

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

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		12	6	18.42	18.45	18.67	18.58	18.45	19.50
		12	13	18.51	18.56	18.72	18.60	18.62	19.50
		25	0	18.37	18.51	18.47	18.55	18.50	19.50
	16QAM	1	0	18.21	18.12	18.54	18.32	18.15	19.50
		1	13	18.24	18.21	18.57	18.15	18.16	19.50
		1	24	18.58	18.62	18.30	18.55	18.54	19.50
		12	0	18.45	18.34	18.68	18.45	18.49	19.50
		12	6	18.50	18.54	18.78	18.52	18.42	19.50
		12	13	18.56	18.61	18.57	18.48	18.57	19.50
		25	0	18.59	18.49	18.62	18.52	18.37	19.50
	64QAM	1	0	18.04	17.93	18.31	18.04	17.97	19.50
		1	13	17.90	17.97	18.13	18.28	18.08	19.50
		1	24	18.20	18.23	18.19	18.20	18.12	19.50
		12	0	18.32	18.37	18.80	18.52	18.47	19.50
		12	6	18.58	18.55	18.67	18.41	18.37	19.50
		12	13	18.49	18.42	18.50	18.65	18.39	19.50
		25	0	18.50	18.50	18.74	18.41	18.51	19.50
	256QAM	1	0	17.13	17.22	17.41	17.13	17.05	18.50
		1	13	17.10	17.12	17.32	17.13	17.23	18.50
		1	24	17.14	17.24	17.29	17.14	17.08	18.50
		12	0	17.23	17.28	17.64	17.21	17.29	18.50
		12	6	17.40	17.35	17.45	17.47	17.35	18.50
		12	13	17.33	17.24	17.44	17.28	17.34	18.50
		25	0	17.29	17.34	17.56	17.33	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.42	18.55	18.72	18.40	18.35	19.50
		1	25	18.39	18.42	18.55	18.54	18.52	19.50
		1	49	18.52	18.48	18.39	18.48	18.57	19.50
		25	0	18.48	18.40	18.68	18.46	18.52	19.50
		25	13	18.47	18.46	18.72	18.64	18.42	19.50
		25	25	18.56	18.55	18.70	18.56	18.44	19.50
		50	0	18.44	18.54	18.49	18.51	18.42	19.50
	16QAM	1	0	18.17	18.10	18.53	18.13	18.11	19.50
		1	25	18.10	18.09	18.65	18.07	18.15	19.50
		1	49	18.49	18.55	18.22	18.54	18.54	19.50
		25	0	18.49	18.41	18.70	18.51	18.35	19.50
		25	13	18.44	18.44	18.63	18.41	18.42	19.50
		25	25	18.61	18.56	18.67	18.48	18.56	19.50



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		50	0	18.54	18.60	18.63	18.46	18.52	19.50
	64QAM	1	0	18.08	18.01	18.33	17.91	17.93	19.50
		1	25	17.89	18.14	18.11	18.30	18.16	19.50
		1	49	18.14	18.39	18.15	18.26	18.08	19.50
		25	0	18.42	18.44	18.79	18.47	18.53	19.50
		25	13	18.45	18.53	18.71	18.57	18.50	19.50
		25	25	18.56	18.50	18.69	18.54	18.51	19.50
		50	0	18.43	18.59	18.74	18.56	18.40	19.50
	256QAM	1	0	17.20	17.28	17.32	17.16	17.15	18.50
		1	25	17.12	17.26	17.45	17.16	17.08	18.50
		1	49	17.27	17.17	17.24	17.21	17.12	18.50
		25	0	17.16	17.36	17.64	17.23	17.30	18.50
		25	13	17.42	17.46	17.46	17.49	17.32	18.50
		25	25	17.36	17.33	17.40	17.35	17.38	18.50
		50	0	17.25	17.42	17.58	17.26	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.41	18.37	18.66	18.52	18.41	19.50
		1	38	18.47	18.40	18.65	18.41	18.39	19.50
		1	74	18.47	18.57	18.39	18.50	18.58	19.50
		36	0	18.49	18.42	18.68	18.43	18.42	19.50
		36	18	18.58	18.45	18.80	18.60	18.41	19.50
		36	39	18.41	18.41	18.64	18.51	18.53	19.50
		75	0	18.53	18.62	18.45	18.50	18.55	19.50
	16QAM	1	0	18.17	18.14	18.61	18.17	18.24	19.50
		1	38	18.17	18.22	18.58	18.25	18.17	19.50
		1	74	18.50	18.67	18.34	18.53	18.48	19.50
		36	0	18.42	18.32	18.76	18.55	18.42	19.50
		36	18	18.56	18.54	18.74	18.39	18.48	19.50
		36	39	18.56	18.53	18.70	18.43	18.53	19.50
		75	0	18.47	18.61	18.66	18.41	18.50	19.50
	64QAM	1	0	17.92	17.95	18.36	18.05	18.05	19.50
		1	38	17.91	18.02	18.01	18.35	18.27	19.50
		1	74	18.17	18.29	18.05	18.13	18.11	19.50
		36	0	18.35	18.43	18.67	18.53	18.40	19.50
		36	18	18.54	18.52	18.75	18.58	18.53	19.50
		36	39	18.47	18.52	18.67	18.57	18.54	19.50
		75	0	18.39	18.52	18.66	18.47	18.49	19.50
	256QAM	1	0	17.14	17.10	17.35	17.17	17.01	18.50



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		1	38	17.04	17.19	17.26	17.20	17.10	18.50
		1	74	17.20	17.28	17.25	17.18	17.21	18.50
		36	0	17.19	17.30	17.49	17.27	17.36	18.50
		36	18	17.32	17.34	17.45	17.58	17.41	18.50
		36	39	17.35	17.37	17.42	17.35	17.31	18.50
		75	0	17.25	17.35	17.59	17.37	17.35	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.45	18.46	18.71	18.46	18.43	19.50
		1	50	18.42	18.46	18.65	18.49	18.46	19.50
		1	99	18.48	18.50	18.48	18.51	18.53	19.50
		50	0	18.41	18.41	18.74	18.49	18.42	19.50
		50	25	18.48	18.46	18.71	18.55	18.50	19.50
		50	50	18.48	18.49	18.63	18.54	18.54	19.50
		100	0	18.45	18.55	18.45	18.58	18.49	19.50
	16QAM	1	0	18.17	18.19	18.55	18.22	18.17	19.50
		1	50	18.15	18.18	18.57	18.17	18.10	19.50
		1	99	18.53	18.62	18.31	18.63	18.56	19.50
		50	0	18.41	18.40	18.72	18.49	18.44	19.50
		50	25	18.50	18.50	18.71	18.49	18.46	19.50
		50	50	18.52	18.55	18.60	18.50	18.47	19.50
		100	0	18.51	18.54	18.63	18.50	18.47	19.50
	64QAM	1	0	17.98	17.97	18.32	18.00	17.97	19.50
		1	50	17.99	18.05	18.08	18.27	18.18	19.50
		1	99	18.22	18.31	18.14	18.17	18.09	19.50
		50	0	18.41	18.45	18.71	18.52	18.44	19.50
		50	25	18.49	18.49	18.68	18.48	18.47	19.50
		50	50	18.51	18.51	18.60	18.55	18.48	19.50
		100	0	18.45	18.55	18.67	18.49	18.41	19.50
	256QAM	1	0	17.12	17.19	17.39	17.08	17.06	18.50
		1	50	17.11	17.21	17.35	17.15	17.13	18.50
		1	99	17.17	17.25	17.22	17.17	17.18	18.50
		50	0	17.24	17.33	17.59	17.28	17.30	18.50
		50	25	17.32	17.38	17.45	17.49	17.39	18.50
		50	50	17.34	17.33	17.47	17.36	17.38	18.50
		100	0	17.26	17.33	17.51	17.36	17.30	18.50



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LTE Band 41 PC3 Eci7				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	12.89	13.03	13.14	12.85	12.90	14.00
		1	13	12.90	13.00	13.20	13.00	12.96	14.00
		1	24	12.88	13.08	12.87	13.05	13.06	14.00
		12	0	12.97	12.87	13.13	12.89	12.89	14.00
		12	6	12.90	13.06	13.20	13.09	12.95	14.00
		12	13	12.94	12.94	12.99	13.05	12.95	14.00
		25	0	12.81	12.86	13.04	13.08	12.99	14.00
	16QAM	1	0	12.94	13.02	13.09	12.88	12.80	14.00
		1	13	12.94	13.03	13.18	12.92	12.95	14.00
		1	24	13.05	12.91	13.01	13.16	12.94	14.00
		12	0	12.88	12.83	13.28	12.84	12.83	14.00
		12	6	12.85	13.00	13.22	13.02	13.02	14.00
		12	13	12.96	12.94	13.06	12.99	13.02	14.00
		25	0	12.94	13.00	13.10	13.09	13.06	14.00
	64QAM	1	0	12.58	12.65	12.92	12.55	12.52	14.00
		1	13	12.53	12.54	12.92	12.87	12.71	14.00
		1	24	12.72	12.71	12.79	12.73	12.66	14.00
		12	0	12.90	12.88	13.19	12.97	12.94	14.00
		12	6	13.06	12.90	13.20	13.01	12.87	14.00
		12	13	13.03	13.00	13.12	13.04	12.87	14.00
		25	0	12.95	13.05	13.21	13.02	12.89	14.00
	256QAM	1	0	12.77	12.72	13.09	12.73	12.70	14.00
		1	13	12.81	12.95	13.02	12.80	12.78	14.00
		1	24	12.77	13.01	12.94	12.81	12.81	14.00
		12	0	12.91	12.96	13.24	12.99	12.93	14.00
		12	6	13.01	13.10	13.12	13.00	13.04	14.00
		12	13	12.98	13.02	13.09	13.08	13.13	14.00
		25	0	12.87	13.04	13.21	12.96	12.92	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	12.87	13.00	13.21	12.86	12.97	14.00
		1	25	12.98	12.84	13.28	12.86	12.88	14.00
		1	49	12.99	12.94	13.04	12.94	12.97	14.00
		25	0	12.88	12.93	13.22	12.95	12.85	14.00



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		25	13	12.96	13.08	13.16	13.08	12.89	14.00
		25	25	12.94	13.04	13.14	13.00	13.04	14.00
		50	0	12.96	12.93	13.14	13.06	13.07	14.00
	16QAM	1	0	12.87	13.00	13.15	12.80	12.96	14.00
		1	25	12.83	13.03	13.13	12.88	12.90	14.00
		1	49	12.89	13.10	13.10	13.18	12.95	14.00
		25	0	12.89	12.87	13.17	12.88	13.02	14.00
		25	13	13.04	12.98	13.24	13.09	13.06	14.00
		25	25	13.02	13.04	13.00	13.10	13.06	14.00
		50	0	12.90	12.96	13.20	13.00	12.94	14.00
	64QAM	1	0	12.62	12.63	12.92	12.51	12.49	14.00
		1	25	12.55	12.56	13.02	12.77	12.68	14.00
		1	49	12.70	12.68	12.78	12.56	12.60	14.00
		25	0	12.89	12.77	13.16	13.09	13.01	14.00
		25	13	12.90	12.99	13.11	13.00	12.90	14.00
		25	25	12.96	12.95	13.19	12.98	12.87	14.00
		50	0	12.82	12.96	13.05	13.07	13.03	14.00
	256QAM	1	0	12.79	12.75	13.02	12.65	12.55	14.00
		1	25	12.76	12.88	13.06	12.80	12.89	14.00
		1	49	12.87	12.86	12.95	13.00	12.88	14.00
		25	0	12.93	12.93	13.31	12.94	12.90	14.00
		25	13	13.07	13.05	13.10	13.06	12.94	14.00
		25	25	13.02	12.98	13.13	12.98	13.08	14.00
		50	0	13.02	13.01	13.20	12.91	13.07	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	12.91	13.10	13.20	12.94	12.80	14.00
		1	38	12.81	13.00	13.26	12.87	12.84	14.00
		1	74	12.88	12.92	13.07	13.07	12.92	14.00
		36	0	12.78	12.81	13.24	12.85	12.93	14.00
		36	18	12.95	13.05	13.07	13.01	12.86	14.00
		36	39	12.91	12.96	12.99	12.95	12.99	14.00
		75	0	12.94	12.96	13.24	12.98	13.04	14.00
	16QAM	1	0	12.94	13.09	13.10	12.86	12.97	14.00
		1	38	12.90	12.94	13.21	12.92	12.93	14.00
		1	74	12.89	13.07	12.99	13.02	12.99	14.00
		36	0	12.95	12.95	13.19	12.97	12.89	14.00
		36	18	12.89	12.97	13.16	13.12	13.03	14.00
		36	39	12.94	13.01	13.05	13.16	13.04	14.00



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		75	0	12.94	12.86	13.17	12.98	13.04	14.00
	64QAM	1	0	12.61	12.62	12.89	12.57	12.60	14.00
		1	38	12.66	12.53	12.84	12.75	12.67	14.00
		1	74	12.63	12.77	12.64	12.56	12.73	14.00
		36	0	12.81	12.95	13.20	13.07	12.88	14.00
		36	18	12.86	12.91	13.18	13.12	12.90	14.00
		36	39	12.88	13.07	13.06	13.11	12.91	14.00
		75	0	12.84	12.92	13.04	13.06	12.95	14.00
	256QAM	1	0	12.75	12.79	13.05	12.59	12.61	14.00
		1	38	12.85	12.88	13.15	12.76	12.83	14.00
		1	74	12.82	12.95	12.94	12.92	12.99	14.00
		36	0	12.84	12.93	13.31	13.00	13.07	14.00
		36	18	13.05	13.03	13.16	13.11	13.04	14.00
		36	39	13.05	12.99	13.22	13.01	13.07	14.00
		75	0	12.94	12.99	13.18	13.02	13.03	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	12.92	13.02	13.17	12.89	12.88	14.00
		1	50	12.90	12.93	13.16	12.95	12.90	14.00
		1	99	13.24	12.99	12.97	12.99	12.99	14.00
		50	0	12.87	12.90	13.20	12.89	12.89	14.00
		50	25	12.92	12.98	13.14	13.05	12.96	14.00
		50	50	12.93	12.95	13.07	13.03	12.97	14.00
		100	0	12.91	12.96	13.14	12.99	12.98	14.00
	16QAM	1	0	12.95	13.04	13.18	12.86	12.87	14.00
		1	50	12.92	13.02	13.18	12.95	12.95	14.00
		1	99	12.96	13.00	13.01	13.08	13.04	14.00
		50	0	12.86	12.92	13.20	12.91	12.93	14.00
		50	25	12.95	13.02	13.17	13.03	13.00	14.00
		50	50	12.95	12.94	13.07	13.06	12.99	14.00
		100	0	12.94	12.95	13.17	13.01	13.01	14.00
	64QAM	1	0	12.65	12.63	12.93	12.55	12.50	14.00
		1	50	12.61	12.60	12.94	12.77	12.67	14.00
		1	99	12.67	12.75	12.72	12.65	12.64	14.00
		50	0	12.88	12.86	13.20	13.01	12.93	14.00
		50	25	12.96	12.97	13.19	13.06	12.97	14.00
		50	50	12.96	12.99	13.09	13.03	12.97	14.00
		100	0	12.92	13.01	13.14	13.01	12.97	14.00
	256QAM	1	0	12.79	12.78	13.07	12.68	12.65	14.00



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		1	50	12.79	12.88	13.07	12.86	12.80	14.00
		1	99	12.84	12.92	12.90	12.90	12.90	14.00
		50	0	12.93	12.96	13.25	13.02	12.98	14.00
		50	25	12.98	13.03	13.20	13.10	13.03	14.00
		50	50	12.98	13.03	13.14	13.04	13.05	14.00
		100	0	12.94	12.98	13.17	13.01	12.98	14.00



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8 Conducted Power of Main Antenna (Ant10)

8.1 Conducted Power of LTE

LTE Band 42 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	20.31	20.13	20.26	21.50
		1	13	20.18	19.92	20.34	21.50
		1	24	19.82	20.18	20.68	21.50
		12	0	19.37	18.92	19.29	20.50
		12	6	19.21	19.18	19.20	20.50
		12	13	19.24	19.29	19.28	20.50
		25	0	19.32	18.99	19.30	20.50
	16QAM	1	0	19.16	19.05	19.57	20.50
		1	13	19.19	19.36	19.47	20.50
		1	24	19.32	19.58	19.31	20.50
		12	0	18.09	17.79	18.35	19.50
		12	6	18.03	18.26	18.31	19.50
		12	13	18.22	18.28	18.54	19.50
		25	0	18.06	18.13	18.44	19.50
	64QAM	1	0	18.32	18.01	18.16	19.50
		1	13	18.08	18.05	18.12	19.50
		1	24	18.07	18.19	18.34	19.50
		12	0	17.21	17.15	17.29	18.50
		12	6	17.18	17.20	17.32	18.50
		12	13	17.25	17.32	17.44	18.50
		25	0	17.28	17.08	17.24	18.50
	256QAM	1	0	15.23	15.05	15.19	16.50
		1	13	15.06	15.33	15.28	16.50
		1	24	15.33	15.14	15.18	16.50
		12	0	15.11	15.16	15.37	16.50
		12	6	15.14	15.30	15.23	16.50
		12	13	15.22	15.36	14.98	16.50
		25	0	15.04	15.03	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	20.14	20.13	20.21	21.50
		1	25	20.07	19.98	20.40	21.50



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		1	49	19.94	20.22	20.71	21.50
		25	0	19.20	18.90	19.42	20.50
		25	13	19.18	19.23	19.25	20.50
		25	25	19.35	19.25	19.29	20.50
		50	0	19.17	18.98	19.28	20.50
	16QAM	1	0	19.12	19.12	19.62	20.50
		1	25	19.21	19.19	19.47	20.50
		1	49	19.37	19.44	19.36	20.50
		25	0	18.09	17.89	18.23	19.50
		25	13	18.15	18.18	18.46	19.50
		25	25	18.15	18.17	18.40	19.50
		50	0	17.98	18.04	18.27	19.50
	64QAM	1	0	18.13	17.99	18.19	19.50
		1	25	18.17	17.94	18.14	19.50
		1	49	18.12	18.16	18.21	19.50
		25	0	17.17	17.06	17.15	18.50
		25	13	17.18	17.15	17.18	18.50
		25	25	17.11	17.18	17.32	18.50
		50	0	17.36	17.06	17.32	18.50
	256QAM	1	0	15.09	15.01	15.29	16.50
		1	25	15.09	15.24	15.20	16.50
		1	49	15.26	15.06	15.07	16.50
		25	0	15.23	15.13	15.27	16.50
		25	13	15.19	15.20	15.35	16.50
		25	25	15.16	15.22	14.88	16.50
		50	0	14.96	15.09	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	20.14	20.09	20.40	21.50
		1	38	20.21	20.06	20.29	21.50
		1	74	19.90	20.24	20.63	21.50
		36	0	19.37	19.01	19.41	20.50
		36	18	19.33	19.20	19.21	20.50
		36	39	19.30	19.14	19.45	20.50
		75	0	19.26	19.05	19.21	20.50
	16QAM	1	0	19.16	19.09	19.58	20.50
		1	38	19.20	19.17	19.53	20.50
		1	74	19.27	19.62	19.36	20.50
		36	0	18.15	17.81	18.20	19.50



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		36	18	18.10	18.32	18.41	19.50
		36	39	18.25	18.29	18.39	19.50
		75	0	18.06	18.13	18.38	19.50
	64QAM	1	0	18.18	17.89	18.22	19.50
		1	38	18.13	17.96	18.25	19.50
		1	74	18.03	18.09	18.24	19.50
		36	0	17.13	17.06	17.32	18.50
		36	18	17.22	17.01	17.27	18.50
		36	39	17.18	17.37	17.36	18.50
		75	0	17.36	17.06	17.34	18.50
	256QAM	1	0	15.11	14.98	15.10	16.50
		1	38	15.02	15.24	15.25	16.50
		1	74	15.25	15.10	15.23	16.50
		36	0	15.13	15.24	15.21	16.50
		36	18	15.09	15.31	15.36	16.50
		36	39	15.27	15.34	14.96	16.50
		75	0	14.99	14.98	15.28	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					42190	42590	42990
	20MHz	QPSK	1	0	20.24	20.05	20.30
			1	50	20.15	19.98	20.35
			1	99	19.92	20.21	20.64
			50	0	19.27	18.94	19.33
			50	25	19.23	19.18	19.27
			50	50	19.32	19.21	19.35
			100	0	19.23	19.05	19.27
		16QAM	1	0	19.22	19.10	19.62
			1	50	19.23	19.27	19.53
			1	99	19.35	19.53	19.35
			50	0	18.07	17.89	18.28
			50	25	18.07	18.23	18.41
			50	50	18.16	18.26	18.49
			100	0	18.08	18.06	18.34
		64QAM	1	0	18.22	17.92	18.23
			1	50	18.10	18.00	18.20
			1	99	18.03	18.14	18.28
			50	0	17.13	17.07	17.23
			50	25	17.13	17.11	17.27
			50	50	17.21	17.28	17.36



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		100	0	17.30	17.16	17.32	18.50
	256QAM	1	0	15.18	15.07	15.20	16.50
		1	50	15.04	15.29	15.27	16.50
		1	99	15.26	15.12	15.13	16.50
		50	0	15.19	15.19	15.27	16.50
		50	25	15.11	15.30	15.26	16.50
		50	50	15.21	15.28	14.94	16.50
		100	0	15.00	15.08	15.27	16.50

LTE Band 42 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	14.04	13.67	14.08	15.00
		1	13	13.99	13.62	14.22	15.00
		1	24	13.86	13.54	14.18	15.00
		12	0	13.98	13.66	14.13	15.00
		12	6	14.01	13.55	14.18	15.00
		12	13	14.02	13.61	14.33	15.00
		25	0	13.94	13.61	14.30	15.00
	16QAM	1	0	13.78	13.63	13.94	15.00
		1	13	13.97	13.60	14.13	15.00
		1	24	13.95	13.59	14.30	15.00
		12	0	14.03	13.57	14.18	15.00
		12	6	14.04	13.68	14.16	15.00
		12	13	14.02	13.53	14.36	15.00
		25	0	13.95	13.68	14.28	15.00
	64QAM	1	0	13.60	13.25	13.68	15.00
		1	13	13.79	13.41	13.86	15.00
		1	24	13.66	13.27	14.02	15.00
		12	0	14.00	13.74	14.28	15.00
		12	6	14.14	13.74	14.18	15.00
		12	13	14.01	13.64	14.20	15.00
		25	0	14.00	13.71	14.22	15.00
	256QAM	1	0	13.79	13.54	13.96	15.00
		1	13	13.89	13.43	13.99	15.00
		1	24	13.85	13.38	14.25	15.00
		12	0	14.01	13.68	14.12	15.00
		12	6	14.20	13.68	14.37	15.00



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		12	13	14.19	13.66	14.33	15.00
		25	0	14.02	13.60	14.29	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	13.97	13.74	14.08	15.00
		1	25	13.93	13.59	14.10	15.00
		1	49	13.98	13.56	14.26	15.00
		25	0	13.92	13.72	14.21	15.00
		25	13	14.05	13.56	14.24	15.00
		25	25	14.01	13.65	14.18	15.00
		50	0	14.11	13.61	14.22	15.00
	16QAM	1	0	13.82	13.66	13.93	15.00
		1	25	14.10	13.69	14.16	15.00
		1	49	13.94	13.65	14.26	15.00
		25	0	14.01	13.72	14.24	15.00
		25	13	13.99	13.53	14.24	15.00
		25	25	14.13	13.61	14.35	15.00
		50	0	13.98	13.69	14.25	15.00
	64QAM	1	0	13.59	13.36	13.81	15.00
		1	25	13.61	13.37	13.90	15.00
		1	49	13.71	13.19	13.98	15.00
		25	0	14.14	13.74	14.22	15.00
		25	13	14.16	13.66	14.21	15.00
		25	25	14.00	13.62	14.37	15.00
		50	0	14.01	13.56	14.10	15.00
	256QAM	1	0	13.83	13.50	13.83	15.00
		1	25	13.89	13.53	14.17	15.00
		1	49	13.93	13.52	14.18	15.00
		25	0	14.19	13.69	14.11	15.00
		25	13	14.20	13.70	14.30	15.00
		25	25	14.06	13.58	14.38	15.00
		50	0	14.07	13.56	14.19	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	14.03	13.66	14.07	15.00
		1	38	13.98	13.52	14.19	15.00
		1	74	13.91	13.56	14.23	15.00
		36	0	14.06	13.70	14.12	15.00
		36	18	13.96	13.64	14.24	15.00



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		36	39	13.97	13.56	14.29	15.00
		75	0	13.95	13.50	14.28	15.00
	16QAM	1	0	13.96	13.53	13.94	15.00
		1	38	13.94	13.68	14.21	15.00
		1	74	14.00	13.70	14.30	15.00
		36	0	14.10	13.65	14.17	15.00
		36	18	14.00	13.55	14.20	15.00
		36	39	14.00	13.55	14.29	15.00
		75	0	14.12	13.68	14.23	15.00
	64QAM	1	0	13.67	13.33	13.70	15.00
		1	38	13.65	13.43	13.91	15.00
		1	74	13.70	13.19	13.87	15.00
		36	0	14.14	13.56	14.29	15.00
		36	18	14.14	13.67	14.19	15.00
		36	39	13.98	13.57	14.30	15.00
		75	0	13.99	13.52	14.21	15.00
	256QAM	1	0	13.71	13.45	13.93	15.00
		1	38	13.94	13.60	14.03	15.00
		1	74	13.78	13.52	14.09	15.00
		36	0	14.14	13.70	14.26	15.00
		36	18	14.07	13.71	14.36	15.00
		36	39	14.00	13.60	14.34	15.00
		75	0	14.01	13.57	14.28	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	13.97	13.72	14.05	15.00
		1	50	13.97	13.59	14.15	15.00
		1	99	13.92	13.58	14.25	15.00
		50	0	14.01	13.62	14.16	15.00
		50	25	14.05	13.60	14.23	15.00
		50	50	14.06	13.65	14.27	15.00
		100	0	14.02	13.60	14.21	15.00
	16QAM	1	0	13.87	13.60	13.98	15.00
		1	50	14.01	13.62	14.22	15.00
		1	99	13.95	13.61	14.33	15.00
		50	0	14.02	13.64	14.15	15.00
		50	25	14.08	13.62	14.23	15.00
		50	50	14.04	13.62	14.29	15.00
		100	0	14.05	13.63	14.25	15.00



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	64QAM	1	0	13.61	13.27	13.72	15.00
		1	50	13.71	13.33	13.86	15.00
		1	99	13.64	13.28	13.97	15.00
		50	0	14.04	13.64	14.19	15.00
		50	25	14.09	13.66	14.25	15.00
		50	50	14.05	13.64	14.30	15.00
		100	0	14.02	13.61	14.20	15.00
	256QAM	1	0	13.80	13.47	13.89	15.00
		1	50	13.89	13.50	14.08	15.00
		1	99	13.85	13.48	14.19	15.00
		50	0	14.09	13.67	14.20	15.00
		50	25	14.13	13.68	14.27	15.00
		50	50	14.09	13.66	14.33	15.00
		100	0	14.06	13.61	14.22	15.00

LTE Band 42 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	10.43	9.91	10.45	11.50
		1	13	10.33	9.92	10.68	11.50
		1	24	10.29	10.11	10.70	11.50
		12	0	10.49	10.12	10.69	11.50
		12	6	10.55	10.03	10.72	11.50
		12	13	10.46	10.03	10.80	11.50
		25	0	10.53	9.98	10.62	11.50
	16QAM	1	0	10.51	10.06	10.37	11.50
		1	13	10.56	10.04	10.81	11.50
		1	24	10.60	10.14	10.89	11.50
		12	0	10.60	10.14	10.68	11.50
		12	6	10.49	10.01	10.60	11.50
		12	13	10.49	10.04	10.72	11.50
		25	0	10.43	10.09	10.76	11.50
	64QAM	1	0	10.04	9.59	10.21	11.50
		1	13	10.25	9.74	10.51	11.50
		1	24	10.24	9.72	10.46	11.50
		12	0	10.36	10.03	10.56	11.50
		12	6	10.46	10.15	10.77	11.50
		12	13	10.42	10.07	10.65	11.50



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		25	0	10.44	10.15	10.71	11.50
	256QAM	1	0	10.37	9.79	10.36	11.50
		1	13	10.39	10.06	10.43	11.50
		1	24	10.37	10.01	10.74	11.50
		12	0	10.53	10.23	10.60	11.50
		12	6	10.59	10.04	10.66	11.50
		12	13	10.60	10.03	10.79	11.50
		25	0	10.42	10.16	10.74	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	10.33	9.91	10.40	11.50
		1	25	10.34	9.99	10.66	11.50
		1	49	10.33	10.01	10.81	11.50
		25	0	10.53	10.07	10.71	11.50
		25	13	10.48	10.09	10.79	11.50
		25	25	10.58	10.11	10.72	11.50
		50	0	10.56	9.98	10.64	11.50
	16QAM	1	0	10.43	9.98	10.51	11.50
		1	25	10.54	10.09	10.71	11.50
		1	49	10.55	10.04	10.91	11.50
		25	0	10.59	10.09	10.63	11.50
		25	13	10.66	10.13	10.77	11.50
		25	25	10.58	10.15	10.68	11.50
		50	0	10.52	10.15	10.83	11.50
	64QAM	1	0	10.18	9.76	10.25	11.50
		1	25	10.13	9.80	10.38	11.50
		1	49	10.07	9.82	10.38	11.50
		25	0	10.54	10.02	10.71	11.50
		25	13	10.49	10.17	10.74	11.50
		25	25	10.46	10.21	10.86	11.50
		50	0	10.53	9.96	10.62	11.50
	256QAM	1	0	10.22	9.83	10.43	11.50
		1	25	10.33	9.99	10.46	11.50
		1	49	10.35	9.82	10.55	11.50
		25	0	10.44	10.21	10.76	11.50
		25	13	10.62	10.05	10.82	11.50
		25	25	10.52	10.05	10.80	11.50
		50	0	10.51	10.01	10.79	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				42165	42590	43015	
15MHz	QPSK	1	0	10.29	10.11	10.50	11.50
		1	38	10.43	10.07	10.75	11.50
		1	74	10.32	10.10	10.58	11.50
		36	0	10.47	10.04	10.63	11.50
		36	18	10.49	10.11	10.63	11.50
		36	39	10.49	10.11	10.84	11.50
		75	0	10.46	10.02	10.70	11.50
	16QAM	1	0	10.40	10.06	10.53	11.50
		1	38	10.56	10.07	10.81	11.50
		1	74	10.45	10.06	10.91	11.50
		36	0	10.52	10.17	10.53	11.50
		36	18	10.65	10.02	10.70	11.50
		36	39	10.39	9.99	10.88	11.50
		75	0	10.47	10.06	10.64	11.50
	64QAM	1	0	10.10	9.66	10.11	11.50
		1	38	10.10	9.78	10.41	11.50
		1	74	10.06	9.81	10.60	11.50
		36	0	10.44	10.15	10.54	11.50
		36	18	10.43	10.20	10.74	11.50
		36	39	10.49	10.03	10.84	11.50
		75	0	10.54	10.03	10.75	11.50
	256QAM	1	0	10.21	9.90	10.38	11.50
		1	38	10.33	9.94	10.55	11.50
		1	74	10.35	9.84	10.73	11.50
		36	0	10.46	10.15	10.65	11.50
		36	18	10.52	10.07	10.81	11.50
		36	39	10.58	10.13	10.82	11.50
		75	0	10.55	10.13	10.67	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	10.49	10.06	10.45	11.50
		1	50	10.48	10.07	10.67	11.50
		1	99	10.43	10.09	10.73	11.50
		50	0	10.51	10.10	10.66	11.50
		50	25	10.54	10.09	10.74	11.50
		50	50	10.55	10.10	10.79	11.50
		100	0	10.51	10.09	10.72	11.50
	16QAM	1	0	10.49	10.06	10.52	11.50



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		1	50	10.56	10.13	10.74	11.50
		1	99	10.52	10.12	10.84	11.50
		50	0	10.52	10.14	10.68	11.50
		50	25	10.58	10.15	10.75	11.50
		50	50	10.54	10.12	10.80	11.50
		100	0	10.53	10.12	10.76	11.50
	64QAM	1	0	10.10	9.72	10.25	11.50
		1	50	10.19	9.84	10.44	11.50
		1	99	10.16	9.81	10.52	11.50
		50	0	10.51	10.13	10.68	11.50
		50	25	10.56	10.13	10.76	11.50
		50	50	10.53	10.13	10.80	11.50
	256QAM	100	0	10.52	10.09	10.71	11.50
		1	0	10.30	9.84	10.40	11.50
		1	50	10.36	9.98	10.58	11.50
		1	99	10.35	9.97	10.68	11.50
		50	0	10.57	10.15	10.71	11.50
		50	25	10.62	10.15	10.78	11.50
		50	50	10.59	10.16	10.83	11.50
		100	0	10.53	10.10	10.72	11.50

LTE Band 42 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	18.94	18.92	19.18	20.00
		1	13	18.98	18.69	19.31	20.00
		1	24	19.05	18.68	19.40	20.00
		12	0	19.16	18.62	19.18	20.00
		12	6	19.17	18.72	19.24	20.00
		12	13	19.25	18.84	19.38	20.00
		25	0	19.11	18.61	19.38	20.00
	16QAM	1	0	19.06	18.65	19.16	20.00
		1	13	19.07	18.74	19.31	20.00
		1	24	19.12	18.68	19.45	20.00
		12	0	18.67	18.26	18.71	19.50
		12	6	18.72	18.28	18.87	19.50
		12	13	18.74	18.24	18.83	19.50
		25	0	18.57	18.19	18.83	19.50



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	64QAM	1	0	18.27	17.83	18.23	19.50
		1	13	18.25	17.86	18.45	19.50
		1	24	18.32	17.87	18.56	19.50
		12	0	17.57	17.21	17.71	18.50
		12	6	17.54	17.08	17.71	18.50
		12	13	17.65	17.16	17.72	18.50
		25	0	17.50	17.01	17.61	18.50
	256QAM	1	0	15.26	14.91	15.30	16.50
		1	13	15.47	15.06	15.67	16.50
		1	24	15.31	14.97	15.60	16.50
		12	0	15.67	15.21	15.78	16.50
		12	6	15.70	15.17	15.72	16.50
		12	13	15.56	15.11	15.79	16.50
		25	0	15.64	15.21	15.68	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	18.87	18.91	19.07	20.00
		1	25	18.97	18.70	19.28	20.00
		1	49	19.02	18.69	19.44	20.00
		25	0	19.20	18.72	19.25	20.00
		25	13	19.19	18.68	19.30	20.00
		25	25	19.07	18.74	19.38	20.00
		50	0	19.09	18.74	19.33	20.00
	16QAM	1	0	19.05	18.71	19.03	20.00
		1	25	19.11	18.65	19.36	20.00
		1	49	19.08	18.62	19.50	20.00
		25	0	18.66	18.22	18.82	19.50
		25	13	18.65	18.23	18.83	19.50
		25	25	18.73	18.27	18.84	19.50
		50	0	18.75	18.15	18.89	19.50
	64QAM	1	0	18.11	17.81	18.33	19.50
		1	25	18.37	17.89	18.40	19.50
		1	49	18.23	17.80	18.66	19.50
		25	0	17.62	17.07	17.74	18.50
		25	13	17.58	17.15	17.84	18.50
		25	25	17.65	17.21	17.74	18.50
		50	0	17.55	17.17	17.78	18.50
	256QAM	1	0	15.29	14.90	15.42	16.50
		1	25	15.49	14.98	15.49	16.50



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		1	49	15.38	14.97	15.65	16.50
		25	0	15.50	15.13	15.60	16.50
		25	13	15.64	15.11	15.79	16.50
		25	25	15.56	15.19	15.78	16.50
		50	0	15.62	15.08	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	18.88	18.84	19.14	20.00
		1	38	19.16	18.72	19.23	20.00
		1	74	19.12	18.75	19.32	20.00
		36	0	19.20	18.67	19.18	20.00
		36	18	19.09	18.80	19.25	20.00
		36	39	19.18	18.65	19.40	20.00
		75	0	19.15	18.62	19.37	20.00
	16QAM	1	0	19.04	18.64	19.15	20.00
		1	38	19.11	18.71	19.27	20.00
		1	74	19.11	18.66	19.48	20.00
		36	0	18.58	18.28	18.77	19.50
		36	18	18.77	18.13	18.88	19.50
		36	39	18.69	18.21	18.88	19.50
		75	0	18.56	18.18	18.80	19.50
	64QAM	1	0	18.22	17.82	18.36	19.50
		1	38	18.23	17.95	18.54	19.50
		1	74	18.17	17.83	18.62	19.50
		36	0	17.53	17.13	17.64	18.50
		36	18	17.63	17.12	17.75	18.50
		36	39	17.64	17.10	17.73	18.50
		75	0	17.55	17.09	17.79	18.50
	256QAM	1	0	15.36	15.06	15.38	16.50
		1	38	15.38	15.07	15.66	16.50
		1	74	15.25	14.94	15.60	16.50
		36	0	15.64	15.17	15.78	16.50
		36	18	15.63	15.11	15.87	16.50
		36	39	15.51	15.19	15.91	16.50
		75	0	15.61	15.14	15.64	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	18.87	18.90	19.11	20.00
		1	50	19.07	18.69	19.25	20.00



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		1	99	19.02	18.68	19.35	20.00
		50	0	19.11	18.72	19.26	20.00
		50	25	19.15	18.70	19.33	20.00
		50	50	19.16	18.95	19.37	20.00
		100	0	19.12	18.70	19.31	20.00
	16QAM	1	0	18.97	18.70	19.08	20.00
		1	50	19.11	18.72	19.32	20.00
		1	99	19.05	18.71	19.43	20.00
		50	0	18.62	18.24	18.75	19.50
		50	25	18.68	18.22	18.83	19.50
		50	50	18.64	18.22	18.89	19.50
		100	0	18.65	18.23	18.85	19.50
	64QAM	1	0	18.21	17.87	18.32	19.50
		1	50	18.31	17.93	18.46	19.50
		1	99	18.24	17.88	18.57	19.50
		50	0	17.54	17.14	17.69	18.50
		50	25	17.59	17.16	17.75	18.50
		50	50	17.55	17.14	17.80	18.50
		100	0	17.52	17.11	17.70	18.50
	256QAM	1	0	15.30	14.97	15.39	16.50
		1	50	15.39	15.00	15.58	16.50
		1	99	15.35	14.98	15.69	16.50
		50	0	15.59	15.17	15.70	16.50
		50	25	15.63	15.18	15.77	16.50
		50	50	15.59	15.16	15.83	16.50



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9 Conducted Power of LTE Uplink CA

9.1 Conducted Power of LTE Uplink CA (Ant0)

Combination	Modulation	PCC					SCC					ECI2/4/9		ECI3/7	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	21.41	22.00	18.92	19.50
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	21.01	22.00	18.75	19.50
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	20.93	22.00	18.64	19.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	20.85	22.00	18.59	19.50
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	20.91	22.00	18.6	19.50
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	20.8	22.00	18.46	19.50

9.2 Conducted Power of LTE Uplink CA (Ant1)

Combination	Modulation	PCC					SCC					ECI2		ECI3		ECI4		ECI7		ECI19	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	16.89	17.50	18.88	19.50	21.23	22.00	14.89	15.50	19.43	20.00
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	16.83	17.50	18.77	19.50	21.14	22.00	14.82	15.50	19.31	20.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	16.91	17.50	18.9	19.50	21.19	22.00	14.85	15.50	19.42	20.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	16.99	17.50	18.96	19.50	21.22	22.00	14.99	15.50	19.55	20.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	16.95	17.50	18.88	19.50	21.18	22.00	14.91	15.50	19.43	20.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	16.7	17.50	18.62	19.50	21.04	22.00	14.64	15.50	19.24	20.00

9.3 Conducted Power of LTE Uplink CA (Ant2)

Combination	Modulation	PCC					SCC					ECI2/3/4/19		ECI7	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	22.65	23.50	22.25	23.00
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	22.33	23.50	22.1	23.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	22.51	23.50	22.31	23.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	22.5	23.50	22.37	23.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	22.57	23.50	22.28	23.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	22.15	23.50	21.98	23.00



9.4 Conducted Power of LTE Uplink CA (Ant4)

Combination	Modulation	PCC					SCC					ECI2/3		ECI4/19		ECI7	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	15.80	17.00	20.16	21.50	15.03	16.50
CA_42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	15.7	17.00	20.07	21.50	14.93	16.50
CA_42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	15.65	17.00	20.05	21.50	14.94	16.50
CA_42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	16.07	17.00	20.51	21.50	15.36	16.50

9.5 Conducted Power of LTE Uplink CA (Ant7)

Combination	Modulation	PCC					SCC					ECI2		ECI3		ECI4		ECI7		ECI19	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	14.93	16.00	15.90	17.00	22.77	24.00	13.87	15.50	16.40	18.00
CA_42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	15.00	16.00	16.04	17.00	22.87	24.00	14.04	15.50	16.46	18.00
CA_42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	14.86	16.00	15.89	17.00	22.76	24.00	13.86	15.50	16.53	18.00
CA_42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	15.16	16.00	16.50	17.00	23.40	24.00	14.46	15.50	16.96	18.00

9.6 Conducted Power of LTE Uplink CA (Ant8)

Combination	Modulation	PCC					SCC					ECI2/3/4		ECI7		ECI19	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	22.21	23.00	19.86	21.00	20.33	21.50
CA_42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	22.23	23.00	19.87	21.00	20.32	21.50
CA_42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	22.39	23.00	19.90	21.00	20.39	21.50
CA_42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	22.56	23.00	20.15	21.00	20.68	21.50

9.7 Conducted Power of LTE Uplink CA (Ant9)

Combination	Modulation	PCC					SCC					ECI2		ECI3/19		ECI4		ECI7	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	19.15	20.00	18.74	19.50	22.41	23.50	13.21	14.00
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	18.88	20.00	18.4	19.50	22.24	23.50	12.94	14.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	19.14	20.00	18.63	19.50	22.51	23.50	13.17	14.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	19.19	20.00	18.67	19.50	22.43	23.50	13.19	14.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	19.11	20.00	18.63	19.50	22.45	23.50	13.16	14.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	18.88	20.00	18.33	19.50	22.12	23.50	12.87	14.00



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9.8 Conducted Power of LTE Uplink CA (Ant10)

Combination	Modulation	PCC					SCC					ECI2/4		ECI3		ECI7		ECI19	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	20.31	21.50	13.83	15.00	10.34	11.50	18.79	20.00
CA_42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	20.28	21.50	13.86	15.00	10.36	11.50	18.82	20.00
CA_42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	20.35	21.50	13.83	15.00	10.27	11.50	18.88	20.00
CA_42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	20.69	21.50	14.11	15.00	10.78	11.50	19.19	20.00



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10 Conducted Power of LTE Downlink CA

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		SCC4		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_41A-42A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.95	22.81	23.5
	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.12	24.05	25.0
CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.95	22.81	23.5
CA_42C	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.25	23.95	25.0
CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.30	22.25	23.5
CA_66B	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.42	22.20	23.5
CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.38	22.12	23.5
CA_41A-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.85	22.75	23.5
	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.10	24.00	25.0
CA_41C-42A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.92	22.68	23.5
	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.11	23.95	25.0
CA_42D	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.15	24.02	25.0
CA_41C-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.91	22.64	23.5
	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	24.05	23.88	25.0
CA_42E	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	/	/	/	/	/	/	23.98	23.75	25.0



11 Conducted Power of NR Antenna

11.1 Conducted Power of NR Antenna (Ant0)

N5 ECI 2/3/4/6/7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.26	22.22	22.22	23.50
		1	53	22.39	22.37	22.25	23.50
		1	104	22.26	22.19	22.18	23.50
		50	0	21.93	21.83	21.71	23.00
		50	28	22.31	22.30	22.41	23.50
		50	56	21.64	21.71	21.69	23.00
		100	0	21.81	21.76	21.77	23.00
	DFT-s-OFDM QPSK	1	1	22.26	22.20	22.23	23.50
		1	53	22.33	22.38	22.34	23.50
		1	104	22.23	22.23	22.18	23.50
		50	0	21.36	21.29	21.20	22.50
		50	28	22.36	22.36	22.34	23.50
		50	56	21.23	21.26	21.20	22.50
		100	0	21.29	21.27	21.20	22.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.95	20.98	22.50
	DFT-s-OFDM 64QAM	1	1	19.44	19.53	19.59	21.00
	DFT-s-OFDM 256QAM	1	1	18.18	18.28	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	20.72	20.73	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.29	22.29	22.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.23	22.27	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM OPSK	1	1	22.29	22.19	22.31	23.50



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N41 ECI 2/4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.75	22.05	21.85	21.66	21.81	23.00
		1	137	21.82	22.06	21.94	21.91	21.80	23.00
		1	271	21.79	21.82	21.68	21.71	21.98	23.00
		135	0	21.35	21.24	21.24	21.21	21.25	22.50
		135	69	21.97	22.12	22.02	21.96	22.03	23.00
		135	138	21.14	21.12	21.18	21.05	21.25	22.50
		270	0	21.12	21.28	21.25	21.15	21.23	22.50
	DFT-s-OFDM QPSK	1	1	21.83	22.02	21.85	21.66	21.91	23.00
		1	137	21.92	21.98	21.91	21.81	21.81	23.00
		1	271	21.74	21.76	21.65	21.66	21.88	23.00
		135	0	20.89	20.77	20.81	20.80	20.83	22.00
		135	69	22.05	22.11	21.95	21.96	21.93	23.00
		135	138	20.67	20.53	20.63	20.61	20.71	22.00
		270	0	20.67	20.81	20.75	20.71	20.80	22.00
	DFT-s-OFDM 16QAM	1	1	20.56	20.52	20.59	20.52	20.60	22.00
	DFT-s-OFDM 64QAM	1	1	19.09	19.11	19.09	19.14	19.07	20.50
	DFT-s-OFDM 256QAM	1	1	17.66	17.69	17.74	17.68	17.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.48	20.33	20.38	20.42	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.85	21.99	21.91	21.66	21.96	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.76	22.06	21.92	21.60	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	21.89	22.09	21.87	21.66	21.82	23.00
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	21.88	22.05	21.76	21.57	21.89	23.00
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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			RB offset	504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.78	22.07	21.81	21.70	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 503703	Channel 511152	Channel 518598	Channel 526050	Channel 533499	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	21.81	21.93	21.85	21.65	21.84	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.82	22.01	21.75	21.56	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 502701	Channel 510651	Channel 518598	Channel 526551	Channel 534498	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	21.81	22.06	21.89	21.72	22.00	23.00
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	21.87	22.08	21.77	21.58	21.89	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 510153	Channel 518598	Channel 527049	Channel 535497	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.86	22.03	21.93	21.63	21.98	23.00
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	21.86	21.95	21.80	21.71	21.91	23.00
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	21.91	21.96	21.91	21.69	22.00	23.00
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	21.90	21.99	21.78	21.67	21.91	23.00



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N41 ECI 3/7				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.24	16.54	16.33	16.12	16.34	17.50
		1	137	16.29	16.55	16.46	16.45	16.30	17.50
		1	271	16.24	16.35	16.13	16.20	16.52	17.50
		135	0	15.81	15.73	15.71	15.73	15.72	17.00
		135	69	16.52	16.58	16.51	16.42	16.58	17.50
		135	138	15.61	15.66	15.66	15.51	15.74	17.00
		270	0	15.62	15.80	15.80	15.63	15.68	17.00
	DFT-s-OFDM QPSK	1	1	16.29	16.51	16.40	16.16	16.39	17.50
		1	137	16.38	16.45	16.40	16.32	16.30	17.50
		1	271	16.26	16.25	16.16	16.12	16.40	17.50
		135	0	15.37	15.22	15.33	15.28	15.30	16.50
		135	69	16.57	16.63	16.45	16.47	16.48	17.50
		135	138	15.16	15.03	15.15	15.08	15.25	16.50
		270	0	15.12	15.29	15.20	15.16	15.25	16.50
	DFT-s-OFDM 16QAM	1	1	15.01	15.00	15.04	15.04	15.12	16.50
	DFT-s-OFDM 64QAM	1	1	13.63	13.65	13.54	13.66	13.56	15.00
	DFT-s-OFDM 256QAM	1	1	12.12	12.18	12.19	12.22	12.27	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.93	14.84	14.91	14.94	15.00	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.30	16.47	16.46	16.15	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.26	16.54	16.45	16.12	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	16.43	16.58	16.34	16.21	16.32	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	16.34	16.50	16.25	16.04	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.28	16.53	16.26	16.18	16.56	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	16.35	16.43	16.32	16.11	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.28	16.53	16.30	16.09	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	16.26	16.56	16.34	16.22	16.55	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.34	16.58	16.24	16.07	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	16.39	16.51	16.43	16.17	16.51	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.34	16.46	16.25	16.25	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	16.38	16.43	16.41	16.19	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.42	16.51	16.32	16.22	16.36	17.50



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N41 ECI 6				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.84	19.89	19.94	19.74	19.64	21.00
		1	137	19.81	19.88	20.16	19.95	19.73	21.00
		1	271	19.77	19.72	19.64	19.56	20.18	21.00
		135	0	19.36	19.03	19.37	19.21	19.38	20.50
		135	69	20.09	19.89	19.88	20.09	20.24	21.00
		135	138	19.02	19.10	19.03	19.00	19.40	20.50
		270	0	19.03	19.46	19.39	19.14	19.11	20.50
	DFT-s-OFDM QPSK	1	1	19.69	20.21	19.99	19.75	19.86	21.00
		1	137	19.85	19.87	19.75	19.67	19.83	21.00
		1	271	19.66	19.78	19.65	19.82	19.99	21.00
		135	0	19.05	18.54	18.81	18.61	18.98	20.00
		135	69	20.25	20.01	20.04	19.81	20.05	21.00
		135	138	18.58	18.49	18.70	18.70	18.57	20.00
		270	0	18.43	18.60	18.55	18.82	18.88	20.00
	DFT-s-OFDM 16QAM	1	1	18.63	18.62	18.67	18.42	18.62	20.00
	DFT-s-OFDM 64QAM	1	1	17.32	17.33	17.20	17.19	17.25	18.50
	DFT-s-OFDM 256QAM	1	1	15.60	15.68	15.67	15.92	15.76	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.33	18.24	18.36	18.30	18.61	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.84	20.00	19.88	19.57	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.95	20.19	19.89	19.70	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.79	20.02	19.80	19.58	19.76	21.00
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	19.79	20.09	19.80	19.74	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.88	20.13	19.86	19.67	20.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	19.93	20.12	19.76	19.43	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.63	20.02	19.71	19.55	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	19.69	20.08	19.97	19.65	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.80	20.08	19.82	19.54	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	19.95	20.11	19.85	19.77	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.99	19.87	19.92	19.61	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	19.83	19.81	19.91	19.84	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	19.75	20.10	19.72	19.54	19.69	21.00



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11.2 Conducted Power of NR Antenna (Ant1)

N5 ECI 2/3/4/6/7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.64	21.57	21.48	22.50
		1	53	21.72	21.74	21.77	22.50
		1	104	21.70	21.56	21.56	22.50
		50	0	21.08	21.04	21.26	22.00
		50	28	21.57	21.62	21.56	22.50
		50	56	21.36	21.21	21.23	22.00
		100	0	21.15	21.24	21.13	22.00
	DFT-s-OFDM QPSK	1	1	21.63	21.50	21.56	22.50
		1	53	21.68	21.72	21.69	22.50
		1	104	21.63	21.56	21.55	22.50
		50	0	20.65	20.64	20.73	21.50
		50	28	21.67	21.69	21.66	22.50
		50	56	20.78	20.68	20.74	21.50
		100	0	20.70	20.68	20.69	21.50
	DFT-s-OFDM 16QAM	1	1	20.26	20.26	20.24	21.50
	DFT-s-OFDM 64QAM	1	1	18.90	18.87	18.94	20.00
	DFT-s-OFDM 256QAM	1	1	17.59	17.59	17.49	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	20.09	20.05	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.60	21.54	21.62	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.73	21.58	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.54	21.57	21.51	22.50



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N41 ECI 4				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				509202	513900	518598	523302	528000		
				2546.01	2569.5	2592.99	2616.51	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.84	22.00	21.84	21.95	22.00	23.00	
		1	137	21.98	21.98	22.05	21.75	21.82	23.00	
		1	271	21.96	21.82	21.72	21.64	21.93	23.00	
		135	0	21.59	21.39	21.50	21.54	21.52	22.50	
		135	69	22.22	22.22	22.09	22.06	21.88	23.00	
		135	138	21.30	21.41	21.45	21.50	21.41	22.50	
		270	0	21.40	21.53	21.44	21.45	21.32	22.50	
	DFT-s-OFDM QPSK	1	1	21.83	22.06	21.94	21.99	21.95	23.00	
		1	137	21.99	22.06	22.08	21.83	21.86	23.00	
		1	271	21.89	21.77	21.78	21.66	21.83	23.00	
		135	0	21.01	20.85	20.94	21.02	20.99	22.00	
		135	69	22.15	22.18	22.09	22.01	21.96	23.00	
		135	138	20.84	20.90	20.88	20.97	20.87	22.00	
		270	0	20.82	20.96	20.91	21.00	20.81	22.00	
	DFT-s-OFDM 16QAM	1	1	20.84	20.65	20.75	20.76	20.65	22.00	
	DFT-s-OFDM 64QAM	1	1	19.18	19.25	19.22	19.13	19.31	20.50	
	DFT-s-OFDM 256QAM	1	1	17.98	17.91	17.90	17.93	17.86	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	20.61	20.63	20.59	20.55	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	21.91	21.99	21.90	21.94	22.03	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	21.89	22.02	21.93	22.05	21.95	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				506202	512403	518598	524799	530997		



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70MHz	DFT-s-OFDM QPSK	1	1	21.89	22.02	21.90	22.09	21.97	23.00
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	21.89	22.11	21.98	22.00	21.92	23.00
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	21.88	21.99	21.94	21.98	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	21.89	22.09	21.88	22.04	21.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.90	22.01	21.90	21.98	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	21.74	22.09	21.93	22.06	21.85	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.73	22.00	21.95	21.95	21.91	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	21.73	21.97	22.04	21.91	21.85	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.80	22.15	22.02	22.03	21.89	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	21.92	22.03	21.92	21.97	21.86	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	



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10MHz	DFT-s-OFDM QPSK	1	1	21.77	22.15	22.02	21.94	21.96	23.00
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N41 ECI 6				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.39	20.69	20.50	20.26	20.35	21.50
		1	137	20.41	20.67	20.59	20.63	20.33	21.50
		1	271	20.40	20.34	20.15	20.16	20.58	21.50
		135	0	20.02	19.92	19.78	19.88	19.77	21.00
		135	69	20.58	20.70	20.72	20.54	20.71	21.50
		135	138	19.78	19.79	19.82	19.60	19.83	21.00
		270	0	19.74	19.82	19.91	19.79	19.84	21.00
	DFT-s-OFDM QPSK	1	1	20.40	20.50	20.33	20.34	20.56	21.50
		1	137	20.49	20.63	20.65	20.36	20.33	21.50
		1	271	20.28	20.34	20.23	20.31	20.35	21.50
		135	0	19.43	19.40	19.37	19.29	19.35	20.50
		135	69	20.65	20.68	20.59	20.57	20.45	21.50
		135	138	19.29	19.17	19.23	19.16	19.35	20.50
		270	0	19.34	19.39	19.40	19.43	19.42	20.50
	DFT-s-OFDM 16QAM	1	1	19.19	19.10	19.18	19.17	19.30	20.50
	DFT-s-OFDM 64QAM	1	1	17.67	17.80	17.64	17.62	17.73	19.00
	DFT-s-OFDM 256QAM	1	1	16.34	16.32	16.36	16.39	16.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.06	18.88	19.04	18.95	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.32	20.65	20.55	20.29	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.42	20.61	20.67	20.09	20.63	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	20.57	20.68	20.53	20.19	20.38	21.50
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	20.41	20.69	20.37	20.21	20.55	21.50
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	20.40	20.58	20.28	20.27	20.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	20.45	20.48	20.39	20.36	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.37	20.59	20.28	20.10	20.65	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	20.42	20.65	20.48	20.37	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.37	20.71	20.26	20.27	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	20.50	20.54	20.54	20.27	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.39	20.46	20.38	20.32	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	20.47	20.58	20.46	20.41	20.73	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	20.60	20.55	20.42	20.35	20.60	21.50

N41 ECI 2/3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.84	16.10	15.95	15.77	15.87	17.00
		1	137	15.97	16.11	16.00	16.06	15.88	17.00
		1	271	15.88	15.94	15.75	15.79	16.04	17.00
		135	0	15.44	15.33	15.39	15.28	15.38	16.50
		135	69	16.02	16.24	16.17	16.05	16.13	17.00
		135	138	15.26	15.19	15.26	15.11	15.38	16.50
		270	0	15.19	15.41	15.35	15.25	15.37	16.50
	DFT-s-OFDM QPSK	1	1	15.88	16.05	15.98	15.78	15.99	17.00
		1	137	16.00	16.06	16.10	15.86	15.91	17.00
		1	271	15.88	15.87	15.70	15.76	15.95	17.00
		135	0	15.04	14.90	14.92	14.91	14.88	16.00
		135	69	16.07	16.15	15.95	15.91	15.92	17.00
		135	138	14.82	14.59	14.74	14.69	14.77	16.00
		270	0	14.75	14.96	14.82	14.84	14.88	16.00
	DFT-s-OFDM 16QAM	1	1	14.61	14.62	14.68	14.61	14.69	16.00
	DFT-s-OFDM 64QAM	1	1	13.24	13.24	13.24	13.25	13.15	14.50
DFT-s-OFDM 256QAM	1	1	11.77	11.83	11.84	11.75	11.84	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.53	14.47	14.49	14.53	14.54	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	15.96	16.09	16.03	15.77	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	



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80MHz	DFT-s-OFDM QPSK	1	1	15.86	16.12	16.03	15.65	16.02	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	16.04	16.21	15.93	15.71	15.97	17.00
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	15.98	16.10	15.89	15.63	16.01	17.00
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	15.92	16.17	15.91	15.81	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	15.90	16.07	15.98	15.71	15.90	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	15.94	16.16	15.86	15.64	16.09	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	15.89	16.17	15.99	15.83	16.07	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	15.99	16.22	15.89	15.72	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	15.91	16.12	16.02	15.78	16.06	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	15.96	16.08	15.89	15.86	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	



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15MHz	DFT-s-OFDM QPSK	1	1	16.02	16.04	15.99	15.78	16.05	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.02	16.04	15.86	15.73	16.01	17.00

N41 ECI 7				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.85	14.14	13.96	13.74	13.90	15.00
		1	137	13.96	14.16	14.00	14.01	13.90	15.00
		1	271	13.91	13.93	13.83	13.84	14.06	15.00
		135	0	13.49	13.30	13.34	13.29	13.30	14.50
		135	69	14.02	14.23	14.15	14.01	14.17	15.00
		135	138	13.21	13.22	13.28	13.12	13.37	14.50
		270	0	13.26	13.43	13.30	13.20	13.31	14.50
	DFT-s-OFDM QPSK	1	1	13.97	14.04	13.93	13.81	14.06	15.00
		1	137	14.05	14.05	14.10	13.86	13.93	15.00
		1	271	13.81	13.81	13.73	13.74	13.95	15.00
		135	0	12.96	12.87	12.96	12.92	12.95	14.00
		135	69	14.15	14.21	14.07	14.03	14.00	15.00
		135	138	12.75	12.68	12.75	12.66	12.82	14.00
		270	0	12.82	12.96	12.84	12.77	12.89	14.00
	DFT-s-OFDM 16QAM	1	1	12.69	12.62	12.73	12.58	12.74	14.00
	DFT-s-OFDM 64QAM	1	1	11.18	11.21	11.24	11.20	11.17	12.50
	DFT-s-OFDM 256QAM	1	1	9.73	9.81	9.86	9.80	9.91	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	12.61	12.40	12.52	12.56	12.56	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	13.95	14.07	14.06	13.72	14.10	15.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	13.82	14.17	13.99	13.68	14.06	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	14.01	14.19	13.97	13.77	13.93	15.00
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	13.99	14.17	13.87	13.68	13.95	15.00
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	13.84	14.17	13.88	13.75	14.16	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	13.94	13.99	13.96	13.75	13.99	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	13.88	14.06	13.83	13.69	14.00	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	13.93	14.20	14.04	13.86	14.09	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	14.00	14.21	13.87	13.72	13.97	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	13.98	14.12	13.99	13.72	14.07	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	13.99	14.10	13.86	13.81	13.99	15.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	14.00	14.02	14.01	13.76	14.09	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	13.98	14.14	13.91	13.78	14.01	15.00

N66 ECI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.09	21.03	20.95	22.00
		1	121	21.15	21.07	21.01	22.00
		1	240	21.08	20.97	21.05	22.00
		120	0	20.58	20.64	20.72	21.50
		120	60	21.26	21.22	21.06	22.00
		120	120	20.73	20.56	20.64	21.50
		240	0	20.62	20.52	20.61	21.50
	DFT-s-OFDM QPSK	1	1	21.09	21.01	21.01	22.00
		1	121	21.11	21.13	21.06	22.00
		1	240	21.10	21.04	20.98	22.00
		120	0	20.15	20.12	20.19	21.00
		120	60	21.20	21.14	21.16	22.00
		120	120	20.15	20.07	20.12	21.00
	240	0	20.05	20.08	20.06	21.00	
	DFT-s-OFDM 16QAM	1	1	19.76	19.79	19.87	21.00
	DFT-s-OFDM 64QAM	1	1	18.34	18.34	18.41	19.50
	DFT-s-OFDM 256QAM	1	1	16.96	16.92	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	19.60	19.56	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	21.09	20.95	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM OPSK	1	1	21.19	20.98	20.97	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.04	20.99	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.14	21.04	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.14	21.10	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.07	21.03	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.09	20.93	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.02	20.95	21.02	22.00

N66 ECI 2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.19	14.14	14.09	15.00
		1	121	14.27	14.20	14.08	15.00
		1	240	14.16	14.11	14.20	15.00
		120	0	13.70	13.79	13.87	14.50
		120	60	14.40	14.34	14.20	15.00
		120	120	13.87	13.68	13.69	14.50
		240	0	13.76	13.63	13.72	14.50
	DFT-s-OFDM QPSK	1	1	14.19	14.16	14.12	15.00
		1	121	14.23	14.28	14.13	15.00
		1	240	14.20	14.19	14.10	15.00
		120	0	13.24	13.19	13.26	14.00
		120	60	14.31	14.24	14.23	15.00
		120	120	13.21	13.20	13.22	14.00
		240	0	13.20	13.13	13.13	14.00
	DFT-s-OFDM 16QAM	1	1	12.85	12.86	13.02	14.00



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	DFT-s-OFDM 64QAM	1	1	11.42	11.45	11.51	12.50
	DFT-s-OFDM 256QAM	1	1	10.10	10.00	10.04	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	12.73	12.61	12.65	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	14.20	14.07	14.10	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	14.34	14.06	14.03	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	14.14	14.07	14.12	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	14.29	14.10	14.14	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	14.22	14.22	14.13	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	14.18	14.16	14.03	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	14.22	14.01	14.16	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	14.17	14.10	14.07	15.00



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N66 ECI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.67	15.66	15.53	16.50
		1	121	15.73	15.63	15.60	16.50
		1	240	15.71	15.53	15.70	16.50
		120	0	15.20	15.23	15.32	16.00
		120	60	15.91	15.80	15.66	16.50
		120	120	15.30	15.20	15.20	16.00
		240	0	15.21	15.13	15.18	16.00
	DFT-s-OFDM QPSK	1	1	15.69	15.64	15.57	16.50
		1	121	15.67	15.75	15.62	16.50
		1	240	15.74	15.61	15.55	16.50
		120	0	14.73	14.71	14.75	15.50
		120	60	15.84	15.75	15.79	16.50
		120	120	14.72	14.72	14.72	15.50
		240	0	14.65	14.63	14.61	15.50
	DFT-s-OFDM 16QAM	1	1	14.38	14.39	14.52	15.50
	DFT-s-OFDM 64QAM	1	1	12.95	12.90	13.01	14.00
	DFT-s-OFDM 256QAM	1	1	11.59	11.55	11.44	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	14.16	14.16	14.21	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	15.69	15.59	15.53	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	15.79	15.54	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	15.69	15.64	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	15.71	15.68	15.64	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	15.70	15.65	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	15.66	15.67	15.53	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	15.71	15.56	15.74	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	15.57	15.54	15.61	16.50

N66 ECI 7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.17	12.16	12.03	13.00
		1	121	12.21	12.19	12.08	13.00
		1	240	12.14	12.07	12.13	13.00
		120	0	11.64	11.70	11.85	12.50
		120	60	12.35	12.33	12.13	13.00
		120	120	11.85	11.61	11.79	12.50
		240	0	11.70	11.60	11.66	12.50
	DFT-s-OFDM QPSK	1	1	12.19	12.14	12.06	13.00
		1	121	12.18	12.26	12.14	13.00
		1	240	12.15	12.10	12.03	13.00
		120	0	11.22	11.21	11.26	12.00
		120	60	12.33	12.26	12.29	13.00
		120	120	11.21	11.19	11.20	12.00
		240	0	11.12	11.13	11.19	12.00
	DFT-s-OFDM 16QAM	1	1	10.83	10.85	10.95	12.00
	DFT-s-OFDM 64QAM	1	1	9.39	9.39	9.49	10.50
	DFT-s-OFDM 256QAM	1	1	8.06	8.04	7.94	8.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	10.74	10.68	10.74	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	



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40MHz	DFT-s-OFDM QPSK	1	1	12.23	12.05	12.03	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	12.30	12.06	12.07	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	12.19	12.14	12.11	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	12.20	12.13	12.15	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	12.22	12.20	12.10	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	12.22	12.11	12.03	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	12.23	12.01	12.22	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	12.12	12.03	12.10	13.00

N66 ECI 6				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.55	17.49	17.60	18.50
		1	121	17.57	17.87	17.47	18.50
		1	240	17.48	17.53	17.43	18.50
		120	0	17.12	17.40	17.38	18.00
		120	60	17.91	17.80	17.66	18.50
		120	120	17.22	17.27	17.47	18.00
	240	0	17.04	16.94	17.28	18.00	
	DFT-s-OFDM QPSK	1	1	17.62	17.67	17.58	18.50
		1	121	17.76	17.85	17.87	18.50
		1	240	17.66	17.77	17.52	18.50



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		120	0	16.52	16.78	16.67	17.50
		120	60	17.84	17.90	17.82	18.50
		120	120	16.75	16.56	16.86	17.50
		240	0	16.42	16.47	16.83	17.50
	DFT-s-OFDM 16QAM	1	1	16.49	16.45	16.47	17.50
	DFT-s-OFDM 64QAM	1	1	14.95	14.96	14.81	16.00
	DFT-s-OFDM 256QAM	1	1	13.45	13.62	13.46	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	16.28	16.21	16.26	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	17.76	17.45	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	17.93	17.65	17.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	17.63	17.72	17.69	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	17.70	17.77	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.73	17.84	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	17.63	17.70	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	17.67	17.56	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	



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5MHz	DFT-s-OFDM QPSK	1	1	17.69	17.56	17.51	18.50
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11.3 Conducted Power of NR Antenna (Ant2)

N41 ECI 2/3/4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.37	22.60	22.42	22.56	22.57	23.50
		1	137	22.37	22.52	22.60	22.29	22.33	23.50
		1	271	22.43	22.31	22.34	22.06	22.45	23.50
		135	0	21.94	21.87	21.93	22.09	21.87	23.00
		135	69	22.57	22.62	22.60	22.62	22.43	23.50
		135	138	22.09	21.84	21.98	21.85	21.93	23.00
		270	0	21.91	21.99	21.88	22.04	21.86	23.00
	DFT-s-OFDM QPSK	1	1	22.44	22.64	22.42	22.49	22.52	23.50
		1	137	22.41	22.49	22.59	22.38	22.36	23.50
		1	271	22.53	22.41	22.36	22.11	22.37	23.50
		135	0	21.47	21.44	21.41	21.51	21.39	22.50
		135	69	22.59	22.65	22.62	22.56	22.48	23.50
		135	138	21.50	21.37	21.45	21.45	21.45	22.50
		270	0	21.36	21.44	21.43	21.52	21.42	22.50
	DFT-s-OFDM 16QAM	1	1	21.22	21.14	21.15	21.15	21.20	22.50
	DFT-s-OFDM 64QAM	1	1	19.70	19.75	19.70	19.76	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.44	18.37	18.36	18.34	18.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.97	21.04	20.98	20.95	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.41	22.62	22.49	22.42	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.41	22.73	22.51	22.58	22.44	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	22.38	22.55	22.48	22.59	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	



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60MHz	DFT-s-OFDM QPSK	1	1	22.45	22.58	22.36	22.41	22.48	23.50
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	22.39	22.61	22.51	22.39	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503703	Channel 511152	Channel 518598	Channel 526050	Channel 533499	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	22.41	22.57	22.38	22.45	22.61	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.38	22.64	22.32	22.58	22.58	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502701	Channel 510651	Channel 518598	Channel 526551	Channel 534498	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	22.49	22.62	22.40	22.51	22.47	23.50
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	22.51	22.72	22.33	22.58	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 510153	Channel 518598	Channel 527049	Channel 535497	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.34	22.60	22.32	22.46	22.43	23.50
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	22.46	22.70	22.33	22.58	22.44	23.50
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	22.45	22.57	22.41	22.51	22.59	23.50
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	22.39	22.68	22.51	22.46	22.56	23.50



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SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.02	20.15	19.97	20.13	20.15	21.00
		1	137	19.99	20.11	20.18	19.84	19.91	21.00
		1	271	20.00	19.90	19.97	19.61	20.09	21.00
		135	0	19.56	19.47	19.57	19.68	19.48	20.50
		135	69	20.13	20.26	20.17	20.25	20.02	21.00
		135	138	19.70	19.40	19.61	19.43	19.52	20.50
		270	0	19.55	19.64	19.43	19.59	19.48	20.50
	DFT-s-OFDM QPSK	1	1	20.04	20.29	20.01	20.10	20.17	21.00
		1	137	20.01	20.09	20.19	19.95	19.95	21.00
		1	271	20.10	20.01	19.92	19.73	20.00	21.00
		135	0	19.02	19.09	18.99	19.14	19.04	20.00
		135	69	20.22	20.24	20.22	20.15	20.05	21.00
		135	138	19.06	18.97	19.01	19.10	19.09	20.00
		270	0	19.01	19.02	19.08	19.07	18.99	20.00
	DFT-s-OFDM 16QAM	1	1	18.80	18.74	18.71	18.75	18.80	20.00
	DFT-s-OFDM 64QAM	1	1	17.26	17.40	17.28	17.38	17.27	18.50
	DFT-s-OFDM 256QAM	1	1	16.08	15.98	15.91	15.97	16.01	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.53	18.60	18.53	18.55	18.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.02	20.25	20.06	20.07	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.97	20.37	20.12	20.15	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.94	20.18	20.13	20.14	20.22	21.00
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	20.04	20.19	19.99	20.01	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.98	20.22	20.10	19.99	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	20.04	20.13	19.99	20.04	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.96	20.27	19.97	20.18	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	20.04	20.23	19.97	20.14	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.11	20.29	19.89	20.18	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	19.99	20.23	19.91	20.09	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.10	20.29	19.98	20.22	20.06	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	20.01	20.14	19.96	20.07	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	20.00	20.23	20.13	20.08	20.21	21.00



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N41 ECI 6				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.99	21.10	20.97	21.09	21.18	22.00
		1	137	21.04	21.15	21.15	20.80	20.91	22.00
		1	271	21.04	20.94	20.97	20.61	21.05	22.00
		135	0	20.53	20.49	20.60	20.72	20.46	21.50
		135	69	21.15	21.27	21.15	21.27	20.97	22.00
		135	138	20.71	20.38	20.64	20.40	20.55	21.50
		270	0	20.58	20.69	20.39	20.58	20.46	21.50
	DFT-s-OFDM QPSK	1	1	21.04	21.33	21.02	21.07	21.22	22.00
		1	137	20.96	21.10	21.24	20.92	21.00	22.00
		1	271	21.12	20.96	20.91	20.72	21.04	22.00
		135	0	20.06	20.12	19.98	20.19	19.99	21.00
		135	69	21.21	21.28	21.26	21.17	21.08	22.00
		135	138	20.09	19.92	20.01	20.13	20.09	21.00
		270	0	20.05	20.02	20.11	20.10	20.02	21.00
	DFT-s-OFDM 16QAM	1	1	19.75	19.76	19.70	19.71	19.78	21.00
	DFT-s-OFDM 64QAM	1	1	18.31	18.45	18.33	18.34	18.23	19.50
	DFT-s-OFDM 256QAM	1	1	17.07	16.95	16.89	17.02	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.53	19.61	19.51	19.50	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.03	21.26	21.11	21.06	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.95	21.40	21.17	21.12	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	20.94	21.20	21.09	21.10	21.22	22.00
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	21.05	21.24	20.96	20.97	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.94	21.26	21.15	21.01	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	21.08	21.16	20.95	21.04	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.97	21.31	21.01	21.19	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	21.08	21.21	20.92	21.09	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.12	21.29	20.92	21.19	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	20.95	21.28	20.87	21.12	20.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.14	21.31	20.98	21.22	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	20.99	21.12	21.00	21.03	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	21.03	21.23	21.11	21.03	21.16	22.00



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N66 ECI 2/3/4/6				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.61	22.58	22.44	23.50
		1	121	22.48	22.47	22.59	23.50
		1	240	22.58	22.53	22.39	23.50
		120	0	21.87	22.14	22.00	23.00
		120	60	22.55	22.66	22.67	23.50
		120	120	22.01	21.97	21.98	23.00
		240	0	22.15	21.95	21.90	23.00
	DFT-s-OFDM QPSK	1	1	22.74	22.68	22.63	23.50
		1	121	22.68	22.73	22.67	23.50
		1	240	22.71	22.63	22.55	23.50
		120	0	21.46	21.56	21.48	22.50
		120	60	22.65	22.58	22.58	23.50
		120	120	21.56	21.51	21.51	22.50
		240	0	21.61	21.54	21.48	22.50
	DFT-s-OFDM 16QAM	1	1	21.27	21.25	21.29	22.50
	DFT-s-OFDM 64QAM	1	1	19.79	19.79	19.78	21.00
	DFT-s-OFDM 256QAM	1	1	18.47	18.38	18.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	20.93	21.02	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	22.53	22.60	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	22.62	22.59	22.40	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.47	22.41	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	22.56	22.48	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.63	22.55	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	22.62	22.56	22.42	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.52	22.41	22.44	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.54	22.44	22.51	23.50

N66 ECI 7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1732.5	1745	1757.5	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.10	21.06	20.95	22.00
		1	121	20.96	20.97	21.13	22.00
		1	240	21.08	21.01	20.92	22.00
		120	0	20.42	20.65	20.47	21.50
		120	60	21.04	21.14	21.15	22.00
		120	120	20.52	20.48	20.45	21.50
		240	0	20.64	20.50	20.45	21.50
	DFT-s-OFDM QPSK	1	1	21.08	21.05	20.92	22.00
		1	121	20.96	21.06	20.96	22.00
		1	240	21.05	21.01	20.85	22.00
		120	0	20.00	20.01	20.02	21.00
		120	60	21.16	21.06	21.13	22.00
		120	120	20.05	19.99	20.03	21.00
		240	0	20.07	20.00	19.98	21.00
	DFT-s-OFDM 16QAM	1	1	19.72	19.80	19.76	21.00
	DFT-s-OFDM 64QAM	1	1	18.29	18.29	18.32	19.50
DFT-s-OFDM 256QAM	1	1	17.01	16.92	16.97	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	19.41	19.51	19.44	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	20.99	21.11	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	21.10	21.12	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.93	20.92	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.05	20.93	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.17	21.02	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.07	21.10	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.97	20.89	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.09	20.95	20.96	22.00



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11.4 Conducted Power of NR Antenna (Ant4)

N77 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.40	/	22.00
		1	137	/	21.15	/	22.00
		1	271	/	21.40	/	22.00
		135	0	/	20.74	/	21.50
		135	69	/	21.18	/	22.00
		135	138	/	20.83	/	21.50
		270	0	/	20.61	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.31	/	22.00
		1	137	/	21.08	/	22.00
		1	271	/	21.37	/	22.00
		135	0	/	20.28	/	21.00
		135	69	/	21.22	/	22.00
		135	138	/	20.29	/	21.00
		270	0	/	20.22	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.15	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	18.71	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	17.10	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.02	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.91	21.34	24.76	22.00

N77 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.96	/	13.50
		1	137	/	12.78	/	13.50
		1	271	/	13.04	/	13.50
		135	0	/	12.33	/	13.00
		135	69	/	12.81	/	13.50
		135	138	/	12.38	/	13.00
		270	0	/	12.18	/	13.00
			1	1	/	12.94	/



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	DFT-s-OFDM QPSK	1	137	/	12.73	/	13.50
		1	271	/	12.97	/	13.50
		135	0	/	11.92	/	12.50
		135	69	/	12.87	/	13.50
		135	138	/	11.89	/	12.50
		270	0	/	11.78	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.80	/	12.50
Bandwidth	DFT-s-OFDM 64QAM	1	1	/	10.26	/	11.00
	DFT-s-OFDM 256QAM	1	1	/	8.72	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.63	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.92	12.94	12.90	13.50

N77 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.56	/	14.00
		1	137	/	13.29	/	14.00
		1	271	/	13.58	/	14.00
		135	0	/	12.92	/	13.50
		135	69	/	13.32	/	14.00
		135	138	/	12.95	/	13.50
		270	0	/	12.71	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.43	/	14.00
		1	137	/	13.24	/	14.00
		1	271	/	13.50	/	14.00
		135	0	/	12.48	/	13.00
		135	69	/	13.35	/	14.00
		135	138	/	12.39	/	13.00
		270	0	/	12.33	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.25	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	10.81	/	11.50
	DFT-s-OFDM 256QAM	1	1	/	9.21	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.20	/	12.50



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Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.50	13.51	13.53	14.00

N77 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.15	/	12.50
		1	137	/	11.95	/	12.50
		1	271	/	12.20	/	12.50
		135	0	/	11.52	/	12.00
		135	69	/	11.88	/	12.50
		135	138	/	11.63	/	12.00
		270	0	/	11.34	/	12.00
	DFT-s-OFDM QPSK	1	1	/	12.03	/	12.50
		1	137	/	11.84	/	12.50
		1	271	/	12.17	/	12.50
		135	0	/	11.01	/	11.50
		135	69	/	12.01	/	12.50
		135	138	/	10.99	/	11.50
		270	0	/	11.00	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.86	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.44	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.90	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.78	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM OPSK	1	1	12.07	12.05	12.10	12.50

N77 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.13	/	18.50
		1	137	/	18.15	/	18.50
		1	271	/	18.34	/	18.50
		135	0	/	17.50	/	18.00
		135	69	/	17.88	/	18.50



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		135	138	/	17.76	/	18.00
		270	0	/	17.17	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.93	/	18.50
		1	137	/	18.02	/	18.50
		1	271	/	18.36	/	18.50
		135	0	/	17.02	/	17.50
		135	69	/	17.90	/	18.50
		135	138	/	16.84	/	17.50
		270	0	/	17.04	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.93	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.41	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.98	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.81	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.42	18.13	18.52	18.50

N77 ECI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.22	20.89	20.87	20.67	20.58	20.46	22.00
		1	137	20.85	20.75	20.66	20.45	20.27	20.04	22.00
		1	271	20.77	20.63	20.45	20.23	20.09	20.10	22.00
		135	0	20.60	20.39	20.39	20.15	20.01	19.75	21.50
		135	69	20.84	20.84	20.70	20.45	20.27	20.09	22.00
		135	138	20.36	20.29	20.21	19.82	19.64	19.54	21.50
		270	0	20.43	20.21	20.22	20.00	19.76	19.62	21.50
	DFT-s-OFDM QPSK	1	1	21.24	20.86	20.79	20.65	20.62	20.39	22.00
		1	137	20.89	20.78	20.65	20.50	20.24	20.06	22.00
		1	271	20.76	20.54	20.44	20.19	20.06	20.08	22.00
		135	0	20.10	19.87	19.83	19.60	19.49	19.19	21.00
		135	69	20.86	20.77	20.75	20.54	20.32	20.39	22.00
		135	138	19.87	19.74	19.62	19.26	19.13	19.05	21.00
		270	0	19.92	19.70	19.71	19.37	19.26	19.11	21.00
	DFT-s-OFDM 16QAM	1	1	19.84	19.70	19.63	19.41	19.26	19.13	21.00
	DFT-s-OFDM 64QAM	1	1	18.49	18.43	18.36	18.03	17.96	17.89	19.50



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	DFT-s-OFDM 256QAM	1	1	17.13	17.03	16.95	16.57	16.55	16.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	19.84	19.67	19.49	19.21	19.18	19.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.08	21.03	20.89	20.69	20.47	20.41	22.00

N77 ECI 2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.68	12.34	12.39	12.13	12.11	11.93	13.50
		1	137	12.32	12.21	12.12	11.94	11.81	11.50	13.50
		1	271	12.22	12.09	11.93	11.69	11.60	11.62	13.50
		135	0	12.06	11.91	11.90	11.67	11.54	11.22	13.00
		135	69	12.33	12.37	12.16	11.90	11.81	11.54	13.50
		135	138	11.89	11.76	11.74	11.30	11.14	11.08	13.00
		270	0	11.92	11.68	11.71	11.45	11.22	11.07	13.00
	DFT-s-OFDM QPSK	1	1	12.74	12.41	12.32	12.14	12.13	11.89	13.50
		1	137	12.35	12.25	12.15	12.05	11.76	11.56	13.50
		1	271	12.28	12.03	11.93	11.74	11.52	11.54	13.50
		135	0	11.60	11.34	11.29	11.10	10.96	10.67	12.50
		135	69	12.32	12.26	12.22	12.02	11.81	11.59	13.50
		135	138	11.35	11.23	11.07	10.74	10.62	10.56	12.50
		270	0	11.44	11.19	11.26	10.89	10.75	10.60	12.50
	DFT-s-OFDM 16QAM	1	1	11.32	11.15	11.16	10.86	10.77	10.62	12.50
	DFT-s-OFDM 64QAM	1	1	9.97	9.97	9.84	9.52	9.43	9.43	11.00
	DFT-s-OFDM 256QAM	1	1	8.66	8.55	8.47	8.07	8.10	7.88	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	11.34	11.14	11.04	10.67	10.67	10.56	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM OPSK	1	1	12.62	12.58	12.37	12.14	12.00	11.90	13.50



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N77 ECI 3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.20	12.92	12.90	12.71	12.53	12.42	14.00
		1	137	12.80	12.75	12.62	12.48	12.24	12.05	14.00
		1	271	12.78	12.65	12.43	12.23	12.11	12.05	14.00
		135	0	12.60	12.42	12.44	12.12	11.99	11.77	13.50
		135	69	12.84	12.79	12.72	12.45	12.26	12.06	14.00
		135	138	12.34	12.28	12.23	11.83	11.69	11.58	13.50
		270	0	12.42	12.21	12.18	12.05	11.81	11.65	13.50
	DFT-s-OFDM QPSK	1	1	13.29	12.88	12.77	12.70	12.63	12.34	14.00
		1	137	12.92	12.82	12.60	12.49	12.22	12.01	14.00
		1	271	12.79	12.59	12.48	12.21	12.04	12.08	14.00
		135	0	12.14	11.89	11.87	11.58	11.45	11.14	13.00
		135	69	12.84	12.78	12.77	12.54	12.26	12.14	14.00
		135	138	11.86	11.71	11.64	11.28	11.12	11.05	13.00
	270	0	11.93	11.66	11.75	11.38	11.23	11.07	13.00	
	DFT-s-OFDM 16QAM	1	1	11.81	11.72	11.63	11.46	11.29	11.18	13.00
	DFT-s-OFDM 64QAM	1	1	10.44	10.47	10.40	10.00	9.91	9.92	11.50
	DFT-s-OFDM 256QAM	1	1	9.10	9.03	8.90	8.62	8.54	8.40	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	11.87	11.70	11.46	11.18	11.23	11.04	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.08	13.06	12.89	12.71	12.45	12.36	14.00



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N77 ECI 7					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	11.74	11.39	11.40	11.14	11.11	10.99	12.50
		1	137	11.31	11.24	11.19	10.94	10.74	10.52	12.50
		1	271	11.26	11.11	11.00	10.72	10.57	10.61	12.50
		135	0	11.06	10.94	10.87	10.66	10.50	10.27	12.00
		135	69	11.35	11.39	11.23	10.99	10.76	10.59	12.50
		135	138	10.86	10.76	10.71	10.35	10.16	10.01	12.00
		270	0	10.91	10.76	10.74	10.48	10.27	10.17	12.00
	DFT-s-OFDM QPSK	1	1	11.76	11.39	11.33	11.19	11.08	10.84	12.50
		1	137	11.36	11.28	11.13	11.01	10.71	10.51	12.50
		1	271	11.25	11.00	10.90	10.69	10.60	10.54	12.50
		135	0	10.57	10.39	10.35	10.10	9.98	9.74	11.50
		135	69	11.40	11.29	11.23	11.07	10.83	10.72	12.50
		135	138	10.36	10.29	10.12	9.72	9.60	9.52	11.50
		270	0	10.39	10.18	10.25	9.92	9.79	9.59	11.50
	DFT-s-OFDM 16QAM	1	1	10.31	10.22	10.16	9.95	9.74	9.67	11.50
	DFT-s-OFDM 64QAM	1	1	8.94	8.88	8.88	8.48	8.49	8.41	10.00
	DFT-s-OFDM 256QAM	1	1	7.67	7.48	7.42	7.08	7.00	6.88	8.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	10.29	10.19	10.00	9.70	9.69	9.64	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	11.56	11.57	11.38	11.21	10.92	10.95	12.50



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N77 ECI 6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.90	17.27	17.25	17.16	17.24	16.88	18.50
		1	137	17.46	17.19	17.05	16.90	16.65	16.60	18.50
		1	271	17.25	17.28	17.14	16.70	16.54	16.74	18.50
		135	0	17.24	16.94	17.04	16.74	16.51	16.10	18.00
		135	69	17.50	17.53	17.05	17.04	16.58	16.62	18.50
		135	138	16.97	16.82	16.69	16.50	16.22	16.14	18.00
		270	0	16.95	16.95	16.71	16.54	16.15	16.14	18.00
	DFT-s-OFDM QPSK	1	1	17.93	17.24	17.19	17.07	16.96	16.80	18.50
		1	137	17.30	17.14	16.95	16.85	16.63	16.72	18.50
		1	271	17.07	17.15	17.01	16.77	16.70	16.62	18.50
		135	0	16.65	16.38	16.19	16.14	15.93	15.94	17.50
		135	69	17.53	17.32	17.19	17.16	16.85	16.61	18.50
		135	138	16.22	16.12	16.22	15.80	15.76	15.67	17.50
		270	0	16.26	16.30	16.09	15.97	15.92	15.63	17.50
	DFT-s-OFDM 16QAM	1	1	16.26	16.04	16.05	15.96	15.64	15.56	17.50
	DFT-s-OFDM 64QAM	1	1	14.92	15.06	15.03	14.67	14.64	14.43	16.00
	DFT-s-OFDM 256QAM	1	1	13.68	13.68	13.40	12.95	12.89	12.70	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	16.43	16.35	15.83	15.66	15.78	15.54	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.46	17.58	17.03	17.12	17.09	18.50



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N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450–3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.41	/	22.00
		1	137	/	21.26	/	22.00
		1	271	/	21.43	/	22.00
		135	0	/	20.80	/	21.50
		135	69	/	21.29	/	22.00
		135	138	/	21.02	/	21.50
		270	0	/	20.84	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.37	/	22.00
		1	137	/	21.22	/	22.00
		1	271	/	21.56	/	22.00
		135	0	/	20.30	/	21.00
		135	69	/	21.25	/	22.00
		135	138	/	20.44	/	21.00
		270	0	/	20.35	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.07	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	18.77	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	17.14	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.97	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.45	21.56	21.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.35	21.60	21.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.35	21.61	21.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.43	21.61	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.58	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.49	21.63	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.43	21.63	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	21.42	21.60	21.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.35	21.46	21.42	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	21.41	21.56	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.45	21.47	21.40	22.00



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N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.97	/	13.50
		1	137	/	12.88	/	13.50
		1	271	/	13.06	/	13.50
		135	0	/	12.44	/	13.00
		135	69	/	12.93	/	13.50
		135	138	/	12.58	/	13.00
		270	0	/	12.45	/	13.00
	DFT-s-OFDM QPSK	1	1	/	12.92	/	13.50
		1	137	/	12.79	/	13.50
		1	271	/	13.21	/	13.50
		135	0	/	11.89	/	12.50
		135	69	/	12.85	/	13.50
		135	138	/	12.03	/	12.50
		270	0	/	11.94	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.66	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	10.34	/	11.00
	DFT-s-OFDM 256QAM	1	1	/	8.79	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.53	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.06	13.13	13.04	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.97	13.16	13.13	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.90	13.26	13.03	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.04	13.22	12.97	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.10	13.19	13.02	13.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.09	13.25	13.02	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.07	13.23	12.99	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	13.01	13.16	13.14	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.91	13.03	12.98	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	12.98	13.19	12.95	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	13.02	13.03	12.99	13.50

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450–3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.49	/	14.00
		1	137	/	13.34	/	14.00
		1	271	/	13.58	/	14.00
		135	0	/	12.89	/	13.50
		135	69	/	13.40	/	14.00
		135	138	/	13.15	/	13.50
		270	0	/	12.91	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.48	/	14.00
		1	137	/	13.36	/	14.00
		1	271	/	13.69	/	14.00
		135	0	/	12.35	/	13.00
		135	69	/	13.38	/	14.00
		135	138	/	12.59	/	13.00
		270	0	/	12.43	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.22	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	10.88	/	11.50



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	DFT-s-OFDM 256QAM	1	1	/	9.28	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.10	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.53	13.71	13.52	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.42	13.68	13.64	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.44	13.69	13.56	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.53	13.75	13.46	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.57	13.63	13.53	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.61	13.69	13.48	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.53	13.76	13.44	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	13.47	13.68	13.68	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.47	13.60	13.47	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	



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15MHz	DFT-s-OFDM QPSK	1	1	13.48	13.62	13.42	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	13.53	13.60	13.54	14.00

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.00	/	12.50
		1	137	/	11.87	/	12.50
		1	271	/	12.00	/	12.50
		135	0	/	11.40	/	12.00
		135	69	/	11.87	/	12.50
		135	138	/	11.58	/	12.00
		270	0	/	11.39	/	12.00
	DFT-s-OFDM QPSK	1	1	/	11.93	/	12.50
		1	137	/	11.81	/	12.50
		1	271	/	12.19	/	12.50
		135	0	/	10.89	/	11.50
		135	69	/	11.89	/	12.50
		135	138	/	11.02	/	11.50
		270	0	/	10.96	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.68	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.40	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.74	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.55	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.04	12.16	12.05	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.99	12.20	12.11	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	12.00	12.21	12.10	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.02	12.18	11.91	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.03	12.18	12.02	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.11	12.20	11.99	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.01	12.23	11.97	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	11.97	12.24	12.18	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.95	12.08	12.06	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	11.97	12.15	11.98	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	12.02	12.03	12.05	12.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.19	/	18.50
		1	137	/	17.73	/	18.50
		1	271	/	18.18	/	18.50
		135	0	/	17.21	/	18.00
		135	69	/	17.80	/	18.50
		135	138	/	17.56	/	18.00



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		270	0	/	17.39	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.82	/	18.50
		1	137	/	17.73	/	18.50
		1	271	/	18.03	/	18.50
		135	0	/	16.77	/	17.50
		135	69	/	17.75	/	18.50
		135	138	/	17.08	/	17.50
		270	0	/	16.99	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.76	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.54	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.54	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.43	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.23	18.28	17.96	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.86	18.12	17.96	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.07	18.36	18.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.12	17.99	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.89	18.34	18.21	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.28	18.16	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	



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30MHz	DFT-s-OFDM QPSK	1	1	18.17	18.40	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.12	18.36	18.25	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.77	18.12	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.94	18.08	18.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.12	17.98	18.24	18.50

N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.29	/	22.00
		1	137	/	20.86	/	22.00
		1	271	/	20.90	/	22.00
		135	0	/	20.67	/	21.50
		135	69	/	21.10	/	22.00
		135	138	/	20.35	/	21.50
		270	0	/	20.65	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.16	/	22.00
		1	137	/	20.85	/	22.00
		1	271	/	20.91	/	22.00
		135	0	/	20.19	/	21.00
		135	69	/	20.96	/	22.00
		135	138	/	19.94	/	21.00
		270	0	/	20.04	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.00	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	18.52	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	17.12	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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100MHz	CP-OFDM QPSK	1	1	/	19.76	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s- OFDM QPSK	1	1	21.28	21.24	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s- OFDM QPSK	1	1	21.29	21.23	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s- OFDM QPSK	1	1	21.38	21.33	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s- OFDM QPSK	1	1	21.33	21.32	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s- OFDM QPSK	1	1	21.33	21.24	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s- OFDM QPSK	1	1	21.24	21.32	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	21.31	21.28	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s- OFDM QPSK	1	1	21.24	21.15	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	21.36	21.22	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	21.32	21.18	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up



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10MHz	DFT-s-OFDM QPSK	1	1	21.23	21.29	21.14	22.00
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N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.85	/	13.50
		1	137	/	12.42	/	13.50
		1	271	/	12.54	/	13.50
		135	0	/	12.25	/	13.00
		135	69	/	12.74	/	13.50
		135	138	/	11.95	/	13.00
		270	0	/	12.26	/	13.00
	DFT-s-OFDM QPSK	1	1	/	12.80	/	13.50
		1	137	/	12.46	/	13.50
		1	271	/	12.50	/	13.50
		135	0	/	11.75	/	12.50
		135	69	/	12.59	/	13.50
		135	138	/	11.56	/	12.50
		270	0	/	11.69	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.57	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	10.16	/	11.00
	DFT-s-OFDM 256QAM	1	1	/	8.73	/	9.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.38	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	12.92	12.84	12.71	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	12.91	12.87	12.72	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	12.94	12.97	12.80	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	12.89	12.97	12.65	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	12.91	12.81	12.79	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.87	12.87	12.66	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	12.87	12.85	12.83	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	12.86	12.74	12.79	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.95	12.79	12.80	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	12.87	12.78	12.74	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	12.81	12.84	12.72	13.50

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.42	/	14.00
		1	137	/	12.98	/	14.00
		1	271	/	12.97	/	14.00
		135	0	/	12.81	/	13.50
		135	69	/	13.16	/	14.00
		135	138	/	12.45	/	13.50
		270	0	/	12.79	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.28	/	14.00
		1	137	/	13.00	/	14.00
		1	271	/	13.01	/	14.00
		135	0	/	12.30	/	13.00
		135	69	/	13.07	/	14.00
		135	138	/	12.01	/	13.00
		270	0	/	12.18	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	12.12	/	13.00



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	DFT-s-OFDM 64QAM	1	1	/	10.63	/	11.50
	DFT-s-OFDM 256QAM	1	1	/	9.26	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.91	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.38	13.36	13.24	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	13.40	13.36	13.22	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	13.45	13.44	13.28	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.41	13.40	13.13	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	13.41	13.39	13.27	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.29	13.37	13.19	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.45	13.41	13.27	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	13.31	13.23	13.27	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	13.47	13.31	13.32	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	13.47	13.27	13.25	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	13.29	13.44	13.26	14.00

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.86	/	12.50
		1	137	/	11.46	/	12.50
		1	271	/	11.46	/	12.50
		135	0	/	11.22	/	12.00
		135	69	/	11.66	/	12.50
		135	138	/	10.92	/	12.00
		270	0	/	11.29	/	12.00
	DFT-s-OFDM QPSK	1	1	/	11.71	/	12.50
		1	137	/	11.50	/	12.50
		1	271	/	11.53	/	12.50
		135	0	/	10.83	/	11.50
		135	69	/	11.61	/	12.50
		135	138	/	10.56	/	11.50
		270	0	/	10.69	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.56	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.09	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.77	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.40	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	11.84	11.85	11.70	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.84	11.86	11.69	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	12.01	11.96	11.79	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	11.89	11.91	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	11.96	11.83	11.76	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	11.86	11.92	11.69	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.91	11.91	11.86	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	11.79	11.78	11.85	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	11.93	11.81	11.83	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	11.94	11.83	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	11.84	11.84	11.78	12.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.02	/	18.50
		1	137	/	17.61	/	18.50
		1	271	/	17.36	/	18.50
		135	0	/	17.10	/	18.00



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		135	69	/	17.73	/	18.50
		135	138	/	16.74	/	18.00
		270	0	/	17.34	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.59	/	18.50
		1	137	/	17.43	/	18.50
		1	271	/	17.48	/	18.50
		135	0	/	16.91	/	17.50
		135	69	/	17.46	/	18.50
		135	138	/	16.67	/	17.50
		270	0	/	16.75	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.74	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.18	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	13.74	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.47	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.86	17.88	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.82	17.89	17.88	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.98	17.93	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.07	17.84	17.69	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.96	17.67	17.68	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.74	18.07	17.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	



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30MHz	DFT-s-OFDM QPSK	1	1	17.71	17.84	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	17.79	17.76	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.00	17.82	17.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	18.10	17.71	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.89	17.79	17.91	18.50



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11.5 Conducted Power of NR Antenna (Ant7)

N77 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.87	/	23.50
		1	137	/	22.44	/	23.50
		1	271	/	22.61	/	23.50
		135	0	/	22.08	/	23.00
		135	69	/	22.53	/	23.50
		135	138	/	22.03	/	23.00
		270	0	/	22.09	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.84	/	23.50
		1	137	/	22.39	/	23.50
		1	271	/	22.55	/	23.50
		135	0	/	21.66	/	22.50
		135	69	/	22.47	/	23.50
		135	138	/	21.54	/	22.50
		270	0	/	21.56	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.67	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.31	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.67	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.48	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.80	22.94	22.92	23.50

N77 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.49	/	15.00
		1	137	/	14.09	/	15.00
		1	271	/	14.18	/	15.00
		135	0	/	13.65	/	14.50
		135	69	/	14.18	/	15.00
		135	138	/	13.58	/	14.50
		270	0	/	13.68	/	14.50
			1	1	/	14.47	/



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	DFT-s-OFDM QPSK	1	137	/	13.99	/	15.00
		1	271	/	14.17	/	15.00
		135	0	/	13.24	/	14.00
		135	69	/	14.03	/	15.00
		135	138	/	13.17	/	14.00
		270	0	/	13.14	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.25	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.92	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	10.26	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.05	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.37	14.58	14.57	15.00

N77 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.00	/	16.50
		1	137	/	15.49	/	16.50
		1	271	/	15.72	/	16.50
		135	0	/	15.16	/	16.00
		135	69	/	15.66	/	16.50
		135	138	/	15.08	/	16.00
		270	0	/	15.20	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.98	/	16.50
		1	137	/	15.54	/	16.50
		1	271	/	15.67	/	16.50
		135	0	/	14.81	/	15.50
		135	69	/	15.56	/	16.50
		135	138	/	14.67	/	15.50
		270	0	/	14.65	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.73	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.44	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.74	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.62	/	15.00



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Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.86	16.05	15.98	16.50

N77 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.01	/	12.50
		1	137	/	11.50	/	12.50
		1	271	/	11.76	/	12.50
		135	0	/	11.19	/	12.00
		135	69	/	11.62	/	12.50
		135	138	/	11.13	/	12.00
		270	0	/	11.20	/	12.00
	DFT-s-OFDM QPSK	1	1	/	11.89	/	12.50
		1	137	/	11.52	/	12.50
		1	271	/	11.64	/	12.50
		135	0	/	10.80	/	11.50
		135	69	/	11.53	/	12.50
		135	138	/	10.66	/	11.50
		270	0	/	10.63	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.79	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.41	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.75	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.61	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.88	12.00	12.03	12.50

N77 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.46	/	18.00
		1	137	/	16.96	/	18.00
		1	271	/	17.17	/	18.00
		135	0	/	16.89	/	17.50
		135	69	/	17.15	/	18.00



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	DFT-s-OFDM QPSK	135	138	/	16.43	/	17.50
		270	0	/	16.58	/	17.50
		1	1	/	17.33	/	18.00
		1	137	/	17.07	/	18.00
		1	271	/	16.95	/	18.00
		135	0	/	16.40	/	17.00
		135	69	/	17.06	/	18.00
		135	138	/	15.99	/	17.00
		270	0	/	16.25	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.43	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	15.00	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	13.26	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.13	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.49	17.32	17.58	18.00

N77 ECI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.64	22.47	22.19	21.94	21.87	22.09	23.50
		1	137	22.31	22.02	21.92	21.85	22.02	22.18	23.50
		1	271	21.96	22.02	22.22	22.18	22.29	22.37	23.50
		135	0	21.98	21.70	21.43	21.37	21.61	21.70	23.00
		135	69	22.26	22.00	21.80	22.06	22.23	22.25	23.50
		135	138	21.63	21.48	21.40	21.59	21.82	21.84	23.00
		270	0	21.89	21.48	21.51	21.43	21.61	21.82	23.00
	DFT-s-OFDM QPSK	1	1	22.66	22.41	22.14	21.86	21.93	22.14	23.50
		1	137	22.24	21.94	21.87	21.94	22.12	22.23	23.50
		1	271	22.06	22.00	22.21	22.26	22.24	22.35	23.50
		135	0	21.56	21.27	21.02	20.96	21.14	21.26	22.50
		135	69	22.30	22.11	21.92	22.03	22.25	22.30	23.50
		135	138	21.13	20.92	20.99	21.16	21.26	21.38	22.50
		270	0	21.34	21.08	20.97	20.98	21.14	21.31	22.50
	DFT-s-OFDM 16QAM	1	1	21.34	21.03	20.82	20.64	20.78	20.77	22.50
	DFT-s-OFDM 64QAM	1	1	19.93	19.62	19.42	19.25	19.39	19.39	21.00



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	DFT-s-OFDM 256QAM	1	1	18.46	18.18	17.99	17.80	17.91	17.94	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	21.07	20.77	20.54	20.38	20.50	20.52	22.00
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	22.76	22.36	22.11	21.82	22.01	22.08	23.50

N77 ECI 2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.28	14.09	13.80	13.56	13.45	13.66	15.00
		1	137	13.87	13.57	13.48	13.50	13.65	13.81	15.00
		1	271	13.58	13.59	13.80	13.73	13.94	14.02	15.00
		135	0	13.53	13.33	13.01	12.94	13.18	13.29	14.50
		135	69	13.90	13.65	13.42	13.61	13.88	13.83	15.00
		135	138	13.25	13.04	12.98	13.17	13.39	13.42	14.50
		270	0	13.54	13.11	13.09	13.08	13.23	13.40	14.50
	DFT-s-OFDM QPSK	1	1	14.28	13.96	13.78	13.47	13.49	13.70	15.00
		1	137	13.86	13.57	13.43	13.53	13.67	13.87	15.00
		1	271	13.61	13.59	13.80	13.84	13.82	13.95	15.00
		135	0	13.15	12.83	12.63	12.55	12.71	12.88	14.00
		135	69	13.87	13.59	13.53	13.61	13.89	13.88	15.00
		135	138	12.74	12.52	12.55	12.78	12.84	12.94	14.00
		270	0	12.92	12.71	12.53	12.54	12.72	12.92	14.00
	DFT-s-OFDM 16QAM	1	1	12.90	12.66	12.37	12.27	12.36	12.39	14.00
	DFT-s-OFDM 64QAM	1	1	11.50	11.27	11.01	10.82	10.96	10.98	12.50
	DFT-s-OFDM 256QAM	1	1	10.09	9.74	9.62	9.44	9.48	9.53	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	12.63	12.41	12.09	12.02	12.10	12.08	13.50
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	14.37	13.99	13.73	13.40	13.58	13.73	15.00



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N77 ECI 3					Conducted Power(dBm)				
SCS 30kHz(3700~3980)									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	652400	654800	657200	659600	662000
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.79	15.60	15.32	15.07	15.01	15.22
		1	137	15.44	15.09	15.05	14.91	15.16	15.24
		1	271	15.08	15.11	15.35	15.32	15.35	15.42
		135	0	15.10	14.84	14.57	14.52	14.67	14.85
		135	69	15.37	15.07	14.88	15.15	15.38	15.35
		135	138	14.69	14.57	14.52	14.74	14.97	14.99
		270	0	14.99	14.60	14.59	14.49	14.69	14.93
	DFT-s-OFDM QPSK	1	1	15.71	15.48	15.19	14.92	15.04	15.20
		1	137	15.32	15.02	14.99	14.99	15.21	15.35
		1	271	15.18	15.13	15.28	15.30	15.39	15.47
		135	0	14.68	14.36	14.15	14.09	14.24	14.36
		135	69	15.38	15.14	14.95	15.16	15.32	15.36
		135	138	14.24	14.06	14.14	14.25	14.33	14.47
		270	0	14.45	14.13	14.02	14.10	14.24	14.38
	DFT-s-OFDM 16QAM	1	1	14.40	14.13	13.91	13.72	13.84	13.91
	DFT-s-OFDM 64QAM	1	1	13.05	12.69	12.55	12.33	12.51	12.53
	DFT-s-OFDM 256QAM	1	1	11.55	11.31	11.13	10.95	10.96	11.07
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				650000	652400	654800	657200	659600	662000
100MHz	CP-OFDM QPSK	1	1	14.18	13.88	13.59	13.52	13.61	13.59
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
				648000	651200	654400	657600	660800	664000
40MHz	DFT-s-OFDM OPSK	1	1	15.89	15.41	15.17	14.92	15.09	15.21

N77 ECI 7					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	11.70	11.56	11.32	11.04	10.98	11.24	12.50
		1	137	11.41	11.08	11.03	10.92	11.10	11.30	12.50
		1	271	11.11	11.08	11.36	11.31	11.36	11.50	12.50
		135	0	11.09	10.77	10.52	10.46	10.74	10.85	12.00
		135	69	11.32	11.06	10.94	11.11	11.28	11.33	12.50
		135	138	10.73	10.53	10.45	10.72	10.96	10.96	12.00
		270	0	10.95	10.57	10.64	10.54	10.76	10.87	12.00
		1	1	11.73	11.52	11.23	10.98	11.06	11.24	12.50



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	DFT-s-OFDM QPSK	1	137	11.39	11.09	10.94	10.99	11.22	11.38	12.50
		1	271	11.12	11.05	11.35	11.32	11.37	11.46	12.50
		135	0	10.70	10.37	10.08	10.09	10.21	10.41	11.50
		135	69	11.38	11.10	10.93	11.18	11.35	11.43	12.50
		135	138	10.21	10.03	10.09	10.27	10.36	10.52	11.50
		270	0	10.43	10.19	10.02	10.10	10.19	10.37	11.50
	DFT-s-OFDM 16QAM	1	1	10.48	10.17	9.97	9.77	9.93	9.84	11.50
	DFT-s-OFDM 64QAM	1	1	8.98	8.75	8.50	8.34	8.49	8.47	10.00
	DFT-s-OFDM 256QAM	1	1	7.58	7.29	7.07	6.95	7.02	7.06	8.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	10.20	9.86	9.69	9.53	9.56	9.62	11.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	11.85	11.41	11.26	10.87	11.08	11.20	12.50

N77 ECI 6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.09	16.93	16.70	16.69	16.53	16.80	18.00
		1	137	17.05	16.59	16.65	16.38	16.46	16.79	18.00
		1	271	16.72	16.54	16.76	16.87	16.68	17.02	18.00
		135	0	16.72	16.26	16.14	16.11	16.33	16.25	17.50
		135	69	16.96	16.53	16.26	16.52	16.76	16.78	18.00
		135	138	16.25	15.87	15.75	16.39	16.37	16.40	17.50
		270	0	16.36	16.06	16.20	15.89	16.09	16.40	17.50
	DFT-s-OFDM QPSK	1	1	17.40	17.17	16.91	16.46	16.51	16.66	18.00
		1	137	16.96	16.67	16.62	16.38	16.54	16.83	18.00
		1	271	16.56	16.67	17.05	17.01	17.01	17.16	18.00
		135	0	16.38	15.68	15.63	15.40	15.75	16.07	17.00
		135	69	16.85	16.74	16.49	16.76	16.80	17.13	18.00
		135	138	15.68	15.66	15.58	15.90	15.89	16.03	17.00
		270	0	16.11	15.82	15.37	15.78	15.61	15.80	17.00
	DFT-s-OFDM 16QAM	1	1	15.87	15.55	15.46	15.33	15.45	15.53	17.00
	DFT-s-OFDM 64QAM	1	1	14.51	14.41	14.17	13.86	14.05	14.07	15.50
	DFT-s-OFDM 256QAM	1	1	13.15	12.70	12.67	12.42	12.61	12.53	13.50
Bandwidth	Modulation			Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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		RB size	RB offset	650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	15.53	15.44	15.31	14.90	15.26	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.33	16.95	16.81	16.23	16.69	16.56	18.00

N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.94	/	23.50
		1	137	/	22.37	/	23.50
		1	271	/	22.73	/	23.50
		135	0	/	22.20	/	23.00
		135	69	/	22.66	/	23.50
		135	138	/	22.02	/	23.00
		270	0	/	22.10	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.86	/	23.50
		1	137	/	22.47	/	23.50
		1	271	/	22.68	/	23.50
		135	0	/	21.65	/	22.50
		135	69	/	22.56	/	23.50
		135	138	/	21.57	/	22.50
		270	0	/	21.59	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.63	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.23	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.55	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.45	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.85	22.91	22.82	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.85	22.96	22.84	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.76	22.94	22.82	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.91	22.93	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.95	22.88	22.82	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.88	22.84	22.90	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.94	22.81	22.83	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.92	22.93	22.90	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.79	22.87	22.77	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.81	23.01	22.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.80	22.94	22.90	23.50

N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.59	/	15.00
		1	137	/	13.94	/	15.00
		1	271	/	14.30	/	15.00
		135	0	/	13.83	/	14.50
		135	69	/	14.23	/	15.00



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		135	138	/	13.57	/	14.50
		270	0	/	13.72	/	14.50
	DFT-s-OFDM QPSK	1	1	/	14.47	/	15.00
		1	137	/	14.03	/	15.00
		1	271	/	14.23	/	15.00
		135	0	/	13.24	/	14.00
		135	69	/	14.17	/	15.00
		135	138	/	13.18	/	14.00
		270	0	/	13.14	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.18	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.84	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	10.17	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.01	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.50	14.53	14.44	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.49	14.61	14.39	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.36	14.54	14.40	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.46	14.50	14.36	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.51	14.51	14.46	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.52	14.44	14.50	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.51	14.44	14.46	15.00
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	14.55	14.55	14.49	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.36	14.46	14.39	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	14.41	14.56	14.37	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	14.37	14.53	14.52	15.00

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.06	/	16.50
		1	137	/	15.48	/	16.50
		1	271	/	15.78	/	16.50
		135	0	/	15.31	/	16.00
		135	69	/	15.72	/	16.50
		135	138	/	15.17	/	16.00
		270	0	/	15.21	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.94	/	16.50
		1	137	/	15.56	/	16.50
		1	271	/	15.80	/	16.50
		135	0	/	14.80	/	15.50
		135	69	/	15.62	/	16.50
		135	138	/	14.70	/	15.50
		270	0	/	14.67	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.76	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.30	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.63	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.51	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.90	15.99	15.97	16.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.00	16.01	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.90	16.07	15.90	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.98	15.98	15.81	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.09	15.93	15.89	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.00	15.93	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.06	15.89	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.00	15.99	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.94	15.96	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.90	16.12	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.88	16.03	15.96	16.50

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.02	/	12.50
		1	137	/	11.47	/	12.50
		1	271	/	11.79	/	12.50
		135	0	/	11.26	/	12.00
		135	69	/	11.71	/	12.50
		135	138	/	11.17	/	12.00
		270	0	/	11.22	/	12.00
	DFT-s-OFDM QPSK	1	1	/	12.00	/	12.50
		1	137	/	11.52	/	12.50
		1	271	/	11.81	/	12.50
		135	0	/	10.80	/	11.50
		135	69	/	11.66	/	12.50
		135	138	/	10.65	/	11.50
		270	0	/	10.68	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.73	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.28	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.64	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.51	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.97	11.98	11.93	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.00	12.09	11.94	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.89	12.05	11.96	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.97	12.00	11.83	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.06	11.95	11.93	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.99	11.94	11.97	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.99	11.95	11.90	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	11.99	12.04	11.97	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.88	11.97	11.91	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	11.86	12.07	11.88	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	11.88	12.00	11.98	12.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.57	/	18.00
		1	137	/	16.82	/	18.00
		1	271	/	17.27	/	18.00
		135	0	/	16.56	/	17.50
		135	69	/	17.15	/	18.00
		135	138	/	16.59	/	17.50
		270	0	/	16.87	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.54	/	18.00
		1	137	/	16.90	/	18.00
		1	271	/	17.28	/	18.00
		135	0	/	16.18	/	17.00
		135	69	/	17.26	/	18.00
		135	138	/	15.97	/	17.00
		270	0	/	16.38	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.42	/	17.00



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	DFT-s-OFDM 64QAM	1	1	/	14.66	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	13.28	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.20	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.33	17.63	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.66	17.43	17.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.53	17.47	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.30	17.30	17.31	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.57	17.34	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.55	17.39	17.49	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.49	17.56	17.48	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.58	17.57	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.23	17.64	17.25	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.40	17.60	17.45	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.33	17.32	17.37	18.00

N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.67	/	23.50
		1	137	/	22.39	/	23.50
		1	271	/	22.15	/	23.50
		135	0	/	22.35	/	23.00
		135	69	/	22.52	/	23.50
		135	138	/	21.75	/	23.00
		270	0	/	22.04	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.77	/	23.50
		1	137	/	22.34	/	23.50
		1	271	/	22.21	/	23.50
		135	0	/	21.79	/	22.50
		135	69	/	22.51	/	23.50
		135	138	/	21.20	/	22.50
		270	0	/	21.53	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.51	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.16	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.62	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.36	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.85	22.87	22.75	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.92	22.80	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.77	22.83	22.65	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.91	22.80	22.76	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.90	22.96	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.94	22.93	22.67	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.83	22.84	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.83	22.90	22.85	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.95	22.83	22.66	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.86	22.93	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.95	22.89	22.73	23.50

N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.30	/	15.00
		1	137	/	13.94	/	15.00
		1	271	/	13.75	/	15.00
		135	0	/	13.92	/	14.50



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		135	69	/	14.11	/	15.00
		135	138	/	13.36	/	14.50
		270	0	/	13.68	/	14.50
	DFT-s-OFDM QPSK	1	1	/	14.33	/	15.00
		1	137	/	13.94	/	15.00
		1	271	/	13.79	/	15.00
		135	0	/	13.42	/	14.00
		135	69	/	14.11	/	15.00
		135	138	/	12.82	/	14.00
		270	0	/	13.15	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.06	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.80	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	10.27	/	10.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.94	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.49	14.52	14.40	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.47	14.43	14.35	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	14.33	14.47	14.28	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	14.52	14.39	14.32	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	14.46	14.60	14.36	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	14.50	14.52	14.31	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.43	14.47	14.34	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	



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25MHz	DFT-s-OFDM QPSK	1	1	14.43	14.51	14.42	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.57	14.47	14.27	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.46	14.50	14.29	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.58	14.51	14.34	15.00

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.81	/	16.50
		1	137	/	15.45	/	16.50
		1	271	/	15.21	/	16.50
		135	0	/	15.45	/	16.00
		135	69	/	15.57	/	16.50
		135	138	/	14.88	/	16.00
		270	0	/	15.14	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.88	/	16.50
		1	137	/	15.46	/	16.50
		1	271	/	15.26	/	16.50
		135	0	/	14.91	/	15.50
		135	69	/	15.59	/	16.50
		135	138	/	14.31	/	15.50
		270	0	/	14.67	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.64	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.22	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.70	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.45	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	



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90MHz	DFT-s-OFDM QPSK	1	1	15.98	16.02	15.86	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.00	15.87	15.78	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.86	15.94	15.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.06	15.95	15.86	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.05	16.07	15.84	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.00	15.98	15.78	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.89	15.98	15.76	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.91	15.98	15.99	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.00	15.93	15.78	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.95	16.00	15.79	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.05	16.01	15.82	16.50



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N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.81	/	12.50
		1	137	/	11.46	/	12.50
		1	271	/	11.29	/	12.50
		135	0	/	11.50	/	12.00
		135	69	/	11.57	/	12.50
		135	138	/	10.89	/	12.00
		270	0	/	11.11	/	12.00
	DFT-s-OFDM QPSK	1	1	/	11.91	/	12.50
		1	137	/	11.43	/	12.50
		1	271	/	11.31	/	12.50
		135	0	/	10.92	/	11.50
		135	69	/	11.57	/	12.50
		135	138	/	10.33	/	11.50
		270	0	/	10.62	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.57	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	9.29	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	7.72	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.45	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	11.96	12.02	11.85	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	12.01	11.92	11.80	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	11.82	11.89	11.80	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	11.96	11.94	11.89	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	11.97	12.07	11.81	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.07	12.05	11.79	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.91	11.98	11.82	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	11.96	11.95	11.96	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.01	11.98	11.72	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	11.96	12.07	11.86	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	12.04	11.98	11.80	12.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.31	/	18.00
		1	137	/	16.86	/	18.00
		1	271	/	16.81	/	18.00
		135	0	/	17.00	/	17.50
		135	69	/	17.13	/	18.00
		135	138	/	16.54	/	17.50
		270	0	/	16.45	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.35	/	18.00
		1	137	/	16.96	/	18.00
		1	271	/	16.64	/	18.00
		135	0	/	16.44	/	17.00
		135	69	/	16.87	/	18.00
		135	138	/	15.94	/	17.00



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		270	0	/	16.28	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.99	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.70	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	13.32	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.81	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.40	17.62	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.58	17.62	17.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.31	17.51	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.63	17.48	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.52	17.74	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.73	17.73	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.40	17.65	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	17.26	17.34	17.50	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	



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20MHz	DFT-s-OFDM QPSK	1	1	17.34	17.33	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	17.60	17.48	17.29	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.41	17.53	17.23	18.00



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11.6 Conducted Power of NR Antenna (Ant8)

N77 ECI 4/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.35	/	23.50
		1	137	/	22.49	/	23.50
		1	271	/	22.58	/	23.50
		135	0	/	21.85	/	23.00
		135	69	/	22.25	/	23.50
		135	138	/	21.94	/	23.00
		270	0	/	21.95	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.36	/	23.50
		1	137	/	22.26	/	23.50
		1	271	/	22.57	/	23.50
		135	0	/	21.41	/	22.50
		135	69	/	22.52	/	23.50
		135	138	/	21.64	/	22.50
		270	0	/	21.50	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.13	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.73	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.27	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.99	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.93	22.40	22.85	23.50

N77 ECI 3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.27	/	20.50
		1	137	/	19.41	/	20.50
		1	271	/	19.45	/	20.50
		135	0	/	18.73	/	20.00
		135	69	/	19.15	/	20.50
		135	138	/	18.85	/	20.00
		270	0	/	18.80	/	20.00
			1	1	/	19.26	/



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	DFT-s-OFDM QPSK	1	137	/	19.14	/	20.50
		1	271	/	19.47	/	20.50
		135	0	/	18.35	/	19.50
		135	69	/	19.38	/	20.50
		135	138	/	18.59	/	19.50
		270	0	/	18.38	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.02	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	16.61	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	15.18	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.93	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.85	19.34	19.73	20.50

N77 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.22	/	17.50
		1	137	/	16.35	/	17.50
		1	271	/	16.46	/	17.50
		135	0	/	15.72	/	17.00
		135	69	/	16.15	/	17.50
		135	138	/	15.89	/	17.00
		270	0	/	15.81	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.21	/	17.50
		1	137	/	16.14	/	17.50
		1	271	/	16.30	/	17.50
		135	0	/	15.36	/	16.50
		135	69	/	16.22	/	17.50
		135	138	/	15.52	/	16.50
		270	0	/	15.42	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.06	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.67	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	12.22	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.84	/	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.86	16.25	16.73	17.50

N77 ECI 4/2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.54	22.60	22.06	22.59	21.93	21.69	23.50
		1	137	22.38	22.28	22.03	22.48	21.75	21.63	23.50
		1	271	22.47	21.87	21.75	22.36	21.61	21.57	23.50
		135	0	22.24	21.74	21.46	22.15	21.40	21.28	23.00
		135	69	22.57	22.26	21.97	22.47	21.80	21.71	23.50
		135	138	22.13	21.73	21.46	22.08	21.03	21.06	23.00
		270	0	22.18	21.68	21.45	21.93	21.38	21.14	23.00
	DFT-s-OFDM QPSK	1	1	22.48	22.52	22.11	22.53	21.98	21.80	23.50
		1	137	22.55	22.34	22.03	22.53	21.82	21.60	23.50
		1	271	22.49	21.91	21.78	22.41	21.56	21.62	23.50
		135	0	21.61	21.13	21.02	21.61	20.86	20.70	22.50
		135	69	22.57	22.27	22.19	22.57	21.82	21.83	23.50
		135	138	21.56	21.15	21.07	21.57	20.74	20.63	22.50
		270	0	21.47	21.20	20.98	21.55	20.80	20.64	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.18	21.19	21.08	20.50	20.67	22.50
	DFT-s-OFDM 64QAM	1	1	19.88	19.70	19.68	19.65	19.10	19.15	21.00
DFT-s-OFDM 256QAM	1	1	18.38	18.49	18.35	18.37	17.71	17.80	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	21.26	20.92	21.09	21.07	20.40	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM OPSK	1	1	22.52	22.39	22.09	22.55	22.09	21.79	23.50

N77 ECI 3/6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.68	19.66	19.18	19.66	19.06	18.83	20.50
		1	137	19.43	19.34	19.18	19.59	18.83	18.76	20.50
		1	271	19.53	18.99	18.86	19.49	18.67	18.66	20.50



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		135	0	19.38	18.85	18.52	19.30	18.52	18.41	20.00
		135	69	19.66	19.35	19.04	19.57	18.94	18.82	20.50
		135	138	19.27	18.78	18.56	19.13	18.09	18.15	20.00
		270	0	19.29	18.76	18.53	19.01	18.53	18.21	20.00
	DFT-s-OFDM QPSK	1	1	19.53	19.67	19.26	19.68	19.13	18.90	20.50
		1	137	19.63	19.49	19.10	19.63	18.96	18.69	20.50
		1	271	19.58	19.01	18.83	19.48	18.65	18.76	20.50
		135	0	18.72	18.18	18.07	18.74	17.97	17.75	19.50
		135	69	19.69	19.38	19.24	19.67	18.88	18.88	20.50
		135	138	18.61	18.30	18.12	18.71	17.89	17.70	19.50
		270	0	18.57	18.27	18.03	18.70	17.93	17.78	19.50
	DFT-s-OFDM 16QAM	1	1	18.46	18.30	18.25	18.22	17.61	17.79	19.50
	DFT-s-OFDM 64QAM	1	1	16.99	16.75	16.76	16.76	16.18	16.30	18.00
	DFT-s-OFDM 256QAM	1	1	15.46	15.61	15.40	15.44	14.85	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	18.39	18.06	18.14	18.21	17.51	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.58	19.53	19.22	19.70	19.16	18.90	20.50

N77 ECI 7					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.69	16.68	16.21	16.68	16.05	15.77	17.50
		1	137	16.45	16.39	16.12	16.53	15.84	15.72	17.50
		1	271	16.55	16.02	15.87	16.43	15.73	15.68	17.50
		135	0	16.35	15.89	15.52	16.20	15.48	15.34	17.00
		135	69	16.69	16.34	16.04	16.55	15.89	15.82	17.50
		135	138	16.21	15.87	15.53	16.23	15.09	15.15	17.00
		270	0	16.28	15.80	15.51	16.04	15.52	15.19	17.00
	DFT-s-OFDM QPSK	1	1	16.59	16.65	16.26	16.63	16.13	15.89	17.50
		1	137	16.60	16.45	16.10	16.62	15.89	15.72	17.50
		1	271	16.56	15.99	15.92	16.49	15.70	15.71	17.50
		135	0	15.76	15.28	15.16	15.71	14.97	14.77	16.50
		135	69	16.65	16.41	16.30	16.64	15.89	16.05	17.50
		135	138	15.69	15.25	15.18	15.67	14.82	14.77	16.50
		270	0	15.62	15.32	15.07	15.65	14.93	14.73	16.50
	DFT-s-OFDM 16QAM	1	1	15.46	15.28	15.29	15.14	14.60	14.74	16.50



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	DFT-s-OFDM 64QAM	1	1	13.96	13.81	13.78	13.76	13.23	13.20	15.00
	DFT-s-OFDM 256QAM	1	1	12.43	12.54	12.46	12.45	11.85	11.89	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	15.40	15.00	15.24	15.20	14.53	14.51	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.64	16.48	16.20	16.65	16.20	15.90	17.50

N78 ECI 4/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.63	/	23.50
		1	137	/	22.58	/	23.50
		1	271	/	22.83	/	23.50
		135	0	/	22.04	/	23.00
		135	69	/	22.77	/	23.50
		135	138	/	22.20	/	23.00
		270	0	/	22.08	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.63	/	23.50
		1	137	/	22.68	/	23.50
		1	271	/	22.70	/	23.50
		135	0	/	21.73	/	22.50
		135	69	/	22.78	/	23.50
		135	138	/	21.64	/	22.50
		270	0	/	21.63	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.53	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.91	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.44	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.28	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.69	22.73	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.67	22.79	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.69	22.64	22.49	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.75	22.73	22.66	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.59	22.75	22.62	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.61	22.66	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.74	22.70	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.67	22.79	22.60	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.78	22.63	22.52	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.72	22.82	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.74	22.80	22.58	23.50



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N78 ECI 3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.74	/	20.50
		1	137	/	19.66	/	20.50
		1	271	/	19.93	/	20.50
		135	0	/	19.12	/	20.00
		135	69	/	19.87	/	20.50
		135	138	/	19.25	/	20.00
		270	0	/	19.19	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.69	/	20.50
		1	137	/	19.77	/	20.50
		1	271	/	19.75	/	20.50
		135	0	/	18.86	/	19.50
		135	69	/	19.89	/	20.50
		135	138	/	18.72	/	19.50
		270	0	/	18.69	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.67	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	17.00	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	15.55	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.41	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.78	19.81	19.68	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.79	19.88	19.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.84	19.70	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.83	19.88	19.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.70	19.88	19.71	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.69	19.76	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.87	19.77	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.80	19.93	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.89	19.71	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.77	19.87	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.79	19.89	19.73	20.50

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.75	/	17.50
		1	137	/	16.69	/	17.50
		1	271	/	16.92	/	17.50
		135	0	/	16.17	/	17.00
		135	69	/	16.89	/	17.50
		135	138	/	16.30	/	17.00
		270	0	/	16.23	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.78	/	17.50
		1	137	/	16.75	/	17.50
		1	271	/	16.78	/	17.50
		135	0	/	15.85	/	16.50
		135	69	/	16.83	/	17.50
		135	138	/	15.72	/	16.50
		270	0	/	15.72	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.63	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.97	/	15.00



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	DFT-s-OFDM 256QAM	1	1	/	12.57	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.39	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.83	16.80	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.75	16.88	16.71	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.78	16.78	16.62	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.84	16.79	16.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.68	16.83	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.75	16.77	16.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.88	16.83	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	16.75	16.86	16.72	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.88	16.72	16.61	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	



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15MHz	DFT-s-OFDM QPSK	1	1	16.78	16.97	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.82	16.94	16.68	17.50

N78 ECI 4/2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.65	/	23.50
		1	137	/	22.72	/	23.50
		1	271	/	22.93	/	23.50
		135	0	/	22.40	/	23.00
		135	69	/	22.92	/	23.50
		135	138	/	22.39	/	23.00
		270	0	/	22.44	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.66	/	23.50
		1	137	/	22.78	/	23.50
		1	271	/	22.69	/	23.50
		135	0	/	21.91	/	22.50
		135	69	/	22.90	/	23.50
		135	138	/	21.75	/	22.50
		270	0	/	21.89	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.62	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	20.03	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.46	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.35	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.72	22.71	22.69	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.72	22.77	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	22.64	22.61	22.77	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.74	22.77	22.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.73	22.71	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	22.71	22.75	22.60	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.75	22.65	22.62	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.67	22.77	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.75	22.72	22.74	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	22.79	22.75	22.68	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.75	23.50

N78 ECI 3/6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.71	/	20.50
		1	137	/	19.82	/	20.50
		1	271	/	20.05	/	20.50
		135	0	/	19.50	/	20.00
		135	69	/	19.97	/	20.50



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	DFT-s-OFDM QPSK	135	138	/	19.46	/	20.00
		270	0	/	19.54	/	20.00
		1	1	/	19.79	/	20.50
		1	137	/	19.85	/	20.50
		1	271	/	19.83	/	20.50
		135	0	/	18.98	/	19.50
		135	69	/	19.95	/	20.50
		135	138	/	18.84	/	19.50
		270	0	/	19.03	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.75	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				100MHz	CP-OFDM QPSK	1	1
				1	1	/	19.00
				Channel	Channel	Channel	Tune up
				649668	650000	650334	
				90MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.80	19.80
				19.80	19.80	19.75	20.50
				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	649334	650000	650668	
				80MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.85	19.89
				19.85	19.89	19.69	20.50
				Channel	Channel	Channel	Tune up
				649000	650000	651000	
				70MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.78	19.69
				19.78	19.69	19.91	20.50
				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	648668	650000	651334	
				60MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.85	19.92
				19.85	19.92	19.87	20.50
				Channel	Channel	Channel	Tune up
				648334	650000	651668	
				50MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.79	19.78
				19.79	19.78	19.80	20.50
				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	648000	650000	652000	
				40MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.85	19.82
				19.85	19.82	19.75	20.50
				Channel	Channel	Channel	Tune up
				647668	650000	652334	
				30MHz	DFT-s-OFDM QPSK	1	1
				1	1	19.86	19.80
				19.86	19.80	19.70	20.50
				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	647501	650000	652501	



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25MHz	DFT-s-OFDM QPSK	1	1	19.81	19.86	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.85	19.79	19.82	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.94	19.88	19.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.80	19.72	19.89	20.50

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.77	/	17.50
		1	137	/	16.80	/	17.50
		1	271	/	16.98	/	17.50
		135	0	/	16.55	/	17.00
		135	69	/	17.02	/	17.50
		135	138	/	16.53	/	17.00
		270	0	/	16.55	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.75	/	17.50
		1	137	/	16.89	/	17.50
		1	271	/	16.80	/	17.50
		135	0	/	15.99	/	16.50
		135	69	/	17.03	/	17.50
		135	138	/	15.81	/	16.50
		270	0	/	15.98	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.68	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	14.12	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	12.55	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.50	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	



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90MHz	DFT-s-OFDM QPSK	1	1	16.78	16.79	16.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.85	16.84	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.72	16.71	16.86	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.80	16.90	16.85	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.83	16.82	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.81	16.81	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.82	16.70	16.72	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	16.74	16.87	16.71	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.81	16.77	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	16.90	16.81	16.74	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.74	16.69	16.90	17.50



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11.7 Conducted Power of NR Antenna (Ant9)

N41 ECI 4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.35	22.46	22.46	22.39	22.39	23.50
		1	137	22.27	22.45	22.45	22.26	22.36	23.50
		1	271	22.36	22.35	22.27	22.06	22.41	23.50
		135	0	21.90	21.95	21.76	21.72	21.84	23.00
		135	69	22.39	22.48	22.43	22.54	22.48	23.50
		135	138	22.01	21.78	21.84	21.83	21.90	23.00
		270	0	22.09	21.99	21.84	21.84	21.91	23.00
	DFT-s-OFDM QPSK	1	1	22.44	22.46	22.36	22.29	22.43	23.50
		1	137	22.27	22.41	22.41	22.22	22.38	23.50
		1	271	22.41	22.28	22.26	22.15	22.36	23.50
		135	0	21.42	21.38	21.25	21.32	21.27	22.50
		135	69	22.47	22.48	22.44	22.47	22.44	23.50
		135	138	21.60	21.36	21.25	21.31	21.33	22.50
		270	0	21.49	21.44	21.32	21.29	21.34	22.50
	DFT-s-OFDM 16QAM	1	1	21.00	21.02	20.99	20.96	21.01	22.50
	DFT-s-OFDM 64QAM	1	1	19.63	19.57	19.53	19.48	19.55	21.00
	DFT-s-OFDM 256QAM	1	1	18.21	18.22	18.16	18.21	18.09	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.80	20.68	20.72	20.71	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.47	22.54	22.44	22.36	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.50	22.45	22.46	22.37	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	22.50	22.46	22.41	22.31	22.45	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	



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60MHz	DFT-s-OFDM QPSK	1	1	22.35	22.37	22.44	22.25	22.42	23.50
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	22.34	22.45	22.44	22.35	22.41	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503703	Channel 511152	Channel 518598	Channel 526050	Channel 533499	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	22.49	22.51	22.27	22.39	22.35	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.53	22.54	22.35	22.23	22.40	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502701	Channel 510651	Channel 518598	Channel 526551	Channel 534498	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	22.35	22.50	22.28	22.25	22.48	23.50
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	22.40	22.47	22.37	22.19	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 510153	Channel 518598	Channel 527049	Channel 535497	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.52	22.42	22.46	22.33	22.48	23.50
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	22.41	22.39	22.45	22.34	22.36	23.50
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	22.37	22.53	22.30	22.28	22.48	23.50
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	22.54	22.53	22.31	22.29	22.46	23.50



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N41 ECI 2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.96	18.04	18.09	17.97	18.03	19.00
		1	137	17.92	18.08	18.00	17.83	17.97	19.00
		1	271	17.95	17.99	17.86	17.66	17.99	19.00
		135	0	17.45	17.54	17.32	17.37	17.39	18.50
		135	69	18.04	18.05	18.07	18.09	18.05	19.00
		135	138	17.57	17.35	17.47	17.43	17.54	18.50
		270	0	17.70	17.56	17.40	17.44	17.46	18.50
	DFT-s-OFDM QPSK	1	1	18.02	18.08	17.98	17.91	18.05	19.00
		1	137	17.85	17.98	18.06	17.86	17.93	19.00
		1	271	17.97	17.86	17.84	17.79	17.91	19.00
		135	0	16.98	16.96	16.89	16.89	16.91	18.00
		135	69	18.05	18.07	18.06	18.08	17.99	19.00
		135	138	17.23	16.98	16.88	16.92	16.94	18.00
		270	0	17.10	17.00	16.92	16.93	16.96	18.00
	DFT-s-OFDM 16QAM	1	1	16.60	16.67	16.61	16.54	16.66	18.00
	DFT-s-OFDM 64QAM	1	1	15.19	15.19	15.15	15.11	15.11	16.50
	DFT-s-OFDM 256QAM	1	1	13.85	13.82	13.80	13.84	13.70	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.38	16.32	16.32	16.26	16.29	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.03	18.11	18.00	17.93	18.00	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.07	18.07	18.02	17.94	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	18.06	18.01	18.02	17.96	18.06	19.00
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	17.91	18.01	17.99	17.80	18.01	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.94	18.06	18.06	17.90	18.02	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	18.05	18.12	17.83	17.95	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.13	18.10	17.99	17.79	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	17.94	18.12	17.88	17.83	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.05	18.04	17.98	17.76	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	18.08	18.01	18.04	17.89	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.96	17.97	18.07	17.90	18.00	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	17.92	18.08	17.92	17.90	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	18.10	18.16	17.88	17.94	18.07	19.00



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N41 ECI 3/6				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.91	16.11	16.05	16.00	15.99	17.00
		1	137	15.88	16.06	16.05	15.85	16.01	17.00
		1	271	15.98	15.97	15.85	15.61	15.97	17.00
		135	0	15.54	15.53	15.38	15.36	15.48	16.50
		135	69	16.02	16.04	16.03	16.17	16.08	17.00
		135	138	15.66	15.43	15.39	15.44	15.45	16.50
		270	0	15.64	15.54	15.48	15.40	15.54	16.50
	DFT-s-OFDM QPSK	1	1	16.08	16.09	15.95	15.94	16.08	17.00
		1	137	15.89	16.05	16.04	15.80	15.98	17.00
		1	271	16.06	15.90	15.85	15.73	15.98	17.00
		135	0	15.02	14.99	14.82	14.95	14.91	16.00
		135	69	16.02	16.06	16.06	16.03	16.06	17.00
		135	138	15.15	15.00	14.90	14.89	14.91	16.00
		270	0	15.07	15.07	14.90	14.84	14.90	16.00
	DFT-s-OFDM 16QAM	1	1	14.61	14.65	14.58	14.54	14.58	16.00
	DFT-s-OFDM 64QAM	1	1	13.24	13.22	13.18	13.12	13.11	14.50
	DFT-s-OFDM 256QAM	1	1	11.84	11.79	11.74	11.78	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.40	14.27	14.33	14.34	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.03	16.16	16.01	16.01	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.13	16.09	16.09	16.01	16.17	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	16.10	16.05	16.03	15.95	16.08	17.00
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	15.91	16.00	16.07	15.86	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	15.89	16.03	16.03	15.99	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	16.13	16.06	15.88	16.04	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.16	16.12	15.92	15.80	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	16.00	16.14	15.92	15.84	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	15.96	16.03	15.93	15.84	16.01	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	16.07	16.03	16.09	15.89	16.03	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.05	15.96	16.09	15.94	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	15.95	16.12	15.92	15.93	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.11	16.17	15.87	15.94	16.04	17.00



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N41 ECI 7				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	10.40	10.60	10.58	10.51	10.46	11.50
		1	137	10.32	10.57	10.55	10.31	10.46	11.50
		1	271	10.44	10.46	10.35	10.20	10.50	11.50
		135	0	10.02	10.00	9.81	9.80	9.92	11.00
		135	69	10.49	10.55	10.48	10.67	10.62	11.50
		135	138	10.11	9.89	9.99	9.94	9.98	11.00
		270	0	10.23	10.08	9.93	9.90	10.06	11.00
	DFT-s-OFDM QPSK	1	1	10.50	10.58	10.51	10.36	10.52	11.50
		1	137	10.39	10.54	10.53	10.35	10.46	11.50
		1	271	10.49	10.41	10.40	10.22	10.49	11.50
		135	0	9.57	9.49	9.31	9.46	9.39	10.50
		135	69	10.53	10.57	10.55	10.54	10.56	11.50
		135	138	9.65	9.46	9.36	9.38	9.38	10.50
		270	0	9.59	9.57	9.46	9.34	9.39	10.50
	DFT-s-OFDM 16QAM	1	1	9.05	9.15	9.04	9.01	9.08	10.50
	DFT-s-OFDM 64QAM	1	1	7.76	7.67	7.58	7.55	7.66	9.00
	DFT-s-OFDM 256QAM	1	1	6.31	6.28	6.28	6.28	6.18	7.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	8.95	8.78	8.83	8.86	8.76	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	10.59	10.65	10.55	10.48	10.52	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	10.58	10.54	10.61	10.47	10.64	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	10.62	10.51	10.49	10.40	10.60	11.50
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	10.46	10.52	10.59	10.34	10.52	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	10.46	10.54	10.53	10.47	10.47	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503703	511152	518598	526050	533499	
45MHz	DFT-s-OFDM QPSK	1	1	10.64	10.56	10.34	10.54	10.43	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	10.67	10.68	10.44	10.35	10.51	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502701	510651	518598	526551	534498	
35MHz	DFT-s-OFDM QPSK	1	1	10.45	10.62	10.34	10.30	10.60	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	10.48	10.58	10.45	10.24	10.56	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501702	510153	518598	527049	535497	
25MHz	DFT-s-OFDM QPSK	1	1	10.61	10.56	10.61	10.39	10.57	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	10.56	10.48	10.59	10.41	10.41	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	10.48	10.62	10.39	10.34	10.58	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	10.68	10.65	10.38	10.37	10.54	11.50



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11.8 Conducted Power of NR Antenna (Ant10)

N77 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.49	/	19.50
		1	137	/	18.26	/	19.50
		1	271	/	18.44	/	19.50
		135	0	/	17.78	/	19.00
		135	69	/	18.29	/	19.50
		135	138	/	17.99	/	19.00
		270	0	/	17.99	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.44	/	19.50
		1	137	/	18.29	/	19.50
		1	271	/	18.63	/	19.50
		135	0	/	17.38	/	18.50
		135	69	/	18.32	/	19.50
		135	138	/	17.41	/	18.50
		270	0	/	17.42	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.17	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.86	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.25	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.06	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.48	18.41	24.37	19.50

N77 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.11	/	23.00
		1	137	/	21.88	/	23.00
		1	271	/	22.07	/	23.00
		135	0	/	21.39	/	22.50
		135	69	/	21.92	/	23.00
		135	138	/	21.56	/	22.50
		270	0	/	21.55	/	22.50
			1	1	/	22.03	/



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	DFT-s-OFDM QPSK	1	137	/	21.90	/	23.00
		1	271	/	22.25	/	23.00
		135	0	/	21.01	/	22.00
		135	69	/	21.89	/	23.00
		135	138	/	21.00	/	22.00
		270	0	/	20.99	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.82	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.43	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.85	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.69	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.10	22.01	21.94	23.00

N77 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	10.12	/	11.00
		1	137	/	9.82	/	11.00
		1	271	/	9.99	/	11.00
		135	0	/	9.37	/	10.50
		135	69	/	9.90	/	11.00
		135	138	/	9.55	/	10.50
		270	0	/	9.62	/	10.50
	DFT-s-OFDM QPSK	1	1	/	10.05	/	11.00
		1	137	/	9.84	/	11.00
		1	271	/	10.28	/	11.00
		135	0	/	8.96	/	10.00
		135	69	/	9.89	/	11.00
		135	138	/	9.00	/	10.00
		270	0	/	9.05	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	8.74	/	10.00
	DFT-s-OFDM 64QAM	1	1	/	7.47	/	8.50
	DFT-s-OFDM 256QAM	1	1	/	5.87	/	6.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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100MHz	CP-OFDM QPSK	1	1	/	8.68	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	10.05	10.06	10.02	11.00

N77 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	8.60	/	9.50
		1	137	/	8.41	/	9.50
		1	271	/	8.57	/	9.50
		135	0	/	7.89	/	9.00
		135	69	/	8.43	/	9.50
		135	138	/	8.04	/	9.00
		270	0	/	8.11	/	9.00
	DFT-s-OFDM QPSK	1	1	/	8.50	/	9.50
		1	137	/	8.37	/	9.50
		1	271	/	8.68	/	9.50
		135	0	/	7.51	/	8.50
		135	69	/	8.39	/	9.50
		135	138	/	7.56	/	8.50
		270	0	/	7.49	/	8.50
	DFT-s-OFDM 16QAM	1	1	/	7.31	/	8.50
	DFT-s-OFDM 64QAM	1	1	/	6.00	/	7.00
	DFT-s-OFDM 256QAM	1	1	/	4.39	/	5.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	7.16	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	8.53	8.54	8.49	9.50

N77 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.60	/	16.50
		1	137	/	15.41	/	16.50
		1	271	/	15.57	/	16.50



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		135	0	/	14.89	/	16.00
		135	69	/	15.43	/	16.50
		135	138	/	15.04	/	16.00
		270	0	/	15.11	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.50	/	16.50
		1	137	/	15.37	/	16.50
		1	271	/	15.68	/	16.50
		135	0	/	14.51	/	15.50
		135	69	/	15.39	/	16.50
		135	138	/	14.56	/	15.50
		270	0	/	14.49	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.31	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.00	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.39	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.16	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.53	15.54	15.49	16.50

N77 ECI 4					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.78	18.65	18.34	17.87	17.65	17.79	19.50
		1	137	18.46	18.16	17.81	17.72	17.79	17.70	19.50
		1	271	18.03	17.94	17.83	17.81	17.79	17.86	19.50
		135	0	18.16	17.91	17.57	17.38	17.40	17.36	19.00
		135	69	18.42	18.15	17.95	17.87	17.83	17.73	19.50
		135	138	17.82	17.56	17.41	17.45	17.15	17.27	19.00
		270	0	17.87	17.59	17.54	17.36	17.22	17.24	19.00
	DFT-s-OFDM QPSK	1	1	18.77	18.56	18.23	17.95	17.67	17.77	19.50
		1	137	18.45	18.13	17.84	17.73	17.68	17.62	19.50
		1	271	18.10	17.87	17.78	17.76	17.74	17.81	19.50
		135	0	17.67	17.43	17.06	16.91	16.80	16.82	18.50
		135	69	18.55	18.16	17.89	17.79	17.73	17.84	19.50
		135	138	17.24	16.99	16.86	16.82	16.81	16.84	18.50
		270	0	17.38	17.19	16.91	16.76	16.76	16.79	18.50
	DFT-s-OFDM 16QAM	1	1	17.26	17.06	16.70	16.77	16.81	16.78	18.50



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	DFT-s-OFDM 64QAM	1	1	15.74	15.66	15.31	15.31	15.36	15.17	17.00
	DFT-s-OFDM 256QAM	1	1	14.42	14.17	14.03	13.90	13.91	14.00	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	16.85	16.67	16.55	16.50	16.52	16.53	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.85	18.53	18.20	17.99	17.72	17.81	19.50

N77 ECI 2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.43	22.24	21.98	21.45	21.23	21.38	23.00
		1	137	22.02	21.78	21.36	21.28	21.44	21.28	23.00
		1	271	21.66	21.59	21.43	21.38	21.38	21.46	23.00
		135	0	21.78	21.53	21.18	20.95	21.04	20.91	22.50
		135	69	22.07	21.76	21.53	21.48	21.43	21.35	23.00
		135	138	21.47	21.18	21.04	21.07	20.79	20.90	22.50
		270	0	21.42	21.18	21.10	20.98	20.86	20.87	22.50
	DFT-s-OFDM QPSK	1	1	22.27	22.13	21.81	21.51	21.26	21.42	23.00
		1	137	22.06	21.73	21.39	21.29	21.24	21.27	23.00
		1	271	21.71	21.52	21.37	21.39	21.35	21.41	23.00
		135	0	21.25	21.08	20.63	20.53	20.37	20.43	22.00
		135	69	22.05	21.80	21.53	21.38	21.43	21.46	23.00
		135	138	20.87	20.56	20.50	20.47	20.42	20.48	22.00
		270	0	21.01	20.82	20.53	20.41	20.34	20.37	22.00
	DFT-s-OFDM 16QAM	1	1	20.83	20.64	20.35	20.37	20.43	20.42	22.00
	DFT-s-OFDM 64QAM	1	1	19.39	19.27	18.88	18.96	18.95	18.73	20.50
	DFT-s-OFDM 256QAM	1	1	17.98	17.75	17.68	17.55	17.48	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.42	20.28	20.10	20.11	20.14	20.09	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM OPSK	1	1	22.40	22.11	21.84	21.59	21.37	21.40	23.00



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N77 ECI 3					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	10.36	10.26	9.90	9.52	9.26	9.35	11.00
		1	137	10.02	9.76	9.40	9.37	9.43	9.33	11.00
		1	271	9.65	9.50	9.43	9.39	9.37	9.43	11.00
		135	0	9.71	9.50	9.21	8.93	8.99	8.98	10.50
		135	69	10.04	9.73	9.59	9.42	9.39	9.33	11.00
		135	138	9.43	9.18	9.05	9.03	8.73	8.90	10.50
		270	0	9.48	9.22	9.12	8.98	8.87	8.89	10.50
	DFT-s-OFDM QPSK	1	1	10.32	10.17	9.78	9.54	9.28	9.34	11.00
		1	137	10.09	9.78	9.46	9.29	9.26	9.17	11.00
		1	271	9.75	9.46	9.33	9.32	9.32	9.46	11.00
		135	0	9.31	9.03	8.61	8.56	8.35	8.37	10.00
		135	69	10.03	9.71	9.50	9.44	9.35	9.39	11.00
		135	138	8.89	8.63	8.49	8.44	8.42	8.46	10.00
		270	0	9.03	8.83	8.48	8.41	8.37	8.43	10.00
	DFT-s-OFDM 16QAM	1	1	8.91	8.66	8.31	8.35	8.39	8.38	10.00
	DFT-s-OFDM 64QAM	1	1	7.38	7.26	6.87	6.92	6.98	6.82	8.50
	DFT-s-OFDM 256QAM	1	1	6.05	5.78	5.63	5.47	5.51	5.65	6.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	8.42	8.22	8.19	8.15	8.17	8.10	9.50
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	10.47	10.16	9.84	9.63	9.35	9.44	11.00

N77 ECI 7					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	8.89	8.72	8.41	8.02	7.76	7.88	9.50
		1	137	8.57	8.28	7.86	7.82	7.85	7.79	9.50
		1	271	8.18	8.07	7.91	7.87	7.87	7.93	9.50
		135	0	8.26	8.02	7.65	7.51	7.47	7.43	9.00
		135	69	8.56	8.22	8.04	7.97	7.96	7.78	9.50
		135	138	7.96	7.64	7.47	7.60	7.29	7.39	9.00
		270	0	7.99	7.67	7.59	7.48	7.27	7.39	9.00
		1	1	8.76	8.65	8.31	8.02	7.81	7.91	9.50



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	DFT-s-OFDM QPSK	1	137	8.59	8.21	7.90	7.86	7.81	7.76	9.50
		1	271	8.15	7.97	7.87	7.81	7.81	7.88	9.50
		135	0	7.82	7.58	7.13	7.04	6.93	6.96	8.50
		135	69	8.50	8.24	7.95	7.93	7.80	7.89	9.50
		135	138	7.29	7.06	7.01	6.91	6.89	6.98	8.50
		270	0	7.52	7.31	7.02	6.87	6.91	6.94	8.50
	DFT-s-OFDM 16QAM	1	1	7.32	7.13	6.83	6.91	6.92	6.90	8.50
	DFT-s-OFDM 64QAM	1	1	5.84	5.78	5.41	5.38	5.49	5.28	7.00
	DFT-s-OFDM 256QAM	1	1	4.48	4.25	4.14	3.97	4.03	4.09	5.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	6.92	6.77	6.66	6.58	6.61	6.58	8.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	8.98	8.66	8.30	8.04	7.86	7.93	9.50

N77 ECI 6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.78	15.86	15.47	14.86	14.79	14.91	16.50
		1	137	15.73	15.08	14.85	14.82	15.02	14.86	16.50
		1	271	15.23	15.04	14.72	14.75	15.01	15.05	16.50
		135	0	15.31	14.91	14.84	14.48	14.67	14.29	16.00
		135	69	15.61	15.34	15.22	14.99	15.00	14.95	16.50
		135	138	15.03	14.48	14.54	14.65	14.11	14.23	16.00
		270	0	15.13	14.68	14.61	14.42	14.29	14.43	16.00
	DFT-s-OFDM QPSK	1	1	15.85	15.54	15.11	15.05	14.88	14.95	16.50
		1	137	15.77	15.01	14.86	14.73	14.75	14.95	16.50
		1	271	15.34	14.85	14.80	14.91	14.74	14.98	16.50
		135	0	14.83	14.38	14.19	14.22	14.01	14.02	15.50
		135	69	15.30	15.39	14.89	15.00	14.70	14.96	16.50
		135	138	14.24	14.03	14.10	13.79	14.01	13.97	15.50
		270	0	14.54	14.38	13.89	13.98	13.77	13.80	15.50
	DFT-s-OFDM 16QAM	1	1	14.23	14.07	13.96	13.79	14.11	13.81	15.50
	DFT-s-OFDM 64QAM	1	1	12.95	12.78	12.51	12.34	12.39	12.16	14.00
	DFT-s-OFDM 256QAM	1	1	11.50	11.42	10.98	11.17	11.22	11.02	12.00
Bandwidth	Modulation			Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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		RB size	RB offset	650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	13.98	13.91	13.65	13.67	13.81	13.69	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	

N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.61	/	19.50
		1	137	/	18.23	/	19.50
		1	271	/	18.74	/	19.50
		135	0	/	17.99	/	19.00
		135	69	/	18.47	/	19.50
		135	138	/	18.04	/	19.00
		270	0	/	18.04	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.47	/	19.50
		1	137	/	18.37	/	19.50
		1	271	/	18.73	/	19.50
		135	0	/	17.46	/	18.50
		135	69	/	18.40	/	19.50
		135	138	/	17.50	/	18.50
		270	0	/	17.43	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.20	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	15.83	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.22	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.09		18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.39	18.40	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.38	18.30	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.46	18.38	18.46	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.42	18.32	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.37	18.36	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.40	18.46	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.36	18.30	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.42	18.50	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.37	18.39	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	18.46	18.46	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.36	18.47	18.48	19.50

N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.18	/	23.00
		1	137	/	21.82	/	23.00
		1	271	/	22.34	/	23.00
		135	0	/	21.55	/	22.50
		135	69	/	22.04	/	23.00



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	DFT-s-OFDM QPSK	135	138	/	21.63	/	22.50
		270	0	/	21.63	/	22.50
		1	1	/	22.05	/	23.00
		1	137	/	21.96	/	23.00
		1	271	/	22.30	/	23.00
		135	0	/	21.07	/	22.00
		135	69	/	21.98	/	23.00
		135	138	/	21.05	/	22.00
		270	0	/	21.07	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.80	/	22.00
Bandwidth	DFT-s-OFDM 64QAM	1	1	/	19.47	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.79	/	18.50
	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	20.64	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				633000	633334	633668	
	90MHz	DFT-s-OFDM QPSK	1	1	21.96	22.05	22.07
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				632668	633334	634000	
Bandwidth	80MHz	DFT-s-OFDM QPSK	1	1	21.96	21.89	21.93
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				632334	633334	634334	
	70MHz	DFT-s-OFDM QPSK	1	1	22.06	22.02	22.04
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				632000	633334	634668	
	60MHz	DFT-s-OFDM QPSK	1	1	21.99	21.97	21.98
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				631668	633334	635000	
	50MHz	DFT-s-OFDM QPSK	1	1	21.95	21.96	21.97
Bandwidth	40MHz	DFT-s-OFDM QPSK	1	1	22.04	22.08	21.96
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				631334	633334	635334	
	30MHz	DFT-s-OFDM QPSK	1	1	21.95	21.93	21.97
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				631001	633334	635667	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Tune up
				630834	633334	635833	



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25MHz	DFT-s-OFDM QPSK	1	1	22.06	22.13	21.97	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.94	21.98	21.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.05	22.01	21.93	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.95	22.05	22.10	23.00

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	10.24	/	11.00
		1	137	/	9.86	/	11.00
		1	271	/	10.37	/	11.00
		135	0	/	9.59	/	10.50
		135	69	/	10.03	/	11.00
		135	138	/	9.67	/	10.50
		270	0	/	9.68	/	10.50
	DFT-s-OFDM QPSK	1	1	/	10.07	/	11.00
		1	137	/	9.98	/	11.00
		1	271	/	10.34	/	11.00
		135	0	/	9.01	/	10.00
		135	69	/	9.97	/	11.00
		135	138	/	9.08	/	10.00
		270	0	/	9.01	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	8.82	/	10.00
	DFT-s-OFDM 64QAM	1	1	/	7.40	/	8.50
	DFT-s-OFDM 256QAM	1	1	/	5.86	/	6.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	8.67	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	9.99	9.95	10.07	11.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	9.97	9.87	9.89	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	10.09	9.94	10.03	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	9.99	9.97	9.92	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	10.00	9.95	10.06	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	10.00	10.06	9.98	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	9.95	9.88	9.91	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	10.05	10.13	10.03	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	9.93	9.98	10.01	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	10.03	10.03	10.00	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	9.93	10.06	10.05	11.00



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N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	8.72	/	9.50
		1	137	/	8.29	/	9.50
		1	271	/	8.86	/	9.50
		135	0	/	8.10	/	9.00
		135	69	/	8.53	/	9.50
		135	138	/	8.14	/	9.00
		270	0	/	8.10	/	9.00
	DFT-s-OFDM QPSK	1	1	/	8.57	/	9.50
		1	137	/	8.50	/	9.50
		1	271	/	8.88	/	9.50
		135	0	/	7.51	/	8.50
		135	69	/	8.47	/	9.50
		135	138	/	7.65	/	8.50
		270	0	/	7.48	/	8.50
	DFT-s-OFDM 16QAM	1	1	/	7.28	/	8.50
	DFT-s-OFDM 64QAM	1	1	/	5.92	/	7.00
	DFT-s-OFDM 256QAM	1	1	/	4.27	/	5.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	7.22	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	8.54	8.47	8.56	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	8.43	8.36	8.42	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	8.61	8.53	8.51	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	8.48	8.40	8.46	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	8.44	8.50	8.47	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	8.48	8.51	8.51	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	8.47	8.45	8.46	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	8.47	8.62	8.55	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	8.42	8.53	8.53	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	8.55	8.51	8.53	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	8.51	8.61	8.56	9.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.65	/	16.50
		1	137	/	15.27	/	16.50
		1	271	/	15.82	/	16.50
		135	0	/	15.22	/	16.00
		135	69	/	15.43	/	16.50
		135	138	/	15.23	/	16.00
		270	0	/	15.23	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.61	/	16.50
		1	137	/	15.30	/	16.50
		1	271	/	16.01	/	16.50
		135	0	/	14.53	/	15.50
		135	69	/	15.31	/	16.50
		135	138	/	14.74	/	15.50



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		270	0	/	14.63	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.13	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.89	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.25	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.13	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.36	15.61	15.54	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.45	15.41	15.47	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.48	15.42	15.47	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.68	15.55	15.30	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.59	15.37	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.32	15.53	15.65	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.37	15.48	15.56	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.44	15.67	15.62	16.50
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	15.32	15.45	15.73	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.57	15.45	15.63	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.56	15.78	15.43	16.50

N78 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.83	/	19.50
		1	137	/	18.44	/	19.50
		1	271	/	18.38	/	19.50
		135	0	/	18.08	/	19.00
		135	69	/	18.62	/	19.50
		135	138	/	17.77	/	19.00
		270	0	/	18.04	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.81	/	19.50
		1	137	/	18.50	/	19.50
		1	271	/	18.34	/	19.50
		135	0	/	17.80	/	18.50
		135	69	/	18.62	/	19.50
		135	138	/	17.38	/	18.50
		270	0	/	17.54	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.57	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.10	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	14.23	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.43	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.69	18.78	18.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	



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80MHz	DFT-s-OFDM QPSK	1	1	18.65	18.71	18.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	18.79	18.79	18.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.63	18.86	18.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.72	18.87	18.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.64	18.68	18.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.63	18.74	18.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	18.68	18.84	18.84	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.72	18.81	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	18.75	18.72	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.60	18.86	18.89	19.50



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N78 ECI 2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.41	/	23.00
		1	137	/	22.08	/	23.00
		1	271	/	22.03	/	23.00
		135	0	/	21.63	/	22.50
		135	69	/	22.19	/	23.00
		135	138	/	21.37	/	22.50
		270	0	/	21.64	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.44	/	23.00
		1	137	/	22.06	/	23.00
		1	271	/	21.97	/	23.00
		135	0	/	21.45	/	22.00
		135	69	/	22.25	/	23.00
		135	138	/	20.95	/	22.00
		270	0	/	21.18	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.19	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.73	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.88	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.02	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	22.29	22.39	22.49	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	22.26	22.27	22.50	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	22.37	22.41	22.58	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	22.20	22.41	22.55	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	22.33	22.47	22.45	23.00



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Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.19	22.27	22.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.28	22.38	22.35	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 647501	Channel 650000	Channel 652501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.25	22.40	22.48	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.34	22.37	22.53	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.33	22.30	22.52	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.17	22.46	22.49	23.00

N78 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	10.43	/	11.00
		1	137	/	10.02	/	11.00
		1	271	/	10.03	/	11.00
		135	0	/	9.64	/	10.50
		135	69	/	10.26	/	11.00
		135	138	/	9.38	/	10.50
		270	0	/	9.62	/	10.50
	DFT-s-OFDM QPSK	1	1	/	10.42	/	11.00
		1	137	/	10.13	/	11.00
		1	271	/	9.89	/	11.00
		135	0	/	9.40	/	10.00
		135	69	/	10.25	/	11.00
		135	138	/	9.03	/	10.00
		270	0	/	9.18	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	9.21	/	10.00
DFT-s-OFDM 64QAM	1	1	/	7.68	/	8.50	



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	DFT-s-OFDM 256QAM	1	1	/	5.80	/	6.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	9.02	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	10.30	10.40	10.48	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	10.29	10.31	10.55	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	10.40	10.44	10.54	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	10.27	10.45	10.53	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	10.35	10.43	10.37	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	10.23	10.23	10.51	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	10.26	10.30	10.39	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	10.25	10.47	10.44	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	10.33	10.39	10.49	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	



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15MHz	DFT-s-OFDM QPSK	1	1	10.33	10.32	10.54	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	10.22	10.41	10.52	11.00

N78 ECI 7				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	8.94	/	9.50
		1	137	/	8.52	/	9.50
		1	271	/	8.45	/	9.50
		135	0	/	8.19	/	9.00
		135	69	/	8.68	/	9.50
		135	138	/	7.89	/	9.00
		270	0	/	8.11	/	9.00
	DFT-s-OFDM QPSK	1	1	/	8.90	/	9.50
		1	137	/	8.56	/	9.50
		1	271	/	8.49	/	9.50
		135	0	/	7.85	/	8.50
		135	69	/	8.69	/	9.50
		135	138	/	7.46	/	8.50
		270	0	/	7.62	/	8.50
	DFT-s-OFDM 16QAM	1	1	/	7.63	/	8.50
	DFT-s-OFDM 64QAM	1	1	/	6.18	/	7.00
	DFT-s-OFDM 256QAM	1	1	/	4.38	/	5.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	7.57	/	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	8.74	8.89	8.99	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	8.78	8.84	9.06	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



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70MHz	DFT-s-OFDM QPSK	1	1	8.88	8.94	9.09	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	8.68	8.99	9.07	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	8.83	9.01	8.91	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	8.69	8.77	9.05	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	8.74	8.81	8.95	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	8.78	8.91	8.95	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	8.82	8.88	8.98	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	8.90	8.86	9.00	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	8.71	8.96	9.01	9.50

N78 ECI 6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.92	/	16.50
		1	137	/	15.36	/	16.50
		1	271	/	15.65	/	16.50
		135	0	/	15.23	/	16.00
		135	69	/	15.65	/	16.50



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		135	138	/	14.79	/	16.00
		270	0	/	14.96	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.93	/	16.50
		1	137	/	15.50	/	16.50
		1	271	/	15.63	/	16.50
		135	0	/	14.87	/	15.50
		135	69	/	15.73	/	16.50
		135	138	/	14.41	/	15.50
		270	0	/	14.56	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.46	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.08	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	11.25	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.55	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.70	15.99	16.16	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.69	15.87	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.01	16.06	16.20	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.58	15.92	16.01	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.87	16.13	15.74	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.59	15.66	15.90	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	



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30MHz	DFT-s-OFDM QPSK	1	1	15.57	15.95	15.94	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.98	16.00	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.91	15.69	15.84	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	15.85	15.80	15.80	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	15.78	16.04	16.03	16.50



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12 Conducted Power of WIFI and Bluetooth

12.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 6 Sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.94	24.00
	6	2437		22.85	24.00
	11	2462		22.81	24.00
802.11g	1	2412	6	19.32	20.50
	6	2437		21.09	22.00
	11	2462		19.46	20.50
802.11n HT20	1	2412	6.5	19.21	20.00
	6	2437		20.85	21.50
	11	2462		18.74	19.50
802.11n HT40	3	2422	13.5	19.10	20.00
	6	2437		20.88	22.00
	8	2447		18.88	19.50
	9	2452		15.93	17.00
802.11ax HE20	1	2412	MCS0	19.47	20.50
	6	2437		20.91	22.00
	11	2462		18.79	19.50
802.11ax HE40	3	2422	MCS0	19.13	20.00
	6	2437		21.03	22.00
	8	2447		18.98	20.00
	9	2452		15.94	17.00

WIFI 2.4G Ant 3 Sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.78	24.00
	6	2437		22.69	24.00
	11	2462		22.74	24.00
802.11g	1	2412	6	19.21	20.50
	6	2437		21.32	22.00
	11	2462		19.21	20.50
802.11n HT20	1	2412	6.5	19.51	20.00
	6	2437		20.80	21.50
	11	2462		18.67	19.50
802.11n HT40	3	2422	13.5	19.21	20.00
	6	2437		21.21	22.00



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	8	2447		18.75	19.50
	9	2452		15.74	17.00
802.11ax HE20	1	2412	MCS0	19.53	20.50
	6	2437		20.85	22.00
	11	2462		18.74	19.50
802.11ax HE40	3	2422	MCS0	19.26	20.00
	6	2437		21.32	22.00
	8	2447		18.65	20.00
	9	2452		15.88	17.00

WIFI 2.4G MIMO Sensor off							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.94	22.78	25.87	27.00
	6	2437		22.85	22.69	25.78	27.00
	11	2462		22.81	22.74	25.79	27.00
802.11g	1	2412	6	19.32	19.21	22.28	23.50
	6	2437		21.09	21.32	24.22	25.00
	11	2462		19.46	19.21	22.35	23.50
802.11n HT20	1	2412	6.5	19.21	19.51	22.37	23.00
	6	2437		20.85	20.80	23.84	24.50
	11	2462		18.74	18.67	21.72	22.50
802.11n HT40	3	2422	13.5	19.10	19.21	22.17	23.00
	6	2437		20.88	21.21	24.06	25.00
	8	2447		18.88	18.75	21.83	22.50
	9	2452		15.93	15.74	18.85	20.00
802.11ax HE20	1	2412	MCS0	19.47	19.53	22.51	23.50
	6	2437		20.91	20.85	23.89	25.00
	11	2462		18.79	18.74	21.78	22.50
802.11ax HE40	3	2422	MCS0	19.13	19.26	22.21	23.00
	6	2437		21.03	21.32	24.19	25.00
	8	2447		18.98	18.65	21.83	23.00
	9	2452		15.94	15.88	18.92	20.00

WIFI 2.4G Ant 6 Head					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.05	21.00
	6	2437		20.05	21.00
	11	2462		19.81	21.00



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802.11g	1	2412	6	16.48	17.50
	6	2437		18.29	19.00
	11	2462		16.67	17.50
802.11n HT20	1	2412	6.5	16.32	17.00
	6	2437		18.08	18.50
	11	2462		15.94	16.50
802.11n HT40	3	2422	13.5	16.30	17.00
	6	2437		18.12	19.00
	8	2447		16.03	16.50
	9	2452		12.94	14.00
802.11ax HE20	1	2412	MCS0	16.65	17.50
	6	2437		18.12	19.00
	11	2462		15.87	16.50
802.11ax HE40	3	2422	MCS0	16.34	17.00
	6	2437		18.19	19.00
	8	2447		16.02	17.00
	9	2452		13.17	14.00

WIFI 2.4G Ant 3 Head					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.96	21.00
	6	2437		19.82	21.00
	11	2462		19.98	21.00
802.11g	1	2412	6	16.43	17.50
	6	2437		18.34	19.00
	11	2462		16.35	17.50
802.11n HT20	1	2412	6.5	16.58	17.00
	6	2437		17.90	18.50
	11	2462		15.76	16.50
802.11n HT40	3	2422	13.5	16.45	17.00
	6	2437		18.37	19.00
	8	2447		15.87	16.50
	9	2452		12.97	14.00
802.11ax HE20	1	2412	MCS0	16.62	17.50
	6	2437		17.97	19.00
	11	2462		15.82	16.50
802.11ax HE40	3	2422	MCS0	16.42	17.00
	6	2437		18.48	19.00
	8	2447		15.65	17.00
	9	2452		12.97	14.00



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WIFI 2.4G MIMO Head							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.05	19.96	23.02	24.00
	6	2437		20.05	19.82	22.95	24.00
	11	2462		19.81	19.98	22.91	24.00
802.11g	1	2412	6	16.48	16.43	19.47	20.50
	6	2437		18.29	18.34	21.33	22.00
	11	2462		16.67	16.35	19.52	20.50
802.11n HT20	1	2412	6.5	16.32	16.58	19.46	20.00
	6	2437		18.08	17.90	21.00	21.50
	11	2462		15.94	15.76	18.86	19.50
802.11n HT40	3	2422	13.5	16.30	16.45	19.39	20.00
	6	2437		18.12	18.37	21.26	22.00
	8	2447		16.03	15.87	18.96	19.50
	9	2452		12.94	12.97	15.97	17.00
802.11ax HE20	1	2412	MCS0	16.65	16.62	19.65	20.50
	6	2437		18.12	17.97	21.06	22.00
	11	2462		15.87	15.82	18.86	19.50
802.11ax HE40	3	2422	MCS0	16.34	16.42	19.39	20.00
	6	2437		18.19	18.48	21.35	22.00
	8	2447		16.02	15.65	18.85	20.00
	9	2452		13.17	12.97	16.08	17.00

WIFI 2.4G Ant 6 Body worn					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.11	20.00
	6	2437		18.87	20.00
	11	2462		18.96	20.00
802.11g	1	2412	6	15.35	16.50
	6	2437		17.22	18.00
	11	2462		15.51	16.50
802.11n HT20	1	2412	6.5	15.36	16.00
	6	2437		17.02	17.50
	11	2462		14.88	15.50
802.11n HT40	3	2422	13.5	15.17	16.00
	6	2437		16.99	18.00
	8	2447		14.93	15.50
	9	2452		11.94	13.00



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802.11ax HE20	1	2412	MCS0	15.61	16.50
	6	2437		17.01	18.00
	11	2462		14.93	15.50
802.11ax HE40	3	2422	MCS0	15.36	16.00
	6	2437		17.24	18.00
	8	2447		15.16	16.00
	9	2452		12.13	13.00

WIFI 2.4G Ant 3 Body worn					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.95	20.00
	6	2437		18.82	20.00
	11	2462		18.81	20.00
802.11g	1	2412	6	15.39	16.50
	6	2437		17.32	18.00
	11	2462		15.32	16.50
802.11n HT20	1	2412	6.5	15.68	16.00
	6	2437		16.89	17.50
	11	2462		14.76	15.50
802.11n HT40	3	2422	13.5	15.46	16.00
	6	2437		17.34	18.00
	8	2447		14.84	15.50
	9	2452		11.86	13.00
802.11ax HE20	1	2412	MCS0	15.56	16.50
	6	2437		17.05	18.00
	11	2462		14.99	15.50
802.11ax HE40	3	2422	MCS0	15.36	16.00
	6	2437		17.42	18.00
	8	2447		14.85	16.00
	9	2452		11.95	13.00

WIFI 2.4G MIMO Body worn							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.11	18.95	22.04	23.00
	6	2437		18.87	18.82	21.86	23.00
	11	2462		18.96	18.81	21.90	23.00
802.11g	1	2412	6	15.35	15.39	18.38	19.50
	6	2437		17.22	17.32	20.28	21.00



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	11	2462		15.51	15.32	18.43	19.50
802.11n HT20	1	2412	6.5	15.36	15.68	18.53	19.00
	6	2437		17.02	16.89	19.97	20.50
	11	2462		14.88	14.76	17.83	18.50
802.11n HT40	3	2422	13.5	15.17	15.46	18.33	19.00
	6	2437		16.99	17.34	20.18	21.00
	8	2447		14.93	14.84	17.90	18.50
	9	2452		11.94	11.86	14.91	16.00
802.11ax HE20	1	2412	MCS0	15.61	15.56	18.60	19.50
	6	2437		17.01	17.05	20.04	21.00
	11	2462		14.93	14.99	17.97	18.50
802.11ax HE40	3	2422	MCS0	15.36	15.36	18.37	19.00
	6	2437		17.24	17.42	20.34	21.00
	8	2447		15.16	14.85	18.02	19.00
	9	2452		12.13	11.95	15.05	16.00

WIFI 2.4G Ant 6 Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.51	15.50
	6	2437		14.59	15.50
	11	2462		14.53	15.50
802.11g	1	2412	6	11.00	12.00
	6	2437		12.82	13.50
	11	2462		11.16	12.00
802.11n HT20	1	2412	6.5	10.84	11.50
	6	2437		12.51	13.00
	11	2462		10.49	11.00
802.11n HT40	3	2422	13.5	10.73	11.50
	6	2437		12.51	13.50
	8	2447		10.43	11.00
	9	2452		7.50	8.50
802.11ax HE20	1	2412	MCS0	11.11	12.00
	6	2437		12.53	13.50
	11	2462		10.49	11.00
802.11ax HE40	3	2422	MCS0	10.63	11.50
	6	2437		12.60	13.50
	8	2447		10.52	11.50
	9	2452		7.67	8.50



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WIFI 2.4G Ant 3 Hotspot					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.24	15.50
	6	2437		14.32	15.50
	11	2462		14.31	15.50
802.11g	1	2412	6	10.71	12.00
	6	2437		12.93	13.50
	11	2462		10.91	12.00
802.11n HT20	1	2412	6.5	11.08	11.50
	6	2437		12.44	13.00
	11	2462		10.18	11.00
802.11n HT40	3	2422	13.5	10.93	11.50
	6	2437		12.95	13.50
	8	2447		10.25	11.00
	9	2452		7.31	8.50
802.11ax HE20	1	2412	MCS0	11.24	12.00
	6	2437		12.40	13.50
	11	2462		10.25	11.00
802.11ax HE40	3	2422	MCS0	10.76	11.50
	6	2437		12.84	13.50
	8	2447		10.30	11.50
	9	2452		7.54	8.50

WIFI 2.4G MIMO Hotspot							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.51	14.24	17.39	18.50
	6	2437		14.59	14.32	17.47	18.50
	11	2462		14.53	14.31	17.43	18.50
802.11g	1	2412	6	11.00	10.71	13.87	15.00
	6	2437		12.82	12.93	15.89	16.50
	11	2462		11.16	10.91	14.05	15.00
802.11n HT20	1	2412	6.5	10.84	11.08	13.97	14.50
	6	2437		12.51	12.44	15.49	16.00
	11	2462		10.49	10.18	13.35	14.00
802.11n HT40	3	2422	13.5	10.73	10.93	13.84	14.50
	6	2437		12.51	12.95	15.75	16.50
	8	2447		10.43	10.25	13.35	14.00
	9	2452		7.50	7.31	10.42	11.50
	1	2412	MCS0	11.11	11.24	14.19	15.00



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802.11ax HE20	6	2437		12.53	12.40	15.48	16.50
	11	2462		10.49	10.25	13.38	14.00
802.11ax HE40	3	2422	MCS0	10.63	10.76	13.71	14.50
	6	2437		12.60	12.84	15.73	16.50
	8	2447		10.52	10.30	13.42	14.50
	9	2452		7.67	7.54	10.62	11.50

WIFI 2.4G Ant 6 Product specific 0mm					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.86	23.00
	6	2437		21.83	23.00
	11	2462		21.76	23.00
802.11g	1	2412	6	18.29	19.50
	6	2437		20.12	21.00
	11	2462		18.47	19.50
802.11n HT20	1	2412	6.5	18.26	19.00
	6	2437		19.80	20.50
	11	2462		17.77	18.50
802.11n HT40	3	2422	13.5	18.17	19.00
	6	2437		19.87	21.00
	8	2447		17.94	18.50
	9	2452		14.93	16.00
802.11ax HE20	1	2412	MCS0	18.51	19.50
	6	2437		19.98	21.00
	11	2462		17.87	18.50
802.11ax HE40	3	2422	MCS0	18.15	19.00
	6	2437		20.07	21.00
	8	2447		17.97	19.00
	9	2452		14.87	16.00

WIFI 2.4G Ant 3 Product specific 0mm					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.84	23.00
	6	2437		21.69	23.00
	11	2462		21.71	23.00
802.11g	1	2412	6	18.18	19.50
	6	2437		20.35	21.00
	11	2462		18.15	19.50
	1	2412	6.5	18.52	19.00



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802.11n HT20	6	2437		19.77	20.50
	11	2462		17.63	18.50
802.11n HT40	3	2422	13.5	18.20	19.00
	6	2437		20.24	21.00
	8	2447		17.71	18.50
	9	2452		14.82	16.00
802.11ax HE20	1	2412	MCS0	18.60	19.50
	6	2437		19.83	21.00
	11	2462		17.73	18.50
802.11ax HE40	3	2422	MCS0	18.33	19.00
	6	2437		20.29	21.00
	8	2447		18.65	19.00
	9	2452		15.88	16.00

WIFI 2.4G MIMO Product specific 0mm							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.86	21.84	24.86	26.00
	6	2437		21.83	21.69	24.77	26.00
	11	2462		21.76	21.71	24.75	26.00
802.11g	1	2412	6	18.29	18.18	21.25	22.50
	6	2437		20.12	20.35	23.25	24.00
	11	2462		18.47	18.15	21.32	22.50
802.11n HT20	1	2412	6.5	18.26	18.52	21.40	22.00
	6	2437		19.80	19.77	22.80	23.50
	11	2462		17.77	17.63	20.71	21.50
802.11n HT40	3	2422	13.5	18.17	18.20	21.20	22.00
	6	2437		19.87	20.24	23.07	24.00
	8	2447		17.94	17.71	20.84	21.50
	9	2452		14.93	14.82	17.89	19.00
802.11ax HE20	1	2412	MCS0	18.51	18.60	21.57	22.50
	6	2437		19.98	19.83	22.92	24.00
	11	2462		17.87	17.73	20.81	21.50
802.11ax HE40	3	2422	MCS0	18.15	18.33	21.25	22.00
	6	2437		20.07	20.29	23.19	24.00
	8	2447		17.97	18.65	21.33	22.00
	9	2452		14.87	15.88	18.41	19.00



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WIFI 2.4G Ant 6 Head Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.42	16.50
	6	2437		15.31	16.50
	11	2462		15.26	16.50
802.11g	1	2412	6	11.80	13.00
	6	2437		13.62	14.50
	11	2462		11.95	13.00
802.11n HT20	1	2412	6.5	11.75	12.50
	6	2437		13.39	14.00
	11	2462		11.25	12.00
802.11n HT40	3	2422	13.5	11.61	12.50
	6	2437		13.36	14.50
	8	2447		11.38	12.00
	9	2452		8.42	9.50
802.11ax HE20	1	2412	MCS0	11.96	13.00
	6	2437		13.45	14.50
	11	2462		11.27	12.00
802.11ax HE40	3	2422	MCS0	11.58	12.50
	6	2437		13.48	14.50
	8	2447		11.50	12.50
	9	2452		8.43	9.50

WIFI 2.4G Ant 3 Head Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.27	16.50
	6	2437		15.18	16.50
	11	2462		15.23	16.50
802.11g	1	2412	6	11.71	13.00
	6	2437		13.77	14.50
	11	2462		11.66	13.00
802.11n HT20	1	2412	6.5	11.96	12.50
	6	2437		13.29	14.00
	11	2462		11.16	12.00
802.11n HT40	3	2422	13.5	11.70	12.50
	6	2437		13.74	14.50
	8	2447		11.29	12.00
	9	2452		8.24	9.50



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802.11ax HE20	1	2412	MCS0	12.07	13.00
	6	2437		13.36	14.50
	11	2462		11.25	12.00
802.11ax HE40	3	2422	MCS0	11.78	12.50
	6	2437		13.84	14.50
	8	2447		11.20	12.50
	9	2452		8.38	9.50

WIFI 2.4G MIMO Head Non-DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.42	15.27	18.36	19.50
	6	2437		15.31	15.18	18.26	19.50
	11	2462		15.26	15.23	18.26	19.50
802.11g	1	2412	6	11.80	11.71	14.77	16.00
	6	2437		13.62	13.77	16.71	17.50
	11	2462		11.95	11.66	14.82	16.00
802.11n HT20	1	2412	6.5	11.75	11.96	14.87	15.50
	6	2437		13.39	13.29	16.35	17.00
	11	2462		11.25	11.16	14.22	15.00
802.11n HT40	3	2422	13.5	11.61	11.70	14.67	15.50
	6	2437		13.36	13.74	16.56	17.50
	8	2447		11.38	11.29	14.35	15.00
	9	2452		8.42	8.24	11.34	12.50
802.11ax HE20	1	2412	MCS0	11.96	12.07	15.03	16.00
	6	2437		13.45	13.36	16.42	17.50
	11	2462		11.27	11.25	14.27	15.00
802.11ax HE40	3	2422	MCS0	11.58	11.78	14.69	15.50
	6	2437		13.48	13.84	16.67	17.50
	8	2447		11.50	11.20	14.36	15.50
	9	2452		8.43	8.38	11.42	12.50

WIFI 2.4G Ant 6 Head DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.47	13.50
	6	2437		12.35	13.50
	11	2462		12.27	13.50
802.11g	1	2412	6	8.81	10.00
	6	2437		10.63	11.50



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	11	2462		8.92	10.00
802.11n HT20	1	2412	6.5	8.80	9.50
	6	2437		10.34	11.00
	11	2462		8.25	9.00
802.11n HT40	3	2422	13.5	8.62	9.50
	6	2437		10.38	11.50
	8	2447		8.33	9.00
	9	2452		5.45	6.50
802.11ax HE20	1	2412	MCS0	8.97	10.00
	6	2437		10.50	11.50
	11	2462		8.22	9.00
802.11ax HE40	3	2422	MCS0	8.62	9.50
	6	2437		10.52	11.50
	8	2447		8.50	9.50
	9	2452		5.38	6.50

WIFI 2.4G Ant 3 Head DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.25	13.50
	6	2437		12.22	13.50
	11	2462		12.23	13.50
802.11g	1	2412	6	8.74	10.00
	6	2437		10.82	11.50
	11	2462		8.69	10.00
802.11n HT20	1	2412	6.5	9.01	9.50
	6	2437		10.25	11.00
	11	2462		8.18	9.00
802.11n HT40	3	2422	13.5	8.70	9.50
	6	2437		10.75	11.50
	8	2447		8.24	9.00
	9	2452		5.25	6.50
802.11ax HE20	1	2412	MCS0	9.06	10.00
	6	2437		10.40	11.50
	11	2462		8.25	9.00
802.11ax HE40	3	2422	MCS0	8.81	9.50
	6	2437		10.80	11.50
	8	2447		8.23	9.50
	9	2452		5.34	6.50



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WIFI 2.4G MIMO Head DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.47	12.25	15.37	16.50
	6	2437		12.35	12.22	15.30	16.50
	11	2462		12.27	12.23	15.26	16.50
802.11g	1	2412	6	8.81	8.74	11.79	13.00
	6	2437		10.63	10.82	13.74	14.50
	11	2462		8.92	8.69	11.82	13.00
802.11n HT20	1	2412	6.5	8.80	9.01	11.92	12.50
	6	2437		10.34	10.25	13.31	14.00
	11	2462		8.25	8.18	11.23	12.00
802.11n HT40	3	2422	13.5	8.62	8.70	11.67	12.50
	6	2437		10.38	10.75	13.58	14.50
	8	2447		8.33	8.24	11.30	12.00
	9	2452		5.45	5.25	8.36	9.50
802.11ax HE20	1	2412	MCS0	8.97	9.06	12.03	13.00
	6	2437		10.50	10.40	13.46	14.50
	11	2462		8.22	8.25	11.25	12.00
802.11ax HE40	3	2422	MCS0	8.62	8.81	11.73	12.50
	6	2437		10.52	10.80	13.67	14.50
	8	2447		8.50	8.23	11.38	12.50
	9	2452		5.38	5.34	8.37	9.50

WIFI 2.4G Ant 6 Body worn Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.98	14.00
	6	2437		12.90	14.00
	11	2462		12.81	14.00
802.11g	1	2412	6	9.27	10.50
	6	2437		11.11	12.00
	11	2462		9.45	10.50
802.11n HT20	1	2412	6.5	9.24	10.00
	6	2437		10.90	11.50
	11	2462		8.74	9.50
802.11n HT40	3	2422	13.5	9.12	10.00
	6	2437		10.86	12.00
	8	2447		8.84	9.50
	9	2452		5.88	7.00
	1	2412	MCS0	9.46	10.50



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802.11ax HE20	6	2437		10.93	12.00
	11	2462		8.82	9.50
802.11ax HE40	3	2422	MCS0	9.14	10.00
	6	2437		10.99	12.00
	8	2447		8.98	10.00
	9	2452		5.97	7.00

WIFI 2.4G Ant 3 Body worn Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.76	14.00
	6	2437		12.74	14.00
	11	2462		12.78	14.00
802.11g	1	2412	6	9.19	10.50
	6	2437		11.37	12.00
	11	2462		9.24	10.50
802.11n HT20	1	2412	6.5	9.49	10.00
	6	2437		10.81	11.50
	11	2462		8.71	9.50
802.11n HT40	3	2422	13.5	9.16	10.00
	6	2437		11.18	12.00
	8	2447		8.74	9.50
	9	2452		5.69	7.00
802.11ax HE20	1	2412	MCS0	9.48	10.50
	6	2437		10.87	12.00
	11	2462		8.73	9.50
802.11ax HE40	3	2422	MCS0	9.24	10.00
	6	2437		11.31	12.00
	8	2447		8.70	10.00
	9	2452		5.90	7.00

WIFI 2.4G MIMO Body worn Non-DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.98	12.76	15.88	17.00
	6	2437		12.90	12.74	15.83	17.00
	11	2462		12.81	12.78	15.81	17.00
802.11g	1	2412	6	9.27	9.19	12.24	13.50
	6	2437		11.11	11.37	14.25	15.00
	11	2462		9.45	9.24	12.36	13.50



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802.11n HT20	1	2412	6.5	9.24	9.49	12.38	13.00
	6	2437		10.90	10.81	13.87	14.50
	11	2462		8.74	8.71	11.74	12.50
802.11n HT40	3	2422	13.5	9.12	9.16	12.15	13.00
	6	2437		10.86	11.18	14.03	15.00
	8	2447		8.84	8.74	11.80	12.50
	9	2452		5.88	5.69	8.80	10.00
802.11ax HE20	1	2412	MCS0	9.46	9.48	12.48	13.50
	6	2437		10.93	10.87	13.91	15.00
	11	2462		8.82	8.73	11.79	12.50
802.11ax HE40	3	2422	MCS0	9.14	9.24	12.20	13.00
	6	2437		10.99	11.31	14.16	15.00
	8	2447		8.98	8.70	11.85	13.00
	9	2452		5.97	5.90	8.95	10.00

WIFI 2.4G Ant 6 Body worn DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.53	11.50
	6	2437		10.40	11.50
	11	2462		10.34	11.50
802.11g	1	2412	6	6.80	8.00
	6	2437		8.58	9.50
	11	2462		6.99	8.00
802.11n HT20	1	2412	6.5	6.70	7.50
	6	2437		8.41	9.00
	11	2462		6.29	7.00
802.11n HT40	3	2422	13.5	6.67	7.50
	6	2437		8.34	9.50
	8	2447		6.33	7.00
	9	2452		3.39	4.50
802.11ax HE20	1	2412	MCS0	6.92	8.00
	6	2437		8.44	9.50
	11	2462		6.37	7.00
802.11ax HE40	3	2422	MCS0	6.60	7.50
	6	2437		8.54	9.50
	8	2447		6.50	7.50
	9	2452		3.51	4.50

WIFI 2.4G Ant 3 Body worn DBS					
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Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.30	11.50
	6	2437		10.26	11.50
	11	2462		10.27	11.50
802.11g	1	2412	6	6.67	8.00
	6	2437		8.90	9.50
	11	2462		6.75	8.00
802.11n HT20	1	2412	6.5	6.96	7.50
	6	2437		8.30	9.00
	11	2462		6.23	7.00
802.11n HT40	3	2422	13.5	6.61	7.50
	6	2437		8.71	9.50
	8	2447		6.29	7.00
	9	2452		3.21	4.50
802.11ax HE20	1	2412	MCS0	6.94	8.00
	6	2437		8.37	9.50
	11	2462		6.18	7.00
802.11ax HE40	3	2422	MCS0	6.75	7.50
	6	2437		8.79	9.50
	8	2447		6.25	7.50
	9	2452		3.37	4.50

WIFI 2.4G MIMO Body worn DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.53	10.30	13.43	14.50
	6	2437		10.40	10.26	13.34	14.50
	11	2462		10.34	10.27	13.32	14.50
802.11g	1	2412	6	6.80	6.67	9.75	11.00
	6	2437		8.58	8.90	11.75	12.50
	11	2462		6.99	6.75	9.88	11.00
802.11n HT20	1	2412	6.5	6.70	6.96	9.84	10.50
	6	2437		8.41	8.30	11.37	12.00
	11	2462		6.29	6.23	9.27	10.00
802.11n HT40	3	2422	13.5	6.67	6.61	9.65	10.50
	6	2437		8.34	8.71	11.54	12.50
	8	2447		6.33	6.29	9.32	10.00
	9	2452		3.39	3.21	6.31	7.50
802.11ax HE20	1	2412	MCS0	6.92	6.94	9.94	11.00
	6	2437		8.44	8.37	11.42	12.50



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	11	2462		6.37	6.18	9.29	10.00
802.11ax HE40	3	2422	MCS0	6.60	6.75	9.69	10.50
	6	2437		8.54	8.79	11.68	12.50
	8	2447		6.50	6.25	9.39	10.50
	9	2452		3.51	3.37	6.45	7.50

WIFI 2.4G Ant 6 Sensor off DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.99	21.00
	6	2437		19.89	21.00
	11	2462		19.79	21.00
802.11g	1	2412	6	16.35	17.50
	6	2437		18.14	19.00
	11	2462		16.49	17.50
802.11n HT20	1	2412	6.5	16.25	17.00
	6	2437		17.89	18.50
	11	2462		15.77	16.50
802.11n HT40	3	2422	13.5	16.12	17.00
	6	2437		17.93	19.00
	8	2447		15.84	16.50
	9	2452		12.98	14.00
802.11ax HE20	1	2412	MCS0	16.50	17.50
	6	2437		17.96	19.00
	11	2462		15.80	16.50
802.11ax HE40	3	2422	MCS0	16.17	17.00
	6	2437		17.99	19.00
	8	2447		15.93	17.00
	9	2452		12.90	14.00

WIFI 2.4G Ant 3 Sensor off DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.82	21.00
	6	2437		19.64	21.00
	11	2462		19.78	21.00
802.11g	1	2412	6	16.22	17.50
	6	2437		18.35	19.00
	11	2462		16.16	17.50
802.11n HT20	1	2412	6.5	16.53	17.00
	6	2437		17.80	18.50



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	11	2462		15.66	16.50
802.11n HT40	3	2422	13.5	16.25	17.00
	6	2437		18.20	19.00
	8	2447		15.77	16.50
	9	2452		12.79	14.00
802.11ax HE20	1	2412	MCS0	16.50	17.50
	6	2437		17.88	19.00
	11	2462		15.70	16.50
802.11ax HE40	3	2422	MCS0	16.21	17.00
	6	2437		18.33	19.00
	8	2447		15.68	17.00
	9	2452		12.83	14.00

WIFI 2.4G MIMO Sensor off DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.99	19.82	22.92	24.00
	6	2437		19.89	19.64	22.78	24.00
	11	2462		19.79	19.78	22.80	24.00
802.11g	1	2412	6	16.35	16.22	19.30	20.50
	6	2437		18.14	18.35	21.26	22.00
	11	2462		16.49	16.16	19.34	20.50
802.11n HT20	1	2412	6.5	16.25	16.53	19.40	20.00
	6	2437		17.89	17.80	20.86	21.50
	11	2462		15.77	15.66	18.73	19.50
802.11n HT40	3	2422	13.5	16.12	16.25	19.20	20.00
	6	2437		17.93	18.20	21.08	22.00
	8	2447		15.84	15.77	18.82	19.50
	9	2452		12.98	12.79	15.90	17.00
802.11ax HE20	1	2412	MCS0	16.50	16.50	19.51	20.50
	6	2437		17.96	17.88	20.93	22.00
	11	2462		15.80	15.70	18.76	19.50
802.11ax HE40	3	2422	MCS0	16.17	16.21	19.20	20.00
	6	2437		17.99	18.33	21.17	22.00
	8	2447		15.93	15.68	18.82	20.00
	9	2452		12.90	12.83	15.88	17.00



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WIFI 2.4G Ant 6 Hotspot DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.55	12.50
	6	2437		11.43	12.50
	11	2462		11.31	12.50
802.11g	1	2412	6	7.83	9.00
	6	2437		9.57	10.50
	11	2462		8.02	9.00
802.11n HT20	1	2412	6.5	7.74	8.50
	6	2437		9.43	10.00
	11	2462		7.30	8.00
802.11n HT40	3	2422	13.5	7.63	8.50
	6	2437		9.33	10.50
	8	2447		7.32	8.00
	9	2452		4.41	5.50
802.11ax HE20	1	2412	MCS0	7.89	9.00
	6	2437		9.43	10.50
	11	2462		7.42	8.00
802.11ax HE40	3	2422	MCS0	7.58	8.50
	6	2437		9.51	10.50
	8	2447		7.46	8.50
	9	2452		4.47	5.50

WIFI 2.4G Ant 3 Hotspot DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.29	12.50
	6	2437		11.24	12.50
	11	2462		11.22	12.50
802.11g	1	2412	6	7.70	9.00
	6	2437		9.95	10.50
	11	2462		7.77	9.00
802.11n HT20	1	2412	6.5	8.01	8.50
	6	2437		9.33	10.00
	11	2462		7.21	8.00
802.11n HT40	3	2422	13.5	7.60	8.50
	6	2437		9.68	10.50
	8	2447		7.31	8.00
	9	2452		4.17	5.50



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802.11ax HE20	1	2412	MCS0	7.91	9.00
	6	2437		9.36	10.50
	11	2462		7.18	8.00
802.11ax HE40	3	2422	MCS0	7.78	8.50
	6	2437		9.79	10.50
	8	2447		7.21	8.50
	9	2452		4.36	5.50

WIFI 2.4G MIMO Hotspot DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.55	11.29	14.43	15.50
	6	2437		11.43	11.24	14.35	15.50
	11	2462		11.31	11.22	14.28	15.50
802.11g	1	2412	6	7.83	7.70	10.78	12.00
	6	2437		9.57	9.95	12.77	13.50
	11	2462		8.02	7.77	10.91	12.00
802.11n HT20	1	2412	6.5	7.74	8.01	10.89	11.50
	6	2437		9.43	9.33	12.39	13.00
	11	2462		7.30	7.21	10.27	11.00
802.11n HT40	3	2422	13.5	7.63	7.60	10.63	11.50
	6	2437		9.33	9.68	12.52	13.50
	8	2447		7.32	7.31	10.33	11.00
	9	2452		4.41	4.17	7.30	8.50
802.11ax HE20	1	2412	MCS0	7.89	7.91	10.91	12.00
	6	2437		9.43	9.36	12.41	13.50
	11	2462		7.42	7.18	10.31	11.00
802.11ax HE40	3	2422	MCS0	7.58	7.78	10.69	11.50
	6	2437		9.51	9.79	12.66	13.50
	8	2447		7.46	7.21	10.35	11.50
	9	2452		4.47	4.36	7.43	8.50

WIFI 2.4G Ant 6 Product specific Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.53	17.50
	6	2437		16.39	17.50
	11	2462		16.35	17.50
802.11g	1	2412	6	12.84	14.00
	6	2437		14.53	15.50



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	11	2462		13.01	14.00
802.11n HT20	1	2412	6.5	12.78	13.50
	6	2437		14.48	15.00
	11	2462		12.31	13.00
802.11n HT40	3	2422	13.5	12.68	13.50
	6	2437		14.36	15.50
	8	2447		12.35	13.00
	9	2452		9.43	10.50
802.11ax HE20	1	2412	MCS0	12.94	14.00
	6	2437		14.39	15.50
	11	2462		12.43	13.00
802.11ax HE40	3	2422	MCS0	12.60	13.50
	6	2437		14.53	15.50
	8	2447		12.45	13.50
	9	2452		9.51	10.50

WIFI 2.4G Ant 3 Product specific Non-DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.24	17.50
	6	2437		16.22	17.50
	11	2462		16.26	17.50
802.11g	1	2412	6	12.72	14.00
	6	2437		14.92	15.50
	11	2462		12.77	14.00
802.11n HT20	1	2412	6.5	13.01	13.50
	6	2437		14.30	15.00
	11	2462		12.21	13.00
802.11n HT40	3	2422	13.5	12.64	13.50
	6	2437		14.67	15.50
	8	2447		12.29	13.00
	9	2452		9.19	10.50
802.11ax HE20	1	2412	MCS0	12.90	14.00
	6	2437		14.40	15.50
	11	2462		12.23	13.00
802.11ax HE40	3	2422	MCS0	12.76	13.50
	6	2437		14.78	15.50
	8	2447		12.22	13.50
	9	2452		9.37	10.50



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WIFI 2.4G MIMO Product specific Non-DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.53	16.24	19.40	20.50
	6	2437		16.39	16.22	19.32	20.50
	11	2462		16.35	16.26	19.32	20.50
802.11g	1	2412	6	12.84	12.72	15.79	17.00
	6	2437		14.53	14.92	17.74	18.50
	11	2462		13.01	12.77	15.90	17.00
802.11n HT20	1	2412	6.5	12.78	13.01	15.91	16.50
	6	2437		14.48	14.30	17.40	18.00
	11	2462		12.31	12.21	15.27	16.00
802.11n HT40	3	2422	13.5	12.68	12.64	15.67	16.50
	6	2437		14.36	14.67	17.53	18.50
	8	2447		12.35	12.29	15.33	16.00
	9	2452		9.43	9.19	12.32	13.50
802.11ax HE20	1	2412	MCS0	12.94	12.90	15.93	17.00
	6	2437		14.39	14.40	17.41	18.50
	11	2462		12.43	12.23	15.34	16.00
802.11ax HE40	3	2422	MCS0	12.60	12.76	15.69	16.50
	6	2437		14.53	14.78	17.67	18.50
	8	2447		12.45	12.22	15.35	16.50
	9	2452		9.51	9.37	12.45	13.50

WIFI 2.4G Ant 6 Product specific DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.08	14.00
	6	2437		12.85	14.00
	11	2462		12.88	14.00
802.11g	1	2412	6	9.36	10.50
	6	2437		11.07	12.00
	11	2462		9.52	10.50
802.11n HT20	1	2412	6.5	9.33	10.00
	6	2437		10.97	11.50
	11	2462		8.81	9.50
802.11n HT40	3	2422	13.5	9.20	10.00
	6	2437		10.83	12.00
	8	2447		8.85	9.50
	9	2452		5.88	7.00
	1	2412	MCS0	9.43	10.50



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802.11ax HE20	6	2437		10.92	12.00
	11	2462		8.97	9.50
802.11ax HE40	3	2422	MCS0	9.07	10.00
	6	2437		11.07	12.00
	8	2447		8.91	10.00
	9	2452		5.96	7.00

WIFI 2.4G Ant 3 Product specific DBS					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.77	14.00
	6	2437		12.75	14.00
	11	2462		12.77	14.00
802.11g	1	2412	6	9.19	10.50
	6	2437		11.46	12.00
	11	2462		9.25	10.50
802.11n HT20	1	2412	6.5	9.49	10.00
	6	2437		10.76	11.50
	11	2462		8.74	9.50
802.11n HT40	3	2422	13.5	9.15	10.00
	6	2437		11.14	12.00
	8	2447		8.75	9.50
	9	2452		5.64	7.00
802.11ax HE20	1	2412	MCS0	9.43	10.50
	6	2437		10.88	12.00
	11	2462		8.71	9.50
802.11ax HE40	3	2422	MCS0	9.27	10.00
	6	2437		11.32	12.00
	8	2447		8.68	10.00
	9	2452		5.88	7.00

WIFI 2.4G MIMO Product specific DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.08	12.77	15.94	17.00
	6	2437		12.85	12.75	15.81	17.00
	11	2462		12.88	12.77	15.84	17.00
802.11g	1	2412	6	9.36	9.19	12.29	13.50
	6	2437		11.07	11.46	14.28	15.00
	11	2462		9.52	9.25	12.40	13.50



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802.11n HT20	1	2412	6.5	9.33	9.49	12.42	13.00
	6	2437		10.97	10.76	13.88	14.50
	11	2462		8.81	8.74	11.79	12.50
802.11n HT40	3	2422	13.5	9.20	9.15	12.19	13.00
	6	2437		10.83	11.14	14.00	15.00
	8	2447		8.85	8.75	11.81	12.50
	9	2452		5.88	5.64	8.77	10.00
802.11ax HE20	1	2412	MCS0	9.43	9.43	12.44	13.50
	6	2437		10.92	10.88	13.91	15.00
	11	2462		8.97	8.71	11.85	12.50
802.11ax HE40	3	2422	MCS0	9.07	9.27	12.18	13.00
	6	2437		11.07	11.32	14.21	15.00
	8	2447		8.91	8.68	11.81	13.00
	9	2452		5.96	5.88	8.93	10.00



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12.2 Conducted Power of 5G WIFI

WIFI 5G Ant 5 Sensor off&Product specific 0mm						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.44	17.50
		40	5200		16.33	17.50
		44	5220		16.52	17.50
		48	5240		16.94	17.50
	U-NII-2A	52	5260		17.02	18.50
		56	5280		17.14	18.50
		60	5300		17.23	18.50
		64	5320		17.16	18.50
	U-NII-2C	100	5500		17.31	18.50
		104	5520		17.69	18.50
		108	5540		17.88	18.50
		112	5560		18.03	18.50
		116	5580		18.10	18.50
		120	5600		18.16	18.50
		124	5620		17.88	18.50
		128	5640		17.84	18.50
		132	5660		17.88	18.50
		136	5680		17.56	18.50
		140	5700		17.32	18.50
		144	5720		17.48	18.50
	U-NII-3	149	5745		20.44	21.50
		153	5765		20.32	21.50
		157	5785		20.30	21.50
		161	5805		20.52	21.50
		165	5825		21.07	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.81	19.00
		40	5200		17.32	19.00
		44	5220		17.45	19.00
		48	5240		17.88	19.00
	U-NII-2A	52	5260		18.06	19.00
		56	5280		17.52	19.00
		60	5300		18.01	19.00
		64	5320		18.13	19.00
	U-NII-2C	100	5500		18.20	19.00
		104	5520		18.31	19.00



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		108	5540		18.43	19.00
		112	5560		18.45	19.00
		116	5580		18.50	19.00
		120	5600		18.40	19.00
		124	5620		18.23	19.00
		128	5640		18.18	19.00
		132	5660		18.12	19.00
		136	5680		18.03	19.00
		140	5700		17.88	19.00
		144	5720		18.10	19.00
	U-NII-3	149	5745		20.03	21.50
		153	5765		20.01	21.50
		157	5785		20.26	21.50
		161	5805		20.55	21.50
		165	5825		20.64	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.43	20.50
		46	5230		19.40	20.50
	U-NII-2A	54	5270		19.52	20.50
		62	5310		19.71	20.50
	U-NII-2C	102	5510		19.89	20.50
		110	5550		19.72	20.50
		118	5590		19.43	20.50
		126	5630		19.30	20.50
		134	5670		19.23	20.50
		142	5710		19.59	20.50
	U-NII-3	151	5755		20.32	21.00
		159	5795		20.32	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	17.80	19.00
		40	5200		17.34	19.00
		44	5220		17.43	19.00
		48	5240		17.80	19.00
	U-NII-2A	52	5260		18.03	19.00
		56	5280		17.50	19.00
		60	5300		18.00	19.00
		64	5320		18.03	19.00
	U-NII-2C	100	5500		18.19	19.00
		104	5520		18.32	19.00
		108	5540		18.46	19.00



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		112	5560		18.40	19.00
		116	5580		18.32	19.00
		120	5600		18.40	19.00
		124	5620		18.23	19.00
		128	5640		18.20	19.00
		132	5660		18.10	19.00
		136	5680		18.01	19.00
		140	5700		17.85	19.00
		144	5720		18.03	19.00
	U-NII-3	149	5745		19.53	20.50
		153	5765		19.43	20.50
		157	5785		19.32	20.50
		161	5805		19.61	20.50
		165	5825		19.63	20.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	19.40	20.50
		46	5230		19.41	20.50
	U-NII-2A	54	5270		19.49	20.50
		62	5310		19.69	20.50
	U-NII-2C	102	5510		19.91	20.50
		110	5550		19.70	20.50
		118	5590		19.35	20.50
		126	5630		19.30	20.50
		134	5670		19.24	20.50
		142	5710		19.58	20.50
	U-NII-3	151	5755		20.30	21.00
		159	5795		20.28	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	19.32	20.00
	U-NII-2A	58	5290		19.01	20.00
	U-NII-2C	106	5530		17.80	19.00
		122	5610		19.60	20.50
		138	5690		19.65	20.50
	U-NII-3	155	5775		20.32	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	16.50	17.50
	U-NII-2C	114	5570		16.23	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11ax HEW20	U-NII-1	36	5180	MCS0	17.85	19.00
		40	5200		17.36	19.00
		44	5220		17.58	19.00
		48	5240		17.98	19.00
	U-NII-2A	52	5260		18.08	19.00
		56	5280		17.53	19.00
		60	5300		18.06	19.00
		64	5320		18.19	19.00
	U-NII-2C	100	5500		18.28	19.00
		104	5520		18.32	19.00
		108	5540		18.45	19.00
		112	5560		18.51	19.00
		116	5580		18.59	19.00
		120	5600		18.43	19.00
		124	5620		18.26	19.00
		128	5640		18.21	19.00
		132	5660		18.22	19.00
		136	5680		18.06	19.00
		140	5700		17.83	19.00
		144	5720		18.11	19.00
	U-NII-3	149	5745		20.05	21.50
		153	5765		20.03	21.50
		157	5785		20.41	21.50
		161	5805		20.65	21.50
		165	5825		20.71	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	19.46	20.50
		46	5230		19.41	20.50
	U-NII-2A	54	5270		19.66	20.50
		62	5310		19.74	20.50
	U-NII-2C	102	5510		19.92	20.50
		110	5550		19.74	20.50
		118	5590		19.45	20.50
		126	5630		19.32	20.50
		134	5670		19.25	20.50
		142	5710		19.66	20.50
	U-NII-3	151	5755		20.54	21.00
		159	5795		20.60	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	42	5210	MCS0	19.41	20.00



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802.11ax HEW80	U-NII-2A	58	5290		19.02	20.00
	U-NII-2C	106	5530		17.84	19.00
		122	5610		19.62	20.50
		138	5690		19.66	20.50
	U-NII-3	155	5775		20.40	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	16.55	17.50
	U-NII-2C	114	5570		16.27	17.50

WIFI 5G Ant 4 Sensor off&Product specific 0mm						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.63	18.50
		40	5200		17.29	18.50
		44	5220		17.36	18.50
		48	5240		18.03	18.50
	U-NII-2A	52	5260		17.47	18.50
		56	5280		17.76	18.50
		60	5300		17.65	18.50
		64	5320		17.54	18.50
	U-NII-2C	100	5500		16.87	18.50
		104	5520		17.32	18.50
		108	5540		17.03	18.50
		112	5560		17.01	18.50
		116	5580		16.98	18.50
		120	5600		17.13	18.50
		124	5620		16.88	18.50
		128	5640		16.84	18.50
		132	5660		16.59	18.50
		136	5680		16.88	18.50
		140	5700		16.50	18.50
		144	5720		17.67	18.50
	U-NII-3	149	5745		20.94	21.50
		153	5765		20.88	21.50
		157	5785		21.10	21.50
		161	5805		20.69	21.50
		165	5825		21.18	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	18.69	19.00



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		40	5200		18.36	19.00
		44	5220		18.21	19.00
		48	5240		18.54	19.00
	U-NII-2A	52	5260		18.03	19.00
		56	5280		17.88	19.00
		60	5300		18.01	19.00
		64	5320		18.32	19.00
	U-NII-2C	100	5500		18.30	19.00
		104	5520		18.25	19.00
		108	5540		18.35	19.00
		112	5560		18.06	19.00
		116	5580		17.65	19.00
		120	5600		17.88	19.00
		124	5620		18.01	19.00
		128	5640		17.52	19.00
		132	5660		17.65	19.00
		136	5680		17.52	19.00
		140	5700		17.20	19.00
		144	5720		17.88	19.00
	U-NII-3	149	5745		20.61	21.50
		153	5765		20.64	21.50
		157	5785		20.74	21.50
		161	5805		20.79	21.50
		165	5825		20.88	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.65	20.50
		46	5230		19.65	20.50
	U-NII-2A	54	5270		19.23	20.50
		62	5310		19.45	20.50
	U-NII-2C	102	5510		19.65	20.50
		110	5550		19.63	20.50
		118	5590		18.85	20.50
		126	5630		18.74	20.50
		134	5670		18.88	20.50
		142	5710		19.01	20.50
	U-NII-3	151	5755		19.87	21.00
		159	5795		20.13	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	18.63	19.00
		40	5200		18.32	19.00



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		44	5220		18.20	19.00
		48	5240		18.51	19.00
	U-NII-2A	52	5260		18.01	19.00
		56	5280		17.85	19.00
		60	5300		18.00	19.00
		64	5320		18.30	19.00
	U-NII-2C	100	5500		18.25	19.00
		104	5520		18.26	19.00
		108	5540		18.37	19.00
		112	5560		18.04	19.00
		116	5580		17.63	19.00
		120	5600		17.95	19.00
		124	5620		18.01	19.00
		128	5640		17.52	19.00
		132	5660		17.60	19.00
		136	5680		17.58	19.00
		140	5700		17.18	19.00
		144	5720		17.65	19.00
	U-NII-3	149	5745		19.88	20.50
		153	5765		19.98	20.50
		157	5785		20.03	20.50
		161	5805		20.11	20.50
		165	5825		19.83	20.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	19.60	20.50
		46	5230		19.61	20.50
	U-NII-2A	54	5270		19.24	20.50
		62	5310		19.43	20.50
	U-NII-2C	102	5510		19.60	20.50
		110	5550		19.61	20.50
		118	5590		18.85	20.50
		126	5630		18.72	20.50
		134	5670		18.84	20.50
		142	5710		19.00	20.50
	U-NII-3	151	5755		19.85	21.00
		159	5795		20.00	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	19.01	20.00
	U-NII-2A	58	5290		18.61	20.00
	U-NII-2C	106	5530		18.53	19.00



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		122	5610		18.85	20.50
		138	5690		19.21	20.50
	U-NII-3	155	5775		19.32	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	17.16	17.50
	U-NII-2C	114	5570		16.59	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	18.70	19.00
		40	5200		18.38	19.00
		44	5220		18.26	19.00
		48	5240		18.55	19.00
	U-NII-2A	52	5260		18.06	19.00
		56	5280		17.94	19.00
		60	5300		18.10	19.00
		64	5320		18.36	19.00
	U-NII-2C	100	5500		18.32	19.00
		104	5520		18.30	19.00
		108	5540		18.41	19.00
		112	5560		18.06	19.00
		116	5580		17.72	19.00
		120	5600		17.98	19.00
		124	5620		18.03	19.00
		128	5640		17.56	19.00
		132	5660		17.64	19.00
		136	5680		17.59	19.00
		140	5700		17.21	19.00
		144	5720		18.07	19.00
	U-NII-3	149	5745		20.68	21.50
		153	5765		20.74	21.50
		157	5785		20.89	21.50
		161	5805		20.95	21.50
		165	5825		20.90	21.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	19.78	20.50
		46	5230		19.75	20.50
	U-NII-2A	54	5270		19.38	20.50
		62	5310		19.56	20.50
	U-NII-2C	102	5510		19.66	20.50
		110	5550		19.68	20.50



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		118	5590		18.88	20.50
		126	5630		18.74	20.50
		134	5670		18.69	20.50
		142	5710		19.02	20.50
	U-NII-3	151	5755		19.99	21.00
		159	5795		20.26	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	19.08	20.00
	U-NII-2A	58	5290		18.62	20.00
	U-NII-2C	106	5530		18.57	19.00
		122	5610		19.00	20.50
		138	5690		19.22	20.50
	U-NII-3	155	5775		19.49	21.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	17.27	17.50
	U-NII-2C	114	5570		16.73	17.50

WIFI 5G MIMO Sensor off&Product specific 0mm								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.44	17.63	20.09	21.00
		40	5200		16.33	17.29	19.85	21.00
		44	5220		16.52	17.36	19.97	21.00
		48	5240		16.94	18.03	20.53	21.00
	U-NII-2A	52	5260		17.02	17.47	20.26	21.50
		56	5280		17.14	17.76	20.47	21.50
		60	5300		17.23	17.65	20.46	21.50
		64	5320		17.16	17.54	20.36	21.50
	U-NII-2C	100	5500		17.31	16.87	20.11	21.50
		104	5520		17.69	17.32	20.52	21.50
		108	5540		17.88	17.03	20.49	21.50
		112	5560		18.03	17.01	20.56	21.50
		116	5580		18.10	16.98	20.59	21.50
		120	5600		18.16	17.13	20.69	21.50
		124	5620		17.88	16.88	20.42	21.50
		128	5640		17.84	16.84	20.38	21.50
		132	5660		17.88	16.59	20.29	21.50
		136	5680		17.56	16.88	20.24	21.50



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		140	5700		17.32	16.50	19.94	21.50
		144	5720		17.48	17.67	20.59	21.50
	U-NII-3	149	5745		20.44	20.94	23.71	24.50
		153	5765		20.32	20.88	23.62	24.50
		157	5785		20.30	21.10	23.73	24.50
		161	5805		20.52	20.69	23.62	24.50
		165	5825		21.07	21.18	24.14	24.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.81	18.69	21.28	22.00
		40	5200		17.32	18.36	20.88	22.00
		44	5220		17.45	18.21	20.86	22.00
		48	5240		17.88	18.54	21.23	22.00
	U-NII-2A	52	5260		18.06	18.03	21.06	22.00
		56	5280		17.52	17.88	20.71	22.00
		60	5300		18.01	18.01	21.02	22.00
		64	5320		18.13	18.32	21.24	22.00
	U-NII-2C	100	5500		18.20	18.30	21.26	22.00
		104	5520		18.31	18.25	21.29	22.00
		108	5540		18.43	18.35	21.40	22.00
		112	5560		18.45	18.06	21.27	22.00
		116	5580		18.50	17.65	21.11	22.00
		120	5600		18.40	17.88	21.16	22.00
		124	5620		18.23	18.01	21.13	22.00
		128	5640		18.18	17.52	20.87	22.00
		132	5660		18.12	17.65	20.90	22.00
		136	5680		18.03	17.52	20.79	22.00
		140	5700		17.88	17.20	20.56	22.00
		144	5720		18.10	17.88	21.00	22.00
	U-NII-3	149	5745		20.03	20.61	23.34	24.50
		153	5765		20.01	20.64	23.35	24.50
		157	5785		20.26	20.74	23.52	24.50
		161	5805		20.55	20.79	23.68	24.50
		165	5825		20.64	20.88	23.77	24.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.43	19.65	22.55	23.50
		46	5230		19.40	19.65	22.54	23.50
	U-NII-2A	54	5270		19.52	19.23	22.39	23.50
		62	5310		19.71	19.45	22.59	23.50
	U-NII-2C	102	5510		19.89	19.65	22.78	23.50



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		110	5550		19.72	19.63	22.69	23.50
		118	5590		19.43	18.85	22.16	23.50
		126	5630		19.30	18.74	22.04	23.50
		134	5670		19.23	18.88	22.07	23.50
		142	5710		19.59	19.01	22.32	23.50
	U-NII-3	151	5755		20.32	19.87	23.11	24.00
		159	5795		20.32	20.13	23.24	24.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	17.80	18.63	21.25	22.00
		40	5200		17.34	18.32	20.87	22.00
		44	5220		17.43	18.20	20.84	22.00
		48	5240		17.80	18.51	21.18	22.00
	U-NII-2A	52	5260		18.03	18.01	21.03	22.00
		56	5280		17.50	17.85	20.69	22.00
		60	5300		18.00	18.00	21.01	22.00
		64	5320		18.03	18.30	21.18	22.00
	U-NII-2C	100	5500		18.19	18.25	21.23	22.00
		104	5520		18.32	18.26	21.30	22.00
		108	5540		18.46	18.37	21.43	22.00
		112	5560		18.40	18.04	21.23	22.00
		116	5580		18.32	17.63	21.00	22.00
		120	5600		18.40	17.95	21.19	22.00
		124	5620		18.23	18.01	21.13	22.00
		128	5640		18.20	17.52	20.88	22.00
		132	5660		18.10	17.60	20.87	22.00
		136	5680		18.01	17.58	20.81	22.00
		140	5700		17.85	17.18	20.54	22.00
		144	5720		18.03	17.65	20.85	22.00
	U-NII-3	149	5745		19.53	19.88	22.72	23.50
		153	5765		19.43	19.98	22.72	23.50
		157	5785		19.32	20.03	22.70	23.50
		161	5805		19.61	20.11	22.88	23.50
		165	5825		19.63	19.83	22.74	23.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	19.40	19.60	22.51	23.50
		46	5230		19.41	19.61	22.52	23.50
	U-NII-2A	54	5270		19.49	19.24	22.38	23.50
		62	5310		19.69	19.43	22.57	23.50
	U-NII-2C	102	5510		19.91	19.60	22.77	23.50



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		110	5550		19.70	19.61	22.67	23.50
		118	5590		19.35	18.85	22.12	23.50
		126	5630		19.30	18.72	22.03	23.50
		134	5670		19.24	18.84	22.05	23.50
		142	5710		19.58	19.00	22.31	23.50
	U-NII-3	151	5755		20.30	19.85	23.09	24.00
		159	5795		20.28	20.00	23.15	24.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	19.32	19.01	22.18	23.00
	U-NII-2A	58	5290		19.01	18.61	21.82	23.00
	U-NII-2C	106	5530		17.80	18.53	21.19	22.00
		122	5610		19.60	18.85	22.25	23.50
		138	5690		19.65	19.21	22.45	23.50
	U-NII-3	155	5775		20.32	19.32	22.86	24.00
	Mode	5GHz	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	16.50	17.16	19.85	20.50
	U-NII-2C	114	5570		16.23	16.59	19.42	20.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	17.85	18.70	21.31	22.00
		40	5200		17.36	18.38	20.91	22.00
		44	5220		17.58	18.26	20.94	22.00
		48	5240		17.98	18.55	21.28	22.00
	U-NII-2A	52	5260		18.08	18.06	21.08	22.00
		56	5280		17.53	17.94	20.75	22.00
		60	5300		18.06	18.10	21.09	22.00
		64	5320		18.19	18.36	21.29	22.00
	U-NII-2C	100	5500		18.28	18.32	21.31	22.00
		104	5520		18.32	18.30	21.32	22.00
		108	5540		18.45	18.41	21.44	22.00
		112	5560		18.51	18.06	21.30	22.00
		116	5580		18.59	17.72	21.19	22.00
		120	5600		18.43	17.98	21.22	22.00
		124	5620		18.26	18.03	21.16	22.00
		128	5640		18.21	17.56	20.91	22.00
		132	5660		18.22	17.64	20.95	22.00
		136	5680		18.06	17.59	20.84	22.00
		140	5700		17.83	17.21	20.54	22.00
		144	5720		18.11	18.07	21.10	22.00



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		149	5745		20.05	20.68	23.39	24.50
		153	5765		20.03	20.74	23.41	24.50
	U-NII-3	157	5785		20.41	20.89	23.67	24.50
		161	5805		20.65	20.95	23.81	24.50
		165	5825		20.71	20.90	23.82	24.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	19.46	19.78	22.63	23.50
		46	5230		19.41	19.75	22.59	23.50
	U-NII-2A	54	5270		19.66	19.38	22.53	23.50
		62	5310		19.74	19.56	22.66	23.50
	U-NII-2C	102	5510		19.92	19.66	22.80	23.50
		110	5550		19.74	19.68	22.72	23.50
		118	5590		19.45	18.88	22.18	23.50
		126	5630		19.32	18.74	22.05	23.50
		134	5670		19.25	18.69	21.99	23.50
		142	5710		19.66	19.02	22.36	23.50
	U-NII-3	151	5755		20.54	19.99	23.28	24.00
		159	5795		20.60	20.26	23.44	24.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	19.41	19.08	22.26	23.00
	U-NII-2A	58	5290		19.02	18.62	21.83	23.00
	U-NII-2C	106	5530		17.84	18.57	21.23	22.00
		122	5610		19.62	19.00	22.33	23.50
		138	5690		19.66	19.22	22.46	23.50
	U-NII-3	155	5775		20.40	19.49	22.98	24.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	16.55	17.27	19.94	20.50
	U-NII-2C	114	5570		16.27	16.73	19.52	20.50

WIFI 5G Ant 5 Head						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	8.79	10.00
		40	5200		8.95	10.00
		44	5220		9.11	10.00
		48	5240		9.34	10.00
	U-NII-2A	52	5260		9.37	11.00



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		56	5280		9.81	11.00
		60	5300		9.79	11.00
		64	5320		9.60	11.00
	U-NII-2C	100	5500		11.32	12.50
		104	5520		11.79	12.50
		108	5540		11.73	12.50
		112	5560		12.05	12.50
		116	5580		12.18	12.50
		120	5600		12.24	12.50
		124	5620		12.00	12.50
		128	5640		11.80	12.50
		132	5660		11.84	12.50
		136	5680		11.43	12.50
		140	5700		11.35	12.50
		144	5720		11.43	12.50
	U-NII-3	149	5745		11.38	12.50
		153	5765		11.40	12.50
		157	5785		11.43	12.50
		161	5805		11.60	12.50
		165	5825		12.23	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.33	11.50
		40	5200		9.92	11.50
		44	5220		9.87	11.50
		48	5240		10.51	11.50
	U-NII-2A	52	5260		10.71	11.50
		56	5280		10.14	11.50
		60	5300		10.66	11.50
		64	5320		10.48	11.50
	U-NII-2C	100	5500		12.31	13.00
		104	5520		12.23	13.00
		108	5540		12.39	13.00
		112	5560		12.42	13.00
		116	5580		12.69	13.00
		120	5600		12.45	13.00
		124	5620		12.15	13.00
		128	5640		12.07	13.00
		132	5660		12.13	13.00
		136	5680		12.01	13.00
		140	5700		11.96	13.00
		144	5720		12.16	13.00



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		149	5745		10.90	12.50
		153	5765		11.08	12.50
	U-NII-3	157	5785		11.26	12.50
		161	5805		11.68	12.50
		165	5825		11.60	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.85	13.00
		46	5230		11.94	13.00
	U-NII-2A	54	5270		12.22	13.00
		62	5310		12.19	13.00
	U-NII-2C	102	5510		14.03	14.50
		110	5550		13.71	14.50
		118	5590		13.53	14.50
		126	5630		13.29	14.50
		134	5670		13.40	14.50
		142	5710		13.54	14.50
	U-NII-3	151	5755		11.23	12.00
		159	5795		11.35	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.41	11.50
		40	5200		10.04	11.50
		44	5220		10.03	11.50
		48	5240		10.26	11.50
	U-NII-2A	52	5260		11.69	12.50
		56	5280		10.98	12.50
		60	5300		11.54	12.50
		64	5320		11.59	12.50
	U-NII-2C	100	5500		12.18	13.00
		104	5520		12.24	13.00
		108	5540		12.66	13.00
		112	5560		12.54	13.00
		116	5580		12.38	13.00
		120	5600		12.26	13.00
		124	5620		12.27	13.00
		128	5640		12.11	13.00
		132	5660		11.97	13.00
		136	5680		12.01	13.00
		140	5700		11.71	13.00
		144	5720		12.08	13.00
	U-NII-3	149	5745		10.62	11.50



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		153	5765		10.50	11.50
		157	5785		10.26	11.50
		161	5805		10.75	11.50
		165	5825		10.57	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.88	13.00
		46	5230		12.03	13.00
	U-NII-2A	54	5270		12.08	13.00
		62	5310		12.17	13.00
	U-NII-2C	102	5510		13.97	14.50
		110	5550		13.83	14.50
		118	5590		13.26	14.50
		126	5630		13.23	14.50
		134	5670		13.34	14.50
		142	5710		13.51	14.50
	U-NII-3	151	5755		11.36	12.00
		159	5795		11.33	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.72	12.50
	U-NII-2A	58	5290		11.59	12.50
	U-NII-2C	106	5530		11.93	13.00
		122	5610		13.79	14.50
		138	5690		13.80	14.50
	U-NII-3	155	5775		11.29	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.06	10.00
	U-NII-2C	114	5570		10.21	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	10.44	11.50
		40	5200		9.87	11.50
		44	5220		10.10	11.50
		48	5240		10.50	11.50
	U-NII-2A	52	5260		10.72	11.50
		56	5280		10.18	11.50
		60	5300		10.58	11.50
		64	5320		10.79	11.50
	U-NII-2C	100	5500		12.33	13.00
		104	5520		12.21	13.00



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		108	5540		12.65	13.00
		112	5560		12.37	13.00
		116	5580		12.59	13.00
		120	5600		12.28	13.00
		124	5620		12.22	13.00
		128	5640		12.29	13.00
		132	5660		12.20	13.00
		136	5680		11.94	13.00
		140	5700		11.84	13.00
		144	5720		12.20	13.00
	U-NII-3	149	5745		11.02	12.50
		153	5765		11.14	12.50
		157	5785		11.46	12.50
		161	5805		11.84	12.50
		165	5825		11.60	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	12.08	13.00
		46	5230		12.04	13.00
	U-NII-2A	54	5270		12.10	13.00
		62	5310		12.24	13.00
	U-NII-2C	102	5510		13.94	14.50
		110	5550		13.91	14.50
		118	5590		13.44	14.50
		126	5630		13.23	14.50
		134	5670		13.39	14.50
		142	5710		13.78	14.50
	U-NII-3	151	5755		11.45	12.00
		159	5795		11.74	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	12.01	12.50
	U-NII-2A	58	5290		11.52	12.50
	U-NII-2C	106	5530		11.84	13.00
		122	5610		13.65	14.50
		138	5690		13.84	14.50
	U-NII-3	155	5775		11.36	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.12	10.00
	U-NII-2C	114	5570		10.43	11.50



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WIFI 5G Ant 4 Head						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.16	11.00
		40	5200		9.85	11.00
		44	5220		9.80	11.00
		48	5240		10.72	11.00
	U-NII-2A	52	5260		9.94	11.00
		56	5280		10.32	11.00
		60	5300		10.05	11.00
		64	5320		10.12	11.00
	U-NII-2C	100	5500		10.83	12.50
		104	5520		11.38	12.50
		108	5540		11.16	12.50
		112	5560		11.06	12.50
		116	5580		10.92	12.50
		120	5600		11.27	12.50
		124	5620		10.95	12.50
		128	5640		10.82	12.50
		132	5660		10.72	12.50
		136	5680		10.92	12.50
		140	5700		10.58	12.50
		144	5720		11.80	12.50
	U-NII-3	149	5745		11.94	12.50
		153	5765		11.93	12.50
		157	5785		11.95	12.50
		161	5805		11.64	12.50
		165	5825		12.10	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	11.27	11.50
		40	5200		10.86	11.50
		44	5220		10.80	11.50
		48	5240		10.89	11.50
	U-NII-2A	52	5260		10.69	11.50
		56	5280		10.34	11.50
		60	5300		10.41	11.50
		64	5320		10.98	11.50
	U-NII-2C	100	5500		12.41	13.00
		104	5520		12.41	13.00



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		108	5540		12.27	13.00
		112	5560		12.20	13.00
		116	5580		11.78	13.00
		120	5600		12.04	13.00
		124	5620		12.03	13.00
		128	5640		11.67	13.00
		132	5660		11.67	13.00
		136	5680		11.44	13.00
		140	5700		11.20	13.00
		144	5720		11.74	13.00
	U-NII-3	149	5745		11.80	12.50
		153	5765		11.59	12.50
		157	5785		11.60	12.50
		161	5805		11.76	12.50
		165	5825		12.03	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.35	13.00
		46	5230		12.31	13.00
	U-NII-2A	54	5270		11.76	13.00
		62	5310		11.63	13.00
	U-NII-2C	102	5510		13.63	14.50
		110	5550		13.79	14.50
		118	5590		12.86	14.50
		126	5630		12.85	14.50
		134	5670		13.03	14.50
		142	5710		12.96	14.50
	U-NII-3	151	5755		11.03	12.00
		159	5795		11.12	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	11.11	11.50
		40	5200		10.81	11.50
		44	5220		10.85	11.50
		48	5240		10.92	11.50
	U-NII-2A	52	5260		11.60	12.50
		56	5280		11.20	12.50
		60	5300		11.67	12.50
		64	5320		11.82	12.50
	U-NII-2C	100	5500		12.32	13.00
		104	5520		12.27	13.00
		108	5540		12.54	13.00



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		112	5560		12.02	13.00
		116	5580		11.64	13.00
		120	5600		11.98	13.00
		124	5620		11.97	13.00
		128	5640		11.57	13.00
		132	5660		11.76	13.00
		136	5680		11.54	13.00
		140	5700		11.34	13.00
		144	5720		11.62	13.00
	U-NII-3	149	5745		10.76	11.50
		153	5765		10.89	11.50
		157	5785		10.97	11.50
		161	5805		11.25	11.50
		165	5825		10.91	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	12.11	13.00
		46	5230		12.25	13.00
	U-NII-2A	54	5270		11.76	13.00
		62	5310		11.80	13.00
	U-NII-2C	102	5510		13.60	14.50
		110	5550		13.60	14.50
		118	5590		12.82	14.50
		126	5630		12.64	14.50
		134	5670		12.99	14.50
		142	5710		12.98	14.50
	U-NII-3	151	5755		11.01	12.00
		159	5795		11.07	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	11.51	12.50
	U-NII-2A	58	5290		11.27	12.50
	U-NII-2C	106	5530		12.72	13.00
		122	5610		12.92	14.50
		138	5690		13.37	14.50
	U-NII-3	155	5775		10.51	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.53	10.00
	U-NII-2C	114	5570		10.75	11.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up



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802.11ax HEW20	U-NII-1	36	5180	MCS0	11.29	11.50
		40	5200		11.05	11.50
		44	5220		10.87	11.50
		48	5240		11.17	11.50
	U-NII-2A	52	5260		10.61	11.50
		56	5280		10.40	11.50
		60	5300		10.54	11.50
		64	5320		11.01	11.50
	U-NII-2C	100	5500		12.42	13.00
		104	5520		12.26	13.00
		108	5540		12.28	13.00
		112	5560		12.05	13.00
		116	5580		11.74	13.00
		120	5600		11.95	13.00
		124	5620		11.97	13.00
		128	5640		11.60	13.00
		132	5660		11.69	13.00
		136	5680		11.50	13.00
		140	5700		11.30	13.00
		144	5720		12.09	13.00
	U-NII-3	149	5745		11.61	12.50
		153	5765		11.65	12.50
		157	5785		11.88	12.50
		161	5805		11.86	12.50
		165	5825		11.88	12.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	12.42	13.00
		46	5230		12.11	13.00
	U-NII-2A	54	5270		11.84	13.00
		62	5310		12.18	13.00
	U-NII-2C	102	5510		13.77	14.50
		110	5550		13.74	14.50
		118	5590		12.86	14.50
		126	5630		12.76	14.50
		134	5670		12.70	14.50
		142	5710		13.09	14.50
	U-NII-3	151	5755		10.99	12.00
		159	5795		11.18	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	42	5210	MCS0	11.72	12.50



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802.11ax HEW80	U-NII-2A	58	5290		11.13	12.50
	U-NII-2C	106	5530		12.76	13.00
		122	5610		12.88	14.50
		138	5690		13.13	14.50
	U-NII-3	155	5775		10.58	12.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW160	U-NII-1 & U-NII-2A	50	5250	MCS0	9.77	10.00
	U-NII-2C	114	5570		10.88	11.50

WIFI 5G MIMO Head								
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	8.79	10.16	12.54	13.50
		40	5200		8.95	9.85	12.43	13.50
		44	5220		9.11	9.80	12.48	13.50
		48	5240		9.34	10.72	13.09	13.50
	U-NII-2A	52	5260		9.37	9.94	12.67	14.00
		56	5280		9.81	10.32	13.08	14.00
		60	5300		9.79	10.05	12.93	14.00
		64	5320		9.60	10.12	12.88	14.00
	U-NII-2C	100	5500		11.32	10.83	14.09	15.50
		104	5520		11.79	11.38	14.60	15.50
		108	5540		11.73	11.16	14.46	15.50
		112	5560		12.05	11.06	14.59	15.50
		116	5580		12.18	10.92	14.61	15.50
		120	5600		12.24	11.27	14.79	15.50
		124	5620		12.00	10.95	14.52	15.50
		128	5640		11.80	10.82	14.35	15.50
		132	5660		11.84	10.72	14.33	15.50
		136	5680		11.43	10.92	14.19	15.50
		140	5700		11.35	10.58	13.99	15.50
		144	5720		11.43	11.80	14.63	15.50
	U-NII-3	149	5745		11.38	11.94	14.68	15.50
		153	5765		11.40	11.93	14.68	15.50
		157	5785		11.43	11.95	14.71	15.50
		161	5805		11.60	11.64	14.63	15.50
		165	5825		12.23	12.10	15.18	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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802.11n-HT20	U-NII-1	36	5180	MCS0	10.33	11.27	13.84	14.50
		40	5200		9.92	10.86	13.43	14.50
		44	5220		9.87	10.80	13.37	14.50
		48	5240		10.51	10.89	13.71	14.50
	U-NII-2A	52	5260		10.71	10.69	13.71	14.50
		56	5280		10.14	10.34	13.25	14.50
		60	5300		10.66	10.41	13.55	14.50
		64	5320		10.48	10.98	13.75	14.50
	U-NII-2C	100	5500		12.31	12.41	15.37	16.00
		104	5520		12.23	12.41	15.33	16.00
		108	5540		12.39	12.27	15.34	16.00
		112	5560		12.42	12.20	15.32	16.00
		116	5580		12.69	11.78	15.27	16.00
		120	5600		12.45	12.04	15.26	16.00
		124	5620		12.15	12.03	15.10	16.00
		128	5640		12.07	11.67	14.88	16.00
		132	5660		12.13	11.67	14.92	16.00
		136	5680		12.01	11.44	14.74	16.00
		140	5700		11.96	11.20	14.61	16.00
		144	5720		12.16	11.74	14.97	16.00
	U-NII-3	149	5745		10.90	11.80	14.38	15.50
		153	5765		11.08	11.59	14.35	15.50
		157	5785		11.26	11.60	14.44	15.50
		161	5805		11.68	11.76	14.73	15.50
		165	5825		11.60	12.03	14.83	15.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.85	12.35	15.12	16.00
		46	5230		11.94	12.31	15.14	16.00
	U-NII-2A	54	5270		12.22	11.76	15.01	16.00
		62	5310		12.19	11.63	14.93	16.00
	U-NII-2C	102	5510		14.03	13.63	16.84	17.50
		110	5550		13.71	13.79	16.76	17.50
		118	5590		13.53	12.86	16.22	17.50
		126	5630		13.29	12.85	16.09	17.50
		134	5670		13.40	13.03	16.23	17.50
		142	5710		13.54	12.96	16.27	17.50
	U-NII-3	151	5755		11.23	11.03	14.14	15.00
		159	5795		11.35	11.12	14.25	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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802.11ac VHT20	U-NII-1	36	5180	MCS0	10.41	11.11	13.78	14.50
		40	5200		10.04	10.81	13.45	14.50
		44	5220		10.03	10.85	13.47	14.50
		48	5240		10.26	10.92	13.61	14.50
	U-NII-2A	52	5260		11.69	11.60	14.66	15.50
		56	5280		10.98	11.20	14.10	15.50
		60	5300		11.54	11.67	14.62	15.50
		64	5320		11.59	11.82	14.72	15.50
	U-NII-2C	100	5500		12.18	12.32	15.26	16.00
		104	5520		12.24	12.27	15.27	16.00
		108	5540		12.66	12.54	15.61	16.00
		112	5560		12.54	12.02	15.30	16.00
		116	5580		12.38	11.64	15.04	16.00
		120	5600		12.26	11.98	15.13	16.00
		124	5620		12.27	11.97	15.13	16.00
		128	5640		12.11	11.57	14.86	16.00
		132	5660		11.97	11.76	14.88	16.00
		136	5680		12.01	11.54	14.79	16.00
		140	5700		11.71	11.34	14.54	16.00
		144	5720		12.08	11.62	14.87	16.00
	U-NII-3	149	5745		10.62	10.76	13.70	14.50
		153	5765		10.50	10.89	13.71	14.50
		157	5785		10.26	10.97	13.64	14.50
		161	5805		10.75	11.25	14.02	14.50
		165	5825		10.57	10.91	13.75	14.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.88	12.11	15.01	16.00
		46	5230		12.03	12.25	15.15	16.00
	U-NII-2A	54	5270		12.08	11.76	14.93	16.00
		62	5310		12.17	11.80	15.00	16.00
	U-NII-2C	102	5510		13.97	13.60	16.80	17.50
		110	5550		13.83	13.60	16.73	17.50
		118	5590		13.26	12.82	16.06	17.50
		126	5630		13.23	12.64	15.96	17.50
		134	5670		13.34	12.99	16.18	17.50
		142	5710		13.51	12.98	16.26	17.50
	U-NII-3	151	5755		11.36	11.01	14.20	15.00
		159	5795		11.33	11.07	14.21	15.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up



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