

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

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70MHz	DFT-s-OFDM QPSK	1	1	16.26	16.28	16.09	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.23	16.17	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.24	16.11	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.27	16.18	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.23	16.07	16.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.21	16.20	16.08	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.26	16.17	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.13	16.14	16.14	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.13	16.19	16.08	17.50



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N78 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.81	/	17.00
		1	137	/	15.70	/	17.00
		1	271	/	16.26	/	17.00
		135	0	/	15.12	/	16.50
		135	69	/	15.68	/	17.00
		135	138	/	15.22	/	16.50
		270	0	/	15.23	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.84	/	17.00
		1	137	/	15.71	/	17.00
		1	271	/	16.12	/	17.00
		135	0	/	14.59	/	16.00
		135	69	/	15.58	/	17.00
		135	138	/	14.80	/	16.00
		270	0	/	14.67	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.78	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.37	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.34	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.10	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.69	15.85	15.89	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.72	15.77	15.94	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	15.68	15.84	15.87	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.67	15.82	15.90	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.66	15.86	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.65	15.82	15.91	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.64	15.80	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.87	15.89	15.93	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.70	15.85	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.64	15.76	15.85	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	15.63	15.88	15.85	17.00



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N78 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.79	/	16.00
		1	137	/	14.76	/	16.00
		1	271	/	15.16	/	16.00
		135	0	/	14.10	/	15.50
		135	69	/	14.65	/	16.00
		135	138	/	14.28	/	15.50
		270	0	/	14.17	/	15.50
	DFT-s-OFDM QPSK	1	1	/	14.79	/	16.00
		1	137	/	14.64	/	16.00
		1	271	/	15.10	/	16.00
		135	0	/	13.65	/	15.00
		135	69	/	14.59	/	16.00
		135	138	/	13.85	/	15.00
		270	0	/	13.65	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.85	/	15.00
	DFT-s-OFDM 64QAM	1	1	/	12.32	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	10.25	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.12	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.77	14.80	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.69	14.79	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	14.71	14.87	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	14.75	14.85	14.98	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	14.64	14.79	14.99	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	14.69	14.73	14.98	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.68	14.75	14.96	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	14.80	14.99	14.90	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.78	14.90	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	14.66	14.73	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	14.67	14.86	14.84	16.00



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N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.28	/	23.50
		1	137	/	22.23	/	23.50
		1	271	/	22.71	/	23.50
		135	0	/	21.63	/	23.00
		135	69	/	22.16	/	23.50
		135	138	/	21.73	/	23.00
		270	0	/	21.69	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.32	/	23.50
		1	137	/	22.18	/	23.50
		1	271	/	22.62	/	23.50
		135	0	/	21.12	/	22.50
		135	69	/	22.06	/	23.50
		135	138	/	21.30	/	22.50
		270	0	/	21.17	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.33	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.83	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.79	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.59	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.22	22.34	22.36	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.20	22.31	22.39	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	22.17	22.37	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.21	22.30	22.45	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.16	22.32	22.46	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.18	22.28	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.19	22.29	22.46	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.32	22.44	22.41	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.24	22.39	22.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.16	22.27	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.17	22.36	22.36	23.50



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SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.75	/	20.00
		1	137	/	18.77	/	20.00
		1	271	/	19.20	/	20.00
		135	0	/	18.11	/	19.50
		135	69	/	18.65	/	20.00
		135	138	/	18.23	/	19.50
		270	0	/	18.20	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.85	/	20.00
		1	137	/	18.73	/	20.00
		1	271	/	19.14	/	20.00
		135	0	/	17.59	/	19.00
		135	69	/	18.57	/	20.00
		135	138	/	17.80	/	19.00
		270	0	/	17.64	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.82	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.29	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.30	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.11	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.68	18.80	18.84	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.65	18.79	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	18.67	18.82	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.67	18.77	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.64	18.81	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.72	18.81	18.94	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.64	18.78	18.91	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	18.77	18.97	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.78	18.87	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	18.68	18.74	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.68	18.86	18.90	20.00



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N78 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.24	/	17.50
		1	137	/	16.21	/	17.50
		1	271	/	16.73	/	17.50
		135	0	/	15.68	/	17.00
		135	69	/	16.19	/	17.50
		135	138	/	15.76	/	17.00
		270	0	/	15.71	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.28	/	17.50
		1	137	/	16.15	/	17.50
		1	271	/	16.61	/	17.50
		135	0	/	15.07	/	16.50
		135	69	/	16.08	/	17.50
		135	138	/	15.34	/	16.50
		270	0	/	15.21	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.37	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.86	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	11.80	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.61	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.19	16.29	16.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.20	16.29	16.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	16.14	16.40	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.19	16.25	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.18	16.32	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.15	16.28	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.15	16.28	16.41	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	16.32	16.48	16.46	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.42	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	16.20	16.30	16.37	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.22	16.39	16.33	17.50



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8.2 Conducted Power of NR Antenna (Ant12)

N77 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.35	/	18.00
		1	137	/	17.27	/	18.00
		1	271	/	17.48	/	18.00
		135	0	/	16.78	/	17.50
		135	69	/	17.28	/	18.00
		135	138	/	16.67	/	17.50
		270	0	/	16.82	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.42	/	18.00
		1	137	/	17.32	/	18.00
		1	271	/	17.44	/	18.00
		135	0	/	16.34	/	17.00
		135	69	/	17.34	/	18.00
		135	138	/	16.28	/	17.00
		270	0	/	16.30	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.49	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.96	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.96	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.87	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.27	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.16	17.34	17.41	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	17.40	17.31	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.22	17.36	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.30	17.19	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.37	17.37	17.29	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.24	17.39	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.28	17.20	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.24	17.15	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.19	17.33	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.40	17.25	17.39	18.00



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N77 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.35	/	17.00
		1	137	/	16.29	/	17.00
		1	271	/	16.47	/	17.00
		135	0	/	15.82	/	16.50
		135	69	/	16.28	/	17.00
		135	138	/	15.67	/	16.50
		270	0	/	15.85	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.43	/	17.00
		1	137	/	16.36	/	17.00
		1	271	/	16.42	/	17.00
		135	0	/	15.31	/	16.00
		135	69	/	16.29	/	17.00
		135	138	/	15.20	/	16.00
		270	0	/	15.22	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.44	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	14.03	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.89	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.83	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.35	16.33	16.43	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.16	16.33	16.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	16.37	16.22	16.36	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.29	16.28	16.39	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.27	16.25	16.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.28	16.32	16.34	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.29	16.42	16.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.26	16.21	16.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.23	16.20	16.33	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.28	16.35	16.28	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.37	16.27	16.46	17.00



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N77 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.82	/	23.50
		1	137	/	22.78	/	23.50
		1	271	/	23.01	/	23.50
		135	0	/	22.29	/	23.00
		135	69	/	22.78	/	23.50
		135	138	/	22.16	/	23.00
		270	0	/	22.36	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.91	/	23.50
		1	137	/	22.86	/	23.50
		1	271	/	22.93	/	23.50
		135	0	/	21.85	/	22.50
		135	69	/	22.81	/	23.50
		135	138	/	21.74	/	22.50
		270	0	/	21.77	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.98	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.50	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.44	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.38	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.81	22.79	22.90	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.71	22.81	22.94	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	22.89	22.76	22.89	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.74	22.83	22.92	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.79	22.73	22.86	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.82	22.83	22.80	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.78	22.88	22.81	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.77	22.72	22.90	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.71	22.69	22.86	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.73	22.85	22.81	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.91	22.76	22.91	23.50



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N77 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.31	/	20.00
		1	137	/	19.28	/	20.00
		1	271	/	19.56	/	20.00
		135	0	/	18.74	/	19.50
		135	69	/	19.33	/	20.00
		135	138	/	18.65	/	19.50
		270	0	/	18.90	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.41	/	20.00
		1	137	/	19.41	/	20.00
		1	271	/	19.45	/	20.00
		135	0	/	18.36	/	19.00
		135	69	/	19.34	/	20.00
		135	138	/	18.26	/	19.00
		270	0	/	18.23	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.46	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.03	/	17.50
DFT-s-OFDM 256QAM	1	1	/	14.92	/	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.84	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.33	19.29	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.24	19.33	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	19.39	19.26	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.22	19.38	19.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.27	19.24	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.36	19.33	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.28	19.43	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.30	19.22	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.22	19.15	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.24	19.40	19.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.45	19.25	19.42	20.00



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N77 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.79	/	18.50
		1	137	/	17.75	/	18.50
		1	271	/	17.97	/	18.50
		135	0	/	17.31	/	18.00
		135	69	/	17.74	/	18.50
		135	138	/	17.17	/	18.00
		270	0	/	17.37	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.88	/	18.50
		1	137	/	17.87	/	18.50
		1	271	/	17.89	/	18.50
		135	0	/	16.86	/	17.50
		135	69	/	17.76	/	18.50
		135	138	/	16.79	/	17.50
		270	0	/	16.75	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.95	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.48	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.49	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.38	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.83	17.75	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.70	17.77	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	17.87	17.79	17.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.78	17.83	17.93	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.75	17.69	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.83	17.87	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.74	17.91	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.79	17.76	17.88	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.73	17.65	17.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.72	17.80	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.87	17.76	17.94	18.50



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N77 PC3 DSI 2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.32	17.46	17.57	17.53	17.56	17.47	18.00
		1	137	17.34	17.62	17.54	17.61	17.56	17.22	18.00
		1	271	17.20	17.51	17.50	17.32	17.21	17.23	18.00
		135	0	16.77	17.02	16.89	17.04	16.86	16.76	17.50
		135	69	17.25	17.37	17.53	17.49	17.35	17.00	18.00
		135	138	16.63	17.05	16.90	16.80	16.57	16.45	17.50
		270	0	16.58	16.91	17.14	16.77	16.81	16.75	17.50
	DFT-s-OFDM QPSK	1	1	17.25	17.34	17.54	17.60	17.68	17.44	18.00
		1	137	17.28	17.49	17.61	17.71	17.53	17.31	18.00
		1	271	17.31	17.68	17.59	17.40	17.21	17.16	18.00
		135	0	16.19	16.34	16.43	16.46	16.45	16.23	17.00
		135	69	17.24	17.36	17.46	17.56	17.30	17.04	18.00
		135	138	16.13	16.48	16.44	16.35	16.17	15.98	17.00
		270	0	16.18	16.45	16.46	16.34	16.30	16.08	17.00
	DFT-s-OFDM 16QAM	1	1	16.29	16.52	16.57	16.51	16.73	16.54	17.00
	DFT-s-OFDM 64QAM	1	1	14.77	14.89	14.99	15.07	15.25	14.87	15.50
	DFT-s-OFDM 256QAM	1	1	12.72	12.91	12.98	13.20	13.20	12.97	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	15.58	15.88	15.98	15.92	16.05	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.14	17.44	17.52	17.44	17.29	16.98	18.00
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	17.16	17.52	17.49	17.57	17.25	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	17.10	17.31	17.51	17.48	17.39	17.07	18.00
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	17.17	17.40	17.47	17.56	17.32	16.97	18.00
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	17.31	17.46	17.46	17.63	17.23	17.06	18.00
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	17.32	17.50	17.43	17.55	17.37	17.13	18.00
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	17.13	17.33	17.52	17.55	17.28	17.14	18.00
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	17.29	17.53	17.56	17.58	17.39	17.20	18.00
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	17.30	17.44	17.58	17.62	17.36	17.14	18.00
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	17.26	17.45	17.45	17.49	17.44	17.10	18.00
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	17.22	17.27	17.35	17.56	17.47	16.98	18.00



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N77 PC3 DSI 3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.27	16.49	16.58	16.59	16.63	16.47	17.00
		1	137	16.30	16.54	16.55	16.63	16.53	16.22	17.00
		1	271	16.23	16.51	16.57	16.41	16.27	16.29	17.00
		135	0	15.83	16.04	15.82	16.03	15.94	15.74	16.50
		135	69	16.24	16.39	16.60	16.49	16.33	16.05	17.00
		135	138	15.66	16.03	15.96	15.78	15.58	15.54	16.50
		270	0	15.58	15.92	16.13	15.85	15.80	15.75	16.50
	DFT-s-OFDM QPSK	1	1	16.17	16.36	16.51	16.57	16.60	16.42	17.00
		1	137	16.30	16.49	16.63	16.74	16.46	16.28	17.00
		1	271	16.21	16.61	16.59	16.30	16.18	16.26	17.00
		135	0	15.24	15.44	15.42	15.42	15.50	15.29	16.00
		135	69	16.17	16.43	16.50	16.49	16.35	16.07	17.00
		135	138	15.07	15.52	15.46	15.38	15.10	14.98	16.00
		270	0	15.18	15.38	15.49	15.40	15.25	15.14	16.00
	DFT-s-OFDM 16QAM	1	1	15.21	15.48	15.58	15.57	15.74	15.60	16.00
	DFT-s-OFDM 64QAM	1	1	13.75	13.92	13.94	14.13	14.29	13.88	14.50
	DFT-s-OFDM 256QAM	1	1	11.78	11.96	12.03	12.11	12.13	11.97	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	14.63	14.85	14.91	14.86	15.11	14.91	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	16.15	16.41	16.60	16.47	16.35	15.92	17.00
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	16.21	16.49	16.46	16.60	16.28	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	16.09	16.29	16.49	16.48	16.45	16.11	17.00
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	16.25	16.35	16.45	16.56	16.32	16.00	17.00
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	16.24	16.48	16.48	16.58	16.32	16.08	17.00
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	16.27	16.47	16.44	16.56	16.36	16.12	17.00
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	16.13	16.35	16.42	16.56	16.25	16.08	17.00
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	16.34	16.44	16.58	16.56	16.34	16.14	17.00
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	16.28	16.43	16.56	16.57	16.40	16.17	17.00
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	16.25	16.47	16.40	16.46	16.45	16.05	17.00
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	16.31	16.30	16.43	16.53	16.47	16.05	17.00



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N77 PC3 DSI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.80	22.95	23.10	23.07	23.08	22.97	23.50
		1	137	22.81	23.08	23.03	23.15	23.04	22.76	23.50
		1	271	22.74	23.04	23.02	22.86	22.75	22.75	23.50
		135	0	22.29	22.49	22.37	22.49	22.39	22.26	23.00
		135	69	22.76	22.90	23.05	22.97	22.81	22.52	23.50
		135	138	22.14	22.51	22.42	22.30	22.04	22.00	23.00
		270	0	22.11	22.40	22.59	22.32	22.31	22.21	23.00
	DFT-s-OFDM QPSK	1	1	22.72	22.86	23.00	23.06	23.15	22.95	23.50
		1	137	22.82	23.02	23.13	23.24	22.99	22.78	23.50
		1	271	22.76	23.13	23.06	22.85	22.71	22.71	23.50
		135	0	21.74	21.89	21.95	21.97	21.96	21.75	22.50
		135	69	22.70	22.89	22.97	23.03	22.84	22.55	23.50
		135	138	21.61	21.99	21.99	21.84	21.63	21.50	22.50
		270	0	21.63	21.92	21.99	21.88	21.79	21.62	22.50
	DFT-s-OFDM 16QAM	1	1	21.76	22.02	22.03	22.04	22.24	22.05	22.50
	DFT-s-OFDM 64QAM	1	1	20.25	20.38	20.49	20.62	20.75	20.42	21.00
	DFT-s-OFDM 256QAM	1	1	18.26	18.44	18.51	18.65	18.68	18.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	21.12	21.33	21.43	21.40	21.58	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.63	22.96	23.06	22.93	22.83	22.47	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.71	22.97	22.95	23.12	22.76	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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70MHz	DFT-s-OFDM QPSK	1	1	22.64	22.82	22.97	22.93	22.90	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.70	22.86	22.99	23.10	22.83	22.49	23.50
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	22.77	22.94	22.98	23.11	22.77	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.77	22.97	22.98	23.04	22.88	22.64	23.50
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	22.64	22.82	22.97	23.08	22.79	22.61	23.50
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	22.80	22.99	23.04	23.09	22.87	22.65	23.50
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	22.80	22.89	23.06	23.10	22.85	22.63	23.50
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	22.74	22.99	22.93	23.00	22.91	22.57	23.50
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	22.76	22.82	22.90	23.08	22.93	22.50	23.50



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N77 PC3 DSI 5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.25	19.42	19.65	19.59	19.54	19.48	20.00
		1	137	19.33	19.53	19.55	19.66	19.56	19.31	20.00
		1	271	19.23	19.55	19.54	19.37	19.21	19.26	20.00
		135	0	18.78	19.00	18.82	19.04	18.84	18.79	19.50
		135	69	19.23	19.38	19.54	19.43	19.31	19.06	20.00
		135	138	18.62	19.06	18.87	18.83	18.54	18.47	19.50
		270	0	18.62	18.89	19.10	18.82	18.76	18.67	19.50
	DFT-s-OFDM QPSK	1	1	19.24	19.39	19.49	19.59	19.63	19.43	20.00
		1	137	19.30	19.56	19.60	19.70	19.50	19.29	20.00
		1	271	19.22	19.58	19.59	19.40	19.17	19.22	20.00
		135	0	18.28	18.44	18.40	18.52	18.43	18.29	19.00
		135	69	19.22	19.38	19.52	19.57	19.29	19.05	20.00
		135	138	18.06	18.48	18.49	18.29	18.08	18.02	19.00
		270	0	18.10	18.42	18.50	18.41	18.29	18.09	19.00
	DFT-s-OFDM 16QAM	1	1	18.21	18.48	18.53	18.57	18.72	18.59	19.00
	DFT-s-OFDM 64QAM	1	1	16.79	16.87	17.00	17.14	17.29	16.88	17.50
	DFT-s-OFDM 256QAM	1	1	14.74	14.96	14.99	15.12	15.20	14.91	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	17.67	17.88	17.90	17.91	18.03	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	19.16	19.41	19.56	19.41	19.31	18.99	20.00
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	19.24	19.44	19.45	19.67	19.25	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	19.19	19.37	19.42	19.48	19.35	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.22	19.41	19.51	19.63	19.30	18.94	20.00
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	19.30	19.49	19.51	19.57	19.24	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.25	19.50	19.52	19.58	19.37	19.17	20.00
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	19.19	19.36	19.46	19.60	19.24	19.13	20.00
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	19.29	19.44	19.59	19.56	19.42	19.19	20.00
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	19.31	19.36	19.58	19.65	19.36	19.13	20.00
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	19.24	19.45	19.45	19.53	19.41	19.05	20.00
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	19.28	19.35	19.45	19.54	19.44	18.98	20.00



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N77 PC3 DSI 8/9/10					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.76	17.92	18.05	18.06	18.03	17.93	18.50
		1	137	17.76	18.12	17.99	18.11	18.00	17.78	18.50
		1	271	17.71	18.00	17.97	17.83	17.77	17.79	18.50
		135	0	17.30	17.52	17.33	17.46	17.34	17.27	18.00
		135	69	17.77	17.93	18.00	17.97	17.86	17.55	18.50
		135	138	17.10	17.50	17.39	17.34	17.01	16.98	18.00
		270	0	17.13	17.38	17.61	17.28	17.28	17.26	18.00
	DFT-s-OFDM QPSK	1	1	17.75	17.88	18.04	18.09	18.18	17.91	18.50
		1	137	17.85	18.05	18.12	18.28	17.99	17.77	18.50
		1	271	17.75	18.16	18.01	17.89	17.70	17.71	18.50
		135	0	16.77	16.92	16.96	17.00	16.98	16.70	17.50
		135	69	17.73	17.93	17.96	18.00	17.87	17.59	18.50
		135	138	16.56	16.95	16.97	16.81	16.67	16.54	17.50
		270	0	16.65	16.89	17.02	16.93	16.84	16.58	17.50
	DFT-s-OFDM 16QAM	1	1	16.74	17.06	16.98	17.03	17.23	17.00	17.50
	DFT-s-OFDM 64QAM	1	1	15.24	15.36	15.53	15.65	15.70	15.47	16.00
	DFT-s-OFDM 256QAM	1	1	13.23	13.40	13.49	13.68	13.63	13.45	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	16.12	16.30	16.47	16.38	16.57	16.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.62	17.99	18.02	17.88	17.88	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.72	17.97	17.90	18.11	17.76	17.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	17.60	17.80	17.93	17.88	17.94	17.55	18.50
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	17.73	17.84	18.01	18.08	17.84	17.54	18.50
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	17.74	17.99	17.93	18.10	17.74	17.51	18.50
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	17.76	18.02	18.01	18.09	17.90	17.59	18.50
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	17.67	17.80	17.92	18.10	17.84	17.57	18.50
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	17.75	17.98	18.05	18.12	17.84	17.70	18.50
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	17.75	17.92	18.03	18.13	17.90	17.58	18.50
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	17.72	17.99	17.93	17.99	17.86	17.61	18.50
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	17.73	17.83	17.90	18.09	17.90	17.46	18.50



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N78 PC2 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.71	/	17.00
		1	137	/	15.69	/	17.00
		1	271	/	15.80	/	17.00
		135	0	/	12.20	/	13.50
		135	69	/	15.74	/	17.00
		135	138	/	12.10	/	13.50
		270	0	/	15.24	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.68	/	17.00
		1	137	/	15.79	/	17.00
		1	271	/	15.67	/	17.00
		135	0	/	12.13	/	13.50
		135	69	/	15.65	/	17.00
		135	138	/	12.11	/	13.50
		270	0	/	14.62	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.73	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.18	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.14	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.06		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.67	15.63	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.58	15.73	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.73	15.61	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.50	15.68	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.52	15.55	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.57	15.63	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.58	15.71	15.50	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.56	15.57	15.47	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	15.74	15.62	15.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	15.61	15.72	15.51	17.00



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N78 PC2 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.19	/	16.50
		1	137	/	15.14	/	16.50
		1	271	/	15.31	/	16.50
		135	0	/	11.77	/	13.00
		135	69	/	15.23	/	16.50
		135	138	/	11.61	/	13.00
		270	0	/	14.71	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.14	/	16.50
		1	137	/	15.28	/	16.50
		1	271	/	15.21	/	16.50
		135	0	/	11.68	/	13.00
		135	69	/	15.10	/	16.50
		135	138	/	11.61	/	13.00
		270	0	/	14.14	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.21	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.70	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.64	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.54		15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.08	15.16	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.04	15.22	15.12	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.16	15.10	15.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.06	15.19	15.14	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.03	15.05	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.12	15.19	14.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.06	15.17	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.08	15.09	14.98	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	15.19	15.05	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	15.09	15.26	15.08	16.50



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N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.18	/	23.50
		1	137	/	22.17	/	23.50
		1	271	/	22.28	/	23.50
		135	0	/	18.73	/	20.00
		135	69	/	22.19	/	23.50
		135	138	/	18.58	/	20.00
		270	0	/	21.71	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.14	/	23.50
		1	137	/	22.25	/	23.50
		1	271	/	22.21	/	23.50
		135	0	/	18.64	/	20.00
		135	69	/	22.10	/	23.50
		135	138	/	18.61	/	20.00
		270	0	/	21.13	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.22	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.72	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.69	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.53		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.12	22.18	22.11	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.04	22.21	22.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	22.19	22.10	22.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.05	22.16	22.13	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.07	22.09	22.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.11	22.17	22.01	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.06	22.16	22.03	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.03	22.09	22.01	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	22.19	22.09	22.04	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	22.08	22.24	22.06	23.50



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N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.23	/	19.50
		1	137	/	18.22	/	19.50
		1	271	/	18.28	/	19.50
		135	0	/	14.70	/	16.00
		135	69	/	18.22	/	19.50
		135	138	/	14.63	/	16.00
		270	0	/	17.71	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.15	/	19.50
		1	137	/	18.28	/	19.50
		1	271	/	18.21	/	19.50
		135	0	/	14.63	/	16.00
		135	69	/	18.11	/	19.50
		135	138	/	14.66	/	16.00
		270	0	/	17.10	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.21	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.68	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	13.67	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.51		18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.16	18.15	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.03	18.22	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	18.19	18.09	18.10	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.01	18.21	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.10	18.06	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.10	18.21	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.10	18.17	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.04	18.13	18.00	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	18.22	18.08	18.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	18.10	18.19	18.04	19.50



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N78 PC2 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.63	/	18.00
		1	137	/	16.64	/	18.00
		1	271	/	16.81	/	18.00
		135	0	/	13.23	/	14.50
		135	69	/	16.66	/	18.00
		135	138	/	13.09	/	14.50
		270	0	/	16.25	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.63	/	18.00
		1	137	/	16.75	/	18.00
		1	271	/	16.66	/	18.00
		135	0	/	13.11	/	14.50
		135	69	/	16.59	/	18.00
		135	138	/	13.10	/	14.50
		270	0	/	15.68	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.67	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.24	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.14	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.98		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.65	16.64	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.57	16.76	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	16.70	16.61	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.57	16.62	16.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.56	16.54	16.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.58	16.64	16.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.69	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.53	16.54	16.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	16.73	16.63	16.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	16.55	16.76	16.55	18.00



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N78 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.68	/	17.00
		1	137	/	15.69	/	17.00
		1	271	/	15.72	/	17.00
		135	0	/	15.26	/	16.50
		135	69	/	15.63	/	17.00
		135	138	/	15.24	/	16.50
		270	0	/	15.14	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.69	/	17.00
		1	137	/	15.79	/	17.00
		1	271	/	15.75	/	17.00
		135	0	/	14.67	/	16.00
		135	69	/	15.50	/	17.00
		135	138	/	14.65	/	16.00
		270	0	/	14.68	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.68	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.22	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.32	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.98		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.65	15.55	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.64	15.75	15.54	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.58	15.59	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.57	15.52	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.69	15.68	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.67	15.57	15.47	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.70	15.65	15.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.50	15.55	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.63	15.66	15.65	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.55	15.62	15.60	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.71	15.68	15.68	17.00



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N78 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.14	/	16.50
		1	137	/	15.17	/	16.50
		1	271	/	15.19	/	16.50
		135	0	/	14.76	/	16.00
		135	69	/	15.13	/	16.50
		135	138	/	14.74	/	16.00
		270	0	/	14.67	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.19	/	16.50
		1	137	/	15.27	/	16.50
		1	271	/	15.24	/	16.50
		135	0	/	14.25	/	15.50
		135	69	/	15.10	/	16.50
		135	138	/	14.09	/	15.50
		270	0	/	14.25	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.20	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.64	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.82	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.49		15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.18	15.14	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.16	15.20	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.18	15.08	15.05	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.18	15.16	15.05	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.20	15.17	15.06	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.26	15.08	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.14	15.12	15.05	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	14.95	15.13	15.10	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.19	15.15	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.01	15.12	15.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.13	15.08	15.13	16.50



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N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.66	/	23.00
		1	137	/	21.68	/	23.00
		1	271	/	21.74	/	23.00
		135	0	/	21.23	/	22.50
		135	69	/	21.70	/	23.00
		135	138	/	21.20	/	22.50
		270	0	/	21.10	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.68	/	23.00
		1	137	/	21.72	/	23.00
		1	271	/	21.73	/	23.00
		135	0	/	20.72	/	22.00
		135	69	/	21.52	/	23.00
		135	138	/	20.60	/	22.00
		270	0	/	20.72	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.64	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.26	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.33	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.03		21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.61	21.66	21.52	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.66	21.72	21.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.58	21.57	21.56	23.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.62	21.64	21.62	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.71	21.64	21.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.74	21.60	21.56	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.62	21.73	21.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	21.54	21.62	21.67	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.68	21.66	21.55	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	21.61	21.55	21.52	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.60	21.62	21.61	23.00



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N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.20	/	19.50
		1	137	/	18.25	/	19.50
		1	271	/	18.22	/	19.50
		135	0	/	17.68	/	19.00
		135	69	/	18.12	/	19.50
		135	138	/	17.75	/	19.00
		270	0	/	17.69	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.18	/	19.50
		1	137	/	18.27	/	19.50
		1	271	/	18.25	/	19.50
		135	0	/	17.27	/	18.50
		135	69	/	18.01	/	19.50
		135	138	/	17.12	/	18.50
		270	0	/	17.13	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.29	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.79	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	13.81	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.46		18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.22	18.11	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.22	18.19	18.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	18.01	18.12	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.06	18.13	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.16	18.05	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.21	18.11	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.20	18.09	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.05	18.14	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.17	18.11	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	18.05	18.00	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.22	18.07	18.15	19.50



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N78 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.76	/	18.00
		1	137	/	16.80	/	18.00
		1	271	/	16.68	/	18.00
		135	0	/	16.18	/	17.50
		135	69	/	16.65	/	18.00
		135	138	/	16.25	/	17.50
		270	0	/	16.22	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.74	/	18.00
		1	137	/	16.77	/	18.00
		1	271	/	16.72	/	18.00
		135	0	/	15.77	/	17.00
		135	69	/	16.63	/	18.00
		135	138	/	15.58	/	17.00
		270	0	/	15.64	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.69	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.20	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.27	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		15.07		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.66	16.59	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.73	16.70	16.53	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	16.66	16.56	16.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.57	16.61	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.72	16.57	16.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.72	16.57	16.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.73	16.71	16.48	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.57	16.61	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.54	16.65	16.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.61	16.64	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.71	16.67	16.58	18.00



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N78 PC2 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.53	/	17.00
		1	137	/	15.64	/	17.00
		1	271	/	16.06	/	17.00
		135	0	/	11.95	/	13.50
		135	69	/	15.71	/	17.00
		135	138	/	12.26	/	13.50
		270	0	/	15.24	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.36	/	17.00
		1	137	/	15.66	/	17.00
		1	271	/	16.10	/	17.00
		135	0	/	11.89	/	13.50
		135	69	/	15.59	/	17.00
		135	138	/	12.32	/	13.50
		270	0	/	14.66	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.63	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	12.98	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	10.94	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.81	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.75	15.65	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.82	15.66	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	15.78	15.67	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.68	15.60	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.79	15.65	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.85	15.80	15.54	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.66	15.63	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.84	15.74	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	15.76	15.62	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	15.77	15.66	15.49	17.00



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N78 PC2 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.00	/	16.50
		1	137	/	15.14	/	16.50
		1	271	/	15.51	/	16.50
		135	0	/	11.39	/	13.00
		135	69	/	15.18	/	16.50
		135	138	/	11.74	/	13.00
		270	0	/	14.73	/	16.00
	DFT-s-OFDM QPSK	1	1	/	14.88	/	16.50
		1	137	/	15.16	/	16.50
		1	271	/	15.58	/	16.50
		135	0	/	11.46	/	13.00
		135	69	/	15.08	/	16.50
		135	138	/	11.84	/	13.00
		270	0	/	14.15	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.12	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.39	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.47	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.32	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.32	15.18	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.40	15.10	15.16	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	15.25	15.17	15.23	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.21	15.17	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.39	15.20	15.16	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.44	15.24	15.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.15	15.05	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.40	15.24	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	15.30	15.12	15.14	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	15.27	15.12	15.09	16.50



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N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.00	/	23.50
		1	137	/	22.19	/	23.50
		1	271	/	22.55	/	23.50
		135	0	/	18.44	/	20.00
		135	69	/	22.17	/	23.50
		135	138	/	18.79	/	20.00
		270	0	/	21.73	/	23.00
	DFT-s-OFDM QPSK	1	1	/	21.91	/	23.50
		1	137	/	22.19	/	23.50
		1	271	/	22.61	/	23.50
		135	0	/	18.42	/	20.00
		135	69	/	22.08	/	23.50
		135	138	/	18.79	/	20.00
		270	0	/	21.13	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.08	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.44	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.42	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.31	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.29	22.20	22.12	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.37	22.15	22.20	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	22.26	22.14	22.19	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.21	22.14	22.13	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.34	22.19	22.19	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.39	22.26	22.09	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.20	22.10	22.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.38	22.24	22.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	22.26	22.15	22.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	22.28	22.14	22.04	23.50



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N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.99	/	19.50
		1	137	/	18.18	/	19.50
		1	271	/	18.59	/	19.50
		135	0	/	14.40	/	16.00
		135	69	/	18.15	/	19.50
		135	138	/	14.83	/	16.00
		270	0	/	17.74	/	19.00
	DFT-s-OFDM QPSK	1	1	/	17.90	/	19.50
		1	137	/	18.17	/	19.50
		1	271	/	18.62	/	19.50
		135	0	/	14.41	/	16.00
		135	69	/	18.08	/	19.50
		135	138	/	14.81	/	16.00
		270	0	/	17.18	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.03	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.41	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	13.42	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.33	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.34	18.24	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.32	18.12	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	18.21	18.12	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.24	18.10	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.33	18.18	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.43	18.30	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.19	18.08	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.40	18.27	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	18.28	18.11	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	18.24	18.13	18.01	19.50



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N78 PC2 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.53	/	18.00
		1	137	/	16.70	/	18.00
		1	271	/	17.10	/	18.00
		135	0	/	12.90	/	14.50
		135	69	/	16.65	/	18.00
		135	138	/	13.28	/	14.50
		270	0	/	16.25	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.38	/	18.00
		1	137	/	16.71	/	18.00
		1	271	/	17.09	/	18.00
		135	0	/	12.89	/	14.50
		135	69	/	16.53	/	18.00
		135	138	/	13.33	/	14.50
		270	0	/	15.58	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.62	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	13.99	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	11.95	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.78	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.81	16.70	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.88	16.63	16.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	16.81	16.65	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.72	16.64	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.85	16.69	16.70	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.89	16.71	16.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.66	16.63	16.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.86	16.74	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
15MHz	DFT-s-OFDM QPSK	1	1	16.72	16.66	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				646666	650000	653336	
10MHz	DFT-s-OFDM QPSK	1	1	16.75	16.69	16.51	18.00



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N78 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.42	/	17.00
		1	137	/	15.63	/	17.00
		1	271	/	16.09	/	17.00
		135	0	/	15.08	/	16.50
		135	69	/	15.59	/	17.00
		135	138	/	15.22	/	16.50
		270	0	/	15.24	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.45	/	17.00
		1	137	/	15.68	/	17.00
		1	271	/	16.12	/	17.00
		135	0	/	14.51	/	16.00
		135	69	/	15.53	/	17.00
		135	138	/	14.78	/	16.00
		270	0	/	14.62	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.52	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.08	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	10.94	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.95	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.65	15.60	15.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.64	15.59	15.85	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	15.62	15.76	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.60	15.52	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.65	15.61	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.53	15.53	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.78	15.73	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.67	15.66	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.74	15.74	15.89	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.62	15.73	15.72	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	15.68	15.68	15.70	17.00



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N78 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.93	/	16.50
		1	137	/	15.17	/	16.50
		1	271	/	15.68	/	16.50
		135	0	/	14.58	/	16.00
		135	69	/	15.10	/	16.50
		135	138	/	14.72	/	16.00
		270	0	/	14.70	/	16.00
	DFT-s-OFDM QPSK	1	1	/	14.99	/	16.50
		1	137	/	15.16	/	16.50
		1	271	/	15.58	/	16.50
		135	0	/	14.00	/	15.50
		135	69	/	15.11	/	16.50
		135	138	/	14.32	/	15.50
		270	0	/	14.16	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	13.96	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.50	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.53	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.38	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.11	15.06	15.24	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.14	14.99	15.43	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	15.06	15.22	15.21	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.08	15.07	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.09	15.09	15.25	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.06	15.07	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.24	15.19	15.25	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.19	15.22	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.25	15.23	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.12	15.22	15.14	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	15.23	15.17	15.25	16.50



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N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.46	/	23.00
		1	137	/	21.64	/	23.00
		1	271	/	22.14	/	23.00
		135	0	/	21.05	/	22.50
		135	69	/	21.63	/	23.00
		135	138	/	21.20	/	22.50
		270	0	/	21.22	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.48	/	23.00
		1	137	/	21.69	/	23.00
		1	271	/	22.13	/	23.00
		135	0	/	20.46	/	22.00
		135	69	/	21.56	/	23.00
		135	138	/	20.80	/	22.00
		270	0	/	20.62	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.50	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.04	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	16.99	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.93	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.65	21.61	21.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.64	21.54	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	21.58	21.71	21.69	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.60	21.57	21.79	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.61	21.57	21.76	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.56	21.54	21.73	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.74	21.70	21.76	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	21.69	21.71	21.75	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.70	21.71	21.84	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	21.58	21.68	21.68	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.71	21.64	21.75	23.00



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N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.92	/	19.50
		1	137	/	18.19	/	19.50
		1	271	/	18.59	/	19.50
		135	0	/	17.57	/	19.00
		135	69	/	18.17	/	19.50
		135	138	/	17.67	/	19.00
		270	0	/	17.75	/	19.00
	DFT-s-OFDM QPSK	1	1	/	17.93	/	19.50
		1	137	/	18.16	/	19.50
		1	271	/	18.65	/	19.50
		135	0	/	17.00	/	18.50
		135	69	/	18.04	/	19.50
		135	138	/	17.25	/	18.50
		270	0	/	17.07	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	16.99	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.49	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	13.44	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.43	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.17	18.10	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.16	18.04	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	18.09	18.26	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.10	18.07	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.14	18.08	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.01	18.03	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.21	18.24	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	18.15	18.19	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.16	18.21	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	18.09	18.13	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.16	18.13	18.26	19.50



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N78 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.51	/	18.00
		1	137	/	16.65	/	18.00
		1	271	/	17.17	/	18.00
		135	0	/	16.03	/	17.50
		135	69	/	16.62	/	18.00
		135	138	/	16.17	/	17.50
		270	0	/	16.20	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.49	/	18.00
		1	137	/	16.71	/	18.00
		1	271	/	17.12	/	18.00
		135	0	/	15.48	/	17.00
		135	69	/	16.51	/	18.00
		135	138	/	15.77	/	17.00
		270	0	/	15.60	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.45	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.00	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	11.99	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.94	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.69	16.61	16.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.66	16.58	16.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	16.59	16.71	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.63	16.52	16.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.60	16.58	16.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.56	16.59	16.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.76	16.67	16.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	16.64	16.69	16.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.69	16.68	16.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	16.54	16.71	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.69	16.62	16.74	18.00



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8.3 Conducted Power of NR Antenna (Ant13)

N2 DSI 2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.60	14.58	14.46	15.50
		1	53	14.44	14.43	14.29	15.50
		1	104	14.60	14.39	14.42	15.50
		50	0	13.99	13.80	13.69	15.00
		50	28	14.43	14.36	14.23	15.50
		50	56	14.01	13.81	13.67	15.00
		100	0	14.16	13.81	13.76	15.00
	DFT-s-OFDM QPSK	1	1	14.59	14.48	14.40	15.50
		1	53	14.62	14.35	14.29	15.50
		1	104	14.56	14.36	14.31	15.50
		50	0	13.53	13.38	13.32	14.50
		50	28	14.53	14.39	14.29	15.50
		50	56	13.52	13.41	13.32	14.50
		100	0	13.56	13.34	13.33	14.50
	DFT-s-OFDM 16QAM	1	1	13.70	13.48	13.50	14.50
	DFT-s-OFDM 64QAM	1	1	12.31	12.09	11.94	13.00
	DFT-s-OFDM 256QAM	1	1	10.39	10.17	10.07	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	13.10	12.91	12.82	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	14.55	14.41	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	14.57	14.42	14.24	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	14.59	14.45	14.34	15.50
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N2 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.69	13.65	13.40	14.50
		1	53	13.50	13.37	13.29	14.50
		1	104	13.64	13.43	13.43	14.50
		50	0	12.95	12.85	12.72	14.00
		50	28	13.45	13.32	13.26	14.50
		50	56	12.95	12.86	12.75	14.00
		100	0	13.16	12.76	12.84	14.00
	DFT-s-OFDM QPSK	1	1	13.60	13.53	13.38	14.50
		1	53	13.63	13.32	13.34	14.50
		1	104	13.50	13.29	13.25	14.50
		50	0	12.51	12.42	12.27	13.50
		50	28	13.48	13.40	13.27	14.50
		50	56	12.55	12.37	12.24	13.50
		100	0	12.60	12.42	12.31	13.50
	DFT-s-OFDM 16QAM	1	1	12.78	12.52	12.53	13.50
	DFT-s-OFDM 64QAM	1	1	11.31	11.10	11.01	12.00
	DFT-s-OFDM 256QAM	1	1	9.36	9.14	9.00	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	12.07	11.89	11.83	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	13.55	13.41	13.31	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	13.61	13.40	13.25	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	13.58	13.44	13.34	14.50
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N2 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.14	23.10	22.94	24.00
		1	53	22.99	22.92	22.74	24.00
		1	104	23.11	22.92	22.89	24.00
		50	0	22.45	22.30	22.23	23.50
		50	28	22.96	22.85	22.72	24.00
		50	56	22.50	22.34	22.21	23.50
		100	0	22.66	22.29	22.29	23.50
	DFT-s-OFDM QPSK	1	1	23.14	23.01	22.87	24.00
		1	53	23.08	22.85	22.84	24.00
		1	104	23.03	22.84	22.80	24.00
		50	0	22.05	21.90	21.80	23.00
		50	28	23.02	22.88	22.81	24.00
		50	56	22.00	21.87	21.79	23.00
		100	0	22.07	21.87	21.84	23.00
	DFT-s-OFDM 16QAM	1	1	22.25	22.03	21.99	23.00
	DFT-s-OFDM 64QAM	1	1	20.79	20.58	20.46	21.50
	DFT-s-OFDM 256QAM	1	1	18.84	18.69	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.61	21.41	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.10	22.93	22.83	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.12	22.92	22.71	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	23.11	22.96	22.83	24.00
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N2 DSI 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.64	21.62	21.41	22.50
		1	53	21.48	21.44	21.24	22.50
		1	104	21.61	21.39	21.42	22.50
		50	0	20.90	20.77	20.70	22.00
		50	28	21.46	21.38	21.19	22.50
		50	56	20.96	20.81	20.69	22.00
		100	0	21.17	20.77	20.79	22.00
	DFT-s-OFDM QPSK	1	1	21.67	21.52	21.38	22.50
		1	53	21.54	21.37	21.38	22.50
		1	104	21.56	21.39	21.33	22.50
		50	0	20.56	20.43	20.35	21.50
		50	28	21.49	21.38	21.30	22.50
		50	56	20.53	20.35	20.24	21.50
		100	0	20.54	20.41	20.36	21.50
	DFT-s-OFDM 16QAM	1	1	20.75	20.51	20.49	21.50
	DFT-s-OFDM 64QAM	1	1	19.27	19.03	18.96	20.00
	DFT-s-OFDM 256QAM	1	1	17.30	17.14	17.00	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	20.11	19.92	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.60	21.48	21.29	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.63	21.43	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	21.65	21.45	21.34	22.50
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N2 DSI 8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.14	19.15	18.96	20.00
		1	53	19.03	18.91	18.70	20.00
		1	104	19.13	18.94	18.92	20.00
		50	0	18.48	18.29	18.28	19.50
		50	28	18.97	18.82	18.77	20.00
		50	56	18.52	18.31	18.19	19.50
		100	0	18.63	18.27	18.27	19.50
	DFT-s-OFDM QPSK	1	1	19.14	19.06	18.91	20.00
		1	53	19.11	18.84	18.79	20.00
		1	104	19.06	18.79	18.80	20.00
		50	0	18.02	17.91	17.85	19.00
		50	28	19.01	18.93	18.82	20.00
		50	56	18.02	17.82	17.81	19.00
		100	0	18.05	17.86	17.81	19.00
	DFT-s-OFDM 16QAM	1	1	18.30	18.08	18.00	19.00
	DFT-s-OFDM 64QAM	1	1	16.78	16.61	16.41	17.50
	DFT-s-OFDM 256QAM	1	1	14.85	14.66	14.50	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.56	17.38	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.11	18.96	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.17	18.92	18.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	



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5MHz	DFT-s-OFDM QPSK	1	1	19.15	19.01	18.81	20.00
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N5 DSI 2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.93	19.77	19.89	21.00
		1	53	19.66	19.77	19.60	21.00
		1	104	19.80	19.73	19.72	21.00
		50	0	19.32	19.36	19.30	20.50
		50	28	19.79	19.82	19.83	21.00
		50	56	19.26	19.16	19.26	20.50
		100	0	19.39	19.30	19.36	20.50
	DFT-s-OFDM QPSK	1	1	19.90	19.84	19.89	21.00
		1	53	19.72	19.79	19.72	21.00
		1	104	19.71	19.67	19.62	21.00
		50	0	18.84	18.81	18.82	20.00
		50	28	19.79	19.80	19.75	21.00
		50	56	18.73	18.72	18.67	20.00
		100	0	18.89	18.81	18.76	20.00
	DFT-s-OFDM 16QAM	1	1	18.96	18.98	18.98	20.00
	DFT-s-OFDM 64QAM	1	1	17.55	17.48	17.51	18.50
	DFT-s-OFDM 256QAM	1	1	15.49	15.51	15.41	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	18.41	18.36	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	19.86	19.75	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	19.73	19.86	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	



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5MHz	DFT-s-OFDM QPSK	1	1	19.86	19.75	19.68	21.00
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N5 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.41	19.24	19.46	20.50
		1	53	19.11	19.28	19.12	20.50
		1	104	19.28	19.23	19.26	20.50
		50	0	18.86	18.89	18.76	20.00
		50	28	19.22	19.34	19.26	20.50
		50	56	18.77	18.75	18.81	20.00
		100	0	18.98	18.78	18.85	20.00
	DFT-s-OFDM QPSK	1	1	19.50	19.32	19.38	20.50
		1	53	19.18	19.28	19.22	20.50
		1	104	19.17	19.14	19.11	20.50
		50	0	18.37	18.29	18.30	19.50
		50	28	19.34	19.25	19.30	20.50
		50	56	18.24	18.21	18.17	19.50
		100	0	18.33	18.25	18.28	19.50
	DFT-s-OFDM 16QAM	1	1	18.45	18.45	18.46	19.50
	DFT-s-OFDM 64QAM	1	1	17.10	17.00	17.01	18.00
	DFT-s-OFDM 256QAM	1	1	15.06	15.04	14.97	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	17.90	17.81	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	19.43	19.31	19.27	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	19.21	19.39	19.18	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	



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5MHz	DFT-s-OFDM QPSK	1	1	19.42	19.28	19.17	20.50
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N5 DSI 4/5/8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.88	23.77	23.92	25.00
		1	53	23.63	23.80	23.64	25.00
		1	104	23.76	23.75	23.74	25.00
		50	0	23.33	23.37	23.29	24.50
		50	28	23.76	23.83	23.81	25.00
		50	56	23.30	23.20	23.28	24.50
		100	0	23.44	23.29	23.33	24.50
	DFT-s-OFDM QPSK	1	1	23.95	23.85	23.90	25.00
		1	53	23.73	23.81	23.73	25.00
		1	104	23.71	23.66	23.65	25.00
		50	0	22.88	22.80	22.81	24.00
		50	28	23.81	23.79	23.78	25.00
		50	56	22.75	22.72	22.69	24.00
		100	0	22.85	22.80	22.78	24.00
	DFT-s-OFDM 16QAM	1	1	23.00	22.96	22.93	24.00
	DFT-s-OFDM 64QAM	1	1	21.59	21.49	21.46	22.50
	DFT-s-OFDM 256QAM	1	1	19.51	19.49	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.40	22.36	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.90	23.80	23.77	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.71	23.89	23.72	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	



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5MHz	DFT-s-OFDM QPSK	1	1	23.87	23.73	23.72	25.00
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N7 DSI 2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.33	12.56	12.52	13.50
		1	108	12.34	12.62	12.55	13.50
		1	214	12.59	12.51	12.51	13.50
		108	0	11.76	11.80	11.96	13.00
		108	54	12.40	12.32	12.48	13.50
		108	108	11.94	11.90	12.00	13.00
		216	0	11.97	12.02	11.91	13.00
	DFT-s-OFDM QPSK	1	1	12.41	12.39	12.51	13.50
		1	108	12.51	12.54	12.53	13.50
		1	214	12.57	12.45	12.63	13.50
		108	0	11.38	11.42	11.48	12.50
		108	54	12.39	12.36	12.44	13.50
		108	108	11.37	11.52	11.55	12.50
		216	0	11.35	11.45	11.39	12.50
	DFT-s-OFDM 16QAM	1	1	11.44	11.51	11.61	12.50
	DFT-s-OFDM 64QAM	1	1	9.90	9.99	10.03	11.00
	DFT-s-OFDM 256QAM	1	1	8.10	8.20	8.10	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	10.83	10.91	10.89	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	12.45	12.42	12.38	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	12.40	12.45	12.43	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	12.40	12.43	12.44	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	12.31	12.28	12.52	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	12.51	12.39	12.37	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	12.22	12.49	12.41	13.50



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N7 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	11.85	12.06	12.05	13.00
		1	108	11.84	12.10	11.95	13.00
		1	214	12.15	11.97	12.05	13.00
		108	0	11.27	11.30	11.56	12.50
		108	54	11.88	11.81	11.99	13.00
		108	108	11.43	11.38	11.48	12.50
		216	0	11.40	11.54	11.45	12.50
	DFT-s-OFDM QPSK	1	1	11.93	11.89	12.00	13.00
		1	108	11.97	12.03	11.99	13.00
		1	214	12.10	12.03	12.10	13.00
		108	0	10.86	10.94	11.06	12.00
		108	54	11.90	11.93	11.93	13.00
		108	108	10.86	11.03	11.05	12.00
		216	0	10.85	10.96	10.94	12.00
	DFT-s-OFDM 16QAM	1	1	10.94	10.97	11.16	12.00
	DFT-s-OFDM 64QAM	1	1	9.48	9.57	9.54	10.50
	DFT-s-OFDM 256QAM	1	1	7.62	7.60	7.64	8.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	10.35	10.35	10.47	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	11.97	11.98	11.84	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	11.92	11.96	12.00	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	11.90	11.99	11.94	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	11.80	11.80	12.03	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	11.92	11.85	11.85	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	11.82	11.92	11.83	13.00



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N7 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.36	18.53	18.55	19.50
		1	108	18.39	18.58	18.50	19.50
		1	214	18.60	18.48	18.56	19.50
		108	0	17.80	17.83	18.01	19.00
		108	54	18.43	18.33	18.45	19.50
		108	108	17.96	17.91	18.01	19.00
		216	0	17.95	18.02	17.92	19.00
	DFT-s-OFDM QPSK	1	1	18.38	18.44	18.58	19.50
		1	108	18.46	18.53	18.53	19.50
		1	214	18.57	18.50	18.45	19.50
		108	0	17.36	17.39	17.52	18.50
		108	54	18.37	18.41	18.42	19.50
		108	108	17.41	17.51	17.50	18.50
		216	0	17.40	17.45	17.42	18.50
	DFT-s-OFDM 16QAM	1	1	17.49	17.51	17.61	18.50
	DFT-s-OFDM 64QAM	1	1	15.95	16.02	16.06	17.00
	DFT-s-OFDM 256QAM	1	1	14.09	14.15	14.10	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.80	16.89	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.45	18.43	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.40	18.42	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	18.37	18.45	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.31	18.32	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.47	18.35	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.27	18.44	18.36	19.50



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N7 DSI 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.38	17.49	17.58	18.50
		1	108	17.37	17.59	17.55	18.50
		1	214	17.64	17.46	17.55	18.50
		108	0	16.78	16.81	16.97	18.00
		108	54	17.38	17.28	17.45	18.50
		108	108	16.98	16.94	16.96	18.00
		216	0	16.98	17.03	16.88	18.00
	DFT-s-OFDM QPSK	1	1	17.33	17.45	17.52	18.50
		1	108	17.46	17.48	17.53	18.50
		1	214	17.53	17.52	17.66	18.50
		108	0	16.33	16.36	16.52	17.50
		108	54	17.41	17.37	17.39	18.50
		108	108	16.36	16.55	16.50	17.50
		216	0	16.41	16.42	16.44	17.50
	DFT-s-OFDM 16QAM	1	1	16.50	16.51	16.61	17.50
	DFT-s-OFDM 64QAM	1	1	14.92	15.04	15.06	16.00
	DFT-s-OFDM 256QAM	1	1	13.05	13.12	13.10	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	15.77	15.85	15.91	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.41	17.45	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.35	17.40	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	17.33	17.43	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.28	17.29	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.50	17.30	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.24	17.43	17.32	18.50



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