24.05	24.17	24.27	24.9
20	16QAM	50	24	24.04	24.14	24.23	
20	16QAM	50	50	24.01	24.11	24.20	
20	16QAM	100	0	24.02	24.12	24.20	24.9
20	64QAM	1	0	24.03	24.21	24.30	
20	64QAM	1	49	23.96	24.08	24.13	
20	64QAM	1	99	23.98	24.05	24.06	23.9
20	64QAM	50	0	22.97	23.10	23.19	
20	64QAM	50	24	22.94	23.06	23.14	
20	64QAM	50	50	22.93	23.04	23.10	21.9
20	64QAM	100	0	22.94	23.06	23.14	
20	256QAM	1	0	20.98	21.15	21.21	
20	256QAM	1	49	20.85	21.05	21.10	21.9
20	256QAM	1	99	20.82	21.00	21.01	
20	256QAM	50	0	21.03	21.22	21.24	
20	256QAM	50	24	20.88	21.15	21.18	21.9
20	256QAM	50	50	20.86	21.09	21.13	
20	256QAM	100	0	20.88	21.13	21.16	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.90	26.09	26.06	
15	QPSK	1	37	25.87	25.84	25.82	26.9
15	QPSK	1	74	25.89	25.92	25.83	
15	QPSK	36	0	24.90	25.07	25.12	25.9
15	QPSK	36	20	24.96	24.97	25.03	
15	QPSK	36	39	24.81	24.87	24.99	
15	QPSK	75	0	24.91	25.01	25.11	25.9
15	16QAM	1	0	25.12	25.28	25.43	
15	16QAM	1	37	25.24	25.21	25.15	
15	16QAM	1	74	25.14	25.28	25.14	24.9
15	16QAM	36	0	23.94	24.00	24.15	
15	16QAM	36	20	23.84	23.99	24.08	
15	16QAM	36	39	23.94	24.06	24.15	24.9
15	16QAM	75	0	23.83	24.08	24.20	
15	64QAM	1	0	23.89	24.20	24.23	
15	64QAM	1	37	23.84	23.98	23.94	23.9
15	64QAM	1	74	23.87	23.89	23.89	
15	64QAM	36	0	22.79	23.05	23.07	
15	64QAM	36	20	22.83	23.05	23.11	21.9
15	64QAM	36	39	22.82	22.89	22.99	
15	64QAM	75	0	22.88	22.99	23.12	
15	256QAM	1	0	20.98	21.08	21.03	21.9
15	256QAM	1	37	20.69	20.97	21.06	
15	256QAM	1	74	20.68	20.93	20.97	
15	256QAM	36	0	20.99	21.17	21.06	21.9
15	256QAM	36	20	20.86	20.96	21.03	
15	256QAM	36	39	20.84	20.95	21.12	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.71	20.93	21.11	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.79	26.11	26.05	26.9
10	QPSK	1	25	25.75	25.80	25.92	
10	QPSK	1	49	25.77	25.74	25.81	
10	QPSK	25	0	25.00	25.07	25.11	25.9
10	QPSK	25	12	24.91	25.03	25.00	
10	QPSK	25	25	24.86	24.96	25.08	
10	QPSK	50	0	24.94	25.03	25.00	
10	16QAM	1	0	25.11	25.37	25.44	25.9
10	16QAM	1	25	25.08	25.28	25.15	
10	16QAM	1	49	25.10	25.13	25.23	
10	16QAM	25	0	23.99	24.11	24.15	24.9
10	16QAM	25	12	23.94	24.14	24.23	
10	16QAM	25	25	23.88	24.06	24.08	
10	16QAM	50	0	23.99	23.94	24.01	
10	64QAM	1	0	23.91	24.04	24.12	24.9
10	64QAM	1	25	23.87	23.92	24.09	
10	64QAM	1	49	23.98	23.99	24.04	
10	64QAM	25	0	22.82	22.90	23.14	23.9
10	64QAM	25	12	22.82	22.97	23.09	
10	64QAM	25	25	22.88	22.97	23.05	
10	64QAM	50	0	22.80	23.06	23.12	
10	256QAM	1	0	20.88	21.05	21.18	21.9
10	256QAM	1	25	20.72	20.91	20.94	
10	256QAM	1	49	20.74	20.91	20.91	
10	256QAM	25	0	20.92	21.11	21.18	21.9
10	256QAM	25	12	20.86	21.14	21.12	
10	256QAM	25	25	20.85	20.99	21.05	
10	256QAM	50	0	20.75	21.07	21.08	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	26.10	26.11	26.9
5	QPSK	1	12	25.87	25.98	25.96	
5	QPSK	1	24	25.87	25.91	25.75	
5	QPSK	12	0	24.94	24.94	25.20	25.9
5	QPSK	12	7	24.98	24.99	25.07	
5	QPSK	12	13	24.77	24.88	25.04	
5	QPSK	25	0	24.90	24.94	25.12	
5	16QAM	1	0	25.17	25.42	25.35	25.9
5	16QAM	1	12	25.23	25.25	25.30	
5	16QAM	1	24	25.14	25.23	25.15	
5	16QAM	12	0	23.88	24.04	24.20	24.9
5	16QAM	12	7	23.84	23.96	24.04	
5	16QAM	12	13	23.94	24.03	24.06	
5	16QAM	25	0	23.99	23.97	24.01	
5	64QAM	1	0	23.94	24.05	24.28	24.9
5	64QAM	1	12	23.91	23.90	24.10	
5	64QAM	1	24	23.92	23.88	23.95	
5	64QAM	12	0	22.88	22.91	23.03	23.9
5	64QAM	12	7	22.85	22.90	23.09	
5	64QAM	12	13	22.92	22.98	23.03	
5	64QAM	25	0	22.94	23.05	23.04	
5	256QAM	1	0	20.81	20.97	21.21	21.9
5	256QAM	1	12	20.72	20.87	21.07	
5	256QAM	1	24	20.63	20.91	20.85	
5	256QAM	12	0	20.90	21.03	21.13	21.9
5	256QAM	12	7	20.87	21.05	21.04	
5	256QAM	12	13	20.84	21.00	20.96	
5	256QAM	25	0	20.70	21.09	21.11	



<LTE Band 38_HPUE_Ant 0_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.29	25.30	25.40	
20	QPSK	1	49	25.24	25.17	25.23	25.5
20	QPSK	1	99	25.19	25.05	25.08	
20	QPSK	50	0	25.36	25.31	25.38	
20	QPSK	50	24	25.32	25.28	25.34	25.5
20	QPSK	50	50	25.28	25.19	25.30	
20	QPSK	100	0	25.30	25.25	25.32	
20	16QAM	1	0	25.06	25.06	25.14	25.5
20	16QAM	1	49	25.02	24.96	25.02	
20	16QAM	1	99	24.92	24.83	24.83	
20	16QAM	50	0	23.87	23.84	23.92	24.9
20	16QAM	50	24	23.84	23.78	23.85	
20	16QAM	50	50	23.81	23.73	23.77	
20	16QAM	100	0	23.84	23.80	23.83	24.9
20	64QAM	1	0	23.86	23.86	23.91	
20	64QAM	1	49	23.84	23.79	23.78	
20	64QAM	1	99	23.76	23.64	23.65	23.9
20	64QAM	50	0	22.84	22.77	22.85	
20	64QAM	50	24	22.79	22.76	22.81	
20	64QAM	50	50	22.78	22.68	22.73	21.9
20	64QAM	100	0	22.79	22.74	22.81	
20	256QAM	1	0	21.10	21.20	20.93	
20	256QAM	1	49	20.79	20.75	20.77	21.9
20	256QAM	1	99	20.60	20.75	20.76	
20	256QAM	50	0	21.07	20.98	21.06	
20	256QAM	50	24	20.91	21.15	20.85	21.9
20	256QAM	50	50	20.78	21.05	20.91	
20	256QAM	100	0	20.97	21.10	20.71	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.26	25.21	25.28	
15	QPSK	1	37	25.07	24.98	25.03	25.5
15	QPSK	1	74	25.13	24.91	24.98	
15	QPSK	36	0	25.34	25.29	25.36	
15	QPSK	36	20	25.30	25.12	25.17	25.5
15	QPSK	36	39	25.27	25.09	25.18	
15	QPSK	75	0	25.30	25.09	25.28	
15	16QAM	1	0	24.86	24.96	24.96	25.5
15	16QAM	1	37	24.94	24.78	24.82	
15	16QAM	1	74	24.91	24.78	24.81	
15	16QAM	36	0	23.70	23.75	23.84	24.9
15	16QAM	36	20	23.83	23.77	23.65	
15	16QAM	36	39	23.67	23.67	23.64	
15	16QAM	75	0	23.72	23.70	23.64	24.9
15	64QAM	1	0	23.71	23.83	23.74	
15	64QAM	1	37	23.83	23.77	23.62	
15	64QAM	1	74	23.56	23.52	23.46	23.9
15	64QAM	36	0	22.64	22.77	22.76	
15	64QAM	36	20	22.71	22.72	22.73	
15	64QAM	36	39	22.61	22.68	22.69	21.9
15	64QAM	75	0	22.61	22.70	22.70	
15	256QAM	1	0	20.99	21.09	20.90	
15	256QAM	1	37	20.60	20.59	20.66	21.9
15	256QAM	1	74	20.49	20.55	20.58	
15	256QAM	36	0	21.04	20.83	20.92	
15	256QAM	36	20	20.75	21.10	20.68	21.9
15	256QAM	36	39	20.58	21.02	20.82	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.83	20.96	20.56	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.26	25.17	25.39	25.5
10	QPSK	1	25	25.23	24.98	25.17	
10	QPSK	1	49	25.02	24.97	24.92	
10	QPSK	25	0	25.19	25.22	25.26	25.5
10	QPSK	25	12	25.15	25.24	25.31	
10	QPSK	25	25	25.14	25.11	25.22	
10	QPSK	50	0	25.30	25.08	25.25	25.5
10	16QAM	1	0	24.87	25.00	25.12	
10	16QAM	1	25	24.89	24.81	24.82	
10	16QAM	1	49	24.92	24.77	24.65	24.9
10	16QAM	25	0	23.76	23.69	23.84	
10	16QAM	25	12	23.74	23.61	23.83	
10	16QAM	25	25	23.61	23.70	23.63	24.9
10	16QAM	50	0	23.76	23.67	23.73	
10	64QAM	1	0	23.75	23.68	23.75	
10	64QAM	1	25	23.83	23.62	23.62	24.9
10	64QAM	1	49	23.71	23.46	23.49	
10	64QAM	25	0	22.77	22.63	22.67	
10	64QAM	25	12	22.59	22.76	22.71	23.9
10	64QAM	25	25	22.75	22.51	22.71	
10	64QAM	50	0	22.77	22.56	22.74	
10	256QAM	1	0	21.09	21.13	20.74	21.9
10	256QAM	1	25	20.62	20.60	20.75	
10	256QAM	1	49	20.52	20.75	20.76	
10	256QAM	25	0	21.02	20.79	20.96	21.9
10	256QAM	25	12	20.86	21.00	20.66	
10	256QAM	25	25	20.74	20.97	20.77	
10	256QAM	50	0	20.89	20.92	20.65	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.09	25.10	25.39	25.5
5	QPSK	1	12	25.23	24.97	25.21	
5	QPSK	1	24	25.10	25.02	25.05	
5	QPSK	12	0	25.27	25.13	25.38	25.5
5	QPSK	12	7	25.20	25.25	25.20	
5	QPSK	12	13	25.12	25.15	25.27	
5	QPSK	25	0	25.16	25.16	25.21	25.5
5	16QAM	1	0	25.04	25.02	24.95	
5	16QAM	1	12	24.94	24.77	24.92	
5	16QAM	1	24	24.88	24.82	24.70	24.9
5	16QAM	12	0	23.74	23.81	23.74	
5	16QAM	12	7	23.82	23.76	23.81	
5	16QAM	12	13	23.64	23.53	23.59	24.9
5	16QAM	25	0	23.84	23.74	23.65	
5	64QAM	1	0	23.72	23.68	23.72	
5	64QAM	1	12	23.68	23.79	23.61	24.9
5	64QAM	1	24	23.64	23.46	23.59	
5	64QAM	12	0	22.84	22.70	22.79	
5	64QAM	12	7	22.63	22.61	22.70	23.9
5	64QAM	12	13	22.65	22.50	22.59	
5	64QAM	25	0	22.78	22.60	22.65	
5	256QAM	1	0	20.90	21.02	20.80	21.9
5	256QAM	1	12	20.65	20.68	20.59	
5	256QAM	1	24	20.42	20.71	20.58	
5	256QAM	12	0	20.98	20.83	21.02	21.9
5	256QAM	12	7	20.80	21.08	20.71	
5	256QAM	12	13	20.70	20.89	20.85	
5	256QAM	25	0	20.89	21.07	20.56	



<LTE Band 38_HPUE_Ant 5_Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	26.9
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.9
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.9
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.9
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.9
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.9
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.9
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.9
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	
20	256QAM	50	24	20.61	20.77	20.91	21.9
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	26.9
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	
15	QPSK	36	20	24.69	24.81	24.83	25.9
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	
15	16QAM	1	0	25.02	25.12	25.14	25.9
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	
15	16QAM	36	0	23.75	23.84	23.94	24.9
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	
15	16QAM	75	0	23.85	23.73	23.94	24.9
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	
15	64QAM	1	74	23.72	23.70	23.83	23.9
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	
15	64QAM	36	39	22.74	22.58	22.76	21.9
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	
15	256QAM	1	37	20.67	20.70	20.70	21.9
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	
15	256QAM	36	20	20.61	20.60	20.86	21.9
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	26.9
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.9
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	
10	16QAM	1	0	25.13	25.05	25.12	25.9
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	
10	16QAM	25	0	23.82	23.73	24.01	24.9
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	24.9
10	64QAM	1	25	23.87	23.72	23.96	
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.9
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	
10	256QAM	1	0	20.51	20.65	20.78	21.9
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	
10	256QAM	25	0	20.67	20.56	20.73	21.9
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	26.9
5	QPSK	1	12	25.62	25.69	25.81	
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.9
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	
5	16QAM	1	0	25.15	25.14	25.11	25.9
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	
5	16QAM	12	0	23.74	23.81	23.85	24.9
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	24.9
5	64QAM	1	12	23.70	23.66	23.84	
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	23.9
5	64QAM	12	7	22.82	22.67	22.93	
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.9
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.9
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	



<LTE Band 38_Ant 2_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.27	24.21	24.28	
20	QPSK	1	49	24.25	24.19	24.26	25
20	QPSK	1	99	24.22	24.15	24.23	
20	QPSK	50	0	23.31	23.25	23.33	
20	QPSK	50	24	23.23	23.19	23.31	24
20	QPSK	50	50	23.20	23.15	23.22	
20	QPSK	100	0	23.24	23.19	23.25	
20	16QAM	1	0	23.37	23.32	23.40	24
20	16QAM	1	49	23.34	23.29	23.39	
20	16QAM	1	99	23.20	23.16	23.26	
20	16QAM	50	0	22.25	22.21	22.28	23
20	16QAM	50	24	22.23	22.18	22.26	
20	16QAM	50	50	22.20	22.15	22.23	
20	16QAM	100	0	22.26	22.22	22.27	23
20	64QAM	1	0	21.95	21.92	21.97	
20	64QAM	1	49	21.91	21.87	21.94	
20	64QAM	1	99	21.86	21.80	21.88	22
20	64QAM	50	0	21.30	21.25	21.32	
20	64QAM	50	24	21.27	21.22	21.29	
20	64QAM	50	50	21.24	21.19	21.26	20
20	64QAM	100	0	21.23	21.19	21.26	
20	256QAM	1	0	19.12	19.14	19.14	
20	256QAM	1	49	18.92	18.96	18.86	20
20	256QAM	1	99	18.77	18.88	18.88	
20	256QAM	50	0	19.18	19.25	19.22	
20	256QAM	50	24	19.11	19.22	19.16	20
20	256QAM	50	50	19.09	19.16	19.14	
20	256QAM	100	0	19.14	19.16	19.10	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.11	24.07	24.09	
15	QPSK	1	37	24.19	24.08	24.24	25
15	QPSK	1	74	24.16	24.14	24.13	
15	QPSK	36	0	23.25	23.15	23.21	
15	QPSK	36	20	23.18	23.11	23.31	24
15	QPSK	36	39	23.09	23.05	23.05	
15	QPSK	75	0	23.08	23.14	23.21	
15	16QAM	1	0	23.35	23.32	23.29	24
15	16QAM	1	37	23.16	23.13	23.22	
15	16QAM	1	74	23.13	23.14	23.21	
15	16QAM	36	0	22.05	22.14	22.17	23
15	16QAM	36	20	22.09	22.02	22.23	
15	16QAM	36	39	22.20	22.05	22.10	
15	16QAM	75	0	22.09	22.02	22.14	23
15	64QAM	1	0	21.85	21.74	21.86	
15	64QAM	1	37	21.77	21.68	21.86	
15	64QAM	1	74	21.66	21.71	21.85	22
15	64QAM	36	0	21.29	21.05	21.28	
15	64QAM	36	20	21.07	21.14	21.20	
15	64QAM	36	39	21.09	21.03	21.14	20
15	64QAM	75	0	21.05	21.07	21.08	
15	256QAM	1	0	18.93	19.02	19.04	
15	256QAM	1	37	18.82	18.83	18.81	20
15	256QAM	1	74	18.61	18.88	18.79	
15	256QAM	36	0	19.05	19.23	19.08	
15	256QAM	36	20	19.09	19.11	19.02	20
15	256QAM	36	39	19.02	19.00	18.94	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.97	19.08	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.10	24.14	24.17	25
10	QPSK	1	25	24.11	24.11	24.15	
10	QPSK	1	49	24.21	23.99	24.07	
10	QPSK	25	0	23.30	23.12	23.33	24
10	QPSK	25	12	23.07	23.02	23.21	
10	QPSK	25	25	23.12	23.01	23.12	
10	QPSK	50	0	23.05	23.11	23.10	24
10	16QAM	1	0	23.33	23.21	23.24	
10	16QAM	1	25	23.19	23.23	23.30	
10	16QAM	1	49	23.07	22.97	23.22	23
10	16QAM	25	0	22.24	22.12	22.22	
10	16QAM	25	12	22.07	22.04	22.06	
10	16QAM	25	25	22.02	22.09	22.03	23
10	16QAM	50	0	22.21	22.07	22.13	
10	64QAM	1	0	21.81	21.72	21.77	
10	64QAM	1	25	21.78	21.75	21.93	23
10	64QAM	1	49	21.68	21.65	21.80	
10	64QAM	25	0	21.17	21.12	21.18	
10	64QAM	25	12	21.23	21.11	21.25	22
10	64QAM	25	25	21.22	21.16	21.20	
10	64QAM	50	0	21.16	21.12	21.16	
10	256QAM	1	0	18.99	19.07	19.13	20
10	256QAM	1	25	18.80	18.93	18.83	
10	256QAM	1	49	18.71	18.69	18.86	
10	256QAM	25	0	19.00	19.25	19.11	20
10	256QAM	25	12	19.06	19.08	19.15	
10	256QAM	25	25	19.03	19.05	19.08	
10	256QAM	50	0	19.13	19.00	19.07	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.25	24.16	24.27	25
5	QPSK	1	12	24.25	24.06	24.13	
5	QPSK	1	24	24.20	23.98	24.14	
5	QPSK	12	0	23.14	23.11	23.25	24
5	QPSK	12	7	23.07	23.18	23.13	
5	QPSK	12	13	23.12	22.96	23.17	
5	QPSK	25	0	23.17	23.03	23.23	24
5	16QAM	1	0	23.37	23.17	23.21	
5	16QAM	1	12	23.19	23.20	23.19	
5	16QAM	1	24	23.20	23.04	23.26	23
5	16QAM	12	0	22.09	22.03	22.16	
5	16QAM	12	7	22.13	22.08	22.18	
5	16QAM	12	13	22.03	22.02	22.03	23
5	16QAM	25	0	22.18	22.12	22.13	
5	64QAM	1	0	21.85	21.87	21.77	
5	64QAM	1	12	21.82	21.78	21.88	23
5	64QAM	1	24	21.86	21.74	21.75	
5	64QAM	12	0	21.26	21.05	21.32	
5	64QAM	12	7	21.24	21.03	21.26	22
5	64QAM	12	13	21.21	21.15	21.23	
5	64QAM	25	0	21.08	21.16	21.08	
5	256QAM	1	0	19.11	19.09	19.05	20
5	256QAM	1	12	18.80	18.87	18.69	
5	256QAM	1	24	18.77	18.77	18.70	
5	256QAM	12	0	19.01	19.19	19.05	20
5	256QAM	12	7	18.96	19.15	19.01	
5	256QAM	12	13	18.92	19.10	18.99	
5	256QAM	25	0	18.96	19.14	19.09	



<LTE Band 38_Ant 1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.06	19.23	19.32	
20	QPSK	1	49	18.92	19.22	19.30	19.8
20	QPSK	1	99	18.96	19.10	19.22	
20	QPSK	50	0	19.05	19.22	19.30	
20	QPSK	50	24	19.05	19.18	19.26	19.8
20	QPSK	50	50	19.01	19.11	19.18	
20	QPSK	100	0	19.04	19.14	19.22	
20	16QAM	1	0	19.13	19.26	19.28	19.8
20	16QAM	1	49	19.04	19.22	19.23	
20	16QAM	1	99	19.10	19.20	19.30	
20	16QAM	50	0	19.10	19.25	19.25	19.8
20	16QAM	50	24	19.08	19.20	19.28	
20	16QAM	50	50	19.07	19.16	19.25	
20	16QAM	100	0	19.08	19.17	19.28	19.8
20	64QAM	1	0	18.79	18.96	19.07	
20	64QAM	1	49	18.83	18.93	19.04	
20	64QAM	1	99	18.71	18.81	18.90	19.8
20	64QAM	50	0	19.11	19.25	19.24	
20	64QAM	50	24	19.08	19.20	19.31	
20	64QAM	50	50	19.06	19.15	19.25	19.8
20	64QAM	100	0	19.07	19.19	19.27	
20	256QAM	1	0	18.89	18.90	19.16	
20	256QAM	1	49	18.74	19.00	19.04	19.8
20	256QAM	1	99	18.73	18.76	18.88	
20	256QAM	50	0	18.87	19.06	19.28	
20	256QAM	50	24	19.02	19.11	19.08	19.8
20	256QAM	50	50	18.91	19.01	19.21	
20	256QAM	100	0	18.96	19.01	19.12	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.94	19.12	19.31	
15	QPSK	1	37	18.84	19.12	19.20	19.8
15	QPSK	1	74	18.90	19.09	19.21	
15	QPSK	36	0	19.02	19.17	19.23	
15	QPSK	36	20	19.04	19.18	19.09	19.8
15	QPSK	36	39	18.93	19.03	19.06	
15	QPSK	75	0	19.00	19.11	19.05	
15	16QAM	1	0	18.98	19.08	19.24	19.8
15	16QAM	1	37	19.02	19.07	19.09	
15	16QAM	1	74	19.07	19.03	19.15	
15	16QAM	36	0	19.01	19.20	19.25	19.8
15	16QAM	36	20	19.05	19.01	19.13	
15	16QAM	36	39	18.91	18.99	19.24	
15	16QAM	75	0	19.07	19.02	19.12	19.8
15	64QAM	1	0	18.76	18.91	18.87	
15	64QAM	1	37	18.76	18.73	18.95	
15	64QAM	1	74	18.71	18.72	18.74	19.8
15	64QAM	36	0	18.92	19.13	19.17	
15	64QAM	36	20	18.98	19.00	19.19	
15	64QAM	36	39	18.89	19.07	19.20	19.8
15	64QAM	75	0	18.92	19.08	19.16	
15	256QAM	1	0	18.72	18.83	19.12	
15	256QAM	1	37	18.56	18.86	18.97	19.8
15	256QAM	1	74	18.60	18.65	18.79	
15	256QAM	36	0	18.87	19.05	19.25	
15	256QAM	36	20	18.88	18.92	18.92	19.8
15	256QAM	36	39	18.74	18.83	19.16	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.93	18.84	18.92	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.90	19.07	19.19	19.8
10	QPSK	1	25	18.82	19.02	19.19	
10	QPSK	1	49	18.93	18.98	19.10	
10	QPSK	25	0	19.00	19.21	19.11	19.8
10	QPSK	25	12	19.01	19.15	19.20	
10	QPSK	25	25	18.83	18.98	19.09	
10	QPSK	50	0	19.00	19.10	19.03	
10	16QAM	1	0	18.98	19.07	19.08	19.8
10	16QAM	1	25	19.02	19.19	19.14	
10	16QAM	1	49	19.04	19.13	19.17	
10	16QAM	25	0	19.04	19.07	19.10	19.8
10	16QAM	25	12	18.95	19.12	19.08	
10	16QAM	25	25	19.04	19.07	19.17	
10	16QAM	50	0	19.03	19.00	19.25	
10	64QAM	1	0	18.65	18.92	19.02	19.8
10	64QAM	1	25	18.78	18.82	18.88	
10	64QAM	1	49	18.52	18.77	18.85	
10	64QAM	25	0	18.98	19.24	19.20	19.8
10	64QAM	25	12	18.88	19.17	19.27	
10	64QAM	25	25	18.88	19.05	19.16	
10	64QAM	50	0	19.01	19.09	19.10	
10	256QAM	1	0	18.76	18.72	18.99	19.8
10	256QAM	1	25	18.54	18.81	19.04	
10	256QAM	1	49	18.64	18.75	18.88	
10	256QAM	25	0	18.78	19.05	19.26	19.8
10	256QAM	25	12	18.93	19.00	18.97	
10	256QAM	25	25	18.81	18.98	19.11	
10	256QAM	50	0	18.84	18.91	19.06	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.90	19.16	19.29	19.8
5	QPSK	1	12	18.89	19.17	19.21	
5	QPSK	1	24	18.88	19.03	19.21	
5	QPSK	12	0	18.92	19.02	19.15	19.8
5	QPSK	12	7	18.97	19.12	19.16	
5	QPSK	12	13	18.99	18.97	19.09	
5	QPSK	25	0	19.01	18.96	19.07	
5	16QAM	1	0	19.09	19.25	19.11	19.8
5	16QAM	1	12	18.97	19.18	19.05	
5	16QAM	1	24	19.05	19.11	19.24	
5	16QAM	12	0	18.91	19.09	19.05	19.8
5	16QAM	12	7	19.05	19.15	19.26	
5	16QAM	12	13	18.90	19.01	19.25	
5	16QAM	25	0	18.93	18.97	19.24	
5	64QAM	1	0	18.73	18.83	19.03	19.8
5	64QAM	1	12	18.65	18.89	19.02	
5	64QAM	1	24	18.63	18.79	18.87	
5	64QAM	12	0	18.99	19.18	19.09	19.8
5	64QAM	12	7	19.03	19.12	19.12	
5	64QAM	12	13	18.97	18.95	19.14	
5	64QAM	25	0	18.98	18.99	19.08	
5	256QAM	1	0	18.83	18.82	19.05	19.8
5	256QAM	1	12	18.73	18.94	19.02	
5	256QAM	1	24	18.69	18.67	18.75	
5	256QAM	12	0	18.77	19.02	19.12	19.8
5	256QAM	12	7	18.85	19.07	18.96	
5	256QAM	12	13	18.73	18.81	19.03	
5	256QAM	25	0	18.78	18.87	19.06	



<LTE Band 38_Ant 0_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.23	24.18	24.29	
20	QPSK	1	49	24.24	24.16	24.14	25
20	QPSK	1	99	24.10	24.00	24.05	
20	QPSK	50	0	23.22	23.12	23.24	
20	QPSK	50	24	23.18	23.07	23.17	24
20	QPSK	50	50	23.15	23.04	23.10	
20	QPSK	100	0	23.16	23.10	23.17	
20	16QAM	1	0	23.33	23.29	23.37	24
20	16QAM	1	49	23.25	23.15	23.22	
20	16QAM	1	99	23.18	23.04	23.10	
20	16QAM	50	0	22.23	22.17	22.25	23
20	16QAM	50	24	22.21	22.14	22.20	
20	16QAM	50	50	22.16	22.06	22.12	
20	16QAM	100	0	22.18	22.11	22.18	23
20	64QAM	1	0	21.91	21.86	21.93	
20	64QAM	1	49	21.87	21.80	21.86	
20	64QAM	1	99	21.74	21.63	21.72	22
20	64QAM	50	0	21.21	21.13	21.20	
20	64QAM	50	24	21.15	21.06	21.14	
20	64QAM	50	50	21.10	21.00	21.08	20
20	64QAM	100	0	21.15	21.09	21.13	
20	256QAM	1	0	18.93	19.01	19.06	
20	256QAM	1	49	18.94	18.91	18.77	20
20	256QAM	1	99	18.83	18.77	18.72	
20	256QAM	50	0	19.07	19.16	19.19	20
20	256QAM	50	24	19.09	19.02	19.03	
20	256QAM	50	50	19.18	19.15	18.97	
20	256QAM	100	0	19.06	18.98	19.09	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.03	24.08	24.14	
15	QPSK	1	37	24.19	24.12	24.09	25
15	QPSK	1	74	23.99	23.90	23.97	
15	QPSK	36	0	23.10	22.96	23.13	24
15	QPSK	36	20	22.99	22.99	23.12	
15	QPSK	36	39	22.98	22.90	22.97	
15	QPSK	75	0	23.03	22.93	23.17	24
15	16QAM	1	0	23.27	23.27	23.35	
15	16QAM	1	37	23.08	23.07	23.06	
15	16QAM	1	74	23.18	23.03	23.04	23
15	16QAM	36	0	22.19	22.00	22.15	
15	16QAM	36	20	22.04	21.99	22.05	
15	16QAM	36	39	22.05	21.86	22.09	23
15	16QAM	75	0	22.03	22.01	22.02	
15	64QAM	1	0	21.81	21.70	21.86	
15	64QAM	1	37	21.77	21.66	21.81	22
15	64QAM	1	74	21.74	21.48	21.63	
15	64QAM	36	0	21.01	21.13	21.01	
15	64QAM	36	20	21.11	20.94	21.05	20
15	64QAM	36	39	21.04	20.84	21.07	
15	64QAM	75	0	21.07	20.98	21.01	
15	256QAM	1	0	18.79	18.81	19.06	20
15	256QAM	1	37	18.93	18.91	18.77	
15	256QAM	1	74	18.83	18.65	18.64	
15	256QAM	36	0	19.02	19.03	19.03	20
15	256QAM	36	20	19.04	18.98	18.98	
15	256QAM	36	39	19.00	19.10	18.88	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.88	18.89	19.07	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.21	24.17	24.23	25
10	QPSK	1	25	24.18	24.09	24.05	
10	QPSK	1	49	24.02	23.80	23.96	
10	QPSK	25	0	23.02	23.03	23.12	24
10	QPSK	25	12	23.09	22.89	23.07	
10	QPSK	25	25	23.04	23.02	23.02	
10	QPSK	50	0	22.96	22.96	23.07	24
10	16QAM	1	0	23.27	23.20	23.27	
10	16QAM	1	25	23.16	23.06	23.16	
10	16QAM	1	49	23.11	22.84	22.96	23
10	16QAM	25	0	22.19	22.08	22.17	
10	16QAM	25	12	22.04	21.96	22.13	
10	16QAM	25	25	22.13	22.04	22.05	23
10	16QAM	50	0	22.14	21.93	22.12	
10	64QAM	1	0	21.74	21.73	21.82	
10	64QAM	1	25	21.79	21.68	21.74	23
10	64QAM	1	49	21.71	21.62	21.64	
10	64QAM	25	0	21.15	20.95	21.17	22
10	64QAM	25	12	21.08	20.94	21.03	
10	64QAM	25	25	21.10	20.90	21.05	
10	64QAM	50	0	21.10	21.08	20.98	20
10	256QAM	1	0	18.79	18.85	18.87	
10	256QAM	1	25	18.75	18.78	18.63	
10	256QAM	1	49	18.71	18.74	18.66	20
10	256QAM	25	0	18.95	19.11	19.15	
10	256QAM	25	12	19.06	18.91	18.95	
10	256QAM	25	25	19.02	18.96	18.78	20
10	256QAM	50	0	18.92	18.84	18.96	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.14	23.98	24.22	25
5	QPSK	1	12	24.09	24.07	24.10	
5	QPSK	1	24	24.02	23.96	23.91	
5	QPSK	12	0	23.14	22.95	23.04	24
5	QPSK	12	7	23.10	22.96	23.07	
5	QPSK	12	13	22.96	22.89	22.90	
5	QPSK	25	0	22.99	22.95	22.98	24
5	16QAM	1	0	23.19	23.09	23.36	
5	16QAM	1	12	23.19	23.12	23.21	
5	16QAM	1	24	22.98	22.87	23.10	23
5	16QAM	12	0	22.09	22.17	22.25	
5	16QAM	12	7	22.15	22.04	22.16	
5	16QAM	12	13	22.15	21.96	21.94	23
5	16QAM	25	0	22.13	22.01	22.01	
5	64QAM	1	0	21.87	21.82	21.85	
5	64QAM	1	12	21.84	21.74	21.73	23
5	64QAM	1	24	21.74	21.48	21.71	
5	64QAM	12	0	21.02	20.98	21.09	22
5	64QAM	12	7	21.01	20.89	20.99	
5	64QAM	12	13	21.01	20.95	20.88	
5	64QAM	25	0	20.99	20.94	21.10	20
5	256QAM	1	0	18.77	18.86	18.98	
5	256QAM	1	12	18.74	18.78	18.68	
5	256QAM	1	24	18.68	18.70	18.71	20
5	256QAM	12	0	19.07	19.16	19.00	
5	256QAM	12	7	19.03	18.99	18.85	
5	256QAM	12	13	19.09	19.01	18.97	20
5	256QAM	25	0	18.98	18.94	19.04	



<LTE Band 38_Ant 5_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.01	23.94	24.11	
20	QPSK	1	49	23.90	23.95	24.10	25
20	QPSK	1	99	23.86	23.82	24.00	
20	QPSK	50	0	22.96	22.95	23.04	
20	QPSK	50	24	22.94	22.91	23.01	24
20	QPSK	50	50	22.91	22.87	22.97	
20	QPSK	100	0	22.90	22.91	23.02	
20	16QAM	1	0	23.05	23.06	23.20	24
20	16QAM	1	49	22.97	22.96	23.09	
20	16QAM	1	99	22.90	22.91	23.01	
20	16QAM	50	0	21.96	21.93	22.09	23
20	16QAM	50	24	21.94	21.95	22.06	
20	16QAM	50	50	21.93	21.89	21.99	
20	16QAM	100	0	21.94	21.93	22.03	23
20	64QAM	1	0	21.64	21.59	21.75	
20	64QAM	1	49	21.62	21.58	21.76	
20	64QAM	1	99	21.49	21.45	21.60	22
20	64QAM	50	0	20.93	20.88	21.05	
20	64QAM	50	24	20.88	20.87	20.99	
20	64QAM	50	50	20.87	20.84	20.97	20
20	64QAM	100	0	20.92	20.87	21.02	
20	256QAM	1	0	18.75	18.73	18.84	
20	256QAM	1	49	18.47	18.51	18.67	20
20	256QAM	1	99	18.41	18.51	18.65	
20	256QAM	50	0	18.79	18.81	18.93	20
20	256QAM	50	24	18.83	18.82	18.99	
20	256QAM	50	50	18.80	18.67	18.84	
20	256QAM	100	0	18.77	18.83	18.69	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.91	23.85	23.99	
15	QPSK	1	37	23.82	23.75	24.07	25
15	QPSK	1	74	23.85	23.80	24.00	
15	QPSK	36	0	22.82	22.86	22.91	24
15	QPSK	36	20	22.85	22.82	22.86	
15	QPSK	36	39	22.72	22.68	22.93	
15	QPSK	75	0	22.86	22.86	23.02	24
15	16QAM	1	0	22.94	22.97	23.15	
15	16QAM	1	37	22.87	22.84	22.91	
15	16QAM	1	74	22.84	22.78	22.83	23
15	16QAM	36	0	21.88	21.74	21.97	
15	16QAM	36	20	21.77	21.93	22.04	
15	16QAM	36	39	21.90	21.86	21.81	23
15	16QAM	75	0	21.79	21.89	21.95	
15	64QAM	1	0	21.56	21.43	21.56	
15	64QAM	1	37	21.51	21.55	21.73	22
15	64QAM	1	74	21.41	21.29	21.57	
15	64QAM	36	0	20.92	20.70	20.92	
15	64QAM	36	20	20.69	20.77	20.95	20
15	64QAM	36	39	20.74	20.74	20.78	
15	64QAM	75	0	20.78	20.76	20.88	
15	256QAM	1	0	18.67	18.73	18.68	20
15	256QAM	1	37	18.30	18.44	18.58	
15	256QAM	1	74	18.25	18.46	18.54	
15	256QAM	36	0	18.71	18.76	18.81	20
15	256QAM	36	20	18.65	18.81	18.83	
15	256QAM	36	39	18.80	18.55	18.72	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	18.69	18.69	18.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.00	23.74	23.98	25
10	QPSK	1	25	23.88	23.90	24.07	
10	QPSK	1	49	23.85	23.82	23.88	
10	QPSK	25	0	22.79	22.84	23.04	24
10	QPSK	25	12	22.74	22.82	22.98	
10	QPSK	25	25	22.78	22.78	22.83	
10	QPSK	50	0	22.81	22.71	23.01	24
10	16QAM	1	0	22.88	23.05	23.06	
10	16QAM	1	25	22.91	22.82	22.94	
10	16QAM	1	49	22.83	22.83	22.84	23
10	16QAM	25	0	21.89	21.74	21.98	
10	16QAM	25	12	21.76	21.92	21.91	
10	16QAM	25	25	21.91	21.81	21.92	23
10	16QAM	50	0	21.75	21.83	22.00	
10	64QAM	1	0	21.46	21.43	21.66	
10	64QAM	1	25	21.55	21.57	21.65	23
10	64QAM	1	49	21.32	21.43	21.56	
10	64QAM	25	0	20.92	20.74	20.98	
10	64QAM	25	12	20.70	20.71	20.88	22
10	64QAM	25	25	20.69	20.82	20.96	
10	64QAM	50	0	20.81	20.83	20.88	
10	256QAM	1	0	18.71	18.70	18.68	20
10	256QAM	1	25	18.42	18.45	18.49	
10	256QAM	1	49	18.24	18.39	18.55	
10	256QAM	25	0	18.79	18.65	18.89	20
10	256QAM	25	12	18.68	18.71	18.93	
10	256QAM	25	25	18.65	18.56	18.81	
10	256QAM	50	0	18.63	18.69	18.64	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.01	23.92	23.92	25
5	QPSK	1	12	23.79	23.78	24.08	
5	QPSK	1	24	23.80	23.66	23.98	
5	QPSK	12	0	22.91	22.82	23.00	24
5	QPSK	12	7	22.87	22.71	22.96	
5	QPSK	12	13	22.81	22.67	22.78	
5	QPSK	25	0	22.82	22.87	22.92	24
5	16QAM	1	0	22.97	23.00	23.11	
5	16QAM	1	12	22.96	22.92	22.97	
5	16QAM	1	24	22.86	22.87	22.89	23
5	16QAM	12	0	21.82	21.74	22.02	
5	16QAM	12	7	21.86	21.86	22.03	
5	16QAM	12	13	21.73	21.73	21.81	23
5	16QAM	25	0	21.86	21.82	22.03	
5	64QAM	1	0	21.44	21.44	21.62	
5	64QAM	1	12	21.58	21.53	21.68	23
5	64QAM	1	24	21.34	21.35	21.58	
5	64QAM	12	0	20.79	20.82	20.94	
5	64QAM	12	7	20.86	20.77	20.89	22
5	64QAM	12	13	20.67	20.74	20.95	
5	64QAM	25	0	20.75	20.83	20.90	
5	256QAM	1	0	18.65	18.58	18.65	20
5	256QAM	1	12	18.32	18.31	18.61	
5	256QAM	1	24	18.40	18.46	18.52	
5	256QAM	12	0	18.69	18.78	18.89	20
5	256QAM	12	7	18.63	18.78	18.88	
5	256QAM	12	13	18.76	18.55	18.68	
5	256QAM	25	0	18.61	18.81	18.65	



<LTE Band 38_HPUE_Ant 2_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.05	26.01	26.08	
20	QPSK	1	49	25.92	25.87	25.93	26.9
20	QPSK	1	99	25.91	25.87	25.91	
20	QPSK	50	0	25.17	25.12	25.16	
20	QPSK	50	24	25.12	25.05	25.11	25.9
20	QPSK	50	50	25.06	25.01	25.07	
20	QPSK	100	0	25.10	25.03	25.10	
20	16QAM	1	0	25.38	25.36	25.44	25.9
20	16QAM	1	49	25.24	25.22	25.30	
20	16QAM	1	99	25.25	25.23	25.28	
20	16QAM	50	0	24.17	24.12	24.20	24.9
20	16QAM	50	24	24.14	24.08	24.15	
20	16QAM	50	50	24.08	24.04	24.11	
20	16QAM	100	0	24.12	24.07	24.13	24.9
20	64QAM	1	0	24.15	24.12	24.20	
20	64QAM	1	49	24.01	23.99	24.07	
20	64QAM	1	99	23.99	23.98	24.03	23.9
20	64QAM	50	0	23.09	23.06	23.12	
20	64QAM	50	24	23.03	23.00	23.07	
20	64QAM	50	50	23.01	22.97	23.04	21.9
20	64QAM	100	0	23.04	22.99	23.07	
20	256QAM	1	0	21.15	21.09	21.18	
20	256QAM	1	49	21.00	20.96	21.01	21.9
20	256QAM	1	99	20.93	20.90	20.91	
20	256QAM	50	0	21.11	21.15	21.21	
20	256QAM	50	24	21.12	21.11	21.20	21.9
20	256QAM	50	50	21.04	21.04	21.05	
20	256QAM	100	0	21.02	21.06	21.07	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.04	25.87	25.92	
15	QPSK	1	37	25.76	25.85	25.77	26.9
15	QPSK	1	74	25.88	25.67	25.89	
15	QPSK	36	0	25.15	25.08	25.16	
15	QPSK	36	20	25.02	24.86	25.00	25.9
15	QPSK	36	39	25.00	25.01	25.00	
15	QPSK	75	0	25.01	24.95	25.06	
15	16QAM	1	0	25.24	25.29	25.34	25.9
15	16QAM	1	37	25.06	25.09	25.14	
15	16QAM	1	74	25.25	25.19	25.28	
15	16QAM	36	0	24.17	24.05	24.05	24.9
15	16QAM	36	20	24.11	23.89	24.04	
15	16QAM	36	39	24.02	23.90	24.10	
15	16QAM	75	0	24.00	23.88	24.07	24.9
15	64QAM	1	0	23.95	24.04	24.07	
15	64QAM	1	37	23.94	23.95	24.04	
15	64QAM	1	74	23.93	23.85	23.93	23.9
15	64QAM	36	0	23.02	22.96	23.09	
15	64QAM	36	20	22.97	22.80	23.04	
15	64QAM	36	39	22.82	22.78	22.93	21.9
15	64QAM	75	0	22.93	22.81	22.98	
15	256QAM	1	0	21.10	21.00	21.13	
15	256QAM	1	37	20.91	20.92	21.01	21.9
15	256QAM	1	74	20.90	20.85	20.87	
15	256QAM	36	0	21.10	21.07	21.05	
15	256QAM	36	20	21.00	21.03	21.18	21.9
15	256QAM	36	39	20.84	20.85	20.87	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.89	20.92	20.87	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.92	25.95	26.05	26.9
10	QPSK	1	25	25.73	25.76	25.80	
10	QPSK	1	49	25.74	25.74	25.81	
10	QPSK	25	0	25.14	24.95	25.02	25.9
10	QPSK	25	12	24.94	24.94	24.91	
10	QPSK	25	25	24.97	24.99	25.05	
10	QPSK	50	0	24.93	24.85	24.98	25.9
10	16QAM	1	0	25.34	25.31	25.25	
10	16QAM	1	25	25.08	25.17	25.24	
10	16QAM	1	49	25.19	25.14	25.22	24.9
10	16QAM	25	0	24.17	23.94	24.17	
10	16QAM	25	12	24.03	24.04	24.06	
10	16QAM	25	25	24.01	24.00	23.95	24.9
10	16QAM	50	0	24.04	23.99	23.97	
10	64QAM	1	0	24.04	23.93	24.14	
10	64QAM	1	25	23.99	23.91	23.97	24.9
10	64QAM	1	49	23.96	23.81	24.02	
10	64QAM	25	0	23.05	22.89	22.93	
10	64QAM	25	12	22.91	22.97	22.92	23.9
10	64QAM	25	25	22.98	22.81	22.88	
10	64QAM	50	0	22.92	22.86	23.02	
10	256QAM	1	0	20.96	20.99	21.00	21.9
10	256QAM	1	25	20.90	20.86	21.01	
10	256QAM	1	49	20.82	20.70	20.83	
10	256QAM	25	0	21.09	21.06	21.07	21.9
10	256QAM	25	12	21.02	21.04	21.09	
10	256QAM	25	25	20.87	20.86	20.85	
10	256QAM	50	0	20.87	21.04	20.95	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.85	25.98	25.94	26.9
5	QPSK	1	12	25.79	25.79	25.75	
5	QPSK	1	24	25.72	25.76	25.91	
5	QPSK	12	0	25.11	24.97	25.12	25.9
5	QPSK	12	7	24.95	24.86	25.09	
5	QPSK	12	13	24.86	25.00	24.89	
5	QPSK	25	0	25.08	24.94	25.00	25.9
5	16QAM	1	0	25.26	25.22	25.25	
5	16QAM	1	12	25.05	25.14	25.18	
5	16QAM	1	24	25.17	25.07	25.17	24.9
5	16QAM	12	0	24.10	24.12	24.02	
5	16QAM	12	7	24.10	23.89	23.97	
5	16QAM	12	13	23.94	24.04	23.96	24.9
5	16QAM	25	0	24.04	23.97	23.99	
5	64QAM	1	0	24.03	23.93	24.13	
5	64QAM	1	12	23.92	23.94	24.02	23.9
5	64QAM	1	24	23.84	23.84	23.88	
5	64QAM	12	0	23.09	22.88	23.00	
5	64QAM	12	7	22.97	22.83	22.91	21.9
5	64QAM	12	13	22.99	22.80	22.92	
5	64QAM	25	0	22.90	22.92	23.01	
5	256QAM	1	0	21.02	21.08	21.10	21.9
5	256QAM	1	12	20.97	20.79	20.85	
5	256QAM	1	24	20.77	20.70	20.91	
5	256QAM	12	0	21.10	21.04	21.05	21.9
5	256QAM	12	7	21.06	21.04	21.20	
5	256QAM	12	13	20.92	20.85	20.92	
5	256QAM	25	0	20.98	21.00	21.03	



<LTE Band 38_HPUE_Ant 1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.58	20.63	20.76	
20	QPSK	1	49	20.55	20.54	20.62	21.4
20	QPSK	1	99	20.53	20.52	20.59	
20	QPSK	50	0	20.56	20.70	20.70	
20	QPSK	50	24	20.55	20.62	20.65	21.4
20	QPSK	50	50	20.51	20.61	20.69	
20	QPSK	100	0	20.52	20.63	20.73	
20	16QAM	1	0	20.52	20.62	20.70	21.4
20	16QAM	1	49	20.69	20.53	20.69	
20	16QAM	1	99	20.58	20.39	20.56	
20	16QAM	50	0	20.60	20.74	20.64	21.4
20	16QAM	50	24	20.59	20.72	20.57	
20	16QAM	50	50	20.55	20.67	20.75	
20	16QAM	100	0	20.54	20.71	20.69	21.4
20	64QAM	1	0	20.61	20.71	20.58	
20	64QAM	1	49	20.53	20.64	20.73	
20	64QAM	1	99	20.49	20.62	20.66	21.4
20	64QAM	50	0	20.57	20.68	20.61	
20	64QAM	50	24	20.54	20.64	20.75	
20	64QAM	50	50	20.53	20.71	20.72	21.4
20	64QAM	100	0	20.54	20.66	20.75	
20	256QAM	1	0	20.39	20.55	20.75	21.4
20	256QAM	1	49	20.57	20.52	20.69	
20	256QAM	1	99	20.38	20.53	20.59	
20	256QAM	50	0	20.51	20.57	20.75	21.4
20	256QAM	50	24	20.40	20.57	20.73	
20	256QAM	50	50	20.48	20.57	20.69	
20	256QAM	100	0	20.38	20.63	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.55	20.47	20.69	
15	QPSK	1	37	20.35	20.54	20.50	21.4
15	QPSK	1	74	20.41	20.47	20.52	
15	QPSK	36	0	20.47	20.61	20.53	21.4
15	QPSK	36	20	20.42	20.54	20.52	
15	QPSK	36	39	20.34	20.55	20.66	
15	QPSK	75	0	20.41	20.43	20.57	21.4
15	16QAM	1	0	20.43	20.42	20.70	
15	16QAM	1	37	20.69	20.36	20.54	
15	16QAM	1	74	20.49	20.34	20.43	21.4
15	16QAM	36	0	20.60	20.73	20.49	
15	16QAM	36	20	20.51	20.65	20.53	
15	16QAM	36	39	20.54	20.47	20.59	21.4
15	16QAM	75	0	20.54	20.69	20.57	
15	64QAM	1	0	20.51	20.56	20.38	
15	64QAM	1	37	20.39	20.46	20.66	21.4
15	64QAM	1	74	20.44	20.58	20.62	
15	64QAM	36	0	20.40	20.58	20.50	
15	64QAM	36	20	20.37	20.59	20.56	21.4
15	64QAM	36	39	20.49	20.71	20.61	
15	64QAM	75	0	20.49	20.46	20.59	
15	256QAM	1	0	20.30	20.39	20.61	21.4
15	256QAM	1	37	20.57	20.51	20.67	
15	256QAM	1	74	20.37	20.35	20.57	
15	256QAM	36	0	20.45	20.55	20.69	21.4
15	256QAM	36	20	20.31	20.54	20.70	
15	256QAM	36	39	20.36	20.41	20.66	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.35	20.49	20.64	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.53	20.44	20.75	21.4
10	QPSK	1	25	20.41	20.47	20.62	
10	QPSK	1	49	20.34	20.39	20.44	
10	QPSK	25	0	20.50	20.63	20.57	21.4
10	QPSK	25	12	20.48	20.51	20.48	
10	QPSK	25	25	20.35	20.47	20.52	
10	QPSK	50	0	20.51	20.52	20.67	21.4
10	16QAM	1	0	20.51	20.53	20.67	
10	16QAM	1	25	20.52	20.46	20.57	
10	16QAM	1	49	20.48	20.19	20.37	21.4
10	16QAM	25	0	20.51	20.66	20.64	
10	16QAM	25	12	20.55	20.63	20.42	
10	16QAM	25	25	20.52	20.54	20.57	21.4
10	16QAM	50	0	20.38	20.52	20.61	
10	64QAM	1	0	20.56	20.54	20.46	
10	64QAM	1	25	20.41	20.48	20.72	21.4
10	64QAM	1	49	20.38	20.56	20.57	
10	64QAM	25	0	20.51	20.65	20.55	
10	64QAM	25	12	20.42	20.63	20.57	21.4
10	64QAM	25	25	20.53	20.70	20.53	
10	64QAM	50	0	20.38	20.46	20.73	
10	256QAM	1	0	20.35	20.50	20.57	21.4
10	256QAM	1	25	20.57	20.34	20.68	
10	256QAM	1	49	20.19	20.34	20.52	
10	256QAM	25	0	20.37	20.38	20.73	21.4
10	256QAM	25	12	20.22	20.48	20.65	
10	256QAM	25	25	20.43	20.52	20.52	
10	256QAM	50	0	20.33	20.51	20.69	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.44	20.54	20.63	21.4
5	QPSK	1	12	20.43	20.39	20.58	
5	QPSK	1	24	20.48	20.33	20.42	
5	QPSK	12	0	20.36	20.67	20.68	21.4
5	QPSK	12	7	20.52	20.44	20.49	
5	QPSK	12	13	20.50	20.51	20.62	
5	QPSK	25	0	20.49	20.52	20.55	21.4
5	16QAM	1	0	20.33	20.51	20.63	
5	16QAM	1	12	20.58	20.41	20.60	
5	16QAM	1	24	20.44	20.29	20.55	21.4
5	16QAM	12	0	20.48	20.65	20.49	
5	16QAM	12	7	20.47	20.55	20.47	
5	16QAM	12	13	20.41	20.55	20.58	21.4
5	16QAM	25	0	20.38	20.55	20.68	
5	64QAM	1	0	20.43	20.69	20.50	
5	64QAM	1	12	20.41	20.63	20.62	21.4
5	64QAM	1	24	20.32	20.42	20.58	
5	64QAM	12	0	20.56	20.66	20.60	
5	64QAM	12	7	20.47	20.54	20.63	21.4
5	64QAM	12	13	20.36	20.69	20.65	
5	64QAM	25	0	20.45	20.66	20.66	
5	256QAM	1	0	20.27	20.48	20.70	21.4
5	256QAM	1	12	20.39	20.34	20.64	
5	256QAM	1	24	20.28	20.51	20.41	
5	256QAM	12	0	20.35	20.53	20.74	21.4
5	256QAM	12	7	20.31	20.41	20.66	
5	256QAM	12	13	20.47	20.51	20.61	
5	256QAM	25	0	20.21	20.55	20.56	



<LTE Band 38_HPUE_Ant 0_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.13	26.14	26.21	
20	QPSK	1	49	26.02	25.98	26.01	26.9
20	QPSK	1	99	26.01	25.90	25.89	
20	QPSK	50	0	25.19	25.16	25.21	
20	QPSK	50	24	25.15	25.09	25.14	25.9
20	QPSK	50	50	25.10	25.04	25.09	
20	QPSK	100	0	25.13	25.08	25.13	
20	16QAM	1	0	25.38	25.39	25.45	25.9
20	16QAM	1	49	25.31	25.25	25.28	
20	16QAM	1	99	25.26	25.13	25.11	
20	16QAM	50	0	24.19	24.14	24.22	24.9
20	16QAM	50	24	24.21	24.08	24.16	
20	16QAM	50	50	24.15	24.06	24.10	
20	16QAM	100	0	24.18	24.11	24.14	24.9
20	64QAM	1	0	24.18	24.16	24.25	
20	64QAM	1	49	24.11	24.09	24.06	
20	64QAM	1	99	24.07	23.95	23.96	23.9
20	64QAM	50	0	23.16	23.10	23.18	
20	64QAM	50	24	23.12	23.04	23.11	
20	64QAM	50	50	23.10	23.01	23.05	21.9
20	64QAM	100	0	23.14	23.05	23.12	
20	256QAM	1	0	21.14	21.20	21.03	
20	256QAM	1	49	20.96	20.95	20.93	21.9
20	256QAM	1	99	20.76	20.84	20.78	
20	256QAM	50	0	21.20	21.18	21.14	
20	256QAM	50	24	21.02	21.17	20.97	21.9
20	256QAM	50	50	20.84	21.11	21.06	
20	256QAM	100	0	21.07	21.13	20.89	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.03	25.98	26.18	
15	QPSK	1	37	25.96	25.97	25.97	26.9
15	QPSK	1	74	25.98	25.83	25.70	
15	QPSK	36	0	25.02	24.96	25.01	
15	QPSK	36	20	25.07	24.94	25.00	25.9
15	QPSK	36	39	25.07	24.89	24.98	
15	QPSK	75	0	24.94	24.88	25.00	
15	16QAM	1	0	25.26	25.27	25.27	25.9
15	16QAM	1	37	25.18	25.13	25.16	
15	16QAM	1	74	25.21	25.03	25.00	
15	16QAM	36	0	24.01	24.10	24.07	24.9
15	16QAM	36	20	24.12	23.97	24.12	
15	16QAM	36	39	24.09	23.87	24.09	
15	16QAM	75	0	23.99	24.09	23.98	24.9
15	64QAM	1	0	24.12	24.04	24.15	
15	64QAM	1	37	23.98	24.00	23.95	
15	64QAM	1	74	24.07	23.78	23.82	23.9
15	64QAM	36	0	23.02	23.01	23.09	
15	64QAM	36	20	23.06	22.96	22.99	
15	64QAM	36	39	22.97	22.93	23.04	21.9
15	64QAM	75	0	22.95	22.90	22.99	
15	256QAM	1	0	21.06	21.00	20.89	
15	256QAM	1	37	20.79	20.84	20.80	21.9
15	256QAM	1	74	20.68	20.72	20.76	
15	256QAM	36	0	21.10	21.06	20.98	
15	256QAM	36	20	21.00	21.15	20.91	21.9
15	256QAM	36	39	20.75	21.05	20.96	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.93	20.98	20.80	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.94	26.05	26.10	26.9
10	QPSK	1	25	25.90	25.97	25.96	
10	QPSK	1	49	25.99	25.85	25.80	
10	QPSK	25	0	25.00	24.99	25.20	25.9
10	QPSK	25	12	25.09	24.99	25.09	
10	QPSK	25	25	25.02	24.98	25.07	
10	QPSK	50	0	25.05	24.88	25.13	25.9
10	16QAM	1	0	25.19	25.38	25.30	
10	16QAM	1	25	25.31	25.11	25.10	
10	16QAM	1	49	25.17	24.99	25.09	24.9
10	16QAM	25	0	24.02	24.14	24.07	
10	16QAM	25	12	24.07	24.03	23.96	
10	16QAM	25	25	24.09	23.89	23.95	24.9
10	16QAM	50	0	24.18	24.08	23.96	
10	64QAM	1	0	24.09	24.15	24.24	
10	64QAM	1	25	24.04	24.06	23.99	24.9
10	64QAM	1	49	23.95	23.84	23.95	
10	64QAM	25	0	23.12	22.98	22.98	
10	64QAM	25	12	22.98	23.03	22.96	23.9
10	64QAM	25	25	22.97	22.88	22.85	
10	64QAM	50	0	23.06	23.02	22.98	
10	256QAM	1	0	20.98	21.02	20.84	21.9
10	256QAM	1	25	20.87	20.88	20.73	
10	256QAM	1	49	20.62	20.71	20.62	
10	256QAM	25	0	21.14	20.99	21.10	21.9
10	256QAM	25	12	20.99	21.02	20.79	
10	256QAM	25	25	20.80	21.05	20.88	
10	256QAM	50	0	20.96	21.06	20.72	Tune-up limit (dBm)
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.06	25.96	26.07	26.9
5	QPSK	1	12	25.96	25.81	25.90	
5	QPSK	1	24	25.88	25.80	25.76	
5	QPSK	12	0	25.16	25.11	25.02	25.9
5	QPSK	12	7	25.01	24.91	25.10	
5	QPSK	12	13	25.00	24.86	25.04	
5	QPSK	25	0	25.08	24.93	25.05	25.9
5	16QAM	1	0	25.34	25.32	25.40	
5	16QAM	1	12	25.12	25.14	25.14	
5	16QAM	1	24	25.11	25.07	24.98	24.9
5	16QAM	12	0	24.11	23.99	24.20	
5	16QAM	12	7	24.13	23.98	24.11	
5	16QAM	12	13	23.97	23.94	23.96	24.9
5	16QAM	25	0	24.05	24.10	24.08	
5	64QAM	1	0	24.11	23.99	24.22	
5	64QAM	1	12	24.02	23.99	23.95	24.9
5	64QAM	1	24	23.99	23.85	23.79	
5	64QAM	12	0	23.01	23.10	23.02	
5	64QAM	12	7	23.11	22.85	22.99	23.9
5	64QAM	12	13	23.10	23.01	22.98	
5	64QAM	25	0	22.95	22.87	22.92	
5	256QAM	1	0	20.96	21.10	20.92	21.9
5	256QAM	1	12	20.83	20.76	20.84	
5	256QAM	1	24	20.66	20.77	20.66	
5	256QAM	12	0	21.12	21.07	20.98	21.9
5	256QAM	12	7	20.87	21.00	20.77	
5	256QAM	12	13	20.81	20.98	20.90	
5	256QAM	25	0	21.00	21.12	20.76	



<LTE Band 38_HPUE_Ant 5_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.88	25.91	26.01	
20	QPSK	1	49	25.82	25.81	25.87	26.9
20	QPSK	1	99	25.79	25.71	25.74	
20	QPSK	50	0	24.90	24.89	25.04	
20	QPSK	50	24	24.87	24.85	25.00	25.9
20	QPSK	50	50	24.83	24.82	24.96	
20	QPSK	100	0	24.84	24.85	24.98	
20	16QAM	1	0	25.16	25.16	25.26	25.9
20	16QAM	1	49	25.11	25.09	25.17	
20	16QAM	1	99	25.03	24.98	25.00	
20	16QAM	50	0	23.92	23.91	24.05	24.9
20	16QAM	50	24	23.93	23.91	24.04	
20	16QAM	50	50	23.89	23.84	24.07	
20	16QAM	100	0	23.91	23.87	24.02	24.9
20	64QAM	1	0	23.94	23.91	24.06	
20	64QAM	1	49	23.88	23.85	23.96	
20	64QAM	1	99	23.82	23.76	23.87	23.9
20	64QAM	50	0	22.88	23.03	23.12	
20	64QAM	50	24	22.85	22.86	23.01	
20	64QAM	50	50	22.83	22.76	22.94	21.9
20	64QAM	100	0	22.87	22.84	22.89	
20	256QAM	1	0	20.71	20.74	20.97	
20	256QAM	1	49	20.78	20.87	20.85	21.9
20	256QAM	1	99	20.40	20.54	20.62	
20	256QAM	50	0	20.71	20.72	20.91	
20	256QAM	50	24	20.61	20.77	20.91	21.9
20	256QAM	50	50	20.78	20.76	20.92	
20	256QAM	100	0	20.81	20.73	20.72	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.74	25.89	25.93	
15	QPSK	1	37	25.67	25.65	25.83	26.9
15	QPSK	1	74	25.78	25.52	25.67	
15	QPSK	36	0	24.90	24.82	24.98	
15	QPSK	36	20	24.69	24.81	24.83	25.9
15	QPSK	36	39	24.78	24.79	24.96	
15	QPSK	75	0	24.65	24.81	24.88	
15	16QAM	1	0	25.02	25.12	25.14	25.9
15	16QAM	1	37	24.97	24.97	25.16	
15	16QAM	1	74	24.83	24.79	24.96	
15	16QAM	36	0	23.75	23.84	23.94	24.9
15	16QAM	36	20	23.93	23.87	23.87	
15	16QAM	36	39	23.71	23.78	24.05	
15	16QAM	75	0	23.85	23.73	23.94	24.9
15	64QAM	1	0	23.86	23.81	23.99	
15	64QAM	1	37	23.68	23.82	23.76	
15	64QAM	1	74	23.72	23.70	23.83	23.9
15	64QAM	36	0	22.79	22.86	23.06	
15	64QAM	36	20	22.73	22.72	22.97	
15	64QAM	36	39	22.74	22.58	22.76	21.9
15	64QAM	75	0	22.73	22.66	22.69	
15	256QAM	1	0	20.69	20.74	20.82	
15	256QAM	1	37	20.67	20.70	20.70	21.9
15	256QAM	1	74	20.20	20.47	20.46	
15	256QAM	36	0	20.65	20.72	20.85	
15	256QAM	36	20	20.61	20.60	20.86	21.9
15	256QAM	36	39	20.58	20.75	20.90	



FCC SAR TEST REPORT

Report No. : FA4N0920C

15	256QAM	75	0	20.69	20.58	20.69	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.86	25.82	25.99	26.9
10	QPSK	1	25	25.72	25.69	25.72	
10	QPSK	1	49	25.59	25.59	25.61	
10	QPSK	25	0	24.76	24.76	25.00	25.9
10	QPSK	25	12	24.76	24.83	24.98	
10	QPSK	25	25	24.76	24.66	24.87	
10	QPSK	50	0	24.80	24.82	24.82	
10	16QAM	1	0	25.13	25.05	25.12	25.9
10	16QAM	1	25	24.99	25.01	25.13	
10	16QAM	1	49	24.99	24.84	24.80	
10	16QAM	25	0	23.82	23.73	24.01	24.9
10	16QAM	25	12	23.89	23.81	23.85	
10	16QAM	25	25	23.81	23.67	23.87	
10	16QAM	50	0	23.90	23.68	24.00	
10	64QAM	1	0	23.76	23.72	23.87	24.9
10	64QAM	1	25	23.87	23.72	23.96	
10	64QAM	1	49	23.62	23.76	23.82	
10	64QAM	25	0	22.88	22.83	23.10	23.9
10	64QAM	25	12	22.75	22.66	22.99	
10	64QAM	25	25	22.79	22.61	22.89	
10	64QAM	50	0	22.69	22.80	22.70	
10	256QAM	1	0	20.51	20.65	20.78	21.9
10	256QAM	1	25	20.64	20.72	20.67	
10	256QAM	1	49	20.25	20.38	20.50	
10	256QAM	25	0	20.67	20.56	20.73	21.9
10	256QAM	25	12	20.43	20.58	20.87	
10	256QAM	25	25	20.66	20.67	20.85	
10	256QAM	50	0	20.76	20.58	20.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.70	25.81	25.88	26.9
5	QPSK	1	12	25.62	25.69	25.81	
5	QPSK	1	24	25.60	25.69	25.69	
5	QPSK	12	0	24.85	24.72	24.97	25.9
5	QPSK	12	7	24.71	24.78	24.84	
5	QPSK	12	13	24.76	24.70	24.96	
5	QPSK	25	0	24.69	24.81	24.91	
5	16QAM	1	0	25.15	25.14	25.11	25.9
5	16QAM	1	12	25.05	24.98	25.07	
5	16QAM	1	24	25.02	24.85	24.93	
5	16QAM	12	0	23.74	23.81	23.85	24.9
5	16QAM	12	7	23.83	23.72	23.84	
5	16QAM	12	13	23.77	23.71	23.93	
5	16QAM	25	0	23.73	23.78	23.97	
5	64QAM	1	0	23.84	23.88	23.94	24.9
5	64QAM	1	12	23.70	23.66	23.84	
5	64QAM	1	24	23.77	23.73	23.68	
5	64QAM	12	0	22.79	22.91	22.93	23.9
5	64QAM	12	7	22.82	22.67	22.93	
5	64QAM	12	13	22.71	22.74	22.83	
5	64QAM	25	0	22.67	22.81	22.88	
5	256QAM	1	0	20.58	20.74	20.89	21.9
5	256QAM	1	12	20.65	20.70	20.83	
5	256QAM	1	24	20.32	20.41	20.60	
5	256QAM	12	0	20.60	20.68	20.79	21.9
5	256QAM	12	7	20.48	20.77	20.71	
5	256QAM	12	13	20.71	20.66	20.87	
5	256QAM	25	0	20.64	20.72	20.61	



<LTE Band 38_Ant 2_Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.78	19.73	19.80	
20	QPSK	1	49	19.77	19.70	19.79	19.9
20	QPSK	1	99	19.57	19.57	19.65	
20	QPSK	50	0	19.75	19.67	19.76	
20	QPSK	50	24	19.70	19.61	19.69	19.9
20	QPSK	50	50	19.64	19.57	19.63	
20	QPSK	100	0	19.69	19.61	19.70	
20	16QAM	1	0	19.76	19.79	19.76	19.9
20	16QAM	1	49	19.70	19.64	19.71	
20	16QAM	1	99	19.66	19.60	19.71	
20	16QAM	50	0	19.78	19.76	19.71	19.9
20	16QAM	50	24	19.74	19.69	19.76	
20	16QAM	50	50	19.69	19.64	19.71	
20	16QAM	100	0	19.74	19.69	19.77	19.9
20	64QAM	1	0	19.49	19.46	19.51	
20	64QAM	1	49	19.45	19.40	19.47	
20	64QAM	1	99	19.29	19.24	19.36	19.9
20	64QAM	50	0	19.77	19.73	19.73	
20	64QAM	50	24	19.73	19.69	19.78	
20	64QAM	50	50	19.63	19.63	19.74	19.9
20	64QAM	100	0	19.71	19.66	19.75	
20	256QAM	1	0	19.07	19.14	19.01	
20	256QAM	1	49	18.83	18.93	18.73	19.9
20	256QAM	1	99	18.62	18.80	18.82	
20	256QAM	50	0	19.18	19.19	19.22	
20	256QAM	50	24	19.02	19.06	19.00	19.9
20	256QAM	50	50	18.99	19.09	18.95	
20	256QAM	100	0	19.02	18.97	19.05	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.62	19.67	19.70	
15	QPSK	1	37	19.65	19.57	19.74	19.9
15	QPSK	1	74	19.37	19.55	19.46	
15	QPSK	36	0	19.62	19.48	19.66	
15	QPSK	36	20	19.63	19.48	19.68	19.9
15	QPSK	36	39	19.61	19.56	19.46	
15	QPSK	75	0	19.68	19.58	19.67	
15	16QAM	1	0	19.61	19.64	19.76	19.9
15	16QAM	1	37	19.61	19.62	19.58	
15	16QAM	1	74	19.63	19.56	19.53	
15	16QAM	36	0	19.68	19.63	19.53	19.9
15	16QAM	36	20	19.55	19.64	19.56	
15	16QAM	36	39	19.49	19.64	19.65	
15	16QAM	75	0	19.57	19.69	19.57	19.9
15	64QAM	1	0	19.47	19.28	19.34	
15	64QAM	1	37	19.41	19.33	19.41	
15	64QAM	1	74	19.19	19.15	19.34	19.9
15	64QAM	36	0	19.65	19.65	19.56	
15	64QAM	36	20	19.71	19.67	19.60	
15	64QAM	36	39	19.46	19.63	19.74	19.9
15	64QAM	75	0	19.54	19.62	19.72	
15	256QAM	1	0	18.92	18.98	18.97	
15	256QAM	1	37	18.66	18.80	18.57	19.9
15	256QAM	1	74	18.53	18.66	18.82	
15	256QAM	36	0	19.04	19.15	19.05	
15	256QAM	36	20	18.90	19.02	18.96	19.9
15	256QAM	36	39	18.84	18.95	18.92	