

N77 PC3 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.82	23.56	23.86	23.56	23.80	23.65	24.50
		1	137	23.72	23.66	23.61	23.81	23.79	23.53	24.50
		1	271	23.61	23.65	23.66	23.68	23.74	23.44	24.50
		135	0	22.97	22.98	22.77	23.14	22.93	22.96	24.00
		135	69	23.81	24.05	23.81	23.84	24.05	23.74	24.50
		135	138	22.69	22.80	22.86	22.69	22.75	22.99	24.00
		270	0	22.63	22.83	22.81	22.75	22.81	22.83	24.00
	DFT-s-OFDM QPSK	1	1	23.72	23.59	23.82	23.70	23.67	23.76	24.50
		1	137	23.67	23.66	23.58	23.66	23.73	23.58	24.50
		1	271	23.66	23.78	23.68	23.56	23.70	23.58	24.50
		135	0	22.89	22.99	22.75	23.01	22.97	23.00	23.50
		135	69	23.79	23.93	23.94	23.94	23.92	23.88	24.50
		135	138	22.79	22.88	22.91	22.76	22.85	22.87	23.50
		270	0	22.68	22.81	22.81	22.77	22.68	22.73	23.50
	DFT-s-OFDM 16QAM	1	1	22.60	22.54	22.53	22.58	22.72	22.72	23.50
	DFT-s-OFDM 64QAM	1	1	20.71	20.64	20.72	20.61	20.86	20.60	22.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.52	19.62	19.49	19.47	19.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647666	651000	654334	657666	661000	664334	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	24.50

N77 PC3 DSI 2/3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.84	22.47	22.79	22.65	22.84	22.76	23.50
		1	137	22.78	22.69	22.49	22.83	22.78	22.66	23.50
		1	271	22.46	22.72	22.68	22.63	22.86	22.50	23.50
		135	0	22.03	21.88	21.78	22.09	21.81	21.92	23.00
		135	69	22.94	22.94	22.85	22.76	23.15	22.71	23.50
		135	138	21.64	21.68	21.97	21.76	21.70	22.14	23.00
		270	0	21.56	21.83	21.85	21.89	21.72	21.87	23.00
	DFT-s-OFDM QPSK	1	1	22.60	22.57	22.94	22.68	22.60	22.88	23.50
		1	137	22.80	22.81	22.71	22.55	22.86	22.73	23.50
		1	271	22.79	22.87	22.79	22.52	22.68	22.54	23.50
		135	0	21.87	22.13	21.63	22.05	21.88	21.95	22.50
		135	69	22.78	23.06	23.06	23.00	22.80	22.85	23.50
		135	138	21.64	21.79	21.94	21.84	21.96	21.91	22.50
		270	0	21.76	21.96	21.81	21.66	21.71	21.62	22.50
	DFT-s-OFDM 16QAM	1	1	21.68	21.66	21.47	21.72	21.72	21.57	22.50
	DFT-s-OFDM 64QAM	1	1	19.82	19.71	19.68	19.75	19.93	19.49	21.00
	DFT-s-OFDM 256QAM	1	1	18.46	18.53	18.48	18.37	18.45	18.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	21.19	21.40	21.22	21.41	21.26	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.80	22.82	22.62	22.51	22.87	22.47	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.63	22.55	22.80	22.83	22.72	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.77	22.65	22.68	22.82	22.69	22.50	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	22.66	22.59	22.68	22.62	22.61	22.80	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.69	22.58	22.60	22.72	22.54	22.49	23.50

N77 PC3 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.37	20.04	20.43	20.15	20.19	20.38	21.00
		1	137	20.35	20.13	19.88	20.21	20.26	20.24	21.00
		1	271	19.96	20.26	20.32	20.27	20.37	20.13	21.00
		135	0	19.67	19.46	19.32	19.50	19.42	19.57	20.50
		135	69	20.49	20.33	20.41	20.19	20.62	20.12	21.00
		135	138	19.01	19.12	19.61	19.21	19.05	19.75	20.50
		270	0	18.98	19.35	19.42	19.33	19.14	19.52	20.50
	DFT-s-OFDM QPSK	1	1	20.15	19.95	20.39	20.14	19.98	20.33	21.00
		1	137	20.30	20.24	20.15	20.00	20.46	20.22	21.00
		1	271	20.25	20.50	20.21	19.95	20.09	20.08	21.00
		135	0	19.36	19.78	19.07	19.58	19.29	19.31	20.00
		135	69	20.39	20.62	20.66	20.42	20.41	20.32	21.00
		135	138	19.11	19.27	19.29	19.27	19.61	19.42	20.00
		270	0	19.26	19.42	19.16	19.30	19.33	19.06	20.00
	DFT-s-OFDM 16QAM	1	1	19.05	19.28	18.86	19.08	19.12	18.98	20.00
	DFT-s-OFDM 64QAM	1	1	17.24	17.08	17.09	17.23	17.40	16.90	18.50
	DFT-s-OFDM 256QAM	1	1	15.89	16.08	15.90	15.83	15.88	16.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	18.77	18.81	18.84	18.87	18.77	18.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.24	20.42	20.06	20.05	20.22	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.26	19.99	20.28	20.30	20.15	20.34	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.15	20.08	20.22	20.47	20.21	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	20.15	20.21	20.09	20.03	20.25	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.31	19.94	20.23	20.28	20.18	20.09	21.00

N77 PC3 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.06	19.55	19.30	19.26	19.34	20.00
		1	137	19.58	19.17	18.99	19.33	19.26	19.41	20.00
		1	271	18.94	19.22	19.29	19.24	19.34	19.30	20.00
		135	0	18.82	18.69	18.43	18.46	18.38	18.80	19.50
		135	69	19.71	19.29	19.34	19.21	19.69	19.23	20.00
		135	138	18.19	18.09	18.54	18.25	18.01	18.78	19.50
		270	0	17.92	18.48	18.45	18.33	18.32	18.65	19.50
	DFT-s-OFDM QPSK	1	1	19.24	19.17	19.45	19.13	19.19	19.53	20.00
		1	137	19.39	19.24	19.10	19.16	19.50	19.37	20.00
		1	271	19.48	19.68	19.28	19.16	19.15	19.01	20.00
		135	0	18.34	18.99	18.01	18.76	18.29	18.53	19.00
		135	69	19.42	19.55	19.72	19.61	19.61	19.42	20.00
		135	138	18.13	18.34	18.36	18.22	18.54	18.57	19.00
		270	0	18.21	18.46	18.09	18.33	18.43	18.18	19.00
	DFT-s-OFDM 16QAM	1	1	18.08	18.23	18.09	18.30	18.26	18.09	19.00
	DFT-s-OFDM 64QAM	1	1	16.23	16.31	16.13	16.22	16.61	16.02	17.50
	DFT-s-OFDM 256QAM	1	1	14.87	15.05	15.03	15.00	14.91	15.19	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	17.76	17.89	17.84	17.80	17.85	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.41	19.38	19.00	19.12	19.29	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.38	19.02	19.21	19.48	19.11	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.20	19.13	19.18	19.56	19.31	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.23	19.34	19.04	19.18	19.31	19.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.32	18.96	19.22	19.23	19.20	19.24	20.00

N77 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.94	/	24.00
		1	137	/	23.07	/	24.00
		1	271	/	23.07	/	24.00
		135	0	/	19.53	/	20.50
		135	69	/	22.86	/	24.00
		135	138	/	19.77	/	20.50
		270	0	/	22.66	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.03	/	24.00
		1	137	/	23.06	/	24.00
		1	271	/	23.12	/	24.00
		135	0	/	19.63	/	20.50
		135	69	/	22.93	/	24.00
		135	138	/	19.83	/	20.50
		270	0	/	22.13	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.19	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.32	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.28	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.83	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.29	23.16	23.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.11	23.28	23.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.08	23.58	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.39	23.48	23.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.20	23.27	23.19	24.00

N77 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.48	/	23.50
		1	137	/	22.67	/	23.50
		1	271	/	22.59	/	23.50
		135	0	/	18.95	/	20.00
		135	69	/	22.34	/	23.50
		135	138	/	19.22	/	20.00
		270	0	/	22.24	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.48	/	23.50
		1	137	/	22.51	/	23.50
		1	271	/	22.65	/	23.50
		135	0	/	19.08	/	20.00
		135	69	/	22.52	/	23.50
		135	138	/	19.34	/	20.00
		270	0	/	21.57	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.61	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.72	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.77	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.24	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.72	22.54	23.03	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.55	22.78	22.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.49	22.97	22.79	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.86	22.93	22.70	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.73	22.88	22.81	23.50

N77 PC2 DSI 4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.56	/	20.50
		1	137	/	19.58	/	20.50
		1	271	/	19.64	/	20.50
		135	0	/	15.88	/	17.00
		135	69	/	19.44	/	20.50
		135	138	/	16.19	/	17.00
		270	0	/	19.22	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.54	/	20.50
		1	137	/	19.54	/	20.50
		1	271	/	19.72	/	20.50
		135	0	/	15.98	/	17.00
		135	69	/	19.43	/	20.50
		135	138	/	16.28	/	17.00
		270	0	/	18.52	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.61	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	16.72	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	14.77	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.30	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.57	19.58	20.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.40	19.67	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.56	19.87	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.74	19.84	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.78	19.86	19.84	20.50

N77 PC2 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.53	23.64	23.66	23.59	23.74	23.63	24.50
		1	137	23.76	23.04	23.45	23.35	23.49	23.38	24.50
		1	271	23.61	23.70	24.00	24.10	23.97	23.98	24.50
		135	0	20.25	20.74	20.39	20.38	20.43	20.35	21.00
		135	69	23.66	23.27	23.55	23.60	23.45	23.47	24.50
		135	138	20.29	20.19	20.41	20.39	20.39	20.45	21.00
		270	0	23.25	22.71	23.36	23.38	23.32	23.41	24.00
	DFT-s-OFDM QPSK	1	1	23.54	23.59	23.63	23.58	23.60	23.69	24.50
		1	137	23.79	23.03	23.51	23.56	23.49	23.46	24.50
		1	271	23.89	23.66	23.94	23.98	23.95	24.00	24.50
		135	0	20.25	20.41	20.34	20.24	20.25	20.30	21.00
		135	69	23.92	23.47	23.84	23.76	23.76	23.84	24.50
		135	138	20.26	20.17	20.27	20.36	20.25	20.37	21.00
		270	0	22.76	22.20	22.89	22.79	22.97	22.92	23.50
	DFT-s-OFDM 16QAM	1	1	22.33	22.76	22.99	23.04	23.05	22.96	23.50
	DFT-s-OFDM 64QAM	1	1	20.55	20.38	20.88	20.82	20.84	20.96	22.00
	DFT-s-OFDM 256QAM	1	1	19.41	19.34	19.80	19.89	19.78	19.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	22.12	21.21	21.74	21.64	21.76	21.71	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.50	23.61	23.70	23.62	23.78	23.80	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.49	23.51	23.58	23.63	23.52	23.59	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.53	23.61	23.54	23.50	23.52	23.61	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	23.47	23.64	23.58	23.57	23.61	23.51	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	23.59	23.61	23.71	23.61	23.73	23.77	24.50
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N77 PC2 DSI 2/3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.54	22.81	22.79	22.87	22.68	23.50
		1	137	22.79	22.17	22.63	22.40	22.45	22.51	23.50
		1	271	22.74	22.86	22.93	23.27	22.93	22.92	23.50
		135	0	19.29	19.92	19.48	19.39	19.55	19.43	20.00
		135	69	22.56	22.25	22.46	22.69	22.55	22.47	23.50
		135	138	19.36	19.24	19.33	19.53	19.53	19.37	20.00
		270	0	22.37	21.68	22.30	22.41	22.40	22.32	23.00
	DFT-s-OFDM QPSK	1	1	22.57	22.62	22.78	22.63	22.57	22.68	23.50
		1	137	22.77	22.08	22.68	22.51	22.61	22.37	23.50
		1	271	22.82	22.56	23.14	22.99	22.88	23.04	23.50
		135	0	19.31	19.50	19.51	19.29	19.28	19.47	20.00
		135	69	22.56	22.27	22.64	22.53	22.53	22.58	23.50
		135	138	19.36	19.37	19.29	19.44	19.25	19.35	20.00
		270	0	21.76	21.20	22.08	21.97	21.99	22.00	22.50
	DFT-s-OFDM 16QAM	1	1	21.52	21.67	22.03	22.01	22.09	22.01	22.50
	DFT-s-OFDM 64QAM	1	1	19.54	19.48	19.78	19.84	19.79	19.98	21.00
	DFT-s-OFDM 256QAM	1	1	18.52	18.43	18.81	18.94	18.85	18.67	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	21.03	20.38	20.84	20.65	20.74	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649333.06	651999.14	654667.15	657333.04	659999.2	662665.1	
80MHz	DFT-s-OFDM QPSK	1	1	22.66	22.56	22.77	22.78	22.68	22.96	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648667.06	651599.13	654533.04	657467.02	660399.01	663331.15	
60MHz	DFT-s-OFDM QPSK	1	1	22.40	22.60	22.51	22.80	22.46	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647999.19	651199.03	654398.93	657598.92	660799.1	663998.92	
40MHz	DFT-s-OFDM QPSK	1	1	22.46	22.75	22.50	22.50	22.58	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647664.91	650999.1	654332.93	657664.96	660998.98	664333.03	
30MHz	DFT-s-OFDM QPSK	1	1	22.55	22.80	22.74	22.49	22.79	22.52	23.50
				Channel	Channel	Channel	Channel	Channel	Channel	



Bandwidth	Modulation	RB size	RB offset	647332.9	650799.02	654266.97	657732.91	661199.05	664665.07	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.79	22.71	22.88	22.69	22.89	22.91	23.50

N77 PC2 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.98	20.11	20.39	20.23	20.31	20.32	21.00
		1	137	20.18	19.57	20.14	19.76	19.97	19.95	21.00
		1	271	20.33	20.38	20.45	20.63	20.29	20.39	21.00
		135	0	16.77	17.43	17.12	16.91	17.05	16.98	17.50
		135	69	20.08	19.70	20.06	20.04	19.92	20.07	21.00
		135	138	16.71	16.78	16.94	16.96	17.09	16.83	17.50
		270	0	19.96	19.30	19.70	20.00	19.95	19.70	20.50
	DFT-s-OFDM QPSK	1	1	20.10	20.15	20.36	20.23	20.13	20.05	21.00
		1	137	20.37	19.70	20.03	19.94	20.21	19.78	21.00
		1	271	20.33	19.95	20.56	20.37	20.38	20.57	21.00
		135	0	16.83	17.08	17.12	16.65	16.84	17.03	17.50
		135	69	20.40	19.93	20.19	20.12	20.23	20.17	21.00
		135	138	16.75	16.84	16.85	16.82	16.75	16.84	17.50
		270	0	19.36	18.75	19.66	19.47	19.35	19.61	20.00
	DFT-s-OFDM 16QAM	1	1	18.99	19.10	19.68	19.62	19.64	19.37	20.00
	DFT-s-OFDM 64QAM	1	1	17.06	16.95	17.31	17.39	17.16	17.50	18.50
	DFT-s-OFDM 256QAM	1	1	15.99	16.07	16.39	16.36	16.33	16.12	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649996.46	652396.55	654796.66	657196.55	659596.46	661996.62	
100MHz	CP-OFDM QPSK	1	1	18.58	17.78	18.43	18.06	18.31	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649330.45	651996.57	654664.54	657330.58	659996.6	662662.46	
80MHz	DFT-s-OFDM QPSK	1	1	20.06	20.04	20.36	20.32	20.12	20.57	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648664.5	651596.49	654530.64	657464.43	660396.42	663328.54	
60MHz	DFT-s-OFDM QPSK	1	1	19.88	20.14	19.92	20.29	19.83	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647996.69	651196.46	654396.31	657596.41	660796.75	663996.56	
40MHz	DFT-s-OFDM QPSK	1	1	19.89	20.28	19.91	20.01	20.02	20.16	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647662.55	650996.47	654330.3	657662.5	660996.59	664330.45	
30MHz	DFT-s-OFDM QPSK	1	1	20.05	20.15	20.09	20.14	20.14	20.17	21.00
				Channel	Channel	Channel	Channel	Channel	Channel	



Bandwidth	Modulation	RB size	RB offset	647330.38	650796.4	654264.36	657730.55	661196.59	664662.43	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.22	20.09	20.46	20.28	20.47	20.29	21.00

N77 PC2 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.96	19.03	19.27	19.11	19.22	19.34	20.00
		1	137	19.07	18.69	19.24	18.88	18.99	19.10	20.00
		1	271	19.38	19.46	19.50	19.60	19.29	19.42	20.00
		135	0	15.78	16.29	16.25	15.82	15.94	16.02	16.50
		135	69	19.17	18.62	18.96	19.03	18.85	19.01	20.00
		135	138	15.64	15.66	15.89	16.09	16.11	15.74	16.50
		270	0	19.07	18.40	18.72	19.06	18.96	18.77	19.50
	DFT-s-OFDM QPSK	1	1	18.97	19.23	19.35	19.21	19.09	19.03	20.00
		1	137	19.23	18.65	19.18	18.97	19.13	18.80	20.00
		1	271	19.24	18.84	19.47	19.48	19.49	19.44	20.00
		135	0	15.72	16.22	16.18	15.55	15.93	16.18	16.50
		135	69	19.17	18.59	18.94	19.03	19.13	18.97	20.00
		135	138	15.80	15.75	15.95	15.77	15.77	15.91	16.50
		270	0	18.38	17.74	18.74	18.47	18.31	18.48	19.00
	DFT-s-OFDM 16QAM	1	1	17.86	18.11	18.64	18.73	18.53	18.30	19.00
	DFT-s-OFDM 64QAM	1	1	16.03	15.89	16.17	16.36	16.23	16.39	17.50
	DFT-s-OFDM 256QAM	1	1	15.08	15.13	15.38	15.40	15.39	15.26	15.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649995.48	652395.48	654795.65	657195.42	659595.37	661995.71	
100MHz	CP-OFDM QPSK	1	1	17.65	16.65	17.52	17.21	17.26	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649329.6	651995.59	654663.6	657329.57	659995.53	662661.46	
80MHz	DFT-s-OFDM QPSK	1	1	19.02	18.96	19.36	19.32	19.25	19.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648663.5	651595.51	654529.62	657463.39	660395.35	663327.61	
60MHz	DFT-s-OFDM QPSK	1	1	18.93	19.23	18.80	19.44	18.85	19.09	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647995.82	651195.6	654395.45	657595.49	660795.79	663995.61	
40MHz	DFT-s-OFDM QPSK	1	1	18.74	19.37	19.05	19.05	19.02	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647661.67	650995.32	654329.19	657661.49	660995.49	664329.57	
30MHz	DFT-s-OFDM QPSK	1	1	19.01	19.09	19.16	19.28	19.24	19.09	20.00
				Channel	Channel	Channel	Channel	Channel	Channel	



Bandwidth	Modulation	RB size	RB offset	647329.41	650795.35	654263.33	657729.59	661195.47	664661.49	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.24	18.98	19.57	19.31	19.54	19.28	20.00

N78 PC3 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.30	/	23.50
		1	137	/	22.29	/	23.50
		1	271	/	22.63	/	23.50
		135	0	/	21.89	/	23.00
		135	69	/	22.53	/	23.50
		135	138	/	21.98	/	23.00
		270	0	/	22.10	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.49	/	23.50
		1	137	/	22.48	/	23.50
		1	271	/	22.29	/	23.50
		135	0	/	21.48	/	22.50
		135	69	/	22.25	/	23.50
		135	138	/	21.66	/	22.50
		270	0	/	21.40	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.36	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.01	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.07	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.03		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.33	22.38	22.32	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.48	22.57	22.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.11	22.47	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.24	22.40	22.11	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.14	22.51	22.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.25	22.52	22.23	23.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.51	22.32	22.16	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.16	22.63	22.06	23.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.94	/	20.00
		1	137	/	18.77	/	20.00
		1	271	/	19.09	/	20.00
		135	0	/	18.41	/	19.50
		135	69	/	19.02	/	20.00
		135	138	/	18.59	/	19.50
		270	0	/	18.48	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.11	/	20.00
		1	137	/	18.98	/	20.00
		1	271	/	18.69	/	20.00
		135	0	/	18.00	/	19.00
		135	69	/	18.61	/	20.00
		135	138	/	18.22	/	19.00
		270	0	/	17.97	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.97	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.48	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.59	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.44		18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.98	18.93	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.00	19.01	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.59	18.82	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.82	18.89	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.54	19.05	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.85	19.12	18.61	20.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.12	18.75	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.68	19.10	18.61	20.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.56	/	19.50
		1	137	/	18.14	/	19.50
		1	271	/	18.58	/	19.50
		135	0	/	17.94	/	19.00
		135	69	/	18.48	/	19.50
		135	138	/	18.07	/	19.00
		270	0	/	17.97	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.76	/	19.50
		1	137	/	18.62	/	19.50
		1	271	/	18.15	/	19.50
		135	0	/	17.42	/	18.50
		135	69	/	18.12	/	19.50
		135	138	/	17.57	/	18.50
		270	0	/	17.61	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.43	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.97	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	13.96	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.85		18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.56	18.44	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.57	18.44	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.98	18.33	18.68	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.39	18.38	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.14	18.59	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.22	18.73	18.14	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.51	18.31	17.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.24	18.51	18.14	19.50

N78 PC3 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.79	/	23.00
		1	137	/	22.12	/	23.00
		1	271	/	22.17	/	23.00
		135	0	/	21.70	/	22.50
		135	69	/	22.00	/	23.00
		135	138	/	21.74	/	22.50
		270	0	/	21.75	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.93	/	23.00
		1	137	/	22.19	/	23.00
		1	271	/	22.13	/	23.00
		135	0	/	21.25	/	22.00
		135	69	/	22.10	/	23.00
		135	138	/	21.24	/	22.00
		270	0	/	21.20	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.17	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.13	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	18.11	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	649999.1	/	
100MHz	CP-OFDM QPSK	1	1		20.81		21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.43	22.67	22.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.37	22.61	22.41	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.49	22.52	22.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.37	22.49	22.34	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.49	22.44	22.38	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.54	22.57	22.29	23.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.45	22.50	22.36	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.34	22.78	22.47	23.00

N78 PC3 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.30	/	22.50
		1	137	/	21.63	/	22.50
		1	271	/	21.66	/	22.50
		135	0	/	21.04	/	22.00
		135	69	/	21.68	/	22.50
		135	138	/	21.23	/	22.00
		270	0	/	21.47	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.39	/	22.50
		1	137	/	21.66	/	22.50
		1	271	/	21.64	/	22.50
		135	0	/	20.88	/	21.50
		135	69	/	21.55	/	22.50
		135	138	/	20.67	/	21.50
		270	0	/	20.74	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.70	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.75	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.50	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	649999.1	/	
100MHz	CP-OFDM QPSK	1	1		20.19		21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.97	22.15	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.93	21.97	21.79	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.03	22.03	21.87	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.02	21.89	21.73	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.81	22.03	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.98	22.15	21.86	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.92	21.92	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.74	22.22	21.86	22.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.40	/	20.50
		1	137	/	19.80	/	20.50
		1	271	/	19.97	/	20.50
		135	0	/	19.25	/	20.00
		135	69	/	19.88	/	20.50
		135	138	/	19.31	/	20.00
		270	0	/	19.47	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.37	/	20.50
		1	137	/	19.70	/	20.50
		1	271	/	19.70	/	20.50
		135	0	/	19.03	/	19.50
		135	69	/	19.60	/	20.50
		135	138	/	18.62	/	19.50
		270	0	/	18.67	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.82	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	17.76	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	15.60	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	649999.1	/	
100MHz	CP-OFDM QPSK	1	1		18.14		19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.19	20.47	19.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.02	20.03	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.04	20.12	20.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.29	19.96	19.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.04	20.17	20.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.16	20.17	19.78	20.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.06	20.01	20.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.03	20.39	19.85	20.50

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.49	/	18.50
		1	137	/	17.90	/	18.50
		1	271	/	17.85	/	18.50
		135	0	/	17.26	/	18.00
		135	69	/	17.81	/	18.50
		135	138	/	17.38	/	18.00
		270	0	/	17.39	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.28	/	18.50
		1	137	/	17.58	/	18.50
		1	271	/	17.63	/	18.50
		135	0	/	17.23	/	17.50
		135	69	/	17.57	/	18.50
		135	138	/	16.69	/	17.50
		270	0	/	16.60	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.76	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.74	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.65	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	649999.1	/	
100MHz	CP-OFDM QPSK	1	1		16.06		17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.29	18.43	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.12	17.97	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.96	17.95	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.19	18.05	17.97	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.03	18.13	18.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.10	18.25	17.68	18.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.16	18.19	18.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.06	18.39	17.92	18.50

N78 PC2 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.75	/	23.50
		1	137	/	22.51	/	23.50
		1	271	/	22.78	/	23.50
		135	0	/	18.85	/	20.00
		135	69	/	22.82	/	23.50
		135	138	/	18.97	/	20.00
		270	0	/	22.13	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.58	/	23.50
		1	137	/	22.68	/	23.50
		1		/	22.75	/	23.50
		135	0	/	18.82	/	20.00
		135	69	/	22.70	/	23.50
		135	138	/	19.01	/	20.00
		270	0	/	21.81	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.70	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.43	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.37	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.32		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.90	22.86	22.69	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.79	22.85	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.56	22.69	22.67	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.81	23.01	22.59	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.63	22.66	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.70	23.01	22.73	23.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.65	22.68	22.54	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.72	22.97	22.59	23.50

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.20	/	20.00
		1	137	/	18.92	/	20.00
		1	271	/	19.35	/	20.00
		135	0	/	15.22	/	16.50
		135	69	/	19.32	/	20.00
		135	138	/	15.59	/	16.50
		270	0	/	18.74	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.07	/	20.00
		1	137	/	19.28	/	20.00
		1		/	19.10	/	20.00
		135	0	/	15.22	/	16.50
		135	69	/	19.33	/	20.00
		135	138	/	15.36	/	16.50
		270	0	/	18.32	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.23	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.92	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.76	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.83		18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.55	19.33	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.26	19.39	19.09	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.98	19.14	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.17	19.42	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.99	19.16	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.31	19.65	19.14	20.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.27	19.31	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.29	19.34	19.06	20.00

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.85	/	19.50
		1	137	/	18.35	/	19.50
		1	271	/	18.92	/	19.50
		135	0	/	14.61	/	16.00
		135	69	/	18.72	/	19.50
		135	138	/	15.14	/	16.00
		270	0	/	18.31	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.55	/	19.50
		1	137	/	18.70	/	19.50
		1		/	18.48	/	19.50
		135	0	/	14.83	/	16.00
		135	69	/	18.89	/	19.50
		135	138	/	15.00	/	16.00
		270	0	/	17.79	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.66	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.37	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.23	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.38		18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.06	18.68	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.69	18.97	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.50	18.67	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.67	19.00	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.49	18.65	18.71	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.70	19.20	18.54	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.71	18.75	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.87	18.79	18.46	19.50

N78 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.13	/	23.00
		1	137	/	22.08	/	23.00
		1	271	/	22.09	/	23.00
		135	0	/	18.71	/	19.50
		135	69	/	22.10	/	23.00
		135	138	/	18.74	/	19.50
		270	0	/	21.49	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.19	/	23.00
		1	137	/	22.14	/	23.00
		1	271	/	22.18	/	23.00
		135	0	/	18.66	/	19.50
		135	69	/	22.04	/	23.00
		135	138	/	18.69	/	19.50
		270	0	/	21.07	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.20	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.46	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.64	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.81	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.07	22.12	21.84	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649332	649998	650666	
80MHz	DFT-s-OFDM QPSK	1	1	22.12	22.06	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648998	649998	650998	
70MHz	DFT-s-OFDM QPSK	1	1	22.09	22.07	21.86	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648666	649998	651332	
60MHz	DFT-s-OFDM QPSK	1	1	22.14	21.97	21.90	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	649998	651666	
50MHz	DFT-s-OFDM QPSK	1	1	22.09	22.22	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647998	649998	651998	
40MHz	DFT-s-OFDM QPSK	1	1	22.08	22.05	21.86	23.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647666	649998	652332	
30MHz	DFT-s-OFDM QPSK	1	1	22.14	22.06	21.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647332	649998	652666	
20MHz	DFT-s-OFDM QPSK	1	1	22.18	22.17	21.80	23.00

N78 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.80	/	22.50
		1	137	/	21.55	/	22.50
		1	271	/	21.69	/	22.50
		135	0	/	18.29	/	19.00
		135	69	/	21.44	/	22.50
		135	138	/	18.18	/	19.00
		270	0	/	20.88	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.72	/	22.50
		1	137	/	21.64	/	22.50
		1	271	/	21.77	/	22.50
		135	0	/	18.28	/	19.00
		135	69	/	21.63	/	22.50
		135	138	/	18.33	/	19.00
		270	0	/	20.58	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.58	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.83	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.03	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.36	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.59	21.67	21.32	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649332	649998	650666	
80MHz	DFT-s-OFDM QPSK	1	1	21.73	21.70	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648998	649998	650998	
70MHz	DFT-s-OFDM QPSK	1	1	21.46	21.55	21.32	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648666	649998	651332	
60MHz	DFT-s-OFDM QPSK	1	1	21.47	21.61	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	649998	651666	
50MHz	DFT-s-OFDM QPSK	1	1	21.69	21.61	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647998	649998	651998	
40MHz	DFT-s-OFDM QPSK	1	1	21.67	21.50	21.20	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647666	649998	652332	
30MHz	DFT-s-OFDM QPSK	1	1	21.69	21.40	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647332	649998	652666	
20MHz	DFT-s-OFDM QPSK	1	1	21.60	21.57	21.30	22.50

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.95	/	20.50
		1	137	/	19.56	/	20.50
		1	271	/	19.48	/	20.50
		135	0	/	16.31	/	17.00
		135	69	/	19.58	/	20.50
		135	138	/	16.31	/	17.00
		270	0	/	19.02	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.59	/	20.50
		1	137	/	19.62	/	20.50
		1	271	/	19.85	/	20.50
		135	0	/	16.10	/	17.00
		135	69	/	19.44	/	20.50
		135	138	/	16.42	/	17.00
		270	0	/	18.53	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.68	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	16.95	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	14.95	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.36	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.54	19.75	19.31	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649332	649998	650666	
80MHz	DFT-s-OFDM QPSK	1	1	19.77	19.72	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648998	649998	650998	
70MHz	DFT-s-OFDM QPSK	1	1	19.26	19.56	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648666	649998	651332	
60MHz	DFT-s-OFDM QPSK	1	1	19.54	19.69	19.39	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	649998	651666	
50MHz	DFT-s-OFDM QPSK	1	1	19.80	19.64	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647998	649998	651998	
40MHz	DFT-s-OFDM QPSK	1	1	19.53	19.38	19.28	20.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647666	649998	652332	
30MHz	DFT-s-OFDM QPSK	1	1	19.77	19.47	19.49	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647332	649998	652666	
20MHz	DFT-s-OFDM QPSK	1	1	19.53	19.71	19.31	20.50

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.80	/	18.50
		1	137	/	17.70	/	18.50
		1	271	/	17.51	/	18.50
		135	0	/	14.20	/	15.00
		135	69	/	17.37	/	18.50
		135	138	/	14.45	/	15.00
		270	0	/	17.04	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.61	/	18.50
		1	137	/	17.78	/	18.50
		1	271	/	17.82	/	18.50
		135	0	/	14.18	/	15.00
		135	69	/	17.35	/	18.50
		135	138	/	14.60	/	15.00
		270	0	/	16.36	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.77	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.01	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.02	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.42	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.45	17.89	17.27	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649332	649998	650666	
80MHz	DFT-s-OFDM QPSK	1	1	17.84	17.73	17.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648998	649998	650998	
70MHz	DFT-s-OFDM QPSK	1	1	17.20	17.68	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648666	649998	651332	
60MHz	DFT-s-OFDM QPSK	1	1	17.50	17.81	17.23	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	649998	651666	
50MHz	DFT-s-OFDM QPSK	1	1	17.82	17.61	17.33	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647998	649998	651998	
40MHz	DFT-s-OFDM QPSK	1	1	17.46	17.43	17.28	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647666	649998	652332	
30MHz	DFT-s-OFDM QPSK	1	1	17.65	17.53	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647332	649998	652666	
20MHz	DFT-s-OFDM QPSK	1	1	17.47	17.48	17.53	18.50

N77 PC3 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.65	/	19.50
		1	137	/	18.42	/	19.50
		1	271	/	18.54	/	19.50
		135	0	/	16.93	/	18.00
		135	69	/	17.05	/	18.00
		135	138	/	18.56	/	19.50
		270	0	/	17.06	/	18.00
	CP-OFDM 16QAM	1	1	/	17.95	/	19.00
	CP-OFDM 64QAM	1	1	/	16.61	/	17.50
	CP-OFDM 256QAM	1	1	/	13.71	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	18.52	18.51	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	18.64	18.61	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.51	18.63	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	18.62	18.58	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	18.57	18.69	18.51	19.50

N77 PC3 DSI 4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.61	/	17.50
		1	137	/	16.36	/	17.50
		1	271	/	16.49	/	17.50
		135	0	/	15.01	/	16.00
		135	69	/	15.07	/	16.00
		135	138	/	16.67	/	17.50

		270	0	/	14.98	/	16.00
	CP-OFDM 16QAM	1	1	/	15.82	/	17.00
	CP-OFDM 64QAM	1	1	/	14.59	/	15.50
	CP-OFDM 256QAM	1	1	/	11.75	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	CP-OFDM QPSK	1	1	16.55	16.54	16.62	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	CP-OFDM QPSK	1	1	16.66	16.58	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	CP-OFDM QPSK	1	1	16.55	16.60	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	CP-OFDM QPSK	1	1	16.72	16.44	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	CP-OFDM QPSK	1	1	16.70	16.63	16.41	17.50

N77 PC3 DSI 0/1/2/3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	18.49	18.56	18.65	18.88	18.65	18.64	19.50
		1	137	18.46	18.48	18.40	18.56	18.48	18.59	19.50
		1	271	18.29	18.46	18.49	18.69	18.51	18.44	19.50
		135	0	17.31	17.08	17.15	17.26	17.20	17.35	18.00
		135	69	17.09	17.19	17.06	17.17	17.07	17.07	18.00
		135	138	18.19	18.41	18.43	18.41	18.28	18.38	19.50
		270	0	17.12	17.01	16.96	17.18	17.01	17.12	18.00
	CP-OFDM 16QAM	1	1	17.76	17.99	17.96	18.19	17.88	18.03	19.00
	CP-OFDM 64QAM	1	1	16.47	16.49	16.49	16.58	16.35	16.35	17.50
	CP-OFDM 256QAM	1	1	14.23	14.06	14.21	14.30	14.14	14.11	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	18.36	18.62	18.61	18.81	18.78	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	18.35	18.54	18.70	18.86	18.73	18.61	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	18.58	18.41	18.72	18.90	18.65	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	18.34	18.57	18.70	18.87	18.70	18.66	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	18.54	18.44	18.74	18.86	18.79	18.70	19.50

N77 PC3 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	17.07	17.02	17.23	17.43	17.02	17.11	18.00
		1	137	16.88	16.90	17.02	17.20	17.05	17.04	18.00
		1	271	16.89	16.88	17.11	17.31	16.86	16.95	18.00
		135	0	15.87	15.72	15.59	15.68	15.75	15.73	16.50
		135	69	15.68	15.67	15.44	15.57	15.55	15.66	16.50
		135	138	16.64	16.90	16.89	16.96	16.85	16.99	18.00
		270	0	15.76	15.56	15.47	15.83	15.51	15.68	16.50
	CP-OFDM 16QAM	1	1	16.32	16.60	16.37	16.63	16.46	16.60	17.50
	CP-OFDM 64QAM	1	1	14.94	14.86	15.15	15.18	14.83	14.87	16.00
	CP-OFDM 256QAM	1	1	12.87	12.47	12.57	12.92	12.54	12.52	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	16.75	17.21	17.11	17.47	17.25	17.05	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	16.99	16.98	17.21	17.44	17.39	17.04	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	17.08	16.77	17.14	17.45	17.03	17.02	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	16.73	17.17	17.18	17.29	17.23	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	17.01	16.80	17.22	17.28	17.43	17.25	18.00

N77 PC3 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	16.03	16.10	16.22	16.44	16.01	16.01	17.00
		1	137	15.94	15.90	15.98	16.05	16.15	15.95	17.00
		1	271	15.93	15.99	16.04	16.28	15.90	15.83	17.00
		135	0	14.73	14.57	14.70	14.60	14.72	14.85	15.50
		135	69	14.53	14.59	14.50	14.47	14.57	14.74	15.50
		135	138	15.78	15.77	15.89	15.94	15.88	16.04	17.00
		270	0	14.69	14.44	14.38	14.72	14.39	14.71	15.50
	CP-OFDM 16QAM	1	1	15.40	15.74	15.41	15.68	15.44	15.49	16.50
	CP-OFDM 64QAM	1	1	13.80	13.78	14.07	14.27	13.83	13.93	15.00
	CP-OFDM 256QAM	1	1	11.88	11.56	11.59	11.88	11.60	11.50	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	15.75	16.18	15.96	16.62	16.23	15.93	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	16.11	15.92	16.35	16.40	16.28	16.05	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	15.94	15.65	16.00	16.56	15.92	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	15.70	16.15	16.19	16.42	16.33	16.42	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	16.03	15.70	16.15	16.20	16.35	16.38	17.00

N77 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	20.10	/	21.00
		1	137	/	19.77	/	21.00
		1	271	/	19.96	/	21.00
		135	0	/	18.58	/	19.50
		135	69	/	18.52	/	19.50
		135	138	/	20.09	/	21.00
		270	0	/	18.49	/	19.50
	CP-OFDM 16QAM	1	1	/	19.49	/	20.50
	CP-OFDM 64QAM	1	1	/	18.01	/	19.00
	CP-OFDM 256QAM	1	1	/	15.14	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	19.88	19.95	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	20.05	20.01	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	19.89	20.29	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	20.09	20.23	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.98	20.19	20.04	21.00

N77 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	19.50	/	20.50
		1	137	/	19.30	/	20.50
		1	271	/	19.38	/	20.50
		135	0	/	18.19	/	19.00
		135	69	/	17.88	/	19.00
		135	138	/	19.56	/	20.50
		270	0	/	18.05	/	19.00
	CP-OFDM 16QAM	1	1	/	18.91	/	20.00
	CP-OFDM 64QAM	1	1	/	17.63	/	18.50
	CP-OFDM 256QAM	1	1	/	14.55	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	19.46	19.50	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	19.54	19.44	19.24	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	19.52	19.68	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	19.61	19.71	19.46	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.49	19.59	19.68	20.50

N77 PC2 DSI 4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.53	/	17.50
		1	137	/	16.19	/	17.50
		1	271	/	16.41	/	17.50
		135	0	/	15.12	/	16.00
		135	69	/	14.96	/	16.00
		135	138	/	16.58	/	17.50
		270	0	/	14.91	/	16.00
	CP-OFDM 16QAM	1	1	/	15.92	/	17.00
	CP-OFDM 64QAM	1	1	/	14.50	/	15.50
	CP-OFDM 256QAM	1	1	/	11.56	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.47	16.64	16.54	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	16.61	16.30	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.41	16.54	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.63	16.76	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.40	16.45	16.64	17.50

N77 PC2 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	20.50	20.51	20.67	20.87	20.72	20.58	21.50
		1	137	20.45	20.42	20.58	20.62	20.56	20.19	21.50
		1	271	20.31	20.34	20.49	20.76	20.52	20.45	21.50
		135	0	18.78	18.81	19.14	19.21	19.12	19.02	20.00
		135	69	18.77	18.86	18.99	18.98	19.05	18.91	20.00
		135	138	20.04	20.01	20.25	20.36	20.22	19.96	21.50
		270	0	18.86	18.62	18.90	19.04	18.99	18.69	20.00
	CP-OFDM 16QAM	1	1	20.07	19.95	20.32	20.37	20.23	19.86	21.00
	CP-OFDM 64QAM	1	1	18.21	18.15	18.51	18.48	18.54	18.44	19.50
	CP-OFDM 256QAM	1	1	15.81	15.76	15.91	15.85	15.99	15.70	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	20.38	20.51	20.58	20.95	20.72	20.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	20.54	20.48	20.53	21.02	20.66	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	20.65	20.50	20.70	20.88	20.79	20.51	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	20.49	20.49	20.67	20.94	20.65	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	20.45	20.45	20.62	21.01	20.61	20.64	21.50

N77 PC2 DSI 2/3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	19.62	19.44	19.72	19.90	19.83	19.67	20.50
		1	137	19.58	19.38	19.47	19.72	19.67	19.27	20.50
		1	271	19.43	19.24	19.60	19.73	19.63	19.56	20.50
		135	0	17.89	17.92	18.28	18.08	18.05	17.88	19.00
		135	69	17.75	17.74	18.07	17.85	18.09	17.79	19.00
		135	138	19.11	19.05	19.12	19.34	19.29	19.10	20.50
		270	0	17.83	17.53	17.97	17.97	17.88	17.69	19.00
	CP-OFDM 16QAM	1	1	19.06	19.02	19.41	19.46	19.27	18.75	20.00
	CP-OFDM 64QAM	1	1	17.12	17.03	17.50	17.36	17.44	17.56	18.50
	CP-OFDM 256QAM	1	1	14.92	14.78	15.03	14.90	15.00	14.60	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	19.38	19.52	19.53	19.99	19.63	19.50	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	19.65	19.38	19.59	19.96	19.79	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	19.67	19.39	19.80	19.92	19.66	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	19.44	19.51	19.78	19.91	19.54	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	19.52	19.38	19.60	20.16	19.60	19.72	20.50

N77 PC2 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	16.98	16.91	17.21	17.55	17.33	17.22	18.00
		1	137	16.94	16.78	17.06	17.37	17.20	16.64	18.00
		1	271	16.84	16.74	17.02	17.37	17.23	17.06	18.00
		135	0	15.45	15.56	15.91	15.43	15.55	15.42	16.50
		135	69	15.28	15.09	15.58	15.38	15.47	15.28	16.50
		135	138	16.65	16.58	16.54	16.75	16.85	16.59	18.00
		270	0	15.32	15.18	15.41	15.58	15.24	15.33	16.50
	CP-OFDM 16QAM	1	1	16.69	16.44	16.82	16.88	16.67	16.36	17.50
	CP-OFDM 64QAM	1	1	14.68	14.62	14.98	14.88	14.88	14.94	16.00
	CP-OFDM 256QAM	1	1	12.48	12.23	12.44	12.30	12.63	12.25	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	16.96	17.13	16.92	17.50	17.25	17.04	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	17.28	17.02	17.06	17.54	17.15	16.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	17.24	16.79	17.25	17.44	17.21	17.10	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	16.84	17.10	17.15	17.32	17.13	17.10	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	16.87	16.90	17.23	17.81	16.99	17.34	18.00

N77 PC2 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	16.55	16.27	16.62	17.06	16.82	16.84	17.50
		1	137	16.50	16.40	16.45	16.79	16.74	16.16	17.50
		1	271	16.45	16.10	16.49	16.91	16.68	16.65	17.50
		135	0	15.09	15.15	15.50	14.89	15.08	14.83	16.00
		135	69	14.86	14.71	15.02	14.92	15.01	14.84	16.00
		135	138	16.19	16.10	16.01	16.10	16.42	16.01	17.50
		270	0	14.79	14.64	14.89	15.16	14.65	14.73	16.00
	CP-OFDM 16QAM	1	1	16.30	16.07	16.43	16.53	16.13	15.99	17.00
	CP-OFDM 64QAM	1	1	14.24	14.13	14.43	14.28	14.27	14.39	15.50
	CP-OFDM 256QAM	1	1	12.05	11.86	11.95	11.66	12.11	11.81	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	16.53	16.66	16.32	17.05	16.76	16.65	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	16.66	16.41	16.69	16.97	16.75	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	16.73	16.17	16.62	17.04	16.84	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	16.45	16.74	16.54	16.91	16.69	16.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	16.35	16.33	16.76	17.17	16.63	16.81	17.50

N78 PC3 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.35	/	19.50
		1	137	/	18.26	/	19.50
		1	271	/	18.17	/	19.50
		135	0	/	17.19	/	18.00
		135	69	/	17.16	/	18.00
		135	138	/	18.40	/	19.50
		270	0	/	17.04	/	18.00
	CP-OFDM 16QAM	1	1	/	18.12	/	19.00
	CP-OFDM 64QAM	1	1	/	16.84	/	17.50
	CP-OFDM 256QAM	1	1	/	13.94	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	18.28	18.21	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	18.26	18.13	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	18.15	18.27	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	18.14	18.20	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	18.36	18.25	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.10	18.21	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	18.03	18.07	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	18.17	18.43	18.03	19.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.83	/	17.00
		1	137	/	15.62	/	17.00
		1	271	/	15.73	/	17.00
		135	0	/	14.78	/	15.50
		135	69	/	14.53	/	15.50
		135	138	/	15.93	/	17.00
		270	0	/	14.46	/	15.50
	CP-OFDM 16QAM	1	1	/	15.59	/	16.50
	CP-OFDM 64QAM	1	1	/	14.23	/	15.00
	CP-OFDM 256QAM	1	1	/	11.35	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	15.68	15.61	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	15.75	15.72	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	15.55	15.84	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.55	15.57	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	15.87	15.88	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.57	15.58	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	15.69	15.72	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	15.79	15.97	15.75	17.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.35	/	16.50
		1	137	/	15.15	/	16.50
		1	271	/	15.24	/	16.50
		135	0	/	14.34	/	15.00
		135	69	/	13.91	/	15.00
		135	138	/	15.40	/	16.50
		270	0	/	13.98	/	15.00
	CP-OFDM 16QAM	1	1	/	15.02	/	16.00
	CP-OFDM 64QAM	1	1	/	13.59	/	14.50
	CP-OFDM 256QAM	1	1	/	10.70	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	15.16	15.07	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	15.24	15.12	15.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	15.10	15.32	15.23	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.18	15.11	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	15.23	15.47	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.08	15.05	15.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	15.23	15.26	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	15.26	15.45	15.29	16.50

N78 PC3 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.56	/	19.50
		1	137	/	18.57	/	19.50
		1	271	/	18.36	/	19.50
		135	0	/	17.05	/	18.00
		135	69	/	17.02	/	18.00
		135	138	/	18.63	/	19.50
		270	0	/	16.95	/	18.00
	CP-OFDM 16QAM	1	1	/	17.63	/	19.00
	CP-OFDM 64QAM	1	1	/	16.46	/	17.50
	CP-OFDM 256QAM	1	1	/	13.64	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.45	18.52	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	18.41	18.44	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	18.40	18.50	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	18.45	18.61	18.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.51	18.60	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	18.50	18.61	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	18.46	18.60	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	18.58	18.58	18.55	19.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.12	/	19.00
		1	137	/	17.99	/	19.00
		1	271	/	18.02	/	19.00
		135	0	/	16.50	/	17.50
		135	69	/	16.59	/	17.50
		135	138	/	18.22	/	19.00
		270	0	/	16.32	/	17.50
	CP-OFDM 16QAM	1	1	/	17.17	/	18.50
	CP-OFDM 64QAM	1	1	/	15.81	/	17.00
	CP-OFDM 256QAM	1	1	/	13.02	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.01	17.95	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	17.90	17.88	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.99	17.94	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	17.91	17.96	18.11	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.12	18.20	18.02	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	17.97	17.97	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	17.84	18.08	17.93	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	18.20	18.03	17.95	19.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	17.12	/	18.00
		1	137	/	17.02	/	18.00
		1	271	/	16.96	/	18.00
		135	0	/	15.41	/	16.50
		135	69	/	15.65	/	16.50
		135	138	/	17.31	/	18.00
		270	0	/	15.21	/	16.50
	CP-OFDM 16QAM	1	1	/	16.32	/	17.50
	CP-OFDM 64QAM	1	1	/	14.74	/	16.00
	CP-OFDM 256QAM	1	1	/	12.00	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	17.10	16.94	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	17.01	16.83	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.03	16.81	16.98	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	16.90	17.05	17.10	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	17.09	17.17	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	16.91	17.08	16.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	16.77	17.08	17.04	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	17.34	17.06	17.09	18.00

N78 PC2 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	19.43	/	20.50
		1	137	/	19.05	/	20.50
		1	271	/	19.24	/	20.50
		135	0	/	17.53	/	19.00
		135	69	/	17.74	/	19.00
		135	138	/	19.03	/	20.50
		270	0	/	17.80	/	19.00
	CP-OFDM 16QAM	1	1	/	19.07	/	20.00
	CP-OFDM 64QAM	1	1	/	17.35	/	18.50
	CP-OFDM 256QAM	1	1	/	14.34	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	19.25	19.06	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	19.29	19.44	19.34	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	19.11	19.34	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	19.08	19.44	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	19.48	19.19	19.15	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	19.16	19.18	19.23	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	19.21	19.16	19.11	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.11	19.48	19.20	20.50

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.83	/	17.00
		1	137	/	15.62	/	17.00
		1	271	/	15.68	/	17.00
		135	0	/	14.78	/	15.50
		135	69	/	14.53	/	15.50
		135	138	/	15.93	/	17.00
		270	0	/	14.46	/	15.50
	CP-OFDM 16QAM	1	1	/	15.59	/	16.50
	CP-OFDM 64QAM	1	1	/	14.23	/	15.00
	CP-OFDM 256QAM	1	1	/	11.35	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	15.68	15.61	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	15.75	15.72	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	15.55	15.84	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.55	15.57	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	15.87	15.88	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.57	15.58	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	15.69	15.72	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	15.79	15.97	15.75	17.00

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	15.35	/	16.50
		1	137	/	15.15	/	16.50
		1	271	/	15.19	/	16.50
		135	0	/	14.34	/	15.00
		135	69	/	13.91	/	15.00
		135	138	/	15.40	/	16.50
		270	0	/	13.98	/	15.00
	CP-OFDM 16QAM	1	1	/	15.02	/	16.00
	CP-OFDM 64QAM	1	1	/	13.59	/	14.50
	CP-OFDM 256QAM	1	1	/	10.70	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	15.16	15.07	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	15.24	15.12	15.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	15.10	15.32	15.23	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	15.18	15.11	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	15.23	15.47	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	15.08	15.05	15.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	15.23	15.26	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	15.26	15.45	15.29	16.50

N78 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	21.98	/	22.50
		1	137	/	21.99	/	22.50
		1	271	/	21.78	/	22.50
		135	0	/	20.41	/	21.00
		135	69	/	20.39	/	21.00
		135	138	/	22.01	/	22.50
		270	0	/	20.37	/	21.00
	CP-OFDM 16QAM	1	1	/	21.08	/	22.00
	CP-OFDM 64QAM	1	1	/	19.86	/	20.50
	CP-OFDM 256QAM	1	1	/	17.02	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	21.90	21.95	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	21.82	21.89	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	21.84	21.91	21.94	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	21.87	22.01	21.87	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	21.92	22.04	21.84	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	21.89	21.99	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	21.91	21.98	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	21.96	21.96	21.92	22.50

N78 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	21.47	/	22.00
		1	137	/	21.61	/	22.00
		1	271	/	21.36	/	22.00
		135	0	/	19.76	/	20.50
		135	69	/	19.82	/	20.50
		135	138	/	21.53	/	22.00
		270	0	/	19.73	/	20.50
	CP-OFDM 16QAM	1	1	/	20.70	/	21.50
	CP-OFDM 64QAM	1	1	/	19.44	/	20.00
	CP-OFDM 256QAM	1	1	/	16.66	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	21.26	21.45	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	21.23	21.51	21.56	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	21.34	21.45	21.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	21.47	21.52	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	21.30	21.46	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	21.49	21.42	21.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	21.34	21.49	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	21.48	21.33	21.29	22.00

N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.51	/	19.00
		1	137	/	18.61	/	19.00
		1	271	/	18.37	/	19.00
		135	0	/	16.84	/	17.50
		135	69	/	16.77	/	17.50
		135	138	/	18.51	/	19.00
		270	0	/	16.78	/	17.50
	CP-OFDM 16QAM	1	1	/	17.66	/	18.50
	CP-OFDM 64QAM	1	1	/	16.36	/	17.00
	CP-OFDM 256QAM	1	1	/	13.55	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	18.29	18.39	18.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	18.16	18.66	18.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	18.41	18.50	18.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	18.52	18.64	18.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	18.20	18.36	18.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	18.37	18.44	18.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	18.21	18.56	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	18.43	18.20	18.38	19.00

N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	17.43	/	18.00
		1	137	/	17.63	/	18.00
		1	271	/	17.33	/	18.00
		135	0	/	15.81	/	16.50
		135	69	/	15.76	/	16.50
		135	138	/	17.65	/	18.00
		270	0	/	15.85	/	16.50
	CP-OFDM 16QAM	1	1	/	16.58	/	17.50
	CP-OFDM 64QAM	1	1	/	15.23	/	16.00
	CP-OFDM 256QAM	1	1	/	12.56	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	17.30	17.46	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	17.23	17.59	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.49	17.60	17.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	17.42	17.74	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	17.23	17.27	17.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	17.31	17.55	17.37	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	17.22	17.50	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	17.33	17.32	17.46	18.00

6.4 Conducted Power of NR Antenna (Ant5)

N7 DSI 0/1/2/3/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.44	23.60	23.64	25.00
		1	53	23.43	23.46	23.59	25.00
		1	104	23.64	23.44	23.34	25.00
		50	0	22.90	22.84	22.95	24.50
		50	28	23.35	23.48	23.35	25.00
		50	56	22.80	22.78	22.95	24.50
		100	0	22.87	22.95	23.02	24.50
	DFT-s-OFDM QPSK	1	1	23.52	23.63	23.58	25.00
		1	53	23.40	23.60	23.62	25.00
		1	104	23.36	23.31	23.22	25.00
		50	0	22.30	22.60	22.64	24.00
		50	28	23.38	23.51	23.31	25.00
		50	56	22.44	22.37	22.18	24.00
		100	0	22.40	22.44	22.36	24.00
	DFT-s-OFDM 16QAM	1	1	22.33	22.87	22.86	24.00
	DFT-s-OFDM 64QAM	1	1	21.06	21.03	20.71	22.50
	DFT-s-OFDM 256QAM	1	1	18.99	19.25	18.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	CP-OFDM QPSK	1	1	21.85	22.19	22.08	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	23.45	23.58	23.39	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.48	23.59	23.55	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.45	23.32	23.29	25.00

N70 DSI0/1/2/3/4/5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
				/	1702.5	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.80	/	24.00
		1	40	/	23.85	/	24.00
		1	77	/	23.89	/	24.00
		36	0	/	23.23	/	23.50
		36	22	/	23.66	/	24.00
		36	43	/	23.31	/	23.50
		75	0	/	23.41	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.80	/	24.00
		1	40	/	23.82	/	24.00
		1	77	/	23.96	/	24.00
		36	0	/	22.80	/	23.00
		36	22	/	23.74	/	24.00
		36	43	/	22.88	/	23.00
		75	0	/	22.84	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.90	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	21.38	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	19.25	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	/	22.13	/	22.50

6.5 Conducted Power of NR Antenna (Ant7)

N77 PC3 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.67	/	23.00
		1	137	/	22.33	/	23.00
		1	271	/	22.13	/	23.00
		135	0	/	21.64	/	22.50
		135	69	/	22.52	/	23.00
		135	138	/	21.17	/	22.50
		270	0	/	22.07	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.84	/	23.00
		1	137	/	22.43	/	23.00
		1	271	/	22.20	/	23.00
		135	0	/	21.65	/	22.00
		135	69	/	22.53	/	23.00
		135	138	/	21.17	/	22.00
		270	0	/	21.52	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.81	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.17	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	18.16	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.19	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.44	22.51	22.44	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.23	22.57	22.42	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.74	22.51	22.47	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.36	22.58	22.50	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.38	22.50	22.59	23.00

N77 PC3 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.13	/	22.50
		1	137	/	21.78	/	22.50
		1	271	/	21.57	/	22.50
		135	0	/	21.20	/	22.00
		135	69	/	22.09	/	22.50
		135	138	/	20.74	/	22.00
		270	0	/	21.63	/	22.00
	DFT-s-OFDM QPSK	1	1	/	22.33	/	22.50
		1	137	/	21.85	/	22.50
		1	271	/	21.72	/	22.50
		135	0	/	21.14	/	21.50
		135	69	/	22.03	/	22.50
		135	138	/	20.68	/	21.50
		270	0	/	20.96	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	21.23	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.69	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.65	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.72	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.93	22.00	21.93	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.72	22.13	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.31	21.99	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.89	21.99	22.08	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.78	21.91	22.19	22.50

N77 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.80	/	20.00
		1	137	/	19.62	/	20.00
		1	271	/	19.33	/	20.00
		135	0	/	18.73	/	19.50
		135	69	/	19.55	/	20.00
		135	138	/	18.34	/	19.50
		270	0	/	19.08	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.88	/	20.00
		1	137	/	19.49	/	20.00
		1	271	/	19.21	/	20.00
		135	0	/	18.57	/	19.00
		135	69	/	19.67	/	20.00
		135	138	/	18.36	/	19.00
		270	0	/	18.66	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.94	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.38	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	15.22	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.33	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.70	19.81	19.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.42	19.66	19.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.75	19.68	19.53	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.57	19.74	19.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.54	19.76	19.60	20.00

N77 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.39	/	19.50
		1	137	/	19.20	/	19.50
		1	271	/	18.90	/	19.50
		135	0	/	18.29	/	19.00
		135	69	/	19.14	/	19.50
		135	138	/	17.82	/	19.00
		270	0	/	18.67	/	19.00
	DFT-s-OFDM QPSK	1	1	/	19.30	/	19.50
		1	137	/	19.03	/	19.50
		1	271	/	18.77	/	19.50
		135	0	/	18.05	/	18.50
		135	69	/	19.24	/	19.50
		135	138	/	17.96	/	18.50
		270	0	/	18.13	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.50	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.78	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.81	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.87	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.17	19.37	19.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.93	19.22	19.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.22	19.26	19.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.03	19.32	19.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.94	19.18	19.15	19.50

N77 PC3 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.25	24.14	24.12	24.18	24.14	24.18	25.00
		1	137	24.27	24.18	24.29	24.28	24.24	24.24	25.00
		1	271	24.21	24.15	24.28	24.05	24.14	24.26	25.00
		135	0	23.52	23.58	23.58	23.76	23.64	23.67	24.50
		135	69	24.12	24.09	24.27	24.24	24.24	24.17	25.00
		135	138	23.83	23.74	23.77	23.81	23.70	23.53	24.50
		270	0	24.13	24.26	24.14	24.11	24.20	24.11	24.50
	DFT-s-OFDM QPSK	1	1	24.31	24.17	24.10	24.17	24.12	24.22	25.00
		1	137	24.35	24.21	24.32	24.29	24.24	24.22	25.00
		1	271	24.33	24.19	24.30	24.11	24.12	24.21	25.00
		135	0	23.24	23.13	23.10	23.29	23.18	23.15	24.00
		135	69	24.02	24.13	24.33	24.29	24.26	24.13	25.00
		135	138	23.22	23.26	23.28	23.26	23.20	23.07	24.00
		270	0	23.37	23.23	23.19	23.24	23.15	23.07	24.00
	DFT-s-OFDM 16QAM	1	1	22.90	22.89	23.43	23.16	23.07	23.17	24.00
	DFT-s-OFDM 64QAM	1	1	22.03	21.95	21.49	21.85	21.93	21.98	22.50
	DFT-s-OFDM 256QAM	1	1	19.71	19.68	19.48	19.93	19.91	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	22.56	22.67	22.55	22.59	22.74	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	24.07	24.16	24.21	24.23	24.15	24.16	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.12	24.08	24.15	24.09	24.00	24.23	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.25	24.13	24.15	24.19	24.19	24.12	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	24.22	24.14	24.15	24.25	23.99	24.20	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	23.97	24.11	24.11	24.22	24.08	24.30	25.00
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N77 PC3 DSI 2/3/4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.19	23.04	23.28	23.24	23.22	24.00
		1	137	23.34	23.25	23.34	23.21	23.33	23.15	24.00
		1	271	23.12	23.24	23.29	22.97	23.07	23.29	24.00
		135	0	22.57	22.49	22.65	22.86	22.66	22.74	23.00
		135	69	23.03	23.08	23.34	23.28	23.20	23.10	24.00
		135	138	22.83	22.67	22.77	22.72	22.68	22.61	23.00
		270	0	23.06	23.36	23.04	23.19	23.28	23.06	23.50
	DFT-s-OFDM QPSK	1	1	23.26	23.22	23.13	23.13	23.03	23.22	24.00
		1	137	23.25	23.31	23.24	23.30	23.27	23.29	24.00
		1	271	23.24	23.26	23.23	23.01	23.02	23.22	24.00
		135	0	22.21	22.03	22.16	22.37	22.13	22.16	23.00
		135	69	23.03	23.07	23.25	23.35	23.21	23.18	24.00
		135	138	22.17	22.17	22.24	22.17	22.28	22.17	23.00
		270	0	22.31	22.26	22.11	22.14	22.18	22.04	23.00
	DFT-s-OFDM 16QAM	1	1	21.97	21.84	22.53	22.19	22.08	22.16	23.00
	DFT-s-OFDM 64QAM	1	1	21.00	20.92	20.41	20.80	20.87	20.95	21.50
	DFT-s-OFDM 256QAM	1	1	18.71	18.58	18.46	18.86	18.93	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	21.47	21.66	21.60	21.49	21.66	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.10	23.13	23.16	23.21	23.12	23.09	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.19	23.02	23.23	23.14	23.02	23.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.21	23.12	23.05	23.10	23.29	23.08	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	23.32	23.19	23.17	23.29	23.03	23.30	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	23.00	23.12	23.13	23.12	23.16	23.36	24.00
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N77 PC3 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.19	21.15	21.03	21.15	21.17	21.28	22.00
		1	137	21.28	21.14	21.34	21.11	21.35	21.08	22.00
		1	271	21.10	21.22	21.24	20.94	21.01	21.31	22.00
		135	0	20.57	20.45	20.65	20.79	20.67	20.78	21.50
		135	69	21.17	21.06	21.05	21.25	21.22	20.99	22.00
		135	138	20.85	20.62	20.88	20.61	20.65	20.65	21.50
		270	0	21.01	20.90	21.16	21.23	21.31	21.12	21.50
	DFT-s-OFDM QPSK	1	1	21.14	21.19	21.16	21.19	20.92	21.16	22.00
		1	137	21.25	21.31	21.16	21.35	21.12	21.38	22.00
		1	271	21.28	21.16	21.20	20.99	20.98	21.14	22.00
		135	0	20.32	20.17	20.06	20.32	20.19	20.15	21.00
		135	69	20.99	21.16	21.20	21.30	21.09	21.30	22.00
		135	138	20.17	20.07	20.25	20.19	20.18	20.03	21.00
		270	0	20.33	20.36	20.19	20.14	20.20	20.03	21.00
	DFT-s-OFDM 16QAM	1	1	19.92	19.69	20.42	20.08	20.18	20.18	21.00
	DFT-s-OFDM 64QAM	1	1	19.12	18.90	18.48	18.74	18.89	19.09	19.50
	DFT-s-OFDM 256QAM	1	1	16.71	16.55	16.60	16.77	16.90	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	19.54	19.74	19.70	19.48	19.62	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.18	21.17	21.21	21.27	21.19	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.20	21.03	21.15	21.26	21.01	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.16	21.10	21.05	20.97	21.26	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	21.28	21.14	21.19	21.30	21.06	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	20.92	21.12	21.08	21.25	21.18	21.30	22.00
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N77 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.78	/	23.00
		1	137	/	22.74	/	23.00
		1	271	/	22.51	/	23.00
		135	0	/	19.04	/	19.50
		135	69	/	22.53	/	23.00
		135	138	/	18.69	/	19.50
		270	0	/	21.99	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.86	/	23.00
		1	137	/	22.59	/	23.00
		1	271	/	22.35	/	23.00
		135	0	/	19.19	/	19.50
		135	69	/	22.77	/	23.00
		135	138	/	18.97	/	19.50
		270	0	/	21.62	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.92	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.35	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	18.37	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.36	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.69	22.74	22.76	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.39	22.75	22.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.77	22.65	22.70	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.50	22.56	22.59	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.63	22.80	22.70	23.00

N77 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.17	/	22.50
		1	137	/	22.06	/	22.50
		1	271	/	21.95	/	22.50
		135	0	/	18.40	/	19.00
		135	69	/	21.86	/	22.50
		135	138	/	18.14	/	19.00
		270	0	/	21.35	/	22.00
	DFT-s-OFDM QPSK	1	1	/	22.26	/	22.50
		1	137	/	22.04	/	22.50
		1	271	/	21.79	/	22.50
		135	0	/	18.48	/	19.00
		135	69	/	22.21	/	22.50
		135	138	/	18.28	/	19.00
		270	0	/	21.02	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	21.41	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.64	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.74	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.74	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.10	22.15	22.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.73	22.12	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.22	22.04	22.01	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.83	21.99	22.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.96	22.24	22.06	22.50

N77 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.80	/	20.00
		1	137	/	19.74	/	20.00
		1	271	/	19.34	/	20.00
		135	0	/	16.04	/	16.50
		135	69	/	19.42	/	20.00
		135	138	/	15.62	/	16.50
		270	0	/	18.92	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.92	/	20.00
		1	137	/	19.48	/	20.00
		1	271	/	19.22	/	20.00
		135	0	/	16.12	/	16.50
		135	69	/	19.67	/	20.00
		135	138	/	15.79	/	16.50
		270	0	/	18.51	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.71	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.23	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	15.22	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.36	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.57	19.62	19.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.42	19.69	19.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.61	19.65	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.52	19.60	19.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.52	19.73	19.56	20.00

N77 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.26	/	19.50
		1	137	/	19.31	/	19.50
		1	271	/	18.84	/	19.50
		135	0	/	15.63	/	16.00
		135	69	/	19.07	/	19.50
		135	138	/	15.09	/	16.00
		270	0	/	18.37	/	19.00
	DFT-s-OFDM QPSK	1	1	/	19.40	/	19.50
		1	137	/	19.07	/	19.50
		1	271	/	18.74	/	19.50
		135	0	/	15.69	/	16.00
		135	69	/	19.24	/	19.50
		135	138	/	15.30	/	16.00
		270	0	/	18.11	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.33	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.83	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.85	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.87	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.07	19.23	19.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.03	19.17	19.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.06	19.29	19.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.99	19.21	19.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.16	19.35	19.17	19.50

N77 PC2 DSI 0/1					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.98	24.46	24.59	24.67	24.59	24.65	25.50
		1	137	24.22	24.55	24.68	24.58	24.52	24.49	25.50
		1	271	24.34	24.73	24.64	24.49	24.37	24.49	25.50
		135	0	20.75	20.96	21.07	21.18	21.09	20.98	22.00
		135	69	24.00	24.57	24.61	24.65	24.60	24.54	25.50
		135	138	20.62	21.12	20.97	21.24	21.02	20.86	22.00
		270	0	23.68	24.03	24.10	24.63	24.14	23.97	25.00
	DFT-s-OFDM QPSK	1	1	24.00	24.57	24.49	24.54	24.41	24.61	25.50
		1	137	24.14	24.64	24.61	24.70	24.68	24.50	25.50
		1	271	24.36	24.65	24.71	24.54	24.50	24.46	25.50
		135	0	20.63	21.02	20.97	21.10	21.10	21.01	22.00
		135	69	24.01	24.66	24.65	24.60	24.54	24.44	25.50
		135	138	20.73	21.16	21.18	21.18	21.14	20.96	22.00
		270	0	23.22	23.54	23.54	24.03	23.52	23.42	24.50
	DFT-s-OFDM 16QAM	1	1	23.06	23.31	23.68	23.61	23.36	23.64	24.50
	DFT-s-OFDM 64QAM	1	1	21.56	22.24	21.89	22.28	22.32	22.33	23.00
	DFT-s-OFDM 256QAM	1	1	19.49	20.06	19.99	20.21	20.22	20.25	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	22.59	23.09	22.94	23.07	23.19	22.84	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.96	24.59	24.53	24.58	24.48	24.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.81	24.59	24.58	24.42	24.46	24.65	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.95	24.44	24.57	24.60	24.54	24.53	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	24.02	24.48	24.59	24.73	24.42	24.64	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	24.02	24.45	24.51	24.53	24.38	24.73	25.50
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N77 PC2 DSI 2/3/4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.40	23.01	23.18	23.09	23.11	23.08	24.00
		1	137	22.81	23.06	23.09	23.13	23.08	22.92	24.00
		1	271	22.80	23.20	23.12	22.89	22.86	22.98	24.00
		135	0	19.19	19.50	19.56	19.75	19.56	19.50	20.50
		135	69	22.59	22.97	23.20	23.11	23.13	23.02	24.00
		135	138	19.09	19.57	19.51	19.79	19.53	19.33	20.50
		270	0	22.11	22.62	22.66	23.07	22.73	22.42	23.50
	DFT-s-OFDM QPSK	1	1	22.44	23.01	23.05	23.08	22.95	23.16	24.00
		1	137	22.57	23.09	23.06	23.26	23.16	22.90	24.00
		1	271	22.93	23.17	23.27	23.12	23.00	23.06	24.00
		135	0	19.09	19.53	19.50	19.60	19.54	19.61	20.50
		135	69	23.27	23.28	23.16	23.11	22.96	23.03	24.00
		135	138	19.19	19.61	19.69	19.76	19.70	19.41	20.50
		270	0	21.66	21.95	22.14	22.48	22.03	21.89	23.00
	DFT-s-OFDM 16QAM	1	1	21.59	21.83	22.17	22.04	21.88	22.18	23.00
	DFT-s-OFDM 64QAM	1	1	20.12	20.79	20.45	20.82	20.75	20.91	21.50
	DFT-s-OFDM 256QAM	1	1	18.02	18.48	18.39	18.69	18.75	18.72	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	21.18	21.64	21.40	21.59	21.76	21.26	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.49	23.17	23.11	23.18	23.06	22.97	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.31	23.05	22.98	23.02	22.87	23.14	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.40	22.99	23.16	23.05	22.95	23.09	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	22.53	23.00	23.04	23.14	22.95	23.20	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	22.55	22.94	23.02	22.99	22.91	23.16	24.00
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N77 PC2 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.33	20.97	21.32	21.08	21.04	20.99	22.00
		1	137	20.82	21.04	21.00	21.28	20.98	21.02	22.00
		1	271	20.78	21.18	21.23	20.77	20.82	21.06	22.00
		135	0	17.24	17.55	17.41	17.67	17.46	17.58	18.50
		135	69	20.56	21.00	21.23	21.08	21.10	20.94	22.00
		135	138	17.10	17.62	17.63	17.67	17.47	17.41	18.50
		270	0	20.02	20.71	20.70	21.06	20.72	20.41	21.50
	DFT-s-OFDM QPSK	1	1	20.52	21.02	21.08	21.01	20.86	21.24	22.00
		1	137	20.52	21.06	21.00	21.36	21.03	20.95	22.00
		1	271	20.81	21.26	21.24	21.11	21.10	20.95	22.00
		135	0	17.10	17.64	17.50	17.75	17.48	17.56	18.50
		135	69	20.59	21.14	21.11	21.19	20.91	20.99	22.00
		135	138	17.14	17.73	17.63	17.65	17.77	17.43	18.50
		270	0	19.72	19.87	20.14	20.41	19.92	19.85	21.00
	DFT-s-OFDM 16QAM	1	1	19.65	19.71	20.22	19.95	19.79	20.13	21.00
	DFT-s-OFDM 64QAM	1	1	18.14	18.72	18.42	18.84	18.67	18.91	19.50
	DFT-s-OFDM 256QAM	1	1	16.00	16.42	16.43	16.60	16.76	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	19.04	19.62	19.38	19.64	19.81	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.44	21.27	21.16	21.09	21.15	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.30	20.97	21.02	20.99	20.81	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.34	20.94	21.08	21.03	20.95	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	21.13	20.99	21.08	20.93	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	



20MHz	DFT-s-OFDM QPSK	1	1	20.67	21.05	21.04	21.12	20.92	21.22	22.00
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N78 PC3 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.69	/	23.50
		1	137	/	22.58	/	23.50
		1	271	/	22.36	/	23.50
		135	0	/	22.06	/	23.00
		135	69	/	22.42	/	23.50
		135	138	/	21.87	/	23.00
		270	0	/	22.02	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.63	/	23.50
		1	137	/	22.55	/	23.50
		1	271	/	22.45	/	23.50
		135	0	/	21.63	/	22.50
		135	69	/	22.49	/	23.50
		135	138	/	21.45	/	22.50
		270	0	/	21.49	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.82	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.36	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.32	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.15		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.47	22.57	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.64	22.53	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.57	22.66	22.42	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.51	22.50	22.61	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.45	22.63	22.47	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.63	22.42	22.63	23.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.42	22.44	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.58	22.62	22.48	23.50

N78 PC3 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.83	/	22.50
		1	137	/	21.72	/	22.50
		1	271	/	21.24	/	22.50
		135	0	/	21.01	/	22.00
		135	69	/	21.28	/	22.50
		135	138	/	20.80	/	22.00
		270	0	/	21.17	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.61	/	22.50
		1	137	/	21.61	/	22.50
		1	271	/	21.36	/	22.50
		135	0	/	20.63	/	21.50
		135	69	/	21.54	/	22.50
		135	138	/	20.43	/	21.50
		270	0	/	20.38	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.74	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.31	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.45	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.19		21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.42	21.42	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.68	21.50	21.69	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.46	21.51	21.42	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.62	21.35	21.47	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.31	21.65	21.43	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.51	21.39	21.55	22.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.45	21.39	21.56	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.70	21.62	21.36	22.50

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.39	/	21.00
		1	137	/	20.41	/	21.00
		1	271	/	19.88	/	21.00
		135	0	/	19.62	/	20.50
		135	69	/	19.71	/	21.00
		135	138	/	19.35	/	20.50
		270	0	/	19.74	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.31	/	21.00
		1	137	/	20.18	/	21.00
		1	271	/	20.01	/	21.00
		135	0	/	19.25	/	20.00
		135	69	/	20.23	/	21.00
		135	138	/	18.99	/	20.00
		270	0	/	18.87	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.16	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	18.01	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	16.02	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		18.64		19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.92	19.94	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.35	20.00	20.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.96	20.12	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.06	19.83	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.79	20.07	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.02	19.91	20.12	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.05	20.02	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.31	20.32	20.02	21.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.95	/	20.50
		1	137	/	19.76	/	20.50
		1	271	/	19.52	/	20.50
		135	0	/	19.27	/	20.00
		135	69	/	19.31	/	20.50
		135	138	/	18.87	/	20.00
		270	0	/	19.13	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.91	/	20.50
		1	137	/	19.56	/	20.50
		1	271	/	19.63	/	20.50
		135	0	/	18.80	/	19.50
		135	69	/	19.66	/	20.50
		135	138	/	18.35	/	19.50
		270	0	/	18.27	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.76	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	17.66	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	15.44	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		18.18		19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.54	19.54	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.73	19.62	19.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.42	19.59	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.55	19.23	19.39	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.24	19.49	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.56	19.45	19.50	20.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.53	19.56	19.82	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.86	19.97	19.49	20.50

N78 PC3 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.83	/	25.00
		1	137	/	23.98	/	25.00
		1	271	/	24.26	/	25.00
		135	0	/	23.36	/	24.50
		135	69	/	24.07	/	25.00
		135	138	/	23.62	/	24.50
		270	0	/	23.45	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.83	/	25.00
		1	137	/	24.03	/	25.00
		1	271	/	24.16	/	25.00
		135	0	/	22.91	/	24.00
		135	69	/	24.02	/	25.00
		135	138	/	23.08	/	24.00
		270	0	/	23.09	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.86	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.39	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.15	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.36	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	23.89	24.14	24.03	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.02	24.14	23.99	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	23.87	24.05	23.94	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	23.82	24.19	23.95	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	23.90	24.17	23.96	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	23.74	24.08	23.96	25.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.99	24.03	24.04	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.96	24.13	23.93	25.00

N78 PC3 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.84	/	24.00
		1	137	/	22.97	/	24.00
		1	271	/	23.21	/	24.00
		135	0	/	22.38	/	23.50
		135	69	/	23.12	/	24.00
		135	138	/	22.62	/	23.50
		270	0	/	22.45	/	23.50
	DFT-s-OFDM QPSK	1	1	/	22.84	/	24.00
		1	137	/	23.08	/	24.00
		1	271	/	23.20	/	24.00
		135	0	/	21.91	/	23.00
		135	69	/	22.98	/	24.00
		135	138	/	22.04	/	23.00
		270	0	/	22.05	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.85	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.37	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.15	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.34	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.92	23.18	23.06	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	23.04	23.19	23.04	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.84	23.10	22.98	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.77	23.24	22.97	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.93	23.17	22.92	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.75	23.05	23.00	24.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.94	23.08	23.06	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.95	23.11	22.98	24.00

N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.72	/	23.00
		1	137	/	21.88	/	23.00
		1	271	/	22.22	/	23.00
		135	0	/	21.24	/	22.50
		135	69	/	22.03	/	23.00
		135	138	/	21.50	/	22.50
		270	0	/	21.53	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.92	/	23.00
		1	137	/	22.02	/	23.00
		1	271	/	22.16	/	23.00
		135	0	/	20.95	/	22.00
		135	69	/	22.17	/	23.00
		135	138	/	21.01	/	22.00
		270	0	/	21.21	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.96	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.39	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.24	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.39	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.82	22.00	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.07	22.26	21.85	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	21.74	21.96	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.77	22.34	22.02	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.89	22.23	21.99	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.60	22.09	21.98	23.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.94	21.96	22.14	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.89	22.21	21.93	23.00

N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.88	/	22.00
		1	137	/	20.95	/	22.00
		1	271	/	21.20	/	22.00
		135	0	/	20.19	/	21.50
		135	69	/	20.97	/	22.00
		135	138	/	20.45	/	21.50
		270	0	/	20.66	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.04	/	22.00
		1	137	/	20.93	/	22.00
		1	271	/	21.07	/	22.00
		135	0	/	19.99	/	21.00
		135	69	/	21.11	/	22.00
		135	138	/	19.88	/	21.00
		270	0	/	20.22	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.10	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	18.41	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	16.34	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.47	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.69	21.01	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.21	21.42	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.60	21.01	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.82	21.36	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.87	21.17	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.50	21.08	20.81	22.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.00	21.10	21.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.86	21.29	20.95	22.00

N78 PC2 DSI 0/1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.82	/	23.50
		1	137	/	22.46	/	23.50
		1	271	/	22.43	/	23.50
		135	0	/	19.20	/	20.00
		135	69	/	22.70	/	23.50
		135	138	/	19.31	/	20.00
		270	0	/	21.73	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.81	/	23.50
		1	137	/	22.63	/	23.50
		1	271	/	22.65	/	23.50
		135	0	/	19.33	/	20.00
		135	69	/	22.75	/	23.50
		135	138	/	19.20	/	20.00
		270	0	/	21.66	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.72	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.42	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.12	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.34		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.46	22.70	22.47	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.56	22.72	22.37	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.40	22.74	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.45	22.62	22.62	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.48	22.83	22.36	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.64	22.64	22.51	23.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.50	22.70	22.61	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.51	22.66	22.61	23.50

N78 PC2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.68	/	22.50
		1	137	/	21.51	/	22.50
		1	271	/	21.36	/	22.50
		135	0	/	18.30	/	19.00
		135	69	/	21.84	/	22.50
		135	138	/	18.38	/	19.00
		270	0	/	20.69	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.89	/	22.50
		1	137	/	21.63	/	22.50
		1	271	/	21.79	/	22.50
		135	0	/	18.31	/	19.00
		135	69	/	21.82	/	22.50
		135	138	/	18.21	/	19.00
		270	0	/	20.78	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.57	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.40	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.24	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.33		21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.50	21.77	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.71	21.64	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.44	21.89	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.57	21.50	21.72	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.33	21.86	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.59	21.62	21.59	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.65	21.73	21.48	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.49	21.79	21.62	22.50