

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

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

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N66_15kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1745	/	23.50
		1	108	/	22.54	/	23.50
		1	214	/	22.44	/	23.50
		108	0	/	22.57	/	23.50
		108	54	/	21.35	/	22.50
		108	108	/	22.43	/	23.50
		216	0	/	21.51	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.54	/	22.50
	CP-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	21.17	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	22.61	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.62	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	22.44	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.45	22.65	22.52	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.73	22.58	22.46	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.63	22.51	22.69	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.59	22.45	22.67	23.50



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N66_15kHz DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1745	/	16.50
	DFT-s-OFDM QPSK	1	108	/	15.64	/	16.50
	DFT-s-OFDM QPSK	1	214	/	15.52	/	16.50
		108	0	/	15.58	/	16.50
		108	54	/	14.29	/	15.50
	DFT-s-OFDM QPSK	108	108	/	15.38	/	16.50
	DFT-s-OFDM QPSK	216	0	/	14.58	/	15.50
40MHz	DFT-s-OFDM 16QAM	1	1	/	14.59	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.57	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	349000	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	349000	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	15.67	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	349000	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	15.51	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	344000	349000	354000
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	15.75	15.46	15.49
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	/	343500	349000	354500
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	/	343000	349000	355000
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	/	342500	349000	355500

N66_15kHz DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1745	/	19.00
	DFT-s-OFDM QPSK	1	108	/	18.20	/	19.00
	DFT-s-OFDM QPSK	1	214	/	17.99	/	19.00
		108	0	/	18.01	/	19.00
40MHz	DFT-s-OFDM QPSK	108	0	/	16.90	/	18.00



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		108	54	/	18.02	/	19.00
	DFT-s-OFDM QPSK	108	108	/	16.97	/	18.00
	DFT-s-OFDM QPSK	216	0	/	17.20	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.25	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	16.66	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	18.29	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	18.18	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	18.20	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.04	18.29	18.18	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.14	18.08	18.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.33	18.09	18.30	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.34	18.35	18.19	19.00

N38_30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.92	/	21.50
		1	53	/	20.70	/	21.50
		1	104	/	20.72	/	21.50
		50	0	/	19.68	/	20.50
		50	28	/	20.59	/	21.50
		50	56	/	19.58	/	20.50
		100	0	/	19.74	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.73	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.21	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	



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30MHz	DFT-s-OFDM QPSK	1	1	/	20.77	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.03	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.88	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.84	20.96	20.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.88	21.04	20.79	21.50

N38 30kHz DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.39	/	17.00
		1	53	/	16.19	/	17.00
		1	104	/	16.25	/	17.00
		50	0	/	15.04	/	16.00
		50	28	/	16.15	/	17.00
		50	56	/	14.99	/	16.00
		100	0	/	15.14	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.29	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	14.83	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	16.32	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	16.16	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	16.43	16.52	16.35	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	16.55	16.44	16.26	17.00

N38 30kHz DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.91	/	17.50
		1	53	/	16.75	/	17.50
		1	104	/	16.75	/	17.50
		50	0	/	15.64	/	16.50
		50	28	/	16.69	/	17.50
		50	56	/	15.49	/	16.50
		100	0	/	15.72	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.75	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	15.24	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	16.86	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	16.84	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	16.82	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.02	17.00	16.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.90	16.97	16.94	17.50

N41 PC3 30kHz DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	20.71	/	/
		1	137	/	/	20.62	/	/
		1	271	/	/	20.64	/	/
		135	0	/	/	19.79	/	/
		135	69	/	/	20.61	/	/
		135	138	/	/	19.72	/	/
		270	0	/	/	19.85	/	/
		270	0	/	/	19.85	/	/



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	DFT-s-OFDM 16QAM	1	1	/	/	19.84	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	19.83	/	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	20.62	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	/	20.82	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	/	20.85	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.79	20.83	20.76	20.62	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.54	20.61	20.77	20.79	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.75	20.60	20.79	20.86	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	20.68	20.68	20.74	20.77	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.80	20.70	20.67	21.00	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.79	20.76	20.71	20.70	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.58	20.77	20.64	20.64	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.77	20.82	20.78	20.84	20.67	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.66	20.65	20.66	20.59	20.69	22.00

N41 PC3_30kHz DSI1/5				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	16.28	/	/	17.50
		1	137	/	/	16.21	/	/	17.50
		1	271	/	/	16.09	/	/	17.50
		135	0	/	/	15.39	/	/	16.50
		135	69	/	/	16.10	/	/	17.50
		135	138	/	/	15.27	/	/	16.50
		270	0	/	/	15.38	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	15.34	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	15.27	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	16.45	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	16.28	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	16.24	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.23	16.26	16.18	16.28	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.16	16.12	16.42	16.20	16.29	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503200	510900	518598	526300	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.13	16.13	16.14	16.10	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	16.29	16.40	16.35	16.23	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



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30MHz	DFT-s-OFDM QPSK	1	1	16.23	16.14	16.43	16.22	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.31	16.29	16.30	16.32	16.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.41	16.16	16.38	16.16	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.38	16.27	16.31	16.17	16.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.28	16.35	16.22	16.39	16.37	17.50

N41 PC3 30kHz DSI3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	17.18	/	/	18.50
		1	137	/	/	17.15	/	/	18.50
		1	271	/	/	17.22	/	/	18.50
		135	0	/	/	16.34	/	/	17.50
		135	69	/	/	17.12	/	/	18.50
		135	138	/	/	16.15	/	/	17.50
		270	0	/	/	16.29	/	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	/	16.42	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	16.25	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	17.12	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	17.20	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	17.04	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.21	17.25	17.07	17.06	17.17	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.05	17.10	17.27	17.33	17.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 503200	Channel 510900	Channel 518598	Channel 526300	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.21	17.19	17.08	17.10	17.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 502700	Channel 510650	Channel 518598	Channel 526550	Channel 534500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	17.05	17.13	17.07	17.23	17.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.17	17.26	17.22	16.98	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.25	17.14	17.08	17.24	17.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.06	17.08	17.07	17.01	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.15	17.29	17.19	17.29	17.26	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.18	17.22	17.08	17.06	17.04	18.50

N48_30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645322	Tune up
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	19.18	19.16	19.12	20.20
		1	53	19.15	19.19	19.22	20.20
		1	104	19.32	19.19	19.24	20.20
		50	0	18.11	18.15	18.13	19.20
		50	28	19.24	19.10	18.98	20.20
		50	56	18.22	18.28	18.15	19.20
		100	0	18.23	18.19	18.14	19.20
	DFT-s-OFDM 16QAM	1	1	18.18	18.22	18.11	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645322	Tune up
40MHz	CP-OFDM QPSK	1	1	17.72	17.72	17.60	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641666	Channel 645667	Tune up



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30MHz	DFT-s-OFDM QPSK	1	1	19.04	19.07	19.18	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641666	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.27	19.22	19.23	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641666	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.16	19.23	19.03	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.05	19.27	19.07	20.20

N48_30kHz DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645322	Tune up
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM QPSK	1	1	15.23	15.18	15.16	16.20
		1	53	15.18	15.14	15.18	16.20
		1	104	15.28	15.33	15.20	16.20
		50	0	14.21	14.18	14.16	15.20
		50	28	15.12	15.20	15.02	16.20
		50	56	14.43	14.10	14.03	15.20
		100	0	14.04	14.12	13.97	15.20
	DFT-s-OFDM 16QAM	1	1	14.26	14.10	14.18	15.20
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645322	Tune up
40MHz	CP-OFDM QPSK	1	1	13.74	13.59	13.67	14.70
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641666	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.36	15.14	15.14	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641666	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.30	15.03	15.07	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641666	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.32	15.32	15.03	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.22	15.14	15.26	16.20



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N48 30kHz DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645322	
40MHz	DFT-s-OFDM QPSK	1	1	17.21	17.21	17.19	18.20
		1	53	17.22	17.22	17.19	18.20
		1	104	17.18	17.17	17.21	18.20
		50	0	16.24	16.10	16.23	17.20
		50	28	17.37	17.04	16.93	18.20
		50	56	16.37	16.32	16.02	17.20
		100	0	16.30	16.02	16.18	17.20
	DFT-s-OFDM 16QAM	1	1	16.19	16.24	16.03	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	15.74	15.78	15.49	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.29	17.30	17.31	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.31	17.26	17.28	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.28	17.09	17.04	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.46	17.35	17.30	18.20

N77 PC3 30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.69	/	21.70
		1	137	/	20.79	/	21.70
		1	271	/	20.69	/	21.70
		135	0	/	19.57	/	20.70
		135	69	/	20.61	/	21.70
		135	138	/	19.71	/	20.70
		270	0	/	19.54	/	20.70
	DFT-s-OFDM 16QAM	1	1	/	19.50	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.05	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	20.70	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	20.65	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.54	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.59	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.58	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.71	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.75	20.68	20.62	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	20.71	20.49	20.66	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.54	20.71	20.50	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	20.58	20.61	20.66	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.53	20.79	20.74	21.70

N77 PC3 30kHz DSI3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.60	/	15.70
		1	137	/	14.75	/	15.70
		1	271	/	14.78	/	15.70
		135	0	/	13.59	/	14.70
		135	69	/	14.65	/	15.70
		135	138	/	13.78	/	14.70
		270	0	/	13.47	/	14.70
	DFT-s-OFDM 16QAM	1	1	/	13.62	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.14	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.68	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.46	/	15.70



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.48	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.52	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.62	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.39	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.47	14.51	14.40	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	14.57	14.60	14.71	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.50	14.58	14.68	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	14.45	14.47	14.44	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	14.63	14.72	14.46	15.70

N77 PC3 30kHz DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.20	/	16.20
		1	137	/	15.42	/	16.20
		1	271	/	15.12	/	16.20
		135	0	/	14.03	/	15.20
		135	69	/	15.15	/	16.20
		135	138	/	14.19	/	15.20
		270	0	/	14.07	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	13.94	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.47	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.16	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.14	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.19	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.32	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.32	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.19	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.24	15.25	15.30	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.35	15.25	15.20	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.28	15.29	15.26	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.10	15.26	15.07	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.37	15.27	15.30	16.20

N77 PC2 30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.84	/	24.40
		1	137	/	22.77	/	24.40
		1	271	/	22.69	/	24.40
		135	0	/	19.60	/	20.90
		135	69	/	22.83	/	24.40
		135	138	/	19.83	/	20.90
		270	0	/	22.56	/	23.40



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	DFT-s-OFDM 16QAM	1	1	/	22.59	/	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.73	22.93	22.78	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.70	22.88	22.79	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.69	22.91	22.89	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.96	22.70	22.90	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.72	22.89	22.77	24.40



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N77 PC2 30kHz DSI3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.79	/	18.40
		1	137	/	16.84	/	18.40
		1	271	/	16.82	/	18.40
		135	0	/	13.61	/	14.90
		135	69	/	16.80	/	18.40
		135	138	/	13.84	/	14.90
		270	0	/	16.61	/	17.40
	DFT-s-OFDM 16QAM	1	1	/	16.58	/	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	16.05	/	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	16.81	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.88	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	16.85	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.62	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	16.80	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	16.94	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.87	16.74	16.67	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.84	16.88	16.80	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	



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20MHz	DFT-s-OFDM QPSK	1	1	16.65	16.72	16.60	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.76	16.84	16.72	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.85	16.71	16.71	18.40

N77 PC2 30kHz DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.23	/	18.90
		1	137	/	17.36	/	18.90
		1	271	/	17.19	/	18.90
		135	0	/	14.02	/	15.40
		135	69	/	17.44	/	18.90
		135	138	/	14.43	/	15.40
		270	0	/	17.19	/	17.90
	DFT-s-OFDM 16QAM	1	1	/	17.14	/	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.60	/	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.15	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.30	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.23	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.30	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.16	/	18.90



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Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.36	17.33	17.30	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635833	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.18	17.14	17.17	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.28	17.19	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.38	17.30	17.38	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.10	17.32	17.11	18.90

N77 PC3 30kHz DSI4				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	20.86	20.84	/	/	21.70
		1	137	/	/	20.62	20.62	/	/	21.70
		1	271	/	/	20.59	20.69	/	/	21.70
		135	0	/	/	19.69	19.65	/	/	20.70
		135	69	/	/	20.61	20.61	/	/	21.70
		135	138	/	/	19.64	19.53	/	/	20.70
		270	0	/	/	19.69	19.66	/	/	20.70
	DFT-s-OFDM 16QAM	1	1	/	/	19.58	19.71	/	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	20.83	20.88	/	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.94	20.92	20.93	20.95	20.85	20.91	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	21.00	20.91	20.97	20.81	20.96	20.82	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	



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60MHz	DFT-s-OFDM QPSK	1	1	20.84	20.97	20.76	20.90	20.93	20.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.84	20.86	20.93	20.85	20.99	20.81	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.82	21.00	20.92	20.94	20.84	21.00	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.90	20.96	20.97	20.80	20.88	20.88	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.80	20.87	20.96	20.86	20.80	20.81	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.96	20.83	20.96	20.97	20.98	21.00	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.90	20.95	20.89	20.89	20.93	20.99	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.97	20.88	20.87	21.00	20.87	20.83	21.70

N77 PC3 30kHz DSI3/5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	15.70
		1	137	/	/	14.95	14.90	/	/	15.70
		1	271	/	/	14.71	14.70	/	/	15.70
		135	0	/	/	14.59	14.72	/	/	15.70
		135	69	/	/	13.57	13.62	/	/	14.70
		135	138	/	/	14.64	14.63	/	/	15.70
		135	138	/	/	13.72	13.64	/	/	14.70
		270	0	/	/	13.71	13.77	/	/	14.70
	DFT-s-OFDM 16QAM	1	1	/	/	13.60	13.71	/	/	14.70
		1	1	/	/	13.60	13.71	/	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654734	657268	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	15.01	14.82	/	/	15.70



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Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.06	14.89	14.89	14.91	14.83	14.88	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	14.88	15.00	14.91	14.87	14.90	14.93	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.89	15.02	15.06	14.79	14.76	15.01	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.81	15.06	14.95	14.98	14.95	14.83	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	14.98	15.00	14.93	14.97	14.96	14.93	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.93	14.93	15.04	14.91	14.99	14.84	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	14.89	14.93	14.99	14.90	14.81	14.89	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.94	14.81	14.98	14.80	14.75	14.96	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.99	14.90	14.89	14.86	14.92	14.82	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.00	14.89	14.93	14.80	14.93	14.84	15.70

N77 PC3_30kHz DSI1				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	15.49	15.30	/	/	16.20
		1	137	/	/	15.18	15.12	/	/	16.20
		1	271	/	/	15.05	15.14	/	/	16.20
		135	0	/	/	14.08	14.06	/	/	15.20
		135	69	/	/	15.20	15.12	/	/	16.20
		135	138	/	/	14.01	13.99	/	/	15.20
		270	0	/	/	14.12	14.33	/	/	15.20



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	DFT-s-OFDM 16QAM	1	1	/	/	13.98	14.30	/	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649001	651800	654601	657401	660200	662999	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647666	651000	654332	657666	661000	664334	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	647499	650900	654298	657699	661100	664501	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647332	650800	654264	657732	661200	664668	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647165	650700	654230	657765	661300	664835	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	646998	650600	654196	657798	661400	665002	16.20



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N77 PC2_30kHz DSI4				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	22.94	22.83	/	/	24.40
		1	137	/	/	22.86	22.84	/	/	24.40
		1	271	/	/	22.71	22.78	/	/	24.40
		135	0	/	/	19.68	19.63	/	/	20.90
		135	69	/	/	22.77	22.73	/	/	24.40
		135	138	/	/	19.88	19.84	/	/	20.90
		270	0	/	/	22.57	22.58	/	/	23.40
	DFT-s-OFDM 16QAM	1	1	/	/	22.57	22.59	/	/	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	22.07	22.02	/	/	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	22.85	22.97	/	/	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.85	22.82	22.84	22.94	22.84	22.84	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	22.95	22.84	22.83	22.94	23.02	22.86	24.40
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	22.86	22.97	22.99	22.91	22.83	22.88	24.40
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	22.99	22.79	23.00	23.00	22.84	22.94	24.40
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	22.93	22.98	22.79	22.94	22.89	22.96	24.40
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	22.85	22.90	22.93	22.83	22.90	22.92	24.40
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	22.97	22.90	22.88	22.97	22.85	22.81	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	



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20MHz	DFT-s-OFDM QPSK	1	1	22.85	22.94	22.97	22.90	22.92	22.87	24.40
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.98	22.90	22.80	22.99	22.84	22.91	24.40
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.85	22.80	22.90	22.92	22.80	22.84	24.40

N77 PC2 30kHz DSI3/5				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	16.97	16.93	/	/	18.40
		1	137	/	/	16.82	16.85	/	/	18.40
		1	271	/	/	16.70	16.76	/	/	18.40
		135	0	/	/	13.62	13.60	/	/	14.90
		135	69	/	/	16.78	16.76	/	/	18.40
		135	138	/	/	13.86	13.85	/	/	14.90
		270	0	/	/	16.42	16.63	/	/	17.40
	DFT-s-OFDM 16QAM	1	1	/	/	15.87	15.79	/	/	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	15.39	15.28	/	/	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	16.93	16.86	/	/	18.40
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	16.97	16.86	16.96	16.87	16.91	17.04	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	16.90	16.94	17.04	16.95	16.98	16.81	18.40
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	16.89	16.99	16.85	17.04	16.92	16.90	18.40
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	16.89	16.82	16.96	16.86	16.99	16.98	18.40
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	16.85	16.89	16.97	16.88	17.01	16.94	18.40



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Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.82	16.98	16.93	16.82	16.93	17.01	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.89	16.85	16.99	16.96	16.91	16.91	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.79	16.78	16.99	17.02	16.90	16.88	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.94	16.92	16.89	16.91	16.95	16.89	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.99	16.93	16.97	16.86	16.92	17.01	18.40

N77 PC2 30kHz DSI1				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	18.90
		1	137	/	/	17.32	17.28	/	/	18.90
		1	271	/	/	17.29	17.38	/	/	18.90
		135	0	/	/	14.25	14.17	/	/	15.40
		135	69	/	/	17.31	17.22	/	/	18.90
		135	138	/	/	14.44	14.30	/	/	15.40
		270	0	/	/	16.97	17.12	/	/	17.90
	DFT-s-OFDM 16QAM	1	1	/	/	16.27	16.30	/	/	17.90
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	15.70	15.84	/	/	17.40
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654734	Channel 657268	Channel /	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	17.32	17.35	/	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.17	17.28	17.25	17.41	17.24	17.38	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.34	17.24	17.32	17.32	17.36	17.28	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up



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60MHz	DFT-s-OFDM QPSK	1	1	17.26	17.28	17.30	17.40	17.38	17.29	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.34	17.17	17.37	17.33	17.22	17.33	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.34	17.29	17.21	17.37	17.36	17.29	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.23	17.26	17.27	17.46	17.41	17.24	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.32	17.23	17.35	17.39	17.47	17.21	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.37	17.24	17.37	17.44	17.37	17.28	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.33	17.27	17.39	17.29	17.31	17.31	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.25	17.34	17.15	17.43	17.40	17.39	18.90

N78 PC3_30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.60
		1	137	/	21.18	/	22.60
		1	271	/	20.99	/	22.60
		135	0	/	19.85	/	21.60
		135	69	/	21.03	/	22.60
		135	138	/	19.86	/	21.60
		270	0	/	19.90	/	21.60
	DFT-s-OFDM 16QAM	1	1	/	19.79	/	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.30	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.07	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.10	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.00	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.04	21.18	21.17	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	20.97	20.98	21.28	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.16	21.18	21.09	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	21.30	21.09	21.16	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.23	21.12	21.13	22.60

N78 PC3_30kHz DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.69	/	17.10
		1	137	/	15.63	/	17.10
		1	271	/	15.35	/	17.10
		135	0	/	14.36	/	16.10
		135	69	/	15.49	/	17.10
		135	138	/	14.37	/	16.10
		270	0	/	14.23	/	16.10
	DFT-s-OFDM 16QAM	1	1	/	14.23	/	16.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.72	/	15.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.71	/	17.10



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.70	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.63	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.52	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.61	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.77	/	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.74	15.62	15.79	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.79	15.60	15.52	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.62	15.58	15.62	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.72	15.65	15.74	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.79	15.74	15.57	17.10

N78 PC3 30kHz DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.09	/	17.60
		1	137	/	16.00	/	17.60
		1	271	/	15.92	/	17.60
		135	0	/	14.87	/	16.60
		135	69	/	16.02	/	17.60
		135	138	/	14.81	/	16.60
		270	0	/	14.77	/	16.60
	DFT-s-OFDM 16QAM	1	1	/	14.63	/	16.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.14	/	16.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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90MHz	DFT-s-OFDM QPSK	1	1	/	16.19	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.08	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.15	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.19	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.21	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.99	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.19	16.03	15.96	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.03	15.98	16.22	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.04	16.06	15.95	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	16.08	16.13	16.03	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.24	16.16	16.08	17.60

N78 PC2_30kHz DSI4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.42	/	25.20
		1	137	/	23.60	/	25.20
		1	271	/	23.45	/	25.20
		135	0	/	20.09	/	21.70
		135	69	/	23.54	/	25.20
		135	138	/	20.02	/	21.70
		270	0	/	22.65	/	24.20
	DFT-s-OFDM 16QAM	1	1	/	22.82	/	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.30	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.49	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.56	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.54	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.39	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.39	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.24	/	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.49	23.54	23.57	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	23.27	23.43	23.46	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.58	23.40	23.33	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	23.28	23.44	23.52	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	23.40	23.48	23.44	25.20

N78 PC2 30kHz DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.95	/	19.70
		1	137	/	17.90	/	19.70
		1	271	/	17.85	/	19.70
		135	0	/	14.51	/	16.20
		135	69	/	18.00	/	19.70
		135	138	/	14.48	/	16.20
		270	0	/	17.20	/	18.70
	DFT-s-OFDM 16QAM	1	1	/	17.17	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.71	/	18.20



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.77	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.88	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.84	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.86	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.93	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.99	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.88	17.86	17.76	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.88	17.86	18.03	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.91	17.85	17.95	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	17.85	17.78	17.88	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	17.85	17.99	17.77	19.70

N78 PC2_30kHz DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	20.20
		1	137	/	18.41	/	20.20
		1	271	/	18.33	/	20.20
		135	0	/	15.07	/	16.70
		135	69	/	18.40	/	20.20
		135	138	/	14.97	/	16.70
		270	0	/	17.61	/	19.20
	DFT-s-OFDM 16QAM	1	1	/	17.68	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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100MHz	CP-OFDM QPSK	1	1	/	17.15	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.42	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.40	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.36	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.40	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.47	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	631001	633334	635667
30MHz	DFT-s-OFDM QPSK	1	1	18.43	18.56	18.38	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.29	18.35	18.41	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.53	18.51	18.46	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	18.54	18.33	18.29	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	18.42	18.53	18.59	20.20

N78 PC3 30kHz DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.06	/	22.60
		1	137	/	21.02	/	22.60
		1	271	/	20.97	/	22.60
		135	0	/	19.76	/	21.60
		135	69	/	21.03	/	22.60
		135	138	/	19.74	/	21.60
		270	0	/	19.65	/	21.60
	DFT-s-OFDM 16QAM	1	1	/	19.76	/	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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