

Appendix E

Conducted RF Output Power

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Note:

ECI	Trigger Conditions	Antenna No.
ECI 1	Receiver off	All Ant
ECI 2	Receiver off+WLAN	All Ant
ECI 3	Hotspot	All Ant
ECI 4	Receiver on	All Ant
ECI 6	Receiver on+WLAN	All Ant

Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant1)

1.1 Conducted Power of GSM

GSM 850 ECI 1/3/4										
Channel		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.40	32.45	32.38	33.30	-9.19	23.21	23.26	23.19	24.11
GPRS (GMSK)	1 TX Slot	32.44	32.49	32.40	33.30	-9.19	23.25	23.30	23.21	24.11
	2 TX Slots	31.09	31.14	31.07	31.30	-6.18	24.91	24.96	24.89	25.12
	3 TX Slots	29.12	29.14	29.05	29.30	-4.42	24.70	24.72	24.63	24.88
	4 TX Slots	27.17	27.18	27.08	28.30	-3.17	24.00	24.01	23.91	25.13
EGPRS (GMSK)	1 TX Slot	32.40	32.46	32.34	33.30	-9.19	23.21	23.27	23.15	24.11
	2 TX Slots	31.03	31.11	30.95	31.30	-6.18	24.85	24.93	24.77	25.12
	3 TX Slots	29.05	29.11	28.96	29.30	-4.42	24.63	24.69	24.54	24.88
	4 TX Slots	27.18	27.16	27.06	28.30	-3.17	24.01	23.99	23.89	25.13
EGPRS (8PSK)	1 TX Slot	27.05	27.05	26.88	27.30	-9.19	17.86	17.86	17.69	18.11
	2 TX Slots	24.82	24.56	24.64	25.30	-6.18	18.64	18.38	18.46	19.12
	3 TX Slots	23.02	22.40	22.62	23.30	-4.42	18.60	17.98	18.20	18.88
	4 TX Slots	20.94	20.73	20.65	21.30	-3.17	17.77	17.56	17.48	18.13

1.2 Conducted Power of WCDMA

WCDMA Band V ECI 1/3/4					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.15	23.02	23.12	23.80
	12.2kbps AMR	23.10	23.00	23.09	23.80
HSDPA	Subtest 1	22.11	22.08	22.03	22.80
	Subtest 2	22.03	22.01	22.00	22.80
	Subtest 3	21.61	21.52	21.55	22.30
	Subtest 4	21.63	21.49	21.47	22.30
HSUPA	Subtest 1	20.09	20.07	20.05	20.80
	Subtest 2	20.02	20.08	20.03	20.80
	Subtest 3	21.12	21.12	21.07	21.80
	Subtest 4	19.58	19.58	19.54	20.30
	Subtest 5	21.10	21.06	21.06	21.80
DC-HSDPA	Subtest 1	22.03	22.11	21.93	22.80
	Subtest 2	21.99	22.03	22.06	22.80
	Subtest 3	21.56	21.62	21.49	22.30
	Subtest 4	21.57	21.41	21.51	22.30
HSPA+	16QAM	20.05	19.99	20.10	21.80

1.3 Conducted Power of LTE

LTE Band 5 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.35	23.38	23.44	24.80
		1	2	23.34	23.29	23.42	24.80
		1	5	23.31	23.52	23.28	24.80
		3	0	23.35	23.51	23.37	24.80
		3	2	23.42	23.29	23.29	24.80
		3	3	23.38	23.39	23.37	24.80
		6	0	22.62	22.92	22.55	23.80
	16QAM	1	0	22.74	22.54	22.76	23.80
		1	2	23.05	23.05	22.9	23.80
		1	5	22.8	22.83	22.52	23.80
		3	0	22.68	22.76	22.48	23.80
		3	2	22.62	22.6	22.67	23.80
		3	3	23.13	23.11	22.87	23.80
		6	0	21.59	21.59	21.67	22.80
	64QAM	1	0	21.82	21.77	21.92	22.80
		1	2	21.98	21.92	21.88	22.80
		1	5	21.70	21.67	21.88	22.80
		3	0	21.79	21.66	21.44	22.80
		3	2	21.65	21.72	21.65	22.80
		3	3	21.70	21.89	21.98	22.80
		6	0	20.49	20.80	20.59	21.80
	256QAM	1	0	18.53	18.78	18.59	19.80
		1	2	18.92	18.89	18.90	19.80
		1	5	18.51	18.64	18.54	19.80
		3	0	18.54	18.46	18.65	19.80
		3	2	18.55	18.49	18.54	19.80
		3	3	18.44	18.56	18.48	19.80
		6	0	18.62	18.59	18.73	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.45	23.39	23.39	24.80
		1	7	23.37	23.34	23.41	24.80
		1	14	23.34	23.52	23.37	24.80
		8	0	22.58	22.76	22.57	23.80
		8	4	22.5	22.45	22.57	23.80
		8	7	22.69	22.47	22.57	23.80
		15	0	22.78	22.84	22.57	23.80
	16QAM	1	0	22.7	22.55	22.74	23.80
		1	7	22.95	23.08	22.83	23.80
		1	14	22.88	22.88	22.5	23.80
		8	0	21.68	21.5	21.73	22.80

	64QAM	8	4	21.64	21.56	21.54	22.80
		8	7	21.79	21.56	21.56	22.80
		15	0	21.67	21.61	21.55	22.80
		1	0	21.75	21.87	21.84	22.80
		1	7	21.83	21.97	21.90	22.80
		1	14	21.76	21.63	21.77	22.80
		8	0	20.58	20.66	20.63	21.80
		8	4	20.48	20.71	20.50	21.80
		8	7	20.68	20.55	20.63	21.80
	15	0	20.59	20.74	20.56	21.80	
	256QAM	1	0	18.61	18.84	18.68	19.80
		1	7	18.94	18.86	18.72	19.80
		1	14	18.54	18.62	18.50	19.80
		8	0	18.57	18.55	18.65	19.80
		8	4	18.65	18.56	18.44	19.80
		8	7	18.38	18.58	18.50	19.80
		15	0	18.57	18.61	18.74	19.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20425					20525	20625	
5MHz	QPSK	1	0	23.48	23.51	23.34	24.80
		1	13	23.47	23.36	23.35	24.80
		1	24	23.46	23.52	23.42	24.80
		12	0	22.52	22.66	22.51	23.80
		12	6	22.49	22.59	22.61	23.80
		12	13	22.56	22.63	22.55	23.80
		25	0	22.76	22.9	22.58	23.80
	16QAM	1	0	22.62	22.53	22.7	23.80
		1	13	22.99	22.99	22.76	23.80
		1	24	22.83	22.93	22.5	23.80
		12	0	21.66	21.65	21.6	22.80
		12	6	21.81	21.5	21.53	22.80
		12	13	21.8	21.54	21.44	22.80
		25	0	21.61	21.58	21.63	22.80
	64QAM	1	0	21.79	21.69	21.81	22.80
		1	13	21.81	21.96	21.90	22.80
		1	24	21.69	21.60	21.95	22.80
		12	0	20.56	20.49	20.51	21.80
		12	6	20.65	20.65	20.50	21.80
		12	13	20.73	20.46	20.61	21.80
		25	0	20.66	20.83	20.59	21.80
	256QAM	1	0	18.54	18.75	18.74	19.80
		1	13	18.96	18.95	18.74	19.80
		1	24	18.70	18.52	18.66	19.80
		12	0	18.44	18.49	18.69	19.80
		12	6	18.72	18.55	18.49	19.80
		12	13	18.38	18.43	18.41	19.80
		25	0	18.69	18.48	18.65	19.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.41	23.47	23.41	24.80
		1	25	23.39	23.32	23.36	24.80
		1	49	23.38	23.44	23.32	24.80
		25	0	22.58	22.66	22.57	23.80
		25	13	22.55	22.54	22.51	23.80
		25	25	22.62	22.55	22.55	23.80
		50	0	22.69	22.82	22.57	23.80
	16QAM	1	0	22.66	22.62	22.74	23.80
		1	25	23.03	23.07	22.81	23.80
		1	49	22.8	22.93	22.47	23.80
		25	0	21.62	21.55	21.67	22.80
		25	13	21.74	21.54	21.63	22.80
		25	25	21.83	21.58	21.51	22.80
		50	0	21.57	21.63	21.59	22.80
	64QAM	1	0	21.79	21.79	21.88	22.80
		1	25	21.89	21.97	21.85	22.80
		1	49	21.71	21.70	21.86	22.80
		25	0	20.64	20.57	20.59	21.80
		25	13	20.57	20.62	20.56	21.80
		25	25	20.63	20.53	20.66	21.80
		50	0	20.59	20.76	20.60	21.80
	256QAM	1	0	18.61	18.74	18.64	19.80
		1	25	18.93	18.94	18.82	19.80
		1	49	18.60	18.60	18.58	19.80
		25	0	18.54	18.56	18.68	19.80
		25	13	18.64	18.53	18.54	19.80
		25	25	18.46	18.52	18.46	19.80
		50	0	18.59	18.58	18.72	19.80

LTE Band 12 ECI 1/3/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				23017	23095	23173			
1.4MHz	QPSK	1	0	23.71	23.81	23.69	24.80		
		1	2	23.96	23.9	23.84	24.80		
		1	5	23.96	23.73	23.84	24.80		
		3	0	23.62	23.8	23.6	24.80		
		3	2	23.93	23.84	23.83	24.80		
		3	3	23.91	23.74	23.93	24.80		
		6	0	22.88	22.78	22.78	23.80		
	16QAM	1	0	23.16	22.72	22.76	23.80		
		1	2	23.25	23.08	22.88	23.80		
		1	5	23.26	23.12	23.05	23.80		
		3	0	22.81	22.79	22.8	23.80		
		3	2	22.68	22.9	22.87	23.80		
		3	3	22.95	22.76	22.81	23.80		
		6	0	21.91	21.76	21.94	22.80		
	64QAM	1	0	21.65	21.87	21.73	22.80		
		1	2	21.44	21.36	21.40	22.80		
		1	5	21.46	21.45	21.30	22.80		
		3	0	21.85	21.83	21.86	22.80		
		3	2	21.66	21.78	21.70	22.80		
		3	3	21.58	21.45	21.52	22.80		
		6	0	20.23	20.23	20.23	21.80		
	256QAM	1	0	18.38	18.28	18.40	19.80		
		1	2	18.45	18.36	18.57	19.80		
		1	5	18.29	18.40	18.26	19.80		
		3	0	18.34	18.35	18.34	19.80		
		3	2	18.34	18.25	18.20	19.80		
		3	3	18.38	18.25	18.33	19.80		
		6	0	18.34	18.27	18.26	19.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
3MHz	QPSK	1	0	23.65	23.73	23.59	24.80		
		1	7	23.91	23.7	24	24.80		
		1	14	23.86	23.68	23.76	24.80		
		8	0	22.78	22.77	22.83	23.80		
		8	4	22.73	22.9	22.95	23.80		
		8	7	22.75	22.82	22.84	23.80		
		15	0	22.83	22.89	22.78	23.80		
	16QAM	1	0	23.2	22.87	22.93	23.80		
		1	7	23.22	22.97	22.9	23.80		
		1	14	23.34	23.23	23.07	23.80		
		8	0	21.69	21.79	21.88	22.80		
		8	4	21.64	21.72	21.81	22.80		
		8	7	21.69	21.94	21.74	22.80		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						23025	23095	23165	

		15	0	21.78	21.8	21.92	22.80
	64QAM	1	0	21.67	21.80	21.68	22.80
		1	7	21.57	21.35	21.49	22.80
		1	14	21.42	21.38	21.34	22.80
		8	0	20.35	20.30	20.36	21.80
		8	4	20.21	20.37	20.28	21.80
		8	7	20.30	20.23	20.25	21.80
		15	0	20.25	20.34	20.34	21.80
	256QAM	1	0	18.39	18.29	18.51	19.80
		1	7	18.42	18.37	18.49	19.80
		1	14	18.26	18.26	18.25	19.80
		8	0	18.31	18.40	18.35	19.80
		8	4	18.31	18.22	18.30	19.80
		8	7	18.36	18.29	18.22	19.80
		15	0	18.45	18.34	18.26	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.79	23.8	23.6	24.80
		1	13	23.81	23.84	23.86	24.80
		1	24	23.87	23.68	23.76	24.80
		12	0	22.84	22.84	22.77	23.80
		12	6	22.76	22.76	22.83	23.80
		12	13	22.81	22.8	22.92	23.80
		25	0	22.88	22.82	22.72	23.80
	16QAM	1	0	23.14	22.84	22.86	23.80
		1	13	23.16	23	22.87	23.80
		1	24	23.2	23.07	23.06	23.80
		12	0	21.81	21.69	21.82	22.80
		12	6	21.8	21.88	21.7	22.80
		12	13	21.72	21.96	21.72	22.80
		25	0	21.76	21.85	21.82	22.80
	64QAM	1	0	21.71	21.80	21.76	22.80
		1	13	21.58	21.41	21.37	22.80
		1	24	21.49	21.38	21.40	22.80
		12	0	20.32	20.29	20.31	21.80
		12	6	20.21	20.23	20.32	21.80
		12	13	20.20	20.27	20.33	21.80
		25	0	20.24	20.24	20.38	21.80
	256QAM	1	0	18.32	18.34	18.41	19.80
		1	13	18.41	18.37	18.41	19.80
		1	24	18.35	18.40	18.32	19.80
		12	0	18.25	18.44	18.26	19.80
		12	6	18.29	18.25	18.25	19.80
		12	13	18.24	18.33	18.32	19.80
		25	0	18.37	18.34	18.29	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	

10MHz	QPSK	1	0	23.69	23.71	23.65	24.80
		1	25	23.87	23.8	23.91	24.80
		1	49	23.9	23.78	23.86	24.80
		25	0	22.75	22.75	22.82	23.80
		25	13	22.77	22.86	22.87	23.80
		25	25	22.78	22.87	22.92	23.80
		50	0	22.91	22.81	22.8	23.80
	16QAM	1	0	23.11	22.8	22.86	23.80
		1	25	23.18	23.06	22.94	23.80
		1	49	23.27	23.13	22.98	23.80
		25	0	21.73	21.7	21.79	22.80
		25	13	21.7	21.82	21.75	22.80
		25	25	21.72	21.92	21.68	22.80
		50	0	21.81	21.85	21.91	22.80
	64QAM	1	0	21.74	21.82	21.74	22.80
		1	25	21.51	21.43	21.45	22.80
		1	49	21.50	21.38	21.34	22.80
		25	0	20.28	20.24	20.32	21.80
		25	13	20.20	20.29	20.28	21.80
		25	25	20.25	20.21	20.28	21.80
		50	0	20.23	20.26	20.31	21.80
	256QAM	1	0	18.41	18.35	18.42	19.80
		1	25	18.42	18.44	18.48	19.80
		1	49	18.36	18.36	18.30	19.80
25		0	18.33	18.38	18.26	19.80	
25		13	18.24	18.25	18.27	19.80	
25		25	18.31	18.24	18.28	19.80	
50		0	18.40	18.26	18.20	19.80	

LTE Band 14 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	24.35	24.42	24.44	24.80
		1	13	24.41	24.47	24.35	24.80
		1	24	24.43	24.41	24.47	24.80
		12	0	23.41	23.36	23.4	23.80
		12	6	23.41	23.44	23.35	23.80
		12	13	23.31	23.37	23.31	23.80
		25	0	23.53	23.4	23.44	23.80
	16QAM	1	0	23.72	23.47	23.24	23.80
		1	13	23.52	23.79	23.79	23.80
		1	24	23.77	23.72	23.78	23.80
		12	0	22.45	22.39	22.34	22.80
		12	6	22.39	22.33	22.38	22.80
		12	13	22.26	22.27	22.31	22.80

		25	0	22.37	22.47	22.45	22.80
	64QAM	1	0	22.46	22.49	22.52	22.80
		1	13	22.60	22.71	22.71	22.80
		1	24	22.46	22.63	22.50	22.80
		12	0	21.27	21.39	21.24	21.80
		12	6	21.41	21.38	21.49	21.80
		12	13	21.23	21.29	21.23	21.80
		25	0	21.36	21.41	21.38	21.80
	256QAM	1	0	19.56	19.44	19.52	19.80
		1	13	19.57	19.53	19.58	19.80
		1	24	19.40	19.52	19.49	19.80
		12	0	19.46	19.45	19.37	19.80
		12	6	19.40	19.43	19.36	19.80
		12	13	19.29	19.37	19.42	19.80
		25	0	19.44	19.35	19.35	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	23330	\	
10MHz	QPSK	1	0	\	24.53	\	24.80
		1	25	\	24.58	\	24.80
		1	49	\	24.57	\	24.80
		25	0	\	23.52	\	23.80
		25	13	\	23.54	\	23.80
		25	25	\	23.44	\	23.80
		50	0	\	23.53	\	23.80
	16QAM	1	0	\	22.61	\	23.80
		1	25	\	23.59	\	23.80
		1	49	\	23.41	\	23.80
		25	0	\	22.48	\	22.80
		25	13	\	22.4	\	22.80
		25	25	\	22.35	\	22.80
		50	0	\	22.57	\	22.80
	64QAM	1	0	\	22.50	\	22.80
		1	25	\	22.63	\	22.80
		1	49	\	22.53	\	22.80
		25	0	\	21.31	\	21.80
		25	13	\	21.42	\	21.80
		25	25	\	21.31	\	21.80
		50	0	\	21.37	\	21.80
	256QAM	1	0	\	19.51	\	19.80
		1	25	\	19.57	\	19.80
		1	49	\	19.47	\	19.80
		25	0	\	19.38	\	19.80
		25	13	\	19.36	\	19.80
		25	25	\	19.33	\	19.80
		50	0	\	19.37	\	19.80

LTE Band 17 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.01	23.27	23.22	23.80
		1	13	23.15	23.25	23.01	23.80
		1	24	23.14	23.25	23.13	23.80
		12	0	22.25	22.09	22.3	22.80
		12	6	22.2	22.18	22.16	22.80
		12	13	22.21	22.16	22.07	22.80
		25	0	22.25	22.17	22.13	22.80
	16QAM	1	0	22.26	22.33	22.67	22.80
		1	13	22.58	22.16	22.58	22.80
		1	24	22.3	22.58	22.5	22.80
		12	0	21.11	21.19	21.13	21.80
		12	6	21.34	21.11	21.25	21.80
		12	13	21.16	21.29	21.21	21.80
		25	0	21.14	21.13	21.22	21.80
	64QAM	1	0	21.36	21.52	21.41	21.80
		1	13	21.44	21.42	21.49	21.80
		1	24	21.33	21.59	21.54	21.80
		12	0	20.32	20.25	20.35	20.80
		12	6	20.27	20.26	20.15	20.80
		12	13	20.16	20.10	20.17	20.80
		25	0	20.26	20.24	20.31	20.80
	256QAM	1	0	18.29	18.40	18.40	18.80
		1	13	18.37	18.18	18.37	18.80
		1	24	18.27	18.39	18.19	18.80
		12	0	18.11	18.36	18.33	18.80
		12	6	18.41	18.44	18.20	18.80
		12	13	18.28	18.34	18.25	18.80
		25	0	18.16	18.29	18.38	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.1	23.23	23.18	23.80
		1	25	23.17	23.21	23.09	23.80
		1	49	23.15	23.31	23.16	23.80
		25	0	22.16	22.13	22.2	22.80
		25	13	22.22	22.13	22.13	22.80
		25	25	22.2	22.12	22.1	22.80
		50	0	22.24	22.1	22.16	22.80
	16QAM	1	0	22.31	22.35	22.61	22.80
		1	25	22.65	22.12	22.55	22.80
		1	49	22.39	22.56	22.43	22.80
		25	0	21.02	21.19	21.14	21.80
		25	13	21.26	21.19	21.19	21.80
		25	25	21.22	21.23	21.19	21.80
		25	0	21.02	21.19	21.14	21.80
		25	13	21.26	21.19	21.19	21.80

		50	0	21.1	21.2	21.16	21.80
	64QAM	1	0	21.46	21.47	21.43	21.80
		1	25	21.47	21.48	21.43	21.80
		1	49	21.38	21.50	21.53	21.80
		25	0	20.29	20.19	20.33	20.80
		25	13	20.21	20.24	20.15	20.80
		25	25	20.17	20.10	20.22	20.80
		50	0	20.28	20.31	20.23	20.80
	256QAM	1	0	18.34	18.39	18.32	18.80
		1	25	18.33	18.28	18.41	18.80
		1	49	18.24	18.37	18.27	18.80
		25	0	18.19	18.38	18.28	18.80
		25	13	18.34	18.44	18.30	18.80
		25	25	18.31	18.34	18.33	18.80
		50	0	18.26	18.27	18.38	18.80

LTE Band 26 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.17	23.93	24.08	24.80
		1	2	24.11	24.01	24.1	24.80
		1	5	24.04	24.19	23.98	24.80
		3	0	23.93	24.12	24.02	24.80
		3	2	23.95	24.07	23.9	24.80
		3	3	24.08	24.01	23.95	24.80
		6	0	23.33	23.35	23.2	23.80
	16QAM	1	0	23.69	23.53	23.52	23.80
		1	2	23.44	23.47	23.5	23.80
		1	5	23.16	23.51	23.25	23.80
		3	0	23.29	23.4	23.37	23.80
		3	2	23.44	23.22	23.32	23.80
		3	3	23.25	23.27	23.23	23.80
		6	0	22.4	22.36	22.31	22.80
	64QAM	1	0	22.65	22.64	22.61	22.80
		1	2	22.56	22.72	22.60	22.80
		1	5	22.70	22.75	22.73	22.80
		3	0	22.57	22.58	22.54	22.80
		3	2	22.69	22.62	22.70	22.80
		3	3	22.61	22.65	22.60	22.80
		6	0	21.51	21.43	21.42	21.80
	256QAM	1	0	19.58	19.64	19.65	19.80
		1	2	19.62	19.45	19.53	19.80
		1	5	19.56	19.57	19.40	19.80
		3	0	19.39	19.40	19.48	19.80
		3	2	19.47	19.39	19.36	19.80
		3	3	19.36	19.33	19.36	19.80
		6	0	19.46	19.41	19.49	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.04	24.11	23.98	24.80
		1	7	24.04	24	23.92	24.80
		1	14	24.08	23.97	23.98	24.80
		8	0	23.36	23.29	23.39	23.80
		8	4	23.23	23.34	23.34	23.80
		8	7	23.36	23.38	23.41	23.80
		15	0	23.31	23.31	23.28	23.80
	16QAM	1	0	23.66	23.56	23.77	23.80
		1	7	23.7	23.2	23.76	23.80
		1	14	23.41	23.54	23.72	23.80
		8	0	22.45	22.3	22.46	22.80
		8	4	22.33	22.43	22.32	22.80
		8	7	22.36	22.39	22.41	22.80

		15	0	22.29	22.34	22.26	22.80
	64QAM	1	0	22.59	22.55	22.62	22.80
		1	7	22.56	22.54	22.60	22.80
		1	14	22.72	22.62	22.58	22.80
		8	0	21.43	21.44	21.46	21.80
		8	4	21.53	21.54	21.48	21.80
		8	7	21.39	21.54	21.49	21.80
		15	0	21.47	21.38	21.38	21.80
	256QAM	1	0	19.59	19.56	19.69	19.80
		1	7	19.55	19.43	19.43	19.80
		1	14	19.55	19.53	19.52	19.80
		8	0	19.41	19.39	19.55	19.80
		8	4	19.28	19.31	19.37	19.80
		8	7	19.26	19.28	19.26	19.80
		15	0	19.41	19.40	19.37	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	24.23	24.15	24.16	24.80
		1	13	24.11	24.29	24.13	24.80
		1	24	24.14	24.27	24.28	24.80
		12	0	23.3	23.36	23.39	23.80
		12	6	23.45	23.38	23.56	23.80
		12	13	23.36	23.45	23.31	23.80
		25	0	23.37	23.46	23.4	23.80
	16QAM	1	0	23.74	23.7	23.71	23.80
		1	13	23.61	23.46	23.76	23.80
		1	24	23.43	23.4	23.24	23.80
		12	0	22.45	22.38	22.49	22.80
		12	6	22.28	22.46	22.34	22.80
		12	13	22.35	22.31	22.23	22.80
		25	0	22.45	22.5	22.41	22.80
	64QAM	1	0	22.70	22.59	22.61	22.80
		1	13	22.64	22.66	22.70	22.80
		1	24	22.70	22.65	22.61	22.80
		12	0	21.47	21.45	21.58	21.80
		12	6	21.46	21.46	21.44	21.80
		12	13	21.50	21.52	21.49	21.80
		25	0	21.52	21.55	21.41	21.80
	256QAM	1	0	19.53	19.55	19.65	19.80
		1	13	19.58	19.60	19.43	19.80
		1	24	19.53	19.38	19.40	19.80
		12	0	19.47	19.46	19.39	19.80
		12	6	19.33	19.43	19.35	19.80
		12	13	19.35	19.34	19.44	19.80
		25	0	19.31	19.34	19.46	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 26740	Channel 26865	Channel 26990	Tune up

10MHz	QPSK	1	0	23.87	24.02	23.9	24.80
		1	25	24.08	24.01	24.04	24.80
		1	49	23.99	24.03	23.93	24.80
		25	0	23.08	23.24	23.27	23.80
		25	13	23.22	23.3	23.27	23.80
		25	25	23.37	23.28	23.26	23.80
		50	0	23.3	23.28	23.24	23.80
	16QAM	1	0	23.44	23.3	23.12	23.80
		1	25	23.38	23.73	23.34	23.80
		1	49	23.45	23.38	23.55	23.80
		25	0	22.16	22.24	22.33	22.80
		25	13	22.3	22.28	22.3	22.80
		25	25	22.35	22.12	22.14	22.80
		50	0	22.29	22.24	22.3	22.80
	64QAM	1	0	22.58	22.65	22.59	22.80
		1	25	22.64	22.64	22.69	22.80
		1	49	22.56	22.72	22.75	22.80
		25	0	21.50	21.43	21.45	21.80
		25	13	21.42	21.52	21.45	21.80
		25	25	21.43	21.54	21.38	21.80
		50	0	21.53	21.52	21.55	21.80
256QAM	1	0	19.57	19.62	19.57	19.80	
	1	25	19.45	19.48	19.43	19.80	
	1	49	19.51	19.57	19.43	19.80	
	25	0	19.57	19.52	19.55	19.80	
	25	13	19.40	19.48	19.38	19.80	
	25	25	19.32	19.45	19.27	19.80	
	50	0	19.39	19.40	19.31	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	24.02	24.22	24.02	24.80
		1	38	24.01	24.14	24.21	24.80
		1	74	24.03	24.28	24.17	24.80
		36	0	23.19	23.29	23.26	23.80
		36	18	23.19	23.3	23.33	23.80
		36	39	23.28	23.4	23.11	23.80
		75	0	23.34	23.38	23.28	23.80
	16QAM	1	0	23.12	23.77	23.8	23.80
		1	38	23.36	23.41	23.54	23.80
		1	74	23.62	23.64	23.16	23.80
		36	0	22.19	22.26	22.34	22.80
		36	18	22.25	22.23	22.33	22.80
		36	39	22.29	22.35	22.27	22.80
		75	0	22.3	22.27	22.33	22.80
	64QAM	1	0	22.59	22.55	22.63	22.80
		1	38	22.62	22.57	22.73	22.80
		1	74	22.74	22.67	22.75	22.80

		36	0	21.38	21.42	21.58	21.80	
		36	18	21.46	21.37	21.46	21.80	
		36	39	21.42	21.56	21.46	21.80	
		75	0	21.43	21.43	21.43	21.80	
	256QAM		1	0	19.62	19.60	19.60	19.80
			1	38	19.43	19.54	19.61	19.80
			1	74	19.38	19.41	19.49	19.80
			36	0	19.54	19.42	19.43	19.80
			36	18	19.28	19.30	19.37	19.80
			36	39	19.38	19.29	19.37	19.80
			75	0	19.42	19.51	19.34	19.80

LTE Band 71 ECI 1/3/4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				133147	133297	133447		
5MHz	QPSK	1	0	24.4	24.54	24.58	24.80	
		1	13	24.56	24.56	24.36	24.80	
		1	24	24.36	24.58	24.44	24.80	
		12	0	23.42	23.53	23.56	23.80	
		12	6	23.49	23.43	23.51	23.80	
		12	13	23.4	23.66	23.38	23.80	
		25	0	23.55	23.54	23.58	23.80	
	16QAM		1	0	23.71	23.57	23.61	23.80
			1	13	23.58	23.67	23.42	23.80
			1	24	23.64	23.78	23.67	23.80
			12	0	22.5	22.58	22.5	22.80
			12	6	22.48	22.54	22.49	22.80
			12	13	22.45	22.52	22.56	22.80
			25	0	22.52	22.59	22.58	22.80
	64QAM		1	0	22.77	22.61	22.57	22.80
			1	13	22.58	22.77	22.65	22.80
			1	24	22.67	22.61	22.78	22.80
			12	0	21.51	21.42	21.47	21.80
			12	6	21.49	21.35	21.63	21.80
			12	13	21.40	21.37	21.45	21.80
			25	0	21.41	21.46	21.55	21.80
	256QAM		1	0	19.77	19.70	19.69	19.80
			1	13	19.65	19.69	19.55	19.80
			1	24	19.59	19.55	19.60	19.80
			12	0	19.52	19.63	19.58	19.80
			12	6	19.67	19.61	19.57	19.80
			12	13	19.69	19.67	19.63	19.80
			25	0	19.56	19.58	19.57	19.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					133172	133297	133422	

10MHz	QPSK	1	0	24.46	24.53	24.52	24.80
		1	25	24.58	24.56	24.43	24.80
		1	49	24.38	24.45	24.36	24.80
		25	0	23.45	23.59	23.44	23.80
		25	13	23.54	23.59	23.37	23.80
		25	25	23.38	23.57	23.37	23.80
		50	0	23.49	23.41	23.54	23.80
	16QAM	1	0	23.71	23.65	23.76	23.80
		1	25	23.61	23.69	23.48	23.80
		1	49	23.7	23.68	23.79	23.80
		25	0	22.45	22.56	22.46	22.80
		25	13	22.48	22.48	22.35	22.80
		25	25	22.42	22.53	22.64	22.80
		50	0	22.45	22.54	22.59	22.80
	64QAM	1	0	22.64	22.66	22.58	22.80
		1	25	22.74	22.71	22.52	22.80
		1	49	22.69	22.66	22.62	22.80
		25	0	21.43	21.38	21.48	21.80
		25	13	21.64	21.46	21.52	21.80
		25	25	21.37	21.36	21.52	21.80
		50	0	21.42	21.51	21.60	21.80
256QAM	1	0	19.77	19.70	19.69	19.80	
	1	25	19.65	19.69	19.55	19.80	
	1	49	19.59	19.55	19.60	19.80	
	25	0	19.52	19.63	19.58	19.80	
	25	13	19.67	19.61	19.57	19.80	
	25	25	19.69	19.67	19.63	19.80	
	50	0	19.56	19.58	19.57	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	24.42	24.45	24.43	24.80
		1	38	24.44	24.5	24.36	24.80
		1	74	24.45	24.41	24.49	24.80
		36	0	23.5	23.43	23.46	23.80
		36	18	23.58	23.61	23.42	23.80
		36	39	23.55	23.6	23.43	23.80
		75	0	23.6	23.5	23.42	23.80
	16QAM	1	0	23.8	23.59	23.76	23.80
		1	38	23.68	23.59	23.56	23.80
		1	74	23.63	23.76	23.68	23.80
		36	0	22.5	22.52	22.48	22.80
		36	18	22.3	22.43	22.35	22.80
		36	39	22.47	22.52	22.65	22.80
		75	0	22.39	22.63	22.63	22.80
	64QAM	1	0	22.60	22.68	22.58	22.80
		1	38	22.71	22.68	22.58	22.80
		1	74	22.56	22.68	22.79	22.80

		36	0	21.45	21.54	21.57	21.80	
		36	18	21.56	21.48	21.58	21.80	
		36	39	21.39	21.38	21.52	21.80	
		75	0	21.45	21.61	21.52	21.80	
	256QAM	1	0	19.77	19.70	19.69	19.80	
		1	38	19.65	19.69	19.55	19.80	
		1	74	19.59	19.55	19.60	19.80	
		36	0	19.52	19.63	19.58	19.80	
		36	18	19.67	19.61	19.57	19.80	
		36	39	19.69	19.67	19.63	19.80	
		75	0	19.56	19.58	19.57	19.80	
		Bandwidth	Modulation	RB size	RB offset	Channel 133222	Channel 133322	Channel 133372
	20MHz	QPSK	1	0	24.45	24.5	24.49	24.80
1			50	24.48	24.55	24.44	24.80	
1			99	24.43	24.48	24.45	24.80	
50			0	23.5	23.5	23.51	23.80	
50			25	23.52	23.51	23.45	23.80	
50			50	23.48	23.56	23.45	23.80	
100			0	23.5	23.51	23.5	23.80	
16QAM		1	0	23.74	23.65	23.68	23.80	
		1	50	23.67	23.65	23.52	23.80	
		1	99	23.63	23.71	23.77	23.80	
		50	0	22.44	22.49	22.52	22.80	
		50	25	22.4	22.52	22.44	22.80	
		50	50	22.49	22.61	22.57	22.80	
		100	0	22.46	22.55	22.58	22.80	
64QAM		1	0	22.68	22.61	22.60	22.80	
		1	50	22.66	22.72	22.60	22.80	
		1	99	22.59	22.71	22.71	22.80	
		50	0	21.53	21.48	21.47	21.80	
		50	25	21.57	21.43	21.53	21.80	
		50	50	21.42	21.39	21.51	21.80	
		100	0	21.47	21.51	21.51	21.80	
256QAM		1	0	19.77	19.70	19.69	19.80	
		1	50	19.65	19.69	19.55	19.80	
		1	99	19.59	19.55	19.60	19.80	
		50	0	19.52	19.63	19.58	19.80	
		50	25	19.67	19.61	19.57	19.80	
		50	50	19.69	19.67	19.63	19.80	
		100	0	19.56	19.58	19.57	19.80	

2 Conducted Power of Main Antenna (Ant2)

2.1 Conducted Power of GSM

GSM 1900 ECI 1/3/4										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.16	29.10	29.00	30.30	-9.19	19.97	19.91	19.81	21.11
GPRS (GMSK)	1 TX Slot	29.23	29.15	29.06	30.30	-9.19	20.04	19.96	19.87	21.11
	2 TX Slots	27.87	27.82	27.76	28.30	-6.18	21.69	21.64	21.58	22.12
	3 TX Slots	25.70	25.72	25.74	26.30	-4.42	21.28	21.30	21.32	21.88
	4 TX Slots	23.73	23.76	23.79	25.30	-3.17	20.56	20.59	20.62	22.13
EGPRS (GMSK)	1 TX Slot	29.16	29.08	29.01	30.30	-9.19	19.97	19.89	19.82	21.11
	2 TX Slots	27.82	27.74	27.72	28.30	-6.18	21.64	21.56	21.54	22.12
	3 TX Slots	25.69	25.66	25.60	26.30	-4.42	21.27	21.24	21.18	21.88
	4 TX Slots	23.75	23.72	23.80	25.30	-3.17	20.58	20.55	20.63	22.13
EGPRS (8PSK)	1 TX Slot	26.17	26.07	25.75	26.30	-9.19	16.98	16.88	16.56	17.11
	2 TX Slots	24.08	24.05	23.88	24.30	-6.18	17.90	17.87	17.70	18.12
	3 TX Slots	22.20	22.10	22.07	22.30	-4.42	17.78	17.68	17.65	17.88
	4 TX Slots	20.20	20.11	19.98	20.30	-3.17	17.03	16.94	16.81	17.13

2.2 Conducted Power of WCDMA

WCDMA Band II ECI 1/3/4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.52	22.57	22.56	23.80
	12.2kbps AMR	22.50	22.52	22.51	23.80
HSDPA	Subtest 1	21.59	21.57	21.69	22.80
	Subtest 2	21.53	21.55	21.66	22.80
	Subtest 3	21.07	21.12	21.18	22.30
	Subtest 4	21.04	21.04	21.19	22.30
HSUPA	Subtest 1	20.09	19.56	20.21	20.80
	Subtest 2	19.59	19.62	19.68	20.80
	Subtest 3	20.63	20.64	20.74	21.80
	Subtest 4	19.13	19.12	19.19	20.30
	Subtest 5	20.60	20.59	20.70	21.80
DC-HSDPA	Subtest 1	21.69	21.61	21.67	22.80
	Subtest 2	21.57	21.46	21.64	22.80
	Subtest 3	21.00	21.20	21.20	22.30
	Subtest 4	21.00	20.97	21.17	22.30
HSPA+	16QAM	19.99	19.93	19.89	21.80

WCDMA Band IV ECI 1/3/4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.45	22.48	22.39	23.80
	12.2kbps AMR	22.40	22.41	22.35	23.80
HSDPA	Subtest 1	21.52	21.44	21.40	22.80
	Subtest 2	21.47	21.40	21.36	22.80
	Subtest 3	21.05	20.94	20.85	22.30
	Subtest 4	20.90	20.86	20.82	22.30
HSUPA	Subtest 1	19.50	19.43	19.92	20.80
	Subtest 2	19.49	19.46	19.39	20.80
	Subtest 3	20.52	20.46	20.42	21.80
	Subtest 4	19.02	18.98	18.90	20.30
	Subtest 5	20.50	20.43	20.41	21.80
DC-HSDPA	Subtest 1	21.44	21.38	21.43	22.80
	Subtest 2	21.56	21.37	21.40	22.80
	Subtest 3	21.10	20.96	20.78	22.30
	Subtest 4	20.92	20.83	20.78	22.30
HSPA+	16QAM	19.99	20.01	20.05	21.80

2.3 Conducted Power of LTE

LTE Band 2 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.24	23.25	23.38	24.30
		1	2	23.3	23.19	23.4	24.30
		1	5	23.12	23.19	23.4	24.30
		3	0	23.15	23.26	23.27	24.30
		3	2	23.13	23.31	23.37	24.30
		3	3	23.22	23.31	23.33	24.30
		6	0	22.19	22.22	22.41	23.30
	16QAM	1	0	22.3	22.61	22.47	23.30
		1	2	22.25	22.63	22.6	23.30
		1	5	22.22	22.3	22.25	23.30
		3	0	22.28	22.26	22.36	23.30
		3	2	22.14	22.31	22.32	23.30
		3	3	22.27	22.14	22.31	23.30
		6	0	21.23	21.35	21.48	22.30
	64QAM	1	0	21.70	21.79	21.71	22.30
		1	2	21.71	21.77	21.75	22.30
		1	5	21.84	21.75	21.83	22.30
		3	0	21.85	21.78	21.73	22.30
		3	2	21.78	21.68	21.74	22.30
		3	3	21.76	21.78	21.68	22.30
		6	0	20.66	20.62	20.68	21.30
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	2	18.85	18.78	18.81	19.30
		1	5	18.74	18.80	18.83	19.30
		3	0	18.88	18.85	18.90	19.30
		3	2	18.71	18.79	18.72	19.30
		3	3	18.85	18.82	18.83	19.30
		6	0	18.79	18.76	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.95	23.27	23.27	24.30
		1	7	23.13	23.32	23.4	24.30
		1	14	23.19	23.25	23.44	24.30
		8	0	22.23	22.28	22.44	23.30
		8	4	22.13	22.23	22.48	23.30
		8	7	22.17	22.34	22.39	23.30
		15	0	22.18	22.29	22.44	23.30
	16QAM	1	0	22.34	22.4	22.47	23.30
		1	7	22.33	22.78	22.79	23.30
		1	14	22.54	22.42	22.75	23.30
		8	0	21.22	21.37	21.44	22.30

	64QAM	8	4	21.4	21.3	21.56	22.30
		8	7	21.24	21.38	21.58	22.30
		15	0	21.27	21.22	21.44	22.30
		1	0	21.70	21.79	21.71	22.30
		1	7	21.71	21.77	21.75	22.30
		1	14	21.84	21.75	21.83	22.30
		8	0	20.60	20.61	20.52	21.30
		8	4	20.52	20.60	20.67	21.30
		8	7	20.52	20.58	20.48	21.30
	15	0	20.66	20.62	20.68	21.30	
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	7	18.85	18.78	18.81	19.30
		1	14	18.74	18.80	18.83	19.30
		8	0	18.88	18.85	18.90	19.30
		8	4	18.71	18.79	18.72	19.30
		8	7	18.85	18.82	18.83	19.30
		15	0	18.79	18.76	18.78	19.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18625					18900	19175	
5MHz	QPSK	1	0	23.22	23.38	23.39	24.30
		1	13	23.27	23.44	23.51	24.30
		1	24	23.38	23.5	23.57	24.30
		12	0	22.22	22.42	22.4	23.30
		12	6	22.23	22.34	22.58	23.30
		12	13	22.23	22.31	22.4	23.30
		25	0	22.23	22.42	22.51	23.30
	16QAM	1	0	22.65	22.47	22.63	23.30
		1	13	22.47	22.58	22.57	23.30
		1	24	22.28	22.72	22.86	23.30
		12	0	21.32	21.37	21.46	22.30
		12	6	21.27	21.29	21.54	22.30
		12	13	21.28	21.34	21.64	22.30
		25	0	21.21	21.44	21.43	22.30
	64QAM	1	0	21.70	21.79	21.71	22.30
		1	13	21.71	21.77	21.75	22.30
		1	24	21.84	21.75	21.83	22.30
		12	0	20.60	20.61	20.52	21.30
		12	6	20.52	20.60	20.67	21.30
		12	13	20.52	20.58	20.48	21.30
		25	0	20.66	20.62	20.68	21.30
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	13	18.85	18.78	18.81	19.30
		1	24	18.74	18.80	18.83	19.30
		12	0	18.88	18.85	18.90	19.30
		12	6	18.71	18.79	18.72	19.30
		12	13	18.85	18.82	18.83	19.30
		25	0	18.79	18.76	18.78	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.23	23.06	23.05	24.30
		1	25	22.99	23	23.21	24.30
		1	49	22.75	23.16	23.33	24.30
		25	0	21.91	22.03	22.32	23.30
		25	13	22.08	22.07	22.35	23.30
		25	25	22.05	22.04	22.3	23.30
		50	0	21.94	22.13	22.3	23.30
	16QAM	1	0	22.51	22.52	22.65	23.30
		1	25	22.15	22.48	22.61	23.30
		1	49	21.9	21.92	22.65	23.30
		25	0	21.1	21.03	21.51	22.30
		25	13	21.05	21.01	21.28	22.30
		25	25	21.11	20.97	21.27	22.30
		50	0	21.04	21.1	21.36	22.30
	64QAM	1	0	21.70	21.79	21.71	22.30
		1	25	21.71	21.77	21.75	22.30
		1	49	21.84	21.75	21.83	22.30
		25	0	20.60	20.61	20.52	21.30
		25	13	20.52	20.60	20.67	21.30
		25	25	20.52	20.58	20.48	21.30
		50	0	20.66	20.62	20.68	21.30
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	25	18.85	18.78	18.81	19.30
		1	49	18.74	18.80	18.83	19.30
		25	0	18.88	18.85	18.90	19.30
		25	13	18.71	18.79	18.72	19.30
		25	25	18.85	18.82	18.83	19.30
		50	0	18.79	18.76	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	23.3	22.78	23.05	24.30
		1	38	23.27	22.84	23.03	24.30
		1	74	23.04	23	22.93	24.30
		36	0	22.18	21.84	21.94	23.30
		36	18	22.11	21.82	21.9	23.30
		36	39	21.86	21.82	21.91	23.30
		75	0	21.9	21.83	21.88	23.30
	16QAM	1	0	22.2	22.1	22.3	23.30
		1	38	21.94	22.18	22.1	23.30
		1	74	22.24	22.4	22.1	23.30
		36	0	20.77	20.9	20.95	22.30
		36	18	20.79	20.85	21.01	22.30
		36	39	20.84	20.88	20.97	22.30
		75	0	20.8	20.8	20.9	22.30
	64QAM	1	0	21.70	21.79	21.71	22.30

		1	38	21.71	21.77	21.75	22.30
		1	74	21.84	21.75	21.83	22.30
		36	0	20.60	20.61	20.52	21.30
		36	18	20.52	20.60	20.67	21.30
		36	39	20.52	20.58	20.48	21.30
		75	0	20.66	20.62	20.68	21.30
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	38	18.85	18.78	18.81	19.30
		1	74	18.74	18.80	18.83	19.30
		36	0	18.88	18.85	18.90	19.30
		36	18	18.71	18.79	18.72	19.30
		36	39	18.85	18.82	18.83	19.30
		75	0	18.79	18.76	18.78	19.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18700					18900	19100	
20MHz	QPSK	1	0	23.21	23.31	23.24	24.30
		1	50	23.21	23.24	23.28	24.30
		1	99	23.36	23.27	23.37	24.30
		50	0	22.27	22.29	22.21	23.30
		50	25	22.18	22.31	22.27	23.30
		50	50	22.27	22.29	22.24	23.30
		100	0	22.23	22.25	22.36	23.30
	16QAM	1	0	22.4	22.61	22.74	23.30
		1	50	22.5	22.37	22.33	23.30
		1	99	22.63	22.58	22.83	23.30
		50	0	21.17	21.27	21.34	22.30
		50	25	21.25	21.23	21.33	22.30
		50	50	21.2	21.39	21.42	22.30
		100	0	21.15	21.19	21.31	22.30
	64QAM	1	0	21.70	21.79	21.71	22.30
		1	50	21.71	21.77	21.75	22.30
		1	99	21.84	21.75	21.83	22.30
		50	0	20.60	20.61	20.52	21.30
		50	25	20.52	20.60	20.67	21.30
		50	50	20.52	20.58	20.48	21.30
		100	0	20.66	20.62	20.68	21.30
	256QAM	1	0	18.77	18.75	18.68	19.30
		1	50	18.85	18.78	18.81	19.30
		1	99	18.74	18.80	18.83	19.30
		50	0	18.88	18.85	18.90	19.30
		50	25	18.71	18.79	18.72	19.30
		50	50	18.85	18.82	18.83	19.30
		100	0	18.79	18.76	18.78	19.30

LTE Band 4 ECI 1/3/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19957	20175	20393			
1.4MHz	QPSK	1	0	23.05	23.02	22.95	24.30		
		1	2	23.07	23.04	22.91	24.30		
		1	5	23.06	22.96	22.95	24.30		
		3	0	23.12	23.06	23.01	24.30		
		3	2	23.17	23.06	22.97	24.30		
		3	3	23.11	23.03	22.9	24.30		
		6	0	22.1	22.05	21.95	23.30		
	16QAM	1	0	22.16	22.34	22.35	23.30		
		1	2	22.54	22.21	21.88	23.30		
		1	5	22.44	22.14	21.87	23.30		
		3	0	22.01	22.1	22.04	23.30		
		3	2	22.22	22.07	21.98	23.30		
		3	3	22.06	22.09	21.91	23.30		
		6	0	21.13	21.12	21.25	22.30		
	64QAM	1	0	21.76	21.69	21.66	22.30		
		1	2	21.74	21.71	21.64	22.30		
		1	5	21.71	21.64	21.75	22.30		
		3	0	21.74	21.81	21.68	22.30		
		3	2	21.77	21.65	21.71	22.30		
		3	3	21.65	21.66	21.69	22.30		
		6	0	20.68	20.51	20.52	21.30		
	256QAM	1	0	18.52	18.57	18.58	19.30		
		1	2	18.58	18.61	18.63	19.30		
		1	5	18.71	18.71	18.66	19.30		
		3	0	18.58	18.71	18.57	19.30		
		3	2	18.58	18.66	18.66	19.30		
		3	3	18.56	18.54	18.54	19.30		
		6	0	18.63	18.70	18.66	19.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
3MHz	QPSK	1	0	23.28	23.1	23.11	24.30		
		1	7	23.13	23.28	23.09	24.30		
		1	14	23.3	23.09	23.11	24.30		
		8	0	22.17	22.2	22.12	23.30		
		8	4	22.23	22.15	22.08	23.30		
		8	7	22.19	22.18	22.09	23.30		
		15	0	22.23	22.07	22.03	23.30		
	16QAM	1	0	22.37	22.24	22.2	23.30		
		1	7	22.67	22.52	22.25	23.30		
		1	14	22.51	22	21.95	23.30		
		8	0	21.34	21.23	21.2	22.30		
		8	4	21.26	21.22	21.14	22.30		
		8	7	21.12	21.16	21.16	22.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19965	20175	20385	

		15	0	21.21	21.14	21.14	22.30	
	64QAM	1	0	21.62	21.73	21.72	22.30	
		1	7	21.78	21.78	21.70	22.30	
		1	14	21.68	21.71	21.61	22.30	
		8	0	20.59	20.76	20.73	21.30	
		8	4	20.61	20.64	20.62	21.30	
		8	7	20.59	20.72	20.62	21.30	
		15	0	20.61	20.51	20.50	21.30	
		256QAM	1	0	18.49	18.62	18.60	19.30
	1		7	18.68	18.72	18.70	19.30	
	1		14	18.61	18.64	18.58	19.30	
	8		0	18.60	18.61	18.74	19.30	
	8		4	18.55	18.65	18.56	19.30	
	8		7	18.65	18.65	18.61	19.30	
	15		0	18.59	18.67	18.73	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up	
5MHz	QPSK	1	0	23.1	23.22	23.1	24.30	
		1	13	23.26	23.3	23.16	24.30	
		1	24	23.23	23.09	23.14	24.30	
		12	0	22.11	22.21	22.12	23.30	
		12	6	22.19	22.24	22.13	23.30	
		12	13	22.13	22.12	22.12	23.30	
		25	0	22.17	22.17	22.11	23.30	
	16QAM	1	0	22.59	22.54	22.12	23.30	
		1	13	22.32	22.36	22.29	23.30	
		1	24	22	22.28	22.12	23.30	
		12	0	21.08	21.19	21.13	22.30	
		12	6	21.16	21.2	21.1	22.30	
		12	13	21.12	21.06	21.07	22.30	
		25	0	21.11	21.14	21.14	22.30	
	64QAM	1	0	21.65	21.70	21.74	22.30	
		1	13	21.77	21.78	21.71	22.30	
		1	24	21.65	21.56	21.75	22.30	
		12	0	20.74	20.72	20.59	21.30	
		12	6	20.65	20.66	20.65	21.30	
		12	13	20.71	20.55	20.74	21.30	
		25	0	20.55	20.65	20.51	21.30	
	256QAM	1	0	18.52	18.59	18.52	19.30	
		1	13	18.66	18.57	18.63	19.30	
		1	24	18.63	18.67	18.63	19.30	
		12	0	18.57	18.57	18.69	19.30	
		12	6	18.60	18.59	18.66	19.30	
		12	13	18.52	18.68	18.66	19.30	
		25	0	18.66	18.67	18.60	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up

10MHz	QPSK	1	0	23.12	23.18	23.11	24.30
		1	25	23.13	23.13	23.28	24.30
		1	49	23.14	23.18	23.12	24.30
		25	0	22.08	22.09	22.14	23.30
		25	13	22.12	22.08	22.14	23.30
		25	25	22.21	22.08	22.24	23.30
		50	0	22.18	22.08	22.25	23.30
	16QAM	1	0	22.38	22.34	22.62	23.30
		1	25	22.26	22.47	22.74	23.30
		1	49	22.47	22.54	22.07	23.30
		25	0	21.14	21.23	21.21	22.30
		25	13	21.23	21.22	21.23	22.30
		25	25	21.24	21.19	21.32	22.30
		50	0	21.21	20.95	21.15	22.30
	64QAM	1	0	21.69	21.80	21.70	22.30
		1	25	21.60	21.67	21.75	22.30
		1	49	21.55	21.62	21.59	22.30
		25	0	20.67	20.61	20.67	21.30
		25	13	20.62	20.59	20.53	21.30
		25	25	20.56	20.60	20.60	21.30
		50	0	20.69	20.50	20.70	21.30
256QAM	1	0	18.68	18.50	18.59	19.30	
	1	25	18.70	18.65	18.58	19.30	
	1	49	18.75	18.60	18.75	19.30	
	25	0	18.58	18.56	18.69	19.30	
	25	13	18.54	18.62	18.67	19.30	
	25	25	18.52	18.67	18.53	19.30	
	50	0	18.59	18.65	18.62	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.22	23.26	23.46	24.30
		1	38	23.4	23.41	23.29	24.30
		1	74	23.21	23.17	23.37	24.30
		36	0	22.31	22.32	22.34	23.30
		36	18	22.35	22.22	22.3	23.30
		36	39	22.19	22.28	22.21	23.30
		75	0	22.31	22.21	22.17	23.30
	16QAM	1	0	22.5	22.48	22.56	23.30
		1	38	22.65	22.16	22.7	23.30
		1	74	22.61	22.67	22.18	23.30
		36	0	21.31	21.28	21.31	22.30
		36	18	21.29	21.27	21.19	22.30
		36	39	21.2	21.27	21.25	22.30
		75	0	21.22	21.22	21.24	22.30
	64QAM	1	0	21.71	21.61	21.75	22.30
		1	38	21.68	21.67	21.73	22.30
		1	74	21.72	21.68	21.58	22.30

		36	0	20.69	20.72	20.63	21.30
		36	18	20.63	20.63	20.60	21.30
		36	39	20.65	20.63	20.73	21.30
		75	0	20.55	20.61	20.52	21.30
	256QAM	1	0	18.65	18.66	18.61	19.30
		1	38	18.61	18.59	18.57	19.30
		1	74	18.73	18.61	18.75	19.30
		36	0	18.67	18.66	18.58	19.30
		36	18	18.64	18.72	18.53	19.30
		36	39	18.54	18.51	18.51	19.30
		75	0	18.70	18.58	18.67	19.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20050					20175	20300	
20MHz	QPSK	1	0	23.38	23.28	23.36	24.30
		1	50	23.45	23.35	23.32	24.30
		1	99	23.24	23.19	23.35	24.30
		50	0	22.32	22.27	22.24	23.30
		50	25	22.26	22.27	22.38	23.30
		50	50	22.38	22.34	22.29	23.30
		100	0	22.25	22.25	22.29	23.30
	16QAM	1	0	22.28	22.76	22.59	23.30
		1	50	22.46	22.56	22.31	23.30
		1	99	22.72	22.26	22.1	23.30
		50	0	21.33	21.39	21.35	22.30
		50	25	21.34	21.22	21.32	22.30
		50	50	21.28	21.28	21.16	22.30
		100	0	21.22	21.26	21.26	22.30
	64QAM	1	0	21.69	21.61	21.66	22.30
		1	50	21.61	21.69	21.66	22.30
		1	99	21.59	21.70	21.55	22.30
		50	0	20.57	20.61	20.67	21.30
		50	25	20.66	20.56	20.67	21.30
		50	50	20.73	20.68	20.63	21.30
		100	0	20.56	20.68	20.58	21.30
	256QAM	1	0	18.53	18.54	18.58	19.30
		1	50	18.66	18.68	18.57	19.30
		1	99	18.69	18.61	18.61	19.30
		50	0	18.66	18.75	18.73	19.30
		50	25	18.61	18.54	18.58	19.30
		50	50	18.67	18.63	18.70	19.30
		100	0	18.69	18.59	18.71	19.30

LTE Band 66 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.58	23.41	23.54	24.30
		1	2	23.54	23.52	23.5	24.30
		1	5	23.67	23.5	23.66	24.30
		3	0	23.41	23.58	23.45	24.30
		3	1	23.41	23.55	23.4	24.30
		3	3	23.59	23.47	23.53	24.30
		6	0	22.51	22.53	22.52	23.30
	16QAM	1	0	22.78	22.78	22.82	23.30
		1	2	22.73	22.72	22.88	23.30
		1	5	22.86	22.87	22.82	23.30
		3	0	22.68	22.69	22.7	23.30
		3	1	22.92	22.98	22.93	23.30
		3	3	22.81	22.71	22.8	23.30
		6	0	21.62	21.68	21.6	22.30
	64QAM	1	0	21.89	21.81	21.71	22.30
		1	2	21.73	21.83	21.70	22.30
		1	5	21.69	21.77	21.74	22.30
		3	0	21.63	21.54	21.64	22.30
		3	1	21.57	21.65	21.70	22.30
		3	3	21.82	21.81	21.88	22.30
		6	0	20.51	20.49	20.50	21.30
	256QAM	1	0	18.75	18.73	18.65	19.30
		1	2	18.68	18.56	18.60	19.30
		1	5	18.69	18.64	18.53	19.30
		3	0	18.72	18.75	18.71	19.30
		3	1	18.76	18.76	18.67	19.30
		3	3	18.59	18.61	18.54	19.30
		6	0	18.59	18.69	18.69	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.43	23.56	23.51	24.30
		1	7	23.41	23.57	23.4	24.30
		1	14	23.55	23.59	23.54	24.30
		8	0	22.68	22.59	22.62	23.30
		8	4	22.52	22.67	22.56	23.30
		8	7	22.59	22.69	22.56	23.30
		15	0	22.54	22.67	22.55	23.30
	16QAM	1	0	22.92	22.9	22.9	23.30
		1	7	22.82	22.82	22.86	23.30
		1	14	22.77	22.79	22.88	23.30
		8	0	21.54	21.59	21.7	22.30
		8	4	21.59	21.5	21.57	22.30
		8	7	21.65	21.63	21.73	22.30
		131987	132322	132657			

		15	0	21.67	21.63	21.72	22.30	
	64QAM	1	0	21.79	21.88	21.72	22.30	
		1	7	21.68	21.83	21.83	22.30	
		1	14	21.79	21.89	21.85	22.30	
		8	0	20.64	20.53	20.71	21.30	
		8	4	20.62	20.49	20.63	21.30	
		8	7	20.55	20.62	20.73	21.30	
		15	0	20.61	20.60	20.54	21.30	
		256QAM	1	0	18.69	18.66	18.75	19.30
	1		7	18.74	18.61	18.56	19.30	
	1		14	18.68	18.70	18.55	19.30	
	8		0	18.70	18.66	18.57	19.30	
	8		4	18.64	18.80	18.62	19.30	
	8		7	18.65	18.54	18.65	19.30	
	15		0	18.65	18.65	18.62	19.30	
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647		
5MHz	QPSK	1	0	23.47	23.46	23.46	24.30	
		1	13	23.59	23.43	23.58	24.30	
		1	24	23.6	23.56	23.57	24.30	
		12	0	22.59	22.61	22.62	23.30	
		12	6	22.66	22.58	22.55	23.30	
		12	13	22.74	22.67	22.69	23.30	
		25	0	22.66	22.68	22.6	23.30	
	16QAM	1	0	22.95	22.86	22.84	23.30	
		1	13	22.86	22.73	22.83	23.30	
		1	24	22.87	22.93	22.86	23.30	
		12	0	21.55	21.56	21.71	22.30	
		12	6	21.67	21.52	21.56	22.30	
		12	13	21.56	21.6	21.63	22.30	
		25	0	21.6	21.63	21.69	22.30	
	64QAM	1	0	21.86	21.82	21.86	22.30	
		1	13	21.67	21.76	21.72	22.30	
		1	24	21.80	21.83	21.87	22.30	
		12	0	20.64	20.57	20.61	21.30	
		12	6	20.50	20.47	20.50	21.30	
		12	13	20.68	20.56	20.65	21.30	
		25	0	20.48	20.45	20.57	21.30	
	256QAM	1	0	18.59	18.68	18.72	19.30	
		1	13	18.65	18.61	18.64	19.30	
		1	24	18.62	18.58	18.59	19.30	
		12	0	18.75	18.68	18.56	19.30	
		12	6	18.61	18.72	18.80	19.30	
		12	13	18.61	18.63	18.62	19.30	
		25	0	18.75	18.60	18.60	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	

10MHz	QPSK	1	0	23.58	23.42	23.46	24.30
		1	25	23.5	23.42	23.59	24.30
		1	49	23.64	23.52	23.63	24.30
		25	0	22.73	22.54	22.73	23.30
		25	13	22.61	22.64	22.53	23.30
		25	25	22.57	22.72	22.7	23.30
		50	0	22.69	22.71	22.51	23.30
	16QAM	1	0	22.78	22.85	22.93	23.30
		1	25	22.73	22.8	22.81	23.30
		1	49	22.78	22.85	22.76	23.30
		25	0	21.6	21.58	21.69	22.30
		25	13	21.66	21.7	21.68	22.30
		25	25	21.72	21.69	21.53	22.30
		50	0	21.66	21.73	21.76	22.30
	64QAM	1	0	21.85	21.72	21.80	22.30
		1	25	21.78	21.72	21.80	22.30
		1	49	21.77	21.88	21.71	22.30
		25	0	20.63	20.59	20.53	21.30
		25	13	20.60	20.66	20.57	21.30
		25	25	20.54	20.73	20.68	21.30
		50	0	20.50	20.50	20.50	21.30
256QAM	1	0	18.62	18.63	18.70	19.30	
	1	25	18.70	18.72	18.75	19.30	
	1	49	18.65	18.61	18.66	19.30	
	25	0	18.61	18.75	18.74	19.30	
	25	13	18.62	18.65	18.61	19.30	
	25	25	18.65	18.58	18.70	19.30	
	50	0	18.58	18.72	18.68	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.59	23.54	23.58	24.30
		1	38	23.42	23.48	23.57	24.30
		1	74	23.55	23.66	23.57	24.30
		36	0	22.56	22.67	22.7	23.30
		36	18	22.7	22.63	22.68	23.30
		36	39	22.73	22.57	22.55	23.30
		75	0	22.65	22.56	22.55	23.30
	16QAM	1	0	22.78	22.8	22.89	23.30
		1	38	22.89	22.8	22.74	23.30
		1	74	22.83	22.87	22.83	23.30
		36	0	21.74	21.62	21.65	22.30
		36	18	21.66	21.61	21.52	22.30
		36	39	21.65	21.57	21.68	22.30
		75	0	21.73	21.75	21.61	22.30
	64QAM	1	0	21.85	21.86	21.90	22.30
		1	38	21.70	21.79	21.79	22.30
		1	74	21.80	21.77	21.71	22.30

		36	0	20.73	20.70	20.61	21.30
		36	18	20.54	20.58	20.49	21.30
		36	39	20.61	20.64	20.73	21.30
		75	0	20.57	20.58	20.59	21.30
	256QAM	1	0	18.63	18.71	18.64	19.30
		1	38	18.67	18.56	18.56	19.30
		1	74	18.58	18.70	18.52	19.30
		36	0	18.63	18.56	18.71	19.30
		36	18	18.64	18.70	18.71	19.30
		36	39	18.57	18.53	18.61	19.30
		75	0	18.58	18.74	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.59	23.53	23.44	24.30
		1	50	23.47	23.55	23.57	24.30
		1	99	23.65	23.52	23.48	24.30
		50	0	22.64	22.68	22.65	23.30
		50	25	22.5	22.63	22.56	23.30
		50	50	22.7	22.63	22.66	23.30
		100	0	22.62	22.7	22.7	23.30
	16QAM	1	0	22.95	22.85	22.8	23.30
		1	50	22.71	22.69	22.89	23.30
		1	99	22.8	22.94	22.78	23.30
		50	0	21.67	21.64	21.73	22.30
		50	25	21.51	21.69	21.53	22.30
		50	50	21.7	21.6	21.56	22.30
		100	0	21.67	21.62	21.64	22.30
	64QAM	1	0	21.75	21.77	21.75	22.30
		1	50	21.76	21.73	21.85	22.30
		1	99	21.73	21.69	21.70	22.30
		50	0	20.71	20.60	20.57	21.30
		50	25	20.54	20.65	20.64	21.30
		50	50	20.65	20.72	20.60	21.30
		100	0	20.58	20.64	20.57	21.30
	256QAM	1	0	18.67	18.67	18.72	19.30
		1	50	18.72	18.70	18.65	19.30
		1	99	18.54	18.57	18.59	19.30
		50	0	18.66	18.71	18.72	19.30
		50	25	18.73	18.65	18.78	19.30
		50	50	18.56	18.70	18.69	19.30
		100	0	18.65	18.62	18.68	19.30

3 Conducted Power of Main Antenna (Ant3)

3.1 Conducted Power of LTE

LTE Band 2 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.35	22.4	22.32	22.80
		1	2	22.36	22.41	22.46	22.80
		1	5	22.33	22.34	22.43	22.80
		3	0	22.25	22.07	22.22	22.80
		3	2	22.2	22.13	22.11	22.80
		3	3	22.28	22.21	22.22	22.80
		6	0	21.45	21.36	21.29	21.80
	16QAM	1	0	21.41	21.55	21.66	21.80
		1	2	21.23	21.46	21.27	21.80
		1	5	21.51	21.75	21.53	21.80
		3	0	21.53	21.38	21.34	21.80
		3	2	21.49	21.41	21.31	21.80
		3	3	21.41	21.33	21.26	21.80
		6	0	20.54	20.4	20.14	20.80
	64QAM	1	0	20.64	20.71	20.61	20.80
		1	2	20.58	20.67	20.61	20.80
		1	5	20.69	20.54	20.62	20.80
		3	0	20.55	20.64	20.58	20.80
		3	2	20.59	20.61	20.72	20.80
		3	3	20.49	20.64	20.51	20.80
		6	0	19.62	19.58	19.60	19.80
	256QAM	1	0	17.68	17.73	17.62	17.80
		1	2	17.48	17.48	17.44	17.80
		1	5	17.51	17.44	17.59	17.80
		3	0	17.68	17.63	17.67	17.80
		3	2	17.52	17.52	17.65	17.80
		3	3	17.49	17.67	17.54	17.80
		6	0	17.63	17.71	17.64	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.39	22.34	22.38	22.80
		1	7	22.35	22.4	22.43	22.80
		1	14	22.35	22.36	22.34	22.80
		8	0	21.4	21.38	21.32	21.80
		8	4	21.42	21.37	21.24	21.80
		8	7	21.43	21.26	21.18	21.80
		15	0	21.37	21.29	21.3	21.80
	16QAM	1	0	21.65	21.34	21.3	21.80
		1	7	21.63	21.32	21.62	21.80
		1	14	21.75	21.19	21.28	21.80
		8	0	20.56	20.53	20.21	20.80

	64QAM	8	4	20.56	20.2	20.38	20.80
		8	7	20.37	20.44	20.36	20.80
		15	0	20.46	20.4	20.39	20.80
		1	0	20.70	20.57	20.68	20.80
		1	7	20.66	20.67	20.71	20.80
		1	14	20.65	20.66	20.61	20.80
		8	0	19.46	19.48	19.55	19.80
		8	4	19.51	19.52	19.54	19.80
		8	7	19.73	19.68	19.50	19.80
	15	0	19.51	19.63	19.65	19.80	
	256QAM	1	0	17.62	17.66	17.64	17.80
		1	7	17.51	17.62	17.54	17.80
		1	14	17.39	17.45	17.44	17.80
		8	0	17.71	17.68	17.56	17.80
		8	4	17.45	17.46	17.52	17.80
		8	7	17.59	17.55	17.58	17.80
		15	0	17.57	17.63	17.61	17.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18625					18900	19175	
5MHz	QPSK	1	0	22.45	22.36	22.31	22.80
		1	13	22.44	22.36	22.32	22.80
		1	24	22.42	22.39	22.33	22.80
		12	0	21.45	21.29	21.25	21.80
		12	6	21.43	21.32	21.3	21.80
		12	13	21.4	21.37	21.37	21.80
		25	0	21.43	21.42	21.27	21.80
	16QAM	1	0	21.57	21.38	21.69	21.80
		1	13	21.69	21.78	21.34	21.80
		1	24	21.3	21.69	21.76	21.80
		12	0	20.38	20.38	20.25	20.80
		12	6	20.44	20.4	20.34	20.80
		12	13	20.43	20.39	20.4	20.80
		25	0	20.46	20.33	20.3	20.80
	64QAM	1	0	20.67	20.66	20.65	20.80
		1	13	20.64	20.57	20.54	20.80
		1	24	20.53	20.65	20.67	20.80
		12	0	19.63	19.61	19.61	19.80
		12	6	19.62	19.67	19.54	19.80
		12	13	19.65	19.58	19.58	19.80
		25	0	19.51	19.54	19.49	19.80
	256QAM	1	0	17.64	17.52	17.57	17.80
		1	13	17.68	17.53	17.53	17.80
		1	24	17.54	17.44	17.59	17.80
		12	0	17.52	17.53	17.64	17.80
		12	6	17.46	17.58	17.60	17.80
		12	13	17.47	17.61	17.59	17.80
		25	0	17.62	17.60	17.63	17.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.46	22.37	22.38	22.80
		1	25	22.36	22.36	22.3	22.80
		1	49	22.48	22.43	22.32	22.80
		25	0	21.48	21.36	21.46	21.80
		25	13	21.42	21.41	21.32	21.80
		25	25	21.36	21.33	21.31	21.80
		50	0	21.51	21.41	21.31	21.80
	16QAM	1	0	21.6	21.43	21.67	21.80
		1	25	21.61	21.25	21.49	21.80
		1	49	21.27	21.21	21.29	21.80
		25	0	20.36	20.46	20.49	20.80
		25	13	20.38	20.49	20.42	20.80
		25	25	20.56	20.35	20.4	20.80
		50	0	20.49	20.39	20.41	20.80
	64QAM	1	0	20.76	20.74	20.68	20.80
		1	25	20.55	20.66	20.72	20.80
		1	49	20.53	20.70	20.54	20.80
		25	0	19.61	19.47	19.53	19.80
		25	13	19.60	19.63	19.54	19.80
		25	25	19.58	19.63	19.60	19.80
		50	0	19.57	19.57	19.58	19.80
	256QAM	1	0	17.67	17.51	17.56	17.80
		1	25	17.45	17.48	17.54	17.80
		1	49	17.45	17.56	17.60	17.80
		25	0	17.54	17.73	17.51	17.80
		25	13	17.57	17.55	17.65	17.80
		25	25	17.52	17.52	17.59	17.80
		50	0	17.56	17.65	17.67	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	22.47	22.43	22.41	22.80
		1	38	22.58	22.55	22.42	22.80
		1	74	22.42	22.34	22.34	22.80
		36	0	21.41	21.42	21.38	21.80
		36	18	21.52	21.39	21.31	21.80
		36	39	21.5	21.36	21.33	21.80
		75	0	21.42	21.4	21.35	21.80
	16QAM	1	0	21.63	21.79	21.72	21.80
		1	38	21.72	21.23	21.48	21.80
		1	74	21.8	21.18	21.3	21.80
		36	0	20.49	20.43	20.46	20.80
		36	18	20.4	20.39	20.31	20.80
		36	39	20.39	20.42	20.47	20.80
		75	0	20.41	20.45	20.31	20.80
	64QAM	1	0	20.72	20.63	20.63	20.80

		1	38	20.64	20.58	20.54	20.80
		1	74	20.64	20.67	20.50	20.80
		36	0	19.58	19.62	19.42	19.80
		36	18	19.48	19.53	19.61	19.80
		36	39	19.58	19.65	19.71	19.80
		75	0	19.54	19.42	19.48	19.80
	256QAM	1	0	17.62	17.61	17.54	17.80
		1	38	17.50	17.61	17.54	17.80
		1	74	17.50	17.62	17.60	17.80
		36	0	17.56	17.59	17.49	17.80
		36	18	17.42	17.67	17.47	17.80
		36	39	17.54	17.57	17.49	17.80
		75	0	17.71	17.66	17.70	17.80
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel
				18700	18900	19100	
20MHz	QPSK	1	0	22.58	22.63	22.50	22.80
		1	50	22.51	22.42	22.37	22.80
		1	99	22.51	22.35	22.49	22.80
		50	0	21.56	21.59	21.47	21.80
		50	25	21.57	21.51	21.49	21.80
		50	50	21.57	21.77	21.52	21.80
		100	0	21.47	21.49	21.58	21.80
	16QAM	1	0	21.73	21.65	21.26	21.80
		1	50	21.71	21.72	21.67	21.80
		1	99	21.35	21.68	21.61	21.80
		50	0	20.61	20.55	20.41	20.80
		50	25	20.59	20.55	20.48	20.80
		50	50	20.49	20.61	20.42	20.80
		100	0	20.55	20.5	20.39	20.80
	64QAM	1	0	20.69	20.59	20.66	20.80
		1	50	20.66	20.57	20.65	20.80
		1	99	20.58	20.61	20.55	20.80
		50	0	19.54	19.66	19.47	19.80
		50	25	19.64	19.46	19.41	19.80
		50	50	19.54	19.57	19.70	19.80
		100	0	19.53	19.65	19.61	19.80
	256QAM	1	0	17.53	17.70	17.72	17.80
		1	50	17.54	17.53	17.56	17.80
		1	99	17.48	17.56	17.56	17.80
		50	0	17.71	17.66	17.67	17.80
		50	25	17.51	17.40	17.61	17.80
		50	50	17.61	17.56	17.58	17.80
		100	0	17.65	17.56	17.61	17.80

LTE Band 2 ECI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	17.85	17.76	17.59	18.30	
		1	2	17.74	17.68	17.58	18.30	
		1	5	17.75	17.69	17.63	18.30	
		3	0	17.8	17.79	17.8	18.30	
		3	2	17.71	17.69	17.61	18.30	
		3	3	17.84	17.88	17.58	18.30	
	16QAM	6	0	17.75	17.69	17.71	18.30	
		1	0	18.16	18.08	18	18.30	
		1	2	18.07	17.97	17.79	18.30	
		1	5	17.99	18	17.89	18.30	
		3	0	17.71	17.73	17.79	18.30	
		3	2	17.79	17.73	17.65	18.30	
	64QAM	3	3	17.78	17.81	17.58	18.30	
		6	0	17.8	17.78	17.61	18.30	
		1	0	17.69	17.66	17.65	18.30	
		1	2	17.69	17.59	17.68	18.30	
		1	5	17.65	17.72	17.60	18.30	
		3	0	17.69	17.67	17.72	18.30	
	256QAM	3	2	17.72	17.74	17.71	18.30	
		3	3	17.72	17.72	17.63	18.30	
		6	0	17.68	17.73	17.71	18.30	
		1	0	17.43	17.61	17.64	17.80	
		1	2	17.45	17.41	17.40	17.80	
		1	5	17.39	17.44	17.42	17.80	
3MHz	QPSK	3	0	17.53	17.58	17.57	17.80	
		3	2	17.41	17.26	17.45	17.80	
3		3	17.49	17.45	17.55	17.80		
6		0	17.60	17.43	17.48	17.80		
16QAM		1	0	17.86	17.79	17.66	18.30	
		1	7	17.71	17.7	17.51	18.30	
	1	14	17.68	17.66	17.59	18.30		
	8	0	17.83	17.82	17.81	18.30		
	8	4	17.68	17.75	17.62	18.30		
	8	7	17.81	17.87	17.67	18.30		
	15	0	17.76	17.76	17.58	18.30		
	1	0	18.07	18.08	18.03	18.30		
	1	7	18	17.91	17.89	18.30		
	1	14	18.05	17.98	17.91	18.30		
16QAM	8	0	17.74	17.78	17.83	18.30		
	8	4	17.75	17.75	17.66	18.30		
	8	7	17.79	17.79	17.61	18.30		
	15	0	17.75	17.72	17.6	18.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	

	64QAM	1	0	17.63	17.67	17.66	18.30	
		1	7	17.76	17.71	17.69	18.30	
		1	14	17.69	17.65	17.59	18.30	
		8	0	17.74	17.73	17.73	18.30	
		8	4	17.69	17.62	17.76	18.30	
		8	7	17.64	17.72	17.64	18.30	
		15	0	17.65	17.71	17.73	18.30	
	256QAM	1	0	17.43	17.61	17.65	17.80	
		1	7	17.42	17.41	17.45	17.80	
		1	14	17.38	17.46	17.47	17.80	
		8	0	17.60	17.57	17.52	17.80	
		8	4	17.49	17.30	17.48	17.80	
		8	7	17.49	17.46	17.50	17.80	
		15	0	17.61	17.40	17.49	17.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	17.82	17.76	17.63	18.30	
		1	13	17.68	17.72	17.49	18.30	
		1	24	17.71	17.69	17.68	18.30	
		12	0	17.82	17.85	17.76	18.30	
		12	6	17.72	17.72	17.62	18.30	
		12	13	17.76	17.76	17.62	18.30	
		25	0	17.71	17.76	17.62	18.30	
	16QAM	1	0	18.04	18.09	17.99	18.30	
		1	13	18.03	17.97	17.84	18.30	
		1	24	18.04	18.04	18	18.30	
		12	0	17.73	17.78	17.71	18.30	
		12	6	17.74	17.72	17.65	18.30	
		12	13	17.72	17.76	17.62	18.30	
		25	0	17.77	17.71	17.65	18.30	
	64QAM	1	0	17.58	17.66	17.66	18.30	
		1	13	17.71	17.65	17.64	18.30	
		1	24	17.71	17.73	17.63	18.30	
		12	0	17.73	17.69	17.68	18.30	
		12	6	17.64	17.60	17.72	18.30	
		12	13	17.62	17.72	17.65	18.30	
		25	0	17.67	17.68	17.69	18.30	
	256QAM	1	0	17.46	17.62	17.65	17.80	
		1	13	17.48	17.37	17.40	17.80	
		1	24	17.37	17.44	17.46	17.80	
		12	0	17.53	17.52	17.50	17.80	
		12	6	17.45	17.32	17.44	17.80	
		12	13	17.52	17.40	17.51	17.80	
		25	0	17.59	17.45	17.53	17.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	1	0	17.83	17.83	17.72	18.30	
		1	25	17.67	17.68	17.53	18.30	

		1	49	17.75	17.66	17.63	18.30	
		25	0	17.8	17.8	17.66	18.30	
		25	13	17.73	17.75	17.63	18.30	
		25	25	17.76	17.78	17.59	18.30	
		50	0	17.82	17.7	17.61	18.30	
	16QAM	1	0	18.12	18.06	18.02	18.30	
		1	25	18.05	18.02	17.82	18.30	
		1	49	18.05	18.04	18.01	18.30	
		25	0	17.74	17.84	17.79	18.30	
		25	13	17.72	17.74	17.67	18.30	
		25	25	17.73	17.89	17.68	18.30	
	64QAM	50	0	17.76	17.65	17.61	18.30	
		1	0	17.63	17.61	17.65	18.30	
		1	25	17.66	17.62	17.70	18.30	
		1	49	17.72	17.66	17.63	18.30	
		25	0	17.75	17.71	17.70	18.30	
		25	13	17.65	17.70	17.73	18.30	
		25	25	17.66	17.74	17.62	18.30	
	256QAM	50	0	17.69	17.62	17.72	18.30	
		1	0	17.48	17.62	17.67	17.80	
		1	25	17.48	17.39	17.40	17.80	
		1	49	17.36	17.47	17.48	17.80	
		25	0	17.55	17.51	17.57	17.80	
		25	13	17.48	17.30	17.50	17.80	
		25	25	17.52	17.43	17.51	17.80	
	50	0	17.55	17.42	17.50	17.80		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
15MHz	QPSK	1	0	17.83	17.79	17.73	18.30	
		1	38	17.68	17.75	17.55	18.30	
		1	74	17.78	17.67	17.69	18.30	
		36	0	17.73	17.81	17.73	18.30	
		36	18	17.66	17.73	17.63	18.30	
		36	39	17.8	17.84	17.63	18.30	
		75	0	17.79	17.72	17.65	18.30	
	16QAM	1	0	18.08	18.03	18.02	18.30	
		1	38	17.99	17.97	17.85	18.30	
		1	74	18.07	17.91	17.99	18.30	
		36	0	17.82	17.78	17.76	18.30	
		36	18	17.75	17.7	17.74	18.30	
		36	39	17.72	17.83	17.59	18.30	
		75	0	17.76	17.77	17.63	18.30	
	64QAM	1	0	17.62	17.70	17.67	18.30	
		1	38	17.62	17.66	17.75	18.30	
		1	74	17.67	17.66	17.65	18.30	
		36	0	17.66	17.75	17.70	18.30	
		36	18	17.74	17.65	17.75	18.30	
		36	39	17.69	17.68	17.69	18.30	

		75	0	17.63	17.61	17.70	18.30
	256QAM	1	0	17.44	17.60	17.69	17.80
		1	38	17.46	17.39	17.45	17.80
		1	74	17.36	17.51	17.45	17.80
		36	0	17.61	17.59	17.56	17.80
		36	18	17.49	17.30	17.47	17.80
		36	39	17.53	17.38	17.55	17.80
		75	0	17.55	17.47	17.55	17.80
		75	0	17.55	17.47	17.55	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.86	17.85	17.69	18.30
		1	50	17.79	17.73	17.59	18.30
		1	99	17.76	17.74	17.71	18.30
		50	0	17.8	17.82	17.8	18.30
		50	25	17.76	17.8	17.7	18.30
		50	50	17.83	17.87	17.66	18.30
		100	0	17.77	17.82	17.71	18.30
	16QAM	1	0	18.18	18.18	18.09	18.30
		1	50	18.06	18	17.92	18.30
		1	99	18.05	18.08	17.99	18.30
		50	0	17.81	17.85	17.82	18.30
		50	25	17.83	17.8	17.69	18.30
		50	50	17.81	17.9	17.68	18.30
		100	0	17.79	17.75	17.66	18.30
	64QAM	1	0	17.71	17.72	17.71	18.30
		1	50	17.77	17.66	17.73	18.30
		1	99	17.78	17.80	17.66	18.30
		50	0	17.80	17.72	17.78	18.30
		50	25	17.71	17.76	17.77	18.30
		50	50	17.71	17.80	17.67	18.30
		100	0	17.74	17.74	17.75	18.30
	256QAM	1	0	17.52	17.68	17.70	17.80
		1	50	17.49	17.44	17.48	17.80
		1	99	17.45	17.52	17.50	17.80
		50	0	17.62	17.60	17.59	17.80
		50	25	17.50	17.34	17.53	17.80
		50	50	17.55	17.47	17.56	17.80
		100	0	17.62	17.48	17.57	17.80

LTE Band 4 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.02	22.8	22.77	23.30
		1	2	22.95	22.7	22.72	23.30
		1	5	22.91	22.71	22.76	23.30
		3	0	22.71	22.58	22.53	23.30
		3	2	22.71	22.54	22.6	23.30
		3	3	22.69	22.59	22.51	23.30
		6	0	21.97	21.81	21.73	22.30
	16QAM	1	0	22.15	21.62	21.89	22.30
		1	2	22.12	22.06	21.77	22.30
		1	5	22.18	22.2	22.1	22.30
		3	0	21.96	21.85	21.72	22.30
		3	2	21.88	21.68	21.57	22.30
		3	3	21.97	21.61	21.69	22.30
		6	0	21.02	20.92	20.65	21.30
	64QAM	1	0	21.15	21.22	21.19	21.30
		1	2	21.09	21.26	21.30	21.30
		1	5	21.15	21.22	21.12	21.30
		3	0	21.06	21.28	21.09	21.30
		3	2	21.20	21.12	21.19	21.30
		3	3	21.14	21.24	21.09	21.30
		6	0	20.04	20.04	20.10	20.30
	256QAM	1	0	18.00	18.07	17.97	18.30
		1	2	18.18	18.03	18.08	18.30
		1	5	18.24	18.15	18.22	18.30
		3	0	17.89	17.92	17.92	18.30
		3	2	17.97	17.84	17.84	18.30
		3	3	17.90	17.92	17.80	18.30
		6	0	17.98	17.95	17.89	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.08	22.95	22.73	23.30
		1	7	22.84	22.88	22.74	23.30
		1	14	23.09	22.94	22.73	23.30
		8	0	21.93	21.82	21.71	22.30
		8	4	21.89	21.83	21.68	22.30
		8	7	21.94	21.72	21.66	22.30
		15	0	21.93	21.81	21.67	22.30
	16QAM	1	0	22.17	22.05	21.72	22.30
		1	7	22.13	21.71	21.52	22.30
		1	14	22.23	22.12	22.11	22.30
		8	0	20.99	20.73	20.88	21.30
		8	4	20.77	20.92	20.75	21.30
		8	7	21.14	20.89	20.84	21.30
		19965	20175	20385			

		15	0	20.99	20.83	20.67	21.30
	64QAM	1	0	21.17	21.10	21.12	21.30
		1	7	21.14	21.11	21.21	21.30
		1	14	21.22	21.21	21.12	21.30
		8	0	19.97	20.04	19.93	20.30
		8	4	19.98	20.00	19.94	20.30
		8	7	19.96	19.99	19.98	20.30
		15	0	19.87	19.99	20.01	20.30
	256QAM	1	0	17.92	17.98	18.03	18.30
		1	7	18.12	18.08	18.08	18.30
		1	14	18.19	18.18	18.07	18.30
		8	0	17.90	17.93	17.94	18.30
		8	4	17.87	18.00	17.94	18.30
		8	7	17.86	17.92	17.88	18.30
		15	0	18.00	17.95	18.00	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.95	22.9	22.8	23.30
		1	13	23.01	22.76	22.72	23.30
		1	24	23.04	22.94	22.78	23.30
		12	0	22.06	21.73	21.74	22.30
		12	6	21.99	21.93	21.63	22.30
		12	13	22.04	21.79	21.76	22.30
		25	0	22.05	21.87	21.73	22.30
	16QAM	1	0	22.2	22.03	22.03	22.30
		1	13	22.17	21.95	21.62	22.30
		1	24	22.06	21.9	21.77	22.30
		12	0	20.94	20.72	20.73	21.30
		12	6	20.96	20.85	20.6	21.30
		12	13	20.88	20.92	20.7	21.30
		25	0	21.01	20.83	20.76	21.30
	64QAM	1	0	21.21	21.13	21.19	21.30
		1	13	21.12	21.19	21.12	21.30
		1	24	21.23	21.08	21.19	21.30
		12	0	19.89	19.96	20.01	20.30
		12	6	19.97	19.96	19.98	20.30
		12	13	19.99	20.13	19.95	20.30
		25	0	20.06	19.87	20.01	20.30
	256QAM	1	0	17.97	18.00	18.00	18.30
		1	13	18.11	18.14	18.21	18.30
		1	24	18.12	18.19	18.13	18.30
		12	0	17.95	17.90	18.03	18.30
		12	6	18.02	17.95	17.84	18.30
		12	13	17.98	17.88	18.02	18.30
		25	0	18.00	18.02	18.08	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	

10MHz	QPSK	1	0	23.02	22.83	22.74	23.30
		1	25	23.08	22.86	22.73	23.30
		1	49	23.01	22.84	22.72	23.30
		25	0	21.88	21.94	21.78	22.30
		25	13	22	21.87	21.71	22.30
		25	25	22.07	21.82	21.8	22.30
		50	0	21.99	21.85	21.81	22.30
	16QAM	1	0	22.25	21.91	22.13	22.30
		1	25	22.04	22.19	22.01	22.30
		1	49	22.1	22.2	21.89	22.30
		25	0	21.03	20.95	20.72	21.30
		25	13	20.93	20.97	20.7	21.30
		25	25	20.97	20.76	20.74	21.30
		50	0	20.86	20.77	20.73	21.30
	64QAM	1	0	21.26	21.10	21.10	21.30
		1	25	21.20	21.25	21.19	21.30
		1	49	21.21	21.27	21.08	21.30
		25	0	19.94	19.93	20.03	20.30
		25	13	20.03	19.98	19.95	20.30
		25	25	19.96	20.04	20.00	20.30
		50	0	20.05	19.94	20.07	20.30
256QAM	1	0	18.05	17.95	18.08	18.30	
	1	25	18.15	18.13	18.15	18.30	
	1	49	18.12	18.11	18.18	18.30	
	25	0	17.92	17.94	17.91	18.30	
	25	13	17.95	17.83	17.98	18.30	
	25	25	18.01	17.96	17.95	18.30	
	50	0	17.92	18.05	18.04	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.98	22.8	22.71	23.30
		1	38	22.95	22.7	22.95	23.30
		1	74	23.07	23.02	22.75	23.30
		36	0	22.08	21.78	21.85	22.30
		36	18	22.04	21.8	21.83	22.30
		36	39	21.95	21.77	21.79	22.30
		75	0	21.91	21.92	21.74	22.30
	16QAM	1	0	22.1	21.8	22.26	22.30
		1	38	22.11	22.02	21.96	22.30
		1	74	21.88	22.13	22.14	22.30
		36	0	20.93	20.89	20.85	21.30
		36	18	21.05	20.87	20.77	21.30
		36	39	20.97	20.85	20.82	21.30
		75	0	20.89	20.88	20.78	21.30
	64QAM	1	0	21.14	21.18	21.09	21.30
		1	38	21.09	21.26	21.13	21.30
		1	74	21.11	21.22	21.12	21.30

		36	0	19.88	20.07	19.93	20.30	
		36	18	20.06	19.98	20.06	20.30	
		36	39	19.98	20.11	20.00	20.30	
		75	0	19.94	20.05	19.95	20.30	
	256QAM	1	0	18.12	18.12	18.03	18.30	
		1	38	18.10	18.16	17.97	18.30	
		1	74	18.07	18.07	18.06	18.30	
		36	0	17.93	18.05	18.03	18.30	
		36	18	18.04	17.96	17.84	18.30	
		36	39	17.93	17.93	18.03	18.30	
		75	0	17.98	17.93	18.08	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	23.19	23.03	22.97	23.30	
		1	50	23	23.04	22.99	23.30	
		1	99	23.13	22.84	22.83	23.30	
		50	0	22.16	21.84	21.98	22.30	
		50	25	22.02	22	21.96	22.30	
		50	50	22.14	21.97	21.99	22.30	
		100	0	22.01	22.04	21.94	22.30	
	16QAM	1	0	22.26	21.96	22.3	22.30	
		1	50	22.13	22.25	22.29	22.30	
		1	99	22.18	22.11	22.08	22.30	
		50	0	21.05	20.95	20.89	21.30	
		50	25	20.97	21.02	20.79	21.30	
		50	50	20.97	20.85	21	21.30	
		100	0	21.04	20.93	20.88	21.30	
	64QAM	1	0	21.17	21.23	21.23	21.30	
		1	50	21.18	21.17	21.18	21.30	
		1	99	21.14	21.18	21.24	21.30	
		50	0	20.04	20.02	20.02	20.30	
		50	25	20.00	19.93	19.90	20.30	
		50	50	20.04	20.03	20.05	20.30	
		100	0	20.09	20.03	20.00	20.30	
	256QAM	1	0	18.08	18.05	18.13	18.30	
		1	50	18.05	18.09	18.11	18.30	
		1	99	18.24	18.12	18.11	18.30	
		50	0	18.06	17.86	17.96	18.30	
		50	25	17.90	17.89	17.95	18.30	
		50	50	17.89	17.98	17.89	18.30	
		100	0	18.11	17.95	17.96	18.30	

LTE Band 4 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.17	20.09	20.1	20.30
		1	2	20.19	20.08	20.02	20.30
		1	5	20.22	20.04	20	20.30
		3	0	20.15	20.18	20.13	20.30
		3	2	20.15	20.06	20.06	20.30
		3	3	20.18	20.12	20.11	20.30
		6	0	20.22	20.05	20.12	20.30
	16QAM	1	0	20.2	20.01	20.06	20.30
		1	2	20.15	20.02	20.08	20.30
		1	5	20.08	20.01	19.93	20.30
		3	0	20.18	20.18	20.15	20.30
		3	2	20.17	20.09	20.11	20.30
		3	3	20.15	20.15	20.09	20.30
		6	0	20.16	20.08	20.04	20.30
	64QAM	1	0	20.19	20.04	20.01	20.30
		1	2	20.14	20.05	20.07	20.30
		1	5	20.10	20.01	20.01	20.30
		3	0	20.12	20.04	19.97	20.30
		3	2	20.12	20.07	20.00	20.30
		3	3	20.11	20.06	20.00	20.30
		6	0	20.10	20.09	19.97	20.30
	256QAM	1	0	17.94	18.02	18.00	18.30
		1	2	17.97	17.98	18.01	18.30
		1	5	18.14	17.96	18.00	18.30
		3	0	17.88	17.72	17.85	18.30
		3	2	17.86	17.80	17.83	18.30
		3	3	17.79	17.87	17.78	18.30
		6	0	17.98	17.84	17.81	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.18	20.05	20.04	20.30
		1	7	20.16	20.09	20.08	20.30
		1	14	20.2	20.06	20.02	20.30
		8	0	20.19	20.17	20.13	20.30
		8	4	20.17	20.14	20.07	20.30
		8	7	20.16	20.08	20.09	20.30
		15	0	20.16	20.13	20.11	20.30
	16QAM	1	0	20.17	20.05	20.03	20.30
		1	7	20.11	20.06	20.02	20.30
		1	14	20.12	20.02	19.95	20.30
		8	0	20.17	20.18	20.09	20.30
		8	4	20.12	20.07	20.04	20.30
		8	7	20.21	20.07	20.11	20.30
		19965	20175	20385			

		15	0	20.2	20.07	20.06	20.30
	64QAM	1	0	20.13	20.00	19.97	20.30
		1	7	20.14	20.06	20.04	20.30
		1	14	20.11	20.03	20.04	20.30
		8	0	20.16	20.02	20.00	20.30
		8	4	20.19	20.08	19.98	20.30
		8	7	20.12	20.11	20.00	20.30
		15	0	20.10	20.04	19.95	20.30
	256QAM	1	0	17.97	17.98	18.02	18.30
		1	7	17.97	17.99	17.98	18.30
		1	14	18.10	17.98	18.00	18.30
		8	0	17.94	17.79	17.78	18.30
		8	4	17.81	17.82	17.86	18.30
		8	7	17.83	17.90	17.75	18.30
		15	0	17.99	17.88	17.81	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.18	20.11	20.11	20.30
		1	13	20.17	20.11	20.02	20.30
		1	24	20.2	20.11	20.01	20.30
		12	0	20.17	20.2	20.08	20.30
		12	6	20.16	20.06	20.1	20.30
		12	13	20.16	20.08	20.05	20.30
		25	0	20.2	20.1	20.1	20.30
	16QAM	1	0	20.17	20.08	20.01	20.30
		1	13	20.13	20.01	20.05	20.30
		1	24	20.1	20	19.99	20.30
		12	0	20.16	20.11	20.08	20.30
		12	6	20.13	20.08	20.03	20.30
		12	13	20.17	20.14	20.08	20.30
		25	0	20.21	20.05	20.09	20.30
	64QAM	1	0	20.19	20.00	19.98	20.30
		1	13	20.11	20.03	20.04	20.30
		1	24	20.13	19.99	20.00	20.30
		12	0	20.11	20.09	19.95	20.30
		12	6	20.17	20.07	20.01	20.30
		12	13	20.08	20.06	19.94	20.30
		25	0	20.11	20.11	20.02	20.30
	256QAM	1	0	17.98	17.97	18.06	18.30
		1	13	17.98	18.05	17.99	18.30
		1	24	18.13	17.96	18.03	18.30
		12	0	17.89	17.80	17.78	18.30
		12	6	17.82	17.75	17.88	18.30
		12	13	17.80	17.86	17.75	18.30
		25	0	17.97	17.84	17.85	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	

10MHz	QPSK	1	0	20.17	20.07	20.03	20.30
		1	25	20.19	20.09	20.01	20.30
		1	49	20.19	20.08	19.98	20.30
		25	0	20.15	20.13	20.1	20.30
		25	13	20.12	20.1	20.08	20.30
		25	25	20.18	20.06	20.07	20.30
		50	0	20.16	20.1	20.12	20.30
	16QAM	1	0	20.2	20.02	20.04	20.30
		1	25	20.13	20.08	20.01	20.30
		1	49	20.15	20.04	19.93	20.30
		25	0	20.13	20.13	20.1	20.30
		25	13	20.19	20.04	20.08	20.30
		25	25	20.14	20.07	20.04	20.30
		50	0	20.22	20.06	20.1	20.30
	64QAM	1	0	20.21	20.02	19.96	20.30
		1	25	20.13	20.00	20.02	20.30
		1	49	20.15	20.00	20.04	20.30
		25	0	20.15	20.04	19.98	20.30
		25	13	20.13	20.08	19.93	20.30
		25	25	20.11	20.09	19.98	20.30
		50	0	20.06	20.03	20.01	20.30
256QAM	1	0	17.97	18.01	18.00	18.30	
	1	25	17.98	17.98	17.99	18.30	
	1	49	18.17	17.96	18.04	18.30	
	25	0	17.88	17.79	17.86	18.30	
	25	13	17.85	17.82	17.89	18.30	
	25	25	17.80	17.84	17.79	18.30	
	50	0	18.01	17.91	17.87	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.18	20.13	20.1	20.30
		1	38	20.17	20.07	20.03	20.30
		1	74	20.19	20.1	20.02	20.30
		36	0	20.22	20.16	20.14	20.30
		36	18	20.11	20.07	20.12	20.30
		36	39	20.16	20.04	20.1	20.30
		75	0	20.16	20.06	20.09	20.30
	16QAM	1	0	20.23	20	20.07	20.30
		1	38	20.16	20.04	20.01	20.30
		1	74	20.13	20.05	19.99	20.30
		36	0	20.21	20.15	20.08	20.30
		36	18	20.15	20.09	20.1	20.30
		36	39	20.18	20.09	20.12	20.30
		75	0	20.14	20.07	20.1	20.30
	64QAM	1	0	20.18	20.05	19.98	20.30
		1	38	20.14	19.99	20.08	20.30
		1	74	20.17	20.02	20.04	20.30

		36	0	20.19	20.07	19.95	20.30	
		36	18	20.16	20.02	19.94	20.30	
		36	39	20.12	20.06	19.99	20.30	
		75	0	20.12	20.07	19.94	20.30	
	256QAM	1	0	18.00	17.97	18.03	18.30	
		1	38	17.95	18.04	17.96	18.30	
		1	74	18.14	18.02	18.04	18.30	
		36	0	17.94	17.75	17.82	18.30	
		36	18	17.83	17.80	17.87	18.30	
		36	39	17.82	17.89	17.72	18.30	
		75	0	17.98	17.84	17.81	18.30	
		Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300
	20MHz	QPSK	1	0	20.25	20.14	20.12	20.30
1			50	20.2	20.15	20.09	20.30	
1			99	20.27	20.12	20.06	20.30	
50			0	20.23	20.21	20.16	20.30	
50			25	20.19	20.15	20.13	20.30	
50			50	20.23	20.13	20.12	20.30	
100			0	20.23	20.14	20.13	20.30	
16QAM		1	0	20.25	20.09	20.1	20.30	
		1	50	20.19	20.09	20.1	20.30	
		1	99	20.17	20.09	20.01	20.30	
		50	0	20.22	20.19	20.16	20.30	
		50	25	20.2	20.13	20.12	20.30	
		50	50	20.23	20.16	20.13	20.30	
		100	0	20.23	20.14	20.11	20.30	
64QAM		1	0	20.22	20.07	20.02	20.30	
		1	50	20.19	20.07	20.09	20.30	
		1	99	20.19	20.08	20.09	20.30	
		50	0	20.20	20.11	20.04	20.30	
		50	25	20.21	20.11	20.02	20.30	
		50	50	20.15	20.12	20.03	20.30	
		100	0	20.14	20.12	20.03	20.30	
256QAM		1	0	18.03	18.03	18.09	18.30	
		1	50	17.99	18.07	18.03	18.30	
		1	99	18.19	18.05	18.08	18.30	
		50	0	17.97	17.81	17.87	18.30	
		50	25	17.88	17.83	17.92	18.30	
		50	50	17.86	17.91	17.81	18.30	
		100	0	18.06	17.92	17.90	18.30	

LTE Band 30 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	12.52	12.6	12.56	13.30
		1	13	12.53	12.57	12.53	13.30
		1	24	12.47	12.54	12.51	13.30
		12	0	12.45	12.43	12.44	13.30
		12	6	12.52	12.5	12.47	13.30
		12	13	12.47	12.42	12.45	13.30
		25	0	12.52	12.49	12.53	13.30
	16QAM	1	0	12.53	12.57	12.53	13.30
		1	13	12.54	12.51	12.6	13.30
		1	24	12.52	12.49	12.49	13.30
		12	0	12.42	12.48	12.44	13.30
		12	6	12.55	12.47	12.56	13.30
		12	13	12.48	12.45	12.45	13.30
		25	0	12.46	12.43	12.51	13.30
	64QAM	1	0	12.54	12.55	12.52	13.30
		1	13	12.43	12.52	12.50	13.30
		1	24	12.50	12.56	12.45	13.30
		12	0	12.52	12.50	12.48	13.30
		12	6	12.47	12.50	12.48	13.30
		12	13	12.38	12.43	12.43	13.30
		25	0	12.45	12.44	12.39	13.30
	256QAM	1	0	12.46	12.43	12.49	13.30
		1	13	12.54	12.49	12.50	13.30
		1	24	12.55	12.52	12.47	13.30
		12	0	12.54	12.53	12.55	13.30
		12	6	12.45	12.46	12.53	13.30
		12	13	12.51	12.50	12.56	13.30
		25	0	12.54	12.53	12.51	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	\	12.55	\	13.30
		1	25	\	12.53	\	13.30
		1	49	\	12.51	\	13.30
		25	0	\	12.51	\	13.30
		25	13	\	12.53	\	13.30
		25	25	\	12.47	\	13.30
		50	0	\	12.51	\	13.30
	16QAM	1	0	\	12.55	\	13.30
		1	25	\	12.59	\	13.30
		1	49	\	12.54	\	13.30
		25	0	\	12.47	\	13.30
		25	13	\	12.54	\	13.30

		25	25	\	12.47	\	13.30
		50	0	\	12.48	\	13.30
	64QAM	1	0	\	12.55	\	13.30
		1	25	\	12.58	\	13.30
		1	49	\	12.58	\	13.30
		25	0	\	12.55	\	13.30
		25	13	\	12.50	\	13.30
		25	25	\	12.46	\	13.30
		50	0	\	12.49	\	13.30
	256QAM	1	0	\	12.54	\	13.30
		1	25	\	12.57	\	13.30
		1	49	\	12.57	\	13.30
		25	0	\	12.54	\	13.30
		25	13	\	12.50	\	13.30
25		25	\	12.56	\	13.30	
50		0	\	12.51	\	13.30	

LTE Band 30 ECI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	20.1	20.09	20.09	20.80
		1	13	20.01	20.01	20.06	20.80
		1	24	20.12	20.09	20.06	20.80
		12	0	20.07	20.09	20.08	20.80
		12	6	20.13	20.1	20.07	20.80
		12	13	20	20.04	20.04	20.80
		25	0	20.12	20.16	20.18	20.80
	16QAM	1	0	20.06	20.07	20.07	20.80
		1	13	20.05	20.11	20.06	20.80
		1	24	20.05	20.12	20.04	20.80
		12	0	20.26	20.22	20.22	20.80
		12	6	20.29	20.23	20.29	20.80
		12	13	20.08	20.11	20.06	20.80
		25	0	20.07	20.11	20.13	20.80
	64QAM	1	0	20.14	20.19	20.13	20.80
		1	13	20.16	20.18	20.15	20.80
		1	24	20.24	20.27	20.24	20.80
		12	0	19.22	19.20	19.19	19.80
		12	6	19.28	19.29	19.31	19.80
		12	13	19.18	19.14	19.14	19.80
		25	0	19.26	19.30	19.24	19.80
	256QAM	1	0	17.30	17.26	17.32	17.80
		1	13	17.35	17.34	17.32	17.80
		1	24	17.29	17.29	17.24	17.80
		12	0	17.31	17.30	17.27	17.80
		12	6	17.30	17.22	17.30	17.80

		12	13	17.26	17.27	17.26	17.80
		25	0	17.33	17.35	17.29	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	27710	\	
10MHz	QPSK	1	0	\	20.35	\	20.80
		1	25	\	20.14	\	20.80
		1	49	\	20.08	\	20.80
		25	0	\	20.20	\	20.80
		25	13	\	20.11	\	20.80
		25	25	\	20.06	\	20.80
		50	0	\	20.13	\	20.80
	16QAM	1	0	\	20.08	\	20.80
		1	25	\	20.08	\	20.80
		1	49	\	20.11	\	20.80
		25	0	\	20.33	\	20.80
		25	13	\	20.28	\	20.80
		25	25	\	20.07	\	20.80
		50	0	\	20.17	\	20.80
	64QAM	1	0	\	20.22	\	20.80
		1	25	\	20.26	\	20.80
		1	49	\	20.30	\	20.80
		25	0	\	19.25	\	19.80
		25	13	\	19.34	\	19.80
		25	25	\	19.19	\	19.80
		50	0	\	19.31	\	19.80
	256QAM	1	0	\	17.35	\	17.80
		1	25	\	17.36	\	17.80
		1	49	\	17.31	\	17.80
		25	0	\	17.33	\	17.80
		25	13	\	17.31	\	17.80
		25	25	\	17.32	\	17.80
		50	0	\	17.36	\	17.80

LTE Band 30 ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	17.17	17.22	17.2	17.80
		1	13	17.14	17.17	17.12	17.80
		1	24	17.14	17.11	17.11	17.80
		12	0	17.04	17.05	17.05	17.80
		12	6	17.09	17.09	17.14	17.80
		12	13	17.14	17.1	17.12	17.80
		25	0	17.09	17.1	17.16	17.80
	16QAM	1	0	17.08	17.11	17.13	17.80
		1	13	17.12	17.13	17.17	17.80
		1	24	17.05	17.07	17.02	17.80
		12	0	17.18	17.13	17.13	17.80
		12	6	17.19	17.15	17.19	17.80
		12	13	17.19	17.17	17.16	17.80
		25	0	16.95	17	16.96	17.80
	64QAM	1	0	17.11	17.11	17.07	17.80
		1	13	17.17	17.14	17.12	17.80
		1	24	17.13	17.14	17.10	17.80
		12	0	17.17	17.14	17.15	17.80
		12	6	17.08	17.09	17.16	17.80
		12	13	17.11	17.07	17.14	17.80
		25	0	17.01	16.98	17.04	17.80
	256QAM	1	0	17.13	17.16	17.16	17.80
		1	13	17.17	17.12	17.14	17.80
		1	24	17.16	17.08	17.11	17.80
		12	0	17.21	17.16	17.17	17.80
		12	6	17.18	17.13	17.13	17.80
		12	13	17.17	17.18	17.17	17.80
		25	0	17.10	17.10	17.15	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	27710	\	
10MHz	QPSK	1	0	\	17.24	\	17.80
		1	25	\	17.18	\	17.80
		1	49	\	17.17	\	17.80
		25	0	\	17.11	\	17.80
		25	13	\	17.15	\	17.80
		25	25	\	17.19	\	17.80
		50	0	\	17.17	\	17.80
	16QAM	1	0	\	17.17	\	17.80
		1	25	\	17.2	\	17.80
		1	49	\	17.09	\	17.80
		25	0	\	17.2	\	17.80
25		13	\	17.22	\	17.80	

		25	25	\	17.2	\	17.80
		50	0	\	17.03	\	17.80
	64QAM	1	0	\	17.15	\	17.80
		1	25	\	17.21	\	17.80
		1	49	\	17.15	\	17.80
		25	0	\	17.2	\	17.80
		25	13	\	17.17	\	17.80
		25	25	\	17.15	\	17.80
		50	0	\	17.05	\	17.80
	256QAM	1	0	\	17.2	\	17.80
		1	25	\	17.18	\	17.80
		1	49	\	17.17	\	17.80
		25	0	\	17.22	\	17.80
		25	13	\	17.2	\	17.80
25		25	\	17.2	\	17.80	
50		0	\	17.18	\	17.80	

LTE Band 66 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.12	23.09	23.02	23.30
		1	2	23.02	23.04	22.95	23.30
		1	5	23.15	23.04	23.11	23.30
		3	0	22.99	22.84	22.85	23.30
		3	1	22.73	22.88	22.76	23.30
		3	3	22.9	22.91	22.94	23.30
		6	0	22.15	22.03	21.94	22.30
	16QAM	1	0	22.24	22.06	22.25	22.30
		1	2	22.16	22.1	22.07	22.30
		1	5	22.1	22.22	22.11	22.30
		3	0	22.18	21.98	22.11	22.30
		3	1	22.28	22.16	22.09	22.30
		3	3	22.02	22.12	22.18	22.30
		6	0	21.14	21.09	21.04	21.30
	64QAM	1	0	21.04	21.16	21.13	21.30
		1	2	21.09	21.12	21.08	21.30
		1	5	21.19	20.98	21.02	21.30
		3	0	21.11	21.14	21.11	21.30
		3	1	21.17	21.03	21.11	21.30
		3	3	21.26	20.89	21.13	21.30
		6	0	20.15	20.06	20.21	20.30
	256QAM	1	0	17.97	18.14	18.06	18.30
		1	2	18.23	18.02	18.20	18.30
		1	5	18.14	18.19	17.95	18.30

		3	0	18.23	18.12	18.20	18.30	
		3	1	17.98	18.10	17.93	18.30	
		3	3	18.21	18.07	18.15	18.30	
		6	0	18.02	18.01	17.97	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	23.12	23.09	23.02	23.30	
		1	7	23.02	23.04	22.95	23.30	
		1	14	23.16	23.04	23.11	23.30	
		8	0	22.22	22.27	22.26	22.30	
		8	4	22.06	21.94	22.01	22.30	
		8	7	22.14	22.18	22.05	22.30	
		15	0	22.14	22.06	21.94	22.30	
	16QAM	1	0	22.22	22.08	22.22	22.30	
		1	7	22.19	22.14	22.04	22.30	
		1	14	22.07	22.16	22.14	22.30	
		8	0	21.04	21.15	20.9	21.30	
		8	4	21.05	21.1	21.03	21.30	
		8	7	20.99	21.15	21.15	21.30	
		15	0	21.16	21.1	21	21.30	
	64QAM	1	0	21.01	21.16	21.09	21.30	
		1	7	21.07	21.10	21.08	21.30	
		1	14	21.16	20.94	21.06	21.30	
		8	0	20.03	20.06	20.08	20.30	
		8	4	19.86	20.11	20.11	20.30	
		8	7	20.05	20.10	20.16	20.30	
		15	0	20.15	20.04	20.20	20.30	
	256QAM	1	0	18.01	18.17	18.04	18.30	
		1	7	18.21	18.09	18.20	18.30	
		1	14	18.17	18.18	17.99	18.30	
		8	0	18.22	18.14	18.14	18.30	
		8	4	17.99	18.14	17.96	18.30	
		8	7	18.18	18.05	18.14	18.30	
		15	0	18.02	17.97	17.96	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	5MHz	QPSK	1	0	23.06	23.05	23.05	23.30
			1	13	23.01	22.99	22.96	23.30
			1	24	23.06	23.08	23	23.30
			12	0	22.13	22.28	22.22	22.30
			12	6	22.15	22.11	22.12	22.30
			12	13	21.96	22.07	22.15	22.30
25			0	22.18	22.07	22.04	22.30	
16QAM		1	0	22.2	22.11	22.14	22.30	
		1	13	22.16	22.25	21.98	22.30	
		1	24	22.12	22.09	22.21	22.30	
		12	0	21.2	21.11	20.98	21.30	

	64QAM	12	6	20.89	21.07	20.95	21.30	
		12	13	20.91	21.09	20.98	21.30	
		25	0	21.04	21.07	20.89	21.30	
		1	0	21.06	21.24	21.03	21.30	
		1	13	21.23	21.05	21.04	21.30	
		1	24	21.09	20.97	20.98	21.30	
		12	0	20.02	20.01	19.94	20.30	
		12	6	19.82	20.07	19.97	20.30	
		12	13	20.06	19.98	20.09	20.30	
	25	0	20.10	20.04	20.04	20.30		
	256QAM	1	0	18.04	18.13	17.98	18.30	
		1	13	18.21	18.18	18.09	18.30	
		1	24	18.17	18.06	18.05	18.30	
		12	0	18.15	18.01	18.09	18.30	
		12	6	18.06	18.08	18.12	18.30	
		12	13	18.21	17.99	18.03	18.30	
		25	0	18.08	17.96	17.93	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	23.17	23.06	22.97	23.30
1			25	23.15	22.97	22.91	23.30	
1			49	23.16	23.02	22.99	23.30	
25			0	22.09	22.18	22.1	22.30	
25			13	22.13	22.13	22.05	22.30	
25			25	22.07	22.18	22.22	22.30	
50			0	22.04	22.12	21.88	22.30	
16QAM		1	0	22.24	22.17	22.2	22.30	
		1	25	22.28	22.18	22	22.30	
		1	49	22.01	22.11	22.25	22.30	
		25	0	21.14	21.12	20.98	21.30	
		25	13	20.99	21.05	20.96	21.30	
		25	25	20.92	21.13	21.01	21.30	
		50	0	21.08	21.1	21.02	21.30	
64QAM		1	0	21.08	21.21	21.13	21.30	
		1	25	21.17	21.06	20.90	21.30	
		1	49	21.19	21.11	21.06	21.30	
		25	0	20.05	20.11	20.03	20.30	
		25	13	20.01	19.88	20.09	20.30	
		25	25	20.04	20.00	20.08	20.30	
		50	0	20.23	20.09	20.08	20.30	
256QAM		1	0	18.13	18.07	18.06	18.30	
		1	25	18.12	18.20	18.07	18.30	
		1	49	18.14	18.16	18.00	18.30	
		25	0	18.23	18.06	18.10	18.30	
		25	13	18.08	18.02	17.93	18.30	
		25	25	18.14	18.06	18.04	18.30	
		50	0	18.16	18.05	17.94	18.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.13	23.08	23.12	23.30
		1	38	23.15	22.97	23.02	23.30
		1	74	23.12	23.17	23.18	23.30
		36	0	22.19	22.08	22.12	22.30
		36	18	22.11	22.07	22.03	22.30
		36	39	22.01	22.18	22.19	22.30
		75	0	22.18	22.07	22.03	22.30
	16QAM	1	0	22.24	22.21	22.15	22.30
		1	38	22.3	22.19	22.11	22.30
		1	74	22.04	22.23	22.17	22.30
		36	0	21.2	21.04	21.07	21.30
		36	18	21	21.1	20.9	21.30
		36	39	20.97	21.13	20.99	21.30
		75	0	21.04	21.07	20.88	21.30
	64QAM	1	0	21.08	21.17	21.07	21.30
		1	38	21.25	21.16	21.03	21.30
		1	74	21.06	20.98	21.16	21.30
		36	0	20.00	20.15	20.03	20.30
		36	18	20.01	19.95	20.11	20.30
		36	39	20.09	20.01	20.04	20.30
		75	0	20.03	20.01	20.22	20.30
	256QAM	1	0	18.09	18.07	17.97	18.30
		1	38	18.23	18.18	18.25	18.30
		1	74	17.99	18.13	17.99	18.30
		36	0	18.29	18.05	18.26	18.30
		36	18	17.97	18.16	17.95	18.30
		36	39	18.03	17.96	18.17	18.30
		75	0	18.01	18.11	18.07	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.07	23.08	23.07	23.30
		1	50	23.1	23.05	22.99	23.30
		1	99	23.15	23.08	23.08	23.30
		50	0	22.14	22.11	22.16	22.30
		50	25	22.15	22.07	22.04	22.30
		50	50	22.05	22.12	22.13	22.30
		100	0	22.11	22.05	21.99	22.30
	16QAM	1	0	22.19	22.17	22.16	22.30
		1	50	22.27	22.17	22.04	22.30
		1	99	22.04	22.12	22.25	22.30
		50	0	21.16	21.08	21	21.30
		50	25	20.95	21.01	21.02	21.30
		50	50	21.03	21.05	21	21.30
		100	0	21.11	21.01	20.96	21.30
	64QAM	1	0	21.08	21.11	21.10	21.30

		1	50	21.15	21.04	20.95	21.30
		1	99	21.07	21.06	21.06	21.30
		50	0	19.98	20.04	20.08	20.30
		50	25	19.90	20.00	20.06	20.30
		50	50	20.15	20.06	20.01	20.30
		100	0	20.11	20.06	20.15	20.30
	256QAM	1	0	18.09	18.09	18.04	18.30
		1	50	18.17	18.12	18.16	18.30
		1	99	18.10	18.12	18.09	18.30
		50	0	18.19	18.04	18.17	18.30
		50	25	18.06	18.06	18.03	18.30
		50	50	18.11	18.07	18.12	18.30
		100	0	18.05	18.07	18.01	18.30

LTE Band 66 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.57	19.54	19.5	20.30
		1	2	19.46	19.46	19.44	20.30
		1	5	19.45	19.52	19.5	20.30
		3	0	19.6	19.51	19.57	20.30
		3	1	19.49	19.49	19.56	20.30
		3	3	19.48	19.54	19.57	20.30
		6	0	19.51	19.53	19.53	20.30
	16QAM	1	0	19.86	19.86	19.85	20.30
		1	2	19.8	19.82	19.77	20.30
		1	5	19.78	19.77	19.68	20.30
		3	0	19.54	19.53	19.58	20.30
		3	1	19.56	19.52	19.55	20.30
		3	3	19.54	19.57	19.55	20.30
		6	0	19.53	19.52	19.56	20.30
	64QAM	1	0	18.50	18.53	18.46	20.30
		1	2	18.49	18.55	18.50	20.30
		1	5	18.45	18.51	18.53	20.30
		3	0	18.50	18.44	18.54	20.30
		3	1	18.54	18.50	18.50	20.30
		3	3	18.57	18.50	18.47	20.30
		6	0	18.46	18.56	18.49	20.30
	256QAM	1	0	18.14	18.12	18.04	18.30
		1	2	18.12	18.16	18.15	18.30
		1	5	18.14	18.09	18.11	18.30
		3	0	18.11	18.03	18.04	18.30
		3	1	18.10	18.08	18.10	18.30
		3	3	18.12	18.08	18.10	18.30
		6	0	18.10	18.09	18.07	18.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.61	19.53	19.54	20.30
		1	7	19.46	19.52	19.43	20.30
		1	14	19.44	19.53	19.47	20.30
		8	0	19.54	19.57	19.51	20.30
		8	4	19.54	19.54	19.55	20.30
		8	7	19.49	19.48	19.5	20.30
		15	0	19.52	19.54	19.55	20.30
	16QAM	1	0	19.82	19.84	19.84	20.30
		1	7	19.75	19.81	19.79	20.30
		1	14	19.72	19.82	19.69	20.30
		8	0	19.56	19.58	19.54	20.30
		8	4	19.58	19.53	19.56	20.30
		8	7	19.52	19.49	19.58	20.30
		15	0	19.57	19.5	19.57	20.30
	64QAM	1	0	18.47	18.54	18.50	20.30
		1	7	18.51	18.51	18.47	20.30
		1	14	18.45	18.51	18.47	20.30
		8	0	18.52	18.45	18.46	20.30
		8	4	18.55	18.48	18.48	20.30
		8	7	18.55	18.53	18.51	20.30
		15	0	18.42	18.50	18.47	20.30
	256QAM	1	0	18.14	18.12	18.09	18.30
		1	7	18.15	18.15	18.12	18.30
		1	14	18.10	18.07	18.10	18.30
		8	0	18.09	18.06	18.07	18.30
		8	4	18.05	18.07	18.12	18.30
		8	7	18.11	18.09	18.17	18.30
		15	0	18.12	18.10	18.05	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19.59	19.52	19.58	20.30
		1	13	19.51	19.44	19.48	20.30
		1	24	19.42	19.46	19.5	20.30
		12	0	19.58	19.55	19.52	20.30
		12	6	19.54	19.53	19.55	20.30
		12	13	19.51	19.55	19.5	20.30
		25	0	19.49	19.53	19.53	20.30
	16QAM	1	0	19.87	19.84	19.83	20.30
		1	13	19.73	19.8	19.77	20.30
		1	24	19.79	19.8	19.72	20.30
		12	0	19.57	19.51	19.52	20.30
		12	6	19.5	19.55	19.56	20.30
		12	13	19.51	19.49	19.52	20.30
		25	0	19.54	19.5	19.54	20.30
	64QAM	1	0	18.47	18.56	18.47	20.30

		1	13	18.48	18.57	18.48	20.30
		1	24	18.47	18.53	18.49	20.30
		12	0	18.56	18.45	18.53	20.30
		12	6	18.50	18.45	18.48	20.30
		12	13	18.57	18.48	18.52	20.30
		25	0	18.48	18.55	18.48	20.30
	256QAM	1	0	18.13	18.07	18.11	18.30
		1	13	18.08	18.14	18.16	18.30
		1	24	18.14	18.13	18.08	18.30
		12	0	18.16	18.05	18.06	18.30
		12	6	18.05	18.10	18.08	18.30
		12	13	18.16	18.07	18.10	18.30
		25	0	18.08	18.05	18.08	18.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132022	132322	132622	
10MHz	QPSK	1	0	19.57	19.52	19.54	20.30
		1	25	19.51	19.47	19.46	20.30
		1	49	19.43	19.46	19.47	20.30
		25	0	19.53	19.51	19.52	20.30
		25	13	19.48	19.51	19.5	20.30
		25	25	19.52	19.53	19.54	20.30
		50	0	19.55	19.49	19.58	20.30
	16QAM	1	0	19.83	19.83	19.82	20.30
		1	25	19.77	19.79	19.8	20.30
		1	49	19.73	19.81	19.7	20.30
		25	0	19.52	19.58	19.57	20.30
		25	13	19.53	19.53	19.52	20.30
		25	25	19.51	19.54	19.53	20.30
		50	0	19.55	19.5	19.58	20.30
	64QAM	1	0	18.48	18.57	18.44	20.30
		1	25	18.50	18.52	18.52	20.30
		1	49	18.51	18.53	18.48	20.30
		25	0	18.56	18.51	18.49	20.30
		25	13	18.54	18.49	18.51	20.30
		25	25	18.54	18.48	18.46	20.30
		50	0	18.46	18.51	18.47	20.30
	256QAM	1	0	18.10	18.10	18.11	18.30
		1	25	18.11	18.14	18.16	18.30
		1	49	18.08	18.11	18.08	18.30
		25	0	18.11	18.04	18.08	18.30
		25	13	18.06	18.03	18.08	18.30
		25	25	18.18	18.12	18.14	18.30
		50	0	18.12	18.03	18.11	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.6	19.59	19.56	20.30
		1	38	19.49	19.45	19.46	20.30

		1	74	19.41	19.46	19.46	20.30	
		36	0	19.54	19.52	19.51	20.30	
		36	18	19.5	19.51	19.52	20.30	
		36	39	19.5	19.55	19.53	20.30	
		75	0	19.52	19.48	19.52	20.30	
	16QAM	1	0	19.86	19.79	19.83	20.30	
		1	38	19.78	19.76	19.73	20.30	
		1	74	19.78	19.83	19.74	20.30	
		36	0	19.58	19.54	19.56	20.30	
		36	18	19.54	19.57	19.5	20.30	
		36	39	19.54	19.56	19.53	20.30	
		75	0	19.54	19.52	19.51	20.30	
	64QAM	1	0	18.52	18.57	18.46	20.30	
		1	38	18.50	18.52	18.48	20.30	
		1	74	18.47	18.49	18.47	20.30	
		36	0	18.54	18.47	18.48	20.30	
		36	18	18.53	18.47	18.47	20.30	
		36	39	18.54	18.47	18.50	20.30	
		75	0	18.47	18.57	18.50	20.30	
	256QAM	1	0	18.09	18.06	18.06	18.30	
		1	38	18.12	18.16	18.14	18.30	
		1	74	18.06	18.14	18.08	18.30	
		36	0	18.13	18.05	18.09	18.30	
		36	18	18.09	18.03	18.05	18.30	
		36	39	18.11	18.07	18.15	18.30	
		75	0	18.09	18.04	18.11	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	19.63	19.61	19.59	20.30
1			50	19.54	19.53	19.52	20.30	
1			99	19.49	19.54	19.53	20.30	
50			0	19.61	19.6	19.59	20.30	
50			25	19.57	19.57	19.57	20.30	
50			50	19.56	19.57	19.59	20.30	
100			0	19.58	19.56	19.59	20.30	
16QAM		1	0	19.89	19.88	19.86	20.30	
		1	50	19.82	19.83	19.81	20.30	
		1	99	19.81	19.84	19.77	20.30	
		50	0	19.6	19.6	19.6	20.30	
		50	25	19.59	19.6	19.58	20.30	
		50	50	19.59	19.58	19.59	20.30	
		100	0	19.58	19.56	19.59	20.30	
64QAM		1	0	18.53	18.58	18.52	20.30	
		1	50	18.53	18.59	18.55	20.30	
		1	99	18.53	18.57	18.56	20.30	
		50	0	18.59	18.52	18.55	20.30	
		50	25	18.58	18.54	18.56	20.30	

		50	50	18.59	18.54	18.53	20.30
		100	0	18.51	18.59	18.51	20.30
	256QAM	1	0	18.17	18.13	18.13	18.30
		1	50	18.17	18.18	18.18	18.30
		1	99	18.15	18.16	18.13	18.30
		50	0	18.18	18.11	18.13	18.30
		50	25	18.11	18.12	18.14	18.30
		50	50	18.19	18.13	18.18	18.30
		100	0	18.13	18.11	18.14	18.30

4 Conducted Power of Main Antenna (Ant5)

4.1 Conducted Power of LTE

LTE Band 48 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	23.33	23.61	23.3	23.80
		1	13	23.37	23.66	23.62	23.80
		1	24	23.52	23.74	23.7	23.80
		12	0	22.59	22.8	22.57	22.80
		12	6	22.36	22.69	22.6	22.80
		12	13	22.62	22.71	22.51	22.80
		25	0	22.46	22.61	22.33	22.80
	16QAM	1	0	22.48	22.66	22.57	22.80
		1	13	22.6	22.75	22.46	22.80
		1	24	22.66	22.64	22.35	22.80
		12	0	21.58	21.8	21.58	21.80
		12	6	21.26	21.72	21.52	21.80
		12	13	21.62	21.78	21.38	21.80
		25	0	21.58	21.7	21.58	21.80
	64QAM	1	0	21.08	21.37	21.15	21.80
		1	13	21.05	21.31	21.09	21.80
		1	24	21.26	21.45	21.18	21.80
		12	0	20.54	20.72	20.51	20.80
		12	6	20.48	20.78	20.66	20.80
		12	13	20.34	20.73	20.42	20.80
		25	0	20.49	20.67	20.48	20.80
	256QAM	1	0	18.53	18.67	18.34	18.80
		1	13	18.37	18.50	18.42	18.80
		1	24	18.36	18.57	18.41	18.80
		12	0	18.36	18.45	18.40	18.80
		12	6	18.35	18.56	18.37	18.80
		12	13	18.30	18.64	18.47	18.80
		25	0	18.35	18.62	18.41	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	23.36	23.74	23.41	23.80
		1	25	23.47	23.73	23.62	23.80
		1	49	23.44	23.64	23.67	23.80
		25	0	22.54	22.77	22.66	22.80
		25	13	22.5	22.73	22.71	22.80
		25	25	22.45	22.64	22.51	22.80
		50	0	22.64	22.68	22.36	22.80
	16QAM	1	0	22.46	22.79	22.67	22.80
		1	25	22.68	22.67	22.56	22.80
		1	49	22.64	22.63	22.35	22.80
		25	0	21.57	21.69	21.57	21.80

	64QAM	25	13	21.42	21.69	21.51	21.80
		25	25	21.47	21.74	21.43	21.80
		50	0	21.63	21.66	21.6	21.80
		1	0	21.11	21.39	21.22	21.80
		1	25	21.06	21.44	20.99	21.80
		1	49	21.14	21.45	21.25	21.80
		25	0	20.62	20.68	20.68	20.80
		25	13	20.51	20.64	20.64	20.80
		25	25	20.54	20.73	20.54	20.80
	50	0	20.51	20.76	20.42	20.80	
	256QAM	1	0	18.35	18.62	18.45	18.80
		1	25	18.30	18.49	18.36	18.80
		1	49	18.41	18.55	18.52	18.80
		25	0	18.53	18.52	18.50	18.80
		25	13	18.42	18.61	18.50	18.80
		25	25	18.27	18.45	18.36	18.80
		50	0	18.40	18.64	18.31	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				55315	55990	56665	
15MHz	QPSK	1	0	23.4	23.69	23.39	23.80
		1	38	23.48	23.74	23.61	23.80
		1	74	23.5	23.63	23.53	23.80
		36	0	22.48	22.69	22.5	22.80
		36	18	22.46	22.75	22.65	22.80
		36	39	22.44	22.76	22.54	22.80
		75	0	22.53	22.69	22.36	22.80
	16QAM	1	0	22.43	22.74	22.69	22.80
		1	38	22.6	22.71	22.51	22.80
		1	74	22.66	22.67	22.55	22.80
		36	0	21.55	21.74	21.47	21.80
		36	18	21.36	21.67	21.33	21.80
		36	39	21.54	21.73	21.5	21.80
		75	0	21.55	21.73	21.61	21.80
	64QAM	1	0	21.02	21.35	21.25	21.80
		1	38	21.07	21.40	21.11	21.80
		1	74	21.14	21.27	21.14	21.80
		36	0	20.45	20.75	20.49	20.80
		36	18	20.57	20.79	20.64	20.80
		36	39	20.37	20.70	20.50	20.80
		75	0	20.53	20.66	20.45	20.80
	256QAM	1	0	18.43	18.49	18.48	18.80
		1	38	18.29	18.63	18.54	18.80
		1	74	18.39	18.69	18.33	18.80
		36	0	18.38	18.55	18.42	18.80
		36	18	18.30	18.53	18.50	18.80
		36	39	18.39	18.55	18.31	18.80
		75	0	18.51	18.65	18.44	18.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	23.42	23.7	23.39	23.80
		1	50	23.45	23.68	23.56	23.80
		1	99	23.49	23.66	23.61	23.80
		50	0	22.49	22.74	22.57	22.80
		50	25	22.44	22.72	22.61	22.80
		50	50	22.54	22.67	22.47	22.80
		100	0	22.54	22.69	22.43	22.80
	16QAM	1	0	22.48	22.76	22.63	22.80
		1	50	22.58	22.77	22.47	22.80
		1	99	22.58	22.72	22.45	22.80
		50	0	21.5	21.7	21.49	21.80
		50	25	21.36	21.65	21.43	21.80
		50	50	21.56	21.78	21.48	21.80
		100	0	21.6	21.75	21.62	21.80
	64QAM	1	0	21.12	21.35	21.20	21.80
		1	50	21.13	21.35	21.05	21.80
		1	99	21.19	21.37	21.24	21.80
		50	0	20.53	20.71	20.59	20.80
		50	25	20.53	20.72	20.58	20.80
		50	50	20.44	20.68	20.52	20.80
		100	0	20.44	20.66	20.41	20.80
	256QAM	1	0	18.45	18.59	18.39	18.80
		1	50	18.32	18.57	18.45	18.80
		1	99	18.31	18.60	18.42	18.80
		50	0	18.44	18.55	18.40	18.80
		50	25	18.34	18.58	18.44	18.80
		50	50	18.36	18.55	18.41	18.80
		100	0	18.42	18.61	18.37	18.80

LTE Band 48 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	16.29	16.97	16.32	17.30
		1	13	16.82	16.8	16.87	17.30
		1	24	16.78	16.8	16.82	17.30
		12	0	16.85	16.79	16.8	17.30
		12	6	16.78	16.83	16.79	17.30
		12	13	16.81	16.82	16.8	17.30
		25	0	16.82	16.79	16.79	17.30
	16QAM	1	0	16.81	16.81	16.77	17.30
		1	13	16.87	16.85	16.76	17.30
		1	24	16.85	16.84	16.8	17.30
		12	0	16.77	16.81	16.81	17.30
		12	6	16.78	16.8	16.74	17.30
		12	13	16.83	16.82	16.8	17.30
		25	0	16.86	16.81	16.77	17.30
	64QAM	1	0	16.88	16.86	16.77	17.30
		1	13	16.82	16.78	16.82	17.30
		1	24	16.79	16.76	16.78	17.30
		12	0	16.85	16.87	16.82	17.30
		12	6	16.80	16.81	16.81	17.30
		12	13	16.84	16.76	16.84	17.30
		25	0	16.81	16.76	16.82	17.30
	256QAM	1	0	16.74	16.82	16.81	17.30
		1	13	16.76	16.81	16.82	17.30
		1	24	16.82	16.88	16.76	17.30
		12	0	16.79	16.78	16.84	17.30
		12	6	16.85	16.81	16.81	17.30
		12	13	16.78	16.88	16.86	17.30
		25	0	16.83	16.86	16.83	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.33	17.01	16.27	17.30
		1	25	16.77	16.83	16.84	17.30
		1	49	16.77	16.79	16.8	17.30
		25	0	16.84	16.78	16.84	17.30
		25	13	16.81	16.81	16.77	17.30
		25	25	16.8	16.85	16.83	17.30
		50	0	16.78	16.8	16.82	17.30
	16QAM	1	0	16.81	16.84	16.8	17.30
		1	25	16.8	16.8	16.82	17.30
		1	49	16.84	16.83	16.8	17.30
		25	0	16.78	16.88	16.77	17.30
		25	13	16.8	16.76	16.77	17.30
		25	25	16.82	16.83	16.76	17.30
		50	0	16.78	16.8	16.82	17.30
		50	25	16.82	16.83	16.76	17.30

		50	0	16.79	16.8	16.79	17.30
	64QAM	1	0	16.88	16.80	16.76	17.30
		1	25	16.80	16.79	16.81	17.30
		1	49	16.86	16.84	16.80	17.30
		25	0	16.80	16.84	16.81	17.30
		25	13	16.84	16.82	16.73	17.30
		25	25	16.84	16.78	16.83	17.30
		50	0	16.82	16.81	16.85	17.30
	256QAM	1	0	16.77	16.86	16.80	17.30
		1	25	16.82	16.84	16.81	17.30
		1	49	16.74	16.84	16.75	17.30
		25	0	16.79	16.84	16.85	17.30
		25	13	16.81	16.78	16.76	17.30
		25	25	16.80	16.85	16.85	17.30
		50	0	16.83	16.86	16.83	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	16.34	16.94	16.32	17.30
		1	38	16.8	16.88	16.85	17.30
		1	74	16.75	16.76	16.8	17.30
		36	0	16.79	16.79	16.81	17.30
		36	18	16.84	16.81	16.79	17.30
		36	39	16.85	16.84	16.81	17.30
		75	0	16.84	16.79	16.85	17.30
	16QAM	1	0	16.83	16.85	16.79	17.30
		1	38	16.8	16.81	16.78	17.30
		1	74	16.81	16.84	16.82	17.30
		36	0	16.79	16.86	16.77	17.30
		36	18	16.78	16.8	16.77	17.30
		36	39	16.83	16.83	16.78	17.30
		75	0	16.79	16.75	16.79	17.30
	64QAM	1	0	16.85	16.86	16.80	17.30
		1	38	16.84	16.81	16.77	17.30
		1	74	16.87	16.83	16.76	17.30
		36	0	16.84	16.89	16.87	17.30
		36	18	16.83	16.87	16.79	17.30
		36	39	16.87	16.75	16.77	17.30
		75	0	16.79	16.81	16.84	17.30
	256QAM	1	0	16.76	16.83	16.82	17.30
		1	38	16.75	16.83	16.78	17.30
		1	74	16.76	16.84	16.78	17.30
		36	0	16.84	16.78	16.85	17.30
		36	18	16.85	16.83	16.76	17.30
		36	39	16.77	16.84	16.85	17.30
		75	0	16.83	16.86	16.83	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	

20MHz	QPSK	1	0	16.36	17.03	16.33	17.30
		1	50	16.84	16.89	16.89	17.30
		1	99	16.86	16.84	16.91	17.30
		50	0	16.87	16.87	16.86	17.30
		50	25	16.86	16.91	16.86	17.30
		50	50	16.87	16.92	16.88	17.30
		100	0	16.85	16.85	16.88	17.30
	16QAM	1	0	16.88	16.88	16.86	17.30
		1	50	16.88	16.89	16.84	17.30
		1	99	16.88	16.87	16.84	17.30
		50	0	16.82	16.89	16.86	17.30
		50	25	16.86	16.83	16.82	17.30
		50	50	16.87	16.84	16.83	17.30
		100	0	16.87	16.84	16.86	17.30
	64QAM	1	0	16.89	16.89	16.83	17.30
		1	50	16.88	16.83	16.83	17.30
		1	99	16.88	16.85	16.82	17.30
		50	0	16.88	16.90	16.88	17.30
		50	25	16.86	16.89	16.82	17.30
		50	50	16.88	16.83	16.86	17.30
		100	0	16.88	16.82	16.89	17.30
	256QAM	1	0	16.83	16.88	16.83	17.30
		1	50	16.83	16.87	16.87	17.30
		1	99	16.83	16.89	16.83	17.30
		50	0	16.88	16.87	16.89	17.30
		50	25	16.89	16.86	16.82	17.30
		50	50	16.84	16.90	16.88	17.30
		100	0	16.83	16.86	16.83	17.30

5 Conducted Power of ENDC_LTE

5.1 Conducted Power of LTE (Ant1)

LTE Band 30 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	22.48	22.42	22.51	22.80
		1	13	22.55	22.53	22.49	22.80
		1	24	22.52	22.56	22.54	22.80
		12	0	21.41	21.31	21.43	21.80
		12	6	21.45	21.39	21.44	21.80
		12	13	21.44	21.49	21.40	21.80
		25	0	21.48	21.44	21.45	21.80
	16QAM	1	0	21.51	21.48	21.56	21.80
		1	13	21.56	21.53	21.54	21.80
		1	24	21.57	21.65	21.60	21.80
		12	0	20.42	20.40	20.44	20.80
		12	6	20.43	20.46	20.44	20.80
		12	13	20.40	20.50	20.43	20.80
		25	0	20.44	20.42	20.45	20.80
	64QAM	1	0	20.45	20.47	20.50	20.80
		1	13	20.50	20.51	20.47	20.80
		1	24	20.49	20.54	20.53	20.80
		12	0	19.41	19.45	19.41	19.80
		12	6	19.42	19.44	19.45	19.80
		12	13	19.39	19.47	19.39	19.80
		25	0	19.45	19.48	19.43	19.80
	256QAM	1	0	17.33	17.35	17.37	17.80
		1	13	17.40	17.39	17.36	17.80
		1	24	17.37	17.38	17.41	17.80
		12	0	17.41	17.37	17.43	17.80
		12	6	17.41	17.39	17.45	17.80
		12	13	17.43	17.54	17.40	17.80
		25	0	17.44	17.46	17.47	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	\	22.44	\	22.80
		1	25	\	22.51	\	22.80
		1	49	\	22.53	\	22.80
		25	0	\	21.37	\	21.80
		25	13	\	21.41	\	21.80
		25	25	\	21.46	\	21.80
		50	0	\	21.45	\	21.80
	16QAM	1	0	\	21.50	\	21.80
		1	25	\	21.57	\	21.80
		1	49	\	21.59	\	21.80
		25	0	\	20.39	\	20.80
		25	13	\	20.43	\	20.80
		25	25	\	20.48	\	20.80
		25	25	\	20.48	\	20.80

	64QAM	50	0	\	20.45	\	20.80
		1	0	\	20.46	\	20.80
		1	25	\	20.50	\	20.80
		1	49	\	20.49	\	20.80
		25	0	\	19.42	\	19.80
		25	13	\	19.46	\	19.80
		25	25	\	19.49	\	19.80
	256QAM	50	0	\	19.44	\	19.80
		1	0	\	17.32	\	17.80
		1	25	\	17.38	\	17.80
		1	49	\	17.39	\	17.80
		25	0	\	17.42	\	17.80
		25	13	\	17.45	\	17.80
		25	25	\	17.51	\	17.80
		50	0	\	17.49	\	17.80

LTE Band 30 ECI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	21.45	21.39	21.52	21.80
		1	13	21.51	21.57	21.54	21.80
		1	24	21.53	21.54	21.50	21.80
		12	0	21.41	21.31	21.43	21.80
		12	6	21.45	21.39	21.44	21.80
		12	13	21.44	21.49	21.40	21.80
		25	0	21.48	21.44	21.45	21.80
	16QAM	1	0	21.51	21.48	21.56	21.80
		1	13	21.56	21.53	21.54	21.80
		1	24	21.57	21.65	21.60	21.80
		12	0	20.42	20.40	20.44	20.80
		12	6	20.43	20.46	20.44	20.80
		12	13	20.40	20.50	20.43	20.80
		25	0	20.44	20.42	20.45	20.80
	64QAM	1	0	20.45	20.47	20.50	20.80
		1	13	20.50	20.51	20.47	20.80
		1	24	20.49	20.54	20.53	20.80
		12	0	19.41	19.45	19.41	19.80
		12	6	19.42	19.44	19.45	19.80
		12	13	19.39	19.47	19.39	19.80
		25	0	19.45	19.48	19.43	19.80
	256QAM	1	0	17.33	17.35	17.37	17.80
		1	13	17.40	17.39	17.36	17.80
		1	24	17.37	17.38	17.41	17.80
		12	0	17.41	17.37	17.43	17.80
		12	6	17.41	17.39	17.45	17.80
		12	13	17.43	17.54	17.40	17.80
		25	0	17.44	17.46	17.47	17.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	27710	\	
10MHz	QPSK	1	0	\	21.43	\	21.80
		1	25	\	21.50	\	21.80
		1	49	\	21.52	\	21.80
		25	0	\	21.37	\	21.80
		25	13	\	21.41	\	21.80
		25	25	\	21.46	\	21.80
		50	0	\	21.45	\	21.80
	16QAM	1	0	\	21.50	\	21.80
		1	25	\	21.57	\	21.80
		1	49	\	21.59	\	21.80
		25	0	\	20.39	\	20.80
		25	13	\	20.43	\	20.80
		25	25	\	20.48	\	20.80
		50	0	\	20.45	\	20.80
	64QAM	1	0	\	20.46	\	20.80
		1	25	\	20.50	\	20.80
		1	49	\	20.49	\	20.80
		25	0	\	19.42	\	19.80
		25	13	\	19.46	\	19.80
		25	25	\	19.49	\	19.80
		50	0	\	19.44	\	19.80
	256QAM	1	0	\	17.32	\	17.80
		1	25	\	17.38	\	17.80
		1	49	\	17.39	\	17.80
		25	0	\	17.42	\	17.80
		25	13	\	17.45	\	17.80
		25	25	\	17.51	\	17.80
		50	0	\	17.49	\	17.80

LTE Band 30 ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	20.47	20.33	20.42	20.80
		1	13	20.59	20.57	20.42	20.80
		1	24	20.57	20.65	20.61	20.80
		12	0	20.58	20.52	20.51	20.80
		12	6	20.62	20.56	20.46	20.80
		12	13	20.56	20.41	20.57	20.80
		25	0	20.54	20.57	20.44	20.80
	16QAM	1	0	20.49	20.40	20.54	20.80
		1	13	20.48	20.60	20.57	20.80
		1	24	20.43	20.51	20.51	20.80
		12	0	20.42	20.40	20.44	20.80
		12	6	20.43	20.46	20.44	20.80
		12	13	20.40	20.50	20.43	20.80
		25	0	20.44	20.42	20.45	20.80

	64QAM	1	0	20.45	20.47	20.50	20.80
		1	13	20.50	20.51	20.47	20.80
		1	24	20.49	20.54	20.53	20.80
		12	0	19.41	19.45	19.41	19.80
		12	6	19.42	19.44	19.45	19.80
		12	13	19.39	19.47	19.39	19.80
		25	0	19.45	19.48	19.43	19.80
	256QAM	1	0	17.33	17.35	17.37	17.80
		1	13	17.40	17.39	17.36	17.80
		1	24	17.37	17.38	17.41	17.80
		12	0	17.41	17.37	17.43	17.80
		12	6	17.41	17.39	17.45	17.80
		12	13	17.43	17.54	17.40	17.80
		25	0	17.44	17.46	17.47	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	27710	\	
10MHz	QPSK	1	0	\	20.33	\	20.80
		1	25	\	20.50	\	20.80
		1	49	\	20.67	\	20.80
		25	0	\	20.42	\	20.80
		25	13	\	20.47	\	20.80
		25	25	\	20.48	\	20.80
		50	0	\	20.47	\	20.80
	16QAM	1	0	\	20.33	\	20.80
		1	25	\	20.64	\	20.80
		1	49	\	20.56	\	20.80
		25	0	\	20.39	\	20.80
		25	13	\	20.43	\	20.80
		25	25	\	20.48	\	20.80
		50	0	\	20.45	\	20.80
	64QAM	1	0	\	20.46	\	20.80
		1	25	\	20.50	\	20.80
		1	49	\	20.49	\	20.80
		25	0	\	19.42	\	19.80
		25	13	\	19.46	\	19.80
		25	25	\	19.49	\	19.80
		50	0	\	19.44	\	19.80
	256QAM	1	0	\	17.32	\	17.80
		1	25	\	17.38	\	17.80
		1	49	\	17.39	\	17.80
		25	0	\	17.42	\	17.80
		25	13	\	17.45	\	17.80
		25	25	\	17.51	\	17.80
		50	0	\	17.49	\	17.80

5.2 Conducted Power of LTE (Ant3)

LTE Band 2 ECI 1/3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18607	18900	19193			
1.4MHz	QPSK	1	0	23.89	23.89	23.82	24.30		
		1	2	23.98	23.92	23.92	24.30		
		1	5	23.97	23.87	23.82	24.30		
		3	0	23.93	23.92	23.80	24.30		
		3	2	23.88	23.95	23.81	24.30		
		3	3	23.90	23.83	23.88	24.30		
		6	0	23.08	23.07	23.09	23.30		
	16QAM	1	0	23.18	23.21	23.12	23.30		
		1	2	23.23	23.23	23.18	23.30		
		1	5	23.21	23.09	23.14	23.30		
		3	0	23.13	23.11	23.01	23.30		
		3	2	23.21	23.18	23.19	23.30		
		3	3	23.09	23.11	23.20	23.30		
		6	0	22.16	22.07	22.11	22.30		
	64QAM	1	0	22.24	22.23	22.10	22.30		
		1	2	22.23	22.23	22.24	22.30		
		1	5	22.25	22.04	22.12	22.30		
		3	0	22.12	22.20	22.02	22.30		
		3	2	22.09	22.07	22.14	22.30		
		3	3	22.11	22.16	22.18	22.30		
		6	0	21.14	21.04	21.04	21.30		
	256QAM	1	0	18.94	19.03	18.91	19.30		
		1	2	18.91	18.93	18.92	19.30		
		1	5	18.96	18.88	18.93	19.30		
		3	0	19.04	19.13	18.99	19.30		
		3	2	19.08	19.03	19.01	19.30		
		3	3	19.03	19.00	19.00	19.30		
		6	0	19.00	19.03	19.01	19.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
3MHz	QPSK	1	0	23.93	23.95	23.89	24.30		
		1	7	23.97	23.92	23.89	24.30		
		1	14	23.91	23.84	23.83	24.30		
		8	0	23.04	23.14	23.02	23.30		
		8	4	23.10	23.06	23.09	23.30		
		8	7	23.11	23.06	23.11	23.30		
		15	0	23.08	23.01	23.11	23.30		
	16QAM	1	0	23.16	23.28	23.11	23.30		
		1	7	23.22	23.14	23.20	23.30		
		1	14	23.20	23.16	23.14	23.30		
		8	0	22.04	22.07	21.98	22.30		
		8	4	22.10	22.13	22.06	22.30		
		8	7	22.09	22.05	22.06	22.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18615	18900	19185	

		15	0	22.16	22.10	22.02	22.30
	64QAM	1	0	22.19	22.24	22.16	22.30
		1	7	22.18	22.23	22.13	22.30
		1	14	22.23	22.15	22.14	22.30
		8	0	21.04	21.11	20.98	21.30
		8	4	21.01	21.04	21.04	21.30
		8	7	21.14	21.09	21.13	21.30
		15	0	21.03	21.08	21.10	21.30
	256QAM	1	0	18.92	19.02	18.98	19.30
		1	7	18.95	18.97	18.88	19.30
		1	14	18.92	18.83	18.89	19.30
		8	0	19.04	19.06	18.94	19.30
		8	4	19.01	19.01	19.03	19.30
		8	7	19.04	18.99	19.05	19.30
		15	0	18.96	19.04	19.03	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.89	23.89	23.83	24.30
		1	13	23.90	23.88	23.94	24.30
		1	24	23.97	23.90	23.85	24.30
		12	0	23.09	23.09	23.03	23.30
		12	6	23.05	23.11	23.07	23.30
		12	13	23.06	23.11	23.09	23.30
		25	0	23.06	23.01	23.11	23.30
	16QAM	1	0	23.15	23.21	23.13	23.30
		1	13	23.18	23.21	23.24	23.30
		1	24	23.17	23.16	23.19	23.30
		12	0	22.10	22.01	21.97	22.30
		12	6	22.14	22.11	22.06	22.30
		12	13	22.11	22.02	22.11	22.30
		25	0	22.14	22.04	22.03	22.30
	64QAM	1	0	22.24	22.24	22.12	22.30
		1	13	22.13	22.14	22.20	22.30
		1	24	22.20	22.14	22.13	22.30
		12	0	21.06	21.13	20.97	21.30
		12	6	21.04	21.10	21.07	21.30
		12	13	21.11	21.01	21.11	21.30
		25	0	21.04	21.06	21.09	21.30
	256QAM	1	0	18.95	18.97	18.97	19.30
		1	13	18.94	18.99	18.94	19.30
		1	24	18.91	18.83	18.90	19.30
		12	0	18.98	19.03	19.02	19.30
		12	6	19.10	18.98	19.02	19.30
		12	13	19.00	19.07	19.01	19.30
		25	0	18.99	19.03	19.05	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.89	23.94	23.88	24.30
		1	25	23.90	23.88	23.93	24.30

		1	49	23.95	23.82	23.82	24.30	
		25	0	23.11	23.09	23.05	23.30	
		25	13	23.04	23.13	23.00	23.30	
		25	25	23.08	23.02	23.04	23.30	
		50	0	23.01	23.11	23.02	23.30	
	16QAM	1	0	23.25	23.28	23.18	23.30	
		1	25	23.23	23.22	23.22	23.30	
		1	49	23.23	23.07	23.11	23.30	
		25	0	22.10	22.09	21.95	22.30	
		25	13	22.11	22.07	22.09	22.30	
		25	25	22.04	22.02	22.12	22.30	
		50	0	22.12	22.03	22.06	22.30	
	64QAM	1	0	22.20	22.22	22.11	22.30	
		1	25	22.19	22.15	22.18	22.30	
		1	49	22.21	22.15	22.19	22.30	
		25	0	21.01	21.10	21.00	21.30	
		25	13	21.11	21.05	21.03	21.30	
		25	25	21.09	21.06	21.04	21.30	
		50	0	21.13	21.09	21.02	21.30	
	256QAM	1	0	18.94	19.05	18.91	19.30	
		1	25	18.93	18.88	18.88	19.30	
		1	49	18.97	18.93	18.93	19.30	
		25	0	19.03	19.12	19.03	19.30	
		25	13	19.09	19.04	19.06	19.30	
		25	25	19.02	19.08	19.00	19.30	
		50	0	18.92	19.05	19.03	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
15MHz	QPSK	1	0	23.94	23.89	23.85	24.30	
		1	38	23.93	23.87	23.88	24.30	
		1	74	23.88	23.91	23.83	24.30	
		36	0	23.11	23.14	23.01	23.30	
		36	18	23.08	23.05	23.07	23.30	
		36	39	23.13	23.07	23.08	23.30	
		75	0	23.01	23.05	23.07	23.30	
	16QAM	1	0	23.21	23.30	23.17	23.30	
		1	38	23.25	23.21	23.21	23.30	
		1	74	23.21	23.07	23.12	23.30	
		36	0	22.11	22.08	21.96	22.30	
		36	18	22.07	22.14	22.12	22.30	
		36	39	22.07	22.01	22.15	22.30	
		75	0	22.08	22.10	22.05	22.30	
	64QAM	1	0	22.27	22.19	22.15	22.30	
		1	38	22.20	22.23	22.17	22.30	
		1	74	22.18	22.14	22.11	22.30	
		36	0	21.04	21.14	21.05	21.30	
		36	18	21.09	21.02	21.10	21.30	
		36	39	21.06	21.00	21.07	21.30	
		75	0	21.14	21.02	21.08	21.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	256QAM	1	0	18.96	18.98	18.97	19.30	
		1	38	18.97	18.91	18.97	19.30	
		1	74	18.90	18.89	18.93	19.30	
		36	0	19.07	19.02	19.01	19.30	
		36	18	19.00	18.99	19.04	19.30	
		36	39	19.07	19.03	19.01	19.30	
		75	0	18.93	18.98	19.09	19.30	
	20MHz	QPSK	1	0	23.95	23.93	23.86	24.30
			1	50	23.94	23.92	23.90	24.30
			1	99	23.92	23.88	23.86	24.30
			50	0	23.08	23.10	23.10	23.30
			50	25	23.10	23.11	23.06	23.30
			50	50	23.09	23.08	23.09	23.30
			100	0	23.05	23.06	23.06	23.30
		16QAM	1	0	23.20	23.27	23.16	23.30
			1	50	23.21	23.19	23.21	23.30
			1	99	23.19	23.13	23.15	23.30
			50	0	22.09	22.07	21.98	22.30
			50	25	22.11	22.10	22.09	22.30
			50	50	22.07	22.05	22.11	22.30
			100	0	22.14	22.07	22.08	22.30
64QAM		1	0	22.22	22.23	22.13	22.30	
		1	50	22.19	22.18	22.19	22.30	
		1	99	22.20	22.10	22.14	22.30	
		50	0	21.04	21.09	21.01	21.30	
		50	25	21.06	21.06	21.08	21.30	
		50	50	21.10	21.05	21.09	21.30	
		100	0	21.09	21.06	21.06	21.30	
256QAM	1	0	18.96	19.00	18.93	19.30		
	1	50	18.95	18.94	18.92	19.30		
	1	99	18.96	18.89	18.90	19.30		
	50	0	19.03	19.08	18.98	19.30		
	50	25	19.06	19.04	19.06	19.30		
	50	50	19.04	19.03	19.05	19.30		
	100	0	18.98	19.02	19.04	19.30		

LTE Band 2 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.35	18.34	18.31	18.80
		1	2	18.28	18.25	18.14	18.80
		1	5	18.17	18.31	18.28	18.80
		3	0	18.41	18.27	18.30	18.80
		3	2	18.39	18.11	18.23	18.80
		3	3	18.22	18.20	18.30	18.80
	16QAM	6	0	18.12	18.26	18.31	18.80
		1	0	18.21	18.39	18.45	18.80
		1	2	18.36	18.25	18.29	18.80
		1	5	18.30	18.19	18.16	18.80
		3	0	18.33	18.31	18.27	18.80
		3	2	18.23	18.31	18.22	18.80
	64QAM	3	3	18.16	18.31	18.30	18.80
		6	0	18.13	18.15	18.26	18.80
		1	0	18.22	18.29	18.32	18.80
		1	2	18.18	18.23	18.14	18.80
		1	5	18.09	18.18	18.04	18.80
		3	0	18.35	18.29	18.34	18.80
	256QAM	3	2	18.23	18.29	18.14	18.80
		3	3	18.19	18.27	18.34	18.80
		6	0	18.09	18.21	18.09	18.80
		1	0	18.39	18.30	18.45	18.80
		1	2	18.23	18.36	18.22	18.80
		1	5	18.23	18.36	18.22	18.80
3MHz	QPSK	3	0	18.33	18.31	18.28	18.80
		3	2	18.12	18.23	18.13	18.80
		3	3	18.28	18.31	18.17	18.80
		6	0	18.18	18.32	18.44	18.80
		1	0	18.27	18.31	18.45	18.80
		1	7	18.30	18.12	18.12	18.80
	16QAM	1	14	18.16	18.26	18.21	18.80
		8	0	18.38	18.38	18.20	18.80
		8	4	18.39	18.07	18.18	18.80
		8	7	18.13	18.24	18.16	18.80
		15	0	18.16	18.23	18.41	18.80
		1	0	18.23	18.29	18.34	18.80
		1	7	18.39	18.32	18.34	18.80
		1	14	18.26	18.19	18.19	18.80
		8	0	18.26	18.44	18.32	18.80
		8	4	18.10	18.31	18.29	18.80
		8	7	18.17	18.29	18.34	18.80
		15	0	18.18	18.30	18.28	18.80

		1	0	18.22	18.22	18.30	18.80
		1	7	18.19	18.27	18.24	18.80
		1	14	18.17	18.22	18.16	18.80
	64QAM	8	0	18.27	18.35	18.25	18.80
		8	4	18.36	18.21	18.21	18.80
		8	7	18.15	18.16	18.32	18.80
		15	0	18.21	18.12	18.05	18.80
	256QAM	1	0	18.42	18.31	18.42	18.80
		1	7	18.32	18.36	18.28	18.80
		1	14	18.24	18.24	18.34	18.80
		8	0	18.35	18.21	18.38	18.80
		8	4	18.24	18.18	18.16	18.80
		8	7	18.26	18.23	18.27	18.80
		15	0	18.19	18.26	18.41	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.25	18.28	18.33	18.80
		1	13	18.21	18.11	18.14	18.80
		1	24	18.21	18.35	18.29	18.80
		12	0	18.33	18.29	18.17	18.80
		12	6	18.24	18.08	18.09	18.80
		12	13	18.13	18.22	18.19	18.80
		25	0	18.20	18.31	18.32	18.80
	16QAM	1	0	18.13	18.41	18.39	18.80
		1	13	18.30	18.30	18.24	18.80
		1	24	18.21	18.11	18.14	18.80
		12	0	18.20	18.38	18.36	18.80
		12	6	18.16	18.34	18.28	18.80
		12	13	18.25	18.32	18.33	18.80
		25	0	18.11	18.16	18.22	18.80
	64QAM	1	0	18.31	18.30	18.24	18.80
		1	13	18.26	18.30	18.26	18.80
		1	24	18.18	18.27	18.10	18.80
		12	0	18.35	18.41	18.26	18.80
		12	6	18.23	18.15	18.11	18.80
		12	13	18.22	18.23	18.21	18.80
		25	0	18.10	18.09	18.12	18.80
	256QAM	1	0	18.30	18.36	18.45	18.80
		1	13	18.24	18.33	18.38	18.80
		1	24	18.09	18.29	18.25	18.80
		12	0	18.34	18.23	18.31	18.80
		12	6	18.15	18.23	18.06	18.80
		12	13	18.22	18.29	18.24	18.80
		25	0	18.20	18.31	18.31	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.25	18.39	18.36	18.80
		1	25	18.24	18.19	18.08	18.80
		1	49	18.13	18.34	18.21	18.80

		25	0	18.41	18.40	18.20	18.80	
		25	13	18.39	18.10	18.16	18.80	
		25	25	18.24	18.25	18.23	18.80	
		50	0	18.18	18.22	18.33	18.80	
		16QAM	1	0	18.18	18.28	18.45	18.80
			1	25	18.36	18.34	18.19	18.80
			1	49	18.35	18.12	18.13	18.80
			25	0	18.22	18.42	18.31	18.80
			25	13	18.23	18.34	18.28	18.80
			25	25	18.26	18.21	18.41	18.80
		64QAM	50	0	18.19	18.20	18.35	18.80
			1	0	18.22	18.20	18.20	18.80
	1		25	18.25	18.18	18.28	18.80	
	1		49	18.13	18.26	18.07	18.80	
	25		0	18.39	18.32	18.30	18.80	
	25		13	18.25	18.21	18.18	18.80	
	256QAM	25	25	18.25	18.17	18.31	18.80	
		50	0	18.20	18.17	18.05	18.80	
		1	0	18.39	18.33	18.35	18.80	
		1	25	18.19	18.34	18.36	18.80	
		1	49	18.09	18.34	18.31	18.80	
		25	0	18.43	18.36	18.40	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
	15MHz	QPSK	1	0	18.26	18.32	18.33	18.80
			1	38	18.26	18.25	18.10	18.80
			1	74	18.14	18.28	18.24	18.80
			36	0	18.36	18.34	18.19	18.80
36			18	18.39	18.08	18.07	18.80	
36			39	18.21	18.27	18.30	18.80	
75			0	18.13	18.28	18.43	18.80	
16QAM		1	0	18.24	18.42	18.32	18.80	
		1	38	18.42	18.29	18.35	18.80	
		1	74	18.30	18.15	18.21	18.80	
		36	0	18.33	18.45	18.34	18.80	
		36	18	18.14	18.26	18.22	18.80	
		36	39	18.23	18.29	18.39	18.80	
		75	0	18.17	18.20	18.24	18.80	
64QAM		1	0	18.29	18.19	18.21	18.80	
		1	38	18.21	18.33	18.27	18.80	
		1	74	18.07	18.27	18.02	18.80	
		36	0	18.34	18.35	18.21	18.80	
		36	18	18.29	18.21	18.11	18.80	
		36	39	18.27	18.29	18.21	18.80	
		75	0	18.10	18.22	18.17	18.80	
256QAM		1	0	18.40	18.43	18.44	18.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	38	18.24	18.27	18.38	18.80
		1	74	18.19	18.24	18.31	18.80
		36	0	18.33	18.35	18.30	18.80
		36	18	18.14	18.23	18.15	18.80
		36	39	18.26	18.35	18.24	18.80
		75	0	18.30	18.28	18.41	18.80
	16QAM	1	0	18.42	18.31	18.34	18.80
		1	50	18.29	18.18	18.16	18.80
		1	99	18.18	18.30	18.22	18.80
		50	0	18.33	18.44	18.25	18.80
		50	25	18.32	18.15	18.15	18.80
		50	50	18.18	18.21	18.24	18.80
	64QAM	100	0	18.16	18.32	18.31	18.80
		1	0	18.21	18.34	18.37	18.80
		1	50	18.37	18.28	18.27	18.80
		1	99	18.28	18.15	18.19	18.80
		50	0	18.27	18.39	18.32	18.80
		50	25	18.18	18.32	18.24	18.80
	256QAM	50	50	18.20	18.24	18.33	18.80
		100	0	18.16	18.23	18.30	18.80
		1	0	18.26	18.24	18.24	18.80
		1	50	18.21	18.25	18.21	18.80
		1	99	18.12	18.19	18.10	18.80
		50	0	18.31	18.33	18.27	18.80
	256QAM	50	25	18.31	18.21	18.13	18.80
		50	50	18.20	18.22	18.27	18.80
		100	0	18.13	18.17	18.11	18.80
		1	0	18.34	18.36	18.37	18.80
1		50	18.24	18.34	18.30	18.80	
1		99	18.16	18.31	18.27	18.80	
256QAM	50	0	18.35	18.28	18.33	18.80	
	50	25	18.17	18.23	18.14	18.80	
	50	50	18.23	18.31	18.22	18.80	
	100	0	18.22	18.29	18.38	18.80	

LTE Band 4 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.80	23.66	23.70	24.30
		1	2	23.96	23.71	23.73	24.30
		1	5	23.90	23.77	23.76	24.30
		3	0	23.92	23.77	23.76	24.30
		3	2	23.82	23.80	23.80	24.30
		3	3	24.04	23.84	23.75	24.30
	16QAM	6	0	23.05	22.88	23.04	23.30
		1	0	23.12	23.02	23.04	23.30
		1	2	23.28	23.10	22.88	23.30
		1	5	23.18	22.88	22.97	23.30
		3	0	23.01	22.92	22.81	23.30
		3	2	22.96	23.01	22.85	23.30
	64QAM	3	3	22.97	22.92	22.80	23.30
		6	0	22.12	21.95	21.88	22.30
		1	0	21.97	21.89	21.96	22.30
		1	2	22.14	22.00	21.92	22.30
		1	5	22.02	21.93	21.80	22.30
		3	0	21.94	21.97	21.77	22.30
	256QAM	3	2	21.97	21.99	21.77	22.30
		3	3	22.16	21.88	21.87	22.30
		6	0	21.03	20.89	20.93	21.30
		1	0	19.04	18.89	18.78	19.30
		1	2	18.94	18.95	18.83	19.30
		1	5	18.88	18.80	18.80	19.30
3MHz	QPSK	3	0	19.09	18.94	19.02	19.30
		3	2	19.09	19.00	18.79	19.30
		3	3	19.14	18.91	18.84	19.30
		6	0	19.13	18.92	18.93	19.30
		1	0	23.86	23.68	23.62	24.30
		1	7	23.90	23.80	23.68	24.30
		1	14	23.87	23.71	23.71	24.30
	16QAM	8	0	23.15	22.90	23.01	23.30
		8	4	23.21	23.05	22.91	23.30
		8	7	23.15	22.95	22.98	23.30
		15	0	23.12	22.98	22.93	23.30
		1	0	23.11	23.03	23.00	23.30
		1	7	23.14	23.04	22.97	23.30
		1	14	23.09	22.96	23.01	23.30
	64QAM	8	0	22.03	22.08	21.96	22.30
8		4	22.22	22.01	21.92	22.30	
8		7	22.09	21.94	22.00	22.30	
15		0	22.14	22.00	22.02	22.30	
	64QAM	1	0	22.09	21.95	21.83	22.30

		1	7	22.13	22.01	21.90	22.30	
		1	14	22.07	21.98	21.95	22.30	
		8	0	21.03	21.01	20.89	21.30	
		8	4	21.02	20.92	20.80	21.30	
		8	7	21.08	20.93	20.91	21.30	
		15	0	21.03	20.97	20.88	21.30	
		1	0	19.00	18.75	18.76	19.30	
		1	7	19.04	18.89	18.73	19.30	
		1	14	18.97	18.79	18.73	19.30	
		8	0	18.94	19.02	19.00	19.30	
		8	4	18.93	19.08	18.90	19.30	
		8	7	19.04	18.90	18.90	19.30	
		15	0	19.06	18.98	18.97	19.30	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375		
5MHz	QPSK	1	0	23.92	23.83	23.70	24.30	
		1	13	23.88	23.72	23.69	24.30	
		1	24	23.77	23.67	23.66	24.30	
		12	0	22.97	23.05	22.89	23.30	
		12	6	23.07	23.00	23.00	23.30	
		12	13	23.25	22.93	22.91	23.30	
		25	0	23.16	23.04	22.96	23.30	
	16QAM	1	0	23.10	23.02	22.91	23.30	
		1	13	23.19	23.07	23.00	23.30	
		1	24	23.14	22.99	22.89	23.30	
		12	0	22.09	21.99	22.00	22.30	
		12	6	22.07	22.04	21.88	22.30	
		12	13	22.25	22.00	21.94	22.30	
		25	0	22.18	21.98	21.94	22.30	
	64QAM	1	0	22.00	21.94	21.93	22.30	
		1	13	22.07	21.93	21.90	22.30	
		1	24	21.99	21.91	21.80	22.30	
		12	0	21.15	21.11	20.82	21.30	
		12	6	21.04	20.95	20.83	21.30	
		12	13	21.10	20.93	20.97	21.30	
		25	0	21.07	20.94	20.77	21.30	
	256QAM	1	0	18.86	18.80	18.76	19.30	
		1	13	19.06	18.81	18.79	19.30	
		1	24	18.92	18.83	18.75	19.30	
		12	0	18.94	18.92	19.01	19.30	
		12	6	19.12	19.02	18.95	19.30	
		12	13	19.06	18.99	18.83	19.30	
		25	0	19.09	18.82	19.03	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
10MHz	QPSK	1	0	23.88	23.65	23.77	24.30	
		1	25	23.96	23.72	23.68	24.30	
		1	49	23.76	23.74	23.73	24.30	
		25	0	23.14	22.99	23.08	23.30	

	16QAM	25	13	23.07	22.99	22.88	23.30	
		25	25	23.22	22.91	22.96	23.30	
		50	0	23.07	22.94	22.94	23.30	
		1	0	23.25	23.02	22.91	23.30	
		1	25	23.23	23.07	22.93	23.30	
		1	49	23.06	22.91	22.84	23.30	
		25	0	22.14	22.00	22.00	22.30	
		25	13	22.10	22.03	21.88	22.30	
		25	25	22.22	22.02	21.98	22.30	
	50	0	22.12	21.91	21.96	22.30		
	64QAM	1	0	22.07	21.93	21.93	22.30	
		1	25	22.17	21.93	21.83	22.30	
		1	49	22.14	21.88	21.88	22.30	
		25	0	21.08	20.99	20.95	21.30	
		25	13	21.05	21.00	20.84	21.30	
		25	25	21.23	20.94	20.93	21.30	
		50	0	20.98	20.92	20.93	21.30	
	256QAM	1	0	18.91	18.78	18.72	19.30	
		1	25	18.99	18.93	18.79	19.30	
		1	49	18.98	18.84	18.72	19.30	
		25	0	18.99	19.04	18.95	19.30	
		25	13	18.99	18.96	18.87	19.30	
		25	25	19.05	18.97	18.90	19.30	
		50	0	19.04	18.89	19.03	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	23.77	23.75	23.79	24.30
1			38	23.97	23.85	23.82	24.30	
1			74	23.84	23.72	23.76	24.30	
36			0	23.13	22.92	22.93	23.30	
36			18	23.03	22.91	22.99	23.30	
36			39	23.12	23.01	23.00	23.30	
75			0	23.03	22.86	22.99	23.30	
16QAM		1	0	23.12	23.04	22.96	23.30	
		1	38	23.13	22.94	22.98	23.30	
		1	74	23.12	22.98	22.89	23.30	
		36	0	22.10	22.04	21.90	22.30	
		36	18	22.02	22.08	22.02	22.30	
		36	39	22.18	22.06	21.91	22.30	
		75	0	22.11	22.03	21.85	22.30	
64QAM		1	0	21.96	21.86	21.86	22.30	
		1	38	22.02	22.06	21.97	22.30	
		1	74	22.01	21.85	21.86	22.30	
		36	0	21.04	20.92	20.86	21.30	
		36	18	21.11	20.93	20.75	21.30	
		36	39	21.20	20.98	20.98	21.30	
		75	0	21.07	20.95	20.92	21.30	
256QAM		1	0	19.03	18.73	18.84	19.30	
		1	38	19.15	18.91	18.67	19.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	74	18.99	18.78	18.84	19.30	
		36	0	19.15	18.96	18.92	19.30	
		36	18	19.02	19.11	18.86	19.30	
		36	39	19.08	18.94	18.86	19.30	
		75	0	19.05	18.97	18.92	19.30	
	16QAM	16QAM	1	0	23.79	23.74	23.73	24.30
			1	50	23.88	23.78	23.75	24.30
			1	99	23.80	23.66	23.65	24.30
			50	0	23.01	22.94	22.89	23.30
			50	25	23.06	23.06	22.90	23.30
			50	50	23.12	22.95	23.00	23.30
			100	0	23.06	22.95	22.88	23.30
	64QAM	64QAM	1	0	23.10	23.06	22.93	23.30
			1	50	23.24	23.09	22.96	23.30
			1	99	23.09	22.97	22.94	23.30
			50	0	22.08	21.99	21.91	22.30
			50	25	22.06	21.97	21.95	22.30
			50	50	22.08	21.94	21.99	22.30
			100	0	22.16	22.01	21.98	22.30
	256QAM	256QAM	1	0	22.12	21.96	21.90	22.30
			1	50	22.13	21.91	21.90	22.30
			1	99	22.10	21.91	21.84	22.30
			50	0	21.02	20.97	20.85	21.30
			50	25	21.13	20.92	20.88	21.30
			50	50	21.10	20.93	20.91	21.30
			100	0	21.15	20.92	20.93	21.30
	256QAM	256QAM	1	0	18.90	18.80	18.82	19.30
			1	50	18.95	18.80	18.77	19.30
			1	99	18.99	18.86	18.71	19.30
			50	0	19.00	18.96	18.91	19.30
50			25	19.02	18.97	18.86	19.30	
50			50	19.13	18.87	18.91	19.30	
100			0	19.06	18.86	18.95	19.30	

LTE Band 4 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.33	18.03	18.19	18.80
		1	2	18.48	18.19	18.29	18.80
		1	5	18.44	18.31	18.17	18.80
		3	0	18.45	18.21	18.30	18.80
		3	2	18.26	18.37	18.32	18.80
		3	3	18.27	18.26	18.02	18.80
		6	0	18.44	18.07	18.39	18.80
	16QAM	1	0	18.24	18.35	18.13	18.80
		1	2	18.41	18.06	18.20	18.80
		1	5	18.41	18.15	18.08	18.80
		3	0	18.27	18.22	18.24	18.80
		3	2	18.48	18.17	18.30	18.80
		3	3	18.28	18.41	18.18	18.80
		6	0	18.58	18.38	18.29	18.80
	64QAM	1	0	18.31	17.99	18.10	18.80
		1	2	18.44	18.31	18.25	18.80
		1	5	18.28	18.35	18.26	18.80
		3	0	18.44	18.18	18.25	18.80
		3	2	18.37	18.45	18.23	18.80
		3	3	18.27	18.22	18.05	18.80
		6	0	18.30	18.04	18.35	18.80
	256QAM	1	0	18.24	18.15	18.19	18.80
		1	2	18.36	18.29	18.32	18.80
		1	5	18.34	18.22	18.20	18.80
		3	0	18.34	18.27	18.21	18.80
		3	2	18.39	18.38	18.42	18.80
		3	3	18.23	18.11	18.15	18.80
		6	0	18.45	18.10	18.35	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18.28	18.06	18.28	18.80
		1	7	18.55	18.24	18.24	18.80
		1	14	18.51	18.38	18.15	18.80
		8	0	18.52	18.20	18.23	18.80
		8	4	18.29	18.46	18.32	18.80
		8	7	18.23	18.31	18.04	18.80
		15	0	18.52	18.11	18.46	18.80
	16QAM	1	0	18.32	18.35	18.05	18.80
		1	7	18.33	17.99	18.27	18.80
		1	14	18.33	18.24	18.11	18.80
		8	0	18.21	18.20	18.23	18.80
		8	4	18.52	18.23	18.20	18.80
		8	7	18.24	18.46	18.26	18.80
		15	0	18.58	18.39	18.19	18.80
	64QAM	1	0	18.35	18.09	18.13	18.80

		1	7	18.49	18.32	18.16	18.80
		1	14	18.32	18.29	18.22	18.80
		8	0	18.34	18.24	18.33	18.80
		8	4	18.27	18.55	18.30	18.80
		8	7	18.34	18.14	18.10	18.80
		15	0	18.25	18.05	18.37	18.80
	256QAM	1	0	18.20	18.11	18.24	18.80
		1	7	18.37	18.29	18.33	18.80
		1	14	18.25	18.20	18.11	18.80
		8	0	18.41	18.26	18.24	18.80
		8	4	18.40	18.47	18.41	18.80
		8	7	18.31	18.14	18.20	18.80
	15	0	18.42	18.05	18.32	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375	
5MHz	QPSK	1	0	18.37	17.93	18.18	18.80
		1	13	18.42	18.15	18.31	18.80
		1	24	18.49	18.32	18.20	18.80
		12	0	18.40	18.16	18.32	18.80
		12	6	18.33	18.41	18.40	18.80
		12	13	18.18	18.34	17.94	18.80
		25	0	18.41	18.07	18.31	18.80
	16QAM	1	0	18.21	18.36	18.22	18.80
		1	13	18.48	18.05	18.12	18.80
		1	24	18.31	18.19	18.08	18.80
		12	0	18.26	18.25	18.31	18.80
		12	6	18.47	18.27	18.35	18.80
		12	13	18.37	18.35	18.28	18.80
		25	0	18.53	18.44	18.31	18.80
	64QAM	1	0	18.41	18.05	18.09	18.80
		1	13	18.43	18.40	18.17	18.80
		1	24	18.28	18.45	18.28	18.80
		12	0	18.46	18.16	18.22	18.80
		12	6	18.34	18.53	18.31	18.80
		12	13	18.17	18.17	17.96	18.80
		25	0	18.21	17.94	18.25	18.80
	256QAM	1	0	18.15	18.15	18.10	18.80
		1	13	18.44	18.37	18.31	18.80
		1	24	18.24	18.14	18.10	18.80
		12	0	18.40	18.31	18.19	18.80
		12	6	18.29	18.45	18.38	18.80
		12	13	18.20	18.07	18.19	18.80
		25	0	18.41	18.01	18.39	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.26	18.00	18.13	18.80
		1	25	18.47	18.19	18.38	18.80
		1	49	18.43	18.23	18.22	18.80
		25	0	18.46	18.13	18.29	18.80

		25	13	18.20	18.36	18.29	18.80	
		25	25	18.20	18.32	18.09	18.80	
		50	0	18.51	18.10	18.43	18.80	
		16QAM	1	0	18.22	18.34	18.13	18.80
			1	25	18.44	17.96	18.11	18.80
			1	49	18.36	18.20	18.11	18.80
			25	0	18.21	18.17	18.28	18.80
			25	13	18.44	18.17	18.40	18.80
			25	25	18.19	18.41	18.13	18.80
	50		0	18.62	18.35	18.26	18.80	
	64QAM	1	0	18.34	17.99	18.07	18.80	
		1	25	18.50	18.24	18.31	18.80	
		1	49	18.21	18.38	18.31	18.80	
		25	0	18.50	18.11	18.27	18.80	
		25	13	18.41	18.51	18.19	18.80	
		25	25	18.30	18.16	18.09	18.80	
		50	0	18.38	18.12	18.26	18.80	
	256QAM	1	0	18.16	18.25	18.26	18.80	
		1	25	18.32	18.28	18.40	18.80	
		1	49	18.36	18.19	18.15	18.80	
		25	0	18.33	18.36	18.14	18.80	
		25	13	18.29	18.47	18.42	18.80	
		25	25	18.32	18.20	18.16	18.80	
		50	0	18.50	18.07	18.38	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	1	0	18.28	18.08	18.25	18.80
			1	38	18.57	18.10	18.21	18.80
			1	74	18.45	18.28	18.18	18.80
36			0	18.44	18.13	18.30	18.80	
36			18	18.34	18.43	18.25	18.80	
36			39	18.20	18.25	17.92	18.80	
75			0	18.47	17.98	18.46	18.80	
16QAM		1	0	18.25	18.26	18.08	18.80	
		1	38	18.38	18.09	18.13	18.80	
		1	74	18.34	18.08	17.98	18.80	
		36	0	18.19	18.28	18.16	18.80	
		36	18	18.50	18.21	18.25	18.80	
		36	39	18.21	18.45	18.10	18.80	
		75	0	18.65	18.43	18.37	18.80	
64QAM		1	0	18.30	17.97	18.18	18.80	
		1	38	18.51	18.28	18.27	18.80	
		1	74	18.23	18.36	18.31	18.80	
		36	0	18.47	18.16	18.17	18.80	
		36	18	18.46	18.44	18.18	18.80	
		36	39	18.35	18.31	18.09	18.80	
		75	0	18.26	17.96	18.35	18.80	
256QAM		1	0	18.31	18.23	18.23	18.80	
		1	38	18.45	18.28	18.34	18.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	74	18.44	18.20	18.14	18.80
		36	0	18.44	18.22	18.13	18.80
		36	18	18.30	18.48	18.43	18.80
		36	39	18.13	18.18	18.12	18.80
		75	0	18.37	18.15	18.32	18.80
	16QAM	1	0	18.38	18.13	18.20	18.80
		1	50	18.57	18.12	18.29	18.80
		1	99	18.34	18.34	18.19	18.80
		50	0	18.36	18.25	18.38	18.80
		50	25	18.29	18.47	18.27	18.80
		50	50	18.19	18.25	18.08	18.80
		100	0	18.52	18.12	18.45	18.80
	64QAM	1	0	18.28	18.39	18.16	18.80
		1	50	18.31	18.04	18.11	18.80
		1	99	18.34	18.18	18.13	18.80
		50	0	18.19	18.32	18.24	18.80
		50	25	18.58	18.21	18.33	18.80
		50	50	18.27	18.35	18.10	18.80
		100	0	18.68	18.44	18.20	18.80
	256QAM	1	0	18.30	18.00	18.14	18.80
		1	50	18.39	18.40	18.22	18.80
		1	99	18.18	18.28	18.34	18.80
		50	0	18.39	18.22	18.21	18.80
		50	25	18.30	18.48	18.26	18.80
		50	50	18.35	18.12	18.13	18.80
		100	0	18.26	18.07	18.27	18.80
	256QAM	1	0	18.20	18.20	18.28	18.80
		1	50	18.39	18.19	18.36	18.80
1		99	18.34	18.16	18.29	18.80	
50		0	18.44	18.32	18.17	18.80	
50		25	18.38	18.37	18.48	18.80	
50		50	18.13	18.10	18.05	18.80	
100		0	18.54	18.00	18.26	18.80	

LTE Band 5 ECI 1/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.23	24.31	24.28	24.80
		1	2	24.28	24.33	24.30	24.80
		1	5	24.35	24.34	24.26	24.80
		3	0	24.31	24.22	24.23	24.80
		3	2	24.27	24.31	24.25	24.80
		3	3	24.29	24.27	24.28	24.80
	16QAM	6	0	23.29	23.34	23.23	23.80
		1	0	23.34	23.48	23.33	23.80
		1	2	23.49	23.43	23.27	23.80
		1	5	23.48	23.30	23.37	23.80
		3	0	23.37	23.35	23.23	23.80
		3	2	23.29	23.27	23.25	23.80
	64QAM	3	3	23.33	23.33	23.21	23.80
		6	0	22.28	22.35	22.22	22.80
		1	0	22.31	22.43	22.29	22.80
		1	2	22.27	22.35	22.25	22.80
		1	5	22.36	22.34	22.21	22.80
		3	0	22.34	22.37	22.37	22.80
	256QAM	3	2	22.33	22.29	22.31	22.80
		3	3	22.28	22.38	22.16	22.80
		6	0	21.31	21.42	21.28	21.80
		1	0	19.23	19.29	19.22	19.80
		1	2	19.29	19.17	19.23	19.80
		1	5	19.27	19.08	19.15	19.80
3MHz	QPSK	3	0	19.32	19.36	19.32	19.80
		3	2	19.31	19.37	19.36	19.80
		3	3	19.41	19.26	19.27	19.80
		6	0	19.40	19.32	19.42	19.80
		1	0	24.32	24.34	24.38	24.80
		1	7	24.46	24.33	24.24	24.80
		1	14	24.40	24.30	24.33	24.80
	16QAM	8	0	23.39	23.21	23.34	23.80
		8	4	23.26	23.34	23.19	23.80
		8	7	23.25	23.30	23.30	23.80
		15	0	23.42	23.38	23.29	23.80
		1	0	23.39	23.41	23.36	23.80
		1	7	23.39	23.47	23.30	23.80
		1	14	23.47	23.30	23.38	23.80
	64QAM	8	0	22.43	22.32	22.20	22.80
8		4	22.23	22.35	22.29	22.80	
8		7	22.29	22.36	22.25	22.80	
15		0	22.34	22.37	22.19	22.80	
64QAM	1	0	22.42	22.36	22.37	22.80	

		1	7	22.32	22.27	22.18	22.80
		1	14	22.37	22.27	22.28	22.80
		8	0	21.46	21.32	21.45	21.80
		8	4	21.26	21.43	21.25	21.80
		8	7	21.37	21.39	21.19	21.80
		15	0	21.27	21.33	21.36	21.80
	256QAM	1	0	19.13	19.27	19.21	19.80
		1	7	19.19	19.13	19.18	19.80
		1	14	19.31	19.20	19.21	19.80
		8	0	19.33	19.31	19.28	19.80
		8	4	19.35	19.41	19.26	19.80
		8	7	19.36	19.27	19.21	19.80
		15	0	19.33	19.25	19.32	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.34	24.41	24.40	24.80
		1	13	24.43	24.29	24.28	24.80
		1	24	24.32	24.27	24.35	24.80
		12	0	23.36	23.17	23.31	23.80
		12	6	23.35	23.26	23.30	23.80
		12	13	23.24	23.25	23.24	23.80
		25	0	23.44	23.41	23.38	23.80
	16QAM	1	0	23.48	23.37	23.35	23.80
		1	13	23.43	23.49	23.35	23.80
		1	24	23.48	23.38	23.36	23.80
		12	0	22.33	22.35	22.32	22.80
		12	6	22.33	22.32	22.36	22.80
		12	13	22.31	22.36	22.20	22.80
		25	0	22.24	22.36	22.28	22.80
	64QAM	1	0	22.42	22.41	22.33	22.80
		1	13	22.40	22.30	22.22	22.80
		1	24	22.28	22.25	22.20	22.80
		12	0	21.44	21.33	21.36	21.80
		12	6	21.38	21.29	21.27	21.80
		12	13	21.28	21.35	21.15	21.80
		25	0	21.27	21.43	21.21	21.80
	256QAM	1	0	19.13	19.33	19.15	19.80
		1	13	19.31	19.29	19.24	19.80
		1	24	19.26	19.20	19.20	19.80
		12	0	19.28	19.36	19.24	19.80
		12	6	19.31	19.32	19.25	19.80
		12	13	19.29	19.34	19.26	19.80
		25	0	19.39	19.32	19.32	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.30	24.34	24.32	24.80
		1	25	24.38	24.32	24.26	24.80
		1	49	24.33	24.28	24.29	24.80
		25	0	23.31	23.25	23.27	23.80

		25	13	23.27	23.30	23.27	23.80
		25	25	23.32	23.32	23.28	23.80
		50	0	23.36	23.37	23.31	23.80
	16QAM	1	0	23.40	23.40	23.38	23.80
		1	25	23.44	23.42	23.29	23.80
		1	49	23.44	23.38	23.32	23.80
		25	0	22.36	22.32	22.28	22.80
		25	13	22.29	22.31	22.28	22.80
		25	25	22.30	22.38	22.25	22.80
		50	0	22.31	22.30	22.25	22.80
		64QAM	1	0	22.34	22.39	22.33
	1		25	22.34	22.33	22.25	22.80
	1		49	22.30	22.27	22.24	22.80
	25		0	21.38	21.37	21.39	21.80
	25		13	21.32	21.36	21.30	21.80
	25		25	21.33	21.35	21.22	21.80
	50		0	21.27	21.36	21.29	21.80
	256QAM	1	0	19.18	19.25	19.18	19.80
		1	25	19.27	19.21	19.18	19.80
		1	49	19.23	19.15	19.22	19.80
		25	0	19.33	19.34	19.27	19.80
		25	13	19.36	19.38	19.29	19.80
		25	25	19.35	19.34	19.24	19.80
		50	0	19.32	19.33	19.35	19.80

LTE Band 66 ECI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.88	23.73	23.68	24.30
		1	2	23.79	23.87	23.66	24.30
		1	5	23.89	23.76	23.66	24.30
		3	0	23.96	23.83	23.71	24.30
		3	1	23.95	23.74	23.62	24.30
		3	3	23.99	23.70	23.69	24.30
		6	0	23.17	22.92	22.77	23.30
	16QAM	1	0	23.14	22.81	22.84	23.30
		1	2	23.17	23.02	22.74	23.30
		1	5	23.13	22.94	22.70	23.30
		3	0	22.89	22.77	22.75	23.30
		3	1	22.98	22.73	22.82	23.30
		3	3	22.95	22.82	22.76	23.30
		6	0	22.04	21.90	21.78	22.30
	64QAM	1	0	22.07	21.83	21.75	22.30
		1	2	22.00	21.83	21.79	22.30
		1	5	22.06	21.81	21.74	22.30
		3	0	21.93	21.80	21.73	22.30
		3	1	21.86	21.85	21.63	22.30
		3	3	21.83	21.76	21.83	22.30
		6	0	21.00	20.97	20.80	21.30
	256QAM	1	0	18.82	18.72	18.64	19.30
		1	2	18.83	18.75	18.68	19.30
		1	5	18.92	18.72	18.60	19.30
		3	0	18.96	18.93	18.77	19.30
		3	1	18.93	18.86	18.68	19.30
		3	3	18.99	18.84	18.73	19.30
		6	0	18.97	18.90	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.85	23.70	23.70	24.30
		1	7	23.93	23.81	23.59	24.30
		1	14	23.80	23.82	23.68	24.30
		8	0	22.95	22.95	22.86	23.30
		8	4	22.91	23.01	22.84	23.30
		8	7	23.13	22.91	22.74	23.30
		15	0	23.04	22.79	22.89	23.30
	16QAM	1	0	23.03	22.90	22.87	23.30
		1	7	23.08	22.92	22.85	23.30
		1	14	23.12	22.78	22.73	23.30
		8	0	22.00	21.84	21.79	22.30
		8	4	22.10	21.91	21.83	22.30
		8	7	22.07	21.95	21.79	22.30
		15	0	21.96	21.93	21.77	22.30
	64QAM	1	0	22.04	21.90	21.60	22.30

		1	7	22.04	21.91	21.67	22.30
		1	14	22.05	21.79	21.67	22.30
		8	0	20.95	20.96	20.81	21.30
		8	4	20.95	20.92	20.83	21.30
		8	7	21.00	20.98	20.82	21.30
		15	0	20.94	21.02	20.68	21.30
	256QAM	1	0	18.99	18.83	18.70	19.30
		1	7	18.84	18.68	18.69	19.30
		1	14	18.86	18.76	18.66	19.30
		8	0	18.91	18.80	18.75	19.30
		8	4	18.93	18.86	18.72	19.30
		8	7	19.09	18.72	18.66	19.30
		15	0	19.01	18.79	18.70	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.91	23.63	23.67	24.30
		1	13	23.89	23.83	23.62	24.30
		1	24	23.84	23.65	23.67	24.30
		12	0	23.11	22.81	22.89	23.30
		12	6	23.01	22.87	22.78	23.30
		12	13	23.14	22.87	22.83	23.30
		25	0	23.08	22.89	22.82	23.30
	16QAM	1	0	23.05	22.81	22.74	23.30
		1	13	23.08	23.00	22.79	23.30
		1	24	23.04	22.98	22.83	23.30
		12	0	22.06	21.83	21.72	22.30
		12	6	22.05	21.83	21.68	22.30
		12	13	22.10	21.80	21.78	22.30
		25	0	21.97	21.88	21.88	22.30
	64QAM	1	0	22.01	21.92	21.68	22.30
		1	13	21.99	21.86	21.80	22.30
		1	24	22.02	21.82	21.63	22.30
		12	0	21.07	20.86	20.85	21.30
		12	6	21.02	20.92	20.80	21.30
		12	13	21.11	20.91	20.66	21.30
		25	0	21.00	20.89	20.87	21.30
	256QAM	1	0	18.88	18.77	18.70	19.30
		1	13	18.96	18.69	18.68	19.30
		1	24	18.85	18.70	18.56	19.30
		12	0	18.97	18.93	18.76	19.30
		12	6	19.00	18.95	18.80	19.30
		12	13	19.11	18.88	18.69	19.30
		25	0	18.85	18.85	18.77	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.89	23.69	23.67	24.30
		1	25	23.87	23.68	23.70	24.30
		1	49	23.85	23.65	23.64	24.30
		25	0	22.93	22.87	22.86	23.30

	16QAM	25	13	23.02	22.89	22.82	23.30
		25	25	23.10	22.99	22.64	23.30
		50	0	22.98	23.01	22.84	23.30
		1	0	23.14	22.93	22.78	23.30
		1	25	23.07	22.97	22.79	23.30
		1	49	23.09	22.89	22.64	23.30
		25	0	21.97	21.94	21.89	22.30
		25	13	22.13	21.91	21.77	22.30
		25	25	22.03	21.87	21.77	22.30
	50	0	22.09	21.95	21.70	22.30	
	64QAM	1	0	22.12	21.74	21.77	22.30
		1	25	22.02	21.89	21.74	22.30
		1	49	21.96	21.88	21.62	22.30
		25	0	21.06	20.98	20.90	21.30
		25	13	21.09	20.84	20.76	21.30
		25	25	20.99	20.96	20.77	21.30
		50	0	21.00	20.91	20.78	21.30
	256QAM	1	0	18.87	18.76	18.68	19.30
		1	25	18.87	18.67	18.66	19.30
		1	49	18.79	18.62	18.59	19.30
		25	0	18.95	18.87	18.79	19.30
25		13	19.08	18.98	18.77	19.30	
25		25	19.06	18.96	18.76	19.30	
50		0	19.04	18.79	18.82	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.93	23.77	23.57	24.30
		1	38	23.82	23.64	23.70	24.30
		1	74	23.80	23.78	23.60	24.30
		36	0	22.98	22.98	22.91	23.30
		36	18	23.04	22.93	22.90	23.30
		36	39	23.01	22.96	22.74	23.30
		75	0	22.97	22.96	22.70	23.30
	16QAM	1	0	23.18	22.93	22.84	23.30
		1	38	23.15	22.99	22.70	23.30
		1	74	23.16	22.93	22.75	23.30
		36	0	22.06	21.85	21.78	22.30
		36	18	22.08	21.82	21.77	22.30
		36	39	22.04	21.94	21.64	22.30
		75	0	22.07	21.90	21.80	22.30
	64QAM	1	0	22.06	21.95	21.74	22.30
		1	38	21.94	21.95	21.74	22.30
		1	74	21.92	21.81	21.72	22.30
		36	0	21.01	20.94	20.79	21.30
		36	18	20.96	20.92	20.84	21.30
		36	39	20.96	20.84	20.64	21.30
		75	0	20.93	20.86	20.77	21.30
256QAM	1	0	18.87	18.85	18.78	19.30	
	1	38	18.86	18.73	18.58	19.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		1	74	18.94	18.68	18.63	
20MHz	QPSK	36	0	19.02	19.01	18.93	19.30
		36	18	19.02	18.99	18.80	19.30
		36	39	19.12	18.87	18.75	19.30
		75	0	18.95	18.87	18.68	19.30
		132072	132322	132572			
	16QAM	1	0	23.89	23.70	23.71	24.30
		1	50	23.80	23.68	23.62	24.30
		1	99	23.77	23.69	23.62	24.30
		50	0	22.97	22.87	22.84	23.30
		50	25	23.08	22.91	22.79	23.30
		50	50	22.97	22.85	22.72	23.30
		100	0	23.01	22.85	22.74	23.30
	64QAM	1	0	23.13	22.90	22.78	23.30
		1	50	23.11	22.91	22.76	23.30
		1	99	23.08	22.84	22.76	23.30
		50	0	22.03	21.88	21.83	22.30
		50	25	22.08	21.89	21.75	22.30
		50	50	22.06	21.84	21.78	22.30
		100	0	21.99	21.94	21.76	22.30
	256QAM	1	0	21.98	21.78	21.73	22.30
		1	50	21.98	21.86	21.77	22.30
		1	99	22.01	21.85	21.68	22.30
		50	0	21.05	20.99	20.82	21.30
		50	25	20.97	20.83	20.77	21.30
		50	50	21.00	20.80	20.72	21.30
		100	0	21.01	20.96	20.83	21.30
	256QAM	1	0	18.92	18.79	18.67	19.30
		1	50	18.95	18.72	18.67	19.30
1		99	18.83	18.74	18.69	19.30	
50		0	18.90	18.97	18.78	19.30	
50		25	18.98	18.86	18.74	19.30	
50		50	19.01	18.84	18.70	19.30	
100		0	18.94	18.86	18.80	19.30	

LTE Band 66 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.44	18.47	18.49	18.80
		1	2	18.52	18.38	18.41	18.80
		1	5	18.39	18.35	18.53	18.80
		3	0	18.59	18.57	18.30	18.80
		3	1	18.44	18.46	18.40	18.80
		3	3	18.48	18.58	18.39	18.80
		6	0	18.37	18.58	18.36	18.80
	16QAM	1	0	18.51	18.37	18.40	18.80
		1	2	18.32	18.47	18.43	18.80
		1	5	18.39	18.53	18.27	18.80
		3	0	18.47	18.36	18.30	18.80
		3	1	18.47	18.38	18.39	18.80
		3	3	18.50	18.40	18.37	18.80
		6	0	18.40	18.36	18.58	18.80
	64QAM	1	0	18.35	18.38	18.53	18.80
		1	2	18.52	18.46	18.51	18.80
		1	5	18.50	18.54	18.35	18.80
		3	0	18.59	18.50	18.47	18.80
		3	1	18.49	18.44	18.49	18.80
		3	3	18.37	18.41	18.38	18.80
		6	0	18.51	18.42	18.52	18.80
	256QAM	1	0	18.55	18.58	18.50	18.80
		1	2	18.44	18.40	18.44	18.80
		1	5	18.49	18.50	18.45	18.80
		3	0	18.41	18.59	18.43	18.80
		3	1	18.30	18.41	18.43	18.80
		3	3	18.50	18.44	18.38	18.80
		6	0	18.53	18.44	18.28	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.37	18.55	18.40	18.80
		1	7	18.58	18.45	18.50	18.80
		1	14	18.37	18.28	18.44	18.80
		8	0	18.58	18.49	18.38	18.80
		8	4	18.49	18.51	18.47	18.80
		8	7	18.42	18.56	18.49	18.80
		15	0	18.39	18.52	18.39	18.80
	16QAM	1	0	18.53	18.32	18.49	18.80
		1	7	18.25	18.47	18.46	18.80
		1	14	18.46	18.53	18.30	18.80
		8	0	18.41	18.41	18.37	18.80
		8	4	18.49	18.37	18.39	18.80
		8	7	18.56	18.47	18.37	18.80
		15	0	18.41	18.27	18.59	18.80
	64QAM	1	0	18.26	18.40	18.55	18.80

		1	7	18.55	18.50	18.41	18.80	
		1	14	18.55	18.63	18.43	18.80	
		8	0	18.53	18.56	18.56	18.80	
		8	4	18.42	18.45	18.59	18.80	
		8	7	18.42	18.33	18.32	18.80	
		15	0	18.50	18.40	18.57	18.80	
	256QAM	1	0	18.52	18.68	18.49	18.80	
		1	7	18.41	18.34	18.47	18.80	
		1	14	18.49	18.50	18.48	18.80	
		8	0	18.49	18.51	18.52	18.80	
		8	4	18.37	18.48	18.52	18.80	
		8	7	18.40	18.37	18.38	18.80	
			15	0	18.63	18.43	18.34	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
131997					132322	132647		
5MHz	QPSK	1	0	18.40	18.43	18.54	18.80	
		1	13	18.58	18.37	18.43	18.80	
		1	24	18.49	18.28	18.57	18.80	
		12	0	18.63	18.47	18.33	18.80	
		12	6	18.34	18.50	18.33	18.80	
		12	13	18.40	18.55	18.38	18.80	
	16QAM	25	0	18.31	18.48	18.40	18.80	
		1	0	18.58	18.47	18.39	18.80	
		1	13	18.30	18.54	18.34	18.80	
		1	24	18.36	18.59	18.26	18.80	
		12	0	18.47	18.37	18.33	18.80	
		12	6	18.48	18.46	18.39	18.80	
	64QAM	12	13	18.40	18.49	18.47	18.80	
		25	0	18.37	18.43	18.61	18.80	
		1	0	18.31	18.48	18.63	18.80	
		1	13	18.56	18.49	18.56	18.80	
		1	24	18.40	18.46	18.40	18.80	
		12	0	18.55	18.58	18.51	18.80	
	256QAM	12	6	18.42	18.53	18.54	18.80	
		12	13	18.34	18.51	18.28	18.80	
		25	0	18.59	18.41	18.52	18.80	
		1	0	18.57	18.64	18.44	18.80	
		1	13	18.46	18.40	18.43	18.80	
		1	24	18.39	18.40	18.43	18.80	
			12	0	18.48	18.68	18.33	18.80
			12	6	18.28	18.34	18.37	18.80
			12	13	18.51	18.43	18.39	18.80
			25	0	18.61	18.41	18.22	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
10MHz	QPSK	1	0	18.43	18.42	18.58	18.80	
		1	25	18.43	18.43	18.42	18.80	
		1	49	18.31	18.43	18.62	18.80	
		25	0	18.50	18.67	18.26	18.80	

		25	13	18.52	18.38	18.44	18.80	
		25	25	18.47	18.57	18.43	18.80	
		50	0	18.28	18.64	18.34	18.80	
		16QAM	1	0	18.58	18.31	18.36	18.80
			1	25	18.24	18.41	18.46	18.80
			1	49	18.32	18.57	18.31	18.80
			25	0	18.45	18.43	18.23	18.80
			25	13	18.51	18.31	18.49	18.80
			25	25	18.56	18.38	18.35	18.80
	50		0	18.39	18.41	18.56	18.80	
	64QAM	1	0	18.26	18.39	18.59	18.80	
		1	25	18.43	18.53	18.45	18.80	
		1	49	18.45	18.50	18.39	18.80	
		25	0	18.55	18.57	18.55	18.80	
		25	13	18.44	18.50	18.54	18.80	
		25	25	18.33	18.47	18.34	18.80	
		50	0	18.42	18.35	18.48	18.80	
	256QAM	1	0	18.54	18.54	18.48	18.80	
		1	25	18.45	18.46	18.48	18.80	
		1	49	18.39	18.49	18.47	18.80	
		25	0	18.38	18.60	18.49	18.80	
		25	13	18.37	18.39	18.35	18.80	
		25	25	18.48	18.54	18.46	18.80	
		50	0	18.54	18.38	18.20	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
	15MHz	QPSK	1	0	18.37	18.52	18.39	18.80
			1	38	18.53	18.30	18.45	18.80
			1	74	18.29	18.38	18.45	18.80
36			0	18.64	18.60	18.23	18.80	
36			18	18.41	18.43	18.30	18.80	
36			39	18.54	18.59	18.41	18.80	
75			0	18.38	18.67	18.40	18.80	
16QAM		1	0	18.41	18.45	18.48	18.80	
		1	38	18.27	18.45	18.43	18.80	
		1	74	18.35	18.53	18.18	18.80	
		36	0	18.53	18.38	18.25	18.80	
		36	18	18.38	18.30	18.47	18.80	
		36	39	18.45	18.45	18.40	18.80	
		75	0	18.47	18.42	18.55	18.80	
64QAM		1	0	18.37	18.44	18.61	18.80	
		1	38	18.42	18.53	18.59	18.80	
		1	74	18.54	18.44	18.44	18.80	
		36	0	18.59	18.60	18.45	18.80	
		36	18	18.42	18.54	18.50	18.80	
		36	39	18.37	18.35	18.42	18.80	
		75	0	18.52	18.38	18.45	18.80	
256QAM		1	0	18.50	18.59	18.58	18.80	
		1	38	18.39	18.45	18.41	18.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz		1	74	18.53	18.54	18.49	18.80		
		36	0	18.43	18.68	18.44	18.80		
		36	18	18.21	18.46	18.44	18.80		
		36	39	18.41	18.52	18.29	18.80		
		75	0	18.49	18.54	18.29	18.80		
	QPSK	QPSK	1	0	18.53	18.44	18.50	18.80	
			1	50	18.43	18.29	18.41	18.80	
			1	99	18.36	18.26	18.49	18.80	
			50	0	18.60	18.53	18.39	18.80	
			50	25	18.48	18.50	18.36	18.80	
			50	50	18.40	18.51	18.34	18.80	
			100	0	18.38	18.36	18.30	18.80	
		16QAM	16QAM	1	0	18.58	18.42	18.39	18.80
				1	50	18.39	18.45	18.47	18.80
				1	99	18.47	18.58	18.23	18.80
				50	0	18.44	18.35	18.21	18.80
				50	25	18.51	18.48	18.31	18.80
				50	50	18.56	18.34	18.41	18.80
				100	0	18.30	18.35	18.49	18.80
		64QAM	64QAM	1	0	18.43	18.37	18.50	18.80
				1	50	18.61	18.40	18.49	18.80
				1	99	18.43	18.48	18.43	18.80
				50	0	18.51	18.54	18.49	18.80
				50	25	18.56	18.54	18.40	18.80
				50	50	18.42	18.32	18.32	18.80
				100	0	18.42	18.50	18.56	18.80
		256QAM	256QAM	1	0	18.49	18.63	18.52	18.80
				1	50	18.48	18.36	18.43	18.80
				1	99	18.42	18.48	18.41	18.80
				50	0	18.41	18.67	18.38	18.80
				50	25	18.35	18.51	18.48	18.80
				50	50	18.44	18.50	18.35	18.80
				100	0	18.44	18.49	18.26	18.80

6 Conducted Power of Downlink CA

6.1 Conducted Power of LTE Downlink CA (Ant1)

DL LTE CA Class(ECI 1)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.70	23.85	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.63	23.81	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.71	23.71	24.80
CA_2A-14A	Band 14	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	23.79	23.79	24.80
CA_2A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	22.72	22.78	23.80
	Band 17	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.84	22.84	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.80	22.89	23.80
CA_4A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	22.74	22.85	23.80
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.64	22.76	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.77	22.88	23.80
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.76	23.83	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.67	23.80	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.72	23.86	24.80
CA_14A-30A	Band 14	10M	793	23330	QPSK	1	0	Band 30	10M	2355.0	9820	/	/	/	/	23.72	23.87	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	740	5790	/	/	/	/	20.83	20.90	21.80
CA_14A-66A	Band 14	10M	793	23330	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.56	23.70	24.80
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.63	23.74	24.80
CA_2A-4A-12A	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.72	24.80
CA_2A-4A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.80	24.80
CA_2A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.63	23.72	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	20.69	20.83	21.80
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.62	23.70	24.80
CA_2A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.69	23.81	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	20.66	20.77	21.80
CA_2A-12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.71	23.78	24.80
CA_2A-66A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 4	20M	2132.5	2175	23.79	23.82	24.80
CA_4A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.58	23.74	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	20.63	20.70	21.80
CA_4A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.64	23.76	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	20.82	20.89	21.80
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.83	23.85	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	20.70	20.88	21.80
CA_12A-30A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.90	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	20.69	20.75	21.80
CA_2A-2A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.59	23.75	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80

	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.70	23.77	24.80
CA_2A-2A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.73	23.78	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.68	23.87	24.80
CA_4A-4A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.63	23.78	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.73	23.88	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.85	23.90	24.80
CA_4A-4A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.58	23.72	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.72	23.89	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.79	23.84	24.80
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.61	23.74	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.67	23.70	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.83	23.88	24.80
CA_12A-66A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.88	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.85	23.86	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.83	24.80
CA_26A-48A-48A	Band 26	15M	821.5	26765	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.55	23.70	24.80
	Band 26	15M	831.5	26865	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.79	23.89	24.80
	Band 26	15M	841.5	26965	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.70	23.78	24.80
CA_30A-66A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	20.70	20.90	21.80
CA_66A-66A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.65	23.84	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.81	23.89	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.59	23.75	24.80
CA_12A-66C	Band 12	10M	704	23060	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.71	23.72	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.82	23.84	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.66	23.81	24.80
CA_66C-71A	Band 71	20M	673	133222	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.66	23.79	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.61	23.76	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.80	23.82	24.80

DL LTE CA Class(ECI 3)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	L Chann	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.70	23.85	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.63	23.81	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.71	23.71	24.80
CA_2A-14A	Band 14	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	23.79	23.79	24.80
CA_2A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	22.72	22.78	23.80
	Band 17	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.84	22.84	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.80	22.89	23.80
CA_4A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	22.74	22.85	23.80

	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.64	22.76	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.77	22.88	23.80
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.76	23.83	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.67	23.80	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.72	23.86	24.80
CA_14A-30A	Band 14	10M	793	23330	QPSK	1	0	Band 30	10M	2355.0	9820	/	/	/	/	23.72	23.87	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	740	5790	/	/	/	/	19.56	19.74	20.80
CA_14A-66A	Band 14	10M	793	23330	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.56	23.70	24.80
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.63	23.74	24.80
CA_2A-4A-12A	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.72	24.80
CA_2A-4A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.80	24.80
CA_2A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.63	23.72	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	19.71	19.82	20.80
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.62	23.70	24.80
CA_2A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.69	23.81	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	19.65	19.70	20.80
CA_2A-12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.71	23.78	24.80
CA_2A-66A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 4	20M	2132.5	2175	23.79	23.82	24.80
CA_4A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.58	23.74	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	19.71	19.71	20.80
CA_4A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.64	23.76	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	19.82	19.88	20.80
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.83	23.85	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	19.79	19.86	20.80
CA_12A-30A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.90	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	19.69	19.72	20.80
CA_2A-2A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.59	23.75	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.70	23.77	24.80
CA_2A-2A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.73	23.78	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.68	23.87	24.80
CA_4A-4A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.63	23.78	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.73	23.88	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.85	23.90	24.80
CA_4A-4A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.58	23.72	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.72	23.89	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.79	23.84	24.80
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.61	23.74	24.80

	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.67	23.70	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.83	23.88	24.80
CA_12A-66A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.88	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.85	23.86	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.83	24.80
CA_26A-48A-48A	Band 26	15M	821.5	26765	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.55	23.70	24.80
	Band 26	15M	831.5	26865	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.79	23.89	24.80
	Band 26	15M	841.5	26965	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.70	23.78	24.80
CA_30A-66A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	19.61	19.80	20.80
CA_66A-66A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.65	23.84	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.81	23.89	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.59	23.75	24.80
CA_12A-66C	Band 12	10M	704	23060	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.71	23.72	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.82	23.84	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.66	23.81	24.80
CA_66C-71A	Band 71	20M	673	133222	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.66	23.79	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.61	23.76	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084	23.80	23.82	24.80

DL LTE CA Class(ECI 4)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	L Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.70	23.85	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.63	23.81	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.71	23.71	24.80
CA_2A-14A	Band 14	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	23.79	23.79	24.80
CA_2A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	22.72	22.78	23.80
	Band 17	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.84	22.84	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	22.80	22.89	23.80
CA_4A-17A	Band 17	10M	709	23780	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	22.74	22.85	23.80
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.64	22.76	23.80
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	22.77	22.88	23.80
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.76	23.83	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.67	23.80	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.72	23.86	24.80
CA_14A-30A	Band 14	10M	793	23330	QPSK	1	0	Band 30	10M	2355.0	9820	/	/	/	/	23.72	23.87	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	740	5790	/	/	/	/	21.77	21.77	22.80
CA_14A-66A	Band 14	10M	793	23330	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.56	23.70	24.80
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.63	23.74	24.80
CA_2A-4A-12A	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.72	24.80
CA_2A-4A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.60	23.80	24.80

CA_2A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.63	23.72	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	21.66	21.77	22.80
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.62	23.70	24.80
CA_2A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.69	23.81	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	21.80	21.85	22.80
CA_2A-12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960	900	23.71	23.78	24.80
CA_2A-66A-71A	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 4	20M	2132.5	2175	23.79	23.82	24.80
CA_4A-5A-30A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.58	23.74	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	21.64	21.77	22.80
CA_4A-12A-30A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.64	23.76	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.71	21.80	22.80
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.83	23.85	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	21.85	21.86	22.80
CA_12A-30A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.90	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	21.73	21.74	22.80
CA_2A-2A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.59	23.75	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.70	23.77	24.80
CA_2A-2A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.53	23.73	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.73	23.78	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.68	23.87	24.80
CA_4A-4A-12A	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.63	23.78	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.73	23.88	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.85	23.90	24.80
CA_4A-4A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.58	23.72	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.72	23.89	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.79	23.84	24.80
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.61	23.74	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.67	23.70	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.83	23.88	24.80
CA_12A-66A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.88	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.85	23.86	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.80	23.83	24.80
CA_26A-48A-48A	Band 26	15M	821.5	26765	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.55	23.70	24.80
	Band 26	15M	831.5	26865	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.79	23.89	24.80
	Band 26	15M	841.5	26965	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.70	23.78	24.80
CA_30A-66A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	21.90	21.90	22.80
CA_66A-66A-71A	Band 71	20M	673	133222	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.65	23.84	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.81	23.89	24.80

	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.59	23.75	24.80
CA_12A-66C	Band 12	10M	704	23060	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.71	23.72	24.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.82	23.84	24.80
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.66	23.81	24.80
CA_66C-71A	Band 71	20M	673	133222	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.66	23.79	24.80
	Band 71	20M	683	133322	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.61	23.76	24.80
	Band 71	20M	688	133372	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	20M	2174.80	67084.00	23.80	23.82	24.80

6.2 Conducted Power of LTE Downlink CA (Ant2)

DL LTE CA Class(ECI 1/3/4)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_66B	Band 66	10M	1715	132022	QPSK	1	0	Band 66	10M	2124.9	66585	/	/	/	/	23.25	23.26	24.30
	Band 66	10M	1750.1	132373	QPSK	1	0	Band 66	10M	2160	66936	/	/	/	/	23.19	23.25	24.30
	Band 66	10M	1765.1	132523	QPSK	1	0	Band 66	10M	2175	67086	/	/	/	/	23.07	23.23	24.30
CA_2C	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	/	/	/	/	23.23	23.39	24.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	/	/	/	/	23.31	23.32	24.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	/	/	/	/	23.30	23.36	24.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	23.02	23.22	24.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	23.36	23.37	24.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	23.22	23.24	24.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	23.32	23.40	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	23.14	23.20	24.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	23.14	23.20	24.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	23.36	23.36	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	23.38	23.39	24.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	23.23	23.37	24.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	23.25	23.30	24.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	23.18	23.22	24.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	23.14	23.30	24.30
CA_2A-14A	Band 2	20M	1860	18700	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	23.19	23.20	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	23.16	23.26	24.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 14	10M	763	5330	/	/	/	/	23.28	23.28	24.30
CA_2A-17A	Band 2	20M	1860	18700	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	23.08	23.20	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	23.27	23.33	24.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	23.31	23.37	24.30
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	23.29	23.30	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	23.22	23.36	24.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	23.33	23.40	24.30
CA_4A-48A	Band 4	20M	1720	20050	QPSK	1	99	Band 48	20M	3625	55990	/	/	/	/	23.14	23.23	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.17	23.36	24.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.31	23.32	24.30
CA_14A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	23.14	23.24	24.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	23.12	23.29	24.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	23.19	23.33	24.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	23.06	23.22	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	23.04	23.24	24.30
CA_2A-4A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	23.22	23.23	24.30

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 2	20M	1960	900	23.04	23.24	24.30
CA_2A-4A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	23.17	23.22	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	23.15	23.30	24.30
CA_2A-5A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	23.19	23.32	24.30
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155.0	66886	23.20	23.40	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 5	10M	881.5	2525	23.20	23.20	24.30
CA_2A-12A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	23.20	23.27	24.30
CA_2A-12A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155.0	66886	23.34	23.38	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	23.11	23.22	24.30
CA_2A-30A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.33	23.33	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 30	10M	2355.0	9820	23.39	23.39	24.30
CA_2A-48A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 66	20M	2155.0	66886	23.15	23.35	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 48	20M	3625	55990	23.12	23.25	24.30
CA_2A-66A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 71	20M	637	68786	23.22	23.22	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	23.14	23.23	24.30
CA_4A-5A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	23.09	23.27	24.30
CA_4A-12A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	23.09	23.24	24.30
CA_5A-30A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	23.29	23.32	24.30
CA_12A-30A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	23.32	23.33	24.30
CA_2A-2A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	23.20	23.24	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	23.19	23.39	24.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	23.15	23.34	24.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	23.26	23.40	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	23.29	23.39	24.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 4	20M	2132.5	2175	23.31	23.38	24.30
CA_2A-2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	23.07	23.27	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	23.07	23.26	24.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 12	10M	737.5	5095	23.25	23.40	24.30
CA_2A-2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	23.19	23.24	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	23.24	23.29	24.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	Band 66	20M	2155.0	66886	23.18	23.32	24.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	23.23	23.26	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	23.36	23.40	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	23.31	23.32	24.30
CA_2A-2A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	23.35	23.38	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	23.17	23.33	24.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 71	20M	637	68786	23.25	23.40	24.30
CA_2A-4A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.35	23.38	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.20	23.34	24.30

	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.30	23.38	24.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	23.25	23.34	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	23.18	23.23	24.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 2	20M	1960.0	900	23.32	23.33	24.30
CA_2A-48A-48A	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.17	23.25	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.20	23.37	24.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.15	23.24	24.30
CA_4A-4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	23.28	23.40	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	23.23	23.23	24.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 12	10M	737.5	5095	23.09	23.20	24.30
CA_4A-4A-71A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	23.18	23.34	24.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	23.26	23.34	24.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 71	20M	637	68786	23.22	23.32	24.30
CA_2A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	23.23	23.25	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	23.08	23.25	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 2	20M	1960.0	900	23.27	23.34	24.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	23.19	23.27	24.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	23.27	23.33	24.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	23.39	23.40	24.30
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	23.22	23.30	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	23.24	23.38	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	23.23	23.36	24.30
CA_12A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	23.19	23.32	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	23.26	23.33	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 12	10M	737.5	5095	23.16	23.27	24.30
CA_30A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	23.15	23.31	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	23.16	23.21	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 30	10M	2355.0	9820	23.07	23.20	24.30
CA_48A-48A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.08	23.26	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.12	23.31	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	23.14	23.27	24.30
CA_66A-66A-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	23.25	23.27	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	23.10	23.26	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 71	20M	637	68786	23.21	23.37	24.30
CA_2C-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	Band 66	20M	2155.0	66886	23.25	23.40	24.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	Band 66	20M	2155.0	66886	23.15	23.31	24.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	Band 66	20M	2155.0	66886	23.01	23.21	24.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	23.09	23.25	24.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	23.28	23.31	24.30

	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	23.27	23.33	24.30
CA_2A-48C	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.21	23.39	24.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.31	23.32	24.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.30	23.39	24.30
CA_66A-48C	Band 66	20M	1720	132072	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.34	23.36	24.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.01	23.20	24.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	23.22	23.24	24.30
CA_2A-66C	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	23.11	23.30	24.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	23.26	23.38	24.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	23.24	23.34	24.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 2	20M	1960.0	900	23.35	23.38	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 2	20M	1960.0	900	23.08	23.28	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 2	20M	1960.0	900	23.08	23.22	24.30
CA_12A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 12	10M	737.5	5095	23.09	23.26	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 12	10M	737.5	5095	23.11	23.29	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 12	10M	737.5	5095	23.32	23.32	24.30
CA_66C-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 66	20M	2155.0	66886	23.05	23.21	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 66	20M	2155.0	66886	23.28	23.40	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 66	20M	2155.0	66886	23.13	23.22	24.30
CA_66C-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 71	20M	637	68786	23.37	23.37	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 71	20M	637	68786	23.23	23.40	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 71	20M	637	68786	23.17	23.26	24.30

6.3 Conducted Power of LTE Downlink CA (Ant3)

DL LTE CA Class(ECI 1)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.62	23.79	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.80	23.80	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.81	23.86	24.80
CA_66B	Band 66	10M	1715	132022	QPSK	1	0	Band 66	10M	2124.9	66585	/	/	/	/	22.24	22.37	23.30
	Band 66	10M	1750.1	132373	QPSK	1	0	Band 66	10M	2160	66936	/	/	/	/	22.22	22.40	23.30
	Band 66	10M	1765.1	132523	QPSK	1	0	Band 66	10M	2175	67086	/	/	/	/	22.35	22.36	23.30
CA_2C	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	/	/	/	/	21.56	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	/	/	/	/	21.67	21.74	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	/	/	/	/	21.87	21.89	22.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	22.27	22.38	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	22.24	22.29	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	22.19	22.25	23.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	21.67	21.72	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	21.58	21.73	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	21.64	21.70	22.80
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	22.35	22.38	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	22.22	22.35	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	22.08	22.28	23.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.33	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.17	22.29	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	22.34	22.40	23.30
CA_2A-14A	Band 2	20M	1860	18700	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	21.64	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	21.78	21.83	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 14	10M	763	5330	/	/	/	/	21.57	21.74	22.80
CA_2A-17A	Band 2	20M	1860	18700	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	21.83	21.89	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	21.64	21.79	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	21.62	21.78	22.80
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	22.13	22.31	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	22.25	22.35	23.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	22.22	22.35	23.30
CA_4A-48A	Band 4	20M	1720	20050	QPSK	1	99	Band 48	20M	3625	55990	/	/	/	/	22.22	22.40	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.23	22.29	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.11	22.22	23.30
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.86	23.89	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.80	23.88	24.80

	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.65	23.79	24.80
CA_14A-30A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	19.56	19.70	20.80
CA_14A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.22	22.36	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.27	22.36	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.14	22.23	23.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	21.77	21.84	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.17	22.28	23.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.55	23.73	24.80
CA_2A-4A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.74	21.75	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 2	20M	1960	900	22.11	22.26	23.30
CA_2A-4A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	21.83	21.85	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.27	22.35	23.30
CA_2A-5A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	21.64	21.83	22.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.66	23.79	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	19.67	19.83	20.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155.0	66886	21.63	21.70	22.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	23.79	23.85	24.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 5	10M	881.5	2525	22.16	22.33	23.30
CA_2A-12A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	21.53	21.70	22.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	19.88	19.88	20.80
CA_2A-12A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155.0	66886	21.72	21.90	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	22.26	22.36	23.30
CA_2A-30A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	21.55	21.72	22.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	19.62	19.80	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 30	10M	2355.0	9820	22.10	22.21	23.30
CA_2A-48A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 66	20M	2155.0	66886	21.61	21.80	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 48	20M	3625	55990	22.08	22.22	23.30
CA_2A-66A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 71	20M	637	68786	21.71	21.77	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.28	22.35	23.30
CA_4A-5A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.06	22.22	23.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.77	23.80	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	19.83	19.89	20.80
CA_4A-12A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.13	22.32	23.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	19.67	19.87	20.80
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.85	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	19.83	19.85	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.04	22.24	23.30
CA_12A-30A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	19.70	19.86	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.37	22.38	23.30

CA_2A-2A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.26	22.29	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.30	22.40	23.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.19	22.24	23.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.79	21.87	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.66	21.84	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 4	20M	2132.5	2175	21.86	21.87	22.80
CA_2A-2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.75	21.81	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.78	21.85	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 12	10M	737.5	5095	21.81	21.81	22.80
CA_2A-2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.69	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.85	21.87	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	Band 66	20M	2155.0	66886	21.77	21.81	22.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.17	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.32	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.24	23.30
CA_2A-2A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.57	21.71	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.63	21.77	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 71	20M	637	68786	21.56	21.74	22.80
CA_2A-4A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.55	21.75	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.69	21.89	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.88	21.88	22.80
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.34	22.37	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.35	22.36	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 2	20M	1960.0	900	22.14	22.24	23.30
CA_2A-48A-48A	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	21.60	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	21.67	21.71	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	21.63	21.74	22.80
CA_4A-4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.24	22.26	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.09	22.20	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 12	10M	737.5	5095	22.19	22.37	23.30
CA_4A-4A-71A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.23	22.26	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.35	22.37	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 71	20M	637	68786	22.22	22.39	23.30
CA_2A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.20	22.20	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.22	22.35	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 2	20M	1960.0	900	22.26	22.30	23.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.79	21.90	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.64	21.77	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.76	21.86	22.80

CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.19	22.23	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.22	22.30	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	22.09	22.28	23.30
	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.85	23.88	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.82	23.89	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.68	23.88	24.80
CA_12A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.31	22.36	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.15	22.25	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 12	10M	737.5	5095	22.30	22.33	23.30
CA_30A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.28	22.29	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.21	22.32	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 30	10M	2355.0	9820	22.20	22.34	23.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	19.68	19.86	20.80
CA_48A-48A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	22.19	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	22.25	22.38	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715.00	22.19	22.29	23.30
CA_66A-66A-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.26	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.13	22.31	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 71	20M	637	68786	22.23	22.36	23.30
CA_2C-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	Band 66	20M	2155.0	66886	21.73	21.79	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	Band 66	20M	2155.0	66886	21.53	21.70	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	Band 66	20M	2155.0	66886	21.58	21.74	22.80
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.21	22.23	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.18	22.22	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.22	22.30	23.30
CA_2A-48C	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.84	21.88	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.66	21.80	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.64	21.70	22.80
CA_66A-48C	Band 66	20M	1720	132072	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.14	22.30	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.12	22.27	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.24	22.28	23.30
CA_2A-66C	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.63	21.74	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.82	21.84	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.61	21.75	22.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 2	20M	1960.0	900	22.18	22.31	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 2	20M	1960.0	900	22.39	22.39	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 2	20M	1960.0	900	22.30	22.36	23.30
CA_12A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 12	10M	737.5	5095	22.26	22.33	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 12	10M	737.5	5095	22.19	22.28	23.30

	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 12	10M	737.5	5095	22.31	22.34	23.30
CA_66C-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 66	20M	2155.0	66886	22.32	22.32	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 66	20M	2155.0	66886	22.31	22.39	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 66	20M	2155.0	66886	22.27	22.40	23.30
CA_66C-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 71	20M	637	68786	22.30	22.30	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 71	20M	637	68786	22.27	22.35	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 71	20M	637	68786	22.22	22.37	23.30

DL LTE CA Class(ECI 3)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.62	23.79	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.80	23.80	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.81	23.86	24.80
CA_66B	Band 66	10M	1715	132022	QPSK	1	0	Band 66	10M	2124.9	66585	/	/	/	/	22.24	22.37	23.30
	Band 66	10M	1750.1	132373	QPSK	1	0	Band 66	10M	2160	66936	/	/	/	/	22.22	22.40	23.30
	Band 66	10M	1765.1	132523	QPSK	1	0	Band 66	10M	2175	67086	/	/	/	/	22.35	22.36	23.30
CA_2C	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	/	/	/	/	21.56	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	/	/	/	/	21.67	21.74	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	/	/	/	/	21.87	21.89	22.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	22.27	22.38	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	22.24	22.29	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	22.19	22.25	23.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	21.67	21.72	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	21.58	21.73	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	21.64	21.70	22.80
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	22.35	22.38	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	22.22	22.35	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	22.08	22.28	23.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.33	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.17	22.29	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	22.34	22.40	23.30
CA_2A-14A	Band 2	20M	1860	18700	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	21.64	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	21.78	21.83	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 14	10M	763	5330	/	/	/	/	21.57	21.74	22.80
CA_2A-17A	Band 2	20M	1860	18700	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	21.83	21.89	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	21.64	21.79	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	21.62	21.78	22.80
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	22.13	22.31	23.30

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	22.25	22.35	23.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	22.22	22.35	23.30
CA_4A-48A	Band 4	20M	1720	20050	QPSK	1	99	Band 48	20M	3625	55990	/	/	/	/	22.22	22.40	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.23	22.29	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.11	22.22	23.30
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.86	23.89	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.80	23.88	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.65	23.79	24.80
CA_14A-30A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	16.73	16.88	17.80
CA_14A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.22	22.36	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.27	22.36	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.14	22.23	23.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	21.77	21.84	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.17	22.28	23.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.55	23.73	24.80
CA_2A-4A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.74	21.75	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 2	20M	1960	900	22.11	22.26	23.30
CA_2A-4A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	21.83	21.85	22.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.27	22.35	23.30
CA_2A-5A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	21.64	21.83	22.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.66	23.79	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	16.60	16.71	17.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155.0	66886	21.63	21.70	22.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	23.79	23.85	24.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 5	10M	881.5	2525	22.16	22.33	23.30
CA_2A-12A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	21.53	21.70	22.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	16.65	16.83	17.80
CA_2A-12A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155.0	66886	21.72	21.90	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	22.26	22.36	23.30
CA_2A-30A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	21.55	21.72	22.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	16.76	16.79	17.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 30	10M	2355.0	9820	22.10	22.21	23.30
CA_2A-48A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 66	20M	2155.0	66886	21.61	21.80	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 48	20M	3625	55990	22.08	22.22	23.30
CA_2A-66A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 71	20M	637	68786	21.71	21.77	22.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.28	22.35	23.30
CA_4A-5A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.06	22.22	23.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.77	23.80	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	16.71	16.72	17.80

CA_4A-12A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.13	22.32	23.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	16.54	16.71	17.80
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.85	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	16.62	16.73	17.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.04	22.24	23.30
CA_12A-30A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	16.73	16.80	17.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.37	22.38	23.30
CA_2A-2A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.26	22.29	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.30	22.40	23.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.19	22.24	23.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.79	21.87	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.66	21.84	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 4	20M	2132.5	2175	21.86	21.87	22.80
CA_2A-2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.75	21.81	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.78	21.85	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 12	10M	737.5	5095	21.81	21.81	22.80
CA_2A-2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.69	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.85	21.87	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	Band 66	20M	2155.0	66886	21.77	21.81	22.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.17	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.32	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.24	23.30
CA_2A-2A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.57	21.71	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.63	21.77	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 71	20M	637	68786	21.56	21.74	22.80
CA_2A-4A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.55	21.75	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.69	21.89	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.88	21.88	22.80
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.34	22.37	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.35	22.36	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 2	20M	1960.0	900	22.14	22.24	23.30
CA_2A-48A-48A	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.60	21.73	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.67	21.71	22.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.63	21.74	22.80
CA_4A-4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.24	22.26	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.09	22.20	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 12	10M	737.5	5095	22.19	22.37	23.30
CA_4A-4A-71A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.23	22.26	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.35	22.37	23.30

	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 71	20M	637	68786	22.22	22.39	23.30
CA_2A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.20	22.20	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.22	22.35	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 2	20M	1960.0	900	22.26	22.30	23.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.79	21.90	22.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.64	21.77	22.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.76	21.86	22.80
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.19	22.23	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.22	22.30	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	22.09	22.28	23.30
	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.85	23.88	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.82	23.89	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.68	23.88	24.80
CA_12A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.31	22.36	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.15	22.25	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 12	10M	737.5	5095	22.30	22.33	23.30
CA_30A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.28	22.29	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.21	22.32	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 30	10M	2355.0	9820	22.20	22.34	23.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	16.68	16.85	17.80
CA_48A-48A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.19	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.25	22.38	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.19	22.29	23.30
CA_66A-66A-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.26	22.37	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.13	22.31	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 71	20M	637	68786	22.23	22.36	23.30
CA_2C-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	Band 66	20M	2155.0	66886	21.73	21.79	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	Band 66	20M	2155.0	66886	21.53	21.70	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	Band 66	20M	2155.0	66886	21.58	21.74	22.80
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.21	22.23	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.18	22.22	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.22	22.30	23.30
CA_2A-48C	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.84	21.88	22.80
	Band 2	20M	1880	18900	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.66	21.80	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.64	21.70	22.80
CA_66A-48C	Band 66	20M	1720	132072	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.14	22.30	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.12	22.27	23.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.24	22.28	23.30
CA_2A-66C	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.63	21.74	22.80

	Band 2	20M	1880	18900	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.82	21.84	22.80
	Band 2	20M	1900	19100	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.61	21.75	22.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 2	20M	1960.0	900	22.18	22.31	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 2	20M	1960.0	900	22.39	22.39	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 2	20M	1960.0	900	22.30	22.36	23.30
CA_12A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 12	10M	737.5	5095	22.26	22.33	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 12	10M	737.5	5095	22.19	22.28	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 12	10M	737.5	5095	22.31	22.34	23.30
CA_66C-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 66	20M	2155.0	66886	22.32	22.32	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 66	20M	2155.0	66886	22.31	22.39	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 66	20M	2155.0	66886	22.27	22.40	23.30
CA_66C-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 71	20M	637	68786	22.30	22.30	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 71	20M	637	68786	22.27	22.35	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 71	20M	637	68786	22.22	22.37	23.30

DL LTE CA Class(ECI 4)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	/	/	/	/	23.62	23.79	24.80
	Band 5	10M	831.6	20476	QPSK	1	0	Band 5	10M	886.5	2575	/	/	/	/	23.80	23.80	24.80
	Band 5	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600	/	/	/	/	23.81	23.86	24.80
CA_66B	Band 66	10M	1715	132022	QPSK	1	0	Band 66	10M	2124.9	66585	/	/	/	/	22.24	22.37	20.30
	Band 66	10M	1750.1	132373	QPSK	1	0	Band 66	10M	2160	66936	/	/	/	/	22.22	22.40	20.30
	Band 66	10M	1765.1	132523	QPSK	1	0	Band 66	10M	2175	67086	/	/	/	/	22.35	22.36	20.30
CA_2C	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	/	/	/	/	21.56	21.73	18.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	/	/	/	/	21.67	21.74	18.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	/	/	/	/	21.87	21.89	18.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	22.27	22.38	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	22.24	22.29	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	22.19	22.25	20.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	21.67	21.72	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	21.58	21.73	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	21.64	21.70	18.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	22.35	22.38	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	22.22	22.35	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	22.08	22.28	20.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.33	22.37	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	22.17	22.29	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	22.34	22.40	20.30

CA_2A-14A	Band 2	20M	1860	18700	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	21.64	21.73	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	21.78	21.83	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 14	10M	763	5330	/	/	/	/	21.57	21.74	18.30
CA_2A-17A	Band 2	20M	1860	18700	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	21.83	21.89	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	21.64	21.79	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	21.62	21.78	18.30
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	99	Band 17	10M	740	5790	/	/	/	/	22.13	22.31	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	/	/	/	/	22.25	22.35	20.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 17	10M	740	5790	/	/	/	/	22.22	22.35	20.30
CA_4A-48A	Band 4	20M	1720	20050	QPSK	1	99	Band 48	20M	3625	55990	/	/	/	/	22.22	22.40	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.23	22.29	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	22.11	22.22	20.30
CA_5A-48A	Band 5	10M	829	20450	QPSK	1	49	Band 48	20M	3625	55990	/	/	/	/	23.86	23.89	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.80	23.88	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 48	20M	3625	55990	/	/	/	/	23.65	23.79	24.80
CA_14A-30A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 14	10M	763	5330	/	/	/	/	12.28	12.40	13.30
CA_14A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.22	22.36	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.27	22.36	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 14	10M	763	5330	/	/	/	/	22.14	22.23	20.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	21.77	21.84	18.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	22.17	22.28	20.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.55	23.73	24.80
CA_2A-4A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	21.74	21.75	18.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 2	20M	1960	900	22.11	22.26	20.30
CA_2A-4A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	21.83	21.85	18.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.27	22.35	20.30
CA_2A-5A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	21.64	21.83	18.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 2	20M	1960	900	23.66	23.79	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	12.05	12.22	13.30
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155.0	66886	21.63	21.70	18.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	23.79	23.85	24.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 5	10M	881.5	2525	22.16	22.33	20.30
CA_2A-12A-30A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	21.53	21.70	18.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	12.15	12.22	13.30
CA_2A-12A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2155.0	66886	21.72	21.90	18.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 12	10M	737.5	5095	22.26	22.36	20.30
CA_2A-30A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	21.55	21.72	18.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	12.14	12.22	13.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 30	10M	2355.0	9820	22.10	22.21	20.30

CA_2A-48A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 66	20M	2155.0	66886	21.61	21.80	18.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 48	20M	3625	55990	22.08	22.22	20.30
CA_2A-66A-71A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 71	20M	637	68786	21.71	21.77	18.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786	Band 2	20M	1960	900	22.28	22.35	20.30
CA_4A-5A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.06	22.22	20.30
	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 4	20M	2132.5	2175	23.77	23.80	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	12.16	12.31	13.30
CA_4A-12A-30A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.13	22.32	20.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	12.11	12.23	13.30
CA_5A-30A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355.0	9820	Band 66	20M	2155.0	66886	23.85	23.90	24.80
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.5	2525	12.17	12.25	13.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355.0	9820	22.04	22.24	20.30
CA_12A-30A-66A	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 12	10M	737.5	5095	12.22	12.30	13.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355.0	9820	22.37	22.38	20.30
CA_2A-2A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.26	22.29	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.30	22.40	20.30
	Band 4	20M	1745	20300	QPSK	1	50	Band 2	20M	1960.0	900	Band 2	5M	1987.5	2375	22.19	22.24	20.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.79	21.87	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	21.66	21.84	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 4	20M	2132.5	2175	21.86	21.87	18.30
CA_2A-2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.75	21.81	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	21.78	21.85	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 12	10M	737.5	5095	21.81	21.81	18.30
CA_2A-2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.69	21.73	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2155.0	66886	21.85	21.87	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	Band 66	20M	2155.0	66886	21.77	21.81	18.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.17	22.37	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.32	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	Band 2	5M	1987.5	1175	22.16	22.24	20.30
CA_2A-2A-71A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.57	21.71	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	21.63	21.77	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	Band 71	20M	637	68786	21.56	21.74	18.30
CA_2A-4A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.55	21.75	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.69	21.89	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	21.88	21.88	18.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.34	22.37	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960.0	900	22.35	22.36	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 2	20M	1960.0	900	22.14	22.24	20.30
CA_2A-48A-48A	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.60	21.73	18.30

	Band 2	20M	1880	18900	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.67	21.71	18.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	21.63	21.74	18.30
CA_4A-4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.24	22.26	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.09	22.20	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 12	10M	737.5	5095	22.19	22.37	20.30
CA_4A-4A-71A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.23	22.26	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.35	22.37	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 71	20M	637	68786	22.22	22.39	20.30
CA_2A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.20	22.20	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 2	20M	1960.0	900	22.22	22.35	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 2	20M	1960.0	900	22.26	22.30	20.30
	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.79	21.90	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.64	21.77	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.5	67311	21.76	21.86	18.30
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.19	22.23	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	22.22	22.30	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	22.09	22.28	20.30
	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.85	23.88	24.80
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.82	23.89	24.80
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	23.68	23.88	24.80
CA_12A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.31	22.36	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.15	22.25	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 12	10M	737.5	5095	22.30	22.33	20.30
CA_30A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.28	22.29	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 30	10M	2355.0	9820	22.21	22.32	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 30	10M	2355.0	9820	22.20	22.34	20.30
	Band 30	10M	2310.0	27710	QPSK	1	0	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311	12.19	12.29	13.30
CA_48A-48A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.19	22.37	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.25	22.38	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 48	20M	3625	55990	Band 48	5M	3697.50	56715	22.19	22.29	20.30
CA_66A-66A-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.26	22.37	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 71	20M	637	68786	22.13	22.31	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	Band 71	20M	637	68786	22.23	22.36	20.30
CA_2C-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	20M	1959.8	898	Band 66	20M	2155.0	66886	21.73	21.79	18.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 2	20M	1969.9	999	Band 66	20M	2155.0	66886	21.53	21.70	18.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 2	20M	1980	1100	Band 66	20M	2155.0	66886	21.58	21.74	18.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.21	22.23	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.18	22.22	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960.0	900	Band 2	20M	1969.9	999	22.22	22.30	20.30

CA_2A-48C	Band 2	20M	1860	18700	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.84	21.88	18.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.66	21.80	18.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	21.64	21.70	18.30
CA_66A-48C	Band 66	20M	1720	132072	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.14	22.30	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.12	22.27	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 48	20M	3625	55990	Band 48	20M	3644.8	56188	22.24	22.28	20.30
CA_2A-66C	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.63	21.74	18.30
	Band 2	20M	1880	18900	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.82	21.84	18.30
	Band 2	20M	1900	19100	QPSK	1	99	Band 66	20M	2155.0	66886	Band 66	20M	2174.8	67084	21.61	21.75	18.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 2	20M	1960.0	900	22.18	22.31	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 2	20M	1960.0	900	22.39	22.39	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 2	20M	1960.0	900	22.30	22.36	20.30
CA_12A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 12	10M	737.5	5095	22.26	22.33	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 12	10M	737.5	5095	22.19	22.28	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 12	10M	737.5	5095	22.31	22.34	20.30
CA_66C-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 66	20M	2155.0	66886	22.32	22.32	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 66	20M	2155.0	66886	22.31	22.39	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 66	20M	2155.0	66886	22.27	22.40	20.30
CA_66C-71A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	Band 71	20M	637	68786	22.30	22.30	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	Band 71	20M	637	68786	22.27	22.35	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	Band 71	20M	637	68786	22.22	22.37	20.30

6.4 Conducted Power of LTE Downlink CA (Ant5)

DL LTE CA Class (ECI 1/3)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_48C	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	/	/	/	/	22.60	22.78	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	/	/	/	/	22.71	22.74	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	/	/	/	/	22.70	22.86	23.80
CA_48D	Band 48	20M	3560	55340	QPSK	1	0	Band 48	20M	3579.8	55538	Band 48	20M	3599.60	55736	22.61	22.78	23.80
	Band 48	20M	3625	55990	QPSK	1	0	Band 48	20M	3644.8	56188	Band 48	20M	3664.60	56386	22.77	22.86	23.80
	Band 48	20M	3690	56640	QPSK	1	0	Band 48	20M	3670.2	56442	Band 48	20M	3650.40	56244	22.76	22.76	23.80
CA_48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	22.60	22.80	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	22.86	22.89	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	22.68	22.82	23.80
CA_4A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	22.80	22.82	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	22.59	22.74	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	22.68	22.83	23.80
CA_5A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	22.54	22.72	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	22.70	22.76	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	22.60	22.70	23.80
CA_2A-48A-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	22.66	22.81	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	22.68	22.85	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	22.66	22.80	23.80
CA_2A-48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	22.73	22.78	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	22.58	22.72	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	22.59	22.70	23.80
CA_26A-48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	22.64	22.71	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	22.72	22.84	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	22.63	22.76	23.80
CA_48A-48A-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	22.64	22.70	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	22.75	22.86	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	22.72	22.74	23.80
CA_2A-48C	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 2	20M	1960.0	900	22.85	22.88	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 2	20M	1960.0	900	22.71	22.87	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 2	20M	1960.0	900	22.71	22.83	23.80
CA_48C-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 48	20M	3625	55990	22.74	22.89	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 48	20M	3625	55990	22.72	22.85	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 48	20M	3625	55990	22.68	22.77	23.80
CA_48C-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 66	20M	2155.0	66886	22.67	22.80	23.80
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 66	20M	2155.0	66886	22.79	22.85	23.80
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 66	20M	2155.0	66886	22.72	22.72	23.80

DL LTE CA Class (ECI 4)	PCC							SCC1				SCC2				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_48C	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	/	/	/	/	16.19	16.38	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	/	/	/	/	16.13	16.31	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	/	/	/	/	16.27	16.32	17.30
CA_48D	Band 48	20M	3560	55340	QPSK	1	0	Band 48	20M	3579.8	55538	Band 48	20M	3599.60	55736	16.25	16.38	17.30
	Band 48	20M	3625	55990	QPSK	1	0	Band 48	20M	3644.8	56188	Band 48	20M	3664.60	56386	16.37	16.37	17.30
	Band 48	20M	3690	56640	QPSK	1	0	Band 48	20M	3670.2	56442	Band 48	20M	3650.40	56244	16.19	16.20	17.30
CA_48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	16.17	16.30	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	16.15	16.31	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	/	/	/	/	16.21	16.34	17.30
CA_4A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	16.34	16.38	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	16.03	16.22	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	16.10	16.26	17.30
CA_5A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	16.15	16.22	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	16.14	16.21	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	16.20	16.32	17.30
CA_2A-48A-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	16.11	16.28	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	16.20	16.33	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 66	20M	2155.0	66886	Band 2	20M	1960.0	900	16.23	16.27	17.30
CA_2A-48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	16.20	16.23	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	16.03	16.20	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 2	20M	1960.0	900	16.22	16.23	17.30
CA_26A-48A-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	16.13	16.20	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	16.39	16.40	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 26	15M	876.5	8865	16.12	16.31	17.30
CA_48A-48A-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	16.13	16.27	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	16.31	16.38	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	5M	3697.50	56715.00	Band 66	20M	2155.0	66886	16.04	16.22	17.30
CA_2A-48C	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 2	20M	1960.0	900	16.24	16.29	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 2	20M	1960.0	900	16.23	16.26	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 2	20M	1960.0	900	16.27	16.37	17.30
CA_48C-48A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 48	20M	3625	55990	16.05	16.22	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 48	20M	3625	55990	16.21	16.23	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 48	20M	3625	55990	16.28	16.30	17.30
CA_48C-66A	Band 48	20M	3560	55340	QPSK	1	99	Band 48	20M	3579.8	55538	Band 66	20M	2155.0	66886	16.09	16.29	17.30
	Band 48	20M	3625	55990	QPSK	1	99	Band 48	20M	3644.8	56188	Band 66	20M	2155.0	66886	16.38	16.39	17.30
	Band 48	20M	3690	56640	QPSK	1	99	Band 48	20M	3670.2	56442	Band 66	20M	2155.0	66886	16.39	16.39	17.30

7 Conducted Power of NR Antenna

7.1 Conducted Power of NR Antenna (Ant1)

N5 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.59	23.60	24.80
		1	26	23.62	23.63	23.62	24.80
		1	49	23.58	23.55	23.47	24.80
		25	0	23.23	23.20	23.16	24.30
		25	13	23.65	23.66	23.67	24.80
		25	26	23.28	23.10	23.04	24.30
	DFT-s-OFDM QPSK	1	1	23.57	23.53	23.54	24.80
		1	26	23.62	23.56	23.59	24.80
		1	49	23.55	23.46	23.51	24.80
		25	0	22.84	22.76	22.84	23.80
		25	13	23.64	23.61	23.62	24.80
		25	26	22.93	22.78	22.80	23.80
	DFT-s-OFDM 16QAM	1	1	22.57	22.31	22.36	23.80
		1	1	21.04	20.79	20.81	22.30
		1	1	19.64	19.40	19.44	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	166300	167300	168300	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz (15k)	DFT-s-OFDM QPSK	1	1	165800	167300	168800	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz (15k)	DFT-s-OFDM QPSK	1	1	165300	167300	169300	24.80

N26 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.53	23.64	23.64	24.80
		1	26	23.57	23.66	23.61	24.80
		1	49	23.58	23.58	23.52	24.80
		25	0	23.25	23.12	23.40	24.30
		25	13	23.69	23.65	23.67	24.80
		25	26	23.36	23.18	23.27	24.30
		50	0	23.25	23.13	23.27	24.30
	DFT-s-OFDM QPSK	1	1	23.52	23.54	23.64	24.80
		1	26	23.59	23.62	23.58	24.80
		1	49	23.61	23.51	23.54	24.80
		25	0	22.76	22.81	22.90	23.80
		25	13	23.63	23.66	23.64	24.80
		25	26	22.89	22.88	22.82	23.80
	DFT-s-OFDM 16QAM	1	1	22.48	22.47	22.50	23.80
		1	1	20.94	20.95	21.01	22.30
DFT-s-OFDM 256QAM	1	1	19.55	19.54	19.60	20.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	22.29	22.30	22.32	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.55	23.60	23.58	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.58	23.56	23.60	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz(15k)	DFT-s-OFDM QPSK	1	1	23.62	23.61	23.65	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz(15k)	DFT-s-OFDM QPSK	1	1	23.52	23.60	23.58	24.80

N41 PC2 ECI 1/4				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	25.50	25.52	25.71	25.48	25.52	26.00
		1	137	24.69	24.61	24.77	24.68	24.67	26.00
		1	271	24.47	24.42	24.48	24.41	24.49	26.00
		135	0	21.82	21.78	22.00	21.81	21.82	22.50
		135	69	24.55	24.54	24.71	24.53	24.54	26.00
		135	138	21.04	21.03	21.31	21.04	21.10	22.50
		270	0	24.08	24.33	24.06	24.11	24.07	25.50
	DFT-s-OFDM QPSK	1	1	25.70	25.68	25.85	25.64	25.62	26.00
		1	137	24.52	24.50	24.75	24.52	24.51	26.00
		1	271	24.44	24.47	24.41	24.43	24.42	26.00
		135	0	22.00	21.95	22.15	21.93	21.91	22.50
		135	69	24.63	24.65	24.85	24.68	24.61	26.00
		135	138	21.27	21.20	21.44	21.21	21.28	22.50
		270	0	24.02	24.01	24.22	24.02	24.09	25.00
	DFT-s-OFDM 16QAM	1	1	24.63	24.62	24.82	24.65	24.63	25.00
	DFT-s-OFDM 64QAM	1	1	23.23	23.22	23.42	23.20	23.28	23.50
DFT-s-OFDM 256QAM	1	1	21.20	21.16	21.37	21.20	21.21	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202	512403	518598	524799	530997	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	26.00

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	25.32	25.47	25.51	25.59	25.36	26.00
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	25.27	25.44	25.62	25.56	25.39	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	25.33	25.42	25.59	25.41	25.43	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	25.58	25.44	25.61	25.38	25.41	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	25.55	25.36	25.57	25.39	25.47	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	25.29	25.32	25.52	25.33	25.49	26.00

N41 PC2 ECI 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	21.52	21.47	21.72	21.49	21.56	21.80
		1	137	20.65	20.60	20.80	20.70	20.63	21.80
		1	271	20.44	20.39	20.46	20.36	20.44	21.80
		135	0	17.86	17.83	18.00	17.86	17.85	18.30
		135	69	20.50	20.54	20.71	20.49	20.52	21.80
		135	138	17.05	17.02	17.36	17.07	17.15	18.30
		270	0	20.08	20.38	20.09	20.10	20.05	21.30
	DFT-s-OFDM QPSK	1	1	21.63	21.63	21.69	21.65	21.62	21.80
		1	137	20.49	20.55	20.76	20.57	20.50	21.80
		1	271	20.40	20.47	20.45	20.46	20.46	21.80
		135	0	17.97	17.90	18.14	17.94	17.94	18.30
		135	69	20.64	20.63	20.84	20.63	20.58	21.80
		135	138	17.32	17.24	17.47	17.26	17.29	18.30
		270	0	20.01	19.97	20.24	19.97	20.04	20.80
	DFT-s-OFDM 16QAM	1	1	20.68	20.66	20.80	20.64	20.62	20.80
	DFT-s-OFDM 64QAM	1	1	19.20	19.20	19.20	19.21	19.29	19.30
	DFT-s-OFDM 256QAM	1	1	17.20	17.20	17.27	17.18	17.16	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	

100MHz	CP-OFDM QPSK	1	1	20.13	20.08	20.14	20.07	20.04	20.30
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	21.62	21.67	21.73	21.59	21.56	21.80
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	21.56	21.61	21.76	21.56	21.55	21.80
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	21.46	21.53	21.75	21.56	21.52	21.80
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	21.53	21.65	21.67	21.54	21.51	21.80
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	21.61	21.67	21.77	21.56	21.51	21.80
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	21.38	21.42	21.65	21.54	21.30	21.80
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	21.34	21.43	21.51	21.60	21.36	21.80
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	21.23	21.48	21.64	21.59	21.43	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	21.31	21.47	21.64	21.42	21.46	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	21.57	21.41	21.60	21.37	21.43	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	21.52	21.36	21.56	21.39	21.50	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.30	21.29	21.57	21.37	21.50	21.80

N41 PC3 ECI 1/4				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	23.14	23.05	23.02	23.11	23.18	23.30
		1	137	22.34	22.32	22.21	21.83	22.38	23.30
		1	271	21.83	21.77	21.75	21.72	21.79	23.30
		135	0	21.50	21.51	21.35	22.29	21.45	22.80
		135	69	22.45	22.41	22.31	22.38	22.32	23.30
		135	138	21.24	21.26	21.33	21.66	21.21	22.80
		270	0	21.73	21.65	21.58	21.62	21.65	22.80
	DFT-s-OFDM QPSK	1	1	23.26	23.17	23.16	23.15	23.24	23.30
		1	137	22.44	22.42	22.31	22.41	22.48	23.30
		1	271	21.91	21.85	21.77	21.91	21.87	23.30
		135	0	21.55	21.56	21.40	21.53	21.50	22.30
		135	69	22.56	22.52	22.42	22.40	22.43	23.30
		135	138	21.34	21.36	21.19	21.31	21.31	22.30
		270	0	21.84	21.76	21.69	21.77	21.76	22.30
	DFT-s-OFDM 16QAM	1	1	21.75	21.68	21.58	21.62	21.74	22.30
	DFT-s-OFDM 64QAM	1	1	19.99	19.94	19.90	19.95	19.88	20.80
	DFT-s-OFDM 256QAM	1	1	18.48	18.48	18.28	18.46	18.43	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	21.34	21.29	21.25	21.39	21.27	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.98	23.17	23.01	23.11	23.09	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.13	23.08	23.07	23.00	22.97	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	23.10	23.08	23.12	22.99	23.09	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.17	23.02	23.11	23.09	23.07	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.03	23.12	23.01	23.09	23.07	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.15	23.10	23.22	23.12	23.09	23.30

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	22.97	23.06	23.04	22.99	22.92	23.30
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	22.98	23.02	23.16	23.02	23.07	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	22.89	22.99	22.82	23.07	22.88	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	22.96	23.01	22.92	23.08	22.97	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	22.92	23.09	23.03	23.02	22.94	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	23.11	22.97	22.92	23.01	23.09	23.30

N41 PC3 ECI 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	21.70	21.48	21.61	21.61	21.58	21.80
		1	137	20.89	20.81	20.69	20.30	20.88	21.80
		1	271	20.32	20.36	20.29	20.22	20.37	21.80
		135	0	20.04	19.92	19.85	20.87	19.98	21.30
		135	69	20.95	20.84	20.74	20.80	20.85	21.80
		135	138	19.72	19.84	19.74	20.21	19.76	21.30
		270	0	20.30	20.07	19.98	20.07	20.19	21.30
	DFT-s-OFDM QPSK	1	1	21.68	21.67	21.72	21.70	21.67	21.80
		1	137	20.84	20.98	20.86	20.87	20.88	21.80
		1	271	20.45	20.33	20.24	20.48	20.44	21.80
		135	0	19.95	19.96	19.92	20.03	19.96	20.80
		135	69	20.91	20.86	20.95	20.93	20.89	21.80
		135	138	19.85	19.83	19.75	19.72	19.87	20.80
		270	0	20.33	20.31	20.14	20.31	20.24	20.80
	DFT-s-OFDM 16QAM	1	1	20.20	20.10	20.14	20.18	20.31	20.80
DFT-s-OFDM 64QAM	1	1	18.57	18.34	18.44	18.53	18.45	19.30	
DFT-s-OFDM 256QAM	1	1	16.92	16.99	16.79	16.97	16.91	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	

100MHz	CP-OFDM QPSK	1	1	19.85	19.75	19.72	19.96	19.70	20.30
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	21.39	21.60	21.41	21.55	21.64	21.80
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	21.57	21.49	21.53	21.43	21.44	21.80
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	21.60	21.67	21.64	21.46	21.67	21.80
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	21.71	21.45	21.61	21.51	21.65	21.80
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	21.56	21.64	21.48	21.57	21.54	21.80
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	21.69	21.65	21.76	21.56	21.68	21.80
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	21.52	21.63	21.46	21.41	21.46	21.80
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	21.47	21.58	21.76	21.49	21.59	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.49	21.36	21.64	21.33	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	21.41	21.47	21.42	21.62	21.45	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	21.51	21.59	21.61	21.56	21.37	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.63	21.53	21.39	21.51	21.67	21.80

N71 ECI 1/3/4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				134600	136100	137600		
				673	680.5	688		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.13	24.23	24.05	24.80	
		1	26	24.14	24.12	24.12	24.80	
		1	49	24.02	24.10	24.01	24.80	
		25	0	23.62	23.72	23.59	24.30	
		25	13	24.24	24.21	24.14	24.80	
		25	26	23.60	23.74	23.55	24.30	
	DFT-s-OFDM QPSK	50	0	23.65	23.60	23.58	24.30	
		1	1	24.10	24.14	24.08	24.80	
		1	26	24.13	24.06	24.11	24.80	
		1	49	24.05	24.02	24.03	24.80	
		25	0	23.17	23.10	23.07	23.80	
		25	13	24.23	24.16	24.14	24.80	
	DFT-s-OFDM 16QAM	25	26	23.12	23.16	23.10	23.80	
		50	0	23.14	23.11	23.09	23.80	
		DFT-s-OFDM 64QAM	1	1	22.88	22.93	22.82	23.80
		DFT-s-OFDM 256QAM	1	1	21.36	21.43	21.34	22.30
DFT-s-OFDM 256QAM	1	1	19.92	20.02	19.90	20.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	CP-OFDM QPSK	1	1	134600	136100	137600	23.30	
15MHz	DFT-s-OFDM QPSK	1	1	134100	136100	138100	24.80	
10MHz	DFT-s-OFDM QPSK	1	1	133600	136100	138600	24.80	
20MHz(15k)	DFT-s-OFDM QPSK	1	1	134600	136100	137600	24.80	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	133100	136100	139100	24.80	

7.2 Conducted Power of NR Antenna (Ant2)

N2 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.24	23.18	23.16	24.30
		1	26	23.22	23.29	23.34	24.30
		1	49	23.24	23.24	23.22	24.30
		25	0	22.78	22.81	22.82	23.80
		25	13	23.41	23.33	23.29	24.30
		25	26	22.76	22.83	22.80	23.80
		50	0	22.82	22.82	22.80	23.80
	DFT-s-OFDM QPSK	1	1	23.23	23.15	23.19	24.30
		1	26	23.25	23.24	23.29	24.30
		1	49	23.19	23.20	23.24	24.30
		25	0	22.26	22.28	22.31	23.30
		25	13	23.35	23.30	23.32	24.30
		25	26	22.24	22.33	22.30	23.30
		50	0	22.31	22.27	22.32	23.30
	DFT-s-OFDM 16QAM	1	1	21.93	21.92	21.94	23.30
DFT-s-OFDM 64QAM	1	1	20.51	20.45	20.47	21.80	
DFT-s-OFDM 256QAM	1	1	19.09	19.06	19.05	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	372000	376000	38000	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz(15K)	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz(15K)	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.30

N25 ECI 1/3/4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				374000	376500	379000		
				1870	1882.5	1895		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.75	22.74	22.81	24.30	
		1	53	22.76	22.84	22.82	24.30	
		1	104	22.85	22.81	22.85	24.30	
		50	0	22.27	22.27	22.29	23.80	
		50	28	22.79	22.93	22.87	24.30	
		50	56	22.38	22.36	22.31	23.80	
	DFT-s-OFDM QPSK	1	1	22.76	22.72	22.78	24.30	
		1	53	22.77	22.83	22.81	24.30	
		1	104	22.80	22.81	22.89	24.30	
		50	0	21.77	21.83	21.81	23.30	
		50	28	22.82	22.90	22.87	24.30	
		50	56	21.85	21.80	21.87	23.30	
	DFT-s-OFDM 16QAM	1	1	21.98	21.93	22.01	23.30	
		DFT-s-OFDM 64QAM	1	1	20.54	20.52	20.57	21.80
		DFT-s-OFDM 256QAM	1	1	19.13	19.12	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	21.87	21.83	21.89	22.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	22.81	22.76	22.86	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	22.78	22.70	22.76	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	22.90	22.84	22.93	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	22.96	22.88	22.95	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	22.93	22.84	22.89	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				374000	376500	379000		

40MHz(15K)	DFT-s-OFDM QPSK	1	1	22.81	22.75	22.83	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz(15K)	DFT-s-OFDM QPSK	1	1	22.96	22.82	22.88	24.30

N66 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.08	23.04	23.11	24.30
		1	53	23.07	23.06	23.04	24.30
		1	104	23.02	23.03	23.02	24.30
		50	0	22.59	22.65	22.66	23.80
		50	28	23.24	23.17	23.18	24.30
		50	56	22.62	22.72	22.60	23.80
		100	0	22.64	22.66	22.58	23.80
	DFT-s-OFDM QPSK	1	1	23.10	23.03	23.05	24.30
		1	53	23.09	23.07	23.06	24.30
		1	104	23.00	23.02	23.01	24.30
		50	0	22.12	22.15	22.12	23.30
		50	28	23.21	23.18	23.16	24.30
		50	56	22.17	22.21	22.07	23.30
		100	0	22.16	22.14	22.13	23.30
	DFT-s-OFDM 16QAM	1	1	21.87	21.82	21.80	23.30
	DFT-s-OFDM 64QAM	1	1	20.43	20.35	20.39	21.80
	DFT-s-OFDM 256QAM	1	1	19.02	18.96	18.99	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.70	21.63	21.67	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.12	23.06	23.07	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
25MHz	DFT-s-OFDM QPSK	1	1	23.08	23.02	23.03	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
20MHz	DFT-s-OFDM QPSK	1	1	23.30	23.25	23.24	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
15MHz	DFT-s-OFDM QPSK	1	1	23.24	23.19	23.23	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
10MHz	DFT-s-OFDM QPSK	1	1	23.20	23.14	23.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
40MHz(15k)	DFT-s-OFDM QPSK	1	1	23.16	23.09	23.13	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	23.28	23.20	23.22	24.30

N70 ECI 1/3/4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				340500	/	/		
				1702.5	/	/		
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.12	/	/	24.30	
		1	19	23.16	/	/	24.30	
		1	36	23.09	/	/	24.30	
		18	0	22.68	/	/	23.80	
		18	10	23.25	/	/	24.30	
		18	20	22.70	/	/	23.80	
	DFT-s-OFDM QPSK	1	1	23.04	/	/	24.30	
		1	19	23.08	/	/	24.30	
		1	36	23.03	/	/	24.30	
		18	0	22.17	/	/	23.30	
		18	10	23.21	/	/	24.30	
		18	20	22.16	/	/	23.30	
		DFT-s-OFDM 16QAM	1	1	21.87	/	/	23.30
		DFT-s-OFDM 64QAM	1	1	20.42	/	/	21.80
		DFT-s-OFDM 256QAM	1	1	19.04	/	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				340500	/	/		
15MHz	CP-OFDM QPSK	1	1	21.78	/	/	22.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				340500	/	/		
10MHz	DFT-s-OFDM QPSK	1	1	23.09	/	/	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				340500	/	/		
15MHz (15k)	DFT-s-OFDM QPSK	1	1	23.13	/	/	24.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				339500(1697.5)	/	/		
5MHz (15k)	DFT-s-OFDM QPSK	1	1	23.16	/	/	24.30	

N77 PC2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.64	/	23.80
		1	137	/	23.15	/	23.80
		1	271	/	23.11	/	23.80
		135	0	/	19.54	/	20.30
		135	69	/	23.14	/	23.80
		135	138	/	19.66	/	20.30
		270	0	/	22.09	/	23.30
	DFT-s-OFDM QPSK	1	1	/	22.69	/	23.80
		1	137	/	23.16	/	23.80
		1	271	/	23.17	/	23.80
		135	0	/	19.57	/	20.30
		135	69	/	23.17	/	23.80
		135	138	/	19.65	/	20.30
		270	0	/	22.05	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	22.11	/	22.80
DFT-s-OFDM 64QAM	1	1	/	20.68	/	21.30	
DFT-s-OFDM 256QAM	1	1	/	18.66	/	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.76	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.06	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.01	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.00	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

40MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.99	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.99	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	23.04	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.80

N77 PC2				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	22.56	22.52	22.53	22.66	22.64	22.65	23.80
		1	137	23.04	23.05	22.99	23.11	23.11	23.12	23.80
		1	271	23.06	22.98	23.01	23.15	23.16	23.12	23.80
		135	0	19.43	19.45	19.44	19.50	19.51	19.59	20.30
		135	69	23.05	23.03	23.05	23.13	23.15	23.11	23.80
		135	138	19.54	19.56	19.60	19.66	19.64	19.63	20.30
		270	0	22.01	22.02	21.99	22.10	22.11	22.04	23.30
	DFT-s-OFDM QPSK	1	1	22.53	22.52	22.57	22.70	22.64	22.66	23.80
		1	137	23.02	23.06	23.05	23.10	23.12	23.08	23.80
		1	271	23.03	22.99	23.00	23.17	23.16	23.12	23.80
		135	0	19.47	19.45	19.48	19.52	19.54	19.58	20.30
		135	69	23.04	23.05	23.02	23.13	23.15	23.16	23.80
		135	138	19.55	19.55	19.55	19.62	19.62	19.65	20.30
		270	0	22.01	22.01	21.94	22.04	22.09	22.04	22.80

	DFT-s-OFDM 16QAM	1	1	22.00	22.03	22.07	22.16	22.10	22.09	22.80
	DFT-s-OFDM 64QAM	1	1	20.51	20.52	20.51	20.59	20.64	20.65	21.30
	DFT-s-OFDM 256QAM	1	1	18.56	18.56	18.55	18.63	18.68	18.72	19.30
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	21.69	21.65	21.66	21.69	21.70	21.70	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.95	22.97	23.01	22.96	23.03	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.96	23.01	22.98	23.00	22.96	22.96	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	23.02	22.97	23.03	23.03	22.96	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.97	23.04	22.99	23.02	23.00	22.99	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	23.03	22.98	22.98	22.95	23.01	22.99	23.80
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	23.03	22.95	23.02	22.96	22.95	23.00	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	22.98	22.99	22.99	23.00	22.98	23.02	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	23.02	22.97	23.01	23.03	22.98	23.00	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.97	23.03	22.98	22.95	22.96	22.99	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	23.00	23.00	23.01	22.96	22.97	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	

10MHz	DFT-s-OFDM QPSK	1	1	22.96	23.03	23.00	23.01	22.96	23.01	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	22.97	22.95	22.99	22.96	22.97	22.96	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	23.00	22.98	22.98	22.97	23.01	22.99	23.80

N77 PC3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.04	/	20.80
		1	137	/	20.12	/	20.80
		1	271	/	20.15	/	20.80
		135	0	/	19.14	/	20.30
		135	69	/	20.23	/	20.80
		135	138	/	19.11	/	20.30
		270	0	/	19.16	/	20.30
	DFT-s-OFDM QPSK	1	1	/	20.13	/	20.80
		1	137	/	20.08	/	20.80
		1	271	/	20.10	/	20.80
		135	0	/	19.15	/	19.80
		135	69	/	20.20	/	20.80
		135	138	/	19.09	/	19.80
		270	0	/	19.20	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	18.76	/	19.80
DFT-s-OFDM 64QAM	1	1	/	17.18	/	18.30	
DFT-s-OFDM 256QAM	1	1	/	15.56	/	16.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.58	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.94	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

70MHz	DFT-s-OFDM QPSK	1	1	/	19.94	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.94	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.92	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.89	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	19.91	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	19.89	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	19.96	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	19.92	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	19.91	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	19.91	/	20.80

N77 PC3				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	19.98	20.04	20.01	20.05	20.03	20.03	20.80	
		1	137	20.07	20.13	20.10	20.19	20.17	20.13	20.80	
		1	271	20.15	20.18	20.17	20.20	20.17	20.18	20.80	
		135	0	19.12	19.14	19.10	19.17	19.16	19.17	20.30	
		135	69	20.17	20.17	20.16	20.22	20.24	20.29	20.80	
		135	138	19.06	19.12	19.07	19.13	19.17	19.12	20.30	
		DFT-s-OFDM QPSK	270	0	19.22	19.22	19.21	19.23	19.22	19.23	20.30
	1		1	20.02	19.98	19.99	20.05	20.10	20.11	20.80	
	1		137	20.10	20.08	20.12	20.15	20.15	20.18	20.80	
	1		271	20.13	20.15	20.12	20.19	20.17	20.21	20.80	
	135		0	19.12	19.18	19.14	19.18	19.21	19.18	19.80	
	135		69	20.16	20.22	20.22	20.25	20.25	20.26	20.80	
			135	138	19.04	19.06	19.12	19.14	19.15	19.15	19.80
			270	0	19.17	19.20	19.19	19.22	19.26	19.23	19.80
	DFT-s-OFDM 16QAM	1	1	18.70	18.75	18.75	18.75	18.83	18.77	19.80	
	DFT-s-OFDM 64QAM	1	1	17.18	17.12	17.18	17.19	17.22	17.18	18.30	
	DFT-s-OFDM 256QAM	1	1	15.50	15.53	15.51	15.54	15.57	15.59	16.30	
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	18.56	18.57	18.58	18.59	18.56	18.58	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				649668	652200	654734	657268	659800	662332		
90MHz	DFT-s-OFDM QPSK	1	1	19.94	19.90	19.95	19.93	19.92	19.91	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				649334	652000	654668	657334	660000	662666		
80MHz	DFT-s-OFDM QPSK	1	1	19.95	19.95	19.95	19.94	19.89	19.94	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				649001	651800	654601	657401	660200	662999		
70MHz	DFT-s-OFDM QPSK	1	1	19.92	19.89	19.90	19.89	19.91	19.97	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				648668	651600	654534	657468	660400	663332		
60MHz	DFT-s-OFDM QPSK	1	1	19.96	19.92	19.89	19.92	19.97	19.97	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				648334	651400	654468	657534	660600	663666		
50MHz	DFT-s-OFDM QPSK	1	1	19.91	19.93	19.93	19.94	19.95	19.90	20.80	
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	19.91	19.89	19.96	19.93	19.88	19.94	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.95	19.96	19.97	19.97	19.93	19.92	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647500	Channel 650900	Channel 654301	Channel 657700	Channel 661100	Channel 664500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.91	19.89	19.92	19.93	19.97	19.91	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.89	19.96	19.89	19.89	19.91	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650700	Channel 654234	Channel 657767	Channel 661300	Channel 664833	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.97	19.93	19.91	19.88	19.94	19.92	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.94	19.92	19.93	19.96	19.93	19.95	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz(15k)	DFT-s-OFDM QPSK	1	1	19.92	19.94	19.92	19.97	19.92	19.95	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz(15k)	DFT-s-OFDM QPSK	1	1	19.89	19.93	19.90	19.89	19.96	19.90	20.80

7.3 Conducted Power of NR Antenna (Ant3)

N2 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.45	22.46	22.31	22.80
		1	26	22.49	22.43	22.43	22.80
		1	49	22.43	22.40	22.40	22.80
		25	0	21.94	21.89	21.83	22.30
		25	13	22.41	22.36	22.36	22.80
		25	26	21.88	21.90	21.93	22.30
		50	0	21.90	21.92	21.83	22.30
	DFT-s-OFDM QPSK	1	1	22.47	22.37	22.31	22.80
		1	26	22.42	22.34	22.37	22.80
		1	49	22.41	22.31	22.36	22.80
		25	0	21.38	21.32	21.35	21.80
		25	13	22.38	22.32	22.30	22.80
		25	26	21.33	21.40	21.37	21.80
	DFT-s-OFDM 16QAM	1	1	21.17	21.08	20.95	21.80
		1	1	19.75	19.71	19.68	20.30
1		1	17.82	17.76	17.79	18.30	
DFT-s-OFDM 256QAM	1	1	17.82	17.76	17.79	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.17	21.11	21.09	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.42	22.33	22.30	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.32	22.27	22.28	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376000	378000	
40MHz(15K)	DFT-s-OFDM QPSK	1	1	22.48	22.36	22.33	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz(15K)	DFT-s-OFDM QPSK	1	1	22.39	22.32	22.29	22.80

N2 ECI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.55	17.46	18.30
		1	26	17.51	17.49	17.61	18.30
		1	49	17.63	17.51	17.45	18.30
		25	0	16.97	16.98	16.88	17.80
		25	13	17.57	17.51	17.54	18.30
		25	26	16.94	16.94	17.06	17.80
		50	0	16.94	17.04	16.95	17.80
	DFT-s-OFDM QPSK	1	1	17.64	17.56	17.42	18.30
		1	26	17.51	17.45	17.38	18.30
		1	49	17.60	17.51	17.40	18.30
		25	0	16.43	16.49	16.44	17.30
		25	13	17.56	17.37	17.42	18.30
		25	26	16.52	16.52	16.51	17.30
		50	0	16.35	16.50	16.42	17.30
	DFT-s-OFDM 16QAM	1	1	16.37	16.22	16.09	17.30
DFT-s-OFDM 64QAM	1	1	14.90	14.84	14.88	15.80	
DFT-s-OFDM 256QAM	1	1	12.91	12.79	12.99	13.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	16.30	16.27	16.17	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.62	17.45	17.49	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.33	17.42	17.48	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz(15K)	DFT-s-OFDM QPSK	1	1	17.58	17.48	17.52	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz(15K)	DFT-s-OFDM QPSK	1	1	17.55	17.34	17.32	18.30

N25 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
				1870	1882.5	1895	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.97	21.95	21.75	22.80
		1	53	21.88	21.82	21.81	22.80
		1	104	21.85	21.78	21.77	22.80
		50	0	21.54	21.51	21.35	22.30
		50	28	21.92	21.97	21.75	22.80
		50	56	21.56	21.35	21.45	22.30
		100	0	21.43	21.59	21.37	22.30
	DFT-s-OFDM QPSK	1	1	21.90	21.96	21.80	22.80
		1	53	21.86	21.85	21.81	22.80
		1	104	21.87	21.77	21.81	22.80
		50	0	20.97	21.04	20.85	21.80
		50	28	21.88	21.96	21.79	22.80
		50	56	21.02	20.89	20.91	21.80
	DFT-s-OFDM 16QAM	1	1	20.68	20.73	20.66	21.80
	DFT-s-OFDM 64QAM	1	1	19.24	19.22	19.19	20.30
DFT-s-OFDM 256QAM	1	1	17.84	17.88	17.81	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	20.53	20.60	20.52	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.80	21.83	21.76	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.65	21.72	21.59	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.80	21.84	21.72	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.84	21.86	21.73	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.83	21.78	21.66	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz(15K)	DFT-s-OFDM QPSK	1	1	21.85	21.89	21.75	22.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz(15K)	DFT-s-OFDM QPSK	1	1	21.83	21.84	21.78	22.80

N25 ECI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
				1870	1882.5	1895	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.01	17.98	17.87	18.80
		1	53	17.99	17.91	17.99	18.80
		1	104	18.04	17.88	17.92	18.80
		50	0	17.64	17.59	17.45	18.30
		50	28	17.98	18.09	17.88	18.80
		50	56	17.66	17.36	17.56	18.30
	DFT-s-OFDM QPSK	1	1	17.90	18.00	17.91	18.80
		1	53	17.97	18.01	17.87	18.80
		1	104	18.01	17.88	17.99	18.80
		50	0	17.11	17.03	16.88	17.80
		50	28	18.04	18.06	17.84	18.80
		50	56	17.10	17.05	16.91	17.80
	DFT-s-OFDM 16QAM	1	1	17.04	17.15	17.08	17.80
		1	1	16.82	16.82	16.68	17.80
		1	1	15.41	15.33	15.27	16.30
	DFT-s-OFDM 64QAM	1	1	13.96	14.02	13.89	14.30
1		1					
DFT-s-OFDM 256QAM	1	1					
	1	1					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	16.55	16.66	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	17.87	17.85	17.82	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	17.66	17.72	17.69	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	17.84	17.85	17.71	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	18.01	18.01	17.91	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	

10MHz	DFT-s-OFDM QPSK	1	1	17.92	17.97	17.65	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz(15K)	DFT-s-OFDM QPSK	1	1	17.88	18.04	17.74	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz(15K)	DFT-s-OFDM QPSK	1	1	17.94	18.01	17.80	18.80

N30 ECI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	/	/	
				2310	/	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.41	/	/	14.80
		1	12	14.29	/	/	14.80
		1	22	14.16	/	/	14.80
		12	0	13.69	/	/	14.30
		12	6	14.18	/	/	14.80
		12	12	13.67	/	/	14.30
		24	0	13.54	/	/	14.30
	DFT-s-OFDM QPSK	1	1	14.28	/	/	14.80
		1	12	14.16	/	/	14.80
		1	22	14.00	/	/	14.80
		12	0	13.13	/	/	13.80
		12	6	14.15	/	/	14.80
		12	12	13.12	/	/	13.80
		24	0	13.02	/	/	13.80
	DFT-s-OFDM 16QAM	1	1	12.79	/	/	13.80
	DFT-s-OFDM 64QAM	1	1	11.37	/	/	12.30
	DFT-s-OFDM 256QAM	1	1	10.01	/	/	10.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				462000	/	/	
10MHz	CP-OFDM QPSK	1	1	12.85	/	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	/	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	14.26	/	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	14.33	14.27	14.18	14.80

N30 ECI 1				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	/	/	
				2310	/	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.06	/	/	22.30
		1	12	22.06	/	/	22.30
		1	22	21.90	/	/	22.30
		12	0	21.36	/	/	21.80
		12	6	21.93	/	/	22.30
		12	12	21.28	/	/	21.80
		24	0	21.32	/	/	21.80
	DFT-s-OFDM QPSK	1	1	21.94	/	/	22.30
		1	12	21.92	/	/	22.30
		1	22	21.75	/	/	22.30
		12	0	20.79	/	/	21.30
		12	6	21.88	/	/	22.30
		12	12	20.81	/	/	21.30
		24	0	20.76	/	/	21.30
	DFT-s-OFDM 16QAM	1	1	20.50	/	/	21.30
DFT-s-OFDM 64QAM	1	1	19.07	/	/	19.80	
DFT-s-OFDM 256QAM	1	1	17.70	/	/	17.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	/	/	
10MHz	CP-OFDM QPSK	1	1	20.54	/	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	/	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	22.05	/	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	22.00	21.91	21.83	22.30

N41 PC2 ECI 1				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	19.75	19.92	19.96	19.95	19.61	21.00
		1	137	19.90	20.10	19.91	19.91	19.97	21.00
		1	271	19.80	19.76	19.71	19.54	19.81	21.00
		135	0	16.39	16.44	16.44	16.61	16.37	17.50
		135	69	19.78	19.99	20.09	19.95	19.93	21.00
		135	138	16.67	16.58	16.28	16.51	16.62	17.50
		270	0	19.68	19.66	19.27	19.55	19.52	20.50
	DFT-s-OFDM QPSK	1	1	19.75	19.99	19.93	19.86	19.92	21.00
		1	137	20.14	19.91	20.01	19.81	19.71	21.00
		1	271	19.90	19.71	19.67	19.68	19.60	21.00
		135	0	16.44	16.46	16.45	16.42	16.32	17.50
		135	69	20.03	19.92	19.83	19.86	19.85	21.00
		135	138	16.43	16.45	16.37	16.52	16.43	17.50
		270	0	19.21	19.00	19.08	19.10	18.87	20.00
	DFT-s-OFDM 16QAM	1	1	19.12	19.15	19.21	19.24	19.14	20.00
	DFT-s-OFDM 64QAM	1	1	17.56	17.78	17.72	17.66	17.71	18.50
	DFT-s-OFDM 256QAM	1	1	15.69	15.75	15.93	15.84	15.67	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202	512403	518598	524799	530997	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	21.00

		RB size	RB offset	509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.14	16.18	16.24	15.98	16.02	17.00
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	17.20	17.47	17.55	17.28	17.30	18.50
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	17.51	17.58	17.68	17.34	17.54	18.50
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	17.35	17.59	17.52	17.40	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.28	17.43	17.42	17.60	17.40	18.50
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	17.40	17.52	17.51	17.18	17.35	18.50
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	17.27	17.56	17.41	17.49	17.64	18.50
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	17.23	17.55	17.70	17.53	17.43	18.50
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	17.38	17.63	17.51	17.48	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	17.52	17.55	17.66	17.64	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	17.45	17.56	17.57	17.52	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	17.34	17.42	17.59	17.43	17.21	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	501204	509904	518598	527298	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	17.00	17.52	17.15	17.52	16.97	18.50

N41 PC2 ECI 4				Conducted Power(dBm)						
SCS 3 0kHz										
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	14.52	15.20	14.98	15.07	14.89	16.00	
		1	137	15.21	15.12	15.18	15.31	15.04	16.00	
		1	271	15.02	14.84	14.99	14.72	15.01	16.00	
		135	0	11.61	11.72	11.56	11.75	11.57	12.50	
		135	69	14.89	15.14	15.34	15.22	15.15	16.00	
		135	138	11.77	11.69	11.47	11.71	11.77	12.50	
		270	0	14.76	14.69	14.68	14.69	14.93	15.50	
	DFT-s-OFDM QPSK	1	1	15.14	14.97	15.15	14.90	15.13	16.00	
		1	137	15.04	15.09	15.06	15.00	15.10	16.00	
		1	271	14.91	14.90	14.92	14.97	14.94	16.00	
		135	0	11.67	11.61	11.49	11.58	11.29	12.50	
		135	69	15.12	15.02	14.70	14.89	15.02	16.00	
		135	138	11.68	11.33	11.48	11.69	11.44	12.50	
	DFT-s-OFDM 16QAM	1	1	14.08	14.32	14.31	13.99	13.97	15.00	
		1	1	12.51	12.79	12.78	12.61	12.61	13.50	
		1	1	10.54	10.80	10.61	10.87	10.85	11.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	
	13.56	13.81	13.75	13.52	13.51	14.50				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996		
14.76	15.00	15.14	14.81	14.81	16.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998		
14.99	15.13	15.09	15.00	15.02	16.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	506202	512403	518598	524799	530997		
14.99	14.98	15.12	14.85	15.05	16.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996		
14.96	15.11	14.69	14.88	14.84	16.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998		
15.05	15.06	14.92	14.87	14.91	16.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				503202	510900	518598	526302	534000		

		RB size	RB offset	509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.07	18.48	18.37	18.31	18.16	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	19.77	19.82	19.93	19.81	19.59	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	19.69	19.96	19.75	19.72	19.76	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	19.62	19.92	19.81	19.64	19.66	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	19.52	19.89	19.62	19.78	19.55	21.00
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	19.65	19.77	19.76	19.82	19.59	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	19.64	19.77	19.62	19.52	19.57	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	19.49	19.62	19.68	19.83	19.72	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	19.68	19.97	19.85	19.92	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	19.65	19.75	19.73	19.71	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	19.64	19.66	19.72	19.60	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	19.49	19.74	19.65	19.56	19.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	19.53	19.75	19.59	19.55	19.53	21.00

N41 PC3 ECI 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	17.35	17.47	17.35	17.33	17.22	18.50
		1	137	17.61	17.58	17.39	17.48	17.28	18.50
		1	271	17.32	17.47	17.42	17.25	17.22	18.50
		135	0	17.04	16.99	17.02	17.07	16.92	18.00
		135	69	17.47	17.52	17.47	17.53	17.42	18.50
		135	138	17.00	16.91	16.86	16.99	16.90	18.00
		270	0	17.27	16.98	16.83	16.84	16.87	18.00
	DFT-s-OFDM QPSK	1	1	17.46	17.52	17.46	17.33	17.29	18.50
		1	137	17.71	17.59	17.69	17.52	17.30	18.50
		1	271	17.12	17.30	17.22	17.29	17.11	18.50
		135	0	16.61	16.73	16.41	16.51	16.54	17.50
		135	69	17.62	17.48	17.61	17.57	17.49	18.50
		135	138	16.69	16.54	16.44	16.50	16.42	17.50
	270	0	16.68	16.62	16.62	16.56	16.37	17.50	
	DFT-s-OFDM 16QAM	1	1	16.20	16.41	16.22	16.29	16.08	17.50
	DFT-s-OFDM 64QAM	1	1	14.61	14.68	14.67	14.55	14.57	16.00
	DFT-s-OFDM 256QAM	1	1	13.11	13.04	13.19	13.08	13.24	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202	512403	518598	524799	530997	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	

			RB offset	509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	13.38	13.69	13.35	13.29	13.40	14.50
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	14.80	14.89	14.91	15.04	14.75	16.00
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	14.84	14.94	14.99	14.73	14.72	16.00
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	14.80	14.86	14.80	14.88	14.80	16.00
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	14.86	14.99	14.78	14.68	14.83	16.00
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	14.76	14.95	15.00	14.99	14.63	16.00
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	14.89	15.01	14.72	14.57	14.81	16.00
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	14.72	14.74	14.92	14.96	14.69	16.00
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	14.94	15.00	15.09	15.10	15.08	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	14.87	14.90	14.75	14.91	14.78	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	14.67	14.83	14.90	14.85	14.68	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	14.66	14.77	14.66	14.74	14.62	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	14.57	14.88	14.72	14.53	14.72	16.00

N66 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.46	22.31	22.16	23.30
		1	53	22.56	22.29	22.19	23.30
		1	104	22.44	22.27	22.22	23.30
		50	0	22.03	21.93	22.01	22.80
		50	28	22.55	22.29	22.30	23.30
		50	56	22.10	21.95	22.05	22.80
		100	0	22.05	21.98	22.05	22.80
	DFT-s-OFDM QPSK	1	1	22.55	22.24	22.21	23.30
		1	53	22.51	22.26	22.19	23.30
		1	104	22.45	22.23	22.22	23.30
		50	0	21.53	21.42	21.52	22.30
		50	28	22.51	22.30	22.28	23.30
		50	56	21.56	21.50	21.57	22.30
	DFT-s-OFDM 16QAM	1	1	21.23	20.96	21.21	22.30
1		1	19.75	19.50	19.78	20.80	
1		1	18.37	18.11	18.39	18.80	
1		1	18.37	18.11	18.39	18.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.14	20.87	21.13	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.46	22.25	22.22	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
25MHz	DFT-s-OFDM QPSK	1	1	22.38	22.11	22.08	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
20MHz	DFT-s-OFDM QPSK	1	1	22.40	22.24	22.23	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
15MHz	DFT-s-OFDM QPSK	1	1	22.51	22.30	22.26	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
10MHz	DFT-s-OFDM QPSK	1	1	22.53	22.26	22.24	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
40MHz(15k)	DFT-s-OFDM QPSK	1	1	22.41	22.20	22.16	23.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	22.48	22.28	22.25	23.30

N66 ECI 4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
				1730	1745	1760		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.91	18.85	18.66	19.80	
		1	53	19.01	18.81	18.73	19.80	
		1	104	18.90	18.70	18.68	19.80	
		50	0	18.50	18.43	18.52	19.30	
		50	28	19.02	18.71	18.88	19.80	
		50	56	18.57	18.47	18.59	19.30	
	DFT-s-OFDM QPSK	1	1	18.87	18.72	18.77	19.80	
		1	53	19.05	18.79	18.69	19.80	
		1	104	18.94	18.68	18.79	19.80	
		50	0	17.95	17.93	18.10	18.80	
		50	28	19.06	18.88	18.86	19.80	
		50	56	18.00	18.05	17.99	18.80	
	DFT-s-OFDM 16QAM	1	1	17.71	17.44	17.78	18.80	
		DFT-s-OFDM 64QAM	1	1	16.20	16.00	16.29	17.30
			DFT-s-OFDM 256QAM	1	1	14.92	14.60	14.88
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				342500	349000	355500		

10MHz	DFT-s-OFDM QPSK	1	1	18.99	18.79	18.66	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
40MHz(15k)	DFT-s-OFDM QPSK	1	1	18.91	18.73	18.59	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	18.93	18.85	18.72	19.80

N70 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340500	/	/	
				1702.5	/	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.64	/	/	23.30
		1	19	22.72	/	/	23.30
		1	36	22.59	/	/	23.30
		18	0	22.31	/	/	22.80
		18	10	22.61	/	/	23.30
		18	20	22.21	/	/	22.80
		36	0	22.30	/	/	22.80
	DFT-s-OFDM QPSK	1	1	22.64	/	/	23.30
		1	19	22.66	/	/	23.30
		1	36	22.58	/	/	23.30
		18	0	21.78	/	/	22.30
		18	10	22.63	/	/	23.30
		18	20	21.70	/	/	22.30
		36	0	21.76	/	/	22.30
	DFT-s-OFDM 16QAM	1	1	21.45	/	/	22.30
	DFT-s-OFDM 64QAM	1	1	19.90	/	/	20.80
	DFT-s-OFDM 256QAM	1	1	18.56	/	/	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				340500	/	/	
15MHz	CP-OFDM QPSK	1	1	21.32	/	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340500	/	/	
10MHz	DFT-s-OFDM QPSK	1	1	22.54	/	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340500	/	/	
15MHz (15k)	DFT-s-OFDM QPSK	1	1	22.54	/	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500(1697.5)	/	/	
5MHz (15k)	DFT-s-OFDM QPSK	1	1	22.56	/	/	23.30

N70 ECI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340500	/	/	
				1702.5	/	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.07	/	/	20.80
		1	19	20.18	/	/	20.80
		1	36	19.97	/	/	20.80
		18	0	19.75	/	/	20.30
		18	10	19.98	/	/	20.80
		18	20	19.61	/	/	20.30
		36	0	19.74	/	/	20.30
	DFT-s-OFDM QPSK	1	1	20.04	/	/	20.80
		1	19	19.98	/	/	20.80
		1	36	19.99	/	/	20.80
		18	0	19.23	/	/	19.80
		18	10	20.00	/	/	20.80
		18	20	19.17	/	/	19.80
		36	0	19.12	/	/	19.80
	DFT-s-OFDM 16QAM	1	1	18.92	/	/	19.80
	DFT-s-OFDM 64QAM	1	1	17.37	/	/	18.30
DFT-s-OFDM 256QAM	1	1	15.97	/	/	16.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	CP-OFDM QPSK	1	1	18.67	/	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.97	/	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz (15k)	DFT-s-OFDM QPSK	1	1	20.02	/	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz (15k)	DFT-s-OFDM QPSK	1	1	19.97	/	/	20.80

7.4 Conducted Power of NR Antenna (Ant4)

N41 PC2 ECI 1/3/4				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	24.42	24.49	24.30	24.09	23.87	25.30
		1	137	24.31	24.07	23.94	23.81	23.76	25.30
		1	271	23.88	23.74	23.81	23.73	23.72	25.30
		135	0	21.13	21.11	20.98	20.80	20.67	21.80
		135	69	24.52	24.19	24.06	23.91	23.89	25.30
		135	138	20.76	20.63	20.64	20.60	20.49	21.80
		270	0	23.99	23.92	23.74	23.66	23.50	24.80
	DFT-s-OFDM QPSK	1	1	24.36	24.55	24.38	24.06	23.82	25.30
		1	137	24.32	24.03	23.96	23.84	23.71	25.30
		1	271	23.86	23.73	23.79	23.73	23.72	25.30
		135	0	21.16	21.14	21.01	20.83	20.71	21.80
		135	69	24.45	24.15	24.08	23.90	23.84	25.30
		135	138	20.72	20.65	20.67	20.60	20.53	21.80
		270	0	23.47	23.38	23.28	23.14	23.00	24.30
DFT-s-OFDM 16QAM	1	1	23.52	23.76	23.63	23.35	23.16	24.30	
DFT-s-OFDM 64QAM	1	1	22.05	22.25	22.18	21.92	21.73	22.80	
DFT-s-OFDM 256QAM	1	1	20.03	20.26	20.20	19.89	19.69	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202		518598		531000	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	25.30
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	24.58	24.35	24.27	23.80	23.98	25.30
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	24.38	24.12	24.01	23.93	23.95	25.30
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	24.44	24.14	24.01	24.06	23.86	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	24.35	24.15	24.23	24.08	23.90	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	24.60	24.22	24.26	24.10	23.85	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	24.44	24.35	24.11	23.95	23.94	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	24.45	24.28	24.08	23.91	23.77	25.30

N41 PC3 ECI 1/3/4				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	21.54	21.71	21.72	21.70	21.53	22.50
		1	137	21.46	21.39	21.42	21.37	21.42	22.50
		1	271	21.11	21.01	21.08	21.10	21.07	22.50
		135	0	21.14	21.17	21.02	21.04	20.91	22.00
		135	69	21.50	21.38	21.39	21.38	21.33	22.50
		135	138	20.64	20.71	20.70	20.67	20.75	22.00
		270	0	20.93	20.95	20.93	20.80	20.76	22.00
	DFT-s-OFDM QPSK	1	1	21.47	21.69	21.67	21.61	21.54	22.50
		1	137	21.55	21.32	21.37	21.38	21.42	22.50
		1	271	21.05	21.04	20.98	21.19	21.13	22.50
		135	0	20.68	20.65	20.63	20.49	20.46	21.50
		135	69	21.47	21.39	21.44	21.30	21.40	22.50
		135	138	20.17	20.17	20.28	20.29	20.14	21.50
		270	0	20.50	20.46	20.46	20.32	20.25	21.50
DFT-s-OFDM 16QAM	1	1	20.16	20.45	20.35	20.10	20.10	21.50	
DFT-s-OFDM 64QAM	1	1	18.53	18.81	18.72	18.56	18.57	20.00	

	DFT-s-OFDM 256QAM	1	1	16.96	17.20	17.26	17.03	16.96	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.94	20.19	20.31	20.12	20.05	21.00
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	21.47	21.72	21.77	21.51	21.42	22.50
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	21.43	21.65	21.66	21.50	21.40	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202		518598		531000	
70MHz	DFT-s-OFDM QPSK	1	1	21.23	21.61	21.57	21.48	21.34	22.50
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	21.11	21.42	21.36	21.23	21.20	22.50
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	21.11	21.38	21.38	21.22	21.17	22.50
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	21.12	21.35	21.37	21.22	21.16	22.50
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	20.98	21.32	21.29	21.10	21.07	22.50
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	21.14	21.39	21.40	21.22	21.16	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	20.98	21.43	21.39	21.27	21.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	21.17	21.35	21.37	21.07	20.99	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	20.97	21.28	21.39	21.18	21.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.08	21.35	21.23	21.18	21.07	22.50

N77 PC2 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.75	/	25.30
		1	137	/	24.07	/	25.30
		1	271	/	24.07	/	25.30
		135	0	/	20.48	/	21.80
		135	69	/	24.10	/	25.30
		135	138	/	20.81	/	21.80
		270	0	/	23.62	/	24.80
	DFT-s-OFDM QPSK	1	1	/	23.74	/	25.30
		1	137	/	24.07	/	25.30
		1	271	/	24.04	/	25.30
		135	0	/	20.48	/	21.80
		135	69	/	24.11	/	25.30
		135	138	/	20.79	/	21.80
		270	0	/	23.14	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.02	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	21.44	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	19.43	/	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.42	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.82	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.90	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.83	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.87	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.89	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

40MHz	DFT-s-OFDM QPSK	1	1	/	23.88	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	23.91	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	23.81	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.10	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	24.00	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.79	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	23.86	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	23.89	/	25.30

N77 PC2 ECI 1/3/4				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	23.91	23.82	24.10	24.36	24.58	24.62	25.30
		1	137	24.08	24.30	24.49	24.72	24.72	24.60	25.30
		1	271	24.26	24.40	24.57	24.57	24.39	24.30	25.30
		135	0	20.61	20.73	21.08	21.23	21.37	21.39	21.80
		135	69	24.21	24.40	24.63	24.94	24.97	24.86	25.30
		135	138	20.88	21.07	21.30	21.32	21.31	21.10	21.80
		270	0	23.67	23.96	24.18	24.29	24.47	24.31	24.80
	DFT-s-OFDM QPSK	1	1	23.82	23.73	24.02	24.30	24.48	24.54	25.30
		1	137	23.93	24.17	24.41	24.59	24.60	24.56	25.30
		1	271	24.13	24.30	24.45	24.42	24.32	24.17	25.30
		135	0	20.53	20.67	20.95	21.18	21.32	21.33	21.80
		135	69	24.11	24.33	24.58	24.81	24.85	24.74	25.30
		135	138	20.73	20.95	21.19	21.24	21.20	21.05	21.80
		270	0	23.06	23.32	23.57	23.73	23.86	23.68	24.30
	DFT-s-OFDM 16QAM	1	1	23.54	23.50	23.54	23.52	23.51	23.50	24.30
	DFT-s-OFDM 64QAM	1	1	22.10	22.07	22.03	22.06	22.11	22.05	22.80
DFT-s-OFDM 256QAM	1	1	20.00	20.06	19.99	20.03	19.99	20.05	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	23.02	23.01	23.02	22.97	23.02	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.36	24.34	24.32	24.36	24.31	24.32	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.42	24.45	24.44	24.42	24.41	24.43	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.47	24.50	24.47	24.45	24.50	24.46	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.48	24.48	24.48	24.50	24.46	24.55	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.57	24.62	24.59	24.57	24.62	24.55	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.61	24.61	24.61	24.61	24.58	24.63	25.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	24.66	24.66	24.60	24.63	24.68	24.59	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	24.55	24.57	24.53	24.52	24.49	24.48	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.71	24.67	24.75	24.71	24.72	24.70	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	24.61	24.65	24.61	24.62	24.57	24.66	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.63	24.63	24.63	24.59	24.57	24.64	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	24.52	24.48	24.52	24.48	24.47	24.51	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	24.48	24.52	24.48	24.51	24.50	24.50	25.30

N77 PC3 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.45	/	22.30
		1	137	/	21.65	/	22.30
		1	271	/	21.66	/	22.30
		135	0	/	20.52	/	21.80
		135	69	/	21.62	/	22.30
		135	138	/	20.69	/	21.80
		270	0	/	20.62	/	21.80
	DFT-s-OFDM QPSK	1	1	/	21.33	/	22.30
		1	137	/	21.67	/	22.30
		1	271	/	21.56	/	22.30
		135	0	/	20.50	/	21.30
		135	69	/	21.59	/	22.30
		135	138	/	20.70	/	21.30
		270	0	/	20.63	/	21.30
	DFT-s-OFDM 16QAM	1	1	/	20.09	/	21.30
	DFT-s-OFDM 64QAM	1	1	/	18.42	/	19.80
	DFT-s-OFDM 256QAM	1	1	/	16.92	/	17.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.00	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.46	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.45	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.41	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.48	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.52	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.55	/	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.61	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.44	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.66	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	21.68	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.58	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.60	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.59	/	22.30

N77 PC3 ECI 1/3/4				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	21.00	21.08	21.27	21.35	21.64	21.60	22.30
		1	137	21.50	21.47	21.78	21.74	22.06	21.96	22.30
		1	271	21.31	21.33	21.60	21.57	21.78	21.84	22.30
		135	0	20.31	20.26	20.63	20.53	20.83	20.86	21.80
		135	69	21.40	21.44	21.80	21.78	22.00	22.06	22.30
		135	138	20.40	20.42	20.66	20.74	20.95	21.11	21.80
		270	0	20.31	20.47	20.67	20.71	21.02	21.10	21.80
	DFT-s-OFDM QPSK	1	1	21.00	21.05	21.18	21.31	21.58	21.75	22.30
		1	137	21.33	21.36	21.63	21.58	21.91	21.89	22.30
		1	271	21.14	21.26	21.60	21.52	21.90	21.89	22.30
		135	0	20.38	20.28	20.66	20.58	20.83	20.82	21.30
		135	69	21.46	21.31	21.73	21.71	22.00	21.91	22.30
		135	138	20.50	20.32	20.65	20.70	21.07	21.06	21.30
	DFT-s-OFDM 16QAM	1	1	19.71	19.73	20.02	20.02	20.28	20.41	21.30
	DFT-s-OFDM 64QAM	1	1	18.22	18.26	18.50	18.40	18.75	18.77	19.80
DFT-s-OFDM 256QAM	1	1	16.55	16.51	16.84	16.87	17.10	17.25	17.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	19.64	19.78	20.10	20.01	20.28	20.31	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.22	21.13	21.48	21.47	21.87	21.68	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.09	21.06	21.50	21.42	21.65	21.77	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.19	21.22	21.35	21.44	21.75	21.66	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.1	21.28	21.44	21.48	21.82	21.87	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.37	21.38	21.52	21.60	21.97	21.81	22.30
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	21.36	21.27	21.58	21.64	21.94	22.01	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	21.29	21.31	21.71	21.67	21.92	21.90	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.13	21.13	21.53	21.50	21.76	21.84	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.25	21.39	21.61	21.63	21.96	21.92	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	21.46	21.41	21.77	21.69	22.07	21.90	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.35	21.43	21.73	21.63	22.02	22.01	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	21.31	21.29	21.59	21.68	22.03	22.03	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.43	21.32	21.61	21.65	21.92	21.86	22.30

7.5 Conducted Power of NR Antenna (Ant5)

N48 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
				3600	3624.99	3649.98	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.43	21.38	21.45	21.80
		1	53	21.41	21.33	21.43	21.80
		1	104	21.49	21.22	21.44	21.80
		50	0	20.88	20.86	20.90	21.30
		50	28	21.56	21.47	21.33	21.80
		50	56	20.93	20.84	20.86	21.30
	DFT-s-OFDM QPSK	1	1	21.47	21.42	21.40	21.80
		1	53	21.50	21.44	21.48	21.80
		1	104	21.48	21.30	21.39	21.80
		50	0	20.36	20.39	20.37	20.80
		50	28	21.53	21.56	21.52	21.80
		50	56	20.41	20.44	20.29	20.80
	DFT-s-OFDM 16QAM	1	1	20.10	20.10	20.01	20.80
		1	1	18.33	18.43	18.36	19.30
		1	1	16.88	16.93	16.83	17.30
		1	1	16.88	16.93	16.83	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	640000	641666	643332	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	637668	641666	645666	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	637334	641666	646000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	637168	641666	646166	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	637000	641666	646332	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz(15k)	DFT-s-OFDM QPSK	1	1	638334	641666	345000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz(15k)	DFT-s-OFDM QPSK	1	1	636834	641337	646500	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.52	21.35	21.38	21.80

N48 ECI 4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				640000	641666	643332		
				3600	3624.99	3649.98		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.00	16.94	16.77	17.30	
		1	53	17.05	16.88	16.73	17.30	
		1	104	16.99	16.84	16.72	17.30	
		50	0	16.29	16.56	16.23	16.80	
		50	28	17.15	17.12	16.78	17.30	
		50	56	16.29	16.50	16.34	16.80	
	DFT-s-OFDM QPSK	100	0	16.68	16.22	16.41	16.80	
		1	1	16.92	16.83	16.85	17.30	
		1	53	17.01	16.80	16.87	17.30	
		1	104	17.04	16.90	16.91	17.30	
		50	0	16.12	16.10	15.85	16.30	
		50	28	16.88	17.04	17.01	17.30	
	DFT-s-OFDM 16QAM	50	56	16.01	15.93	15.71	16.30	
		100	0	15.99	16.05	15.85	16.30	
		DFT-s-OFDM 64QAM	1	1	15.80	15.59	15.51	16.30
		DFT-s-OFDM 256QAM	1	1	13.78	13.99	14.05	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				640000	641666	643332		
40MHz	CP-OFDM QPSK	1	1	15.48	15.55	15.28	15.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637668	641666	645666		
30MHz	DFT-s-OFDM QPSK	1	1	16.81	16.75	16.75	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
20MHz	DFT-s-OFDM QPSK	1	1	17.06	17.10	17.08	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637168	641666	646166		
15MHz	DFT-s-OFDM QPSK	1	1	16.88	17.20	16.97	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637000	641666	646332		
10MHz	DFT-s-OFDM QPSK	1	1	16.97	16.84	16.85	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638334	641666	345000		
40MHz(15k)	DFT-s-OFDM QPSK	1	1	17.04	16.94	16.77	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				636834	641337	646500		
10MHz(15k)	DFT-s-OFDM QPSK	1	1	16.82	16.95	16.91	17.30	

N77 PC2 ECI 1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.13	/	23.00
		1	137	/	22.27	/	23.00
		1	271	/	22.22	/	23.00
		135	0	/	18.75	/	19.50
		135	69	/	22.45	/	23.00
		135	138	/	18.98	/	19.50
		270	0	/	21.37	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.91	/	23.00
		1	137	/	22.04	/	23.00
		1	271	/	22.23	/	23.00
		135	0	/	18.77	/	19.50
		135	69	/	22.26	/	23.00
		135	138	/	18.83	/	19.50
		270	0	/	21.22	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.20	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.62	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.72	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.61	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.12	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.01	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.09	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.22	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.24	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

40MHz	DFT-s-OFDM QPSK	1	1	/	22.31	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.23	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	22.33	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.26	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.19	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.22	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	22.27	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	22.33	/	23.00

N77 PC2 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.36	/	16.50
		1	137	/	15.55	/	16.50
		1	271	/	15.70	/	16.50
		135	0	/	12.20	/	13.00
		135	69	/	15.78	/	16.50
		135	138	/	12.49	/	13.00
		270	0	/	14.90	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.27	/	16.50
		1	137	/	15.69	/	16.50
		1	271	/	15.76	/	16.50
		135	0	/	12.02	/	13.00
		135	69	/	15.76	/	16.50
		135	138	/	12.40	/	13.00
	DFT-s-OFDM 16QAM	1	1	/	14.69	/	15.50
		1	1	/	13.33	/	14.00
		1	1	/	11.28	/	12.00
		1	1	/	11.28	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.12	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.71	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.60	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	15.57	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.57	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.84	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.74	/	16.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.62	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	15.78	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.83	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	16.00	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	15.68	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	15.82	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	15.72	/	16.50

N77 PC2 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.20	/	22.00
		1	137	/	21.28	/	22.00
		1	271	/	21.42	/	22.00
		135	0	/	17.84	/	18.50
		135	69	/	21.48	/	22.00
		135	138	/	18.04	/	18.50
		270	0	/	20.50	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.05	/	22.00
		1	137	/	21.24	/	22.00
		1	271	/	21.15	/	22.00
		135	0	/	17.53	/	18.50
		135	69	/	21.39	/	22.00
		135	138	/	18.02	/	18.50
		270	0	/	20.41	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.11	/	21.00
DFT-s-OFDM 64QAM	1	1	/	18.70	/	19.50	

	DFT-s-OFDM 256QAM	1	1	/	16.72	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.71	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.22	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.17	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.21	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.26	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.41	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.41	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	21.29	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.00

		RB size	RB offset	648334	651400	654468	657534	660600	663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.54	17.55	17.49	17.56	17.57	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.51	17.59	17.57	17.39	17.67	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	17.55	17.73	17.58	17.50	17.69	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	17.48	17.49	17.60	17.69	17.57	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.80	17.66	17.36	17.75	17.63	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	17.71	17.70	17.64	17.82	17.59	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.66	17.60	17.55	17.49	17.58	17.68	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	17.54	17.40	17.54	17.56	17.64	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	17.56	17.23	17.36	17.47	17.53	17.57	18.50

N77 PC2 ECI 1/3				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	22.45	22.56	22.33	22.44	22.59	22.81	23.50
		1	137	22.97	22.81	22.76	22.91	23.13	23.08	23.50
		1	271	22.66	22.73	22.75	22.89	23.02	22.87	23.50
		135	0	19.55	19.45	19.36	19.61	19.90	19.96	20.00
		135	69	22.98	22.77	23.04	22.85	23.24	23.15	23.50
		135	138	19.66	19.62	19.70	19.75	19.77	19.82	20.00
		270	0	21.76	21.78	21.79	21.76	22.01	22.19	23.00
	DFT-s-OFDM QPSK	1	1	22.42	22.28	22.21	22.32	22.67	22.83	23.50
		1	137	22.89	22.49	22.68	22.72	23.02	23.00	23.50
		1	271	22.58	22.73	22.61	22.74	23.01	22.93	23.50
135		0	19.48	19.49	19.53	19.41	19.86	19.61	20.00	

		RB size	RB offset	647000	650600	654200	657800	661400	665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.53	22.56	22.45	22.50	22.70	22.64	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	22.71	22.63	22.60	22.63	22.68	22.77	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	22.65	22.36	22.46	22.45	22.30	22.55	23.50

N77 PC3 ECI 1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.42	/	23.00
		1	137	/	21.59	/	23.00
		1	271	/	21.56	/	23.00
		135	0	/	21.08	/	22.50
		135	69	/	21.53	/	23.00
		135	138	/	21.07	/	22.50
		270	0	/	21.21	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.56	/	23.00
		1	137	/	21.68	/	23.00
		1	271	/	21.70	/	23.00
		135	0	/	20.55	/	22.00
		135	69	/	21.84	/	23.00
		135	138	/	20.79	/	22.00
		270	0	/	20.64	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.51	/	22.00
DFT-s-OFDM 64QAM	1	1	/	19.43	/	20.50	
DFT-s-OFDM 256QAM	1	1	/	17.00	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.96	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.42	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.45	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

70MHz	DFT-s-OFDM QPSK	1	1	/	21.43	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.59	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.52	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.64	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.42	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.51	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.58	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	21.47	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.56	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.42	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.50	/	23.00

N77 PC3 ECI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.00	/	16.50
		1	137	/	15.23	/	16.50
		1	271	/	15.14	/	16.50
		135	0	/	14.65	/	16.00
		135	69	/	15.15	/	16.50
		135	138	/	14.72	/	16.00
		270	0	/	14.51	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.05	/	16.50
		1	137	/	15.05	/	16.50
		1	271	/	15.09	/	16.50
		135	0	/	14.02	/	15.50
		135	69	/	15.07	/	16.50
		135	138	/	14.26	/	15.50
		270	0	/	14.11	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	13.95	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	13.05	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.52	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.54	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.91	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.11	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.99	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.95	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.05	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.09	/	16.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	14.98	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	14.94	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.10	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	14.96	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	15.13	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	15.10	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	15.00	/	16.50

N77 PC3 ECI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.42	/	22.00
		1	137	/	20.69	/	22.00
		1	271	/	20.53	/	22.00
		135	0	/	20.17	/	21.50
		135	69	/	20.64	/	22.00
		135	138	/	20.17	/	21.50
		270	0	/	20.18	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.48	/	22.00
		1	137	/	20.66	/	22.00
		1	271	/	20.57	/	22.00
		135	0	/	19.45	/	21.00
		135	69	/	20.78	/	22.00
		135	138	/	19.69	/	21.00
		270	0	/	19.59	/	21.00
DFT-s-OFDM 16QAM	1	1	/	19.45	/	21.00	
DFT-s-OFDM 64QAM	1	1	/	18.58	/	19.50	

	DFT-s-OFDM 256QAM	1	1	/	15.94	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.95	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.49	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.50	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.50	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.46	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.47	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.59	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	20.44	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	20.50	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.67	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	20.66	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	20.42	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	20.43	/	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	20.42	/	22.00

N77 PC3 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	17.80	17.59	17.56	17.57	17.69	17.97	18.50
		1	137	17.67	17.80	17.90	17.93	18.00	18.01	18.50
		1	271	17.43	17.82	17.94	18.01	18.04	17.95	18.50
		135	0	17.17	17.14	17.37	17.46	17.41	17.69	18.00
		135	69	17.58	17.82	17.74	17.89	17.95	18.10	18.50
		135	138	17.18	17.24	17.39	17.49	17.59	17.47	18.00
		270	0	17.13	17.04	17.25	17.37	17.55	17.60	18.00
	DFT-s-OFDM QPSK	1	1	17.52	17.35	17.37	17.71	17.87	17.98	18.50
		1	137	17.71	17.57	17.78	18.04	18.09	18.08	18.50
		1	271	17.59	17.87	17.88	17.93	17.70	17.86	18.50
		135	0	16.54	16.67	16.78	16.85	16.89	17.06	17.50
		135	69	17.48	17.67	17.97	18.18	18.20	18.22	18.50
		135	138	16.62	16.86	17.01	16.98	17.15	17.18	17.50
DFT-s-OFDM 16QAM	1	1	16.21	16.02	16.12	16.25	16.37	16.61	17.50	
DFT-s-OFDM 64QAM	1	1	14.65	14.41	14.56	14.53	14.64	14.91	16.00	
DFT-s-OFDM 256QAM	1	1	12.89	12.93	12.74	13.12	13.04	13.33	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	649998.08	652398.08	654798.02	657197.98	659597.9	661997.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649001	651800	654601	657401	660200	662999	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.48	17.66	18.00	18.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.94	17.72	17.59	17.93	17.97	18.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	17.78	17.70	17.80	18.00	18.04	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	17.71	17.80	17.49	17.80	18.04	18.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	18.02	17.78	17.75	17.86	18.11	18.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	17.81	17.68	17.55	17.61	18.00	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.81	17.76	17.53	17.73	17.94	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	17.77	17.72	17.71	17.99	18.15	18.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	17.79	17.65	17.66	17.76	17.97	18.14	18.50

N77 PC3 ECI 1/3				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	22.63	22.53	22.56	22.62	22.75	23.03	23.50
		1	137	22.56	22.62	22.82	23.04	23.14	22.98	23.50
		1	271	22.59	22.83	22.88	23.03	22.94	22.83	23.50
		135	0	22.24	22.19	22.30	22.31	22.52	22.51	23.00
		135	69	22.76	22.80	22.93	22.97	23.22	23.01	23.50
		135	138	22.22	22.18	22.41	22.57	22.55	22.56	23.00
	DFT-s-OFDM QPSK	1	1	22.55	22.49	22.55	22.69	22.87	23.00	23.50
		1	137	22.54	22.65	22.70	22.96	23.03	23.01	23.50
		1	271	22.59	22.81	22.83	22.92	22.91	22.85	23.50
		135	0	21.70	21.62	21.79	21.76	22.08	22.14	22.50
		135	69	22.62	22.65	22.97	22.96	23.18	23.21	23.50
		135	138	21.66	21.84	21.79	22.01	22.00	22.04	22.50
	DFT-s-OFDM 16QAM	1	1	21.18	21.22	21.24	21.38	21.50	21.66	22.50
		1	1	19.58	19.52	19.47	19.62	19.73	19.98	21.00
DFT-s-OFDM 256QAM	1	1	18.08	17.80	17.87	18.00	18.23	18.44	19.00	
	1	1	18.08	17.80	17.87	18.00	18.23	18.44	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649998.08	652398.08	654798.02	657197.98	659597.9	661997.95	
100MHz	CP-OFDM QPSK	1	1	21.23	20.98	21.05	21.09	21.34	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.67	22.68	22.68	22.70	22.82	23.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.60	22.44	22.49	22.69	22.91	23.04	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	22.76	22.45	22.60	22.65	22.94	22.98	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.85	22.64	22.76	22.80	23.09	23.32	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	22.65	22.61	22.59	22.75	22.90	23.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.83	22.70	22.82	22.83	23.09	23.14	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	22.89	22.58	22.69	22.90	23.03	22.60	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	22.76	22.76	22.71	22.77	22.97	23.24	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.82	22.81	22.80	22.76	23.08	23.34	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	22.66	22.54	22.65	22.86	22.98	23.08	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	22.79	22.65	22.63	22.77	23.01	23.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	22.84	22.68	22.78	22.84	23.12	23.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	22.87	22.58	22.71	22.79	22.97	23.22	23.50

7.6 Conducted Power of NR Antenna (Ant6)

N41 PC2 ECI 1/3/4				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	25.66	25.69	25.49	25.63	25.49	25.80
		1	137	24.56	24.78	24.60	24.74	24.49	25.80
		1	271	24.24	24.42	24.43	24.55	24.26	25.80
		135	0	22.04	22.23	22.19	22.14	22.04	22.30
		135	69	24.93	24.98	24.92	25.03	24.77	25.80
		135	138	22.04	22.21	22.05	22.17	21.93	22.30
		270	0	24.21	24.35	24.29	24.43	24.16	25.30
	DFT-s-OFDM QPSK	1	1	25.66	25.69	25.49	25.63	25.42	25.80
		1	137	24.56	24.78	24.60	24.74	24.49	25.80
		1	271	24.24	24.42	24.43	24.55	24.26	25.80
		135	0	22.04	22.23	22.19	22.14	22.04	22.30
		135	69	25.02	24.98	24.92	25.00	24.77	25.80
		135	138	22.04	22.21	22.05	22.17	21.93	22.30
	270	0	24.21	24.35	24.29	24.43	24.16	24.80	
	DFT-s-OFDM 16QAM	1	1	23.34	23.46	23.35	23.52	23.44	24.80
	DFT-s-OFDM 64QAM	1	1	21.84	22.07	21.95	22.06	21.79	23.30
	DFT-s-OFDM 256QAM	1	1	20.50	20.57	20.54	20.66	20.38	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1						25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	25.80

		RB size	RB offset	509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.54	21.62	21.68	21.56	21.69	21.80
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	22.99	23.20	23.15	23.12	22.97	23.30
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	23.01	23.18	23.12	23.03	23.03	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202		518598		531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.92	23.12	23.04	22.99	22.99	23.30
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	22.85	23.08	23.00	22.98	22.87	23.30
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	22.88	23.14	23.16	23.06	22.98	23.30
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	22.86	23.06	22.95	22.85	22.85	23.30
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	22.89	23.02	23.03	23.09	22.95	23.30
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	23.02	23.13	23.15	23.11	23.06	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
15MHz	DFT-s-OFDM QPSK	1	1	22.94	23.12	22.98	23.02	22.94	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz	DFT-s-OFDM QPSK	1	1	22.86	23.02	22.97	22.90	22.81	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	22.83	22.99	22.86	22.92	22.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	22.79	22.99	22.95	22.91	22.83	23.30

N77 PC2 ECI 1/3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.50	/	25.30
		1	137	/	24.62	/	25.30
		1	271	/	24.60	/	25.30
		135	0	/	21.23	/	21.80
		135	69	/	24.80	/	25.30
		135	138	/	21.29	/	21.80
		270	0	/	24.22	/	24.80
	DFT-s-OFDM QPSK	1	1	/	24.37	/	25.30
		1	137	/	24.50	/	25.30
		1	271	/	24.46	/	25.30
		135	0	/	21.10	/	21.80
		135	69	/	24.66	/	25.30
		135	138	/	21.19	/	21.80
		270	0	/	23.61	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.50	/	24.30
DFT-s-OFDM 64QAM	1	1	/	22.06	/	22.80	
DFT-s-OFDM 256QAM	1	1	/	19.93	/	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.95	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.36	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.43	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	24.40	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	24.46	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	24.51	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.56	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	24.53	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	24.46	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.55	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	24.50	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	24.44	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	24.44	/	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	24.36	/	25.30

N77 PC2 ECI 4				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.60	/	23.30	
		1	137	/	22.59	/	23.30	
		1	271	/	22.58	/	23.30	
		135	0	/	19.28	/	19.80	
		135	69	/	22.84	/	23.30	
		135	138	/	19.34	/	19.80	
	DFT-s-OFDM QPSK	270	0	/	22.29	/	22.80	
		1	1	/	22.30	/	23.30	
		1	137	/	22.45	/	23.30	
		1	271	/	22.41	/	23.30	
		135	0	/	19.11	/	19.80	
		135	69	/	22.74	/	23.30	
	DFT-s-OFDM 16QAM	135	138	/	19.21	/	19.80	
		270	0	/	21.60	/	22.30	
		DFT-s-OFDM 16QAM	1	1	/	21.56	/	22.30
		DFT-s-OFDM 64QAM	1	1	/	20.12	/	20.80
DFT-s-OFDM 256QAM	1	1	/	18.02	/	18.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	20.93	/	21.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		

90MHz	DFT-s-OFDM QPSK	1	1	/	22.44	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.46	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.40	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.43	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.43	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.62	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.56	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	22.48	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.50	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.43	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.36	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	22.42	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	22.30	/	23.30

N77 PC2 ECI 1/3				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	24.16	24.19	24.19	24.13	24.62	24.98	25.30
		1	137	24.55	24.48	24.94	24.88	24.84	24.81	25.30
		1	271	24.48	24.52	24.80	24.80	24.82	24.82	25.30
		135	0	20.76	20.71	21.01	21.06	21.07	20.97	21.80
		135	69	24.30	24.23	24.47	24.56	24.45	24.51	25.30
		135	138	20.87	20.87	21.10	21.14	21.11	21.13	21.80
		270	0	23.51	23.56	23.92	23.82	23.87	23.83	24.80
	DFT-s-OFDM QPSK	1	1	24.10	24.05	24.12	24.08	24.50	24.85	25.30
		1	137	24.50	24.43	24.79	24.75	24.70	24.75	25.30
		1	271	24.38	24.47	24.67	24.72	24.73	24.71	25.30
		135	0	20.63	20.58	20.90	20.92	20.96	20.88	21.80
		135	69	24.16	24.14	24.42	24.41	24.39	24.43	25.30
		135	138	20.74	20.77	21.01	21.06	21.06	21.04	21.80
	DFT-s-OFDM 16QAM	1	1	23.20	23.13	23.11	23.15	23.69	23.70	24.30
	DFT-s-OFDM 64QAM	1	1	21.96	21.98	21.97	21.97	22.52	22.47	22.80
DFT-s-OFDM 256QAM	1	1	19.85	19.91	19.85	19.86	20.36	20.35	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	22.44	22.37	22.45	22.42	22.97	22.92	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.08	24.05	24.05	24.06	24.58	24.52	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.17	24.10	24.11	24.14	24.68	24.66	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.05	24.13	24.12	24.10	24.63	24.55	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.23	24.17	24.19	24.65	24.69	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.68	24.61	24.61	24.66	25.06	25.06	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.76	24.74	24.74	24.79	25.12	25.00	25.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	24.82	24.81	24.85	24.82	25.07	25.01	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	24.69	24.64	24.67	24.65	25.19	25.15	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.90	24.87	24.90	24.87	25.08	25.02	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	24.73	24.66	24.70	24.68	25.13	25.20	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.77	24.77	24.79	24.75	25.14	25.15	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	24.00	24.08	24.00	24.04	24.49	24.52	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	23.97	23.92	23.97	23.97	24.49	24.49	25.30

N77 PC2 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	19.75	19.64	19.67	19.69	20.03	20.39	20.80
		1	137	20.11	20.06	20.43	20.45	20.39	20.26	20.80
		1	271	19.94	20.06	20.26	20.21	20.35	20.22	20.80
		135	0	16.34	16.22	16.61	16.65	16.54	16.47	17.30
		135	69	19.80	19.67	19.99	20.14	20.04	19.96	20.80
		135	138	16.39	16.47	16.54	16.59	16.63	16.73	17.30
		270	0	19.00	19.01	19.39	19.31	19.37	19.24	20.30
	DFT-s-OFDM QPSK	1	1	19.62	19.51	19.52	19.65	19.94	20.43	20.80
		1	137	19.91	19.91	20.39	20.24	20.17	20.27	20.80
		1	271	19.88	19.91	20.08	20.24	20.13	20.28	20.80
		135	0	16.18	16.04	16.42	16.45	16.44	16.46	17.30
		135	69	19.71	19.73	19.98	19.97	19.98	19.93	20.80
		135	138	16.17	16.23	16.53	16.55	16.63	16.61	17.30
	DFT-s-OFDM 16QAM	1	1	18.48	18.50	18.78	18.69	18.87	18.81	19.80
DFT-s-OFDM 64QAM	1	1	18.79	18.60	18.70	18.59	19.17	19.23	19.80	
				17.49	17.46	17.39	17.52	17.92	17.92	18.30

	DFT-s-OFDM 256QAM	1	1	15.37	15.45	15.45	15.30	15.94	15.78	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649001	651800	654601	657401	660200	662999	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	
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	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647666	651000	654334	657666	661000	664334	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	647500	650900	654301	657700	661100	664500	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647167	650700	654234	657767	661300	664833	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	647000	650600	654200	657800	661400	665000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz(15k)	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	19.47	19.41	19.53	19.56	20.07	20.06	20.80

N77 PC3 ECI 1/3/4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.48	/	22.30
		1	137	/	21.57	/	22.30
		1	271	/	21.51	/	22.30
		135	0	/	20.56	/	21.80
		135	69	/	21.67	/	22.30
		135	138	/	20.65	/	21.80
		270	0	/	21.17	/	21.80
	DFT-s-OFDM QPSK	1	1	/	21.36	/	22.30
		1	137	/	21.51	/	22.30
		1	271	/	21.38	/	22.30
		135	0	/	20.44	/	21.30
		135	69	/	21.52	/	22.30
		135	138	/	20.50	/	21.30
	DFT-s-OFDM 16QAM	1	1	/	20.00	/	21.30
	DFT-s-OFDM 64QAM	1	1	/	18.31	/	19.80
DFT-s-OFDM 256QAM	1	1	/	16.81	/	17.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.95	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.41	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.38	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.37	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.45	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.44	/	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.42	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.38	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	21.39	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.42	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	21.63	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.62	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.56	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	/	21.64	/	22.30

N77 PC3 ECI 1/3				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	21.22	21.05	21.05	21.20	21.30	21.32	22.30
		1	137	21.19	21.22	21.16	21.26	21.34	21.39	22.30
		1	271	21.04	20.99	21.00	21.01	21.19	21.17	22.30
		135	0	20.74	20.70	20.67	20.66	21.00	20.91	21.80
		135	69	21.13	21.12	21.17	21.17	21.40	21.35	22.30
		135	138	20.59	20.60	20.56	20.61	20.82	20.73	21.80
		270	0	20.67	20.63	20.63	20.60	20.83	20.74	21.80
	DFT-s-OFDM QPSK	1	1	21.20	21.05	21.10	21.21	21.30	21.35	22.30
		1	137	21.17	21.19	21.21	21.22	21.32	21.38	22.30
		1	271	21.02	20.98	21.05	20.97	21.17	21.20	22.30
		135	0	20.20	20.17	20.19	20.16	20.45	20.37	21.30
		135	69	21.15	21.11	21.12	21.15	21.35	21.36	22.30
		135	138	20.09	20.14	20.07	20.13	20.33	20.25	21.30
		270	0	20.12	20.10	20.15	20.13	20.32	20.27	21.30

	DFT-s-OFDM 16QAM	1	1	19.89	19.81	19.88	19.81	20.03	20.05	21.30
	DFT-s-OFDM 64QAM	1	1	18.32	18.35	18.29	18.28	18.26	18.30	19.80
	DFT-s-OFDM 256QAM	1	1	16.57	16.64	16.61	16.64	16.79	16.79	17.80
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	19.69	19.73	19.64	19.63	19.90	19.88	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	21.20	21.17	21.17	21.24	21.40	21.42	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.21	21.15	21.13	21.15	21.43	21.38	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	21.17	21.15	21.19	21.10	21.38	21.35	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.33	21.31	21.37	21.32	21.50	21.52	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	21.22	21.27	21.23	21.28	21.49	21.44	22.30
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	21.22	21.19	21.22	21.25	21.36	21.40	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	21.13	21.23	21.22	21.21	21.36	21.38	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.40	21.39	21.40	21.33	21.53	21.55	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.35	21.29	21.25	21.28	21.45	21.50	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	21.32	21.35	21.34	21.33	21.51	21.53	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.27	21.25	21.29	21.30	21.53	21.48	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	21.31	21.34	21.32	21.27	21.53	21.49	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	21.22	21.24	21.27	21.29	21.50	21.46	22.30

N77 PC3 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	19.68	19.50	19.64	19.77	19.87	19.76	20.80
		1	137	19.74	19.77	19.65	19.72	19.82	19.89	20.80
		1	271	19.53	19.57	19.52	19.53	19.74	19.76	20.80
		135	0	19.17	19.15	19.14	19.16	19.43	19.37	20.30
		135	69	19.70	19.65	19.76	19.66	19.81	19.79	20.80
		135	138	19.18	19.18	19.11	19.06	19.29	19.18	20.30
		270	0	19.23	19.10	19.16	19.19	19.31	19.30	20.30
	DFT-s-OFDM QPSK	1	1	19.70	19.47	19.55	19.68	19.73	19.82	20.80
		1	137	19.65	19.68	19.76	19.77	19.83	19.98	20.80
		1	271	19.42	19.42	19.52	19.39	19.62	19.65	20.80
		135	0	18.73	18.64	18.69	18.74	18.93	18.88	19.80
		135	69	19.59	19.55	19.64	19.63	19.80	19.86	20.80
		135	138	18.58	18.64	18.67	18.58	18.85	18.87	19.80
	DFT-s-OFDM 16QAM	1	1	18.36	18.31	18.31	18.29	18.43	18.48	19.80
		1	1	16.77	16.86	16.83	16.77	16.75	16.80	18.30
	DFT-s-OFDM 256QAM	1	1	14.98	15.21	15.04	15.07	15.33	15.32	16.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	18.22	18.25	18.20	18.15	18.30	18.40	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.76	19.73	19.70	19.65	19.87	20.01	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.66	19.71	19.73	19.59	19.99	19.89	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.71	19.73	19.60	19.51	19.79	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	

60MHz	DFT-s-OFDM QPSK	1	1	19.85	19.78	19.90	19.74	20.07	20.10	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.81	19.85	19.83	19.85	19.89	19.98	20.80
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	19.80	19.78	19.79	19.74	19.87	19.81	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.64	19.63	19.74	19.71	19.84	19.91	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647500	650900	654301	657700	661100	664500	
25MHz	DFT-s-OFDM QPSK	1	1	20.00	19.83	19.80	19.78	20.03	20.05	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.95	19.72	19.76	19.70	19.86	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647167	650700	654234	657767	661300	664833	
15MHz	DFT-s-OFDM QPSK	1	1	19.88	19.87	19.91	19.76	19.92	19.96	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	19.74	19.77	19.82	19.70	20.13	20.08	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz(15k)	DFT-s-OFDM QPSK	1	1	19.73	19.91	19.81	19.86	19.99	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz(15k)	DFT-s-OFDM QPSK	1	1	19.68	19.82	19.85	19.85	20.00	19.96	20.80

8 Conducted Power of WIFI and Bluetooth

8.1 Conducted Power of 2.4G WIFI

WIFI 2.4G ECI 1/2 ANT7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.20	20.00
	6	2437		19.83	20.00
	11	2462		19.56	20.00
802.11g	1	2412	6	17.29	19.00
	6	2437		18.65	19.00
	11	2462		18.49	19.00
802.11n HT20	1	2412	6.5	16.45	18.00
	6	2437		17.83	18.00
	11	2462		17.80	18.00
802.11ax HT20	1	2412	MCS0	16.61	18.00
	6	2437		17.88	18.00
	11	2462		17.89	18.00

WIFI 2.4G ECI 1/2 ANT9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.78	21.00
	6	2437		20.75	21.00
	11	2462		20.83	21.00
802.11g	1	2412	6	18.52	20.00
	6	2437		19.74	20.00
	11	2462		19.81	20.00
802.11n HT20	1	2412	6.5	17.65	19.00
	6	2437		18.78	19.00
	11	2462		18.76	19.00
802.11ax HT20	1	2412	MCS0	17.69	19.00
	6	2437		18.74	19.00
	11	2462		18.83	19.00

WIFI 2.4G ECI 1/2 MIMO							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11b	1	2412	1	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11g	1	2412	6	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11n HT20	1	2412	6.5	16.45	17.65	20.10	21.50
	6	2437		17.83	18.78	21.34	21.50
	11	2462		17.80	18.76	21.32	21.50
802.11ax HT20	1	2412	MCS0	16.61	17.69	20.19	21.50
	6	2437		17.88	18.74	21.34	21.50

	11	2462		17.89	18.83	21.40	21.50
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WIFI 2.4G ECI 3 ANT7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.20	20.00
	6	2437		19.83	20.00
	11	2462		19.56	20.00
802.11g	1	2412	6	17.29	19.00
	6	2437		18.65	19.00
	11	2462		18.49	19.00
802.11n HT20	1	2412	6.5	16.45	18.00
	6	2437		17.83	18.00
	11	2462		17.80	18.00
802.11ax HT20	1	2412	MCS0	16.61	18.00
	6	2437		17.88	18.00
	11	2462		17.89	18.00

WIFI 2.4G ECI 3 ANT9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.15	20.50
	6	2437		20.06	20.50
	11	2462		20.21	20.50
802.11g	1	2412	6	18.52	20.00
	6	2437		19.74	20.00
	11	2462		19.81	20.00
802.11n HT20	1	2412	6.5	16.39	18.00
	6	2437		17.66	18.00
	11	2462		17.63	18.00
802.11ax HT20	1	2412	MCS0	16.48	18.00
	6	2437		17.50	18.00
	11	2462		17.66	18.00

WIFI 2.4G ECI 3 MIMO							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11b	1	2412	1	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11g	1	2412	6	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11n HT20	1	2412	6.5	15.29	16.39	18.89	20.50
	6	2437		16.72	17.66	20.23	20.50
	11	2462		16.58	17.63	20.15	20.50
	1	2412	MCS0	15.46	16.48	19.01	20.50

802.11ax HT20	6	2437	16.68	17.50	20.12	20.50
	11	2462	16.68	17.66	20.21	20.50

WIFI 2.4G ECI 4 ANT7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.68	16.50
	6	2437		16.37	16.50
	11	2462		16.08	16.50
802.11g	1	2412	6	13.84	15.50
	6	2437		15.15	15.50
	11	2462		15.03	15.50
802.11n HT20	1	2412	6.5	12.95	14.50
	6	2437		14.37	14.50
	11	2462		14.33	14.50
802.11ax HT20	1	2412	MCS0	13.06	14.50
	6	2437		14.37	14.50
	11	2462		14.44	14.50

WIFI 2.4G ECI 4 ANT9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.78	21.00
	6	2437		20.75	21.00
	11	2462		20.83	21.00
802.11g	1	2412	6	18.52	20.00
	6	2437		19.74	20.00
	11	2462		19.81	20.00
802.11n HT20	1	2412	6.5	16.17	17.50
	6	2437		17.23	17.50
	11	2462		17.23	17.50
802.11ax HT20	1	2412	MCS0	16.18	17.50
	6	2437		17.24	17.50
	11	2462		17.34	17.50

WIFI 2.4G ECI 4 MIMO							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11b	1	2412	1	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11g	1	2412	6	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11n HT20	1	2412	6.5	14.95	16.17	18.61	20.00
	6	2437		16.31	17.23	19.80	20.00
	11	2462		16.25	17.23	19.78	20.00
	1	2412	MCS0	15.13	16.18	18.70	20.00

802.11ax HT20	6	2437	16.34	17.24	19.82	20.00
	11	2462	16.41	17.34	19.91	20.00

WIFI 2.4G ECI 6 ANT7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.02	12.00
	6	2437		11.73	12.00
	11	2462		11.49	12.00
802.11g	1	2412	6	9.19	11.00
	6	2437		10.57	11.00
	11	2462		10.56	11.00
802.11n HT20	1	2412	6.5	8.35	10.00
	6	2437		9.81	10.00
	11	2462		9.79	10.00
802.11ax HT20	1	2412	MCS0	8.61	10.00
	6	2437		9.81	10.00
	11	2462		9.85	10.00

WIFI 2.4G ECI 6 ANT9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.12	17.50
	6	2437		17.23	17.50
	11	2462		17.19	17.50
802.11g	1	2412	6	14.95	16.50
	6	2437		16.29	16.50
	11	2462		16.27	16.50
802.11n HT20	1	2412	6.5	11.48	13.00
	6	2437		12.70	13.00
	11	2462		12.65	13.00
802.11ax HT20	1	2412	MCS0	11.69	13.00
	6	2437		12.74	13.00
	11	2462		12.84	13.00

WIFI 2.4G ECI 6 MIMO							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11b	1	2412	1	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11g	1	2412	6	\	\	\	\
	6	2437		\	\	\	\
	11	2462		\	\	\	\
802.11n HT20	1	2412	6.5	10.28	11.48	13.93	15.50
	6	2437		11.64	12.70	15.21	15.50
	11	2462		11.55	12.65	15.15	15.50
	1	2412	MCS0	10.68	11.69	14.22	15.50

802.11ax HT20	6	2437	11.76	12.74	15.29	15.50
	11	2462	11.77	12.84	15.35	15.50

8.2 Conducted Power of 5G WIFI

WIFI 5G ECI 1 ANT7						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.95	18.00
		40	5200		16.78	18.00
		44	5220		16.99	18.00
		48	5240		16.87	18.00
	U-NII-2A	52	5260		17.15	18.00
		56	5280		17.17	18.00
		60	5300		17.30	18.00
		64	5320		17.19	18.00
	U-NII-2C	100	5500		17.11	18.00
		104	5520		16.98	18.00
		108	5540		17.09	18.00
		112	5560		16.69	18.00
		116	5580		16.94	18.00
		120	5600		17.13	18.00
		124	5620		16.94	18.00
		128	5640		16.72	18.00
	U-NII-3	132	5660		16.71	18.00
		136	5680		16.80	18.00
		140	5700		16.74	18.00
		149	5745		16.06	17.00
153		5765	16.15	17.00		
157		5785	16.04	17.00		
161		5805	15.94	17.00		
165		5825	16.00	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.77	17.00
		40	5200		15.81	17.00
		44	5220		15.85	17.00
		48	5240		15.91	17.00
	U-NII-2A	52	5260		16.21	17.00
		56	5280		16.24	17.00
		60	5300		16.06	17.00
		64	5320		16.21	17.00
	U-NII-2C	100	5500		16.65	17.00
		104	5520		16.65	17.00
		108	5540		16.64	17.00
		112	5560		16.62	17.00
		116	5580		16.65	17.00
		120	5600		16.59	17.00
		124	5620		16.56	17.00
		128	5640		16.48	17.00
	U-NII-3	132	5660		16.26	17.00
		136	5680		16.40	17.00
		140	5700		15.90	17.00
		149	5745		14.21	16.00
153		5765	14.23	16.00		
157		5785	14.29	16.00		
161		5805	14.26	16.00		
165		5825	14.40	16.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.19	16.00
		46	5230		15.02	16.00
	U-NII-2A	54	5270		15.37	16.00
		62	5310		15.38	16.00
	U-NII-2C	102	5510		15.36	16.00
		110	5550		15.49	16.00
		118	5590		15.28	16.00
		126	5630		15.30	16.00
	U-NII-3	134	5670		15.21	16.00
		151	5755		14.01	15.00
		159	5795		14.15	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	15.37	16.50
		40	5200		15.23	16.50

		44	5220		15.42	16.50
		48	5240		15.26	16.50
	U-NII-2A	52	5260		14.96	16.50
		56	5280		15.11	16.50
		60	5300		15.05	16.50
		64	5320		15.11	16.50
		100	5500		16.03	16.50
	U-NII-2C	104	5520		16.11	16.50
		108	5540		16.08	16.50
		112	5560		16.10	16.50
		116	5580		16.05	16.50
		120	5600		16.04	16.50
		124	5620		15.98	16.50
		128	5640		15.89	16.50
		132	5660		15.63	16.50
		136	5680		15.82	16.50
		140	5700		15.54	16.50
	U-NII-3	149	5745		13.90	15.00
		153	5765		13.78	15.00
		157	5785		13.63	15.00
		161	5805		13.62	15.00
		165	5825		13.76	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	15.17	16.00
		46	5230		14.97	16.00
	U-NII-2A	54	5270		15.30	16.00
		62	5310		15.39	16.00
	U-NII-2C	102	5510		15.27	16.00
		110	5550		15.39	16.00
		118	5590		15.33	16.00
		126	5630		15.37	16.00
	U-NII-3	134	5670		15.22	16.00
		151	5755		13.98	15.00
159		5795	14.01	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.46	16.50
	U-NII-2A	58	5290		15.56	16.50
	U-NII-2C	106	5530		15.97	16.50
		122	5610		16.03	16.50
	U-NII-3	155	5775		14.24	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	15.36	16.50
		40	5200		15.46	16.50
		44	5220		15.52	16.50
		48	5240		15.40	16.50
	U-NII-2A	52	5260		15.13	16.50
		56	5280		15.20	16.50
		60	5300		15.18	16.50
		64	5320		15.30	16.50
	U-NII-2C	100	5500		16.10	16.50
		104	5520		16.20	16.50
		108	5540		16.19	16.50
		112	5560		16.31	16.50
		116	5580		16.07	16.50
		120	5600		16.11	16.50
		124	5620		16.08	16.50
		128	5640		15.84	16.50
		132	5660		16.02	16.50
		136	5680		16.04	16.50
	140	5700	15.82		16.50	
	U-NII-3	149	5745		13.85	15.50
153		5765	13.78	15.50		
157		5785	13.67	15.50		
161		5805	13.68	15.50		
165		5825	13.70	15.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	15.15	16.00
		46	5230		15.00	16.00

	U-NII-2A	54	5270		15.33	16.00
		62	5310		15.49	16.00
	U-NII-2C	102	5510		15.28	16.00
		110	5550		15.45	16.00
		118	5590		15.29	16.00
		126	5630		15.28	16.00
		134	5670		15.32	16.00
	U-NII-3	151	5755		14.13	15.00
		159	5795		14.09	15.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ax 80M	U-NII-1	42	5210	MCS0	15.63	16.50
	U-NII-2A	58	5290		15.83	16.50
	U-NII-2C	106	5530		16.14	16.50
		122	5610		15.99	16.50
	U-NII-3	155	5775		14.64	15.50

WIFI 5G ECI 1 ANT9						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.93	20.00
		40	5200		18.79	20.00
		44	5220		18.96	20.00
		48	5240		18.93	20.00
		52	5260		18.68	20.00
	U-NII-2A	56	5280		18.89	20.00
		60	5300		18.76	20.00
		64	5320		18.83	20.00
		100	5500		18.52	20.00
	U-NII-2C	104	5520		18.32	20.00
		108	5540		18.29	20.00
		112	5560		18.27	20.00
		116	5580		18.46	20.00
		120	5600		18.45	20.00
		124	5620		18.54	20.00
		128	5640		18.32	20.00
		132	5660		18.30	20.00
		136	5680		18.44	20.00
		140	5700		18.46	20.00
	U-NII-3	149	5745		18.59	19.50
		153	5765		18.55	19.50
		157	5785		18.77	19.50
		161	5805		18.47	19.50
		165	5825		18.43	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	18.32	19.00
		40	5200		18.34	19.00
		44	5220		18.47	19.00
		48	5240		18.32	19.00
	U-NII-2A	52	5260		18.00	19.00
		56	5280		18.02	19.00
		60	5300		17.80	19.00
		64	5320		18.01	19.00
	U-NII-2C	100	5500		17.80	19.00
		104	5520		17.51	19.00
		108	5540		17.62	19.00
		112	5560		17.62	19.00
		116	5580		17.69	19.00
		120	5600		17.68	19.00
		124	5620		17.88	19.00
		128	5640		17.64	19.00
		132	5660		17.81	19.00
		136	5680		17.86	19.00
	140	5700	17.83		19.00	
	U-NII-3	149	5745		16.23	17.00
		153	5765		16.27	17.00
		157	5785		16.46	17.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
		161	5805		16.20	17.00	
		165	5825		16.21	17.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	38	5190	MCS0	16.89	18.00	
		46	5230		16.98	18.00	
	U-NII-2A	54	5270		17.03	18.00	
		62	5310		17.01	18.00	
	U-NII-2C	102	5510		16.63	18.00	
		110	5550		16.85	18.00	
		118	5590		16.87	18.00	
		126	5630		16.63	18.00	
	U-NII-3	134	5670		16.52	18.00	
		151	5755		15.61	16.00	
		159	5795		15.59	16.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	17.85	18.50	
		40	5200		17.88	18.50	
		U-NII-2A	44		5220	17.82	18.50
			48		5240	17.80	18.50
	52		5260		17.52	18.50	
	56		5280		17.53	18.50	
	U-NII-2C	60	5300		17.43	18.50	
		64	5320		17.41	18.50	
		100	5500		17.34	18.50	
		104	5520		17.06	18.50	
		108	5540		17.12	18.50	
		112	5560		17.16	18.50	
		116	5580		17.21	18.50	
		120	5600		17.24	18.50	
	U-NII-3	124	5620		17.36	18.50	
		128	5640		17.30	18.50	
		132	5660		17.30	18.50	
		136	5680		17.21	18.50	
		140	5700		17.33	18.50	
		149	5745		15.69	16.00	
		153	5765		15.77	16.00	
		157	5785		15.83	16.00	
	161	5805	15.69		16.00		
	165	5825	15.75		16.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac-40	U-NII-1	38	5190	MCS0	16.87	18.00	
		46	5230		16.92	18.00	
	U-NII-2A	54	5270		16.95	18.00	
		62	5310		17.00	18.00	
	U-NII-2C	102	5510		16.61	18.00	
		110	5550		16.74	18.00	
		118	5590		16.85	18.00	
		126	5630		16.60	18.00	
	U-NII-3	134	5670		16.50	18.00	
		151	5755		15.60	16.00	
		159	5795		15.52	16.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	16.89	18.50	
	U-NII-2A	58	5290		16.87	18.50	
	U-NII-2C	106	5530		16.59	18.50	
		122	5610		16.65	18.50	
U-NII-3	155	5775	15.49	16.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax-20	U-NII-1	36	5180	MCS0	17.91	18.50	
		40	5200		17.84	18.50	
		44	5220		17.86	18.50	
		48	5240		17.85	18.50	
	U-NII-2A	52	5260		17.74	18.50	

		56	5280		17.81	18.50
		60	5300		17.64	18.50
		64	5320		17.88	18.50
	U-NII-2C	100	5500		17.62	18.50
		104	5520		17.59	18.50
		108	5540		17.32	18.50
		112	5560		17.36	18.50
		116	5580		17.43	18.50
		120	5600		17.42	18.50
		124	5620		17.20	18.50
		128	5640		17.31	18.50
		132	5660		17.34	18.50
		136	5680		17.39	18.50
		140	5700		17.43	18.50
	U-NII-3	149	5745		15.88	16.50
		153	5765		15.79	16.50
		157	5785		15.89	16.50
		161	5805		15.76	16.50
		165	5825		15.71	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	16.53	18.00
		46	5230		16.59	18.00
	U-NII-2A	54	5270		16.87	18.00
		62	5310		17.01	18.00
	U-NII-2C	102	5510		16.69	18.00
		110	5550		16.79	18.00
		118	5590		16.93	18.00
		126	5630		16.72	18.00
	U-NII-3	134	5670		16.62	18.00
		151	5755		15.63	16.00
159		5795	15.59	16.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	16.93	18.50
	U-NII-2A	58	5290		16.87	18.50
	U-NII-2C	106	5530		16.60	18.50
		122	5610		16.71	18.50
	U-NII-3	155	5775		15.56	16.50

WIFI 5G ECI 1 MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11a	U-NII-1	36	5180	6	\	\	\	\
		40	5200		\	\	\	\
		44	5220		\	\	\	\
		48	5240		\	\	\	\
	U-NII-2A	52	5260		\	\	\	\
		56	5280		\	\	\	\
		60	5300		\	\	\	\
	U-NII-2C	64	5320		\	\	\	\
		100	5500		\	\	\	\
		104	5520		\	\	\	\
		108	5540		\	\	\	\
		112	5560		\	\	\	\
		116	5580		\	\	\	\
		120	5600		\	\	\	\
124	5620	\	\	\	\			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.87	18.32	21.11	22.00
		40	5200		17.84	18.34	21.11	22.00
		44	5220		17.88	18.47	21.20	22.00
		48	5240		17.92	18.32	21.14	22.00
	U-NII-2A	52	5260		18.18	18.00	21.10	22.00
		56	5280		18.21	18.02	21.13	22.00
		60	5300		18.08	17.80	20.95	22.00
		64	5320		18.19	18.01	21.11	22.00
	U-NII-2C	100	5500		18.61	17.80	21.23	22.00
		104	5520		18.67	17.51	21.14	22.00
		108	5540		18.62	17.62	21.16	22.00
		112	5560		18.59	17.62	21.14	22.00
		116	5580		18.64	17.69	21.20	22.00
		120	5600		18.62	17.68	21.18	22.00
		124	5620		18.57	17.88	21.25	22.00
		128	5640		18.43	17.64	21.06	22.00
	U-NII-3	132	5660		18.21	17.81	21.02	22.00
		136	5680		18.36	17.86	21.13	22.00
		140	5700		17.93	17.83	20.89	22.00
		149	5745		15.11	16.23	18.72	20.00
153		5765	15.20	16.27	18.78	20.00		
U-NII-3	157	5785	15.28	16.46	18.92	20.00		
	161	5805	15.26	16.20	18.76	20.00		
	165	5825	15.32	16.21	18.80	20.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	17.18	16.89	20.05	21.00
		46	5230		17.12	16.98	20.06	21.00
	U-NII-2A	54	5270		17.39	17.03	20.22	21.00
		62	5310		17.42	17.01	20.23	21.00
	U-NII-2C	102	5510		17.32	16.63	20.00	21.00
		110	5550		17.52	16.85	20.21	21.00
		118	5590		17.31	16.87	20.11	21.00
		126	5630		17.35	16.63	20.02	21.00
		134	5670	17.23	16.52	19.90	21.00	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
	U-NII-3	151	5755		15.03	15.61	18.34	19.00
		159	5795		15.11	15.59	18.37	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	17.32	17.85	20.60	21.50
		40	5200		17.34	17.88	20.63	21.50
		44	5220		17.43	17.82	20.64	21.50
		48	5240		17.32	17.80	20.58	21.50
	U-NII-2A	52	5260		17.01	17.52	20.28	21.50
		56	5280		17.10	17.53	20.33	21.50
		60	5300		17.06	17.43	20.26	21.50
		64	5320		17.12	17.41	20.28	21.50
	U-NII-2C	100	5500		18.03	17.34	20.71	21.50
		104	5520		18.11	17.06	20.63	21.50
		108	5540		18.13	17.12	20.66	21.50
		112	5560		18.10	17.16	20.67	21.50
		116	5580		18.03	17.21	20.65	21.50
		120	5600		18.06	17.24	20.68	21.50
		124	5620		17.98	17.36	20.69	21.50
		128	5640		17.88	17.30	20.61	21.50
		132	5660		17.65	17.30	20.49	21.50
		136	5680		17.85	17.21	20.55	21.50
	U-NII-3	140	5700		17.59	17.33	20.47	21.50
		149	5745		14.87	15.69	18.31	19.00
		153	5765		14.75	15.77	18.30	19.00
		157	5785		14.65	15.83	18.29	19.00
		161	5805		14.61	15.69	18.19	19.00
			165		5825	14.71	15.75	18.27
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	17.12	16.87	20.01	21.00
		46	5230		17.03	16.92	19.99	21.00
	U-NII-2A	54	5270		17.32	16.95	20.15	21.00
		62	5310		17.41	17.00	20.22	21.00
	U-NII-2C	102	5510		17.28	16.61	19.97	21.00
		110	5550		17.43	16.74	20.11	21.00
		118	5590		17.30	16.85	20.09	21.00
		126	5630		17.33	16.60	19.99	21.00
	U-NII-3	134	5670		17.21	16.50	19.88	21.00
		151	5755		15.01	15.60	18.33	19.00
		159	5795	15.06	15.52	18.31	19.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	17.49	16.89	20.21	21.50
	U-NII-2A	58	5290		17.56	16.87	20.24	21.50

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-20	U-NII-2C	106	5530	MCS0	18.02	16.59	20.37	21.50
		122	5610		17.98	16.65	20.38	21.50
	U-NII-3	155	5775		15.21	15.49	18.36	19.50
	U-NII-1	36	5180		17.43	17.91	20.69	21.50
		40	5200		17.46	17.84	20.66	21.50
		44	5220		17.51	17.86	20.70	21.50
		48	5240		17.39	17.85	20.64	21.50
	U-NII-2A	52	5260		17.13	17.74	20.46	21.50
		56	5280		17.16	17.81	20.51	21.50
		60	5300		17.21	17.64	20.44	21.50
	U-NII-2C	64	5320		17.29	17.88	20.61	21.50
		100	5500		18.11	17.62	20.88	21.50
		104	5520		18.16	17.59	20.89	21.50
		108	5540		18.23	17.32	20.81	21.50
		112	5560		18.26	17.36	20.84	21.50
116		5580	18.11	17.43	20.79	21.50		
120		5600	18.09	17.42	20.78	21.50		
124		5620	18.03	17.20	20.65	21.50		
U-NII-3	128	5640	17.89	17.31	20.62	21.50		
	132	5660	17.98	17.34	20.68	21.50		
	136	5680	17.99	17.39	20.71	21.50		
	140	5700	17.87	17.43	20.67	21.50		
	149	5745	14.89	15.88	18.42	19.50		
	153	5765	14.79	15.79	18.33	19.50		
U-NII-3	157	5785	14.69	15.89	18.34	19.50		
	161	5805	14.64	15.76	18.25	19.50		
	165	5825	14.73	15.71	18.26	19.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	17.16	16.53	19.87	21.00
		46	5230		17.09	16.59	19.86	21.00
	U-NII-2A	54	5270		17.34	16.87	20.12	21.00
		62	5310		17.49	17.01	20.27	21.00
	U-NII-2C	102	5510		17.33	16.69	20.03	21.00
		110	5550		17.46	16.79	20.15	21.00
		118	5590		17.32	16.93	20.14	21.00
		126	5630		17.30	16.72	20.03	21.00
	U-NII-3	134	5670		17.29	16.62	19.98	21.00
		151	5755		15.11	15.63	18.39	19.00
159	5795	15.09	15.59	18.36	19.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
	U-NII-1	42	5210	MCS0	17.62	16.93	20.30	21.50

802.11ax 80M	U-NII-2A	58	5290	17.88	16.87	20.41	21.50
	U-NII-2C	106	5530	18.13	16.60	20.44	21.50
		122	5610	18.01	16.71	20.42	21.50
	U-NII-3	155	5775	15.59	15.56	18.59	19.50

WIFI 5G ECI 2 ANT7						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.95	18.00
		40	5200		16.78	18.00
		44	5220		16.99	18.00
		48	5240		16.87	18.00
	U-NII-2A	52	5260		13.27	14.00
		56	5280		13.20	14.00
		60	5300		13.29	14.00
		64	5320		13.25	14.00
	U-NII-2C	100	5500		13.11	14.00
		104	5520		13.01	14.00
		108	5540		12.95	14.00
		112	5560		12.68	14.00
		116	5580		12.83	14.00
		120	5600		13.09	14.00
		124	5620		12.82	14.00
		128	5640		12.76	14.00
	U-NII-3	132	5660		12.68	14.00
		136	5680		12.85	14.00
		140	5700		12.68	14.00
		149	5745		16.06	17.00
153		5765	16.15	17.00		
U-NII-3	157	5785	16.04	17.00		
	161	5805	15.94	17.00		
	165	5825	16.00	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.95	15.00
		40	5200		13.93	15.00
		44	5220		13.91	15.00
		48	5240		14.02	15.00
	U-NII-2A	52	5260		12.18	13.00
		56	5280		12.21	13.00
		60	5300		12.11	13.00
		64	5320		12.23	13.00
	U-NII-2C	100	5500		12.73	13.00
		104	5520		12.62	13.00
		108	5540		12.75	13.00
		112	5560		12.77	13.00
		116	5580		12.76	13.00
		120	5600		12.72	13.00
	124	5620	12.61	13.00		

		128	5640		12.50	13.00
		132	5660		12.31	13.00
		136	5680		12.50	13.00
		140	5700		12.05	13.00
	U-NII-3	149	5745		14.19	16.00
		153	5765		14.31	16.00
		157	5785		14.26	16.00
		161	5805		14.28	16.00
		165	5825		14.35	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.18	14.00
		46	5230		13.14	14.00
	U-NII-2A	54	5270		11.44	12.00
		62	5310		11.49	12.00
	U-NII-2C	102	5510		11.39	12.00
		110	5550		11.45	12.00
		118	5590		11.27	12.00
		126	5630		11.31	12.00
	U-NII-3	134	5670		11.17	12.00
		151	5755		14.09	15.00
159		5795	14.07	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.28	14.50
		40	5200		13.41	14.50
		44	5220		13.56	14.50
		48	5240		13.40	14.50
	U-NII-2A	52	5260		10.99	12.50
		56	5280		11.21	12.50
		60	5300		11.01	12.50
		64	5320		11.26	12.50
	U-NII-2C	100	5500		11.99	12.50
		104	5520		12.07	12.50
		108	5540		12.22	12.50
		112	5560		12.17	12.50
		116	5580		12.12	12.50
		120	5600		12.03	12.50
		124	5620		12.06	12.50
		128	5640		12.00	12.50
		132	5660		11.71	12.50
		136	5680		11.84	12.50
	U-NII-3	140	5700		11.69	12.50
		149	5745		14.01	15.00
		153	5765		13.84	15.00
		157	5785		13.74	15.00
		161	5805		13.75	15.00
165	5825	13.81	15.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-40	U-NII-1	38	5190	MCS0	13.20	14.00
		46	5230		13.11	14.00
	U-NII-2A	54	5270		11.33	12.00
		62	5310		11.53	12.00
	U-NII-2C	102	5510		11.23	12.00
		110	5550		11.48	12.00
		118	5590		11.34	12.00
		126	5630		11.39	12.00
	U-NII-3	134	5670		11.37	12.00
		151	5755		14.09	15.00
159		5795	14.21	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	14.50
	U-NII-2A	58	5290		11.62	12.50
	U-NII-2C	106	5530		12.11	12.50
		122	5610		12.09	12.50
	U-NII-3	155	5775		14.26	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	13.58	14.50
		40	5200		13.45	14.50
		44	5220		13.47	14.50
		48	5240		13.47	14.50
	U-NII-2A	52	5260		11.28	12.50
		56	5280		11.15	12.50
		60	5300		11.30	12.50
		64	5320		11.39	12.50
	U-NII-2C	100	5500		12.07	12.50
		104	5520		12.23	12.50
		108	5540		12.28	12.50
		112	5560		12.34	12.50
		116	5580		12.08	12.50
		120	5600		12.13	12.50
		124	5620		12.21	12.50
		128	5640		11.90	12.50
		132	5660		11.98	12.50
		136	5680		12.08	12.50
	U-NII-3	140	5700		11.93	12.50
		149	5745		13.90	15.50
		153	5765		13.84	15.50
		157	5785		13.76	15.50
		161	5805		13.76	15.50
		165	5825		13.87	15.50
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ax-40	U-NII-1	38	5190	MCS0	13.31	14.00
		46	5230		13.13	14.00
	U-NII-2A	54	5270		11.38	12.00
		62	5310		11.49	12.00

	U-NII-2C	102	5510		11.27	12.00
		110	5550		11.59	12.00
		118	5590		11.31	12.00
		126	5630		11.28	12.00
		134	5670		11.27	12.00
	U-NII-3	151	5755		14.15	15.00
		159	5795		14.19	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	13.60	14.50
	U-NII-2A	58	5290		11.80	12.50
	U-NII-2C	106	5530		12.28	12.50
		122	5610		11.94	12.50
	U-NII-3	155	5775		14.55	15.50

WIFI 5G ECI 2 ANT9						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.89	17.00
		40	5200		15.89	17.00
		44	5220		15.97	17.00
		48	5240		16.02	17.00
	U-NII-2A	52	5260		15.63	17.00
		56	5280		16.02	17.00
		60	5300		15.89	17.00
		64	5320		15.93	17.00
	U-NII-2C	100	5500		15.49	17.00
		104	5520		15.41	17.00
		108	5540		15.33	17.00
		112	5560		15.37	17.00
		116	5580		15.56	17.00
		120	5600		15.59	17.00
		124	5620		15.55	17.00
		128	5640		15.36	17.00
	U-NII-3	132	5660		15.41	17.00
		136	5680		15.58	17.00
		140	5700		15.49	17.00
		149	5745		15.59	16.50
		153	5765		15.58	16.50
		157	5785		15.91	16.50
		161	5805		15.62	16.50
		165	5825		15.38	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.35	15.00
		40	5200		14.38	15.00
		44	5220		14.43	15.00
		48	5240		14.38	15.00
	U-NII-2A	52	5260		14.12	15.00

		56	5280		13.97	15.00
		60	5300		13.78	15.00
		64	5320		14.05	15.00
	U-NII-2C	100	5500		13.77	15.00
		104	5520		13.61	15.00
		108	5540		13.66	15.00
		112	5560		13.57	15.00
		116	5580		13.71	15.00
		120	5600		13.82	15.00
		124	5620		13.84	15.00
		128	5640		13.62	15.00
		132	5660		13.96	15.00
		136	5680		13.86	15.00
	U-NII-3	140	5700		13.78	15.00
		149	5745		15.20	16.00
		153	5765		15.27	16.00
		157	5785		15.50	16.00
		161	5805		15.22	16.00
		165	5825		15.30	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.93	14.00
		46	5230		13.08	14.00
	U-NII-2A	54	5270		13.17	14.00
		62	5310		12.99	14.00
	U-NII-2C	102	5510		12.71	14.00
		110	5550		12.81	14.00
		118	5590		12.90	14.00
		126	5630		12.66	14.00
	U-NII-3	134	5670		12.47	14.00
		151	5755		14.69	15.00
159		5795	14.73	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.81	14.50
		40	5200		13.95	14.50
		44	5220		13.89	14.50
		48	5240		13.86	14.50
	U-NII-2A	52	5260		13.62	14.50
		56	5280		13.63	14.50
		60	5300		13.57	14.50
		64	5320		13.46	14.50
	U-NII-2C	100	5500		13.40	14.50
		104	5520		13.08	14.50
		108	5540		13.18	14.50
		112	5560		13.28	14.50
		116	5580		13.23	14.50
		120	5600		13.26	14.50
		124	5620		13.39	14.50
		128	5640		13.31	14.50

		132	5660		13.40	14.50
		136	5680		13.24	14.50
		140	5700		13.36	14.50
	U-NII-3	149	5745		14.68	15.00
		153	5765		14.81	15.00
		157	5785		14.97	15.00
		161	5805		14.79	15.00
		165	5825		14.78	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.82	14.00
		46	5230		13.00	14.00
	U-NII-2A	54	5270		13.02	14.00
		62	5310		12.98	14.00
	U-NII-2C	102	5510		12.56	14.00
		110	5550		12.79	14.00
		118	5590		12.90	14.00
		126	5630		12.64	14.00
	U-NII-3	134	5670		12.51	14.00
		151	5755		14.59	15.00
		159	5795	14.52	15.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.87	14.50
	U-NII-2A	58	5290		12.82	14.50
	U-NII-2C	106	5530		12.55	14.50
		122	5610		12.65	14.50
	U-NII-3	155	5775		14.51	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	14.02	14.50
		40	5200		13.87	14.50
		44	5220		13.81	14.50
		48	5240		13.95	14.50
	U-NII-2A	52	5260		13.85	14.50
		56	5280		13.92	14.50
		60	5300		13.67	14.50
		64	5320		13.94	14.50
	U-NII-2C	100	5500		13.68	14.50
		104	5520		13.72	14.50
		108	5540		13.36	14.50
		112	5560		13.37	14.50
		116	5580		13.42	14.50
		120	5600		13.49	14.50
		124	5620		13.21	14.50
		128	5640		13.28	14.50
	U-NII-3	132	5660		13.41	14.50
		136	5680		13.48	14.50
		140	5700		13.41	14.50
		149	5745		14.90	15.50
153		5765	14.94	15.50		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		157	5785		14.96	15.50
		161	5805		14.75	15.50
		165	5825		14.67	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	12.60	14.00
		46	5230		12.67	14.00
	U-NII-2A	54	5270		12.96	14.00
		62	5310		13.13	14.00
	U-NII-2C	102	5510		12.73	14.00
		110	5550		12.79	14.00
		118	5590		12.94	14.00
		126	5630		12.82	14.00
	U-NII-3	134	5670		12.61	14.00
		151	5755		14.69	15.00
159		5795	14.55	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.97	14.50
	U-NII-2A	58	5290		12.87	14.50
	U-NII-2C	106	5530		12.72	14.50
		122	5610		12.71	14.50
	U-NII-3	155	5775		14.70	15.50

WIFI 5G ECI 2 MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11a	U-NII-1	36	5180	6	\	\	\	\
		40	5200		\	\	\	\
		44	5220		\	\	\	\
		48	5240		\	\	\	\
	U-NII-2A	52	5260		\	\	\	\
		56	5280		\	\	\	\
		60	5300		\	\	\	\
		64	5320		\	\	\	\
	U-NII-2C	100	5500		\	\	\	\
		104	5520		\	\	\	\
		108	5540		\	\	\	\
		112	5560		\	\	\	\
		116	5580		\	\	\	\
		120	5600		\	\	\	\
		124	5620		\	\	\	\
		128	5640		\	\	\	\
	U-NII-3	132	5660		\	\	\	\
		136	5680		\	\	\	\
140		5700	\	\	\	\		
149		5745	\	\	\	\		
		153	5765	\	\	\	\	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT20	U-NII-1	157	5785	MCS0	\	\	\	\
		161	5805		\	\	\	\
		165	5825		\	\	\	\
		36	5180		13.95	14.35	17.16	18.00
	40	5200	13.93		14.38	17.17	18.00	
	44	5220	13.91		14.43	17.19	18.00	
	48	5240	14.02		14.38	17.22	18.00	
	U-NII-2A	52	5260		14.29	14.12	17.22	18.00
		56	5280		14.26	13.97	17.13	18.00
		60	5300		14.12	13.78	16.97	18.00
		64	5320		14.23	14.05	17.15	18.00
	U-NII-2C	100	5500		14.76	13.77	17.30	18.00
		104	5520		14.67	13.61	17.18	18.00
		108	5540		14.57	13.66	17.15	18.00
		112	5560		14.73	13.57	17.20	18.00
		116	5580		14.75	13.71	17.27	18.00
		120	5600		14.68	13.82	17.28	18.00
		124	5620		14.52	13.84	17.20	18.00
		128	5640		14.38	13.62	17.03	18.00
		132	5660		14.35	13.96	17.17	18.00
		136	5680		14.42	13.86	17.16	18.00
	U-NII-3	140	5700		14.08	13.78	16.94	18.00
		149	5745		14.19	15.20	17.73	19.00
		153	5765		14.31	15.27	17.83	19.00
		157	5785		14.26	15.50	17.93	19.00
		161	5805		14.28	15.22	17.78	19.00
	165	5825	14.35		15.30	17.86	19.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9
802.11n-HT40	U-NII-1	38	5190	MCS0	13.18	12.93	16.07	17.00
		46	5230		13.14	13.08	16.12	17.00
	U-NII-2A	54	5270		13.36	13.17	16.28	17.00
		62	5310		13.48	12.99	16.25	17.00
	U-NII-2C	102	5510		13.39	12.71	16.07	17.00
		110	5550		13.48	12.81	16.17	17.00
		118	5590		13.45	12.90	16.20	17.00
		126	5630		13.31	12.66	16.01	17.00
	U-NII-3	134	5670		13.28	12.47	15.90	17.00
		151	5755		14.09	14.69	17.41	18.00
159	5795	14.07	14.73	17.42	18.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.28	13.81	16.56	17.50

		40	5200		13.41	13.95	16.70	17.50
		44	5220		13.56	13.89	16.74	17.50
		48	5240		13.40	13.86	16.65	17.50
	U-NII-2A	52	5260		13.15	13.62	16.40	17.50
		56	5280		13.07	13.63	16.37	17.50
		60	5300		13.08	13.57	16.34	17.50
		64	5320		13.15	13.46	16.32	17.50
	U-NII-2C	100	5500		14.10	13.40	16.77	17.50
		104	5520		14.08	13.08	16.62	17.50
		108	5540		14.23	13.18	16.75	17.50
		112	5560		14.14	13.28	16.74	17.50
		116	5580		14.18	13.23	16.74	17.50
		120	5600		14.05	13.26	16.68	17.50
		124	5620		14.08	13.39	16.76	17.50
		128	5640		14.00	13.31	16.68	17.50
		132	5660		13.68	13.40	16.55	17.50
		136	5680		13.95	13.24	16.62	17.50
	U-NII-3	140	5700		13.58	13.36	16.48	17.50
		149	5745		14.01	14.68	17.37	18.00
		153	5765		13.84	14.81	17.36	18.00
		157	5785		13.74	14.97	17.41	18.00
		161	5805		13.75	14.79	17.31	18.00
		165	5825		13.81	14.78	17.33	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	13.20	12.82	16.02	17.00
		46	5230		13.11	13.00	16.07	17.00
	U-NII-2A	54	5270		13.34	13.02	16.19	17.00
		62	5310		13.51	12.98	16.26	17.00
	U-NII-2C	102	5510		13.23	12.56	15.92	17.00
		110	5550		13.48	12.79	16.16	17.00
		118	5590		13.34	12.90	16.14	17.00
		126	5630		13.37	12.64	16.03	17.00
	U-NII-3	134	5670		13.27	12.51	15.92	17.00
		151	5755		14.09	14.59	17.36	18.00
159		5795	14.21	14.52	17.38	18.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	12.87	16.20	17.50
	U-NII-2A	58	5290		13.63	12.82	16.25	17.50
	U-NII-2C	106	5530		14.17	12.55	16.45	17.50
		122	5610		13.97	12.65	16.37	17.50
	U-NII-3	155	5775		14.26	14.51	17.40	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up

802.11ax-20	U-NII-1	36	5180	MCS0	13.58	14.02	16.82	17.50
		40	5200		13.45	13.87	16.68	17.50
		44	5220		13.47	13.81	16.65	17.50
		48	5240		13.47	13.95	16.73	17.50
	U-NII-2A	52	5260		13.28	13.85	16.58	17.50
		56	5280		13.23	13.92	16.60	17.50
		60	5300		13.22	13.67	16.46	17.50
		64	5320		13.28	13.94	16.63	17.50
	U-NII-2C	100	5500		14.24	13.68	16.98	17.50
		104	5520		14.20	13.72	16.98	17.50
		108	5540		14.29	13.36	16.86	17.50
		112	5560		14.34	13.37	16.89	17.50
		116	5580		14.08	13.42	16.77	17.50
		120	5600		14.11	13.49	16.82	17.50
		124	5620		13.98	13.21	16.62	17.50
		128	5640		13.96	13.28	16.64	17.50
		132	5660		14.06	13.41	16.76	17.50
		136	5680		14.11	13.48	16.82	17.50
	U-NII-3	140	5700		13.85	13.41	16.65	17.50
		149	5745		13.90	14.90	17.44	18.50
153		5765	13.84	14.94	17.44	18.50		
157		5785	13.76	14.96	17.41	18.50		
161		5805	13.76	14.75	17.29	18.50		
165	5825	13.87	14.67	17.30	18.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	13.31	12.60	15.98	17.00
		46	5230		13.13	12.67	15.92	17.00
	U-NII-2A	54	5270		13.34	12.96	16.16	17.00
		62	5310		13.51	13.13	16.33	17.00
	U-NII-2C	102	5510		13.41	12.73	16.09	17.00
		110	5550		13.44	12.79	16.14	17.00
		118	5590		13.32	12.94	16.14	17.00
		126	5630		13.36	12.82	16.11	17.00
	U-NII-3	134	5670		13.25	12.61	15.95	17.00
		151	5755		14.15	14.69	17.44	18.00
159		5795	14.19	14.55	17.38	18.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	13.60	12.97	16.31	17.50
	U-NII-2A	58	5290		13.85	12.87	16.40	17.50
	U-NII-2C	106	5530		14.21	12.72	16.54	17.50
		122	5610		14.14	12.71	16.49	17.50
	U-NII-3	155	5775		14.55	14.70	17.64	18.50

WIFI 5G ECI 3 ANT7						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.83	14.50
		40	5200		13.64	14.50
		44	5220		13.86	14.50
		48	5240		13.83	14.50
	U-NII-2A	52	5260		19.10	20.00
		56	5280		19.15	20.00
		60	5300		19.26	20.00
		64	5320		19.21	20.00
	U-NII-2C	100	5500		19.12	20.00
		104	5520		18.91	20.00
		108	5540		19.13	20.00
		112	5560		18.59	20.00
		116	5580		18.89	20.00
		120	5600		18.83	20.00
		124	5620		18.79	20.00
		128	5640		18.62	20.00
	U-NII-3	132	5660		18.61	20.00
		136	5680		18.73	20.00
		140	5700		18.59	20.00
		149	5745		10.27	11.50
153		5765	10.46	11.50		
U-NII-3	157	5785	10.30	11.50		
	161	5805	10.25	11.50		
	165	5825	10.34	11.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.29	13.50
		40	5200		12.34	13.50
		44	5220		12.28	13.50
		48	5240		12.34	13.50
	U-NII-2A	52	5260		18.18	19.00
		56	5280		18.21	19.00
		60	5300		18.08	19.00
		64	5320		18.19	19.00
	U-NII-2C	100	5500		18.61	19.00
		104	5520		18.67	19.00
		108	5540		18.62	19.00
		112	5560		18.59	19.00
		116	5580		18.69	19.00
		120	5600		18.62	19.00
		124	5620		18.57	19.00
		128	5640		18.43	19.00
U-NII-2C	132	5660	18.21	19.00		
	136	5680	18.36	19.00		

		140	5700		17.93	19.00
	U-NII-3	149	5745		8.66	10.50
		153	5765		8.75	10.50
		157	5785		8.78	10.50
		161	5805		8.74	10.50
		165	5825		8.86	10.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.59	12.50
		46	5230		11.56	12.50
	U-NII-2A	54	5270		17.39	18.00
		62	5310		17.42	18.00
	U-NII-2C	102	5510		17.32	18.00
		110	5550		17.52	18.00
		118	5590		17.31	18.00
		126	5630		17.35	18.00
	U-NII-3	134	5670		17.23	18.00
		151	5755		8.49	9.50
		159	5795	8.52	9.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	11.77	13.00
		40	5200		11.80	13.00
		44	5220		11.88	13.00
		48	5240		11.73	13.00
	U-NII-2A	52	5260		17.01	18.50
		56	5280		17.10	18.50
		60	5300		17.06	18.50
		64	5320		17.12	18.50
	U-NII-2C	100	5500		18.03	18.50
		104	5520		18.11	18.50
		108	5540		18.13	18.50
		112	5560		18.10	18.50
		116	5580		18.03	18.50
		120	5600		18.06	18.50
		124	5620		17.98	18.50
		128	5640		17.88	18.50
	U-NII-3	132	5660		17.65	18.50
		136	5680		17.85	18.50
		140	5700		17.59	18.50
		149	5745		8.30	9.50
153		5765	8.16	9.50		
157		5785	8.03	9.50		
161		5805	8.04	9.50		
165		5825	8.14	9.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	11.59	12.50

		46	5230		11.54	12.50
	U-NII-2A	54	5270		17.32	18.00
		62	5310		17.41	18.00
		U-NII-2C	102	5510		17.28
	110		5550		17.43	18.00
	118		5590		17.30	18.00
	126		5630		17.33	18.00
	134		5670		17.21	18.00
	U-NII-3	151	5755		8.42	9.50
		159	5795		8.51	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.01	13.00
	U-NII-2A	58	5290		17.56	18.50
	U-NII-2C	106	5530		18.02	18.50
		122	5610		17.98	18.50
	U-NII-3	155	5775		8.70	10.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	11.92	13.00
		40	5200		11.98	13.00
		44	5220		11.99	13.00
		48	5240		11.84	13.00
	U-NII-2A	52	5260		17.13	18.50
		56	5280		17.16	18.50
		60	5300		17.21	18.50
		64	5320		17.29	18.50
	U-NII-2C	100	5500		18.11	18.50
		104	5520		18.16	18.50
		108	5540		18.23	18.50
		112	5560		18.26	18.50
		116	5580		18.11	18.50
		120	5600		18.09	18.50
		124	5620		18.03	18.50
		128	5640		17.89	18.50
		132	5660		17.98	18.50
	136	5680	17.99		18.50	
	U-NII-3	140	5700		17.87	18.50
		149	5745		8.47	10.00
		153	5765		8.22	10.00
		157	5785		8.15	10.00
		161	5805		8.20	10.00
165	5825	8.13	10.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	11.70	12.50
		46	5230		11.54	12.50
	U-NII-2A	54	5270		17.34	18.00

		62	5310		17.49	18.00
	U-NII-2C	102	5510		17.33	18.00
		110	5550		17.46	18.00
		118	5590		17.32	18.00
		126	5630		17.30	18.00
		134	5670		17.29	18.00
	U-NII-3	151	5755		8.59	9.50
		159	5795		8.60	9.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.07	13.00
	U-NII-2A	58	5290		17.88	18.50
	U-NII-2C	106	5530		18.13	18.50
		122	5610		18.01	18.50
	U-NII-3	155	5775		9.12	10.00

WIFI 5G ECI 3 ANT9						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.93	20.00
		40	5200		18.79	20.00
		44	5220		18.96	20.00
		48	5240		18.93	20.00
	U-NII-2A	52	5260		18.68	20.00
		56	5280		18.89	20.00
		60	5300		18.76	20.00
		64	5320		18.83	20.00
	U-NII-2C	100	5500		18.52	20.00
		104	5520		18.32	20.00
		108	5540		18.29	20.00
		112	5560		18.27	20.00
		116	5580		18.46	20.00
		120	5600		18.45	20.00
		124	5620		18.54	20.00
		128	5640		18.32	20.00
	U-NII-3	132	5660		18.30	20.00
		136	5680		18.44	20.00
		140	5700		18.46	20.00
		149	5745		12.82	14.00
153		5765	12.82	14.00		
157		5785	12.97	14.00		
161		5805	12.68	14.00		
165		5825	12.71	14.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.84	14.50
		40	5200		13.83	14.50
		44	5220		14.02	14.50

		48	5240		13.75	14.50
	U-NII-2A	52	5260		18.00	19.00
		56	5280		18.02	19.00
		60	5300		17.80	19.00
		64	5320		18.01	19.00
		100	5500		17.80	19.00
	U-NII-2C	104	5520		17.51	19.00
		108	5540		17.62	19.00
		112	5560		17.62	19.00
		116	5580		17.73	19.00
		120	5600		17.68	19.00
		124	5620		17.88	19.00
		128	5640		17.64	19.00
		132	5660		17.81	19.00
		136	5680		17.86	19.00
		140	5700		17.83	19.00
	U-NII-3	149	5745		11.71	12.50
		153	5765		11.70	12.50
		157	5785		11.94	12.50
		161	5805		11.65	12.50
		165	5825		11.76	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.32	13.50
		46	5230		12.43	13.50
	U-NII-2A	54	5270		17.03	18.00
		62	5310		17.01	18.00
	U-NII-2C	102	5510		16.63	18.00
		110	5550		16.85	18.00
		118	5590		16.87	18.00
		126	5630		16.63	18.00
	U-NII-3	134	5670		16.52	18.00
		151	5755		11.05	11.50
159		5795	11.03	11.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.25	14.00
		40	5200		13.39	14.00
		44	5220		13.36	14.00
		48	5240		13.25	14.00
	U-NII-2A	52	5260		17.52	18.50
		56	5280		17.53	18.50
		60	5300		17.43	18.50
		64	5320		17.41	18.50
	U-NII-2C	100	5500		17.34	18.50
		104	5520		17.06	18.50
		108	5540		17.12	18.50
		112	5560		17.16	18.50
		116	5580		17.21	18.50
120	5600	17.24	18.50			

		124	5620		17.36	18.50
		128	5640		17.30	18.50
		132	5660		17.30	18.50
		136	5680		17.21	18.50
		140	5700		17.33	18.50
	U-NII-3	149	5745		11.18	11.50
		153	5765		11.23	11.50
		157	5785		11.18	11.50
		161	5805		11.18	11.50
		165	5825		11.30	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.29	13.50
		46	5230		12.43	13.50
	U-NII-2A	54	5270		16.95	18.00
		62	5310		17.00	18.00
	U-NII-2C	102	5510		16.61	18.00
		110	5550		16.74	18.00
		118	5590		16.85	18.00
		126	5630		16.60	18.00
	U-NII-3	134	5670		16.50	18.00
		151	5755		11.09	11.50
		159	5795	11.03	11.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.33	14.00
	U-NII-2A	58	5290		16.87	18.50
		106	5530		16.59	18.50
	U-NII-2C	122	5610		16.65	18.50
		155	5775		10.97	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	13.31	14.00
		40	5200		13.27	14.00
		44	5220		13.33	14.00
		48	5240		13.37	14.00
	U-NII-2A	52	5260		17.74	18.50
		56	5280		17.81	18.50
		60	5300		17.64	18.50
		64	5320		17.88	18.50
	U-NII-2C	100	5500		17.62	18.50
		104	5520		17.59	18.50
		108	5540		17.32	18.50
		112	5560		17.36	18.50
		116	5580		17.43	18.50
		120	5600		17.42	18.50
		124	5620		17.20	18.50
		128	5640		17.31	18.50
		132	5660		17.34	18.50
		136	5680	17.39	18.50	

		140	5700		17.43	18.50
	U-NII-3	149	5745		11.33	12.00
		153	5765		11.29	12.00
		157	5785		11.39	12.00
		161	5805		11.21	12.00
		165	5825		11.20	12.00
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	11.96	13.50
		46	5230		12.10	13.50
	U-NII-2A	54	5270		16.87	18.00
		62	5310		17.01	18.00
	U-NII-2C	102	5510		16.69	18.00
		110	5550		16.79	18.00
		118	5590		16.93	18.00
		126	5630		16.72	18.00
		134	5670		16.62	18.00
	U-NII-3	151	5755		11.06	11.50
		159	5795		11.13	11.50
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ax 80M	U-NII-1	42	5210	MCS0	12.45	14.00
	U-NII-2A	58	5290		16.87	18.50
	U-NII-2C	106	5530		16.60	18.50
		122	5610		16.71	18.50
	U-NII-3	155	5775		11.04	12.00

WIFI 5G ECI 3 MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11a	U-NII-1	36	5180	6	\	\	\	\
		40	5200		\	\	\	\
		44	5220		\	\	\	\
		48	5240		\	\	\	\
	U-NII-2A	52	5260		\	\	\	\
		56	5280		\	\	\	\
		60	5300		\	\	\	\
		64	5320		\	\	\	\
	U-NII-2C	100	5500		\	\	\	\
		104	5520		\	\	\	\
		108	5540		\	\	\	\
		112	5560		\	\	\	\
		116	5580		\	\	\	\
		120	5600		\	\	\	\
		124	5620		\	\	\	\
		128	5640		\	\	\	\
	U-NII-3	132	5660		\	\	\	\
		136	5680		\	\	\	\
		140	5700		\	\	\	\
		149	5745		\	\	\	\
153		5765	\	\	\	\		
	157	5785	\	\	\	\		
	161	5805	\	\	\	\		
	165	5825	\	\	\	\		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.35	13.84	16.61	17.50
		40	5200		13.35	13.83	16.61	17.50
		44	5220		13.35	14.02	16.71	17.50
		48	5240		13.44	13.75	16.61	17.50
	U-NII-2A	52	5260		18.18	18.00	21.10	22.00
		56	5280		18.21	18.02	21.13	22.00
		60	5300		18.08	17.80	20.95	22.00
		64	5320		18.19	18.01	21.11	22.00
	U-NII-2C	100	5500		18.61	17.80	21.23	22.00
		104	5520		18.67	17.51	21.14	22.00
		108	5540		18.62	17.62	21.16	22.00
		112	5560		18.59	17.62	21.14	22.00
		116	5580		18.69	17.73	21.25	22.00
		120	5600		18.62	17.68	21.18	22.00
		124	5620		18.57	17.88	21.25	22.00
		128	5640		18.43	17.64	21.06	22.00
	132	5660	18.21		17.81	21.02	22.00	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up		
	U-NII-3	136	5680		18.36	17.86	21.13	22.00		
		140	5700		17.93	17.83	20.89	22.00		
		149	5745		10.51	11.71	14.16	15.50		
		153	5765		10.68	11.70	14.23	15.50		
		157	5785		10.77	11.94	14.40	15.50		
		161	5805		10.76	11.65	14.24	15.50		
		165	5825		10.73	11.76	14.29	15.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	12.67	12.32	15.51	16.50		
		46	5230		12.60	12.43	15.53	16.50		
	U-NII-2A	54	5270		17.39	17.03	20.22	21.00		
		62	5310		17.42	17.01	20.23	21.00		
	U-NII-2C	102	5510		17.32	16.63	20.00	21.00		
		110	5550		17.52	16.85	20.21	21.00		
		118	5590		17.31	16.87	20.11	21.00		
		126	5630		17.35	16.63	20.02	21.00		
	U-NII-3	134	5670		17.23	16.52	19.90	21.00		
		151	5755		10.49	11.05	13.79	14.50		
	159	5795	10.52		11.03	13.79	14.50			
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
	802.11ac-20	U-NII-1	36		5180	MCS0	12.82	13.25	16.05	17.00
			40		5200		12.80	13.39	16.12	17.00
44			5220	12.88	13.36		16.14	17.00		
48			5240	12.78	13.25		16.03	17.00		
U-NII-2A		52	5260	17.01	17.52		20.28	21.50		
		56	5280	17.10	17.53		20.33	21.50		
		60	5300	17.06	17.43		20.26	21.50		
		64	5320	17.12	17.41		20.28	21.50		
U-NII-2C		100	5500	18.03	17.34		20.71	21.50		
		104	5520	18.11	17.06		20.63	21.50		
		108	5540	18.13	17.12		20.66	21.50		
		112	5560	18.10	17.16		20.67	21.50		
		116	5580	18.03	17.21		20.65	21.50		
		120	5600	18.06	17.24		20.68	21.50		
		124	5620	17.98	17.36		20.69	21.50		
		128	5640	17.88	17.30		20.61	21.50		
		132	5660	17.65	17.30		20.49	21.50		
		136	5680	17.85	17.21		20.55	21.50		
U-NII-3		140	5700	17.59	17.33		20.47	21.50		
		149	5745	10.29	11.18		13.77	14.50		
		153	5765	10.18	11.23		13.75	14.50		
		157	5785	10.11	11.18		13.69	14.50		
		161	5805	10.06	11.18		13.67	14.50		

5GHz	mode	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	10.22 Average Power (dBm) Ant7	11.30 Average Power (dBm) Ant9	13.80 Average Power (dBm) MIMO	14.50 Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.60	12.29	15.46	16.50
		46	5230		12.43	12.43	15.44	16.50
	U-NII-2A	54	5270		17.32	16.95	20.15	21.00
		62	5310		17.41	17.00	20.22	21.00
	U-NII-2C	102	5510		17.28	16.61	19.97	21.00
		110	5550		17.43	16.74	20.11	21.00
		118	5590		17.30	16.85	20.09	21.00
		126	5630		17.33	16.60	19.99	21.00
	U-NII-3	134	5670		17.21	16.50	19.88	21.00
		151	5755		10.55	11.09	13.84	14.50
159	5795	10.53	11.03	13.80	14.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.98	12.33	15.68	17.00
	U-NII-2A	58	5290		17.56	16.87	20.24	21.50
	U-NII-2C	106	5530		18.02	16.59	20.37	21.50
		122	5610		17.98	16.65	20.38	21.50
	U-NII-3	155	5775		10.65	10.97	13.82	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	12.83	13.31	16.09	17.00
		40	5200		12.97	13.27	16.13	17.00
		44	5220		13.02	13.33	16.19	17.00
		48	5240		12.94	13.37	16.17	17.00
	U-NII-2A	52	5260		17.13	17.74	20.46	21.50
		56	5280		17.16	17.81	20.51	21.50
		60	5300		17.21	17.64	20.44	21.50
		64	5320		17.29	17.88	20.61	21.50
	U-NII-2C	100	5500		18.11	17.62	20.88	21.50
		104	5520		18.16	17.59	20.89	21.50
		108	5540		18.23	17.32	20.81	21.50
		112	5560		18.26	17.36	20.84	21.50
		116	5580		18.11	17.43	20.79	21.50
		120	5600		18.09	17.42	20.78	21.50
		124	5620		18.03	17.20	20.65	21.50
		128	5640		17.89	17.31	20.62	21.50
		132	5660		17.98	17.34	20.68	21.50
		136	5680		17.99	17.39	20.71	21.50
	U-NII-3	140	5700		17.87	17.43	20.67	21.50
		149	5745		10.34	11.33	13.87	15.00
		153	5765		10.28	11.29	13.82	15.00
	157	5785	10.07		11.39	13.79	15.00	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up	
		161	5805		10.19	11.21	13.74	15.00	
		165	5825		10.24	11.20	13.76	15.00	
802.11ax-40	U-NII-1	38	5190	MCS0	12.71	11.96	15.36	16.50	
		46	5230		12.61	12.10	15.37	16.50	
	U-NII-2A	54	5270		17.34	16.87	20.12	21.00	
		62	5310		17.49	17.01	20.27	21.00	
	U-NII-2C	102	5510		17.33	16.69	20.03	21.00	
			110		5550	17.46	16.79	20.15	21.00
			118		5590	17.32	16.93	20.14	21.00
			126		5630	17.30	16.72	20.03	21.00
		134	5670		17.29	16.62	19.98	21.00	
	U-NII-3	151	5755		10.54	11.06	13.82	14.50	
		159	5795	10.60	11.13	13.88	14.50		
802.11ax 80M	U-NII-1	42	5210	MCS0	13.13	12.45	15.81	17.00	
	U-NII-2A	58	5290		17.88	16.87	20.41	21.50	
	U-NII-2C	106	5530		18.13	16.60	20.44	21.50	
			122		5610	18.01	16.71	20.42	21.50
	U-NII-3	155	5775		11.14	11.04	14.10	15.00	

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	16.84	18.00		
		40	5200		16.66	18.00		
		44	5220		16.83	18.00		
		48	5240		16.73	18.00		
	U-NII-2A	52	5260		17.15	18.00		
		56	5280		17.18	18.00		
		60	5300		17.24	18.00		
		64	5320		17.12	18.00		
	U-NII-2C	100	5500		14.65	16.00		
		104	5520		14.69	16.00		
		108	5540		14.81	16.00		
		112	5560		14.22	16.00		
		116	5580		14.54	16.00		
		120	5600		14.51	16.00		
		124	5620		14.44	16.00		
		128	5640		14.25	16.00		
	U-NII-3	132	5660		14.31	16.00		
		136	5680		14.34	16.00		
		140	5700		14.26	16.00		
		149	5745		13.13	14.00		

		153	5765		13.15	14.00
		157	5785		12.96	14.00
		161	5805		13.02	14.00
		165	5825		13.05	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.63	17.00
		40	5200		15.59	17.00
		44	5220		15.67	17.00
		48	5240		15.76	17.00
	U-NII-2A	52	5260		16.01	17.00
		56	5280		15.99	17.00
		60	5300		15.92	17.00
		64	5320		15.97	17.00
	U-NII-2C	100	5500		14.27	15.00
		104	5520		14.30	15.00
		108	5540		14.22	15.00
		112	5560		14.23	15.00
		116	5580		14.30	15.00
		120	5600		14.24	15.00
		124	5620		14.25	15.00
		128	5640		14.08	15.00
		132	5660		13.85	15.00
		136	5680		13.96	15.00
	U-NII-3	140	5700		13.62	15.00
		149	5745		11.13	13.00
153		5765	11.23	13.00		
157		5785	11.32	13.00		
161		5805	11.25	13.00		
		165	5825	11.35	13.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.95	16.00
		46	5230		14.93	16.00
	U-NII-2A	54	5270		15.21	16.00
		62	5310		15.22	16.00
	U-NII-2C	102	5510		12.93	14.00
		110	5550		13.16	14.00
		118	5590		12.97	14.00
		126	5630		13.08	14.00
	U-NII-3	134	5670		12.89	14.00
		151	5755		11.01	12.00
		159	5795	11.12	12.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	15.37	16.50
		40	5200		15.34	16.50
		44	5220		15.39	16.50
		48	5240		15.27	16.50
	U-NII-2A	52	5260		14.98	16.50

		56	5280		15.14	16.50
		60	5300		15.05	16.50
		64	5320		15.17	16.50
	U-NII-2C	100	5500		13.64	14.50
		104	5520		13.76	14.50
		108	5540		13.83	14.50
		112	5560		13.77	14.50
		116	5580		13.69	14.50
		120	5600		13.71	14.50
		124	5620		13.68	14.50
		128	5640		13.51	14.50
		132	5660		13.27	14.50
		136	5680		13.49	14.50
	U-NII-3	140	5700		13.25	14.50
		149	5745		10.84	12.00
		153	5765		10.78	12.00
		157	5785		10.67	12.00
		161	5805		10.56	12.00
		165	5825		10.73	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	14.94	16.00
		46	5230		14.82	16.00
	U-NII-2A	54	5270		15.10	16.00
		62	5310		15.19	16.00
	U-NII-2C	102	5510		12.88	14.00
		110	5550		13.03	14.00
		118	5590		12.94	14.00
		126	5630		12.94	14.00
	U-NII-3	134	5670		12.91	14.00
		151	5755		10.96	12.00
159		5795	11.02	12.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.29	16.50
	U-NII-2A	58	5290		15.37	16.50
		106	5530		13.62	14.50
	U-NII-2C	122	5610		13.53	14.50
		155	5775		11.17	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	15.21	16.50
		40	5200		15.22	16.50
		44	5220		15.26	16.50
		48	5240		15.24	16.50
	U-NII-2A	52	5260		14.93	16.50
		56	5280		14.93	16.50
		60	5300		15.03	16.50
		64	5320		15.06	16.50
	U-NII-2C	100	5500		13.79	14.50

		104	5520		13.81	14.50
		108	5540		13.84	14.50
		112	5560		13.86	14.50
		116	5580		13.71	14.50
		120	5600		13.77	14.50
		124	5620		13.65	14.50
		128	5640		13.53	14.50
		132	5660		13.65	14.50
		136	5680		13.59	14.50
		140	5700		13.57	14.50
	U-NII-3	149	5745		10.90	12.50
		153	5765		10.80	12.50
		157	5785		10.69	12.50
		161	5805		10.60	12.50
		165	5825		10.76	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	14.98	16.00
		46	5230		14.89	16.00
	U-NII-2A	54	5270		15.15	16.00
		62	5310		15.31	16.00
	U-NII-2C	102	5510		12.97	14.00
		110	5550		13.07	14.00
		118	5590		12.95	14.00
		126	5630		12.99	14.00
	U-NII-3	134	5670		12.93	14.00
		151	5755		11.07	12.00
159		5795	11.11	12.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	15.43	16.50
	U-NII-2A	58	5290		15.64	16.50
	U-NII-2C	106	5530		13.83	14.50
		122	5610		13.62	14.50
	U-NII-3	155	5775		11.61	12.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.93	20.00
		40	5200		18.79	20.00
		44	5220		18.96	20.00
		48	5240		18.93	20.00
	U-NII-2A	52	5260		18.68	20.00
		56	5280		18.89	20.00
		60	5300		18.76	20.00
		64	5320		18.83	20.00
	U-NII-2C	100	5500		18.52	20.00
		104	5520		18.32	20.00
		108	5540		18.29	20.00
		112	5560		18.27	20.00
		116	5580		18.46	20.00
		120	5600		18.45	20.00
		124	5620		18.54	20.00
		128	5640		18.32	20.00

		132	5660		18.30	20.00
		136	5680		18.44	20.00
		140	5700		18.46	20.00
	U-NII-3	149	5745		19.06	20.00
		153	5765		19.03	20.00
		157	5785		19.21	20.00
		161	5805		18.91	20.00
		165	5825		18.93	20.00
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	18.32	19.00
		40	5200		18.34	19.00
		44	5220		18.47	19.00
		48	5240		18.32	19.00
	U-NII-2A	52	5260		18.00	19.00
		56	5280		18.07	19.00
		60	5300		17.80	19.00
		64	5320		18.06	19.00
		100	5500		15.38	16.50
		104	5520		14.97	16.50
	U-NII-2C	108	5540		15.14	16.50
		112	5560		15.17	16.50
		116	5580		15.23	16.50
		120	5600		15.17	16.50
		124	5620		15.34	16.50
		128	5640		15.09	16.50
		132	5660		15.34	16.50
		136	5680		15.34	16.50
		140	5700		15.34	16.50
		149	5745		15.25	16.00
	U-NII-3	153	5765		15.24	16.00
157		5785	15.55	16.00		
161		5805	15.28	16.00		
165		5825	15.19	16.00		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	16.89	18.00
		46	5230		16.98	18.00
	U-NII-2A	54	5270		17.03	18.00
		62	5310		17.01	18.00
	U-NII-2C	102	5510		14.13	15.50
		110	5550		14.40	15.50
		118	5590		14.36	15.50
		126	5630		14.17	15.50
		134	5670		14.06	15.50
	U-NII-3	151	5755		14.56	15.00
		159	5795		14.54	15.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ac-20	U-NII-1	36	5180	MCS0	17.85	18.50
		40	5200		17.88	18.50
		44	5220		17.82	18.50
		48	5240		17.80	18.50
	U-NII-2A	52	5260		17.52	18.50
		56	5280		17.53	18.50
		60	5300		17.43	18.50
		64	5320		17.41	18.50
		100	5500		14.84	16.00
		104	5520		14.55	16.00
	U-NII-2C	108	5540		14.59	16.00
		112	5560		14.59	16.00
		116	5580		14.72	16.00
		120	5600		14.71	16.00
		124	5620		14.82	16.00
		128	5640		14.82	16.00
		132	5660		14.85	16.00
		136	5680		14.70	16.00
		140	5700		14.84	16.00
		149	5745		14.85	15.00

		153	5765		14.69	15.00
		157	5785		14.87	15.00
		161	5805		14.63	15.00
		165	5825		14.91	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	16.87	18.00
		46	5230		16.92	18.00
	U-NII-2A	54	5270		16.95	18.00
		62	5310		17.00	18.00
	U-NII-2C	102	5510		14.04	15.50
		110	5550		14.23	15.50
		118	5590		14.35	15.50
		126	5630		14.12	15.50
		134	5670		13.96	15.50
	U-NII-3	151	5755		14.68	15.00
159		5795	14.44	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	16.89	18.50
	U-NII-2A	58	5290		16.87	18.50
		106	5530		14.09	16.00
	U-NII-2C	122	5610		14.09	16.00
		155	5775		14.49	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	17.91	18.50
		40	5200		17.84	18.50
		44	5220		17.86	18.50
		48	5240		17.85	18.50
	U-NII-2A	52	5260		17.74	18.50
		56	5280		17.81	18.50
		60	5300		17.64	18.50
		64	5320		17.88	18.50
		100	5500		15.04	16.00
	U-NII-2C	104	5520		15.04	16.00
		108	5540		14.86	16.00
		112	5560		14.91	16.00
		116	5580		14.94	16.00
		120	5600		14.94	16.00
		124	5620		14.64	16.00
		128	5640		14.87	16.00
		132	5660		14.78	16.00
		136	5680		14.91	16.00
		140	5700		14.87	16.00
	U-NII-3	149	5745		14.80	15.50
		153	5765		14.89	15.50
		157	5785		15.02	15.50
		161	5805		14.78	15.50
165		5825	14.55	15.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	16.53	18.00
		46	5230		16.59	18.00
	U-NII-2A	54	5270		16.87	18.00
		62	5310		17.01	18.00
	U-NII-2C	102	5510		14.27	15.50
		110	5550		14.32	15.50
		118	5590		14.41	15.50
		126	5630		14.18	15.50
		134	5670		14.09	15.50
	U-NII-3	151	5755		14.67	15.00
159		5795	14.55	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	16.93	18.50
	U-NII-2A	58	5290		16.87	18.50
		106	5530		14.11	16.00
	U-NII-2C	122	5610		14.25	16.00

U-NII-3	155	5775	14.64	15.50
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WIFI 5G ECI 4 MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11a	U-NII-1	36	5180	6	\	\	\	\
		40	5200		\	\	\	\
		44	5220		\	\	\	\
		48	5240		\	\	\	\
	U-NII-2A	52	5260		\	\	\	\
		56	5280		\	\	\	\
		60	5300		\	\	\	\
		64	5320		\	\	\	\
	U-NII-2C	100	5500		\	\	\	\
		104	5520		\	\	\	\
		108	5540		\	\	\	\
		112	5560		\	\	\	\
		116	5580		\	\	\	\
		120	5600		\	\	\	\
		124	5620		\	\	\	\
		128	5640		\	\	\	\
	U-NII-3	132	5660		\	\	\	\
		136	5680		\	\	\	\
		140	5700		\	\	\	\
		149	5745		\	\	\	\
153		5765	\	\	\	\		
		157	5785	\	\	\	\	
		161	5805	\	\	\	\	
		165	5825	\	\	\	\	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.87	18.32	21.11	22.00
		40	5200		17.84	18.34	21.11	22.00
		44	5220		17.88	18.47	21.20	22.00
		48	5240		17.92	18.32	21.14	22.00
	U-NII-2A	52	5260		18.18	18.00	21.10	22.00
		56	5280		18.21	18.07	21.15	22.00
		60	5300		18.08	17.80	20.95	22.00
	U-NII-2C	64	5320		18.19	18.06	21.14	22.00
		100	5500		15.96	15.38	18.69	19.50
		104	5520		16.13	14.97	18.60	19.50
		108	5540		16.10	15.14	18.66	19.50
		112	5560		16.15	15.17	18.70	19.50
		116	5580		16.16	15.23	18.73	19.50
		120	5600		16.10	15.17	18.67	19.50

		124	5620		16.12	15.34	18.76	19.50
		128	5640		15.98	15.09	18.57	19.50
		132	5660		15.77	15.34	18.57	19.50
		136	5680		15.81	15.34	18.59	19.50
		140	5700		15.43	15.34	18.40	19.50
	U-NII-3	149	5745		14.10	15.25	17.72	19.00
		153	5765		14.34	15.24	17.82	19.00
		157	5785		14.25	15.55	17.96	19.00
		161	5805		14.18	15.28	17.77	19.00
		165	5825		14.29	15.19	17.77	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	17.18	16.89	20.05	21.00
		46	5230		17.12	16.98	20.06	21.00
	U-NII-2A	54	5270		17.39	17.03	20.22	21.00
		62	5310		17.42	17.01	20.23	21.00
	U-NII-2C	102	5510		14.82	14.13	17.50	18.50
		110	5550		14.95	14.40	17.69	18.50
		118	5590		14.74	14.36	17.57	18.50
		126	5630		14.89	14.17	17.56	18.50
	U-NII-3	134	5670		14.81	14.06	17.46	18.50
		151	5755		14.02	14.56	17.31	18.00
159		5795	14.07	14.54	17.32	18.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	17.32	17.85	20.60	21.50
		40	5200		17.34	17.88	20.63	21.50
		44	5220		17.43	17.82	20.64	21.50
		48	5240		17.32	17.80	20.58	21.50
	U-NII-2A	52	5260		17.01	17.52	20.28	21.50
		56	5280		17.10	17.53	20.33	21.50
		60	5300		17.06	17.43	20.26	21.50
	U-NII-2C	64	5320		17.12	17.41	20.28	21.50
		100	5500		15.51	14.84	18.20	19.00
		104	5520		15.58	14.55	18.11	19.00
		108	5540		15.58	14.59	18.12	19.00
		112	5560		15.68	14.59	18.18	19.00
		116	5580		15.45	14.72	18.11	19.00
		120	5600		15.49	14.71	18.13	19.00
		124	5620		15.42	14.82	18.14	19.00
		128	5640		15.44	14.82	18.15	19.00
	U-NII-3	132	5660		15.16	14.85	18.02	19.00
		136	5680		15.30	14.70	18.02	19.00
		140	5700		15.02	14.84	17.94	19.00
		149	5745		13.99	14.85	17.45	18.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up	
		153	5765		13.70	14.69	17.23	18.00	
		157	5785		13.69	14.87	17.33	18.00	
		161	5805		13.64	14.63	17.17	18.00	
		165	5825		13.68	14.91	17.35	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up	
802.11ac-40	U-NII-1	38	5190	MCS0	17.12	16.87	20.01	21.00	
		46	5230		17.03	16.92	19.99	21.00	
	U-NII-2A	54	5270		17.32	16.95	20.15	21.00	
		62	5310		17.41	17.00	20.22	21.00	
	U-NII-2C	102	5510		14.74	14.04	17.41	18.50	
		110	5550		14.98	14.23	17.63	18.50	
		118	5590		14.83	14.35	17.61	18.50	
		126	5630		14.83	14.12	17.50	18.50	
	U-NII-3	134	5670		14.65	13.96	17.33	18.50	
		151	5755		14.08	14.68	17.40	18.00	
			159		5795	14.01	14.44	17.24	18.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	17.49	16.89	20.21	21.50	
	U-NII-2A	58	5290		17.56	16.87	20.24	21.50	
	U-NII-2C	106	5530		15.53	14.09	17.88	19.00	
		122	5610		15.48	14.09	17.85	19.00	
	U-NII-3	155	5775		14.12	14.49	17.32	18.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up	
802.11ax-20	U-NII-1	36	5180	MCS0	17.43	17.91	20.69	21.50	
		40	5200		17.46	17.84	20.66	21.50	
		44	5220		17.51	17.86	20.70	21.50	
		48	5240		17.39	17.85	20.64	21.50	
	U-NII-2A	52	5260		17.13	17.74	20.46	21.50	
		56	5280		17.16	17.81	20.51	21.50	
		60	5300		17.21	17.64	20.44	21.50	
		64	5320		17.29	17.88	20.61	21.50	
	U-NII-2C	100	5500		15.62	15.04	18.35	19.00	
		104	5520		15.65	15.04	18.37	19.00	
		108	5540		15.67	14.86	18.29	19.00	
		112	5560		15.71	14.91	18.34	19.00	
		116	5580		15.66	14.94	18.33	19.00	
		120	5600		15.67	14.94	18.33	19.00	
		124	5620		15.48	14.64	18.09	19.00	
		128	5640		15.35	14.87	18.13	19.00	
			132		5660	15.47	14.78	18.15	19.00
			136		5680	15.54	14.91	18.25	19.00
			140		5700	15.42	14.87	18.16	19.00

		149	5745		14.00	14.80	17.43	18.50
		153	5765		13.71	14.89	17.35	18.50
		157	5785		13.61	15.02	17.38	18.50
		161	5805		13.70	14.78	17.28	18.50
		165	5825		13.69	14.55	17.15	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	17.16	16.53	19.87	21.00
		46	5230		17.09	16.59	19.86	21.00
	U-NII-2A	54	5270		17.34	16.87	20.12	21.00
		62	5310		17.49	17.01	20.27	21.00
	U-NII-2C	102	5510		14.78	14.27	17.54	18.50
		110	5550		15.01	14.32	17.69	18.50
		118	5590		14.87	14.41	17.66	18.50
		126	5630		14.84	14.18	17.53	18.50
	U-NII-3	134	5670		14.79	14.09	17.46	18.50
		151	5755		14.01	14.67	17.36	18.00
159	5795	14.10	14.55	17.34	18.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	17.62	16.93	20.30	21.50
	U-NII-2A	58	5290		17.88	16.87	20.41	21.50
	U-NII-2C	106	5530		15.56	14.11	17.91	19.00
		122	5610		15.53	14.25	17.95	19.00
	U-NII-3	155	5775		14.53	14.64	17.60	18.50

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.76	13.00
		40	5200		11.54	13.00
		44	5220		11.72	13.00
		48	5240		11.68	13.00
	U-NII-2A	52	5260		12.05	13.00
		56	5280		12.22	13.00
		60	5300		12.18	13.00
		64	5320		12.04	13.00
	U-NII-2C	100	5500		9.57	11.00
		104	5520		9.63	11.00
		108	5540		9.71	11.00
		112	5560		9.15	11.00
		116	5580		9.40	11.00
		120	5600		9.38	11.00
		124	5620		9.36	11.00
		128	5640		9.18	11.00
	U-NII-3	132	5660		9.22	11.00
		136	5680		9.27	11.00
		140	5700		9.13	11.00
		149	5745		7.99	9.00
153		5765	8.05	9.00		
		157	5785	7.84	9.00	
		161	5805	8.00	9.00	
		165	5825	8.01	9.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.67	12.00
		40	5200		10.61	12.00
		44	5220		10.70	12.00
		48	5240		10.80	12.00
	U-NII-2A	52	5260		10.94	12.00
		56	5280		10.87	12.00
		60	5300		10.96	12.00
		64	5320		10.83	12.00
	U-NII-2C	100	5500		9.12	10.00
		104	5520		9.17	10.00
		108	5540		9.07	10.00
		112	5560		9.19	10.00
		116	5580		9.16	10.00
		120	5600		9.14	10.00
		124	5620		9.17	10.00
		128	5640		9.02	10.00
	U-NII-3	132	5660		8.85	10.00
		136	5680		8.96	10.00
		140	5700		8.66	10.00
		149	5745		6.11	8.00
153		5765	6.23	8.00		
		157	5785	6.23	8.00	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		161	5805		6.15	8.00
		165	5825		6.23	8.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	9.98	11.00
		46	5230		9.88	11.00
	U-NII-2A	54	5270		10.07	11.00
		62	5310		10.17	11.00
	U-NII-2C	102	5510		7.84	9.00
		110	5550		8.06	9.00
		118	5590		8.00	9.00
		126	5630		8.06	9.00
	U-NII-3	134	5670		7.90	9.00
		151	5755		5.99	7.00
		159	5795	6.12	7.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	10.31	11.50
		40	5200		10.38	11.50
		44	5220		10.36	11.50
		48	5240		10.26	11.50
	U-NII-2A	52	5260		10.01	11.50
		56	5280		10.00	11.50
		60	5300		9.96	11.50
		64	5320		10.09	11.50
	U-NII-2C	100	5500		8.66	9.50
		104	5520		8.67	9.50
		108	5540		8.77	9.50
		112	5560		8.77	9.50
		116	5580		8.61	9.50
		120	5600		8.57	9.50
		124	5620		8.73	9.50
		128	5640		8.56	9.50
	U-NII-3	132	5660		8.22	9.50
		136	5680		8.42	9.50
		140	5700		8.25	9.50
		149	5745		5.75	7.00
		153	5765		5.66	7.00
		157	5785		5.55	7.00
		161	5805		5.41	7.00
		165	5825		5.70	7.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	9.99	11.00
		46	5230		9.67	11.00
	U-NII-2A	54	5270		10.06	11.00
		62	5310		10.14	11.00
	U-NII-2C	102	5510		7.93	9.00
		110	5550		8.08	9.00
		118	5590		7.84	9.00
		126	5630		7.90	9.00
		134	5670	7.77	9.00	

	U-NII-3	151	5755		5.94	7.00	
		159	5795		6.01	7.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 80M	U-NII-1	42	5210	MCS0	10.20	11.50	
	U-NII-2A	58	5290		10.24	11.50	
	U-NII-2C	106	5530		8.60	9.50	
		122	5610		8.58	9.50	
	U-NII-3	155	5775		6.08	7.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax-20	U-NII-1	36	5180	MCS0	10.24	11.50	
		40	5200		10.17	11.50	
		44	5220		10.20	11.50	
		48	5240		10.09	11.50	
	U-NII-2A	52	5260		9.93	11.50	
		56	5280		9.98	11.50	
		60	5300		9.98	11.50	
		64	5320		10.07	11.50	
	U-NII-2C	100	5500		8.65	9.50	
		104	5520		8.82	9.50	
		108	5540		8.71	9.50	
		112	5560		8.84	9.50	
		116	5580		8.66	9.50	
		120	5600		8.73	9.50	
		124	5620		8.53	9.50	
		128	5640		8.50	9.50	
		132	5660		8.60	9.50	
		136	5680		8.61	9.50	
	U-NII-3	140	5700		8.46	9.50	
		149	5745		5.88	7.50	
		153	5765		5.70	7.50	
		157	5785		5.55	7.50	
		161	5805		5.58	7.50	
			165		5825	5.61	7.50
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	9.85	11.00	
		46	5230		9.78	11.00	
	U-NII-2A	54	5270		10.06	11.00	
		62	5310		10.16	11.00	
	U-NII-2C	102	5510		8.02	9.00	
		110	5550		7.93	9.00	
		118	5590		7.83	9.00	
		126	5630		8.00	9.00	
		134	5670		7.94	9.00	
	U-NII-3	151	5755		6.02	7.00	
159		5795	6.04	7.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax 80M	U-NII-1	42	5210	MCS0	10.32	11.50	
	U-NII-2A	58	5290		10.68	11.50	

	U-NII-2C	106	5530	8.74	9.50
		122	5610	8.53	9.50
	U-NII-3	155	5775	6.47	7.50

WIFI 5G ECI 6 ANT9						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.95	19.00
		40	5200		17.80	19.00
		44	5220		17.92	19.00
		48	5240		17.95	19.00
	U-NII-2A	52	5260		17.69	19.00
		56	5280		17.89	19.00
		60	5300		17.71	19.00
		64	5320		17.79	19.00
	U-NII-2C	100	5500		18.52	20.00
		104	5520		18.32	20.00
		108	5540		18.29	20.00
		112	5560		18.27	20.00
		116	5580		18.46	20.00
		120	5600		18.45	20.00
		124	5620		18.54	20.00
		128	5640		18.32	20.00
		132	5660		18.30	20.00
		136	5680		18.44	20.00
	U-NII-3	140	5700		18.46	20.00
		149	5745		19.06	20.00
153		5765	19.03	20.00		
157		5785	19.21	20.00		
161		5805	18.91	20.00		
165		5825	18.93	20.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.30	14.00
		40	5200		13.35	14.00
		44	5220		13.38	14.00
		48	5240		13.29	14.00
	U-NII-2A	52	5260		12.92	14.00
		56	5280		12.98	14.00
		60	5300		12.82	14.00
		64	5320		13.02	14.00
	U-NII-2C	100	5500		10.29	11.50
		104	5520		9.93	11.50
		108	5540		10.19	11.50
		112	5560		10.12	11.50
		116	5580		10.15	11.50
		120	5600		10.08	11.50
		124	5620		10.24	11.50
		128	5640		10.14	11.50
		132	5660		10.25	11.50
		136	5680		10.30	11.50
	U-NII-3	140	5700		10.27	11.50
		149	5745		10.23	11.00
153		5765	10.26	11.00		
157		5785	10.60	11.00		
161		5805	10.25	11.00		
165		5825	10.22	11.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.81	13.00
		46	5230		11.88	13.00
	U-NII-2A	54	5270		12.02	13.00
		62	5310		11.96	13.00
	U-NII-2C	102	5510		9.12	10.50
		110	5550		9.43	10.50
		118	5590		9.32	10.50
		126	5630		9.08	10.50
		134	5670		9.01	10.50
	U-NII-3	151	5755		9.46	10.00

5GHz	mode	159 Channel	5795 Frequency(MHz)	Data Rate(Mbps)	9.45 Average Power (dBm)	10.00 Tune up	
802.11ac-20	U-NII-1	36	5180	MCS0	12.81	13.50	
		40	5200		12.78	13.50	
		44	5220		12.84	13.50	
		48	5240		12.84	13.50	
	U-NII-2A	52	5260		12.42	13.50	
		56	5280		12.43	13.50	
		60	5300		12.41	13.50	
		64	5320		12.43	13.50	
	U-NII-2C	100	5500		9.86	11.00	
		104	5520		9.59	11.00	
		108	5540		9.52	11.00	
		112	5560		9.54	11.00	
		116	5580		9.65	11.00	
		120	5600		9.62	11.00	
		124	5620		9.72	11.00	
		128	5640		9.84	11.00	
	U-NII-3	132	5660		9.82	11.00	
		136	5680		9.71	11.00	
140		5700	9.88	11.00			
149		5745	9.81	10.00			
153		5765	9.71	10.00			
157		5785	9.80	10.00			
		161	5805	9.68	10.00		
		165	5825	9.81	10.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac-40	U-NII-1	38	5190	MCS0	11.80	13.00	
		46	5230		11.89	13.00	
	U-NII-2A	54	5270		11.94	13.00	
		62	5310		12.05	13.00	
		U-NII-2C	102		5510	8.95	10.50
			110		5550	9.13	10.50
	118		5590		9.38	10.50	
	126		5630		9.02	10.50	
	U-NII-3	134	5670		8.88	10.50	
		151	5755		9.66	10.00	
159		5795	9.66	10.00			
			159	5795	9.44	10.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac 80M	U-NII-1	42	5210	MCS0	11.81	13.50	
	U-NII-2A	58	5290		11.81	13.50	
	U-NII-2C	106	5530		9.07	11.00	
		122	5610		9.05	11.00	
	U-NII-3	155	5775		9.54	10.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax-20	U-NII-1	36	5180	MCS0	12.88	13.50	
		40	5200		12.80	13.50	
		44	5220		12.76	13.50	
		48	5240		12.79	13.50	
	U-NII-2A	52	5260		12.75	13.50	
		56	5280		12.76	13.50	
		60	5300		12.66	13.50	
		64	5320		12.78	13.50	
	U-NII-2C	100	5500		10.00	11.00	
		104	5520		10.05	11.00	
		108	5540		9.78	11.00	
		112	5560		9.90	11.00	
		116	5580		9.94	11.00	
		120	5600		9.93	11.00	
		124	5620		9.66	11.00	
		128	5640		9.86	11.00	
	U-NII-3	132	5660		9.75	11.00	
		136	5680		9.96	11.00	
140		5700	9.83	11.00			
149		5745	9.70	10.50			
153		5765	9.91	10.50			
157		5785	9.92	10.50			
		161	5805	9.72	10.50		

5GHz	mode	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	9.47 Average Power (dBm)	10.50 Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	11.45	13.00
		46	5230		11.49	13.00
	U-NII-2A	54	5270		11.91	13.00
		62	5310		11.99	13.00
	U-NII-2C	102	5510		9.23	10.50
		110	5550		9.31	10.50
		118	5590		9.38	10.50
		126	5630		9.12	10.50
		134	5670		9.13	10.50
	U-NII-3	151	5755		9.60	10.00
159		5795	9.46	10.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.88	13.50
	U-NII-2A	58	5290		11.90	13.50
	U-NII-2C	106	5530		9.06	11.00
		122	5610		9.23	11.00
	U-NII-3	155	5775		9.65	10.50

WIFI 5G ECI 6 MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11a	U-NII-1	36	5180	6	\	\	\	\
		40	5200		\	\	\	\
		44	5220		\	\	\	\
		48	5240		\	\	\	\
	U-NII-2A	52	5260		\	\	\	\
		56	5280		\	\	\	\
		60	5300		\	\	\	\
		64	5320		\	\	\	\
	U-NII-2C	100	5500		\	\	\	\
		104	5520		\	\	\	\
		108	5540		\	\	\	\
		112	5560		\	\	\	\
		116	5580		\	\	\	\
		120	5600		\	\	\	\
		124	5620		\	\	\	\
		128	5640		\	\	\	\
	U-NII-3	132	5660		\	\	\	\
		136	5680		\	\	\	\
		140	5700		\	\	\	\
		149	5745		\	\	\	\
153		5765	\	\	\	\		
		157	5785	\	\	\	\	
		161	5805	\	\	\	\	
		165	5825	\	\	\	\	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
	U-NII-1	36	5180	MCS0	12.82	13.30	16.08	17.00

802.11n- HT20		40	5200	MCS0	12.75	13.35	16.07	17.00
		44	5220		12.80	13.38	16.11	17.00
		48	5240		12.93	13.29	16.13	17.00
	U-NII-2A	52	5260		13.16	12.92	16.05	17.00
		56	5280		13.16	12.98	16.08	17.00
		60	5300		13.06	12.82	15.95	17.00
		64	5320		13.15	13.02	16.10	17.00
	U-NII-2C	100	5500		10.87	10.29	13.60	14.50
		104	5520		11.13	9.93	13.58	14.50
		108	5540		11.11	10.19	13.68	14.50
		112	5560		11.09	10.12	13.64	14.50
		116	5580		11.08	10.15	13.65	14.50
		120	5600		11.03	10.08	13.59	14.50
		124	5620		11.02	10.24	13.66	14.50
		128	5640		10.91	10.14	13.55	14.50
		132	5660		10.67	10.25	13.48	14.50
		136	5680		10.71	10.30	13.52	14.50
	U-NII-3	140	5700		10.48	10.27	13.39	14.50
		149	5745		9.07	10.23	12.70	14.00
		153	5765		9.29	10.26	12.81	14.00
157		5785	9.23	10.60	12.98	14.00		
161		5805	9.21	10.25	12.77	14.00		
165	5825	9.31	10.22	12.80	14.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11n- HT40	U-NII-1	38	5190	MCS0	12.10	11.81	14.97	16.00
		46	5230		12.06	11.88	14.98	16.00
	U-NII-2A	54	5270		12.36	12.02	15.20	16.00
		62	5310		12.40	11.96	15.20	16.00
	U-NII-2C	102	5510		9.87	9.12	12.52	13.50
		110	5550		9.86	9.43	12.66	13.50
		118	5590		9.69	9.32	12.52	13.50
		126	5630		9.81	9.08	12.47	13.50
	U-NII-3	134	5670		9.81	9.01	12.44	13.50
		151	5755		9.01	9.46	12.25	13.00
159	5795	9.00	9.45	12.24	13.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	12.26	12.81	15.55	16.50
		40	5200		12.24	12.78	15.53	16.50
		44	5220		12.39	12.84	15.63	16.50
		48	5240		12.25	12.84	15.57	16.50
	U-NII-2A	52	5260		11.94	12.42	15.20	16.50
		56	5280		12.12	12.43	15.29	16.50
		60	5300		11.97	12.41	15.21	16.50
		64	5320		12.09	12.43	15.27	16.50

		100	5500		10.48	9.86	13.19	14.00
		104	5520		10.52	9.59	13.09	14.00
		108	5540		10.61	9.52	13.11	14.00
		112	5560		10.68	9.54	13.16	14.00
		116	5580		10.50	9.65	13.11	14.00
		120	5600		10.44	9.62	13.06	14.00
		124	5620		10.34	9.72	13.05	14.00
		128	5640		10.43	9.84	13.16	14.00
		132	5660		10.12	9.82	12.98	14.00
		136	5680		10.22	9.71	12.98	14.00
		140	5700		10.02	9.88	12.96	14.00
		149	5745		8.97	9.81	12.42	13.00
		153	5765		8.74	9.71	12.26	13.00
		157	5785		8.66	9.80	12.28	13.00
		161	5805		8.64	9.68	12.20	13.00
		165	5825		8.63	9.81	12.27	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.06	11.80	14.94	16.00
		46	5230		12.08	11.89	15.00	16.00
	U-NII-2A	54	5270		12.36	11.94	15.17	16.00
		62	5310		12.40	12.05	15.24	16.00
	U-NII-2C	102	5510		9.75	8.95	12.38	13.50
		110	5550		9.98	9.13	12.59	13.50
		118	5590		9.83	9.38	12.62	13.50
		126	5630		9.75	9.02	12.41	13.50
	U-NII-3	134	5670		9.63	8.88	12.28	13.50
		151	5755		9.06	9.66	12.38	13.00
159	5795	9.06	9.44	12.26	13.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.41	11.81	15.13	16.50
	U-NII-2A	58	5290		12.56	11.81	15.21	16.50
	U-NII-2C	106	5530		10.46	9.07	12.83	14.00
		122	5610		10.52	9.05	12.86	14.00
	U-NII-3	155	5775		9.17	9.54	12.37	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	12.40	12.88	15.66	16.50
		40	5200		12.41	12.80	15.62	16.50
		44	5220		12.53	12.76	15.66	16.50
		48	5240		12.36	12.79	15.59	16.50
	U-NII-2A	52	5260		12.06	12.75	15.43	16.50
		56	5280		12.09	12.76	15.45	16.50
		60	5300		12.14	12.66	15.42	16.50

		64	5320		12.32	12.78	15.57	16.50
	U-NII-2C	100	5500		10.67	10.00	13.36	14.00
		104	5520		10.65	10.05	13.37	14.00
		108	5540		10.57	9.78	13.20	14.00
		112	5560		10.70	9.90	13.33	14.00
		116	5580		10.61	9.94	13.30	14.00
		120	5600		10.66	9.93	13.32	14.00
		124	5620		10.51	9.66	13.12	14.00
		128	5640		10.26	9.86	13.07	14.00
		132	5660		10.44	9.75	13.12	14.00
		136	5680		10.56	9.96	13.28	14.00
		140	5700		10.42	9.83	13.15	14.00
		U-NII-3	149	5745		8.92	9.70	12.34
	153		5765		8.68	9.91	12.35	13.50
	157		5785		8.61	9.92	12.32	13.50
	161		5805		8.69	9.72	12.25	13.50
	165		5825		8.60	9.47	12.07	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	12.13	11.45	14.81	16.00
		46	5230		12.09	11.49	14.81	16.00
	U-NII-2A	54	5270		12.33	11.91	15.14	16.00
		62	5310		12.54	11.99	15.28	16.00
	U-NII-2C	102	5510		9.71	9.23	12.49	13.50
		110	5550		10.01	9.31	12.68	13.50
		118	5590		9.92	9.38	12.67	13.50
		126	5630		9.75	9.12	12.46	13.50
	U-NII-3	134	5670		9.75	9.13	12.46	13.50
		151	5755		8.98	9.60	12.31	13.00
159	5795	9.03	9.46	12.26	13.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm) MIMO	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.62	11.88	15.28	16.50
	U-NII-2A	58	5290		12.78	11.90	15.37	16.50
	U-NII-2C	106	5530		10.58	9.06	12.90	14.00
		122	5610		10.48	9.23	12.91	14.00
	U-NII-3	155	5775		9.50	9.65	12.59	13.50

8.3 Conducted Power of Bluetooth

BT ECI 1/3/4		Average Conducted Power(dBm)				
Band	Channel	0	39	Tune up	78	Tune up
BT	GFSK	6.48	6.54	7.50	5.72	7.00
	$\pi/4$ DQPSK	3.98	4.19	5.00	2.49	4.00
	8DPSK	3.99	4.23	5.00	2.68	4.00
Band	Channel	0	19	Tune up	39	Tune up
BLE 1M	GFSK	1.20	1.41	3.00	0.45	2.00
BLE 2M	GFSK	1.34	1.49	3.00	0.33	2.00