

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

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15MHz	DFT-s-OFDM QPSK	1	1	16.43	16.63	16.62	16.74	16.70	16.73	17.50
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	16.67	16.66	16.63	16.68	16.78	16.76	17.50

N77 PC2 30kHz ECI 4				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	25.98	26.13	/	/	27.00
		1	137	/	/	26.22	26.23	/	/	27.00
		1	271	/	/	26.21	26.11	/	/	27.00
		135	0	/	/	22.73	22.74	/	/	23.50
		135	69	/	/	26.19	26.22	/	/	27.00
		135	138	/	/	22.74	22.74	/	/	23.50
		270	0	/	/	25.18	25.22	/	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	/	25.15	25.23	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	24.60	24.75	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	25.99	26.21	/	/	27.00
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	25.88	25.98	25.94	26.16	26.10	26.17	27.00
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	25.97	26.08	26.02	26.10	26.12	26.03	27.00
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	26.04	25.88	26.07	26.16	26.22	26.14	27.00
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	25.98	25.93	26.01	26.05	26.10	26.15	27.00
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	26.03	26.06	25.99	26.17	26.06	26.12	27.00
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	26.02	26.08	26.08	26.07	26.16	26.03	27.00



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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	25.91	25.89	26.04	26.12	26.07	26.11	27.00
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	25.90	26.03	26.03	26.21	26.05	26.10	27.00
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	26.04	26.02	26.04	26.23	26.19	26.20	27.00
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	25.89	25.97	26.05	26.07	26.15	26.13	27.00

N77 PC2 30kHz ECI 2/7				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	14.50
		1	137	/	/	13.53	13.57	/	/	14.50
		1	271	/	/	13.69	13.78	/	/	14.50
		135	0	/	/	13.67	13.57	/	/	14.50
		135	69	/	/	10.20	10.31	/	/	11.00
		135	138	/	/	13.65	13.75	/	/	14.50
		270	0	/	/	10.20	10.29	/	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	/	12.62	12.74	/	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	654800	657200	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	654734	657268	Channel /	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	14.50
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	13.45	13.62	13.60	13.55	13.65	13.55	14.50
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	13.51	13.52	13.48	13.66	13.63	13.61	14.50
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	13.60	13.61	13.62	13.50	13.60	13.48	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up



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50MHz	DFT-s-OFDM QPSK	1	1	13.44	13.59	13.50	13.58	13.64	13.65	14.50
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	13.54	13.50	13.51	13.51	13.66	13.55	14.50
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	13.63	13.58	13.62	13.64	13.48	13.54	14.50
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	13.47	13.50	13.60	13.64	13.47	13.47	14.50
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	13.45	13.50	13.45	13.61	13.52	13.61	14.50
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	13.63	13.46	13.48	13.50	13.60	13.60	14.50
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	13.45	13.53	13.57	13.55	13.66	13.48	14.50

N77 PC2 30kHz ECI 3				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	/	/	16.00
		1	137	/	/	14.93	15.14	/	/	16.00
		1	271	/	/	15.20	15.25	/	/	16.00
		135	0	/	/	15.18	15.15	/	/	16.00
		135	69	/	/	11.77	11.67	/	/	12.50
		135	69	/	/	15.25	15.26	/	/	16.00
		135	138	/	/	11.72	11.79	/	/	12.50
		270	0	/	/	14.21	14.20	/	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	/	14.23	14.27	/	/	15.00
		1	1	/	/	14.23	14.27	/	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654734	657268	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	14.95	15.08	/	/	16.00
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	15.01	15.01	14.83	15.16	15.13	15.11	16.00



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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	15.03	14.98	14.93	15.10	15.09	15.12	16.00
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	14.92	15.03	14.90	15.20	15.23	15.23	16.00
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	14.86	14.98	14.85	15.13	15.23	15.13	16.00
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	14.96	14.84	14.88	15.12	15.20	15.10	16.00
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	14.90	15.00	14.96	15.24	15.19	15.18	16.00
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	14.86	14.84	14.89	15.07	15.04	15.10	16.00
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	15.01	14.95	14.92	15.23	15.20	15.11	16.00
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	15.00	14.88	14.84	15.24	15.15	15.11	16.00
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	14.87	14.92	14.89	15.18	15.09	15.16	16.00

N77 PC2 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	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.48	19.54	/	/	20.50
		1	137	/	/	19.74	19.81	/	/	20.50
		1	271	/	/	19.67	19.58	/	/	20.50
		135	0	/	/	16.19	16.33	/	/	17.00
		135	69	/	/	19.59	19.80	/	/	20.50
		135	138	/	/	16.18	16.31	/	/	17.00
		270	0	/	/	18.64	18.71	/	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	/	18.74	18.58	/	/	19.50
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	/	/	18.34	18.13	/	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	19.61	19.47	/	/	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	19.52	19.58	19.61	19.57	19.63	19.57	20.50
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	19.51	19.48	19.54	19.67	19.68	19.55	20.50
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	19.54	19.54	19.65	19.50	19.66	19.41	20.50
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	19.50	19.52	19.47	19.62	19.71	19.62	20.50
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	19.55	19.43	19.58	19.57	19.68	19.56	20.50
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	19.64	19.59	19.55	19.67	19.46	19.50	20.50
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	19.52	19.49	19.60	19.66	19.44	19.41	20.50
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	19.39	19.49	19.45	19.56	19.56	19.61	20.50
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	19.64	19.50	19.50	19.46	19.55	19.67	20.50
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	19.49	19.50	19.62	19.55	19.70	19.44	20.50

N78 PC3_30kHz ECI 4				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	/	22.94	/	24.00
		1	137	/	22.88	/	24.00
		1	271	/	23.05	/	24.00
		135	0	/	21.98	/	23.00
		135	69	/	22.98	/	24.00
		135	138	/	21.95	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.93	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.45	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	23.08	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.84	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	22.84	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	22.86	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.92	23.02	22.99	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.87	23.01	22.99	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.03	22.80	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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15MHz	DFT-s-OFDM QPSK	1	1	22.82	22.92	22.92	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.82	22.95	22.94	24.00

N78 PC3 30kHz ECI 2/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	10.45	/	11.50
		1	137	/	10.43	/	11.50
		1	271	/	10.53	/	11.50
		135	0	/	9.43	/	10.50
		135	69	/	10.51	/	11.50
		135	138	/	9.47	/	10.50
		270	0	/	9.58	/	10.50
	DFT-s-OFDM 16QAM	1	1	/	9.55	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.03	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	10.40	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	10.50	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	10.33	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	10.35	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	10.56	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	10.35	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	10.41	10.47	10.43	11.50



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Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635833	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	10.38	10.54	10.49	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	10.32	10.33	10.60	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	10.55	10.56	10.47	11.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	10.37	10.48	10.38	11.50

N78 PC3 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	/	11.94	/	13.00
		1	137	/	11.95	/	13.00
		1	271	/	12.11	/	13.00
		135	0	/	11.05	/	12.00
		135	69	/	11.98	/	13.00
		135	138	/	10.91	/	12.00
		270	0	/	10.97	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	10.96	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	10.46	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	12.03	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	11.89	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	11.89	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	11.89	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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50MHz	DFT-s-OFDM QPSK	1	1	/	12.09	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.89	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.99	12.00	11.86	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	11.86	11.85	11.92	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.97	11.88	12.03	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	12.05	12.00	11.95	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	11.88	11.92	12.04	13.00

N78 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	/	16.50	/	17.50
		1	137	/	16.37	/	17.50
		1	271	/	16.54	/	17.50
		135	0	/	15.48	/	16.50
		135	69	/	16.48	/	17.50
		135	138	/	15.43	/	16.50
		270	0	/	15.54	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.48	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.04	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.47	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.43	/	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.26	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.38	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.59	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.42	16.40	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.45	16.58	16.46	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.34	16.27	16.58	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.52	16.54	16.40	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.38	16.52	16.42	17.50

N78 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	/	25.92	/	27.00
		1	137	/	25.86	/	27.00
		1	271	/	26.04	/	27.00
		135	0	/	22.48	/	23.50
		135	69	/	25.94	/	27.00
		135	138	/	22.46	/	23.50
		270	0	/	24.91	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.99	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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100MHz	CP-OFDM QPSK	1	1	/	24.45	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.79	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.98	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.82	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.96	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.78	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.91	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	25.92	26.06	26.01	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.83	25.96	25.80	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	25.93	25.85	25.91	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	26.06	26.02	26.06	27.00

N78 PC2 30kHz ECI 2/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.41	/	14.50
		1	137	/	13.39	/	14.50
		1	271	/	13.54	/	14.50
		135	0	/	10.05	/	11.00
		135	69	/	13.51	/	14.50



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		135	138	/	9.97	/	11.00
		270	0	/	12.35	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.51	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	13.49	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	13.41	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	13.56	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	13.48	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	13.49	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	13.47	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.43	13.30	13.45	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.56	13.33	13.27	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.56	13.42	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.43	13.28	13.47	14.50

N78 PC2 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.85	/	16.00
		1	137	/	14.80	/	16.00
		1	271	/	15.02	/	16.00
		135	0	/	11.42	/	12.50
		135	69	/	14.89	/	16.00
		135	138	/	11.43	/	12.50
		270	0	/	13.85	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.85	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.89	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.73	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.74	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.75	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.96	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.84	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.82	14.72	14.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.92	14.88	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	14.71	14.92	14.97	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	14.91	14.79	14.98	16.00

N78 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	/	19.41	/	20.50
		1	137	/	19.32	/	20.50
		1	271	/	19.58	/	20.50
		135	0	/	16.12	/	17.00
		135	69	/	19.50	/	20.50
		135	138	/	15.95	/	17.00
		270	0	/	18.32	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.56	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.95	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.36	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.51	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.43	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.54	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.41	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.42	19.31	19.42	20.50
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	19.54	19.29	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.53	19.45	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.49	19.32	19.45	20.50

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	/	22.87	/	24.00
		1	137	/	22.84	/	24.00
		1	271	/	23.07	/	24.00
		135	0	/	21.87	/	23.00
		135	69	/	22.83	/	24.00
		135	138	/	21.86	/	23.00
		270	0	/	21.69	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.88	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.37	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.99	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.74	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.88	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.86	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.99	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.00	/	24.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.75	22.99	22.88	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.92	22.95	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.84	22.93	22.76	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.80	22.74	22.89	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.84	22.87	22.81	24.00

N78 PC3 30kHz ECI 2/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	10.31	/	11.50
		1	137	/	10.39	/	11.50
		1	271	/	10.51	/	11.50
		135	0	/	9.42	/	10.50
		135	69	/	10.34	/	11.50
		135	138	/	9.33	/	10.50
		270	0	/	9.19	/	10.50
	DFT-s-OFDM 16QAM	1	1	/	9.39	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	8.90	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	10.41	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	10.46	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	10.43	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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60MHz	DFT-s-OFDM QPSK	1	1	/	10.37	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	10.17	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	10.25	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	10.35	10.40	10.23	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	10.22	10.34	10.17	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	10.18	10.34	10.42	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	10.22	10.42	10.44	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	10.17	10.40	10.18	11.50

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	/	11.86	/	13.00
		1	137	/	11.85	/	13.00
		1	271	/	12.13	/	13.00
		135	0	/	10.92	/	12.00
		135	69	/	11.78	/	13.00
		135	138	/	10.87	/	12.00
		270	0	/	10.68	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	10.80	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.28	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	11.73	/	13.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	11.82	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	11.79	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	11.74	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	11.87	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.74	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.89	11.99	12.00	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	11.85	11.93	11.92	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	11.94	12.00	11.80	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	11.99	11.83	11.84	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	11.98	11.88	11.91	13.00

N78 PC3_30kHz ECI 12				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.25	/	17.50
		1	137	/	16.45	/	17.50
		1	271	/	16.50	/	17.50
		135	0	/	15.49	/	16.50
		135	69	/	16.38	/	17.50
		135	138	/	15.40	/	16.50
		270	0	/	15.21	/	16.50



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	DFT-s-OFDM 16QAM	1	1	/	15.45	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	14.89	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	16.36	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.51	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	16.48	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.41	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	16.17	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	16.18	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.35	16.42	16.30	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.22	16.34	16.10	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.13	16.32	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.17	16.42	16.39	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.14	16.42	16.11	17.50



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N78 PC2 30kHz ECI 4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.90	/	27.00
		1	137	/	25.82	/	27.00
		1	271	/	26.04	/	27.00
		135	0	/	22.34	/	23.50
		135	69	/	25.86	/	27.00
		135	138	/	22.35	/	23.50
		270	0	/	24.76	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.87	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.39	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.77	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	26.02	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.81	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.97	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.85	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.82	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.78	25.98	26.02	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	25.95	26.00	26.04	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	



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20MHz	DFT-s-OFDM QPSK	1	1	25.81	26.05	25.83	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.02	25.88	25.91	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.75	25.83	25.76	27.00

N78 PC2 30kHz ECI 2/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.41	/	14.50
		1	137	/	13.27	/	14.50
		1	271	/	13.51	/	14.50
		135	0	/	9.78	/	11.00
		135	69	/	13.42	/	14.50
		135	138	/	9.84	/	11.00
		270	0	/	12.23	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.38	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.83	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	13.37	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.35	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	13.46	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	13.28	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	13.41	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.29	/	14.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.27	13.56	13.39	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	13.32	13.42	13.31	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	13.41	13.34	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	13.54	13.53	13.36	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	13.29	13.40	13.37	14.50

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	/	14.93	/	16.00
		1	137	/	14.88	/	16.00
		1	271	/	15.03	/	16.00
		135	0	/	11.29	/	12.50
		135	69	/	14.88	/	16.00
		135	138	/	11.35	/	12.50
		270	0	/	13.73	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.83	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.30	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.94	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.07	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.00	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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60MHz	DFT-s-OFDM QPSK	1	1	/	14.79	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.87	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.99	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.99	15.06	14.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.00	15.00	15.02	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.85	14.79	14.78	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.06	15.04	14.98	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	14.81	14.98	14.98	16.00

N78 PC2 30kHz ECI 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.38	/	20.50
		1	137	/	19.31	/	20.50
		1	271	/	19.46	/	20.50
		135	0	/	15.76	/	17.00
		135	69	/	19.39	/	20.50
		135	138	/	15.91	/	17.00
		270	0	/	18.17	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.40	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.87	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.32	/	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.36	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.43	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.33	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.41	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.36	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.26	19.49	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	19.29	19.45	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.39	19.37	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	19.55	19.47	19.42	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.35	19.43	19.37	20.50



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4.4 Conducted Power of NR (Ant8)

N77 PC3_30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.17	/	24.00
		1	137	/	22.25	/	24.00
		1	271	/	22.37	/	24.00
		135	0	/	21.44	/	23.00
		135	69	/	22.41	/	24.00
		135	138	/	21.45	/	23.00
		270	0	/	21.26	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.38	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	22.50
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	22.07	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	22.04	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	22.16	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	22.12	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	22.25	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	22.26	/	24.00
				/	633334	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.15	22.10	22.11	24.00
				631001	633334	635667	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.29	22.10	22.13	24.00
				630668	633334	636000	



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Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.30	22.27	22.16	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.24	22.06	22.28	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.04	22.85	22.84	24.00

N77 PC3 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	/	14.18	/	16.00
		1	137	/	14.29	/	16.00
		1	271	/	14.39	/	16.00
		135	0	/	13.46	/	15.00
		135	69	/	14.39	/	16.00
		135	138	/	13.52	/	15.00
	DFT-s-OFDM 16QAM	270	0	/	13.25	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.85	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	14.19	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	14.27	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	14.11	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	14.26	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	14.17	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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40MHz	DFT-s-OFDM QPSK	1	1	/	14.19	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.04	14.06	14.04	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635833	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	14.03	14.08	14.11	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.21	14.10	14.07	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.31	14.05	14.15	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.05	14.27	14.08	16.00

N77 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	14.50
		1	137	/	12.60	/	14.50
		1	271	/	12.82	/	14.50
		135	0	/	12.80	/	14.50
		135	69	/	11.95	/	13.50
		135	138	/	12.91	/	14.50
		270	0	/	11.95	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	11.83	/	13.50
	CP-OFDM QPSK	1	1	/	11.96	/	13.50
		1	1	/	11.48	/	13.00
100MHz	CP-OFDM QPSK	1	1	/	11.48	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 633334	Channel 633334	Channel 633334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	12.67	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 633334	Channel 633334	Channel 633334	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	12.58	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 633334	Channel 633334	Channel 633334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	12.54	/	14.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.56	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.50	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.68	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.71	12.52	12.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	12.60	12.53	12.64	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.69	12.53	12.52	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	12.56	12.54	12.55	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	12.60	12.65	12.58	14.50

N77 PC2 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	25.22	/	27.00
		1	137	/	25.32	/	27.00
		1	271	/	25.33	/	27.00
		135	0	/	21.87	/	23.50
		135	69	/	25.34	/	27.00
		135	138	/	21.82	/	23.50
		270	0	/	24.28	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.30	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.81	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	25.31	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.08	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	25.25	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.33	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.18	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.08	/	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	25.34	25.19	25.28	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.15	25.14	25.22	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	25.11	25.08	25.16	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	25.22	25.30	25.20	27.00

N77 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	/	17.28	/	19.00
		1	137	/	17.30	/	19.00
		1	271	/	17.31	/	19.00
		135	0	/	13.82	/	15.50
		135	69	/	17.28	/	19.00
		135	138	/	13.86	/	15.50
		270	0	/	16.22	/	18.00



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	DFT-s-OFDM 16QAM	1	1	/	16.27	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.28	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	17.28	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	17.23	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.22	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	17.20	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.35	17.22	17.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.39	17.42	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.37	17.23	17.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.21	17.21	17.31	19.00

N77 PC2_30kHz ECI 7				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	/	15.71	/	17.50
		1	137	/	15.86	/	17.50
		1	271	/	16.03	/	17.50
		135	0	/	12.39	/	14.00
		135	69	/	16.00	/	17.50
		135	138	/	12.37	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	14.89	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	14.37	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.80	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.79	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.78	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.59	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.59	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.81	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.64	15.65	15.63	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.74	15.67	15.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.74	15.69	15.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	



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10MHz	DFT-s-OFDM QPSK	1	1	15.66	15.66	15.68	17.50
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N77 PC3 30kHz ECI 2/4				Conducted Power(dBm)					
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	/	/	22.21	22.31	/	/
		1	137	/	/	22.53	22.40	/	/
		1	271	/	/	22.24	22.29	/	/
		135	0	/	/	21.45	21.41	/	/
		135	69	/	/	22.48	22.40	/	/
		135	138	/	/	21.46	21.43	/	/
		270	0	/	/	21.45	21.46	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	21.46	21.39	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel
				/	/	3822.00	3858.00	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	20.95	20.84	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				/	/	654734	657268	/	/
90MHz	DFT-s-OFDM QPSK	1	1	/	/	22.16	22.25	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	22.29	22.14	22.16	22.30	22.37	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649001	651800	654601	657401	660200	662999
70MHz	DFT-s-OFDM QPSK	1	1	22.30	22.29	22.13	22.25	22.23	22.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	22.15	22.23	22.21	22.29	22.39	22.33
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648334	651400	654468	657534	660600	663666
50MHz	DFT-s-OFDM QPSK	1	1	22.31	22.25	22.29	22.21	22.33	22.24
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM QPSK	1	1	22.13	22.26	22.15	22.34	22.30	22.35
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647666	651000	654332	657666	661000	664334
30MHz	DFT-s-OFDM QPSK	1	1	22.20	22.27	22.21	22.26	22.24	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				647499	650900	654298	657699	661100	664501
25MHz	DFT-s-OFDM QPSK	1	1	22.16	22.28	22.26	22.39	22.36	22.33



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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	22.23	22.14	22.18	22.26	22.37	22.24	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	22.16	22.29	22.21	22.33	22.37	22.30	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	22.28	22.21	22.11	22.37	22.41	22.39	24.00

N77 PC3 30kHz ECI 3				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	/	/	16.00
		1	137	/	/	3822.00	3858.00	/	/	16.00
		1	271	/	/	14.22	14.33	/	/	16.00
		135	0	/	/	14.59	14.40	/	/	16.00
		135	69	/	/	14.30	14.31	/	/	15.00
		135	138	/	/	14.49	14.36	/	/	16.00
		270	0	/	/	13.53	13.32	/	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	/	13.41	13.42	/	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654734	657268	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	649334	652000	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	14.30	14.16	654668	657334	660000	662666	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	649001	651800	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	14.14	14.18	654601	657401	660200	662999	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	648668	651600	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.19	14.25	654534	657468	660400	663332	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	648334	651400	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.30	14.14	654468	657534	660600	663666	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	648000	651200	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	



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40MHz	DFT-s-OFDM QPSK	1	1	14.19	14.32	14.21	14.25	14.29	14.38	16.00
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	14.19	14.14	14.22	14.35	14.26	14.37	16.00
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	14.12	14.25	14.24	14.30	14.43	14.37	16.00
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	14.24	14.21	14.29	14.34	14.37	14.36	16.00
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	14.29	14.31	14.19	14.28	14.40	14.34	16.00
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	14.17	14.30	14.22	14.34	14.36	14.30	16.00

N77 PC3 30kHz ECI 7				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	12.64	12.75	/	/	14.50
		1	137	/	/	12.99	12.90	/	/	14.50
		1	271	/	/	12.81	12.85	/	/	14.50
		135	0	/	/	12.01	11.92	/	/	13.50
		135	69	/	/	12.93	12.84	/	/	14.50
		135	138	/	/	11.91	11.91	/	/	13.50
		270	0	/	/	11.99	11.99	/	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	/	11.95	11.80	/	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	11.45	11.25	/	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	12.57	12.71	/	/	14.50
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	12.71	12.66	12.65	12.81	12.76	12.69	14.50
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	12.56	12.61	12.55	12.71	12.69	12.78	14.50



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