

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

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	DFT-s-OFDM 16QAM	1	1	/	/	19.87	19.74	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	22.00
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	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649001	651800	654601	657401	660200	662999	22.00
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	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	22.00
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	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647666	651000	654332	657666	661000	664334	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	647499	650900	654298	657699	661100	664501	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647332	650800	654264	657732	661200	664668	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647165	650700	654230	657765	661300	664835	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	646998	650600	654196	657798	661400	665002	22.00



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N78 PC3 30kHz ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.04	/	23.00
		1	137	/	22.31	/	23.00
		1	271	/	22.24	/	23.00
		135	0	/	21.35	/	22.00
		135	69	/	22.33	/	23.00
		135	138	/	21.33	/	22.00
		270	0	/	21.42	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.30	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.76	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.12	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.19	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.14	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.03	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.19	22.14	22.05	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.11	22.08	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	



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20MHz	DFT-s-OFDM QPSK	1	1	22.17	22.01	22.00	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.01	22.10	22.14	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.07	22.10	22.01	23.00

N78 PC3_30kHz ECI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.11	/	22.00
		1	137	/	21.28	/	22.00
		1	271	/	21.23	/	22.00
		135	0	/	20.31	/	21.00
		135	69	/	21.33	/	22.00
		135	138	/	20.32	/	21.00
		270	0	/	20.42	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.34	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.79	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.99	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.05	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.07	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.26	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.16	/	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.13	21.07	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	21.04	21.20	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.24	21.11	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	20.99	21.06	20.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.25	21.23	21.23	22.00

N78 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.49	/	20.50
		1	137	/	19.81	/	20.50
		1	271	/	19.69	/	20.50
		135	0	/	18.83	/	19.50
		135	69	/	19.88	/	20.50
		135	138	/	18.86	/	19.50
		270	0	/	18.97	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.85	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.36	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.34	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.57	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.38	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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60MHz	DFT-s-OFDM QPSK	1	1	/	19.42	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.37	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.45	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.56	19.54	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.50	19.54	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.39	19.36	19.44	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.46	19.52	19.48	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.52	19.34	19.44	20.50

N78 PC3_30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.01	/	19.00
		1	137	/	18.38	/	19.00
		1	271	/	18.25	/	19.00
		135	0	/	17.35	/	18.00
		135	69	/	18.36	/	19.00
		135	138	/	17.32	/	18.00
		270	0	/	17.47	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.31	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.86	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.92	/	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.15	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.96	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.14	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.16	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.04	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.03	18.12	17.92	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.13	17.92	17.91	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.15	17.89	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	18.10	18.05	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.12	18.00	18.11	19.00

N78 PC2_30kHz ECI 4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.02	/	26.00
		1	137	/	25.24	/	26.00
		1	271	/	25.22	/	26.00
		135	0	/	21.86	/	22.50
		135	69	/	25.31	/	26.00
		135	138	/	21.77	/	22.50
		270	0	/	24.38	/	25.00



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	DFT-s-OFDM 16QAM	1	1	/	24.28	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	25.09	25.14	25.00	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.14	25.07	25.13	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.10	25.08	25.08	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.13	25.07	25.03	27.00

N78 PC2_30kHz ECI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	



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100MHz	DFT-s-OFDM QPSK	1	1	/	24.08	/	25.00
		1	137	/	24.22	/	25.00
		1	271	/	24.23	/	25.00
		135	0	/	20.80	/	21.50
		135	69	/	24.37	/	25.00
		135	138	/	20.84	/	21.50
	DFT-s-OFDM 16QAM	270	0	/	23.44	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.08	24.20	24.07	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.20	23.98	24.00	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.05	24.02	23.96	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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10MHz	DFT-s-OFDM QPSK	1	1	24.14	24.22	24.15	25.00
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N78 PC2 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.48	/	23.50
		1	137	/	22.67	/	23.50
		1	271	/	22.76	/	23.50
		135	0	/	19.38	/	20.00
		135	69	/	22.74	/	23.50
		135	138	/	19.27	/	20.00
		270	0	/	21.90	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.71	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.25	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	22.38	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.52	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	22.58	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	22.58	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	22.36	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	22.63	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.46	22.58	22.40	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.46	22.43	22.45	23.50



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Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.53	22.49	22.54	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.58	22.60	22.47	23.50

N78 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	22.00
		1	137	/	21.03	/	22.00
		1	271	/	21.26	/	22.00
		135	0	/	21.25	/	22.00
		135	69	/	17.82	/	18.50
		135	138	/	21.25	/	22.00
		270	0	/	17.79	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	20.41	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.80	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	21.03	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	20.88	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	20.90	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	21.11	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	20.98	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up



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30MHz	DFT-s-OFDM QPSK	1	1	20.89	21.03	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.15	21.04	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.92	21.00	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.11	20.95	21.03	22.00

N78 PC3 30kHz ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.27	/	23.00
		1	137	/	22.27	/	23.00
		1	271	/	22.12	/	23.00
		135	0	/	21.23	/	22.00
		135	69	/	22.26	/	23.00
		135	138	/	21.21	/	22.00
		270	0	/	21.25	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.27	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.79	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.15	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.38	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.32	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.14	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.41	/	23.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.36	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.12	22.33	22.34	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.22	22.16	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	22.13	22.27	22.29	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.32	22.12	22.13	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.37	22.12	22.15	23.00

N78 PC3 30kHz ECI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.26	/	22.00
		1	137	/	21.22	/	22.00
		1	271	/	21.19	/	22.00
		135	0	/	20.18	/	21.00
		135	69	/	21.32	/	22.00
		135	138	/	20.28	/	21.00
		270	0	/	20.28	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.31	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.82	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.13	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.19	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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70MHz	DFT-s-OFDM QPSK	1	1	/	21.18	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.30	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.22	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.40	21.27	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	21.24	21.34	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.39	21.13	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	21.24	21.19	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.21	21.29	21.32	22.00

N78 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.84	/	20.50
		1	137	/	19.72	/	20.50
		1	271	/	19.55	/	20.50
		135	0	/	18.70	/	19.50
		135	69	/	19.74	/	20.50
		135	138	/	18.76	/	19.50
		270	0	/	18.74	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.72	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.21	/	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.75	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.95	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.95	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.78	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.71	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.95	19.78	19.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	19.83	19.77	19.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.90	19.73	19.98	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	19.72	19.73	19.97	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.78	19.87	19.73	20.50

N78 PC3 30kHz ECI 7				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
100MHz		1	1	/	3750.00	/	
				/	18.26	/	19.00
				/	18.20	/	19.00



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	DFT-s-OFDM QPSK	1	271	/	18.07	/	19.00
		135	0	/	17.22	/	18.00
		135	69	/	18.24	/	19.00
		135	138	/	17.16	/	18.00
		270	0	/	17.25	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.24	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.70	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.11	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.19	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.19	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.29	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.35	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.30	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.37	18.12	18.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	18.16	18.40	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.23	18.15	18.18	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	18.40	18.37	18.33	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.29	18.21	18.37	19.00

N78 PC2 30kHz ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	25.21	/	26.00
		1	137	/	25.26	/	26.00
		1	271	/	25.07	/	26.00
		135	0	/	21.74	/	22.50
		135	69	/	25.23	/	26.00
		135	138	/	21.71	/	22.50
		270	0	/	24.28	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	24.24	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	23.77	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	25.30	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	25.28	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	25.32	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	25.08	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	25.10	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	25.22	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	25.07	25.08	25.22	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up



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25MHz	DFT-s-OFDM QPSK	1	1	25.30	25.36	25.31	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.12	25.20	25.18	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.29	25.16	25.33	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.34	25.25	25.28	26.00

N78 PC2 30kHz ECI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	24.23	/	25.00
		1	137	/	24.30	/	25.00
		1	271	/	24.05	/	25.00
		135	0	/	20.73	/	21.50
		135	69	/	24.26	/	25.00
		135	138	/	20.72	/	21.50
		270	0	/	23.35	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.25	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.75	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.11	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.24	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	24.25	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	24.18	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	24.15	/	25.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.10	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.13	24.16	24.33	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	24.36	24.27	24.36	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.14	24.33	24.19	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.19	24.20	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.32	24.32	24.25	25.00

N78 PC2 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.77	/	23.50
		1	137	/	22.78	/	23.50
		1	271	/	22.61	/	23.50
		135	0	/	19.26	/	20.00
		135	69	/	22.67	/	23.50
		135	138	/	19.15	/	20.00
		270	0	/	21.74	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.67	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.16	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.74	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.88	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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70MHz	DFT-s-OFDM QPSK	1	1	/	22.88	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.89	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.68	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.62	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.88	22.92	22.73	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.70	22.63	22.86	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.62	22.71	22.88	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.92	22.63	22.80	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.62	22.86	22.92	23.50

N78 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.26	/	22.00
		1	137	/	21.19	/	22.00
		1	271	/	21.14	/	22.00
		135	0	/	17.77	/	18.50
		135	69	/	21.30	/	22.00
		135	138	/	17.76	/	18.50
		270	0	/	20.28	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.30	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.84	/	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.28	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.37	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.37	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.35	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.24	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.38	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.16	21.23	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	21.35	21.36	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.20	21.27	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	21.40	21.19	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.17	21.23	21.14	22.00



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4.3 Conducted Power of NR (Ant5)

N77 PC3_30kHz ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.92	/	24.00
		1	137	/	22.89	/	24.00
		1	271	/	22.94	/	24.00
		135	0	/	21.89	/	23.00
		135	69	/	22.88	/	24.00
		135	138	/	21.86	/	23.00
		270	0	/	21.88	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.83	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.31	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	22.80	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.85	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	23.00	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	22.81	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.87	22.79	22.93	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.02	22.99	22.85	24.00



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Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.01	23.03	22.81	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.84	22.93	22.89	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.92	22.86	22.84	24.00

N77 PC3 30kHz ECI 2/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	10.42	/	11.50
		1	137	/	10.39	/	11.50
		1	271	/	10.37	/	11.50
		135	0	/	9.34	/	10.50
		135	69	/	10.33	/	11.50
		135	138	/	9.42	/	10.50
	DFT-s-OFDM 16QAM	270	0	/	9.37	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	8.79	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	10.41	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	10.33	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	10.32	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	10.35	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	10.39	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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40MHz	DFT-s-OFDM QPSK	1	1	/	10.29	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	10.43	10.36	10.56	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635833	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	10.41	10.44	10.44	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.35	10.50	10.56	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	10.44	10.37	10.52	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	10.34	10.35	10.51	11.50

N77 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	13.00
		1	137	/	3500.01	/	13.00
		1	271	/	11.90	/	13.00
		135	0	/	11.84	/	13.00
		135	69	/	11.98	/	12.00
		135	138	/	10.84	/	13.00
		270	0	/	11.92	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	10.91	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	10.82	/	12.00
		1	1	/	10.89	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	10.37	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	11.94	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	12.05	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	12.03	/	13.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	11.83	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.05	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.81	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.86	12.03	12.05	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	12.04	11.78	11.79	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.82	12.00	11.84	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	11.94	11.94	12.02	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	11.90	11.91	11.79	13.00

N77 PC3_30kHz ECI 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.96	/	17.50
		1	137	/	16.95	/	17.50
		1	271	/	16.97	/	17.50
		135	0	/	15.91	/	16.50
		135	69	/	16.92	/	17.50
		135	138	/	15.94	/	16.50
		270	0	/	15.79	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.73	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.27	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	16.82	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.80	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.72	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.90	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.89	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.81	16.78	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.99	16.91	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.99	16.92	17.10	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.78	16.77	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.95	16.82	16.84	17.50

N77 PC2 30kHz ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.86	/	27.00
		1	137	/	25.83	/	27.00
		1	271	/	25.94	/	27.00
		135	0	/	22.38	/	23.50



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		135	69	/	25.83	/	27.00
		135	138	/	22.30	/	23.50
		270	0	/	24.83	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.85	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.31	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.84	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.74	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.97	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.81	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.91	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.96	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.77	25.80	25.90	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.77	25.75	25.96	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	25.83	25.80	25.98	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	25.76	25.72	25.90	27.00

N77 PC2 30kHz ECI 2/7	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.37	/	14.50
		1	137	/	13.33	/	14.50
		1	271	/	13.38	/	14.50
		135	0	/	9.84	/	11.00
		135	69	/	13.30	/	14.50
		135	138	/	9.84	/	11.00
	DFT-s-OFDM 16QAM	270	0	/	12.35	/	13.50
		1	1	/	12.27	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.81	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	13.53	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.49	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	13.40	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	13.26	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	13.38	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.38	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.51	13.27	13.40	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.46	13.50	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	13.27	13.43	13.53	14.50



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Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.53	13.34	13.43	14.50

N77 PC2 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	14.90	/	16.00
		1	137	/	14.86	/	16.00
		1	271	/	14.92	/	16.00
		135	0	/	11.33	/	12.50
		135	69	/	14.77	/	16.00
		135	138	/	11.33	/	12.50
		270	0	/	13.84	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.79	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	13.28	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	15.00	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	14.93	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	14.79	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	14.86	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	14.78	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	14.87	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.89	15.04	14.97	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up



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20MHz	DFT-s-OFDM QPSK	1	1	14.92	14.91	14.86	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.80	14.84	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.95	14.89	14.95	16.00

N77 PC2_30kHz ECI 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.85	/	20.50
		1	137	/	19.76	/	20.50
		1	271	/	19.97	/	20.50
		135	0	/	16.35	/	17.00
		135	69	/	19.75	/	20.50
		135	138	/	16.37	/	17.00
		270	0	/	18.91	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.82	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.37	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.91	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.66	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.81	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.87	/	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.73	19.79	19.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.97	20.05	19.98	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.91	20.03	19.90	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.90	19.90	19.86	20.50

N77 PC3 30kHz ECI 4				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.04	23.22	/	/	24.00
		1	137	/	/	23.15	23.23	/	/	24.00
		1	271	/	/	23.22	23.07	/	/	24.00
		135	0	/	/	22.15	22.16	/	/	23.00
		135	69	/	/	23.13	23.19	/	/	24.00
		135	138	/	/	22.12	22.22	/	/	23.00
		270	0	/	/	22.19	22.28	/	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	/	22.10	22.18	/	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	21.57	21.73	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	23.02	23.27	/	/	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	22.97	22.96	22.95	23.31	23.16	23.12	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	23.14	23.14	23.09	23.30	23.25	23.27	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	23.09	23.02	22.95	23.18	23.15	23.17	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	



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50MHz	DFT-s-OFDM QPSK	1	1	23.02	22.97	22.97	23.23	23.31	23.29	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.09	23.11	22.98	23.15	23.16	23.21	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.08	23.03	23.07	23.20	23.28	23.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.98	23.06	23.13	23.15	23.23	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.95	22.98	23.12	23.12	23.24	23.22	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.14	23.04	23.07	23.32	23.17	23.23	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.02	22.94	23.11	23.30	23.13	23.18	24.00

N77 PC3 30kHz ECI 2/7				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	11.50
		1	137	/	/	10.66	10.67	/	/	11.50
		1	271	/	/	10.77	10.52	/	/	11.50
		135	0	/	/	9.62	9.71	/	/	10.50
		135	69	/	/	10.56	10.66	/	/	11.50
		135	138	/	/	9.67	9.66	/	/	10.50
		270	0	/	/	9.70	9.85	/	/	10.50
	DFT-s-OFDM 16QAM	1	1	/	/	9.54	9.70	/	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	10.52	10.52	10.54	10.74	10.69	10.82	11.50



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Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	10.47	10.62	10.54	10.68	10.72	10.75	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	10.52	10.59	10.47	10.67	10.71	10.76	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	10.46	10.54	10.66	10.64	10.72	10.73	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	10.51	10.47	10.48	10.72	10.76	10.67	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	10.64	10.52	10.58	10.68	10.70	10.77	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	10.55	10.53	10.50	10.80	10.67	10.67	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.62	10.54	10.50	10.70	10.75	10.72	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	10.49	10.63	10.59	10.73	10.77	10.67	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	10.63	10.63	10.66	10.65	10.77	10.77	11.50

N77 PC3 30kHz ECI 3				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	13.00
		1	137	/	/	3822.00	3858.00	/	/	13.00
		1	271	/	/	12.21	12.05	/	/	13.00
		135	0	/	/	11.17	11.14	/	/	12.00
		135	69	/	/	12.09	12.15	/	/	13.00
		135	138	/	/	11.14	11.20	/	/	12.00
		270	0	/	/	11.25	11.27	/	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	/	11.10	11.14	/	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	



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100MHz	CP-OFDM QPSK	1	1	/	/	10.60	10.69	/	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	12.10	12.12	/	/	13.00
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	12.09	11.98	12.08	12.19	12.24	12.27	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	11.92	11.94	12.07	12.08	12.27	12.14	13.00
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	11.96	11.98	11.97	12.12	12.11	12.11	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	12.06	12.10	11.95	12.16	12.21	12.27	13.00
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	11.91	12.02	12.00	12.15	12.24	12.26	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	11.98	11.93	11.92	12.12	12.11	12.17	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	12.01	11.98	11.98	12.18	12.21	12.11	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	11.91	12.04	11.94	12.10	12.28	12.08	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	12.00	12.05	11.97	12.18	12.24	12.13	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	12.03	12.06	12.06	12.18	12.16	12.13	13.00

N77 PC3 30kHz ECI 12				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	



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100MHz	DFT-s-OFDM QPSK	1	1	/	/	16.59	16.75	/	/	17.50
		1	137	/	/	16.67	16.65	/	/	17.50
		1	271	/	/	16.77	16.54	/	/	17.50
		135	0	/	/	15.64	15.77	/	/	16.50
		135	69	/	/	16.51	16.67	/	/	17.50
		135	138	/	/	15.63	15.64	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	15.52	15.66	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	15.11	15.17	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	16.57	16.63	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.55	16.45	16.51	16.69	16.64	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.53	16.56	16.49	16.68	16.69	16.75	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.51	16.59	16.46	16.71	16.75	16.72	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.42	16.50	16.68	16.57	16.72	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.48	16.47	16.53	16.71	16.77	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.71	16.56	16.51	16.74	16.75	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.53	16.57	16.43	16.85	16.65	16.72	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.67	16.51	16.46	16.73	16.81	16.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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