

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

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

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	256QAM	50	0	19.39	19.33	19.28	19.10	19.36	21.00
		1	0	17.21	17.21	17.20	17.28	17.33	19.00
		1	25	17.49	17.52	17.28	17.27	17.41	19.00
		1	49	17.27	17.38	17.44	17.17	17.25	19.00
		25	0	17.38	17.32	17.32	17.28	18.44	19.00
		25	13	17.46	17.20	17.08	17.11	17.36	19.00
		25	25	17.48	17.53	17.40	17.53	17.37	19.00
		50	0	17.08	17.13	17.20	17.20	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.23	22.2	22.32	22.3	22.41	24.00
		1	38	22.28	22.4	22.31	22.26	22.3	24.00
		1	74	22.25	22.19	22.2	22.29	22.23	24.00
		36	0	21.3	21.3	21.18	21.31	22.36	23.00
		36	18	21.24	21.41	21.26	21.35	21.37	23.00
		36	39	21.34	21.33	21.34	21.3	21.32	23.00
		75	0	21.22	21.28	21.23	21.32	21.33	23.00
	16QAM	1	0	21.17	21.24	21.34	21.27	21.4	23.00
		1	38	21.32	21.43	21.17	21.43	21.29	23.00
		1	74	21.23	21.17	21.37	21.3	21.43	23.00
		36	0	20.19	20.21	20.24	20.07	21.11	22.00
		36	18	20.26	20.19	20.24	20.35	20.27	22.00
		36	39	20.45	20.51	20.36	20.41	20.2	22.00
		75	0	20.29	20.24	20.13	20.34	20.35	22.00
	64QAM	1	0	20.35	20.35	20.26	20.25	20.36	22.00
		1	38	20.27	20.19	20.22	20.23	20.33	22.00
		1	74	20.20	20.24	20.20	20.15	20.23	22.00
		36	0	19.18	19.24	19.08	19.23	20.18	21.00
		36	18	19.24	19.27	19.26	19.34	19.17	21.00
		36	39	19.32	19.53	19.45	19.38	19.34	21.00
		75	0	19.36	19.32	19.37	19.17	19.38	21.00
	256QAM	1	0	17.16	17.18	17.23	17.34	17.29	19.00
		1	38	17.40	17.42	17.26	17.31	17.38	19.00
		1	74	17.24	17.30	17.38	17.18	17.28	19.00
		36	0	17.28	17.37	17.28	17.22	18.41	19.00
		36	18	17.36	17.28	17.18	17.20	17.34	19.00
		36	39	17.44	17.43	17.34	17.43	17.33	19.00
		75	0	17.18	17.14	17.26	17.19	17.43	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.23	22.18	22.26	22.21	22.31	24.00
		1	50	22.34	22.36	22.28	22.36	22.39	24.00
		1	99	22.23	22.25	22.21	22.24	22.32	24.00
		50	0	21.25	21.3	21.22	21.3	21.2	23.00
		50	25	21.36	21.39	21.35	21.31	21.41	23.00
		50	50	21.31	21.37	21.29	21.3	21.32	23.00
		100	0	21.32	21.27	21.24	21.31	21.37	23.00
	16QAM	1	0	21.16	21.19	21.32	21.21	21.32	23.00
		1	50	21.32	21.35	21.25	21.35	21.26	23.00
		1	99	21.2	21.19	21.29	21.25	21.39	23.00
		50	0	20.2	20.2	20.29	20.15	21.2	22.00
		50	25	20.33	20.27	20.26	20.3	20.28	22.00
		50	50	20.4	20.43	20.38	20.41	20.27	22.00
		100	0	20.35	20.34	20.23	20.4	20.45	22.00
	64QAM	1	0	20.30	20.29	20.28	20.24	20.42	22.00
		1	50	20.25	20.23	20.30	20.22	20.31	22.00
		1	99	20.23	20.20	20.18	20.22	20.31	22.00
		50	0	19.23	19.27	19.17	19.19	20.23	21.00
		50	25	19.28	19.26	19.27	19.32	19.23	21.00
		50	50	19.38	19.43	19.39	19.32	19.30	21.00
		100	0	19.28	19.23	19.34	19.26	19.32	21.00



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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	256QAM	1	0	17.24	17.28	17.33	17.27	17.37	19.00
		1	50	17.32	17.38	17.27	17.38	17.31	19.00
		1	99	17.24	17.22	17.34	17.25	17.37	19.00
		50	0	17.26	17.31	17.28	17.20	18.35	19.00
		50	25	17.28	17.24	17.25	17.28	17.24	19.00
		50	50	17.40	17.40	17.32	17.45	17.31	19.00
		100	0	17.27	17.21	17.23	17.25	17.38	19.00

LTE Band 41 2496 - 2690 EC13/7				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	16.12	16.15	16.31	16.21	16.37	18.00
		1	13	16.2	16.6	16.25	16.25	16.34	18.00
		1	24	16.26	16.18	16.07	16.1	16.24	18.00
		12	0	16.28	16.1	16.02	16.23	17.48	18.00
		12	6	16.01	16.44	16.1	16.39	16.37	18.00
		12	13	16.27	16.47	16.47	16.36	16.34	18.00
		25	0	16.15	16.24	16.16	16.15	16.51	18.00
	16QAM	1	0	16	16.12	16.5	16.24	16.4	18.00
		1	13	16.36	16.41	16.16	16.55	16.46	18.00
		1	24	16.31	16.26	16.4	16.44	16.67	18.00
		12	0	16.19	16.21	16.18	16.04	17.03	18.00
		12	6	16.15	16.4	16.16	16.21	16.34	18.00
		12	13	16.4	16.64	16.45	16.37	16.22	18.00
		25	0	16.27	16.08	16.16	16.16	16.46	18.00
	64QAM	1	0	16.29	16.58	16.24	16.28	16.14	18.00
		1	13	16.30	16.17	16.19	16.27	16.30	18.00
		1	24	16.09	16.25	16.15	16.11	16.18	18.00
		12	0	16.27	16.00	16.20	16.33	17.19	18.00
		12	6	16.13	16.30	16.36	16.21	16.15	18.00
		12	13	16.27	16.44	16.50	16.34	16.26	18.00
		25	0	16.42	16.31	16.31	16.25	16.27	18.00
	256QAM	1	0	16.21	16.18	16.23	16.18	16.24	18.00
		1	13	16.45	16.61	16.30	16.24	16.43	18.00
		1	24	16.40	16.42	16.55	16.04	16.11	18.00
		12	0	16.48	16.25	16.23	16.14	17.54	18.00
		12	6	16.44	16.29	16.16	16.12	16.22	18.00
		12	13	16.48	16.51	16.38	16.54	16.36	18.00
		25	0	16.22	16.22	16.30	16.13	16.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	16.24	16.12	16.37	16.32	16.46	18.00
		1	25	16.18	16.49	16.21	16.31	16.33	18.00
		1	49	16.28	16.18	16.08	16.22	16.13	18.00
		25	0	16.26	16.22	16.1	16.43	17.35	18.00
		25	13	16.19	16.4	16.22	16.29	16.41	18.00
		25	25	16.37	16.34	16.36	16.39	16.46	18.00
		50	0	16.2	16.14	16.14	16.21	16.38	18.00
	16QAM	1	0	16.03	16.15	16.4	16.11	16.4	18.00
		1	25	16.34	16.44	16.29	16.39	16.35	18.00
		1	49	16.19	16.17	16.48	16.29	16.48	18.00
		25	0	16.13	16.36	16.25	16.11	17.06	18.00
		25	13	16.23	16.31	16.24	16.3	16.33	18.00
		25	25	16.43	16.54	16.41	16.38	16.16	18.00
		50	0	16.31	16.1	16.19	16.19	16.46	18.00
	64QAM	1	0	16.34	16.44	16.29	16.24	16.28	18.00
		1	25	16.22	16.22	16.12	16.32	16.31	18.00
		1	49	16.11	16.31	16.17	16.22	16.34	18.00
		25	0	16.14	16.16	16.04	16.12	17.09	18.00



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		25	13	16.06	16.17	16.32	16.31	16.12	18.00
		25	25	16.29	16.53	16.39	16.40	16.24	18.00
		50	0	16.40	16.33	16.30	16.04	16.33	18.00
	256QAM	1	0	16.23	16.27	16.20	16.29	16.36	18.00
		1	25	16.45	16.57	16.25	16.27	16.41	18.00
		1	49	16.35	16.44	16.52	16.22	16.23	18.00
		25	0	16.33	16.24	16.28	16.35	17.41	18.00
		25	13	16.45	16.22	16.08	16.06	16.28	18.00
		25	25	16.44	16.56	16.37	16.52	16.41	18.00
		50	0	16.15	16.07	16.23	16.18	16.32	18.00
				Channel	Channel	Channel	Channel	Channel	
				39725	40173	40620	41068	41515	Tune up
15MHz	QPSK	1	0	16.3	16.18	16.33	16.34	16.43	18.00
		1	38	16.3	16.47	16.36	16.28	16.32	18.00
		1	74	16.19	16.25	16.13	16.33	16.23	18.00
		36	0	16.34	16.38	16.18	16.24	17.33	18.00
		36	18	16.28	16.41	16.18	16.37	16.29	18.00
		36	39	16.3	16.41	16.3	16.3	16.24	18.00
		75	0	16.22	16.36	16.26	16.36	16.33	18.00
	16QAM	1	0	16.12	16.3	16.29	16.29	16.38	18.00
		1	38	16.38	16.46	16.25	16.49	16.22	18.00
		1	74	16.17	16.12	16.3	16.36	16.43	18.00
		36	0	16.16	16.21	16.28	16.03	17.06	18.00
		36	18	16.27	16.27	16.31	16.29	16.2	18.00
		36	39	16.43	16.59	16.37	16.42	16.22	18.00
		75	0	16.24	16.3	16.09	16.37	16.31	18.00
	64QAM	1	0	16.42	16.28	16.29	16.31	16.38	18.00
		1	38	16.31	16.13	16.28	16.20	16.29	18.00
		1	74	16.17	16.27	16.21	16.15	16.30	18.00
		36	0	16.17	16.25	16.06	16.29	17.14	18.00
		36	18	16.22	16.30	16.19	16.34	16.21	18.00
		36	39	16.25	16.48	16.42	16.34	16.32	18.00
		75	0	16.30	16.27	16.38	16.25	16.43	18.00
	256QAM	1	0	16.20	16.15	16.28	16.40	16.29	18.00
		1	38	16.46	16.42	16.23	16.24	16.30	18.00
		1	74	16.30	16.34	16.44	16.13	16.34	18.00
		36	0	16.35	16.45	16.21	16.30	17.39	18.00
		36	18	16.35	16.33	16.21	16.12	16.26	18.00
		36	39	16.38	16.40	16.26	16.50	16.34	18.00
		75	0	16.11	16.14	16.20	16.24	16.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	16.23	16.12	16.26	16.18	16.3	18.00
		1	50	16.28	16.39	16.29	16.4	16.43	18.00
		1	99	16.24	16.17	16.13	16.28	16.35	18.00
		50	0	16.28	16.35	16.27	16.35	16.21	18.00
		50	25	16.36	16.37	16.35	16.36	16.45	18.00
		50	50	16.29	16.32	16.28	16.31	16.36	18.00
		100	0	16.3	16.22	16.26	16.28	16.3	18.00
	16QAM	1	0	16.18	16.24	16.24	16.15	16.34	18.00
		1	50	16.32	16.27	16.25	16.36	16.28	18.00
		1	99	16.27	16.16	16.35	16.22	16.46	18.00
		50	0	16.27	16.22	16.31	16.16	17.12	18.00
		50	25	16.28	16.24	16.26	16.23	16.2	18.00
		50	50	16.38	16.48	16.34	16.47	16.35	18.00
		100	0	16.27	16.27	16.24	16.46	16.4	18.00
	64QAM	1	0	16.30	16.29	16.21	16.24	16.45	18.00
		1	50	16.19	16.16	16.26	16.25	16.23	18.00
		1	99	16.31	16.21	16.17	16.18	16.35	18.00
		50	0	16.16	16.34	16.14	16.25	17.21	18.00
		50	25	16.26	16.29	16.23	16.31	16.30	18.00



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	256QAM	50	50	16.33	16.42	16.38	16.26	16.32	18.00
		100	0	16.28	16.30	16.29	16.18	16.37	18.00
		1	0	16.25	16.31	16.28	16.21	16.40	18.00
		1	50	16.27	16.40	16.24	16.45	16.28	18.00
		1	99	16.23	16.23	16.36	16.21	16.36	18.00
		50	0	16.18	16.30	16.36	16.12	17.41	18.00
		50	25	16.21	16.24	16.23	16.35	16.20	18.00
		50	50	16.47	16.46	16.27	16.38	16.32	18.00
		100	0	16.30	16.28	16.28	16.27	16.44	18.00

LTE Band 41 2496 - 2690 ECI10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.06	18.15	18.33	18.16	18.43	20.00
		1	13	18.11	18.54	18.23	18.21	18.26	20.00
		1	24	18.29	18.19	18.23	18.09	18.15	20.00
		12	0	18.34	18.2	18.07	18.27	19.46	20.00
		12	6	18.07	18.37	18.03	18.25	18.35	20.00
		12	13	18.29	18.43	18.55	18.38	18.3	20.00
	16QAM	25	0	18.27	18.36	18.26	18.16	18.41	20.00
		1	0	18.04	18.07	18.5	18.17	18.51	20.00
		1	13	18.24	18.43	18.23	18.48	18.41	20.00
		1	24	18.26	18.29	18.48	18.4	18.56	20.00
		12	0	18.24	18.27	18.19	18.14	19.06	20.00
		12	6	18.15	18.37	18.2	18.27	18.36	20.00
	64QAM	12	13	18.42	18.51	18.56	18.48	18.17	20.00
		25	0	18.42	18.12	18.19	18.26	18.5	20.00
		1	0	18.30	18.48	18.28	18.35	18.23	20.00
		1	13	18.25	18.15	18.24	18.31	18.27	20.00
		1	24	18.13	18.26	18.13	18.13	18.19	20.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
	256QAM	12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
		1	13	17.58	17.53	17.32	17.21	17.41	19.00
		1	24	17.39	17.37	17.58	17.05	17.24	19.00
10MHz	QPSK	12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
		1	13	17.58	17.53	17.32	17.21	17.41	19.00
	16QAM	1	24	17.39	17.37	17.58	17.05	17.24	19.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
	64QAM	1	13	17.58	17.53	17.32	17.21	17.41	19.00
		1	24	17.39	17.37	17.58	17.05	17.24	19.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
	QPSK	1	0	18.27	18.04	18.39	18.25	18.44	20.00
		1	25	18.18	18.52	18.2	18.25	18.32	20.00
		1	49	18.28	18.22	18.24	18.23	18.25	20.00
		25	0	18.22	18.27	18.15	18.31	19.38	20.00
		25	13	18.22	18.41	18.16	18.32	18.36	20.00
		25	25	18.32	18.42	18.36	18.28	18.43	20.00
	16QAM	50	0	18.2	18.15	18.11	18.27	18.34	20.00
		1	0	18.12	18.07	18.36	18.17	18.39	20.00
		1	25	18.36	18.51	18.27	18.4	18.31	20.00
		1	49	18.23	18.28	18.39	18.44	18.52	20.00
		25	0	18.25	18.35	18.15	18.08	19.09	20.00
		25	13	18.31	18.31	18.21	18.19	18.31	20.00
	64QAM	25	25	18.55	18.5	18.45	18.36	18.2	20.00
		50	0	18.39	18.15	18.24	18.21	18.42	20.00
		1	0	18.30	18.52	18.33	18.33	18.20	20.00
		1	25	18.20	18.23	18.24	18.26	18.31	20.00



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		1	49	18.17	18.32	18.24	18.13	18.26	20.00
		25	0	18.09	18.17	18.02	18.17	19.14	20.00
		25	13	18.11	18.20	18.31	18.21	18.04	20.00
		25	25	18.21	18.49	18.46	18.31	18.18	20.00
		50	0	18.47	18.34	18.32	18.13	18.33	20.00
	256QAM	1	0	17.24	17.13	17.24	17.21	17.30	19.00
		1	25	17.55	17.50	17.33	17.29	17.47	19.00
		1	49	17.25	17.38	17.52	17.11	17.23	19.00
		25	0	17.46	17.40	17.34	17.29	18.44	19.00
		25	13	17.53	17.15	17.06	17.17	17.38	19.00
		25	25	17.53	17.51	17.34	17.46	17.44	19.00
		50	0	17.01	17.21	17.26	17.16	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.17	18.27	18.34	18.24	18.34	20.00
		1	38	18.21	18.39	18.38	18.32	18.37	20.00
		1	74	18.33	18.17	18.14	18.29	18.21	20.00
		36	0	18.22	18.3	18.17	18.32	19.33	20.00
		36	18	18.19	18.4	18.34	18.33	18.33	20.00
		36	39	18.33	18.33	18.33	18.36	18.33	20.00
		75	0	18.16	18.21	18.22	18.26	18.35	20.00
	16QAM	1	0	18.14	18.29	18.33	18.3	18.32	20.00
		1	38	18.28	18.35	18.16	18.51	18.33	20.00
		1	74	18.24	18.09	18.42	18.31	18.48	20.00
		36	0	18.22	18.2	18.23	18.04	19.07	20.00
		36	18	18.22	18.16	18.23	18.35	18.32	20.00
		36	39	18.4	18.48	18.32	18.35	18.24	20.00
		75	0	18.21	18.25	18.2	18.28	18.35	20.00
	64QAM	1	0	18.33	18.32	18.25	18.19	18.29	20.00
		1	38	18.30	18.15	18.26	18.22	18.34	20.00
		1	74	18.13	18.21	18.15	18.10	18.16	20.00
		36	0	18.23	18.19	18.02	18.25	19.26	20.00
		36	18	18.18	18.31	18.33	18.39	18.17	20.00
		36	39	18.38	18.56	18.51	18.46	18.37	20.00
		75	0	18.44	18.35	18.32	18.09	18.35	20.00
	256QAM	1	0	17.13	17.26	17.16	17.40	17.32	19.00
		1	38	17.38	17.50	17.21	17.30	17.45	19.00
		1	74	17.19	17.26	17.33	17.22	17.26	19.00
		36	0	17.25	17.42	17.24	17.21	18.39	19.00
		36	18	17.44	17.28	17.23	17.27	17.27	19.00
		36	39	17.38	17.42	17.27	17.43	17.38	19.00
		75	0	17.13	17.12	17.29	17.17	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.18	18.1	18.26	18.13	18.32	20.00
		1	50	18.35	18.36	18.31	18.39	18.44	20.00
		1	99	18.19	18.25	18.29	18.26	18.26	20.00
		50	0	18.33	18.34	18.14	18.22	18.21	20.00
		50	25	18.35	18.41	18.4	18.33	18.45	20.00
		50	50	18.35	18.29	18.21	18.32	18.29	20.00
		100	0	18.38	18.24	18.23	18.37	18.42	20.00
	16QAM	1	0	18.17	18.2	18.34	18.19	18.35	20.00
		1	50	18.31	18.43	18.29	18.28	18.23	20.00
		1	99	18.12	18.27	18.28	18.23	18.31	20.00
		50	0	18.14	18.21	18.32	18.16	19.13	20.00
		50	25	18.41	18.21	18.33	18.33	18.36	20.00
		50	50	18.45	18.5	18.46	18.44	18.19	20.00
		100	0	18.27	18.29	18.27	18.44	18.51	20.00
	64QAM	1	0	18.37	18.29	18.36	18.25	18.42	20.00
		1	50	18.33	18.16	18.31	18.27	18.23	20.00
		1	99	18.29	18.13	18.17	18.21	18.26	20.00



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		50	0	18.26	18.28	18.12	18.17	19.24	20.00
		50	25	18.28	18.27	18.29	18.27	18.15	20.00
		50	50	18.42	18.45	18.32	18.24	18.30	20.00
		100	0	18.22	18.16	18.38	18.32	18.25	20.00
	256QAM	1	0	17.19	17.22	17.30	17.19	17.31	19.00
		1	50	17.37	17.34	17.24	17.31	17.25	19.00
		1	99	17.29	17.24	17.31	17.22	17.38	19.00
		50	0	17.21	17.24	17.32	17.23	18.37	19.00
		50	25	17.27	17.16	17.33	17.34	17.19	19.00
		50	50	17.41	17.47	17.24	17.45	17.29	19.00
		100	0	17.22	17.14	17.25	17.23	17.37	19.00



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4 Conducted Power of NR SA

4.1 Conducted Power of NR (Ant1)

N77 PC3 30kHz ECI 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	22.50
		1	137	/	21.31	/	22.50
		1	271	/	21.41	/	22.50
		135	0	/	21.42	/	21.50
		135	69	/	20.37	/	22.50
		135	138	/	21.29	/	21.50
		270	0	/	20.35	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.33	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	



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25MHz	DFT-s-OFDM QPSK	1	1	21.23	21.37	21.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.28	21.19	21.34	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.24	21.45	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.29	21.28	21.42	22.50

N77 PC3 30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.28	/	19.50
		1	137	/	18.42	/	19.50
		1	271	/	18.48	/	19.50
		135	0	/	17.36	/	18.50
		135	69	/	18.33	/	19.50
		135	138	/	17.34	/	18.50
		270	0	/	17.32	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.32	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.87	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.26	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.15	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.27	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.40	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.40	/	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.31	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.39	18.30	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.17	18.37	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.35	18.17	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	18.14	18.21	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.42	18.26	18.40	19.50

N77 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.26	/	18.50
		1	137	/	17.44	/	18.50
		1	271	/	17.53	/	18.50
		135	0	/	16.40	/	17.50
		135	69	/	17.30	/	18.50
		135	138	/	16.33	/	17.50
		270	0	/	16.28	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.35	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.82	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.35	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.26	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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70MHz	DFT-s-OFDM QPSK	1	1	/	17.22	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.25	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.19	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.31	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.37	17.28	17.21	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.39	17.20	17.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.14	17.28	17.24	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.31	17.40	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.28	17.30	17.27	18.50

N77 PC3 30kHz ECI 10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.78	/	21.00
		1	137	/	19.96	/	21.00
		1	271	/	20.04	/	21.00
		135	0	/	18.84	/	20.00
		135	69	/	19.80	/	21.00
		135	138	/	18.82	/	20.00
		270	0	/	18.79	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.81	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.33	/	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.89	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.66	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.79	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.75	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.64	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.69	19.88	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.90	19.88	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.90	19.66	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.81	19.73	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.84	19.86	19.64	21.00

N77 PC2 30kHz ECI 2/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz		1	1	/	21.47	/	22.50
		1	137	/	21.42	/	22.50



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	DFT-s-OFDM QPSK	1	271	/	21.39	/	22.50
		135	0	/	17.93	/	19.00
		135	69	/	21.45	/	22.50
		135	138	/	17.92	/	19.00
		270	0	/	20.48	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.42	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.95	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.30	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.45	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.29	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.54	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.55	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.32	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.52	21.45	21.42	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.31	21.48	21.54	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	21.48	21.54	21.55	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	21.43	21.29	21.41	22.50



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N77 PC2 30kHz ECI 3				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.47	/	19.50
		1	137	/	18.44	/	19.50
		1	271	/	18.39	/	19.50
		135	0	/	14.90	/	16.00
		135	69	/	18.47	/	19.50
		135	138	/	14.92	/	16.00
		270	0	/	17.52	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.46	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.91	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.35	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.45	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.38	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.47	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.37	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.44	18.59	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	



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15MHz	DFT-s-OFDM QPSK	1	1	18.40	18.42	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.33	18.51	18.35	19.50

N77 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.46	/	18.50
		1	137	/	17.45	/	18.50
		1	271	/	17.43	/	18.50
		135	0	/	13.96	/	15.00
		135	69	/	17.53	/	18.50
		135	138	/	13.89	/	15.00
		270	0	/	16.46	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.53	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.02	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.37	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.27	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.56	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.39	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.40	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.38	17.26	17.27	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.56	17.46	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.27	17.36	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.54	17.43	17.30	18.50

N77 PC2 30kHz ECI 10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	19.98	/	21.00
		1	137	/	19.96	/	21.00
		1	271	/	19.88	/	21.00
		135	0	/	16.47	/	17.50
		135	69	/	19.99	/	21.00
		135	138	/	16.37	/	17.50
		270	0	/	18.98	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.97	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	18.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	19.96	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	19.92	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	20.08	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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40MHz	DFT-s-OFDM QPSK	1	1	/	20.07	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.01	19.81	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.96	19.82	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.11	19.90	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.89	19.81	19.99	21.00

N77 PC3 30kHz ECI 2/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/
				/	/	3822.00	3858.00	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.35	21.39	/	/
		1	137	/	/	21.40	21.45	/	/
		1	271	/	/	21.37	21.34	/	/
		135	0	/	/	20.31	20.27	/	/
		135	69	/	/	21.33	21.36	/	/
		135	138	/	/	20.29	20.31	/	/
		270	0	/	/	20.33	20.34	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	20.32	20.35	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel
				/	/	3822.00	3858.00	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	19.85	19.81	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				/	/	654734	657268	/	/
90MHz	DFT-s-OFDM QPSK	1	1	/	/	21.37	21.41	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649334	652000	654668	657334	660000	662666
80MHz	DFT-s-OFDM QPSK	1	1	21.39	21.42	21.29	21.40	21.44	21.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				649001	651800	654601	657401	660200	662999
70MHz	DFT-s-OFDM QPSK	1	1	21.27	21.40	21.36	21.35	21.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648668	651600	654534	657468	660400	663332
60MHz	DFT-s-OFDM QPSK	1	1	21.27	21.25	21.38	21.48	21.46	21.29



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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	21.30	21.34	21.39	21.46	21.42	21.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.28	21.37	21.39	21.47	21.45	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.36	21.33	21.27	21.37	21.37	21.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.26	21.44	21.35	21.43	21.47	21.48	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.35	21.43	21.25	21.33	21.35	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.31	21.29	21.30	21.42	21.48	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.37	21.43	21.25	21.31	21.31	21.39	22.50

N77 PC3 30kHz ECI 3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	18.37	18.38	/	/	19.50
		1	137	/	/	18.43	18.43	/	/	19.50
		1	271	/	/	18.34	18.28	/	/	19.50
		135	0	/	/	17.35	17.27	/	/	18.50
		135	69	/	/	18.37	18.31	/	/	19.50
		135	138	/	/	17.23	17.29	/	/	18.50
		270	0	/	/	17.28	17.33	/	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	/	17.33	17.32	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	16.82	16.85	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654734	Channel 657268	Channel /	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	18.28	18.39	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up



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80MHz	DFT-s-OFDM QPSK	1	1	18.40	18.47	18.27	18.48	18.36	18.29	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.36	18.33	18.42	18.28	18.29	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.35	18.43	18.34	18.33	18.28	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.31	18.47	18.41	18.38	18.45	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.28	18.32	18.30	18.33	18.31	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.27	18.41	18.39	18.36	18.38	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.40	18.43	18.42	18.34	18.32	18.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.44	18.39	18.30	18.33	18.33	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.32	18.36	18.35	18.47	18.34	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.30	18.37	18.38	18.31	18.28	18.32	19.50

N77 PC3 30kHz ECI 7				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	18.50
		1	137	/	/	3822.00	3858.00	/	/	18.50
		1	271	/	/	17.35	17.35	/	/	18.50
		135	0	/	/	17.40	17.49	/	/	18.50
		135	69	/	/	17.29	17.34	/	/	17.50
		135	138	/	/	16.41	16.27	/	/	18.50
		135	138	/	/	17.42	17.28	/	/	17.50
		270	0	/	/	16.24	16.34	/	/	17.50



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	DFT-s-OFDM 16QAM	1	1	/	/	16.37	16.26	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.41	17.33	17.28	17.33	17.38	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.41	17.32	17.43	17.29	17.34	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.45	17.27	17.35	17.37	17.33	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.36	17.34	17.39	17.31	17.41	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.43	17.45	17.45	17.40	17.34	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.33	17.32	17.40	17.25	17.44	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.26	17.31	17.28	17.27	17.41	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.31	17.27	17.32	17.41	17.35	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.32	17.35	17.33	17.39	17.25	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.28	17.28	17.25	17.45	17.25	17.44	18.50



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N77 PC3 30kHz ECI 10				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	/	/	21.00
		1	137	/	/	3822.00	3858.00	/	/	21.00
		1	271	/	/	19.93	19.86	/	/	21.00
		135	0	/	/	19.97	19.96	/	/	21.00
		135	69	/	/	19.95	19.81	/	/	20.00
		135	138	/	/	18.91	18.84	/	/	21.00
		135	138	/	/	19.89	19.77	/	/	21.00
	DFT-s-OFDM 16QAM	270	0	/	/	18.68	18.82	/	/	20.00
100MHz	CP-OFDM QPSK	1	1	/	/	18.76	18.90	/	/	20.00
		1	1	/	/	18.85	18.77	/	/	20.00
100MHz	CP-OFDM QPSK	1	1	/	/	18.34	18.25	/	/	19.50
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	21.00
80MHz	DFT-s-OFDM QPSK	1	1	19.99	19.94	19.88	19.95	19.89	19.78	21.00
70MHz	DFT-s-OFDM QPSK	1	1	19.96	19.85	19.98	19.95	19.89	19.94	21.00
60MHz	DFT-s-OFDM QPSK	1	1	19.92	19.84	19.84	19.84	19.83	19.83	21.00
50MHz	DFT-s-OFDM QPSK	1	1	19.85	19.91	19.84	19.90	19.78	19.88	21.00
40MHz	DFT-s-OFDM QPSK	1	1	19.84	19.90	20.00	19.89	19.92	19.91	21.00
30MHz	DFT-s-OFDM QPSK	1	1	20.03	19.91	20.00	19.77	19.92	19.82	21.00
25MHz	DFT-s-OFDM QPSK	1	1	19.93	19.94	19.99	19.89	19.91	19.83	21.00
20MHz	DFT-s-OFDM QPSK	1	1	19.93	19.94	19.99	19.89	19.91	19.83	21.00



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20MHz	DFT-s-OFDM QPSK	1	1	19.98	20.00	19.88	19.89	19.93	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.84	19.95	20.00	19.78	19.96	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.89	19.84	19.93	19.78	19.76	19.78	21.00

N77 PC2_30kHz ECI 2/4				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.40	21.44	/	/	22.50
		1	137	/	/	21.35	21.37	/	/	22.50
		1	271	/	/	21.38	21.30	/	/	22.50
		135	0	/	/	17.86	17.93	/	/	19.00
		135	69	/	/	21.41	21.39	/	/	22.50
		135	138	/	/	17.90	17.89	/	/	19.00
		270	0	/	/	20.47	20.50	/	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	/	20.34	20.42	/	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	19.88	19.95	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	21.55	21.26	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.36	21.38	21.39	21.32	21.41	21.31	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	21.43	21.50	21.48	21.29	21.28	21.44	22.50
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	21.38	21.42	21.39	21.38	21.25	21.26	22.50
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	21.52	21.56	21.52	21.37	21.41	21.34	22.50
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	21.49	21.37	21.51	21.37	21.41	21.25	22.50



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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	21.48	21.54	21.40	21.38	21.24	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.53	21.38	21.45	21.29	21.33	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.38	21.48	21.40	21.42	21.25	21.31	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.41	21.48	21.28	21.39	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.45	21.39	21.43	21.38	21.34	21.44	22.50

N77 PC2_30kHz ECI 3				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	/	/	19.50
		1	137	/	/	18.41	18.46	/	/	19.50
		1	271	/	/	18.39	18.39	/	/	19.50
		135	0	/	/	18.33	18.29	/	/	16.00
		135	69	/	/	14.86	14.95	/	/	19.50
		135	138	/	/	18.42	18.37	/	/	19.50
		270	0	/	/	14.93	14.85	/	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	/	17.43	17.48	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	654800	657200	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	654734	657268	Channel /	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.53	18.45	18.48	18.31	18.45	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.49	18.53	18.53	18.30	18.34	18.33	19.50
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	18.37	18.52	18.41	18.46	18.41	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.43	18.36	18.55	18.43	18.33	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.50	18.50	18.39	18.44	18.37	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.45	18.49	18.49	18.37	18.43	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.40	18.40	18.48	18.45	18.45	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.47	18.39	18.54	18.28	18.37	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.50	18.40	18.56	18.29	18.37	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.47	18.46	18.37	18.40	18.40	18.29	19.50

N77 PC2_30kHz ECI 7				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/	18.50
		1	137	/	/	3822.00	3858.00	/	/	18.50
		1	271	/	/	17.45	17.49	/	/	18.50
		135	0	/	/	17.40	17.41	/	/	18.50
		135	69	/	/	17.32	17.28	/	/	15.00
		135	69	/	/	17.46	17.38	/	/	15.00
		135	138	/	/	17.46	17.38	/	/	15.00
		270	0	/	/	13.90	13.81	/	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	/	16.43	16.50	/	/	17.50
		1	1	/	/	16.48	16.42	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	3822.00	3858.00	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	654734	657268	/	/	18.50



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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	17.46	17.41	17.42	17.28	17.40	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.56	17.58	17.50	17.24	17.24	17.43	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.60	17.40	17.51	17.27	17.35	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.56	17.41	17.46	17.30	17.37	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.49	17.60	17.50	17.40	17.30	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.40	17.50	17.42	17.40	17.39	17.25	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.42	17.46	17.43	17.44	17.27	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.51	17.41	17.53	17.25	17.36	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.40	17.49	17.40	17.40	17.30	17.43	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.51	17.49	17.60	17.29	17.42	17.42	18.50

N77 PC2_30kHz ECI 10				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.91	19.93	/	/	21.00
		1	137	/	/	19.85	19.90	/	/	21.00
		1	271	/	/	19.81	19.75	/	/	21.00
		135	0	/	/	16.32	16.48	/	/	17.50
		135	69	/	/	19.92	19.90	/	/	21.00
		135	138	/	/	16.36	16.30	/	/	17.50
		270	0	/	/	18.87	18.96	/	/	20.00



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	DFT-s-OFDM 16QAM	1	1	/	/	18.94	18.91	/	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	18.45	18.36	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	19.92	19.88	/	/	21.00
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	20.07	19.88	19.89	19.90	19.89	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	19.93	19.88	19.98	19.88	19.71	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.98	19.95	20.00	19.82	19.85	19.83	21.00
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	19.92	19.99	20.01	19.88	19.87	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.05	20.05	20.00	19.74	19.82	19.80	21.00
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	20.05	19.95	20.00	19.80	19.82	19.87	21.00
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	19.93	20.07	20.00	19.83	19.73	19.75	21.00
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	20.01	20.06	19.96	19.74	19.89	19.82	21.00
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	19.96	20.04	20.07	19.86	19.81	19.86	21.00
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	20.05	20.02	20.02	19.86	19.90	19.81	21.00



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N78 PC3 30kHz ECI 2/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.50
		1	137	/	21.38	/	22.50
		1	271	/	21.28	/	22.50
		135	0	/	20.24	/	21.50
		135	69	/	21.36	/	22.50
		135	138	/	20.30	/	21.50
		270	0	/	20.35	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.23	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.76	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.03	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.25	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.09	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.10	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.01	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.03	21.10	21.02	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	21.06	21.14	21.16	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	



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20MHz	DFT-s-OFDM QPSK	1	1	21.21	21.02	21.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.11	21.21	21.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.21	21.30	21.14	22.50

N78 PC3_30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.09	/	19.50
		1	137	/	18.37	/	19.50
		1	271	/	18.31	/	19.50
		135	0	/	17.23	/	18.50
		135	69	/	18.32	/	19.50
		135	138	/	17.24	/	18.50
		270	0	/	17.38	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.33	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.85	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.22	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.10	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.94	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.22	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.24	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.13	/	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.95	18.24	18.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635833	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.23	18.19	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.98	18.13	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630501	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.11	18.02	17.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.15	18.20	18.00	19.50

N78 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	18.50
		1	137	/	17.11	/	18.50
		1	271	/	17.32	/	18.50
		135	0	/	17.32	/	17.50
		135	69	/	16.29	/	18.50
		135	138	/	17.37	/	18.50
		270	0	/	16.27	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.34	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.82	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.14	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	17.08	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.01	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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60MHz	DFT-s-OFDM QPSK	1	1	/	17.18	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.98	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.25	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.25	17.12	16.97	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.24	16.99	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.25	17.09	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.15	17.08	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.14	16.97	16.97	18.50

N78 PC3 30kHz ECI 10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.67	/	21.00
		1	137	/	19.87	/	21.00
		1	271	/	19.82	/	21.00
		135	0	/	18.66	/	20.00
		135	69	/	19.84	/	21.00
		135	138	/	18.74	/	20.00
		270	0	/	18.89	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.89	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.35	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.65	/	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.82	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.75	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.60	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.73	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.52	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.71	19.58	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.80	19.53	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.76	19.68	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.76	19.80	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.82	19.58	19.67	21.00

N78 PC2_30kHz ECI 2/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.21	/	22.50
		1	137	/	21.30	/	22.50
		1	271	/	21.35	/	22.50
		135	0	/	17.85	/	19.00
		135	69	/	21.38	/	22.50
		135	138	/	17.84	/	19.00
		270	0	/	20.30	/	21.50



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	DFT-s-OFDM 16QAM	1	1	/	20.41	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.90	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	21.22	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	21.28	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	21.28	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	21.13	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.32	21.31	21.30	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.17	21.30	21.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.21	21.07	21.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.13	21.36	21.35	22.50

N78 PC2_30kHz ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	



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100MHz	DFT-s-OFDM QPSK	1	1	/	18.15	/	19.50
		1	137	/	18.33	/	19.50
		1	271	/	18.38	/	19.50
		135	0	/	14.87	/	16.00
		135	69	/	18.42	/	19.50
		135	138	/	14.83	/	16.00
	DFT-s-OFDM 16QAM	270	0	/	17.27	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.19	18.07	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.27	18.14	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.29	18.28	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

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10MHz	DFT-s-OFDM QPSK	1	1	18.03	18.25	18.28	19.50
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N78 PC2 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.20	/	18.50
		1	137	/	17.38	/	18.50
		1	271	/	17.41	/	18.50
		135	0	/	13.81	/	15.00
		135	69	/	17.44	/	18.50
		135	138	/	13.87	/	15.00
		270	0	/	16.27	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.49	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.99	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.23	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	17.13	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.32	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.08	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	17.17	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.08	17.30	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.13	17.15	18.50



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com