

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 415 of 748

	256QAM	50	0	16.86	16.99	16.86	18.50	
		1	0	16.82	17.02	16.88	18.50	
		1	25	16.88	17.02	16.87	18.50	
		1	49	16.86	17.03	16.83	18.50	
		25	0	16.82	17.01	16.87	18.50	
		25	13	16.80	16.97	16.84	18.50	
		25	25	16.84	16.95	16.89	18.50	
		50	0	16.82	16.96	16.90	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	16.88	17.05	16.96	18.50	
		1	38	16.80	16.97	16.92	18.50	
		1	74	17.01	16.86	16.86	18.50	
		36	0	16.87	17.07	17.04	18.50	
		36	18	16.94	17.06	16.99	18.50	
		36	39	16.98	16.91	17.00	18.50	
	16QAM	75	0	16.94	16.90	16.91	18.50	
		1	0	16.92	17.06	16.94	18.50	
		1	38	16.91	17.03	16.96	18.50	
		1	74	16.90	16.89	16.93	18.50	
		36	0	16.95	16.96	16.97	18.50	
		36	18	16.86	17.03	17.04	18.50	
	64QAM	36	39	16.83	17.02	16.87	18.50	
		75	0	16.84	16.89	16.96	18.50	
		1	0	16.89	17.01	16.84	18.50	
		1	38	17.02	16.87	16.86	18.50	
		1	74	16.84	16.92	16.95	18.50	
		36	0	16.88	16.96	16.82	18.50	
	256QAM	36	18	16.76	16.97	17.01	18.50	
		36	39	16.92	16.93	16.97	18.50	
		75	0	16.84	17.00	16.90	18.50	
		1	0	16.83	17.06	16.90	18.50	
		1	38	16.78	17.00	16.91	18.50	
		1	74	16.78	16.99	16.84	18.50	
	20MHz	QPSK	36	0	16.86	17.01	16.89	18.50
			36	18	16.81	17.05	16.92	18.50
			36	39	16.78	16.98	16.86	18.50
			75	0	16.80	17.05	16.86	18.50
			1	0	17.11	17.08	17.02	18.50
			1	50	16.94	17.10	17.14	18.50
		16QAM	1	99	16.97	16.95	16.99	18.50
			50	0	16.94	17.11	17.07	18.50
			50	25	17.06	17.00	17.01	18.50
			50	50	16.92	17.08	17.00	18.50
			100	0	16.91	17.05	17.08	18.50
			1	0	17.03	16.97	17.09	18.50
64QAM	1	50	16.96	17.17	17.13	18.50		
	1	99	16.97	17.06	17.01	18.50		
	50	0	16.98	17.04	17.14	18.50		
	50	25	16.90	17.02	17.10	18.50		
	50	50	16.90	17.00	17.01	18.50		
	100	0	17.11	17.13	17.04	18.50		
		1	0	17.12	17.01	17.07	18.50	
		1	50	16.92	17.10	17.03	18.50	
		1	99	17.00	17.02	17.05	18.50	
		50	0	17.04	16.98	17.06	18.50	
		50	25	17.03	17.01	17.13	18.50	
		50	50	16.98	17.07	17.04	18.50	
		100	0	16.94	17.00	17.04	18.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 416 of 748

256QAM	1	0	16.91	17.08	17.02	18.50
	1	50	16.86	17.07	16.96	18.50
	1	99	16.90	17.02	17.00	18.50
	50	0	16.88	17.00	16.96	18.50
	50	25	16.88	17.03	17.00	18.50
	50	50	16.91	17.01	16.96	18.50
	100	0	16.92	17.06	16.97	18.50

LTE Band 4 DSI0				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	23.58	23.48	23.38	24.70	
		1	2	23.34	23.42	23.50	24.70	
		1	5	23.34	23.26	23.36	24.70	
		3	0	23.47	23.40	23.43	24.70	
		3	2	23.18	23.20	23.17	24.70	
		3	3	23.27	23.35	23.42	24.70	
	16QAM	6	0	22.31	22.29	22.32	23.70	
		1	0	22.37	22.42	22.36	23.70	
		1	2	22.45	22.38	22.33	23.70	
		1	5	22.52	22.43	22.46	23.70	
		3	0	22.34	22.44	22.38	23.70	
		3	2	22.19	22.19	22.16	23.70	
	64QAM	3	3	22.14	22.16	22.10	23.70	
		6	0	21.19	21.20	21.10	22.70	
		1	0	21.23	21.20	21.26	22.70	
		1	2	21.29	21.19	21.29	22.70	
		1	5	21.32	21.29	21.21	22.70	
		3	0	21.54	21.46	21.56	22.70	
	256QAM	3	2	21.07	21.10	21.13	22.70	
		3	3	21.18	21.02	21.11	22.70	
		6	0	20.16	20.16	20.20	21.70	
		1	0	18.52	18.45	18.37	19.70	
		1	2	18.48	18.50	18.52	19.70	
		1	5	18.34	18.37	18.27	19.70	
	3MHz	QPSK	3	0	18.62	18.53	18.53	19.70
			3	2	18.29	18.38	18.31	19.70
			3	3	18.24	18.23	18.27	19.70
			6	0	18.39	18.43	18.37	19.70
			1	0	23.35	23.41	23.51	24.70
			1	7	23.37	23.40	23.32	24.70
		16QAM	1	14	23.32	23.32	23.38	24.70
			8	0	22.37	22.38	22.41	23.70
			8	4	22.14	22.10	22.03	23.70
			8	7	22.45	22.38	22.32	23.70
			15	0	22.38	22.34	22.36	23.70
			1	0	22.43	22.33	22.42	23.70
64QAM	1	7	22.41	22.48	22.52	23.70		
	1	14	22.46	22.39	22.35	23.70		
	8	0	21.51	21.50	21.51	22.70		
	8	4	21.07	21.15	21.10	22.70		
	8	7	21.19	21.21	21.21	22.70		
	15	0	21.39	21.29	21.38	22.70		
3MHz	64QAM	1	0	21.15	21.20	21.14	22.70	
		1	7	21.20	21.23	21.23	22.70	
		1	14	21.39	21.39	21.40	22.70	
		8	0	20.52	20.43	20.42	21.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 417 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	256QAM	8	4	20.24	20.19	20.14	21.70	
		8	7	20.14	20.10	20.12	21.70	
		15	0	20.20	20.26	20.21	21.70	
		1	0	18.39	18.38	18.28	19.70	
		1	7	18.46	18.46	18.42	19.70	
		1	14	18.38	18.31	18.25	19.70	
		8	0	18.42	18.45	18.49	19.70	
		8	4	18.45	18.47	18.46	19.70	
		8	7	18.29	18.32	18.39	19.70	
		15	0	18.38	18.43	18.44	19.70	
	5MHz	QPSK	1	0	23.59	23.49	23.55	24.70
			1	13	23.48	23.40	23.48	24.70
			12	24	23.18	23.24	23.19	24.70
			12	0	22.33	22.42	22.49	23.70
			12	6	22.16	22.09	22.14	23.70
			12	13	22.32	22.31	22.29	23.70
		16QAM	25	0	22.45	22.44	22.50	23.70
			1	0	22.34	22.24	22.16	23.70
			1	13	22.33	22.42	22.36	23.70
			1	24	22.25	22.30	22.22	23.70
12			0	21.54	21.54	21.55	22.70	
12			6	21.16	21.25	21.18	22.70	
64QAM		12	13	21.12	21.16	21.11	22.70	
		25	0	21.20	21.27	21.17	22.70	
		1	0	21.16	21.24	21.25	22.70	
		1	13	21.36	21.26	21.30	22.70	
		1	24	21.47	21.39	21.29	22.70	
		12	0	20.34	20.33	20.31	21.70	
256QAM		12	6	20.26	20.29	20.38	21.70	
		12	13	20.13	20.19	20.09	21.70	
	25	0	20.35	20.35	20.28	21.70		
	1	0	18.41	18.43	18.42	19.70		
	1	13	18.39	18.38	18.29	19.70		
	1	24	18.27	18.33	18.37	19.70		
10MHz	QPSK	12	0	18.55	18.46	18.49	19.70	
		12	6	18.46	18.41	18.35	19.70	
		12	13	18.17	18.27	18.26	19.70	
		25	0	18.31	18.35	18.33	19.70	
		1	0	23.45	23.54	23.44	24.70	
		1	25	23.39	23.39	23.36	24.70	
	16QAM	1	49	23.31	23.28	23.34	24.70	
		25	0	22.39	22.47	22.40	23.70	
		25	13	22.24	22.14	22.15	23.70	
		25	25	22.28	22.36	22.35	23.70	
		50	0	22.37	22.39	22.34	23.70	
		1	0	22.30	22.25	22.31	23.70	
	64QAM	1	25	22.57	22.50	22.53	23.70	
		1	49	22.36	22.38	22.37	23.70	
		25	0	21.48	21.45	21.45	22.70	
		25	13	21.29	21.30	21.24	22.70	
		25	25	21.14	21.23	21.14	22.70	
		50	0	21.37	21.34	21.41	22.70	
	64QAM	1	0	21.38	21.34	21.39	22.70	
		1	25	21.36	21.26	21.23	22.70	
1		49	21.27	21.29	21.19	22.70		
25		0	20.38	20.40	20.46	21.70		
25		13	20.32	20.37	20.45	21.70		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 418 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	25	20.12	20.21	20.28	21.70	
		50	0	20.40	20.39	20.39	21.70	
		1	0	18.31	18.37	18.39	19.70	
		1	25	18.26	18.35	18.26	19.70	
		1	49	18.46	18.37	18.31	19.70	
		25	0	18.46	18.37	18.30	19.70	
		25	13	18.48	18.50	18.45	19.70	
		25	25	18.24	18.29	18.37	19.70	
	50	0	18.46	18.42	18.40	19.70		
	15MHz	QPSK	1	0	23.44	23.45	23.35	24.70
			1	38	23.37	23.41	23.39	24.70
			1	74	23.23	23.21	23.17	24.70
			36	0	22.40	22.41	22.34	23.70
			36	18	22.10	22.17	22.12	23.70
			36	39	22.44	22.36	22.45	23.70
			75	0	22.45	22.42	22.33	23.70
			1	0	22.38	22.33	22.40	23.70
		16QAM	1	38	22.63	22.53	22.61	23.70
			1	74	22.41	22.37	22.30	23.70
			36	0	21.37	21.42	21.35	22.70
			36	18	21.29	21.21	21.29	22.70
			36	39	21.21	21.26	21.28	22.70
			75	0	21.24	21.28	21.36	22.70
			1	0	21.36	21.40	21.48	22.70
			1	38	21.30	21.31	21.23	22.70
		64QAM	1	74	21.22	21.19	21.16	22.70
			36	0	20.39	20.30	20.28	21.70
			36	18	20.47	20.45	20.43	21.70
36			39	20.29	20.25	20.34	21.70	
75			0	20.46	20.39	20.32	21.70	
1			0	18.47	18.41	18.31	19.70	
1			38	18.50	18.41	18.49	19.70	
1			74	18.31	18.39	18.39	19.70	
256QAM		36	0	18.32	18.37	18.43	19.70	
		36	18	18.61	18.60	18.57	19.70	
		36	39	18.15	18.19	18.27	19.70	
		75	0	18.34	18.42	18.45	19.70	
	20MHz	QPSK	1	0	/	23.40	/	24.70
			1	50	/	23.33	/	24.70
			1	99	/	23.24	/	24.70
			50	0	/	22.36	/	23.70
50			25	/	22.24	/	23.70	
50			50	/	22.36	/	23.70	
100			0	/	22.41	/	23.70	
1			0	/	22.26	/	23.70	
16QAM		1	50	/	22.44	/	23.70	
		1	99	/	22.30	/	23.70	
		50	0	/	21.43	/	22.70	
		50	25	/	21.29	/	22.70	
		50	50	/	21.35	/	22.70	
		100	0	/	21.24	/	22.70	
		1	0	/	21.41	/	22.70	
		1	50	/	21.22	/	22.70	
64QAM		1	99	/	21.15	/	22.70	
		50	0	/	20.36	/	21.70	
		50	25	/	20.42	/	21.70	
		50	50	/	20.29	/	21.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 419 of 748

256QAM	100	0	/	20.47	/	21.70
	1	0	/	18.32	/	19.70
	1	50	/	18.40	/	19.70
	1	99	/	18.40	/	19.70
	50	0	/	18.35	/	19.70
	50	25	/	18.51	/	19.70
	50	50	/	18.29	/	19.70
	100	0	/	18.38	/	19.70

LTE Band 4 DS11				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	18.69	18.61	18.71	20.00	
		1	2	18.61	18.78	18.68	20.00	
		1	5	18.61	18.73	18.66	20.00	
		3	0	18.62	18.66	18.72	20.00	
		3	2	18.65	18.71	18.72	20.00	
		3	3	18.69	18.63	18.70	20.00	
	16QAM	6	0	18.79	18.71	18.79	20.00	
		1	0	18.74	18.67	18.79	20.00	
		1	2	18.63	18.75	18.76	20.00	
		1	5	18.69	18.66	18.61	20.00	
		3	0	18.67	18.75	18.67	20.00	
		3	2	18.68	18.76	18.66	20.00	
	64QAM	3	3	18.71	18.77	18.63	20.00	
		6	0	18.62	18.78	18.62	20.00	
		1	0	18.63	18.79	18.79	20.00	
		1	2	18.64	18.70	18.69	20.00	
		1	5	18.77	18.76	18.77	20.00	
		3	0	18.62	18.70	18.75	20.00	
	256QAM	3	2	18.77	18.68	18.76	20.00	
		3	3	18.72	18.77	18.72	20.00	
		6	0	18.66	18.69	18.78	20.00	
		1	0	18.65	18.72	18.68	19.70	
		1	2	18.47	18.36	18.48	19.70	
		1	5	18.36	18.34	18.34	19.70	
	3MHz	QPSK	3	0	18.41	18.37	18.39	19.70
			3	2	18.44	18.50	18.46	19.70
			3	3	18.31	18.29	18.34	19.70
			6	0	18.30	18.43	18.46	19.70
			1	0	18.78	18.68	18.63	20.00
			1	7	18.74	18.76	18.74	20.00
		16QAM	1	14	18.75	18.63	18.78	20.00
			8	0	18.76	18.76	18.78	20.00
			8	4	18.79	18.72	18.64	20.00
			8	7	18.61	18.78	18.73	20.00
			15	0	18.75	18.67	18.69	20.00
			1	0	18.79	18.68	18.68	20.00
64QAM	1	7	18.79	18.77	18.66	20.00		
	1	14	18.79	18.75	18.78	20.00		
	8	0	18.72	18.67	18.74	20.00		
	8	4	18.79	18.70	18.75	20.00		
	8	7	18.70	18.73	18.63	20.00		
	15	0	18.62	18.69	18.63	20.00		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 420 of 748

	256QAM	8	0	18.73	18.61	18.78	20.00	
		8	4	18.66	18.75	18.64	20.00	
		8	7	18.77	18.66	18.67	20.00	
		15	0	18.68	18.70	18.72	20.00	
		1	0	18.70	18.75	18.77	19.70	
		1	7	18.36	18.39	18.49	19.70	
		1	14	18.31	18.48	18.37	19.70	
		8	0	18.33	18.31	18.38	19.70	
		8	4	18.44	18.54	18.44	19.70	
		8	7	18.28	18.38	18.24	19.70	
15	0	18.44	18.39	18.47	19.70			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	18.76	18.79	18.72	20.00	
		1	13	18.72	18.63	18.78	20.00	
		1	24	18.76	18.73	18.76	20.00	
		12	0	18.64	18.69	18.70	20.00	
		12	6	18.63	18.75	18.71	20.00	
		12	13	18.78	18.66	18.79	20.00	
	16QAM	25	0	18.67	18.75	18.74	20.00	
		1	0	18.66	18.74	18.73	20.00	
		1	13	18.63	18.65	18.73	20.00	
		1	24	18.78	18.79	18.62	20.00	
		12	0	18.74	18.77	18.65	20.00	
		12	6	18.66	18.72	18.75	20.00	
	64QAM	12	13	18.73	18.61	18.61	20.00	
		25	0	18.75	18.76	18.74	20.00	
		1	0	18.69	18.72	18.70	20.00	
		1	13	18.61	18.70	18.70	20.00	
		1	24	18.72	18.68	18.70	20.00	
		12	0	18.61	18.66	18.63	20.00	
	256QAM	12	6	18.73	18.65	18.74	20.00	
		12	13	18.72	18.72	18.77	20.00	
		25	0	18.61	18.62	18.66	20.00	
		1	0	18.76	18.79	18.73	19.70	
		1	13	18.33	18.33	18.37	19.70	
		1	24	18.48	18.37	18.41	19.70	
	10MHz	QPSK	12	0	18.38	18.26	18.30	19.70
			12	6	18.58	18.60	18.47	19.70
			12	13	18.29	18.38	18.27	19.70
			25	0	18.31	18.35	18.35	19.70
			1	0	18.77	18.69	18.76	20.00
			1	25	18.74	18.64	18.64	20.00
16QAM		1	49	18.65	18.72	18.72	20.00	
		25	0	18.77	18.63	18.62	20.00	
		25	13	18.70	18.79	18.70	20.00	
		25	25	18.67	18.66	18.75	20.00	
		50	0	18.68	18.72	18.64	20.00	
		1	0	18.69	18.79	18.77	20.00	
64QAM	1	25	18.74	18.66	18.65	20.00		
	1	49	18.70	18.69	18.68	20.00		
	25	0	18.68	18.77	18.79	20.00		
	25	13	18.70	18.69	18.68	20.00		
	1	0	18.69	18.79	18.77	20.00		
	25	0	18.68	18.77	18.79	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 421 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	256QAM	25	13	18.64	18.78	18.69	20.00
		25	25	18.67	18.76	18.77	20.00
		50	0	18.79	18.79	18.70	20.00
		1	0	18.75	18.61	18.63	19.70
		1	25	18.35	18.44	18.43	19.70
		1	49	18.49	18.31	18.42	19.70
		25	0	18.43	18.37	18.30	19.70
		25	13	18.49	18.59	18.48	19.70
		25	25	18.32	18.31	18.36	19.70
		50	0	18.36	18.29	18.47	19.70
15MHz	QPSK	1	0	18.61	18.63	18.72	20.00
		1	38	18.72	18.73	18.74	20.00
		1	74	18.64	18.79	18.63	20.00
		36	0	18.76	18.77	18.74	20.00
		36	18	18.71	18.78	18.68	20.00
		36	39	18.71	18.70	18.64	20.00
		75	0	18.70	18.75	18.63	20.00
	16QAM	1	0	18.67	18.68	18.76	20.00
		1	38	18.64	18.69	18.69	20.00
		1	74	18.77	18.63	18.65	20.00
		36	0	18.69	18.65	18.76	20.00
		36	18	18.66	18.69	18.65	20.00
		36	39	18.78	18.76	18.61	20.00
		75	0	18.69	18.69	18.66	20.00
	64QAM	1	0	18.62	18.77	18.63	20.00
		1	38	18.63	18.67	18.70	20.00
		1	74	18.75	18.71	18.62	20.00
		36	0	18.67	18.64	18.66	20.00
		36	18	18.67	18.64	18.79	20.00
		36	39	18.70	18.63	18.79	20.00
		75	0	18.79	18.72	18.73	20.00
	256QAM	1	0	18.63	18.71	18.63	19.70
		1	38	18.38	18.49	18.41	19.70
		1	74	18.45	18.41	18.37	19.70
		36	0	18.44	18.29	18.42	19.70
		36	18	18.54	18.55	18.57	19.70
		36	39	18.24	18.35	18.23	19.70
		75	0	18.33	18.43	18.37	19.70
20MHz	QPSK	1	0	/	18.62	/	20.00
		1	50	/	18.79	/	20.00
		1	99	/	18.77	/	20.00
		50	0	/	18.78	/	20.00
		50	25	/	18.65	/	20.00
		50	50	/	18.62	/	20.00
		100	0	/	18.76	/	20.00
	16QAM	1	0	/	18.77	/	20.00
		1	50	/	18.76	/	20.00
		1	99	/	18.78	/	20.00
		50	0	/	18.74	/	20.00
		50	25	/	18.61	/	20.00
		50	50	/	18.62	/	20.00
		100	0	/	18.74	/	20.00
	64QAM	1	0	/	18.79	/	20.00
		1	50	/	18.72	/	20.00
		1	99	/	18.66	/	20.00
		50	0	/	18.73	/	20.00
		50	25	/	18.79	/	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 422 of 748

256QAM	50	50	/	18.64	/	20.00
	100	0	/	18.66	/	20.00
	1	0	/	18.75	/	19.70
	1	50	/	18.32	/	19.70
	1	99	/	18.44	/	19.70
	50	0	/	18.40	/	19.70
	50	25	/	18.52	/	19.70
	50	50	/	18.37	/	19.70
	100	0	/	18.34	/	19.70

LTE Band 4 DSII/4/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	16.73	16.68	16.75	18.00	
		1	2	16.63	16.79	16.75	18.00	
		1	5	16.62	16.77	16.67	18.00	
		3	0	16.64	16.74	16.78	18.00	
		3	2	16.70	16.76	16.75	18.00	
		3	3	16.74	16.67	16.77	18.00	
	16QAM	6	0	16.80	16.72	16.85	18.00	
		1	0	16.76	16.69	16.83	18.00	
		1	2	16.71	16.81	16.85	18.00	
		1	5	16.76	16.71	16.68	18.00	
		3	0	16.75	16.78	16.68	18.00	
		3	2	16.71	16.78	16.71	18.00	
	64QAM	3	3	16.78	16.78	16.69	18.00	
		6	0	16.63	16.83	16.68	18.00	
		1	0	16.65	16.80	16.83	18.00	
		1	2	16.68	16.72	16.70	18.00	
		1	5	16.85	16.79	16.79	18.00	
		3	0	16.70	16.71	16.83	18.00	
	256QAM	3	2	16.83	16.73	16.77	18.00	
		3	3	16.78	16.81	16.80	18.00	
		6	0	16.71	16.77	16.82	18.00	
		1	0	16.73	16.76	16.69	18.00	
		1	2	16.54	16.44	16.52	18.00	
		1	5	16.37	16.43	16.36	18.00	
	3MHz	QPSK	3	0	16.48	16.45	16.41	18.00
			3	2	16.51	16.54	16.54	18.00
			3	3	16.36	16.35	16.38	18.00
			6	0	16.38	16.52	16.54	18.00
			1	0	16.87	16.72	16.67	18.00
			1	7	16.82	16.81	16.83	18.00
		16QAM	1	14	16.79	16.70	16.80	18.00
			8	0	16.81	16.84	16.82	18.00
			8	4	16.88	16.77	16.70	18.00
			8	7	16.62	16.87	16.77	18.00
			15	0	16.78	16.76	16.75	18.00
			1	0	16.88	16.72	16.77	18.00
64QAM	1	7	16.88	16.79	16.67	18.00		
	1	14	16.82	16.81	16.86	18.00		
	8	0	16.75	16.74	16.79	18.00		
	8	4	16.85	16.73	16.78	18.00		
	8	7	16.73	16.80	16.64	18.00		
	15	0	16.65	16.78	16.67	18.00		
	1	0	16.74	16.83	16.80	18.00		
	1	7	16.84	16.86	16.80	18.00		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 423 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19975	20175	20375			
5MHz	256QAM	1	14	16.80	16.67	16.80	18.00		
		8	0	16.74	16.67	16.81	18.00		
		8	4	16.73	16.82	16.66	18.00		
		8	7	16.82	16.70	16.70	18.00		
		15	0	16.70	16.75	16.75	18.00		
		1	0	16.79	16.80	16.83	18.00		
		1	7	16.42	16.47	16.53	18.00		
		1	14	16.34	16.52	16.39	18.00		
		8	0	16.37	16.36	16.40	18.00		
		8	4	16.53	16.62	16.51	18.00		
	8	7	16.33	16.39	16.32	18.00			
	15	0	16.47	16.43	16.51	18.00			
	5MHz	QPSK	1	0	16.84	16.83	16.73	18.00	
			1	13	16.73	16.65	16.85	18.00	
			1	24	16.81	16.81	16.81	18.00	
			12	0	16.73	16.72	16.79	18.00	
			12	6	16.64	16.83	16.73	18.00	
			12	13	16.80	16.71	16.85	18.00	
			25	0	16.73	16.78	16.81	18.00	
			1	0	16.68	16.82	16.77	18.00	
1			13	16.71	16.66	16.77	18.00		
1			24	16.80	16.81	16.65	18.00		
16QAM		12	0	16.76	16.78	16.74	18.00		
		12	6	16.72	16.76	16.84	18.00		
		12	13	16.74	16.69	16.67	18.00		
		25	0	16.76	16.85	16.81	18.00		
		1	0	16.75	16.73	16.77	18.00		
		1	13	16.64	16.73	16.74	18.00		
		1	24	16.81	16.69	16.75	18.00		
		12	0	16.63	16.69	16.70	18.00		
		12	6	16.75	16.66	16.80	18.00		
		12	13	16.76	16.74	16.80	18.00		
25		0	16.70	16.65	16.70	18.00			
256QAM		1	0	16.78	16.83	16.82	18.00		
		1	13	16.39	16.35	16.39	18.00		
		1	24	16.50	16.38	16.45	18.00		
		12	0	16.41	16.31	16.32	18.00		
		12	6	16.65	16.69	16.52	18.00		
		12	13	16.35	16.46	16.36	18.00		
		25	0	16.32	16.36	16.36	18.00		
		10MHz	QPSK	1	0	16.78	16.79	16.67	18.00
				1	25	16.73	16.73	16.80	18.00
	1			49	16.73	16.77	16.62	18.00	
25	0			16.72	16.85	16.83	18.00		
25	13			16.78	16.68	16.71	18.00		
25	25			16.86	16.83	16.67	18.00		
16QAM	50		0	16.79	16.69	16.72	18.00		
	1		0	16.81	16.77	16.79	18.00		
	1		25	16.76	16.71	16.71	18.00		
	1		49	16.68	16.73	16.77	18.00		
	25		0	16.81	16.72	16.66	18.00		
	25		13	16.75	16.85	16.77	18.00		
64QAM	25		25	16.68	16.74	16.77	18.00		
	50		0	16.70	16.76	16.66	18.00		
	1		0	16.78	16.82	16.81	18.00		
	1		25	16.78	16.75	16.69	18.00		
	1		49	16.74	16.71	16.73	18.00		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 424 of 748

	256QAM	25	0	16.71	16.78	16.80	18.00	
		25	13	16.65	16.85	16.70	18.00	
		25	25	16.71	16.79	16.82	18.00	
		50	0	16.87	16.81	16.71	18.00	
		1	0	16.82	16.69	16.72	18.00	
		1	25	16.41	16.50	16.49	18.00	
		1	49	16.51	16.34	16.45	18.00	
		25	0	16.51	16.40	16.34	18.00	
		25	13	16.58	16.61	16.51	18.00	
		25	25	16.40	16.35	16.39	18.00	
50	0	16.45	16.30	16.52	18.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	16.70	16.64	16.79	18.00	
		1	38	16.75	16.74	16.77	18.00	
		1	74	16.73	16.85	16.70	18.00	
		36	0	16.82	16.78	16.79	18.00	
		36	18	16.76	16.82	16.75	18.00	
		36	39	16.72	16.78	16.71	18.00	
	16QAM	75	0	16.75	16.84	16.68	18.00	
		1	0	16.73	16.71	16.80	18.00	
		1	38	16.68	16.72	16.71	18.00	
		1	74	16.85	16.72	16.69	18.00	
		36	0	16.77	16.66	16.81	18.00	
		36	18	16.73	16.71	16.69	18.00	
	64QAM	36	39	16.83	16.82	16.70	18.00	
		75	0	16.70	16.75	16.75	18.00	
		1	0	16.63	16.78	16.65	18.00	
		1	38	16.70	16.73	16.79	18.00	
		1	74	16.82	16.76	16.65	18.00	
		36	0	16.75	16.65	16.74	18.00	
	256QAM	36	18	16.71	16.66	16.85	18.00	
		36	39	16.77	16.71	16.85	18.00	
		75	0	16.80	16.74	16.76	18.00	
		1	0	16.72	16.76	16.69	18.00	
		1	38	16.46	16.57	16.48	18.00	
		1	74	16.54	16.44	16.43	18.00	
	20MHz	QPSK	36	0	16.48	16.35	16.44	18.00
			36	18	16.62	16.60	16.59	18.00
			36	39	16.26	16.41	16.28	18.00
			75	0	16.37	16.49	16.42	18.00
			1	0	/	16.62	/	18.00
			1	50	/	16.79	/	18.00
		16QAM	1	99	/	16.77	/	18.00
			50	0	/	16.78	/	18.00
			50	25	/	16.65	/	18.00
			50	50	/	16.62	/	18.00
			100	0	/	16.76	/	18.00
			1	0	/	16.77	/	18.00
64QAM	1	50	/	16.76	/	18.00		
	1	99	/	16.78	/	18.00		
	50	0	/	16.74	/	18.00		
	50	25	/	16.61	/	18.00		
	50	50	/	16.62	/	18.00		
	100	0	/	16.74	/	18.00		
	64QAM	1	0	/	16.79	/	18.00	
		1	50	/	16.72	/	18.00	
		1	99	/	16.66	/	18.00	
		50	0	/	16.73	/	18.00	



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256QAM	50	25	/	16.79	/	18.00
	50	50	/	16.64	/	18.00
	100	0	/	16.66	/	18.00
	1	0	/	16.75	/	18.00
	1	50	/	16.32	/	18.00
	1	99	/	16.44	/	18.00
	50	0	/	16.40	/	18.00
	50	25	/	16.52	/	18.00
	50	50	/	16.37	/	18.00
	100	0	/	16.34	/	18.00

LTE Band 66 DSI0				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.66	23.35	23.30	24.70	
		1	2	23.24	23.55	23.30	24.70	
		1	5	23.28	23.15	23.11	24.70	
		3	0	23.54	23.39	23.25	24.70	
		3	1	23.22	23.27	23.18	24.70	
		3	3	23.30	23.28	23.21	24.70	
	16QAM	6	0	22.26	22.13	22.28	23.70	
		1	0	22.20	22.24	22.23	23.70	
		1	2	22.32	22.51	22.34	23.70	
		1	5	22.01	22.12	22.30	23.70	
		3	0	22.17	22.48	22.59	23.70	
		3	1	22.18	22.06	22.23	23.70	
	64QAM	3	3	22.28	22.34	22.19	23.70	
		6	0	21.34	21.12	21.44	22.70	
		1	0	21.48	21.29	21.25	22.70	
		1	2	21.20	21.36	21.28	22.70	
		1	5	21.00	21.25	21.18	22.70	
		3	0	21.21	21.40	21.11	22.70	
	256QAM	3	1	21.22	21.25	21.49	22.70	
		3	3	21.12	21.24	21.16	22.70	
		6	0	20.39	20.46	20.36	21.70	
		1	0	18.29	18.44	18.13	19.70	
		1	2	18.35	18.13	18.42	19.70	
		1	5	18.38	18.49	18.39	19.70	
	3MHz	QPSK	3	0	18.33	18.02	18.15	19.70
			3	1	18.28	18.59	18.35	19.70
			3	3	18.11	18.38	18.48	19.70
			6	0	18.26	18.51	18.34	19.70
			1	0	23.64	23.32	23.39	24.70
			1	7	23.31	23.47	23.24	24.70
16QAM		1	14	23.20	23.11	23.21	24.70	
		8	0	22.51	22.32	22.34	23.70	
		8	4	22.21	22.30	22.28	23.70	
		8	7	22.27	22.27	22.31	23.70	
		15	0	22.33	22.23	22.26	23.70	
		1	0	22.30	22.29	22.33	23.70	
64QAM	1	7	22.31	22.43	22.26	23.70		
	1	14	22.10	22.11	22.37	23.70		
	8	0	21.14	21.50	21.52	22.70		
	8	4	21.03	21.04	21.28	22.70		
	8	7	21.37	21.43	21.19	22.70		
	15	0	21.40	21.08	21.45	22.70		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 426 of 748

	256QAM	1	7	21.16	21.36	21.24	22.70		
		1	14	21.08	21.19	21.13	22.70		
		8	0	20.30	20.44	20.09	21.70		
		8	4	20.23	20.32	20.58	21.70		
		8	7	20.19	20.23	20.04	21.70		
		15	0	20.38	20.51	20.30	21.70		
		1	0	18.19	18.51	18.14	19.70		
		1	7	18.42	18.18	18.37	19.70		
		1	14	18.41	18.52	18.43	19.70		
		8	0	18.40	18.11	18.15	19.70		
		8	4	18.20	18.63	18.35	19.70		
		8	7	18.12	18.34	18.40	19.70		
		15	0	18.30	18.53	18.31	19.70		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		5MHz	QPSK	1	0	23.54	23.33	23.37	24.70
1	13			23.34	23.37	23.25	24.70		
1	24			23.15	23.21	23.18	24.70		
12	0			22.42	22.35	22.31	23.70		
12	6			22.26	22.24	22.23	23.70		
12	13			22.23	22.26	22.22	23.70		
25	0			22.31	22.30	22.35	23.70		
16QAM	1		0	22.22	22.19	22.25	23.70		
	1		13	22.27	22.47	22.34	23.70		
	1		24	22.08	22.08	22.34	23.70		
	12		0	21.22	21.48	21.56	22.70		
	12		6	21.02	21.14	21.28	22.70		
	12		13	21.44	21.35	21.28	22.70		
	25		0	21.44	21.12	21.36	22.70		
64QAM	1		0	21.53	21.18	21.25	22.70		
	1		13	21.20	21.31	21.14	22.70		
	1		24	21.01	21.09	21.05	22.70		
	12		0	20.38	20.35	20.01	21.70		
	12		6	20.26	20.25	20.51	21.70		
	12		13	20.19	20.29	20.13	21.70		
	25		0	20.48	20.41	20.30	21.70		
256QAM	1		0	18.23	18.43	18.22	19.70		
	1		13	18.47	18.24	18.38	19.70		
	1		24	18.32	18.48	18.38	19.70		
	12		0	18.31	18.01	18.24	19.70		
	12		6	18.25	18.56	18.45	19.70		
	12		13	18.14	18.24	18.33	19.70		
	25		0	18.33	18.56	18.25	19.70		
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK		1	0	23.45	23.28	23.37	24.70	
			1	25	23.42	23.32	23.29	24.70	
			1	49	23.21	23.21	23.12	24.70	
			25	0	22.33	22.43	22.39	23.70	
			25	13	22.34	22.29	22.26	23.70	
			25	25	22.23	22.26	22.14	23.70	
			50	0	22.33	22.37	22.39	23.70	
	16QAM		1	0	22.13	22.27	22.28	23.70	
			1	25	22.26	22.48	22.43	23.70	
			1	49	22.15	22.14	22.24	23.70	
			25	0	21.31	21.53	21.49	22.70	
			25	13	21.11	21.10	21.29	22.70	
			25	25	21.44	21.30	21.33	22.70	
			50	0	21.35	21.18	21.26	22.70	
	64QAM		1	0	21.49	21.19	21.34	22.70	
			1	25	21.22	21.29	21.20	22.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 427 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	256QAM	1	49	21.00	21.14	21.08	22.70	
		25	0	20.31	20.34	20.11	21.70	
		25	13	20.35	20.28	20.48	21.70	
		25	25	20.29	20.28	20.10	21.70	
		50	0	20.44	20.37	20.33	21.70	
		1	0	18.32	18.45	18.28	19.70	
		1	25	18.37	18.28	18.40	19.70	
		1	49	18.38	18.39	18.35	19.70	
		25	0	18.32	18.11	18.21	19.70	
		25	13	18.34	18.49	18.43	19.70	
	25	25	18.24	18.21	18.38	19.70		
	50	0	18.37	18.50	18.31	19.70		
	15MHz	QPSK	1	0	23.36	23.25	23.27	24.70
			1	38	23.34	23.32	23.24	24.70
			1	74	23.12	23.16	23.15	24.70
			36	0	22.32	22.33	22.36	23.70
			36	18	22.29	22.19	22.17	23.70
			36	39	22.21	22.23	22.23	23.70
			75	0	22.38	22.27	22.31	23.70
			1	0	22.18	22.27	22.19	23.70
			1	38	22.35	22.43	22.33	23.70
			1	74	22.19	22.20	22.30	23.70
		16QAM	36	0	21.40	21.44	21.50	22.70
			36	18	21.18	21.19	21.23	22.70
			36	39	21.35	21.25	21.36	22.70
			75	0	21.27	21.17	21.18	22.70
			1	0	21.42	21.24	21.39	22.70
			1	38	21.24	21.20	21.26	22.70
1			74	21.18	21.14	21.02	22.70	
36			0	20.26	20.36	20.20	21.70	
64QAM		36	18	20.34	20.33	20.39	21.70	
		36	39	20.24	20.21	20.19	21.70	
		75	0	20.46	20.40	20.42	21.70	
		1	0	18.24	18.35	18.19	19.70	
		1	38	18.35	18.35	18.33	19.70	
		1	74	18.37	18.41	18.26	19.70	
		36	0	18.34	18.19	18.27	19.70	
		36	18	18.41	18.50	18.41	19.70	
256QAM		36	39	18.19	18.18	18.34	19.70	
		75	0	18.40	18.41	18.38	19.70	
	1	0	23.36	23.35	23.31	24.70		
	1	50	23.27	23.25	23.28	24.70		
	1	99	23.19	23.15	23.16	24.70		
	50	0	22.34	22.27	22.27	23.70		
	50	25	22.19	22.19	22.15	23.70		
	50	50	22.28	22.29	22.29	23.70		
20MHz	QPSK	100	0	22.40	22.33	22.33	23.70	
		1	0	22.18	22.17	22.21	23.70	
		1	50	22.39	22.38	22.40	23.70	
		1	99	22.26	22.26	22.28	23.70	
		50	0	21.35	21.36	21.40	22.70	
		50	25	21.25	21.27	21.25	22.70	
	16QAM	50	50	21.30	21.26	21.34	22.70	
		100	0	21.19	21.21	21.20	22.70	
		1	0	21.33	21.33	21.35	22.70	
		1	50	21.18	21.14	21.18	22.70	
		1	99	21.07	21.10	21.11	22.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 428 of 748

256QAM	50	0	20.28	20.30	20.29	21.70
	50	25	20.34	20.37	20.35	21.70
	50	50	20.27	20.22	20.20	21.70
	100	0	20.39	20.46	20.40	21.70
	1	0	18.29	18.30	18.26	19.70
	1	50	18.38	18.32	18.39	19.70
	1	99	18.34	18.34	18.35	19.70
	50	0	18.33	18.29	18.29	19.70
	50	25	18.48	18.44	18.43	19.70
	50	50	18.23	18.24	18.26	19.70
100	0	18.36	18.37	18.34	19.70	

LTE Band 66 DSI1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.14	19.14	19.18	20.50	
		1	2	19.07	19.08	19.05	20.50	
		1	5	19.07	19.20	19.12	20.50	
		3	0	19.10	19.10	19.14	20.50	
		3	1	19.17	19.18	19.20	20.50	
		3	3	19.13	19.16	19.02	20.50	
	16QAM	6	0	19.12	19.22	19.11	20.50	
		1	0	19.25	19.22	19.05	20.50	
		1	2	19.21	19.14	19.11	20.50	
		1	5	19.19	19.19	19.07	20.50	
		3	0	19.07	19.08	19.10	20.50	
		3	1	19.08	19.24	19.17	20.50	
	64QAM	3	3	19.24	19.18	19.10	20.50	
		6	0	19.15	19.08	19.02	20.50	
		1	0	19.15	19.09	19.06	20.50	
		1	2	19.22	19.16	19.06	20.50	
		1	5	19.09	19.07	19.03	20.50	
		3	0	19.08	19.09	19.15	20.50	
	256QAM	3	1	19.21	19.19	19.03	20.50	
		3	3	19.07	19.14	19.05	20.50	
		6	0	19.16	19.08	19.07	20.50	
		1	0	18.27	18.24	18.19	19.70	
		1	2	18.43	18.26	18.33	19.70	
		1	5	18.25	18.34	18.37	19.70	
	3MHz	QPSK	3	0	18.40	18.37	18.28	19.70
			3	1	18.56	18.36	18.48	19.70
			3	3	18.31	18.17	18.31	19.70
			6	0	18.43	18.45	18.26	19.70
			1	0	19.24	19.12	19.05	20.50
			1	7	19.12	19.24	19.04	20.50
16QAM		1	14	19.08	19.17	19.12	20.50	
		8	0	19.10	19.24	19.10	20.50	
		8	4	19.20	19.20	19.03	20.50	
		8	7	19.13	19.11	19.19	20.50	
		15	0	19.17	19.09	19.10	20.50	
		1	0	19.10	19.13	19.04	20.50	
16QAM	1	7	19.25	19.09	19.04	20.50		
	1	14	19.08	19.12	19.20	20.50		
	8	0	19.22	19.09	19.08	20.50		
	8	4	19.17	19.19	19.02	20.50		
	8	7	19.17	19.23	19.04	20.50		
	15	0	19.13	19.15	19.19	20.50		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 429 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				131997	132322	132647			
5MHz	64QAM	1	0	19.23	19.20	19.05	20.50		
		1	7	19.14	19.22	19.03	20.50		
		1	14	19.17	19.20	19.20	20.50		
		8	0	19.07	19.23	19.10	20.50		
		8	4	19.07	19.20	19.13	20.50		
		8	7	19.18	19.09	19.12	20.50		
	256QAM	15	0	19.15	19.08	19.20	20.50		
		1	0	18.37	18.38	18.29	19.70		
		1	7	18.45	18.36	18.33	19.70		
		1	14	18.36	18.27	18.30	19.70		
		8	0	18.36	18.22	18.28	19.70		
		8	4	18.51	18.36	18.39	19.70		
	10MHz	QPSK	8	7	18.25	18.21	18.17	19.70	
			15	0	18.31	18.45	18.26	19.70	
			16QAM	1	0	19.08	19.23	19.19	20.50
				1	13	19.08	19.15	19.16	20.50
				1	24	19.11	19.07	19.09	20.50
				12	0	19.12	19.16	19.15	20.50
		12		6	19.09	19.06	19.03	20.50	
		12		13	19.10	19.13	19.17	20.50	
64QAM		25	0	19.07	19.23	19.15	20.50		
		1	0	19.15	19.18	19.18	20.50		
		1	13	19.11	19.22	19.09	20.50		
		1	24	19.16	19.15	19.03	20.50		
		12	0	19.12	19.06	19.10	20.50		
		12	6	19.22	19.17	19.02	20.50		
256QAM		12	13	19.14	19.07	19.08	20.50		
		25	0	19.22	19.09	19.04	20.50		
		1	0	19.21	19.13	19.10	20.50		
		1	13	19.09	19.13	19.05	20.50		
		1	24	19.22	19.13	19.12	20.50		
		12	0	19.25	19.21	19.19	20.50		
10MHz	QPSK	12	6	19.08	19.21	19.05	20.50		
		12	13	19.12	19.14	19.08	20.50		
		25	0	19.24	19.22	19.05	20.50		
		1	0	18.36	18.36	18.17	19.70		
		1	13	18.33	18.41	18.46	19.70		
		1	24	18.27	18.32	18.42	19.70		
	16QAM	12	0	18.42	18.31	18.25	19.70		
		12	6	18.41	18.45	18.47	19.70		
		12	13	18.29	18.17	18.30	19.70		
		25	0	18.36	18.28	18.40	19.70		
		1	0	19.22	19.22	19.04	20.50		
		1	25	19.24	19.19	19.08	20.50		
	64QAM	1	49	19.16	19.17	19.06	20.50		
		25	0	19.11	19.06	19.11	20.50		
25		13	19.23	19.21	19.16	20.50			
25		25	19.25	19.22	19.08	20.50			
50		0	19.22	19.06	19.02	20.50			
1		0	19.19	19.20	19.06	20.50			
16QAM	1	25	19.13	19.23	19.17	20.50			
	1	49	19.13	19.22	19.02	20.50			
	25	0	19.19	19.23	19.04	20.50			
	25	13	19.22	19.11	19.12	20.50			
	25	25	19.23	19.07	19.08	20.50			
	50	0	19.24	19.14	19.09	20.50			
64QAM	1	0	19.13	19.14	19.06	20.50			



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 430 of 748

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
15MHz	256QAM	1	25	19.25	19.10	19.13	20.50		
		1	49	19.14	19.21	19.13	20.50		
		25	0	19.09	19.11	19.11	20.50		
		25	13	19.10	19.19	19.13	20.50		
		25	25	19.14	19.12	19.05	20.50		
		50	0	19.23	19.17	19.17	20.50		
		1	0	18.34	18.39	18.26	19.70		
		1	25	18.40	18.29	18.41	19.70		
		1	49	18.39	18.32	18.43	19.70		
		25	0	18.38	18.28	18.27	19.70		
	25	13	18.40	18.45	18.42	19.70			
	25	25	18.31	18.22	18.27	19.70			
	50	0	18.31	18.42	18.32	19.70			
	15MHz	QPSK	1	0	19.23	19.19	19.14	20.50	
			1	38	19.23	19.23	19.20	20.50	
			1	74	19.21	19.19	19.05	20.50	
			36	0	19.21	19.14	19.11	20.50	
			36	18	19.11	19.21	19.17	20.50	
			36	39	19.11	19.23	19.08	20.50	
			75	0	19.19	19.11	19.15	20.50	
			1	0	19.21	19.14	19.13	20.50	
			1	38	19.12	19.23	19.10	20.50	
			1	74	19.15	19.15	19.10	20.50	
		16QAM	36	0	19.25	19.08	19.05	20.50	
			36	18	19.07	19.19	19.12	20.50	
			36	39	19.24	19.13	19.10	20.50	
			75	0	19.25	19.18	19.02	20.50	
			1	0	19.17	19.20	19.02	20.50	
			1	38	19.07	19.18	19.11	20.50	
			1	74	19.12	19.24	19.04	20.50	
36			0	19.19	19.21	19.05	20.50		
36			18	19.10	19.08	19.03	20.50		
36			39	19.07	19.12	19.16	20.50		
256QAM		75	0	19.09	19.10	19.09	20.50		
		1	0	18.35	18.22	18.17	19.70		
		1	38	18.44	18.23	18.36	19.70		
		1	74	18.28	18.35	18.29	19.70		
		36	0	18.27	18.20	18.29	19.70		
		36	18	18.42	18.49	18.48	19.70		
		36	39	18.27	18.16	18.26	19.70		
		75	0	18.39	18.37	18.38	19.70		
		20MHz	QPSK	1	0	19.21	19.09	19.06	20.50
				1	50	19.14	19.19	19.18	20.50
1	99			19.18	19.22	19.08	20.50		
50	0			19.07	19.16	19.11	20.50		
50	25			19.19	19.16	19.04	20.50		
50	50			19.13	19.10	19.03	20.50		
100	0			19.11	19.09	19.11	20.50		
1	0			19.22	19.08	19.17	20.50		
1	50			19.20	19.13	19.18	20.50		
1	99			19.07	19.23	19.09	20.50		
16QAM	50		0	19.10	19.23	19.18	20.50		
	50		25	19.20	19.23	19.11	20.50		
	50		50	19.13	19.16	19.15	20.50		
	100		0	19.18	19.24	19.06	20.50		
	1		0	19.24	19.14	19.06	20.50		
	1		50	19.08	19.13	19.07	20.50		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 431 of 748

		1	99	19.15	19.06	19.14	20.50
		50	0	19.08	19.23	19.02	20.50
		50	25	19.16	19.10	19.16	20.50
		50	50	19.13	19.11	19.17	20.50
		100	0	19.21	19.19	19.10	20.50
	256QAM	1	0	18.22	18.39	18.19	19.70
		1	50	18.40	18.26	18.41	19.70
		1	99	18.43	18.34	18.30	19.70
		50	0	18.39	18.37	18.32	19.70
		50	25	18.46	18.35	18.52	19.70
		50	50	18.32	18.18	18.27	19.70
		100	0	18.36	18.40	18.33	19.70

LTE Band 66 DSI1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	16.67	16.69	16.70	18.00	
		1	2	16.61	16.60	16.58	18.00	
		1	5	16.66	16.72	16.71	18.00	
		3	0	16.68	16.67	16.66	18.00	
		3	1	16.70	16.69	16.78	18.00	
		3	3	16.67	16.67	16.61	18.00	
	16QAM	6	0	16.68	16.74	16.65	18.00	
		1	0	16.76	16.76	16.56	18.00	
		1	2	16.75	16.72	16.64	18.00	
		1	5	16.71	16.70	16.58	18.00	
		3	0	16.63	16.61	16.68	18.00	
		3	1	16.60	16.79	16.75	18.00	
	64QAM	3	3	16.78	16.71	16.62	18.00	
		6	0	16.66	16.60	16.56	18.00	
		1	0	16.66	16.62	16.62	18.00	
		1	2	16.80	16.70	16.61	18.00	
		1	5	16.61	16.59	16.62	18.00	
		3	0	16.61	16.63	16.66	18.00	
	256QAM	3	1	16.79	16.76	16.54	18.00	
		3	3	16.66	16.73	16.64	18.00	
		6	0	16.71	16.61	16.59	18.00	
		1	0	16.62	16.66	16.60	18.00	
		1	2	16.62	16.73	16.59	18.00	
		1	5	16.60	16.73	16.59	18.00	
	3MHz	QPSK	3	0	16.58	16.68	16.58	18.00
			3	1	16.58	16.73	16.59	18.00
			3	3	16.66	16.65	16.61	18.00
			6	0	16.62	16.67	16.61	18.00
			1	0	16.81	16.69	16.59	18.00
			1	7	16.63	16.77	16.58	18.00
16QAM		1	14	16.64	16.71	16.66	18.00	
		8	0	16.62	16.78	16.61	18.00	
		8	4	16.73	16.76	16.54	18.00	
		8	7	16.66	16.69	16.76	18.00	
		15	0	16.69	16.63	16.68	18.00	
		1	0	16.62	16.71	16.59	18.00	
	16QAM	1	7	16.79	16.61	16.55	18.00	
		1	14	16.59	16.64	16.74	18.00	
		8	0	16.80	16.64	16.61	18.00	
		8	4	16.71	16.70	16.59	18.00	
		8	7	16.74	16.78	16.55	18.00	
		8	7	16.74	16.78	16.55	18.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400155410

Page: 432 of 748

	64QAM	15	0	16.69	16.66	16.77	18.00
		1	0	16.82	16.73	16.59	18.00
		1	7	16.73	16.78	16.57	18.00
		1	14	16.73	16.73	16.76	18.00
		8	0	16.60	16.82	16.68	18.00
		8	4	16.60	16.79	16.72	18.00
		8	7	16.72	16.61	16.65	18.00
	256QAM	15	0	16.69	16.64	16.71	18.00
		1	0	16.66	16.63	16.72	18.00
		1	7	16.73	16.62	16.77	18.00
		1	14	16.70	16.59	16.77	18.00
		8	0	16.66	16.62	16.72	18.00
		8	4	16.66	16.60	16.76	18.00
		8	7	16.69	16.67	16.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.61	16.82	16.70	18.00
		1	13	16.66	16.72	16.71	18.00
		1	24	16.69	16.58	16.60	18.00
		12	0	16.64	16.73	16.69	18.00
		12	6	16.67	16.61	16.56	18.00
		12	13	16.64	16.65	16.70	18.00
		25	0	16.63	16.79	16.68	18.00
	16QAM	1	0	16.72	16.72	16.77	18.00
		1	13	16.70	16.73	16.66	18.00
		1	24	16.72	16.74	16.61	18.00
		12	0	16.69	16.65	16.62	18.00
		12	6	16.81	16.76	16.53	18.00
		12	13	16.72	16.63	16.66	18.00
		25	0	16.75	16.67	16.62	18.00
	64QAM	1	0	16.75	16.65	16.69	18.00
		1	13	16.68	16.67	16.61	18.00
		1	24	16.78	16.68	16.67	18.00
		12	0	16.78	16.74	16.75	18.00
		12	6	16.64	16.77	16.60	18.00
		12	13	16.71	16.72	16.65	18.00
		25	0	16.80	16.75	16.61	18.00
	256QAM	1	0	16.76	16.75	16.58	18.00
		1	13	16.81	16.81	16.56	18.00
		1	24	16.81	16.76	16.62	18.00
		12	0	16.77	16.77	16.57	18.00
		12	6	16.81	16.78	16.63	18.00
		12	13	16.83	16.77	16.60	18.00
		25	0	16.80	16.73	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	16.79	16.78	16.63	18.00
		1	25	16.76	16.72	16.64	18.00
		1	49	16.74	16.71	16.62	18.00
		25	0	16.63	16.62	16.67	18.00
		25	13	16.76	16.78	16.75	18.00
		25	25	16.77	16.76	16.61	18.00
		50	0	16.79	16.59	16.58	18.00
	16QAM	1	0	16.77	16.71	16.64	18.00
		1	25	16.65	16.77	16.75	18.00
		1	49	16.71	16.74	16.58	18.00
		25	0	16.77	16.81	16.55	18.00
		25	13	16.73	16.63	16.69	18.00
		25	25	16.81	16.61	16.62	18.00
		50	0	16.81	16.73	16.64	18.00



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