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# Appendix E

## Conducted RF Output Power Table

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# 1 Measurement of RF conducted Power

## 1.1 Conducted Power of Main Antenna (Ant0)

### 1.1.1 Conducted Power of GSM

GSM 850 receiver off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.52	32.40	32.73	33.50	-9.19	23.33	23.21	23.54	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.57	32.45	32.78	33.50	-9.19	23.38	23.26	23.59	24.31
	2 TX Slots	29.98	30.10	29.94	31.00	-6.18	23.80	23.92	23.76	24.82
	3 TX Slots	28.66	28.85	28.82	29.50	-4.42	24.24	24.43	24.40	25.08
	4 TX Slots	27.49	27.32	27.35	28.50	-3.17	24.32	24.15	24.18	<b>25.33</b>
EGPRS(8PSK)	1 TX Slot	26.72	26.77	26.72	27.50	-9.19	17.53	17.58	17.53	18.31
	2 TX Slots	24.41	24.54	24.33	25.50	-6.18	18.23	18.36	18.15	19.32
	3 TX Slots	23.44	23.45	23.47	23.50	-4.42	19.02	19.03	19.05	19.08
	4 TX Slots	21.74	21.80	21.80	22.00	-3.17	18.57	18.63	18.63	18.83

GSM 850 receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	29.63	29.78	29.97	31.00	-9.19	20.44	20.59	20.78	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.61	29.77	29.98	31.00	-9.19	20.42	20.58	20.79	21.81
	2 TX Slots	27.03	27.39	27.21	28.50	-6.18	20.85	21.21	21.03	<b>22.32</b>
	3 TX Slots	25.31	25.65	25.54	26.50	-4.42	20.89	21.23	21.12	22.08
	4 TX Slots	24.03	24.00	24.06	24.50	-3.17	20.86	20.83	20.89	21.33
EGPRS(8PSK)	1 TX Slot	23.93	23.87	23.95	25.00	-9.19	14.74	14.68	14.76	15.81
	2 TX Slots	21.82	21.95	21.84	23.00	-6.18	15.64	15.77	15.66	16.82
	3 TX Slots	19.52	19.61	19.65	21.00	-4.42	15.10	15.19	15.23	16.58
	4 TX Slots	18.44	18.45	18.46	19.50	-3.17	15.27	15.28	15.29	16.33

GSM 850 receiver on+WiFi/BT										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	27.70	27.85	28.00	29.00	-9.19	18.51	18.66	18.81	19.81
GPRS/EGPRS (GMSK)	1 TX Slot	27.67	27.86	27.95	29.00	-9.19	18.48	18.67	18.76	19.81
	2 TX Slots	25.00	25.48	25.19	26.50	-6.18	18.82	19.30	19.01	<b>20.32</b>
	3 TX Slots	23.34	23.65	23.53	24.50	-4.42	18.92	19.23	19.11	20.08
	4 TX Slots	22.13	22.08	22.05	22.50	-3.17	18.96	18.91	18.88	19.33
EGPRS(8PSK)	1 TX Slot	22.00	21.86	22.00	23.00	-9.19	12.81	12.67	12.81	13.81
	2 TX Slots	19.78	19.95	19.88	21.00	-6.18	13.60	13.77	13.70	14.82
	3 TX Slots	17.56	17.66	17.64	19.00	-4.42	13.14	13.24	13.22	14.58
	4 TX Slots	16.47	16.46	16.49	17.50	-3.17	13.30	13.29	13.32	14.33

Table 1 : Conducted Power of GSM

**1.1.2 Conducted Power of WCDMA**

<b>WCDMA Band V Receiver on/Receiver off</b>					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.45	<b>23.68</b>	23.67	25.00
	12.2kbps AMR	23.41	23.59	23.63	25.00
HSDPA	Subtest 1	21.94	22.09	21.95	23.50
	Subtest 2	21.68	22.06	21.90	23.50
	Subtest 3	21.57	21.51	21.58	23.00
	Subtest 4	21.59	21.54	21.51	23.00
HSUPA	Subtest 1	21.96	21.99	21.89	23.50
	Subtest 2	19.91	19.99	19.89	21.50
	Subtest 3	20.96	20.99	20.86	22.50
	Subtest 4	19.95	20.00	19.86	21.50
DC-HSDPA	Subtest 1	21.91	22.03	21.88	23.50
	Subtest 2	21.65	22.02	21.85	23.50
	Subtest 3	21.53	21.55	21.53	23.00
	Subtest 4	21.55	21.57	21.59	23.00
HSPA+	16QAM	21.91	21.95	21.86	23.50

<b>WCDMA Band V Receiver on+WiFi/BT</b>					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.42	<b>18.73</b>	18.71	20.00
	12.2kbps AMR	18.45	18.62	18.60	20.00
HSDPA	Subtest 1	16.96	17.04	16.95	18.50
	Subtest 2	16.73	17.08	16.86	18.50
	Subtest 3	16.62	16.61	16.54	18.00
	Subtest 4	16.61	16.55	16.55	18.00
HSUPA	Subtest 1	17.03	17.04	16.88	18.50
	Subtest 2	14.94	14.95	14.91	16.50
	Subtest 3	15.94	16.00	15.86	17.50
	Subtest 4	14.98	14.95	14.82	16.50
	Subtest 5	16.99	17.01	16.92	18.50
DC-HSDPA	Subtest 1	17.01	16.98	16.95	18.50
	Subtest 2	16.70	17.00	16.94	18.50
	Subtest 3	16.62	16.53	16.48	18.00
	Subtest 4	16.53	16.53	16.65	18.00
HSPA+	16QAM	16.98	17.02	16.85	18.50

Table 2 : Conducted Power of WCDMA

## 1.1.3 Conducted Power of LTE

LTE Band 5 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.11	23.03	22.92	24.50
		1	2	23.22	23.09	22.92	24.50
		1	5	23.04	22.95	22.73	24.50
		3	0	23.15	23.08	22.97	24.50
		3	2	23.17	23.06	22.94	24.50
		3	3	23.08	23.11	22.86	24.50
	16QAM	6	0	22.22	22.12	22.04	23.50
		1	0	22.77	22.35	22.47	23.50
		1	2	22.20	22.26	22.53	23.50
		1	5	22.37	22.22	22.44	23.50
		3	0	22.28	22.13	22.00	23.50
		3	2	22.24	22.10	22.01	23.50
	64QAM	3	3	22.23	22.19	21.82	23.50
		6	0	21.25	21.26	21.05	22.50
		1	0	21.81	21.40	21.46	22.50
		1	2	21.24	21.28	21.53	22.50
		1	5	21.35	21.18	21.40	22.50
		3	0	21.27	21.17	21.00	22.50
3MHz	QPSK	3	2	21.26	21.09	20.99	22.50
		3	3	21.24	21.18	20.85	22.50
		6	0	20.54	20.10	20.42	21.50
		1	0	23.21	23.09	22.96	24.50
		1	7	23.18	23.22	22.94	24.50
		1	14	23.13	23.04	22.88	24.50
	16QAM	8	0	22.30	22.17	22.11	23.50
		8	4	22.28	22.24	22.09	23.50
		8	7	22.19	22.13	22.01	23.50
		15	0	22.22	22.16	22.04	23.50
		1	0	22.84	22.37	22.24	23.50
		1	7	22.39	22.33	22.24	23.50
	64QAM	1	14	22.47	22.06	22.00	23.50
		8	0	21.48	21.20	21.09	22.50
		8	4	21.37	21.26	21.03	22.50
		8	7	21.39	21.20	21.08	22.50
		15	0	21.20	21.23	21.00	22.50
		1	0	21.84	21.35	21.29	22.50
64QAM	1	7	21.41	21.32	21.21	22.50	
	1	14	21.51	21.05	20.96	22.50	
	8	0	20.61	20.21	20.00	21.50	
	8	4	20.32	20.16	20.09	21.50	
	8	7	20.27	19.97	19.93	21.50	
	15	0	20.74	20.15	20.17	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	23.21	22.99	23.10	24.50	
		1	13	23.20	23.09	22.99	24.50	
		1	24	23.20	23.00	22.93	24.50	
		12	0	22.28	22.14	22.07	23.50	
		12	6	22.33	22.17	22.07	23.50	
		12	13	22.21	22.13	22.09	23.50	
	16QAM	25	0	22.31	22.16	22.10	23.50	
		1	0	22.70	22.58	22.66	23.50	
		1	13	22.44	22.66	22.55	23.50	
		1	24	22.69	22.17	22.22	23.50	
		12	0	21.37	21.24	21.15	22.50	
		12	6	21.20	21.23	21.17	22.50	
	64QAM	12	13	21.23	21.19	21.09	22.50	
		25	0	21.26	21.25	21.02	22.50	
		1	0	21.66	21.63	21.62	22.50	
		1	13	21.44	21.63	21.57	22.50	
		1	24	21.67	21.21	21.21	22.50	
		12	0	20.60	20.47	20.61	21.50	
	10MHz	QPSK	12	6	20.23	20.45	20.38	21.50
			12	13	20.63	20.01	20.12	21.50
			25	0	20.53	20.51	20.57	21.50
1			0	<b>23.24</b>	22.95	23.06	24.50	
1			25	22.87	22.90	23.02	24.50	
1			49	23.09	22.92	23.01	24.50	
16QAM		25	0	22.28	22.13	22.08	23.50	
		25	13	<b>22.31</b>	22.19	22.19	23.50	
		25	25	22.21	22.15	22.13	23.50	
		50	0	22.33	22.13	22.12	23.50	
		1	0	22.76	22.39	22.69	23.50	
		1	25	22.36	22.27	22.11	23.50	
64QAM	1	49	22.76	22.48	22.18	23.50		
	25	0	21.24	21.05	21.16	22.50		
	25	13	21.26	21.19	21.13	22.50		
	25	25	21.04	21.17	21.15	22.50		
	50	0	21.21	21.14	21.02	22.50		
	1	0	21.75	21.41	21.69	22.50		
64QAM	1	25	21.31	21.28	21.10	22.50		
	1	49	21.71	21.46	21.22	22.50		
	25	0	20.67	20.16	20.49	21.50		
	25	13	20.12	20.18	20.00	21.50		
	25	25	20.61	20.24	20.13	21.50		
	50	0	20.68	20.14	20.55	21.50		

LTE Band 5 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	21.63	21.50	21.46	23.00	
		1	2	21.72	21.53	21.52	23.00	
		1	5	21.66	21.55	21.38	23.00	
		3	0	21.68	21.65	21.37	23.00	
		3	2	21.75	21.65	21.43	23.00	
		3	3	21.73	21.65	21.48	23.00	
	16QAM	6	0	21.70	21.70	21.50	23.00	
		1	0	22.11	22.08	21.98	23.00	
		1	2	22.15	21.89	22.03	23.00	
		1	5	22.09	21.73	21.92	23.00	
		3	0	21.78	21.69	21.43	23.00	
		3	2	21.83	21.70	21.51	23.00	
	64QAM	3	3	21.79	21.49	21.42	23.00	
		6	0	21.34	21.18	21.06	22.00	
		1	0	21.30	20.85	20.95	22.00	
		1	2	20.72	20.75	21.15	22.00	
		1	5	20.94	20.67	20.96	22.00	
		3	0	20.89	20.80	20.64	22.00	
	3MHz	QPSK	3	2	20.84	20.69	20.56	22.00
			3	3	20.75	20.64	20.42	22.00
			6	0	20.19	19.69	20.04	21.00
1			0	21.78	21.67	21.66	23.00	
1			7	21.73	21.74	21.59	23.00	
1			14	21.65	21.60	21.51	23.00	
16QAM		8	0	21.84	21.72	21.67	23.00	
		8	4	21.86	21.69	21.60	23.00	
		8	7	21.81	21.65	21.55	23.00	
		15	0	21.85	21.69	21.59	23.00	
		1	0	22.11	22.12	21.77	23.00	
		1	7	22.09	22.13	22.02	23.00	
64QAM		1	14	22.14	21.62	21.96	23.00	
		8	0	21.48	21.32	21.28	22.00	
		8	4	21.41	21.32	21.19	22.00	
	8	7	21.27	21.32	21.19	22.00		
	15	0	21.32	21.23	21.08	22.00		
	1	0	21.35	20.85	20.92	22.00		
64QAM	1	7	20.87	20.97	20.68	22.00		
	1	14	21.07	20.51	20.42	22.00		
	8	0	20.06	19.69	19.64	21.00		
	8	4	19.83	19.66	19.63	21.00		
	8	7	19.87	19.42	19.38	21.00		
	15	0	20.39	19.80	19.64	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	21.77	21.64	21.65	23.00	
		1	13	21.73	21.71	21.59	23.00	
		1	24	21.76	21.69	21.50	23.00	
		12	0	21.81	21.76	21.69	23.00	
		12	6	21.85	21.71	21.69	23.00	
		12	13	21.77	21.67	21.53	23.00	
	16QAM	25	0	21.79	21.75	21.67	23.00	
		1	0	22.16	22.07	22.14	23.00	
		1	13	21.87	22.14	22.08	23.00	
		1	24	22.12	22.06	21.88	23.00	
		12	0	21.34	21.24	21.24	22.00	
		12	6	21.33	21.17	21.18	22.00	
	64QAM	12	13	21.29	21.27	21.04	22.00	
		25	0	21.32	21.28	21.12	22.00	
		1	0	21.26	21.12	21.24	22.00	
		1	13	20.94	21.23	21.05	22.00	
		1	24	21.24	20.68	20.86	22.00	
		12	0	20.20	20.06	20.10	21.00	
	10MHz	QPSK	12	6	19.84	20.04	19.83	21.00
			12	13	20.13	19.55	19.72	21.00
			25	0	20.10	20.05	20.19	21.00
1			0	21.78	21.75	<b>21.92</b>	23.00	
1			25	21.56	21.58	21.62	23.00	
1			49	21.54	21.76	21.57	23.00	
16QAM		25	0	21.77	21.68	21.59	23.00	
		25	13	<b>21.79</b>	21.77	21.60	23.00	
		25	25	21.78	21.71	21.59	23.00	
		50	0	21.80	21.74	21.67	23.00	
		1	0	21.87	22.12	22.00	23.00	
		1	25	<b>22.17</b>	22.10	21.98	23.00	
64QAM	1	49	22.13	22.13	21.92	23.00		
	25	0	21.33	21.10	21.12	22.00		
	25	13	21.24	21.17	21.09	22.00		
	25	25	21.23	21.27	21.00	22.00		
	50	0	21.37	21.11	21.20	22.00		
	1	0	21.27	20.93	21.23	22.00		
64QAM	1	25	20.90	20.93	20.62	22.00		
	1	49	21.21	21.03	20.77	22.00		
	25	0	20.18	19.80	20.07	21.00		
	25	13	19.77	19.74	19.51	21.00		
	25	25	20.07	19.86	19.61	21.00		
	50	0	20.28	19.62	20.18	21.00		

LTE Band 5 Receiver on+WiFi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	17.61	17.57	17.53	19.00	
		1	2	17.71	17.49	17.57	19.00	
		1	5	17.69	17.56	17.42	19.00	
		3	0	17.63	17.72	17.38	19.00	
		3	2	17.84	17.71	17.53	19.00	
		3	3	17.74	17.73	17.58	19.00	
	16QAM	6	0	17.69	17.80	17.55	19.00	
		1	0	18.15	18.12	17.96	19.00	
		1	2	18.01	17.93	18.01	19.00	
		1	5	18.10	17.72	17.95	19.00	
		3	0	17.75	17.78	17.53	19.00	
		3	2	17.89	17.73	17.51	19.00	
	64QAM	3	3	17.78	17.52	17.43	19.00	
		6	0	18.09	18.03	17.99	19.00	
		1	0	18.11	17.78	17.85	19.00	
		1	2	17.48	17.70	18.08	19.00	
		1	5	17.78	17.55	17.84	19.00	
		3	0	17.73	17.73	17.50	19.00	
	3MHz	QPSK	3	2	17.61	17.54	17.47	19.00
			3	3	17.56	17.49	17.29	19.00
			6	0	18.05	17.74	18.11	19.00
1			0	17.76	17.64	17.68	19.00	
1			7	17.79	17.79	17.58	19.00	
1			14	17.75	17.70	17.57	19.00	
8			0	17.83	17.68	17.68	19.00	
16QAM	8	4	17.86	17.75	17.66	19.00		
	8	7	17.83	17.64	17.62	19.00		
	15	0	17.80	17.77	17.60	19.00		
	1	0	18.08	18.10	17.81	19.00		
	1	7	17.86	17.86	18.00	19.00		
	1	14	17.94	17.38	17.89	19.00		
	8	0	18.00	18.01	<b>18.15</b>	19.00		
64QAM	8	4	18.02	18.00	18.05	19.00		
	8	7	18.04	18.03	18.07	19.00		
	15	0	18.14	18.08	17.94	19.00		
	1	0	18.10	17.77	17.83	19.00		
	1	7	17.71	17.82	17.58	19.00		
	1	14	17.90	17.41	17.36	19.00		
	8	0	17.91	17.75	17.74	19.00		
3MHz	64QAM	8	4	17.68	17.73	17.62	19.00	
		8	7	17.76	17.50	17.42	19.00	
		15	0	18.05	17.80	17.74	19.00	
		15	0	18.05	17.80	17.74	19.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	17.86	17.72	17.64	19.00
		1	13	17.82	17.70	17.60	19.00
		1	24	17.72	17.74	17.56	19.00
		12	0	17.89	17.83	17.77	19.00
		12	6	17.86	17.78	17.75	19.00
		12	13	17.83	17.63	17.54	19.00
		25	0	17.84	17.73	17.69	19.00
	16QAM	1	0	18.15	18.05	18.00	19.00
		1	13	17.58	17.91	18.05	19.00
		1	24	17.84	17.86	17.85	19.00
		12	0	18.14	18.14	18.12	19.00
		12	6	18.11	18.05	18.09	19.00
		12	13	18.11	18.15	17.90	19.00
		25	0	18.10	18.03	17.99	19.00
	64QAM	1	0	18.04	18.03	18.04	19.00
		1	13	17.71	18.13	17.94	19.00
		1	24	18.06	17.60	17.76	19.00
		12	0	18.07	18.05	18.10	19.00
		12	6	17.73	18.14	17.82	19.00
		12	13	17.99	17.56	17.75	19.00
		25	0	17.98	18.08	18.02	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.84	17.80	<b>18.03</b>	19.00
		1	25	17.51	17.55	17.65	19.00
		1	49	17.53	17.86	17.57	19.00
		25	0	17.84	17.71	17.54	19.00
		25	13	<b>17.87</b>	17.80	17.67	19.00
		25	25	17.86	17.75	17.64	19.00
		50	0	17.86	17.78	17.69	19.00
	16QAM	1	0	17.96	18.01	18.08	19.00
		1	25	17.90	17.88	17.96	19.00
		1	49	17.85	17.90	17.83	19.00
		25	0	18.02	17.96	17.99	19.00
		25	13	18.05	18.05	18.04	19.00
		25	25	18.07	18.02	17.95	19.00
		50	0	18.05	18.04	18.09	19.00
	64QAM	1	0	18.10	17.86	18.10	19.00
		1	25	17.66	17.83	17.50	19.00
		1	49	17.97	17.98	17.72	19.00
		25	0	18.03	17.87	18.07	19.00
		25	13	17.66	17.74	17.59	19.00
		25	25	17.95	17.81	17.61	19.00
		50	0	18.03	17.71	18.07	19.00

LTE Band 12 Receiver on/Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.00	22.90	22.87	24.50	
		1	2	22.97	22.96	22.92	24.50	
		1	5	22.95	22.91	22.82	24.50	
		3	0	22.98	22.92	22.86	24.50	
		3	2	23.11	23.00	22.86	24.50	
		3	3	23.03	23.00	22.84	24.50	
	16QAM	6	0	22.10	22.06	21.85	23.50	
		1	0	22.49	21.83	22.38	23.50	
		1	2	22.38	22.47	22.48	23.50	
		1	5	22.16	22.13	22.00	23.50	
		3	0	22.20	22.10	21.99	23.50	
		3	2	22.02	22.13	22.02	23.50	
	16QAM	3	3	21.98	22.00	21.94	23.50	
		6	0	21.11	21.07	21.02	22.50	
		1	0	21.02	21.25	21.30	22.50	
		1	2	21.38	21.12	21.57	22.50	
		1	5	21.26	21.58	20.85	22.50	
		3	0	21.32	21.20	20.99	22.50	
	16QAM	3	2	21.25	21.30	21.20	22.50	
		3	3	21.13	21.19	21.08	22.50	
		6	0	20.41	20.24	20.29	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz		QPSK	1	0	23.07	23.05	23.00	24.50
			1	7	23.05	22.92	22.92	24.50
	1		14	<b>23.13</b>	23.06	22.92	24.50	
	8		0	22.13	22.04	22.02	23.50	
	8		4	22.10	22.07	21.98	23.50	
	8		7	22.12	22.10	21.99	23.50	
	16QAM	15	0	22.13	22.03	21.97	23.50	
		1	0	22.44	22.34	22.17	23.50	
		1	7	22.51	22.50	22.16	23.50	
		1	14	22.28	22.33	22.20	23.50	
		8	0	21.15	21.17	21.10	22.50	
		8	4	21.18	21.10	21.10	22.50	
	16QAM	8	7	21.20	21.09	21.04	22.50	
		15	0	21.11	21.03	21.04	22.50	
		1	0	21.50	21.30	21.49	22.50	
		1	7	21.75	21.67	21.31	22.50	
		1	14	21.37	21.37	21.59	22.50	
		8	0	20.42	20.34	20.24	21.50	
	16QAM	8	4	20.50	20.29	20.38	21.50	
		8	7	20.43	20.28	20.15	21.50	
		15	0	20.45	20.30	20.21	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23035	23095	23155		
5MHz	QPSK	1	0	23.03	23.10	22.89	24.50	
		1	13	23.07	22.92	22.87	24.50	
		1	24	23.01	23.09	22.94	24.50	
		12	0	22.20	22.06	22.14	23.50	
		12	6	22.18	22.09	22.02	23.50	
		12	13	22.09	22.10	21.96	23.50	
	16QAM	25	0	22.09	22.03	22.04	23.50	
		1	0	22.28	22.52	22.55	23.50	
		1	13	22.33	22.29	22.53	23.50	
		1	24	22.54	22.35	22.17	23.50	
		12	0	21.15	21.19	21.18	22.50	
		12	6	21.21	21.07	21.04	22.50	
	16QAM	12	13	21.10	21.18	20.99	22.50	
		25	0	21.19	21.06	21.17	22.50	
		1	0	21.15	21.39	21.42	22.50	
		1	13	21.41	21.29	21.29	22.50	
		1	24	21.49	21.66	21.57	22.50	
		12	0	20.38	20.38	20.34	21.50	
	10MHz	QPSK	12	6	20.39	20.27	20.30	21.50
			12	13	20.28	20.25	20.24	21.50
			25	0	20.34	20.35	20.22	21.50
1			0	23.02	22.84	22.96	24.50	
1			25	22.93	23.03	22.72	24.50	
1			49	23.00	22.90	<b>23.13</b>	24.50	
16QAM		25	0	22.13	22.05	22.09	23.50	
		25	13	<b>22.18</b>	22.07	22.06	23.50	
		25	25	22.08	22.06	22.10	23.50	
		50	0	22.11	22.03	21.93	23.50	
		1	0	22.39	22.41	22.20	23.50	
		1	25	22.23	22.46	22.35	23.50	
16QAM	1	49	22.30	22.51	22.56	23.50		
	25	0	21.08	21.14	20.91	22.50		
	25	13	21.15	21.01	21.00	22.50		
	25	25	21.04	21.07	21.23	22.50		
	50	0	21.08	21.10	20.99	22.50		
	1	0	21.42	21.56	21.39	22.50		
16QAM	1	25	21.53	21.70	21.73	22.50		
	1	49	21.44	21.69	21.14	22.50		
	25	0	20.34	20.31	20.12	21.50		
	25	13	20.31	20.24	20.28	21.50		
	25	25	20.42	20.32	20.29	21.50		
	50	0	20.24	20.29	20.34	21.50		

LTE Band 12 Receiver on+wifi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	20.12	19.94	19.93	21.50	
		1	2	20.14	20.05	19.98	21.50	
		1	5	20.00	20.04	19.95	21.50	
		3	0	20.14	20.01	19.83	21.50	
		3	2	20.15	20.08	20.01	21.50	
		3	3	20.09	20.00	19.89	21.50	
	16QAM	6	0	20.10	20.06	19.85	21.50	
		1	0	20.19	19.83	20.18	21.50	
		1	2	20.18	20.17	20.18	21.50	
		1	5	20.16	20.13	20.00	21.50	
		3	0	20.20	20.10	19.99	21.50	
		3	2	20.02	20.13	20.02	21.50	
	16QAM	3	3	19.98	20.00	19.94	21.50	
		6	0	20.11	20.07	20.02	21.50	
		1	0	19.67	19.90	19.95	21.50	
		1	2	20.03	19.77	20.22	21.50	
		1	5	19.91	20.23	20.02	21.50	
		3	0	19.97	19.85	19.64	21.50	
	16QAM	3	2	19.90	19.95	19.85	21.50	
		3	3	19.78	19.84	19.73	21.50	
		6	0	20.06	19.89	19.94	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165		
3MHz		QPSK	1	0	20.21	20.11	20.11	21.50
	1		7	20.09	19.97	19.91	21.50	
	1		14	20.11	20.07	20.02	21.50	
	8		0	20.13	20.04	20.02	21.50	
	8		4	20.10	20.07	19.98	21.50	
	8		7	20.12	20.10	19.99	21.50	
	15		0	20.13	20.03	19.97	21.50	
	16QAM	1	0	20.14	<b>20.34</b>	20.17	21.50	
		1	7	20.11	20.15	20.16	21.50	
		1	14	20.28	20.33	20.20	21.50	
		8	0	20.15	20.17	20.10	21.50	
		8	4	20.18	20.10	20.10	21.50	
		8	7	20.20	20.09	20.04	21.50	
		15	0	20.11	20.03	20.04	21.50	
	16QAM	1	0	20.15	19.95	20.14	21.50	
		1	7	20.14	20.32	19.96	21.50	
		1	14	20.02	20.02	20.24	21.50	
		8	0	20.07	19.99	19.89	21.50	
		8	4	20.15	19.94	20.03	21.50	
		8	7	20.08	19.93	19.80	21.50	
		15	0	20.10	19.95	19.86	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23035	23095	23155		
5MHz	QPSK	1	0	20.24	20.09	20.08	21.50	
		1	13	20.00	20.09	20.02	21.50	
		1	24	20.16	20.13	20.05	21.50	
		12	0	20.20	20.06	20.14	21.50	
		12	6	20.18	20.09	20.02	21.50	
		12	13	20.09	20.10	19.96	21.50	
	16QAM	25	0	20.09	20.03	20.04	21.50	
		1	0	20.28	20.12	20.15	21.50	
		1	13	20.13	20.29	20.13	21.50	
		1	24	20.24	20.15	20.17	21.50	
		12	0	20.15	20.19	20.18	21.50	
		12	6	20.21	20.07	20.04	21.50	
	16QAM	12	13	20.10	20.18	19.99	21.50	
		25	0	20.19	20.06	20.17	21.50	
		1	0	19.80	20.04	20.07	21.50	
		1	13	20.06	19.94	19.94	21.50	
		1	24	20.14	20.31	20.22	21.50	
		12	0	20.03	20.03	19.99	21.50	
	10MHz	QPSK	12	6	20.04	19.92	19.95	21.50
			12	13	19.93	19.90	19.89	21.50
	25		0	19.99	20.00	19.87	21.50	
1	0		19.87	20.02	20.02	21.50		
1	25		20.16	19.89	20.00	21.50		
1	49		20.13	20.04	<b>20.19</b>	21.50		
10MHz	16QAM	25	0	20.13	20.05	20.09	21.50	
		25	13	<b>20.20</b>	20.07	20.06	21.50	
		25	25	20.08	20.06	20.10	21.50	
		50	0	20.11	20.03	19.93	21.50	
		1	0	20.29	20.11	20.20	21.50	
		1	25	20.23	20.21	20.15	21.50	
	16QAM	1	49	20.30	20.11	20.16	21.50	
		25	0	20.08	20.14	19.91	21.50	
		25	13	20.15	20.01	20.00	21.50	
		25	25	20.04	20.07	20.23	21.50	
		50	0	20.08	20.10	19.99	21.50	
		1	0	20.07	20.21	20.04	21.50	
	16QAM	1	25	20.18	20.15	20.18	21.50	
		1	49	20.09	20.14	19.79	21.50	
		25	0	19.99	19.96	19.77	21.50	
25		13	19.96	19.89	19.93	21.50		
25		25	20.07	19.97	19.94	21.50		
50		0	19.89	19.94	19.99	21.50		

LTE Band 17 Receiver on/Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.25	23.11	23.10	24.50
		1	13	<b>23.34</b>	23.20	23.29	24.50
		1	24	23.26	23.18	23.18	24.50
		12	0	22.40	22.33	22.24	23.50
		12	6	22.42	22.28	22.23	23.50
		12	13	22.43	22.25	22.19	23.50
		25	0	22.36	22.25	22.26	23.50
	16QAM	1	0	22.51	22.50	22.31	23.50
		1	13	22.48	22.45	22.43	23.50
		1	24	22.44	22.36	22.47	23.50
		12	0	21.40	21.24	21.28	22.50
		12	6	21.37	21.34	21.33	22.50
		12	13	21.34	21.21	21.20	22.50
		25	0	21.44	21.33	21.25	22.50
	64QAM	1	0	21.36	21.17	21.29	22.50
		1	13	21.37	21.68	21.58	22.50
		1	24	21.80	21.65	21.43	22.50
		12	0	20.37	20.30	20.18	21.50
		12	6	20.41	20.10	20.17	21.50
		12	13	20.28	20.18	20.26	21.50
		25	0	20.31	20.33	20.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	<b>23.33</b>	23.21	23.25	24.50
		1	25	23.15	23.12	23.15	24.50
		1	49	23.31	23.13	23.08	24.50
		25	0	22.33	22.32	22.29	23.50
		25	13	22.32	22.31	22.30	23.50
		25	25	<b>22.39</b>	22.28	22.33	23.50
		50	0	22.39	22.31	22.37	23.50
	16QAM	1	0	22.43	22.48	22.47	23.50
		1	25	22.42	22.44	22.50	23.50
		1	49	22.52	22.51	22.18	23.50
		25	0	21.32	21.28	21.29	22.50
		25	13	21.38	21.38	21.26	22.50
		25	25	21.33	21.32	21.25	22.50
		50	0	21.39	21.31	21.33	22.50
	64QAM	1	0	21.25	21.43	21.55	22.50
		1	25	21.48	21.31	21.41	22.50
		1	49	21.50	21.35	21.49	22.50
		25	0	20.11	20.16	20.38	21.50
		25	13	20.22	20.32	20.31	21.50
		25	25	20.40	20.17	20.32	21.50
		50	0	20.22	20.15	20.24	21.50

LTE Band 17 Receiver on+wifi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	20.27	20.07	20.28	21.50	
		1	13	20.32	20.20	20.22	21.50	
		1	24	20.34	20.12	20.13	21.50	
		12	0	20.22	20.32	20.26	21.50	
		12	6	20.33	20.29	20.29	21.50	
		12	13	20.20	20.17	20.12	21.50	
	16QAM	25	0	20.27	20.13	20.05	21.50	
		1	0	20.36	20.35	20.16	21.50	
		1	13	20.33	20.30	20.28	21.50	
		1	24	20.29	20.21	20.32	21.50	
		12	0	20.24	20.24	20.28	21.50	
		12	6	20.37	20.34	20.33	21.50	
	64QAM	12	13	20.34	20.21	20.20	21.50	
		25	0	20.29	20.18	20.10	21.50	
		1	0	20.21	20.02	20.14	21.50	
		1	13	20.22	20.33	20.23	21.50	
		1	24	20.35	20.25	20.28	21.50	
		12	0	20.37	20.30	20.18	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23780	23790	23800	
	10MHz	QPSK	1	0	<b>20.37</b>	20.22	20.36	21.50
1			25	20.17	20.19	20.12	21.50	
1			49	20.22	20.20	20.17	21.50	
25			0	<b>20.32</b>	20.24	20.31	21.50	
25			13	20.30	20.31	20.30	21.50	
25			25	20.27	20.16	20.16	21.50	
16QAM		50	0	20.23	20.20	20.14	21.50	
		1	0	20.28	20.33	20.32	21.50	
		1	25	20.27	20.29	20.35	21.50	
		1	49	20.37	20.36	20.03	21.50	
		25	0	20.32	20.28	20.29	21.50	
		25	13	20.38	20.38	20.26	21.50	
64QAM		25	25	20.33	20.32	20.25	21.50	
		50	0	20.24	20.16	20.18	21.50	
		1	0	20.10	20.28	20.40	21.50	
		1	25	20.33	20.16	20.26	21.50	
		1	49	20.35	20.20	20.34	21.50	
		25	0	20.11	20.16	20.38	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23780	23790	23800	
					23780	23790	23800	
10MHz	QPSK	1	0	<b>20.40</b>	20.17	20.32	21.50	
		25	13	20.22	20.32	20.31	21.50	
		25	25	<b>20.40</b>	20.17	20.32	21.50	
10MHz	16QAM	50	0	20.22	20.15	20.24	21.50	

LTE Band 26 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	22.91	22.98	22.75	24.50	
		1	2	23.06	23.07	22.89	24.50	
		1	5	22.99	22.96	22.77	24.50	
		3	0	23.06	22.99	22.83	24.50	
		3	2	22.96	22.97	22.82	24.50	
		3	3	22.99	23.02	22.85	24.50	
	16QAM	6	0	22.13	22.11	21.86	23.50	
		1	0	22.30	22.43	22.34	23.50	
		1	2	22.66	22.38	22.34	23.50	
		1	5	22.52	22.15	22.33	23.50	
		3	0	22.14	22.02	21.92	23.50	
		3	2	22.01	22.00	21.81	23.50	
	64QAM	3	3	22.10	22.02	21.81	23.50	
		6	0	21.14	21.19	20.95	22.50	
		1	0	21.54	21.39	21.01	22.50	
		1	2	21.47	21.46	21.30	22.50	
		1	5	21.56	21.57	20.95	22.50	
		3	0	21.19	21.02	20.95	22.50	
	3MHz	QPSK	3	2	21.16	21.15	21.00	22.50
			3	3	21.09	21.05	20.92	22.50
			6	0	20.45	20.53	20.23	21.50
1			0	22.93	23.05	22.87	24.50	
1			7	23.16	22.88	23.02	24.50	
1			14	23.01	23.11	22.79	24.50	
16QAM		8	0	22.08	22.11	22.02	23.50	
		8	4	22.14	22.14	22.03	23.50	
		8	7	22.14	22.10	21.91	23.50	
	15	0	22.11	21.99	21.93	23.50		
	1	0	22.56	22.07	22.45	23.50		
	1	7	22.61	22.41	22.36	23.50		
64QAM	1	14	22.19	22.26	22.14	23.50		
	8	0	21.30	21.23	21.07	22.50		
	8	4	21.30	21.28	21.11	22.50		
	8	7	21.26	21.23	21.10	22.50		
	15	0	21.25	21.19	20.92	22.50		
	1	0	21.59	21.52	21.60	22.50		
64QAM	1	7	21.67	21.54	21.04	22.50		
	1	14	21.40	21.21	21.08	22.50		
	8	0	20.59	20.53	20.34	21.50		
	8	4	20.55	20.59	20.36	21.50		
	8	7	20.55	20.55	20.44	21.50		
	15	0	20.52	20.52	20.25	21.50		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	QPSK	1	0	23.15	23.02	22.85	24.50	
		1	13	23.12	23.17	23.01	24.50	
		1	24	23.16	23.02	22.91	24.50	
		12	0	22.10	22.08	21.98	23.50	
		12	6	22.12	22.10	21.94	23.50	
		12	13	22.11	22.08	21.94	23.50	
	16QAM	25	0	22.19	22.08	21.94	23.50	
		1	0	22.53	22.16	22.07	23.50	
		1	13	22.25	22.04	21.89	23.50	
		1	24	22.14	21.99	21.83	23.50	
		12	0	21.21	21.18	21.07	22.50	
		12	6	21.30	21.18	21.04	22.50	
	64QAM	12	13	21.21	21.12	20.98	22.50	
		25	0	21.17	21.07	20.98	22.50	
		1	0	21.29	21.57	21.42	22.50	
		1	13	21.75	21.61	21.52	22.50	
		1	24	21.59	21.66	21.50	22.50	
		12	0	20.53	20.43	20.39	21.50	
	10MHz	QPSK	12	6	20.60	20.44	20.37	21.50
			12	13	20.50	20.38	20.25	21.50
			25	0	20.44	20.39	20.26	21.50
1			0	<b>23.24</b>	23.03	22.83	24.50	
1			25	23.04	22.90	22.94	24.50	
1			49	23.05	22.80	22.74	24.50	
16QAM		25	0	22.13	22.11	21.91	23.50	
		25	13	22.17	22.10	22.08	23.50	
		25	25	22.06	22.02	21.98	23.50	
		50	0	22.09	22.05	21.94	23.50	
		1	0	22.45	22.13	22.56	23.50	
		1	25	22.55	22.27	22.41	23.50	
64QAM	1	49	22.53	22.10	22.20	23.50		
	25	0	21.17	21.10	20.93	22.50		
	25	13	21.13	21.12	21.05	22.50		
	25	25	20.98	21.05	21.00	22.50		
	50	0	21.08	21.20	21.01	22.50		
	1	0	21.38	21.78	21.48	22.50		
64QAM	1	25	21.62	21.74	21.50	22.50		
	1	49	21.45	21.26	21.39	22.50		
	25	0	20.48	20.39	20.25	21.50		
	25	13	20.41	20.39	20.32	21.50		
	25	25	20.33	20.31	20.33	21.50		
	50	0	20.41	20.49	20.26	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	22.91	22.85	22.92	24.50
		1	38	23.05	22.96	22.81	24.50
		1	74	<b>23.06</b>	22.88	22.69	24.50
		36	0	22.04	22.12	21.90	23.50
		36	18	<b>22.14</b>	22.07	21.95	23.50
		36	39	22.10	22.03	21.91	23.50
		75	0	22.12	22.06	21.99	23.50
	16QAM	1	0	22.23	22.47	22.46	23.50
		1	38	22.49	22.05	21.92	23.50
		1	74	22.51	22.01	22.05	23.50
		36	0	21.12	21.12	21.03	22.50
		36	18	21.22	21.08	21.01	22.50
		36	39	21.14	21.06	21.01	22.50
		75	0	21.14	21.06	21.00	22.50
	64QAM	1	0	21.38	21.53	21.42	22.50
		1	38	21.49	20.85	21.03	22.50
		1	74	21.59	21.21	21.02	22.50
		36	0	20.39	20.40	20.36	21.50
		36	18	20.57	20.37	20.28	21.50
		36	39	20.49	20.36	20.36	21.50
		75	0	20.45	20.37	20.33	21.50

LTE Band 26 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.89	21.81	21.69	23.00
		1	2	21.96	21.86	21.72	23.00
		1	5	21.87	21.84	21.66	23.00
		3	0	21.91	21.80	21.70	23.00
		3	2	21.97	21.92	21.70	23.00
		3	3	21.97	21.90	21.74	23.00
		6	0	22.00	21.91	21.80	23.00
	16QAM	1	0	21.85	21.86	21.51	23.00
		1	2	21.90	21.83	21.79	23.00
		1	5	21.83	21.89	21.49	23.00
		3	0	21.73	21.52	21.43	23.00
		3	2	21.71	21.67	21.47	23.00
		3	3	21.60	21.60	21.47	23.00
		6	0	21.14	21.19	20.95	22.50
	64QAM	1	0	21.54	21.39	21.01	22.50
		1	2	21.47	21.46	21.30	22.50
		1	5	21.56	21.57	20.95	22.50
		3	0	21.19	21.02	20.95	22.50
		3	2	21.16	21.15	21.00	22.50
		3	3	21.09	21.05	20.92	22.50
		6	0	20.45	20.53	20.23	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26705	26865	27025		
3MHz	QPSK	1	0	22.01	21.88	21.92	23.00	
		1	7	22.04	22.02	21.77	23.00	
		1	14	21.99	21.96	21.79	23.00	
		8	0	21.99	21.97	21.90	23.00	
		8	4	<b>22.11</b>	22.00	21.84	23.00	
		8	7	22.00	22.00	21.80	23.00	
	16QAM	15	0	22.06	21.96	21.86	23.00	
		1	0	21.90	21.88	21.85	23.00	
		1	7	21.87	21.93	21.49	23.00	
		1	14	21.91	21.76	21.59	23.00	
		8	0	21.30	21.23	21.07	22.50	
		8	4	21.30	21.28	21.11	22.50	
	64QAM	8	7	21.26	21.23	21.10	22.50	
		15	0	21.25	21.19	20.92	22.50	
		1	0	21.59	21.52	21.60	22.50	
		1	7	21.67	21.54	21.04	22.50	
		1	14	21.40	21.21	21.08	22.50	
		8	0	20.59	20.53	20.34	21.50	
	5MHz	QPSK	8	4	20.55	20.59	20.36	21.50
			8	7	20.55	20.55	20.44	21.50
			15	0	20.52	20.52	20.25	21.50
1			0	21.93	21.91	21.79	23.00	
1			13	22.00	22.05	21.78	23.00	
1			24	22.00	21.96	21.81	23.00	
16QAM		12	0	22.05	22.00	21.90	23.00	
		12	6	22.01	21.98	21.86	23.00	
		12	13	22.03	22.03	21.85	23.00	
		25	0	22.05	21.93	21.78	23.00	
		1	0	21.76	21.88	21.91	23.00	
		1	13	21.88	21.90	21.82	23.00	
64QAM		1	24	21.91	21.91	21.92	23.00	
		12	0	21.21	21.18	21.07	22.50	
		12	6	21.30	21.18	21.04	22.50	
	12	13	21.21	21.12	20.98	22.50		
	25	0	21.17	21.07	20.98	22.50		
	1	0	21.29	21.57	21.42	22.50		
64QAM	1	13	21.75	21.61	21.52	22.50		
	1	24	21.59	21.66	21.50	22.50		
	12	0	20.53	20.43	20.39	21.50		
	12	6	20.60	20.44	20.37	21.50		
	12	13	20.50	20.38	20.25	21.50		
	25	0	20.44	20.39	20.26	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26750	26865	26990		
10MHz	QPSK	1	0	21.95	22.01	21.89	23.00	
		1	25	21.88	21.88	21.71	23.00	
		1	49	21.98	22.05	21.71	23.00	
		25	0	22.00	21.96	21.89	23.00	
		25	13	22.01	21.93	22.00	23.00	
		25	25	22.03	21.90	21.89	23.00	
	16QAM	50	0	22.04	21.94	21.88	23.00	
		1	0	21.89	21.90	21.87	23.00	
		1	25	21.88	21.89	21.87	23.00	
		1	49	21.89	21.72	21.87	23.00	
		25	0	21.17	21.10	20.93	22.50	
		25	13	21.13	21.12	21.05	22.50	
	64QAM	25	25	20.98	21.05	21.00	22.50	
		50	0	21.08	21.20	21.01	22.50	
		1	0	21.38	21.78	21.48	22.50	
		1	25	21.62	21.74	21.50	22.50	
		1	49	21.45	21.26	21.39	22.50	
		25	0	20.48	20.39	20.25	21.50	
	15MHz	QPSK	25	13	20.41	20.39	20.32	21.50
			25	25	20.33	20.31	20.33	21.50
			50	0	20.41	20.49	20.26	21.50
1			0	21.83	21.83	<b>22.02</b>	23.00	
1			38	21.89	21.89	21.88	23.00	
1			74	21.99	21.73	21.72	23.00	
16QAM		36	0	21.89	21.97	22.00	23.00	
		36	18	22.01	21.95	21.94	23.00	
		36	39	21.94	<b>22.06</b>	22.04	23.00	
		75	0	22.05	21.87	21.98	23.00	
		1	0	21.94	21.91	21.90	23.00	
		1	38	21.88	21.37	21.55	23.00	
64QAM	1	74	21.90	21.68	21.55	23.00		
	36	0	21.12	21.12	21.03	22.50		
	36	18	21.22	21.08	21.01	22.50		
	36	39	21.14	21.06	21.01	22.50		
	75	0	21.14	21.06	21.00	22.50		
	1	0	21.38	21.53	21.42	22.50		
64QAM	1	38	21.49	20.85	21.03	22.50		
	1	74	21.59	21.21	21.02	22.50		
	36	0	20.39	20.40	20.36	21.50		
	36	18	20.57	20.37	20.28	21.50		
	36	39	20.49	20.36	20.36	21.50		
	75	0	20.45	20.37	20.33	21.50		

LTE Band 26 Receiver on+WIFI/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	17.84	17.72	17.71	19.00	
		1	2	17.89	17.83	17.81	19.00	
		1	5	17.79	17.86	17.74	19.00	
		3	0	17.93	17.81	17.64	19.00	
		3	2	17.96	17.83	17.72	19.00	
		3	3	17.94	17.96	17.65	19.00	
	16QAM	6	0	18.10	17.88	17.82	19.00	
		1	0	17.81	17.92	17.61	19.00	
		1	2	17.92	17.85	17.72	19.00	
		1	5	17.90	17.79	17.49	19.00	
		3	0	17.67	17.47	17.47	19.00	
		3	2	17.63	17.66	17.46	19.00	
	64QAM	3	3	17.58	17.64	17.40	19.00	
		6	0	17.66	17.74	17.46	19.00	
		1	0	17.89	17.78	17.35	19.00	
		1	2	18.03	17.95	17.75	19.00	
		1	5	18.03	18.05	17.43	19.00	
		3	0	17.71	17.58	17.48	19.00	
	3MHz	QPSK	3	2	17.60	17.58	17.31	19.00
			3	3	17.56	17.63	17.31	19.00
			6	0	18.03	18.03	17.73	19.00
1			0	17.92	17.96	17.95	19.00	
1			7	17.99	17.94	17.72	19.00	
1			14	17.93	17.90	17.85	19.00	
16QAM		8	0	17.95	18.00	17.86	19.00	
		8	4	18.08	17.90	17.79	19.00	
		8	7	18.03	18.03	17.77	19.00	
		15	0	18.06	17.94	17.83	19.00	
		1	0	17.82	17.98	17.80	19.00	
		1	7	17.93	17.96	17.49	19.00	
64QAM		1	14	17.83	17.80	17.53	19.00	
		8	0	17.76	17.76	17.44	19.00	
		8	4	17.67	17.77	17.56	19.00	
	8	7	17.56	17.71	17.42	19.00		
	15	0	17.59	17.73	17.42	19.00		
	1	0	18.02	18.12	18.12	19.00		
64QAM	1	7	18.15	18.09	17.61	19.00		
	1	14	17.89	17.72	17.56	19.00		
	8	0	18.17	18.09	17.76	19.00		
	8	4	17.93	18.01	17.68	19.00		
	8	7	17.92	18.03	18.02	19.00		
	15	0	18.05	18.10	17.63	19.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	18.03	17.93	17.76	19.00
		1	13	18.05	18.11	17.71	19.00
		1	24	18.08	17.96	17.75	19.00
		12	0	17.98	17.97	17.83	19.00
		12	6	18.07	18.06	17.76	19.00
		12	13	18.07	18.07	17.83	19.00
		25	0	17.95	17.89	17.69	19.00
	16QAM	1	0	17.77	17.88	17.91	19.00
		1	13	17.90	17.96	17.81	19.00
		1	24	17.98	17.94	17.84	19.00
		12	0	17.73	17.57	17.41	19.00
		12	6	17.90	17.71	17.61	19.00
		12	13	17.71	17.46	17.42	19.00
		25	0	17.52	17.44	17.36	19.00
	64QAM	1	0	17.84	18.11	17.97	19.00
		1	13	18.16	18.02	18.12	19.00
		1	24	17.94	18.02	18.00	19.00
		12	0	18.04	18.00	17.83	19.00
		12	6	18.04	17.77	17.67	19.00
		12	13	18.02	17.89	17.68	19.00
		25	0	17.94	17.79	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.90	18.08	17.84	19.00
		1	25	17.91	17.78	17.74	19.00
		1	49	18.06	18.10	17.78	19.00
		25	0	18.06	17.86	17.86	19.00
		25	13	18.10	17.88	17.93	19.00
		25	25	17.96	17.91	17.98	19.00
		50	0	17.94	17.89	17.84	19.00
	16QAM	1	0	17.86	17.82	17.80	19.00
		1	25	17.89	17.99	17.77	19.00
		1	49	17.99	17.66	17.91	19.00
		25	0	17.67	17.65	17.28	19.00
		25	13	17.57	17.53	17.36	19.00
		25	25	17.29	17.65	17.34	19.00
		50	0	17.41	17.73	17.39	19.00
	64QAM	1	0	17.88	18.13	17.98	19.00
		1	25	17.94	<b>18.21</b>	18.03	19.00
		1	49	17.82	17.67	17.72	19.00
		25	0	17.94	17.82	17.57	19.00
		25	13	17.75	17.90	17.89	19.00
		25	25	17.90	17.63	17.68	19.00
		50	0	17.82	17.80	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.90	18.08	17.84	19.00
		1	25	17.91	17.78	17.74	19.00
		1	49	18.06	18.10	17.78	19.00
		25	0	18.06	17.86	17.86	19.00
		25	13	18.10	17.88	17.93	19.00
		25	25	17.96	17.91	17.98	19.00
		50	0	17.94	17.89	17.84	19.00
	16QAM	1	0	17.86	17.82	17.80	19.00
		1	25	17.89	17.99	17.77	19.00
		1	49	17.99	17.66	17.91	19.00
		25	0	17.67	17.65	17.28	19.00
		25	13	17.57	17.53	17.36	19.00
		25	25	17.29	17.65	17.34	19.00
		50	0	17.41	17.73	17.39	19.00
	64QAM	1	0	17.88	18.13	17.98	19.00
		1	25	17.94	<b>18.21</b>	18.03	19.00
		1	49	17.82	17.67	17.72	19.00
		25	0	17.94	17.82	17.57	19.00
		25	13	17.75	17.90	17.89	19.00
		25	25	17.90	17.63	17.68	19.00
		50	0	17.82	17.80	17.77	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	17.76	17.89	<b>18.10</b>	19.00
		1	38	17.83	17.83	17.81	19.00
		1	74	18.06	17.79	17.62	19.00
		36	0	17.92	18.06	17.99	19.00
		36	18	18.01	18.03	17.86	19.00
		36	39	17.86	<b>18.12</b>	18.10	19.00
		75	0	18.08	17.90	17.88	19.00
	16QAM	1	0	17.87	17.87	17.92	19.00
		1	38	17.89	17.39	17.65	19.00
		1	74	17.82	17.65	17.58	19.00
		36	0	17.72	17.48	17.38	19.00
		36	18	17.73	17.59	17.45	19.00
		36	39	17.62	17.46	17.45	19.00
		75	0	17.44	17.37	17.45	19.00
	64QAM	1	0	17.93	17.95	17.99	19.00
		1	38	17.99	17.24	17.61	19.00
		1	74	18.14	17.55	17.47	19.00
		36	0	17.69	17.84	17.69	19.00
		36	18	18.05	17.78	17.75	19.00
		36	39	17.85	17.71	17.81	19.00
		75	0	17.95	17.87	17.69	19.00

Table 3 : Conducted Power of LTE

## 1.2 Conducted Power of Main Antenna (Ant1)

### 1.2.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	128	190	251			128	190	251		
GSM(GMSK)	GSM	32.28	32.61	32.58	33.50	-9.19	23.09	23.42	23.39	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.28	32.66	32.60	33.50	-9.19	23.09	23.47	23.41	24.31
	2 TX Slots	29.57	29.70	29.85	30.50	-6.18	23.39	23.52	23.67	24.32
	3 TX Slots	28.41	28.80	28.95	29.50	-4.42	23.99	24.38	24.53	25.08
	4 TX Slots	27.50	27.62	27.74	28.50	-3.17	24.33	24.45	24.57	<b>25.33</b>
EGPRS(8PSK)	1 TX Slot	26.53	26.64	26.78	27.50	-9.19	17.34	17.45	17.59	18.31
	2 TX Slots	24.45	24.65	24.70	25.50	-6.18	18.27	18.47	18.52	19.32
	3 TX Slots	22.45	22.64	22.63	23.50	-4.42	18.03	18.22	18.21	19.08
	4 TX Slots	21.42	21.63	21.93	22.50	-3.17	18.25	18.46	18.76	19.33

Table 4 : Conducted Power of GSM

### 1.2.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.62	<b>23.76</b>	23.66	25.00
	12.2kbps AMR	23.60	23.72	23.61	25.00
HSDPA	Subtest 1	22.68	22.71	22.57	24.00
	Subtest 2	22.63	22.69	22.52	24.00
	Subtest 3	22.12	22.14	22.08	23.50
	Subtest 4	22.11	22.15	22.09	23.50
HSUPA	Subtest 1	22.63	22.65	22.54	24.00
	Subtest 2	20.58	20.68	20.40	22.00
	Subtest 3	21.58	21.67	21.54	23.00
	Subtest 4	20.59	20.66	20.54	22.00
	Subtest 5	22.60	22.60	22.60	24.00
DC-HSDPA	Subtest 1	22.58	22.61	22.52	24.00
	Subtest 2	22.53	22.60	22.50	24.00
	Subtest 3	22.09	22.13	22.03	23.50
	Subtest 4	22.07	22.11	22.05	23.50
HSPA+	16QAM	22.82	22.77	22.69	24.00

Table 5 : Conducted Power of WCDMA



**1.2.3 Conducted Power of LTE**

LTE Band 5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	23.53	23.53	23.41	25.00	
		1	2	23.58	23.59	23.46	25.00	
		1	5	23.56	23.51	23.35	25.00	
		3	0	23.55	23.56	23.40	25.00	
		3	2	23.52	23.57	23.47	25.00	
		3	3	23.62	23.54	23.40	25.00	
	16QAM	6	0	22.65	22.59	22.45	24.00	
		1	0	22.84	22.82	22.70	24.00	
		1	2	22.90	22.82	22.73	24.00	
		1	5	22.77	23.01	22.65	24.00	
		3	0	22.73	22.46	22.56	24.00	
		3	2	22.82	22.66	22.53	24.00	
	64QAM	3	3	22.61	22.49	22.52	24.00	
		6	0	21.73	21.67	21.57	23.00	
		1	0	21.86	21.84	21.71	23.00	
		1	2	21.91	21.79	21.75	23.00	
		1	5	21.72	21.97	21.63	23.00	
		3	0	21.76	21.50	21.58	23.00	
	3MHz	QPSK	3	2	21.86	21.64	21.49	23.00
			3	3	21.58	21.44	21.55	23.00
			6	0	20.70	20.62	20.54	22.00
1			0	23.56	23.47	23.60	25.00	
1			7	23.62	23.47	23.43	25.00	
1			14	23.60	23.54	23.43	25.00	
16QAM		8	0	22.71	22.58	22.63	24.00	
		8	4	22.78	22.65	22.56	24.00	
		8	7	22.73	22.58	22.48	24.00	
		15	0	22.68	22.69	22.59	24.00	
		1	0	22.99	22.87	22.92	24.00	
		1	7	23.13	22.83	22.74	24.00	
64QAM	1	14	22.91	22.87	22.67	24.00		
	8	0	21.68	21.57	21.58	23.00		
	8	4	21.66	21.60	21.66	23.00		
	8	7	21.72	21.60	21.46	23.00		
	15	0	21.76	21.71	21.56	23.00		
	1	0	21.83	21.72	21.68	23.00		
64QAM	1	7	21.80	21.75	21.76	23.00		
	1	14	21.84	21.73	21.58	23.00		
	8	0	20.72	20.59	20.60	22.00		
	8	4	20.71	20.55	20.66	22.00		
	8	7	20.69	20.63	20.45	22.00		
	15	0	20.74	20.70	20.57	22.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	23.48	23.51	23.53	25.00	
		1	13	23.52	23.50	23.50	25.00	
		1	24	23.49	23.53	23.51	25.00	
		12	0	22.74	22.66	22.71	24.00	
		12	6	22.74	22.68	22.64	24.00	
		12	13	22.71	22.64	22.48	24.00	
	16QAM	25	0	22.69	22.68	22.61	24.00	
		1	0	23.13	23.16	22.92	24.00	
		1	13	22.93	22.89	22.85	24.00	
		1	24	22.83	22.93	22.85	24.00	
		12	0	21.70	21.78	21.58	23.00	
		12	6	21.80	21.64	21.57	23.00	
	64QAM	12	13	21.73	21.63	21.49	23.00	
		25	0	21.71	21.61	21.52	23.00	
		1	0	21.85	21.88	21.68	23.00	
		1	13	21.92	21.78	21.70	23.00	
		1	24	21.86	21.76	21.60	23.00	
		12	0	20.68	20.73	20.53	22.00	
	10MHz	QPSK	12	6	20.85	20.63	20.52	22.00
			12	13	20.77	20.63	20.52	22.00
			25	0	20.74	20.62	20.53	22.00
1			0	23.53	23.44	<b>23.64</b>	25.00	
1			25	23.51	23.38	23.39	25.00	
1			49	23.28	23.47	23.51	25.00	
16QAM		25	0	<b>22.76</b>	22.58	22.51	24.00	
		25	13	22.73	22.73	22.64	24.00	
		25	25	22.61	22.60	22.60	24.00	
		50	0	22.66	22.54	22.58	24.00	
		1	0	22.93	23.10	22.99	24.00	
		1	25	23.10	22.88	22.77	24.00	
64QAM	1	49	22.88	23.17	22.91	24.00		
	25	0	21.74	21.52	21.68	23.00		
	25	13	21.67	21.70	21.49	23.00		
	25	25	21.69	21.53	21.49	23.00		
	50	0	21.78	21.51	21.64	23.00		
	1	0	21.88	21.63	21.79	23.00		
10MHz	64QAM	1	25	21.78	21.83	21.64	23.00	
		1	49	21.81	21.63	21.61	23.00	
		25	0	20.72	20.52	20.66	22.00	
		25	13	20.64	20.66	20.52	22.00	
		25	25	20.70	20.56	20.54	22.00	
		50	0	20.81	20.49	20.69	22.00	

LTE Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.52	23.48	23.33	25.00	
		1	2	23.50	23.49	23.41	25.00	
		1	5	23.47	23.51	23.41	25.00	
		3	0	23.50	23.46	23.44	25.00	
		3	2	23.48	23.50	23.48	25.00	
		3	3	23.50	23.49	23.26	25.00	
	16QAM	6	0	22.57	22.55	22.50	24.00	
		1	0	23.14	22.66	22.59	24.00	
		1	2	22.85	22.75	22.72	24.00	
		1	5	22.66	22.75	22.57	24.00	
		3	0	22.73	22.58	22.51	24.00	
		3	2	22.59	22.59	22.62	24.00	
	16QAM	3	3	22.67	22.56	22.46	24.00	
		6	0	21.66	21.61	21.52	23.00	
		1	0	22.09	21.68	21.62	23.00	
		1	2	21.84	21.79	21.71	23.00	
		1	5	21.66	21.80	21.60	23.00	
		3	0	21.75	21.54	21.48	23.00	
	3MHz	QPSK	3	2	21.62	21.57	21.66	23.00
			3	3	21.71	21.55	21.43	23.00
			6	0	20.61	20.60	20.55	22.00
1			0	23.51	23.46	23.50	25.00	
1			7	23.50	23.40	23.44	25.00	
1			14	23.49	23.48	23.50	25.00	
16QAM		8	0	22.72	22.56	22.59	24.00	
		8	4	22.61	22.58	22.59	24.00	
		8	7	22.64	22.62	22.57	24.00	
	15	0	22.69	22.63	22.52	24.00		
	1	0	23.08	22.82	22.86	24.00		
	1	7	22.78	23.11	22.57	24.00		
16QAM	1	14	22.52	22.91	22.71	24.00		
	8	0	21.63	21.57	21.51	23.00		
	8	4	21.65	21.58	21.53	23.00		
	8	7	21.59	21.59	21.48	23.00		
	15	0	21.73	21.72	21.56	23.00		
	1	0	22.10	21.77	21.90	23.00		
16QAM	1	7	21.82	22.15	21.53	23.00		
	1	14	21.54	21.88	21.66	23.00		
	8	0	20.60	20.57	20.53	22.00		
	8	4	20.68	20.57	20.53	22.00		
	8	7	20.55	20.64	20.50	22.00		
	15	0	20.76	20.73	20.54	22.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23035	23095	23155		
5MHz	QPSK	1	0	23.55	23.47	23.46	25.00	
		1	13	23.54	23.46	23.52	25.00	
		1	24	23.54	23.53	23.40	25.00	
		12	0	22.74	22.64	22.60	24.00	
		12	6	22.68	22.59	22.66	24.00	
		12	13	22.58	22.68	22.55	24.00	
	16QAM	25	0	22.67	22.54	22.60	24.00	
		1	0	22.90	22.77	22.58	24.00	
		1	13	23.01	22.82	22.81	24.00	
		1	24	22.84	23.05	22.72	24.00	
		12	0	21.72	21.61	21.59	23.00	
		12	6	21.59	21.56	21.60	23.00	
	16QAM	12	13	21.57	21.64	21.55	23.00	
		25	0	21.79	21.55	21.63	23.00	
		1	0	21.92	21.72	21.63	23.00	
		1	13	22.03	21.82	21.77	23.00	
		1	24	21.84	22.07	21.69	23.00	
		12	0	20.71	20.65	20.57	22.00	
	10MHz	QPSK	12	6	20.61	20.54	20.57	22.00
			12	13	20.55	20.69	20.53	22.00
			25	0	20.80	20.50	20.62	22.00
1			0	23.51	<b>23.56</b>	23.49	25.00	
1			25	23.55	23.47	23.29	25.00	
1			49	23.49	23.27	23.30	25.00	
16QAM		25	0	22.66	<b>22.73</b>	22.58	24.00	
		25	13	22.65	22.60	22.65	24.00	
		25	25	22.58	22.58	22.72	24.00	
		50	0	22.68	22.54	22.69	24.00	
		1	0	22.92	22.88	22.69	24.00	
		1	25	23.05	23.05	22.99	24.00	
16QAM	1	49	22.82	22.90	23.07	24.00		
	25	0	21.63	21.60	21.47	23.00		
	25	13	21.72	21.58	21.59	23.00		
	25	25	21.56	21.57	21.50	23.00		
	50	0	21.67	21.70	21.60	23.00		
	1	0	21.90	21.91	21.65	23.00		
16QAM	1	25	22.10	22.08	21.95	23.00		
	1	49	21.77	21.95	22.05	23.00		
	25	0	20.68	20.61	20.50	22.00		
	25	13	20.77	20.61	20.54	22.00		
	25	25	20.61	20.58	20.51	22.00		
	50	0	20.67	20.69	20.65	22.00		

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.51	23.53	23.42	25.00
		1	13	23.59	23.67	23.64	25.00
		1	24	23.55	23.45	23.39	25.00
		12	0	22.72	22.64	22.58	24.00
		12	6	22.69	22.59	22.59	24.00
		12	13	22.66	22.62	22.50	24.00
		25	0	22.69	22.62	22.63	24.00
	16QAM	1	0	22.79	22.93	22.79	24.00
		1	13	23.15	23.16	22.92	24.00
		1	24	23.07	22.74	22.88	24.00
		12	0	21.71	21.61	21.62	23.00
		12	6	21.67	21.69	21.70	23.00
		12	13	21.70	21.57	21.46	23.00
		25	0	21.68	21.67	21.46	23.00
	16QAM	1	0	21.83	21.95	21.77	23.00
		1	13	22.13	22.16	21.91	23.00
		1	24	22.08	21.76	21.85	23.00
		12	0	20.75	20.63	20.58	22.00
		12	6	20.67	20.71	20.70	22.00
		12	13	20.71	20.55	20.50	22.00
		25	0	20.66	20.62	20.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.46	<b>23.73</b>	23.47	25.00
		1	25	23.72	23.37	23.53	25.00
		1	49	23.48	23.51	23.41	25.00
		25	0	22.65	<b>22.74</b>	22.60	24.00
		25	13	22.70	22.64	22.66	24.00
		25	25	22.63	22.66	22.70	24.00
		50	0	22.69	22.65	22.69	24.00
	16QAM	1	0	22.97	23.02	23.01	24.00
		1	25	23.03	22.88	23.07	24.00
		1	49	22.80	22.90	22.67	24.00
		25	0	21.58	21.42	21.58	23.00
		25	13	21.61	21.64	21.67	23.00
		25	25	21.52	21.54	21.66	23.00
		50	0	21.61	21.64	21.62	23.00
	16QAM	1	0	21.93	22.06	22.05	23.00
		1	25	22.06	21.85	22.12	23.00
		1	49	21.76	21.95	21.71	23.00
		25	0	20.55	20.46	20.61	22.00
		25	13	20.63	20.63	20.67	22.00
		25	25	20.49	20.58	20.63	22.00
		50	0	20.66	20.64	20.67	22.00

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.40	23.38	23.31	25.00
		1	2	23.47	23.48	23.38	25.00
		1	5	23.42	23.49	23.27	25.00
		3	0	23.49	23.40	23.34	25.00
		3	2	23.48	23.48	23.36	25.00
		3	3	23.45	23.48	23.34	25.00
		6	0	22.48	22.50	22.39	24.00
	16QAM	1	0	22.50	22.61	22.62	24.00
		1	2	22.89	22.83	22.64	24.00
		1	5	22.72	22.72	22.55	24.00
		3	0	22.66	22.35	22.47	24.00
		3	2	22.67	22.56	22.47	24.00
		3	3	22.50	22.53	22.44	24.00
		6	0	21.61	21.60	21.59	23.00
	64QAM	1	0	22.02	22.15	22.10	23.00
		1	2	22.03	22.18	21.92	23.00
		1	5	22.06	21.98	21.88	23.00
		3	0	21.94	21.83	21.92	23.00
		3	2	21.96	22.06	21.93	23.00
		3	3	21.95	22.06	21.96	23.00
		6	0	20.64	20.58	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.42	23.46	23.36	25.00
		1	7	23.45	23.50	23.45	25.00
		1	14	23.49	23.45	23.35	25.00
		8	0	22.60	22.59	22.55	24.00
		8	4	22.59	22.66	22.48	24.00
		8	7	22.60	22.56	22.47	24.00
		15	0	22.66	22.56	22.50	24.00
	16QAM	1	0	22.60	22.72	22.66	24.00
		1	7	22.82	22.80	22.43	24.00
		1	14	23.02	23.02	22.70	24.00
		8	0	21.70	21.54	21.60	23.00
		8	4	21.78	21.58	21.47	23.00
		8	7	21.55	21.61	21.43	23.00
		15	0	21.58	21.53	21.57	23.00
	64QAM	1	0	21.95	21.75	21.77	23.00
		1	7	22.01	21.80	21.72	23.00
		1	14	21.71	21.82	21.60	23.00
		8	0	20.62	20.76	20.70	22.00
		8	4	20.87	20.78	20.43	22.00
		8	7	21.02	21.03	20.75	22.00
		15	0	21.00	20.89	20.85	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.51	23.35	23.38	25.00
		1	13	23.42	23.44	23.37	25.00
		1	24	23.42	23.52	23.47	25.00
		12	0	22.62	22.56	22.51	24.00
		12	6	22.63	22.58	22.54	24.00
		12	13	22.63	22.60	22.47	24.00
		25	0	22.59	22.53	22.51	24.00
	16QAM	1	0	22.90	22.80	22.52	24.00
		1	13	23.10	22.99	22.94	24.00
		1	24	22.82	22.92	22.71	24.00
		12	0	21.64	21.65	21.45	23.00
		12	6	21.70	21.50	21.38	23.00
		12	13	21.60	21.55	21.46	23.00
		25	0	21.66	21.46	21.46	23.00
	64QAM	1	0	22.03	22.05	21.80	23.00
		1	13	22.08	21.85	21.74	23.00
		1	24	22.01	21.94	21.90	23.00
		12	0	20.87	20.81	20.54	22.00
		12	6	21.06	20.94	20.99	22.00
		12	13	20.78	20.92	20.74	22.00
		25	0	20.97	20.93	20.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	23.49	23.47	23.26	25.00
		1	25	23.50	23.29	23.35	25.00
		1	49	23.43	23.51	23.31	25.00
		25	0	22.60	22.56	22.47	24.00
		25	13	22.64	22.55	22.59	24.00
		25	25	22.56	22.50	22.42	24.00
		50	0	22.63	22.52	22.40	24.00
	16QAM	1	0	22.83	22.99	22.94	24.00
		1	25	22.95	22.99	22.68	24.00
		1	49	22.87	22.79	22.80	24.00
		25	0	21.45	21.53	21.58	23.00
		25	13	21.58	21.58	21.47	23.00
		25	25	21.55	21.55	21.45	23.00
		50	0	21.62	21.48	21.50	23.00
	64QAM	1	0	21.81	21.96	21.96	23.00
		1	25	22.00	21.98	21.88	23.00
		1	49	21.90	21.98	21.89	23.00
		25	0	20.84	21.04	20.98	22.00
		25	13	21.00	21.01	20.69	22.00
		25	25	20.84	20.82	20.77	22.00
		50	0	20.76	20.88	20.92	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	23.42	<b>23.53</b>	23.31	25.00
		1	38	23.46	23.29	23.47	25.00
		1	74	23.50	23.41	23.29	25.00
		36	0	22.55	<b>22.68</b>	22.47	24.00
		36	18	22.57	22.55	22.50	24.00
		36	39	22.66	22.65	22.50	24.00
		75	0	22.56	22.58	22.54	24.00
	16QAM	1	0	22.93	22.68	22.89	24.00
		1	38	22.80	22.61	22.71	24.00
		1	74	22.81	22.83	22.71	24.00
		36	0	21.57	21.55	21.49	23.00
		36	18	21.56	21.51	21.49	23.00
		36	39	21.55	21.48	21.57	23.00
		75	0	21.58	21.52	21.40	23.00
	64QAM	1	0	21.93	21.90	21.88	23.00
		1	38	21.92	21.91	21.88	23.00
		1	74	21.96	21.91	21.97	23.00
		36	0	20.93	20.69	20.85	22.00
		36	18	20.80	20.56	20.70	22.00
		36	39	20.76	20.85	20.67	22.00
		75	0	20.83	20.83	20.81	22.00

Table 6 : Conducted Power of LTE



### 1.3 Conducted Power of Main Antenna (Ant2)

#### 1.3.1 Conducted Power of GSM

GSM 1900 Receiver off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel	512	661	810	512			661	810		
GSM(GMSK)	GSM	29.51	29.50	29.20	30.50	-9.19	20.32	20.31	20.01	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.48	29.50	29.25	30.50	-9.19	20.29	20.31	20.06	21.31
	2 TX Slots	26.60	26.49	26.89	27.50	-6.18	20.42	20.31	20.71	21.32
	3 TX Slots	25.60	25.46	25.45	26.50	-4.42	21.18	21.04	21.03	22.08
	4 TX Slots	24.51	24.29	24.40	25.50	-3.17	21.34	21.12	21.23	<b>22.33</b>
EGPRS(8PSK)	1 TX Slot	26.33	26.09	26.17	26.50	-9.19	17.14	16.90	16.98	17.31
	2 TX Slots	24.80	24.69	24.80	25.50	-6.18	18.62	18.51	18.62	19.32
	3 TX Slots	22.78	22.65	22.83	23.50	-4.42	18.36	18.23	18.41	19.08
	4 TX Slots	21.47	21.54	21.57	22.50	-3.17	18.30	18.37	18.40	19.33
GSM 1900 Receiver off+wifi/BT										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel	512	661	810	512			661	810		
GSM(GMSK)	GSM	27.47	27.49	27.18	28.50	-9.19	18.28	18.30	17.99	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	27.43	27.45	27.23	28.50	-9.19	18.24	18.26	18.04	19.31
	2 TX Slots	24.57	24.52	24.84	25.50	-6.18	18.39	18.34	18.66	19.32
	3 TX Slots	23.59	23.41	23.40	24.50	-4.42	19.17	18.99	18.98	20.08
	4 TX Slots	22.56	22.30	22.40	23.50	-3.17	19.39	19.13	19.23	<b>20.33</b>
EGPRS(8PSK)	1 TX Slot	24.34	24.06	24.13	24.50	-9.19	15.15	14.87	14.94	15.31
	2 TX Slots	22.83	22.71	22.84	23.50	-6.18	16.65	16.53	16.66	17.32
	3 TX Slots	20.74	20.67	20.80	21.50	-4.42	16.32	16.25	16.38	17.08
	4 TX Slots	19.88	19.81	19.76	20.50	-3.17	16.71	16.64	16.59	17.33
GSM 1900 Receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel	512	661	810	512			661	810		
GSM(GMSK)	GSM	24.21	24.20	24.43	24.50	-9.19	15.02	15.01	15.24	15.31
GPRS/EGPRS (GMSK)	1 TX Slot	24.05	24.19	24.42	24.50	-9.19	14.86	15.00	15.23	15.31
	2 TX Slots	21.45	21.40	21.48	21.50	-6.18	15.27	15.22	15.30	15.32
	3 TX Slots	20.46	20.45	20.06	20.50	-4.42	16.04	16.03	15.64	16.08
	4 TX Slots	18.47	18.42	19.15	19.50	-3.17	15.30	15.25	15.98	<b>16.33</b>
EGPRS(8PSK)	1 TX Slot	20.45	20.25	20.37	20.50	-9.19	11.26	11.06	11.18	11.31
	2 TX Slots	18.94	18.86	18.94	19.50	-6.18	12.76	12.68	12.76	13.32
	3 TX Slots	16.91	16.82	16.98	17.50	-4.42	12.49	12.40	12.56	13.08
	4 TX Slots	15.57	15.66	15.68	16.50	-3.17	12.40	12.49	12.51	13.33

Table 7 : Conducted Power of GSM

**1.3.2 Conducted Power of WCDMA**

<b>WCDMA Band II Receiver on</b>					
Average Conducted Power(dBm)					
Channel	9262	9400	9538	Tune up	
WCDMA	12.2kbps RMC	15.88	<b>16.10</b>	15.95	17.00
	12.2kbps AMR	15.81	15.72	15.93	17.00
HSDPA	Subtest 1	15.55	15.53	15.56	17.00
	Subtest 2	15.24	15.31	15.22	17.00
	Subtest 3	15.16	15.18	15.12	16.50
	Subtest 4	15.27	15.22	15.28	16.50
HSUPA	Subtest 1	15.20	15.26	15.20	16.50
	Subtest 2	14.23	14.24	14.21	15.50
	Subtest 3	15.22	15.28	15.19	16.50
	Subtest 4	14.21	14.29	14.18	15.50
DC-HSDPA	Subtest 1	15.29	15.30	15.25	16.50
	Subtest 2	15.51	15.48	15.53	17.00
	Subtest 3	15.22	15.30	15.25	17.00
	Subtest 4	15.13	15.15	15.08	16.50
HSPA+	16QAM	15.25	15.33	15.17	16.50
<b>WCDMA Band II Receiver off</b>					
Average Conducted Power(dBm)					
Channel	9262	9400	9538	Tune up	
WCDMA	12.2kbps RMC	19.68	<b>19.78</b>	19.72	20.00
	12.2kbps AMR	19.62	19.75	19.68	20.00
HSDPA	Subtest 1	18.75	18.77	18.65	19.00
	Subtest 2	18.73	18.70	18.62	19.00
	Subtest 3	18.23	18.29	18.23	18.50
	Subtest 4	18.23	18.28	18.22	18.50
HSUPA	Subtest 1	18.01	18.08	17.98	18.50
	Subtest 2	15.01	15.07	15.01	15.50
	Subtest 3	16.02	16.07	16.01	16.50
	Subtest 4	14.98	15.10	14.97	15.50
	Subtest 5	18.00	18.10	18.00	18.50
DC-HSDPA	Subtest 1	18.71	18.75	18.63	19.00
	Subtest 2	18.63	18.66	18.51	19.00
	Subtest 3	18.20	18.23	18.14	18.50
	Subtest 4	18.17	18.25	18.17	18.50
HSPA+	16QAM	18.12	18.03	18.05	18.50

<b>WCDMA Band IV Receiver on</b>					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.32	<b>14.44</b>	14.40	15.50
	12.2kbps AMR	14.29	14.40	14.37	15.50
HSDPA	Subtest 1	14.31	14.35	14.36	15.50
	Subtest 2	14.02	14.08	14.06	15.00
	Subtest 3	13.97	13.99	13.97	15.00
	Subtest 4	13.95	13.93	13.95	15.00
HSUPA	Subtest 1	13.91	13.93	13.95	15.00
	Subtest 2	13.00	13.02	12.93	14.00
	Subtest 3	13.92	13.90	13.81	15.00
	Subtest 4	12.94	13.02	12.94	14.00
	Subtest 5	13.97	13.93	13.85	15.00
DC-HSDPA	Subtest 1	14.25	14.32	14.31	15.50
	Subtest 2	14.00	14.07	14.01	15.00
	Subtest 3	13.93	13.93	13.97	15.00
	Subtest 4	13.91	13.88	13.91	15.00
HSPA+	16QAM	13.98	13.95	14.00	15.00
<b>WCDMA Band IV Receiver off</b>					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.75	<b>18.78</b>	18.72	20.00
	12.2kbps AMR	18.73	18.76	18.68	20.00
HSDPA	Subtest 1	18.73	18.74	18.66	20.00
	Subtest 2	18.71	18.72	18.63	20.00
	Subtest 3	18.23	18.24	18.19	19.50
	Subtest 4	18.19	18.25	18.16	19.50
HSUPA	Subtest 1	17.84	17.85	17.73	19.50
	Subtest 2	15.04	15.02	14.93	16.50
	Subtest 3	16.03	16.04	15.96	17.50
	Subtest 4	14.98	15.03	14.96	16.50
	Subtest 5	18.00	18.00	18.00	19.50
DC-HSDPA	Subtest 1	18.68	18.70	18.65	20.00
	Subtest 2	18.65	18.66	18.61	20.00
	Subtest 3	18.21	18.21	18.17	19.50
	Subtest 4	18.13	18.20	18.13	19.50
HSPA+	16QAM	17.89	17.88	17.92	19.50

Table 8 : Conducted Power of WCDMA

**1.3.3 Conducted Power of LTE**

LTE Band 2 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	15.60	15.57	15.60	17.00
		1	2	15.68	15.73	15.66	17.00
		1	5	15.53	15.67	15.54	17.00
		3	0	15.69	15.60	15.59	17.00
		3	2	15.64	15.67	15.61	17.00
		3	3	15.62	15.67	15.55	17.00
		6	0	15.66	15.65	15.65	17.00
	16QAM	1	0	16.02	15.95	15.84	17.00
		1	2	16.05	16.09	15.88	17.00
		1	5	16.10	15.82	16.01	17.00
		3	0	15.71	15.68	15.57	17.00
		3	2	15.71	15.69	15.63	17.00
		3	3	15.67	15.80	15.69	17.00
		6	0	15.72	15.87	15.82	17.00
	64QAM	1	0	15.56	15.50	15.64	17.00
		1	2	15.72	15.61	15.71	17.00
		1	5	15.42	15.54	15.65	17.00
		3	0	15.82	15.63	15.52	17.00
		3	2	15.58	15.78	15.52	17.00
		3	3	15.67	15.70	15.64	17.00
		6	0	15.58	15.72	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	15.51	15.49	15.53	17.00
		1	7	15.74	15.74	15.68	17.00
		1	14	15.71	15.72	15.72	17.00
		8	0	15.75	15.70	15.72	17.00
		8	4	15.80	15.80	15.76	17.00
		8	7	15.79	15.74	15.77	17.00
		15	0	15.74	15.73	15.71	17.00
	16QAM	1	0	16.13	15.82	15.76	17.00
		1	7	15.96	16.11	15.94	17.00
		1	14	16.01	16.08	16.12	17.00
		8	0	15.83	15.64	15.75	17.00
		8	4	15.87	15.86	15.78	17.00
		8	7	15.88	15.68	15.80	17.00
		15	0	15.76	15.65	15.71	17.00
	64QAM	1	0	15.48	15.43	15.61	17.00
		1	7	15.75	15.78	15.68	17.00
		1	14	15.60	15.80	15.65	17.00
		8	0	15.65	15.80	15.70	17.00
		8	4	15.80	15.85	15.91	17.00
		8	7	15.68	15.89	15.67	17.00
		15	0	15.80	15.70	15.60	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	15.65	15.52	15.76	17.00
		1	13	15.68	15.70	15.59	17.00
		1	24	15.75	15.57	15.64	17.00
		12	0	15.81	15.71	15.79	17.00
		12	6	15.78	15.72	15.78	17.00
		12	13	15.83	15.80	15.78	17.00
		25	0	15.80	15.76	15.78	17.00
	16QAM	1	0	15.97	15.86	15.91	17.00
		1	13	15.96	16.13	16.11	17.00
		1	24	16.11	15.94	15.97	17.00
		12	0	15.85	15.81	15.86	17.00
		12	6	15.86	15.83	15.85	17.00
		12	13	15.80	15.80	15.76	17.00
		25	0	15.78	15.78	15.83	17.00
	64QAM	1	0	15.67	15.56	15.71	17.00
		1	13	15.65	15.80	15.47	17.00
		1	24	15.60	15.62	15.59	17.00
		12	0	15.90	15.66	15.84	17.00
		12	6	15.65	15.57	15.72	17.00
		12	13	15.83	15.90	15.93	17.00
		25	0	15.94	15.62	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.69	15.92	15.52	17.00
		1	25	15.59	15.61	15.67	17.00
		1	49	15.72	15.54	15.71	17.00
		25	0	15.75	15.67	15.63	17.00
		25	13	15.84	15.80	15.78	17.00
		25	25	15.77	15.83	15.85	17.00
		50	0	15.73	15.75	15.68	17.00
	16QAM	1	0	15.96	16.04	15.94	17.00
		1	25	15.95	16.06	15.88	17.00
		1	49	16.13	15.87	15.94	17.00
		25	0	15.72	15.82	15.76	17.00
		25	13	15.87	15.83	15.76	17.00
		25	25	15.82	15.87	15.97	17.00
		50	0	15.88	15.79	15.70	17.00
	64QAM	1	0	15.80	15.88	15.39	17.00
		1	25	15.64	15.75	15.69	17.00
		1	49	15.67	15.53	15.79	17.00
		25	0	15.61	15.68	15.64	17.00
		25	13	15.87	15.94	15.64	17.00
		25	25	15.65	15.95	15.80	17.00
		50	0	15.60	15.63	15.54	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.64	15.62	15.71	17.00
		1	38	15.59	15.73	15.66	17.00
		1	74	15.63	15.75	15.75	17.00
		36	0	15.78	15.74	15.65	17.00
		36	18	15.79	15.80	15.76	17.00
		36	39	15.74	15.74	15.84	17.00
		75	0	15.78	15.69	15.72	17.00
	16QAM	1	0	15.66	15.90	15.83	17.00
		1	38	16.12	16.12	15.80	17.00
		1	74	15.97	16.14	15.88	17.00
		36	0	15.78	15.74	15.74	17.00
		36	18	15.82	15.82	15.74	17.00
		36	39	15.90	15.86	15.87	17.00
		75	0	15.73	15.77	15.66	17.00
	64QAM	1	0	15.69	15.62	15.78	17.00
		1	38	15.44	15.71	15.74	17.00
		1	74	15.57	15.70	15.69	17.00
		36	0	15.73	15.72	15.57	17.00
		36	18	15.77	15.76	15.77	17.00
		36	39	15.61	15.73	15.74	17.00
		75	0	15.78	15.70	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>15.76</b>	15.68	15.75	17.00
		1	50	15.54	15.73	15.75	17.00
		1	99	15.65	15.68	15.65	17.00
		50	0	15.74	15.75	15.76	17.00
		50	25	<b>15.89</b>	15.79	15.81	17.00
		50	50	15.72	15.72	15.81	17.00
		100	0	15.74	15.80	15.86	17.00
	16QAM	1	0	<b>16.15</b>	16.11	16.12	17.00
		1	50	16.08	16.11	16.11	17.00
		1	99	15.58	16.02	16.10	17.00
		50	0	15.65	15.77	15.72	17.00
		50	25	15.85	15.86	15.94	17.00
		50	50	15.86	15.78	15.84	17.00
		100	0	15.78	15.69	15.79	17.00
	64QAM	1	0	15.83	15.65	15.80	17.00
		1	50	15.43	15.87	15.72	17.00
		1	99	15.69	15.80	15.64	17.00
		50	0	15.69	15.82	15.62	17.00
		50	25	16.02	15.83	15.96	17.00
		50	50	15.67	15.67	15.84	17.00
		100	0	15.76	15.74	16.00	17.00

LTE Band 2 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.01	20.12	20.01	21.50	
		1	2	20.17	20.21	20.11	21.50	
		1	5	20.14	20.13	20.11	21.50	
		3	0	20.08	20.11	20.15	21.50	
		3	2	20.15	20.24	20.14	21.50	
		3	3	20.12	20.20	20.08	21.50	
	16QAM	6	0	20.26	20.20	20.15	21.50	
		1	0	20.16	20.58	20.07	21.50	
		1	2	20.76	20.20	20.21	21.50	
		1	5	20.76	20.14	20.26	21.50	
		3	0	20.23	20.30	20.14	21.50	
		3	2	20.32	20.12	20.25	21.50	
	64QAM	3	3	20.22	20.27	20.29	21.50	
		6	0	20.23	20.23	20.36	21.50	
		1	0	20.15	20.01	20.01	21.50	
		1	2	20.21	20.25	20.25	21.50	
		1	5	20.10	20.06	20.08	21.50	
		3	0	19.60	19.46	19.51	21.00	
	3MHz	QPSK	3	2	19.55	19.69	19.59	21.00
			3	3	19.63	19.62	19.45	21.00
			6	0	19.75	19.61	19.50	21.00
1			0	20.13	20.06	20.10	21.50	
1			7	20.11	20.03	20.28	21.50	
1			14	20.26	20.27	20.21	21.50	
8			0	20.19	20.20	20.30	21.50	
16QAM		8	4	20.26	20.25	20.31	21.50	
		8	7	20.28	20.21	20.28	21.50	
		15	0	20.23	20.20	20.29	21.50	
		1	0	20.39	20.60	20.41	21.50	
		1	7	20.48	20.60	20.33	21.50	
		1	14	20.65	20.61	20.51	21.50	
		8	0	20.32	20.23	20.21	21.50	
64QAM		8	4	20.32	20.33	20.34	21.50	
	8	7	20.39	20.20	20.24	21.50		
	15	0	20.23	20.22	20.32	21.50		
	1	0	20.23	20.10	20.14	21.50		
	1	7	20.09	20.10	20.21	21.50		
	1	14	20.20	20.30	20.31	21.50		
	8	0	19.67	19.56	19.65	21.00		
	8	4	19.81	19.61	19.79	21.00		
	8	7	19.81	19.64	19.83	21.00		
	15	0	19.60	19.57	19.75	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	20.12	20.07	20.17	21.50	
		1	13	20.12	20.38	20.10	21.50	
		1	24	20.25	20.13	20.14	21.50	
		12	0	20.21	20.27	20.29	21.50	
		12	6	20.32	20.24	20.28	21.50	
		12	13	20.23	20.30	20.26	21.50	
	16QAM	25	0	20.27	20.27	20.32	21.50	
		1	0	20.08	20.34	20.51	21.50	
		1	13	20.69	20.58	20.55	21.50	
		1	24	20.50	20.49	20.46	21.50	
		12	0	20.24	20.28	20.18	21.50	
		12	6	20.34	20.28	20.35	21.50	
	64QAM	12	13	20.23	20.28	20.29	21.50	
		25	0	20.31	20.30	20.27	21.50	
		1	0	20.08	20.02	20.02	21.50	
		1	13	20.21	20.23	20.16	21.50	
		1	24	20.11	20.05	20.04	21.50	
		12	0	19.75	19.67	19.84	21.00	
	10MHz	QPSK	12	6	19.80	19.68	19.71	21.00
			12	13	19.59	19.85	19.72	21.00
			25	0	19.66	19.71	19.82	21.00
1			0	20.24	20.10	20.14	21.50	
1			25	19.99	20.07	19.99	21.50	
1			49	20.15	20.06	20.13	21.50	
16QAM		25	0	20.28	20.21	20.22	21.50	
		25	13	20.34	20.25	20.31	21.50	
		25	25	20.31	20.25	20.34	21.50	
		50	0	20.26	20.20	20.32	21.50	
		1	0	20.42	20.70	20.49	21.50	
		1	25	20.37	20.71	20.59	21.50	
64QAM	1	49	20.45	20.49	20.62	21.50		
	25	0	20.20	20.25	20.06	21.50		
	25	13	20.26	20.23	20.24	21.50		
	25	25	20.32	20.22	20.30	21.50		
	50	0	20.37	20.22	20.27	21.50		
	1	0	20.34	19.99	20.20	21.50		
10MHz	64QAM	1	25	19.94	20.02	20.12	21.50	
		1	49	20.17	19.95	20.12	21.50	
		25	0	19.80	19.64	19.77	21.00	
		25	13	19.82	19.78	19.79	21.00	
		25	25	19.68	19.66	19.85	21.00	
		50	0	19.65	19.60	19.71	21.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.09	20.32	20.17	21.50
		1	38	20.25	20.27	20.24	21.50
		1	74	20.21	20.23	20.34	21.50
		36	0	20.25	20.26	20.15	21.50
		36	18	20.30	20.27	20.24	21.50
		36	39	20.28	20.23	20.38	21.50
		75	0	20.24	20.22	20.21	21.50
	16QAM	1	0	20.33	20.79	20.41	21.50
		1	38	20.75	20.34	20.85	21.50
		1	74	20.27	20.75	20.76	21.50
		36	0	20.24	20.21	20.28	21.50
		36	18	20.32	20.38	20.26	21.50
		36	39	20.39	20.28	20.36	21.50
		75	0	20.32	20.27	20.24	21.50
	64QAM	1	0	20.17	20.26	20.21	21.50
		1	38	20.28	20.26	20.22	21.50
		1	74	20.27	20.23	20.26	21.50
		36	0	19.63	19.81	19.64	21.00
		36	18	19.68	19.64	19.65	21.00
		36	39	19.66	19.66	19.83	21.00
		75	0	19.64	19.61	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.13	20.15	20.24	21.50
		1	50	20.20	20.10	20.20	21.50
		1	99	<b>20.49</b>	20.16	20.20	21.50
		50	0	20.14	<b>20.45</b>	20.22	21.50
		50	25	20.43	20.28	20.34	21.50
		50	50	20.28	20.27	20.33	21.50
		100	0	20.37	20.35	20.36	21.50
	16QAM	1	0	<b>20.91</b>	20.78	20.76	21.50
		1	50	20.30	20.52	20.75	21.50
		1	99	20.66	20.88	20.80	21.50
		50	0	20.33	20.32	20.37	21.50
		50	25	20.42	20.38	20.41	21.50
		50	50	20.30	20.33	20.43	21.50
		100	0	20.31	20.27	20.28	21.50
	64QAM	1	0	20.19	20.09	20.36	21.50
		1	50	20.15	20.00	20.09	21.50
		1	99	20.41	20.23	20.20	21.50
		50	0	19.64	19.82	19.58	21.00
		50	25	19.90	19.78	19.73	21.00
		50	50	19.76	19.74	19.68	21.00
		100	0	19.74	19.83	19.75	21.00

LTE Band 2 Receiver off+wifi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	19.14	19.10	19.28	20.50	
		1	2	19.23	19.26	19.15	20.50	
		1	5	19.19	19.23	19.18	20.50	
		3	0	19.21	19.11	19.20	20.50	
		3	2	19.25	19.24	19.17	20.50	
		3	3	19.22	19.21	19.13	20.50	
	16QAM	6	0	19.23	19.24	19.23	20.50	
		1	0	19.38	19.49	19.02	20.50	
		1	2	19.96	19.55	19.52	20.50	
		1	5	19.41	19.58	19.17	20.50	
		3	0	19.21	19.17	19.25	20.50	
		3	2	19.33	19.33	19.23	20.50	
	64QAM	3	3	19.34	19.31	19.22	20.50	
		6	0	19.43	19.37	19.46	20.50	
		1	0	19.09	19.18	19.21	20.50	
		1	2	19.29	19.22	19.15	20.50	
		1	5	19.10	19.30	19.27	20.50	
		3	0	19.15	19.13	19.24	20.50	
	3MHz	QPSK	3	2	19.33	19.21	19.15	20.50
			3	3	19.17	19.29	19.15	20.50
			6	0	19.26	19.29	19.14	20.50
1			0	19.35	19.28	19.10	20.50	
1			7	19.20	19.26	19.21	20.50	
1			14	19.30	19.34	19.30	20.50	
16QAM		8	0	19.30	19.37	19.24	20.50	
		8	4	19.37	19.30	19.35	20.50	
		8	7	19.36	19.29	19.21	20.50	
		15	0	19.37	19.31	19.58	20.50	
		1	0	19.95	19.25	19.92	20.50	
		1	7	19.89	19.76	19.23	20.50	
64QAM		1	14	20.00	19.47	19.43	20.50	
		8	0	19.39	19.50	19.22	20.50	
		8	4	19.51	19.34	19.47	20.50	
	8	7	19.59	19.40	19.34	20.50		
	15	0	19.42	19.41	19.42	20.50		
	1	0	19.29	19.23	19.20	20.50		
64QAM	1	7	19.30	19.26	19.12	20.50		
	1	14	19.23	19.29	19.26	20.50		
	8	0	19.20	19.36	19.22	20.50		
	8	4	19.45	19.26	19.38	20.50		
	8	7	19.26	19.35	19.20	20.50		
	15	0	19.44	19.26	19.66	20.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.24	19.10	19.26	20.50
		1	13	19.18	19.28	19.31	20.50
		1	24	19.37	19.14	19.24	20.50
		12	0	19.33	19.27	19.23	20.50
		12	6	19.36	19.32	19.37	20.50
		12	13	19.38	19.30	19.32	20.50
		25	0	19.40	19.26	19.31	20.50
	16QAM	1	0	19.70	19.40	19.33	20.50
		1	13	19.37	19.56	19.73	20.50
		1	24	19.99	20.05	19.30	20.50
		12	0	19.37	19.31	19.26	20.50
		12	6	19.38	19.34	19.41	20.50
		12	13	19.37	19.36	19.24	20.50
		25	0	19.47	19.45	19.29	20.50
	64QAM	1	0	19.17	19.12	19.19	20.50
		1	13	19.26	19.30	19.27	20.50
		1	24	19.28	19.12	19.33	20.50
		12	0	19.39	19.25	19.14	20.50
		12	6	19.28	19.42	19.33	20.50
		12	13	19.36	19.38	19.25	20.50
		25	0	19.40	19.27	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.09	19.33	19.15	20.50
		1	25	19.14	19.19	19.09	20.50
		1	49	19.14	19.26	19.04	20.50
		25	0	19.38	19.22	19.21	20.50
		25	13	19.40	19.37	19.28	20.50
		25	25	19.43	19.37	19.33	20.50
		50	0	19.37	19.32	19.32	20.50
	16QAM	1	0	19.68	19.48	19.69	20.50
		1	25	19.89	19.65	19.45	20.50
		1	49	<b>20.08</b>	19.51	19.57	20.50
		25	0	19.33	19.30	19.22	20.50
		25	13	19.42	19.29	19.26	20.50
		25	25	19.41	19.38	19.33	20.50
		50	0	19.38	19.32	19.30	20.50
	64QAM	1	0	19.14	19.33	19.16	20.50
		1	25	19.05	19.11	19.11	20.50
		1	49	19.11	19.32	18.99	20.50
		25	0	19.37	19.26	19.26	20.50
		25	13	19.45	19.31	19.30	20.50
		25	25	19.37	19.46	19.36	20.50
		50	0	19.32	19.36	19.34	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.17	19.25	19.24	20.50
		1	38	19.09	19.19	19.28	20.50
		1	74	19.30	19.25	19.32	20.50
		36	0	19.38	19.26	19.25	20.50
		36	18	19.35	19.33	19.21	20.50
		36	39	19.38	19.33	19.33	20.50
		75	0	19.40	19.24	19.27	20.50
	16QAM	1	0	19.39	19.81	19.34	20.50
		1	38	19.42	20.00	19.50	20.50
		1	74	19.53	19.39	19.74	20.50
		36	0	19.40	19.31	19.30	20.50
		36	18	19.42	19.39	19.37	20.50
		36	39	19.30	19.36	19.38	20.50
		75	0	19.47	19.36	19.30	20.50
	64QAM	1	0	19.21	19.28	19.20	20.50
		1	38	19.17	19.18	19.32	20.50
		1	74	19.34	19.32	19.37	20.50
		36	0	19.40	19.22	19.22	20.50
		36	18	19.26	19.23	19.31	20.50
		36	39	19.30	19.29	19.24	20.50
		75	0	19.35	19.25	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>19.38</b>	<b>19.38</b>	19.21	20.50
		1	50	19.04	19.19	18.99	20.50
		1	99	19.21	19.22	19.27	20.50
		50	0	19.39	19.29	19.34	20.50
		50	25	<b>19.43</b>	19.35	19.32	20.50
		50	50	19.28	19.20	19.33	20.50
		100	0	19.34	19.33	19.33	20.50
	16QAM	1	0	19.87	19.50	19.57	20.50
		1	50	19.62	19.59	19.46	20.50
		1	99	19.51	19.83	19.93	20.50
		50	0	19.23	19.29	19.29	20.50
		50	25	19.44	19.28	19.35	20.50
		50	50	19.37	19.31	19.45	20.50
		100	0	19.34	19.33	19.40	20.50
	64QAM	1	0	19.48	19.40	19.27	20.50
		1	50	19.05	19.20	18.96	20.50
		1	99	19.28	19.22	19.31	20.50
		50	0	19.36	19.25	19.42	20.50
		50	25	19.46	19.42	19.29	20.50
		50	50	19.20	19.27	19.28	20.50
		100	0	19.25	19.34	19.24	20.50

LTE Band 4 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz		1	0	14.50	14.46	14.51	16.00
		1	2	14.58	14.56	14.51	16.00
		1	5	14.50	14.57	14.59	16.00
		3	0	14.31	14.26	14.38	16.00
		3	2	14.37	14.32	14.43	16.00
		3	3	14.37	14.39	14.45	16.00
		6	0	14.44	14.43	14.54	16.00
	16QAM	1	0	14.74	14.61	14.70	16.00
		1	2	14.82	14.80	14.77	16.00
		1	5	14.64	14.68	14.75	16.00
		3	0	14.51	14.42	14.49	16.00
		3	2	14.63	14.41	14.53	16.00
		3	3	14.46	14.45	14.41	16.00
		6	0	14.48	14.50	14.79	16.00
	64QAM	1	0	14.49	14.38	14.45	16.00
		1	2	14.57	14.59	14.60	16.00
		1	5	14.44	14.49	14.53	16.00
		3	0	14.31	14.26	14.34	16.00
		3	2	14.42	14.18	14.32	16.00
		3	3	14.31	14.25	14.24	16.00
		6	0	14.32	14.30	14.54	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	14.57	14.66	14.56	16.00
		1	7	14.53	14.61	14.64	16.00
		1	14	14.73	14.75	14.65	16.00
		8	0	14.40	14.38	14.53	16.00
		8	4	14.52	14.55	14.55	16.00
		8	7	14.53	14.54	14.56	16.00
		15	0	14.46	14.41	14.59	16.00
	16QAM	1	0	14.83	14.75	14.82	16.00
		1	7	14.80	14.77	14.81	16.00
		1	14	14.81	14.79	14.79	16.00
		8	0	14.60	14.41	14.60	16.00
		8	4	14.70	14.58	14.63	16.00
		8	7	14.57	14.59	14.66	16.00
		15	0	14.64	14.64	14.66	16.00
	64QAM	1	0	14.68	14.59	14.67	16.00
		1	7	14.82	14.54	14.65	16.00
		1	14	14.72	14.65	14.65	16.00
		8	0	14.45	14.23	14.45	16.00
		8	4	14.52	14.41	14.38	16.00
		8	7	14.35	14.35	14.45	16.00
		15	0	14.47	14.42	14.43	16.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	14.59	14.39	14.61	16.00	
		1	13	14.64	14.60	14.70	16.00	
		1	24	14.48	14.49	14.55	16.00	
		12	0	14.49	14.44	14.53	16.00	
		12	6	14.58	14.49	14.65	16.00	
		12	13	14.56	14.48	14.59	16.00	
	16QAM	25	0	14.49	14.41	14.53	16.00	
		1	0	14.76	14.64	14.82	16.00	
		1	13	14.79	14.75	14.71	16.00	
		1	24	14.76	14.73	14.79	16.00	
		12	0	14.63	14.56	14.59	16.00	
		12	6	14.63	14.57	14.67	16.00	
	64QAM	12	13	14.56	14.50	14.56	16.00	
		25	0	14.52	14.52	14.66	16.00	
		1	0	14.57	14.45	14.82	16.00	
		1	13	14.59	14.59	14.49	16.00	
		1	24	14.80	14.54	14.74	16.00	
		12	0	14.46	14.41	14.36	16.00	
	10MHz	QPSK	12	6	14.43	14.35	14.52	16.00
			12	13	14.40	14.32	14.33	16.00
			25	0	14.27	14.31	14.50	16.00
1			0	14.49	14.42	14.63	16.00	
1			25	14.55	14.63	14.81	16.00	
1			49	14.53	14.42	14.47	16.00	
16QAM		25	0	14.48	14.35	14.48	16.00	
		25	13	14.51	14.45	14.56	16.00	
		25	25	14.54	14.50	14.62	16.00	
		50	0	14.54	14.47	14.61	16.00	
		1	0	14.66	14.83	14.66	16.00	
		1	25	14.80	14.71	14.67	16.00	
64QAM		1	49	14.83	14.78	14.70	16.00	
		25	0	14.62	14.37	14.68	16.00	
		25	13	14.64	14.66	14.71	16.00	
		25	25	14.66	14.54	14.72	16.00	
		50	0	14.62	14.54	14.55	16.00	
		1	0	14.44	14.70	14.45	16.00	
16QAM		1	25	14.74	14.50	14.43	16.00	
		1	49	14.76	14.63	14.47	16.00	
		25	0	14.44	14.15	14.48	16.00	
	25	13	14.41	14.45	14.48	16.00		
	25	25	14.51	14.37	14.54	16.00		
	50	0	14.39	14.31	14.34	16.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.53	14.65	14.61	16.00
		1	38	14.52	14.53	14.49	16.00
		1	74	14.55	14.56	14.41	16.00
		36	0	14.46	14.42	14.44	16.00
		36	18	14.47	14.45	14.32	16.00
		36	39	14.46	14.44	14.44	16.00
		75	0	14.47	14.37	14.32	16.00
	16QAM	1	0	14.71	14.83	14.82	16.00
		1	38	14.81	14.55	14.65	16.00
		1	74	14.74	14.80	14.68	16.00
		36	0	14.51	14.61	14.48	16.00
		36	18	14.65	14.44	14.64	16.00
		36	39	14.63	14.65	14.54	16.00
		75	0	14.61	14.60	14.52	16.00
	64QAM	1	0	14.52	14.82	14.78	16.00
		1	38	14.78	14.39	14.46	16.00
		1	74	14.50	14.81	14.43	16.00
		36	0	14.26	14.46	14.29	16.00
		36	18	14.50	14.22	14.43	16.00
		36	39	14.43	14.40	14.31	16.00
		75	0	14.43	14.45	14.32	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.56	14.58	14.49	16.00
		1	50	14.37	14.51	<b>14.64</b>	16.00
		1	99	14.39	14.54	14.48	16.00
		50	0	14.45	<b>14.57</b>	14.42	16.00
		50	25	14.51	14.39	14.45	16.00
		50	50	14.44	14.49	14.39	16.00
		100	0	14.49	14.42	14.40	16.00
	16QAM	1	0	14.82	14.77	14.80	16.00
		1	50	14.85	14.80	<b>14.86</b>	16.00
		1	99	14.85	14.82	14.61	16.00
		50	0	14.58	14.61	14.60	16.00
		50	25	14.66	14.54	14.55	16.00
		50	50	14.57	14.58	14.61	16.00
		100	0	14.66	14.57	14.55	16.00
	64QAM	1	0	14.58	14.59	14.59	16.00
		1	50	14.68	14.69	14.62	16.00
		1	99	14.64	14.81	14.37	16.00
		50	0	14.38	14.40	14.44	16.00
		50	25	14.48	14.32	14.37	16.00
		50	50	14.38	14.38	14.44	16.00
		100	0	14.46	14.32	14.35	16.00

LTE Band 4 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.33	19.26	19.40	21.00	
		1	2	19.42	19.42	19.52	21.00	
		1	5	19.36	19.35	19.40	21.00	
		3	0	19.43	19.44	19.41	21.00	
		3	2	19.42	19.40	19.51	21.00	
		3	3	19.43	19.45	19.45	21.00	
	16QAM	6	0	19.51	19.49	19.53	21.00	
		1	0	19.97	19.77	19.83	21.00	
		1	2	19.69	19.77	19.82	21.00	
		1	5	19.59	19.91	19.81	21.00	
		3	0	19.58	19.38	19.56	21.00	
		3	2	19.53	19.45	19.53	21.00	
	64QAM	3	3	19.45	19.46	19.62	21.00	
		6	0	19.62	19.60	19.56	21.00	
		1	0	19.91	19.81	19.75	21.00	
		1	2	19.72	19.81	19.83	21.00	
		1	5	19.63	19.93	19.79	21.00	
		3	0	19.56	19.33	19.62	21.00	
	3MHz	QPSK	3	2	19.62	19.46	19.60	21.00
			3	3	19.53	19.41	19.61	21.00
			6	0	19.54	19.67	19.64	21.00
1			0	19.45	19.46	19.45	21.00	
1			7	19.42	19.36	19.53	21.00	
1			14	19.38	19.46	19.46	21.00	
16QAM		8	0	19.57	19.51	19.59	21.00	
		8	4	19.65	19.53	19.69	21.00	
		8	7	19.58	19.56	19.64	21.00	
		15	0	19.57	19.57	19.65	21.00	
		1	0	19.75	19.66	19.81	21.00	
		1	7	19.58	19.66	19.84	21.00	
64QAM		1	14	19.83	19.80	19.97	21.00	
		8	0	19.48	19.42	19.53	21.00	
		8	4	19.64	19.64	19.67	21.00	
		8	7	19.62	19.55	19.64	21.00	
		15	0	19.61	19.56	19.54	21.00	
		1	0	19.71	19.70	19.73	21.00	
64QAM		1	7	19.56	19.66	19.81	21.00	
		1	14	19.84	19.85	19.95	21.00	
		8	0	19.42	19.50	19.50	21.00	
	8	4	19.55	19.66	19.69	21.00		
	8	7	19.69	19.51	19.65	21.00		
	15	0	19.56	19.53	19.58	21.00		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	19.34	19.49	19.63	21.00	
		1	13	19.39	19.43	19.47	21.00	
		1	24	19.35	19.47	19.49	21.00	
		12	0	19.50	19.44	19.50	21.00	
		12	6	19.59	19.54	19.65	21.00	
		12	13	19.61	19.58	19.67	21.00	
	16QAM	25	0	19.57	19.56	19.58	21.00	
		1	0	19.78	19.60	19.81	21.00	
		1	13	19.73	19.91	19.83	21.00	
		1	24	19.72	19.72	19.88	21.00	
		12	0	19.52	19.42	19.54	21.00	
		12	6	19.84	19.56	19.57	21.00	
	64QAM	12	13	19.55	19.53	19.63	21.00	
		25	0	19.59	19.55	19.66	21.00	
		1	0	19.81	19.69	19.82	21.00	
		1	13	19.81	19.95	19.74	21.00	
		1	24	19.76	19.73	19.83	21.00	
		12	0	19.60	19.48	19.56	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	19.42	19.43	19.38	21.00
1			25	19.52	19.51	19.37	21.00	
1			49	19.35	19.21	19.44	21.00	
25			0	19.54	19.45	19.58	21.00	
25			13	19.62	19.57	19.51	21.00	
25			25	19.55	19.61	19.67	21.00	
16QAM		50	0	19.62	19.63	19.56	21.00	
		1	0	20.00	19.91	19.80	21.00	
		1	25	19.71	19.75	19.86	21.00	
		1	49	19.64	19.64	19.85	21.00	
		25	0	19.49	19.33	19.39	21.00	
		25	13	19.51	19.53	19.66	21.00	
64QAM		25	25	19.52	19.62	19.66	21.00	
		50	0	19.62	19.60	19.64	21.00	
		1	0	19.96	19.86	19.83	21.00	
		1	25	19.81	19.83	19.87	21.00	
		1	49	19.58	19.65	19.94	21.00	
		25	0	19.57	19.40	19.39	21.00	
			25	13	19.48	19.50	19.58	21.00
			25	25	19.43	19.63	19.63	21.00
			50	0	19.71	19.59	19.61	21.00
	50		0	19.71	19.59	19.61	21.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.54	19.56	19.60	21.00
		1	38	19.46	19.41	19.41	21.00
		1	74	19.42	19.41	19.34	21.00
		36	0	19.57	19.49	19.53	21.00
		36	18	19.60	19.47	19.58	21.00
		36	39	19.51	19.49	19.40	21.00
		75	0	19.63	19.60	19.45	21.00
	16QAM	1	0	20.00	19.97	20.01	21.00
		1	38	19.95	19.89	19.94	21.00
		1	74	19.40	19.94	19.88	21.00
		36	0	19.60	19.52	19.52	21.00
		36	18	19.54	19.46	19.59	21.00
		36	39	19.60	19.46	19.57	21.00
		75	0	19.60	19.54	19.55	21.00
	64QAM	1	0	19.95	19.98	20.00	21.00
		1	38	19.91	19.96	19.89	21.00
		1	74	19.35	19.95	19.96	21.00
		36	0	19.62	19.49	19.45	21.00
		36	18	19.49	19.52	19.52	21.00
		36	39	19.59	19.56	19.56	21.00
		75	0	19.58	19.64	19.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.45	<b>19.67</b>	19.66	21.00
		1	50	19.34	19.33	19.32	21.00
		1	99	19.35	19.44	19.33	21.00
		50	0	19.70	<b>19.86</b>	19.82	21.00
		50	25	19.65	19.64	19.56	21.00
		50	50	19.65	19.52	19.80	21.00
		100	0	19.57	19.65	19.50	21.00
	16QAM	1	0	19.80	20.01	19.89	21.00
		1	50	19.90	19.43	19.79	21.00
		1	99	19.96	19.28	<b>20.03</b>	21.00
		50	0	19.58	19.53	19.68	21.00
		50	25	19.62	19.62	19.52	21.00
		50	50	19.53	19.49	19.60	21.00
		100	0	19.63	19.59	19.60	21.00
	64QAM	1	0	19.72	19.94	19.92	21.00
		1	50	19.83	19.53	19.78	21.00
		1	99	19.95	19.22	19.88	21.00
		50	0	19.61	19.48	19.58	21.00
		50	25	19.59	19.71	19.50	21.00
		50	50	19.59	19.51	19.61	21.00
		100	0	19.53	19.57	19.69	21.00

LTE Band 4 Receiver on+wifi/BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz		1	0	11.51	11.47	11.47	13.00
		1	2	11.53	11.59	11.51	13.00
		1	5	11.45	11.54	11.57	13.00
		3	0	11.29	11.31	11.35	13.00
		3	2	11.33	11.27	11.46	13.00
		3	3	11.35	11.44	11.48	13.00
		6	0	11.46	11.38	11.56	13.00
	16QAM	1	0	11.76	11.65	11.65	13.00
		1	2	11.79	11.84	11.80	13.00
		1	5	11.59	11.70	11.71	13.00
		3	0	11.46	11.38	11.53	13.00
		3	2	11.60	11.42	11.51	13.00
		3	3	11.44	11.49	11.38	13.00
		6	0	11.43	11.45	11.76	13.00
	64QAM	1	0	11.47	11.42	11.43	13.00
		1	2	11.61	11.57	11.59	13.00
		1	5	11.49	11.48	11.49	13.00
		3	0	11.35	11.24	11.36	13.00
		3	2	11.46	11.19	11.35	13.00
		3	3	11.31	11.30	11.21	13.00
		6	0	11.35	11.35	11.58	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	11.62	11.65	11.60	13.00
		1	7	11.58	11.65	11.68	13.00
		1	14	11.76	11.73	11.62	13.00
		8	0	11.38	11.41	11.54	13.00
		8	4	11.47	11.53	11.51	13.00
		8	7	11.58	11.57	11.55	13.00
		15	0	11.51	11.41	11.54	13.00
	16QAM	1	0	11.83	11.79	11.80	13.00
		1	7	11.79	11.80	11.85	13.00
		1	14	11.86	11.82	11.82	13.00
		8	0	11.64	11.40	11.60	13.00
		8	4	11.66	11.60	11.66	13.00
		8	7	11.55	11.58	11.65	13.00
		15	0	11.68	11.65	11.61	13.00
	64QAM	1	0	11.69	11.62	11.62	13.00
		1	7	11.84	11.58	11.63	13.00
		1	14	11.77	11.69	11.66	13.00
		8	0	11.44	11.26	11.48	13.00
		8	4	11.49	11.39	11.43	13.00
		8	7	11.32	11.37	11.50	13.00
		15	0	11.48	11.40	11.42	13.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	11.56	11.36	11.58	13.00	
		1	13	11.61	11.65	11.69	13.00	
		1	24	11.43	11.53	11.52	13.00	
		12	0	11.50	11.45	11.56	13.00	
		12	6	11.63	11.47	11.68	13.00	
		12	13	11.51	11.48	11.63	13.00	
	16QAM	25	0	11.53	11.42	11.50	13.00	
		1	0	11.75	11.60	11.86	13.00	
		1	13	11.79	11.77	11.66	13.00	
		1	24	11.75	11.68	11.81	13.00	
		12	0	11.61	11.59	11.57	13.00	
		12	6	11.61	11.55	11.62	13.00	
	64QAM	12	13	11.51	11.51	11.59	13.00	
		25	0	11.50	11.50	11.66	13.00	
		1	0	11.52	11.50	11.82	13.00	
		1	13	11.58	11.59	11.51	13.00	
		1	24	11.77	11.59	11.77	13.00	
		12	0	11.43	11.46	11.40	13.00	
	10MHz	QPSK	12	6	11.41	11.36	11.48	13.00
			12	13	11.42	11.35	11.33	13.00
			25	0	11.29	11.29	11.48	13.00
1			0	11.51	11.38	11.60	13.00	
1			25	11.52	11.67	11.84	13.00	
1			49	11.58	11.39	11.42	13.00	
16QAM		25	0	11.46	11.37	11.51	13.00	
		25	13	11.53	11.40	11.59	13.00	
		25	25	11.59	11.53	11.67	13.00	
		50	0	11.59	11.50	11.60	13.00	
		1	0	11.63	11.78	11.62	13.00	
		1	25	11.83	11.70	11.64	13.00	
64QAM		1	49	11.81	11.73	11.65	13.00	
		25	0	11.58	11.42	11.67	13.00	
		25	13	11.61	11.68	11.73	13.00	
		25	25	11.68	11.52	11.73	13.00	
		50	0	11.64	11.59	11.50	13.00	
		1	0	11.47	11.72	11.50	13.00	
10MHz		64QAM	1	25	11.77	11.46	11.38	13.00
			1	49	11.80	11.60	11.47	13.00
			25	0	11.39	11.13	11.46	13.00
	25		13	11.46	11.44	11.43	13.00	
	25		25	11.55	11.35	11.52	13.00	
	50		0	11.42	11.31	11.39	13.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	11.57	11.70	11.59	13.00	
		1	38	11.55	11.51	11.48	13.00	
		1	74	11.55	11.54	11.42	13.00	
		36	0	11.49	11.42	11.41	13.00	
		36	18	11.48	11.45	11.33	13.00	
		36	39	11.50	11.48	11.39	13.00	
	16QAM	75	0	11.52	11.39	11.34	13.00	
		1	0	11.75	11.79	11.83	13.00	
		1	38	11.85	11.53	11.60	13.00	
		1	74	11.69	11.81	11.70	13.00	
		36	0	11.51	11.61	11.46	13.00	
		36	18	11.60	11.46	11.67	13.00	
	64QAM	36	39	11.62	11.60	11.52	13.00	
		75	0	11.63	11.55	11.48	13.00	
		1	0	11.47	11.87	11.77	13.00	
		1	38	11.79	11.39	11.51	13.00	
		1	74	11.45	11.81	11.44	13.00	
		36	0	11.27	11.50	11.24	13.00	
	20MHz	QPSK	36	18	11.50	11.24	11.48	13.00
			36	39	11.42	11.35	11.27	13.00
			75	0	11.47	11.49	11.32	13.00
1			0	11.57	11.57	11.51	13.00	
1			50	11.37	11.53	<b>11.75</b>	13.00	
1			99	11.39	11.55	11.49	13.00	
16QAM		50	0	11.49	<b>11.62</b>	11.42	13.00	
		50	25	11.55	11.41	11.47	13.00	
		50	50	11.44	11.47	11.37	13.00	
		100	0	11.47	11.46	11.44	13.00	
		1	0	11.83	11.72	11.81	13.00	
		1	50	11.79	11.80	11.86	13.00	
64QAM		1	99	<b>11.88</b>	11.82	11.60	13.00	
		50	0	11.59	11.59	11.57	13.00	
		50	25	11.63	11.50	11.52	13.00	
		50	50	11.52	11.60	11.59	13.00	
		100	0	11.67	11.57	11.60	13.00	
		1	0	11.62	11.55	11.63	13.00	
64QAM		1	50	11.66	11.71	11.60	13.00	
		1	99	11.67	11.84	11.36	13.00	
		50	0	11.41	11.35	11.45	13.00	
	50	25	11.43	11.34	11.37	13.00		
	50	50	11.39	11.41	11.41	13.00		
	100	0	11.50	11.36	11.34	13.00		

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.73	14.50	14.58	16.00
		1	13	14.72	14.67	14.69	16.00
		1	24	14.69	14.68	14.73	16.00
		12	0	14.77	14.70	14.73	16.00
		12	6	14.75	14.78	14.80	16.00
		12	13	14.89	14.78	14.74	16.00
		25	0	14.80	14.67	14.78	16.00
	16QAM	1	0	14.63	14.70	14.63	16.00
		1	13	15.00	14.78	14.87	16.00
		1	24	14.94	14.69	15.00	16.00
		12	0	15.02	14.94	14.91	16.00
		12	6	14.87	14.89	14.91	16.00
		12	13	15.02	14.88	14.88	16.00
		25	0	14.92	14.83	14.86	16.00
	64QAM	1	0	14.58	14.68	14.50	16.00
		1	13	14.92	14.75	14.76	16.00
		1	24	14.82	14.58	15.01	16.00
		12	0	15.02	14.90	14.91	16.00
		12	6	14.80	14.84	14.92	16.00
		12	13	14.90	14.76	14.88	16.00
		25	0	14.89	14.86	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.59	14.50	14.63	16.00
		1	25	14.50	14.53	14.56	16.00
		1	49	14.69	14.59	14.77	16.00
		25	0	14.76	14.69	14.74	16.00
		25	13	14.85	14.74	14.84	16.00
		25	25	14.87	14.81	14.85	16.00
		50	0	14.87	14.78	14.77	16.00
	16QAM	1	0	14.89	14.84	14.98	16.00
		1	25	14.94	14.87	14.78	16.00
		1	49	14.88	14.87	14.88	16.00
		25	0	15.01	14.82	14.86	16.00
		25	13	15.00	14.89	14.98	16.00
		25	25	15.01	14.95	14.90	16.00
		50	0	15.01	14.84	14.87	16.00
	64QAM	1	0	14.89	14.86	14.86	16.00
		1	25	14.92	14.89	14.83	16.00
		1	49	14.96	14.85	14.90	16.00
		25	0	14.96	14.87	14.74	16.00
		25	13	15.04	14.92	14.83	16.00
		25	25	15.00	14.93	14.87	16.00
		50	0	14.94	14.83	14.77	16.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.50	14.54	14.44	16.00
		1	38	14.58	14.62	14.57	16.00
		1	74	14.64	14.60	14.65	16.00
		36	0	14.80	14.62	14.58	16.00
		36	18	14.85	14.67	14.68	16.00
		36	39	14.80	14.71	14.74	16.00
		75	0	14.79	14.69	14.78	16.00
	16QAM	1	0	14.64	14.71	14.77	16.00
		1	38	14.97	14.83	14.81	16.00
		1	74	14.93	14.98	14.92	16.00
		36	0	14.94	14.86	14.75	16.00
		36	18	14.95	14.82	14.89	16.00
		36	39	14.98	14.89	14.92	16.00
		75	0	14.97	14.88	14.84	16.00
	64QAM	1	0	14.59	14.60	14.82	16.00
		1	38	14.94	14.83	14.81	16.00
		1	74	15.00	15.02	14.81	16.00
		36	0	14.86	14.75	14.66	16.00
		36	18	14.82	14.86	14.75	16.00
		36	39	14.85	14.74	14.86	16.00
		75	0	14.86	14.81	14.81	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.92	14.90	14.84	16.00
		1	50	14.84	14.90	14.83	16.00
		1	99	<b>14.96</b>	14.95	14.95	16.00
		50	0	14.74	14.70	14.71	16.00
		50	25	<b>14.90</b>	14.77	14.89	16.00
		50	50	14.78	14.68	14.68	16.00
		100	0	14.82	14.69	14.76	16.00
	16QAM	1	0	<b>15.09</b>	15.03	14.84	16.00
		1	50	15.05	14.93	15.01	16.00
		1	99	14.89	14.97	14.92	16.00
		50	0	14.92	14.82	14.77	16.00
		50	25	14.98	14.80	14.90	16.00
		50	50	15.00	15.04	15.01	16.00
		100	0	14.96	14.78	14.91	16.00
	64QAM	1	0	15.01	15.08	14.79	16.00
		1	50	15.07	14.90	14.97	16.00
		1	99	14.99	14.92	14.90	16.00
		50	0	14.88	14.71	14.82	16.00
		50	25	14.90	14.65	14.80	16.00
		50	50	14.97	15.01	14.88	16.00
		100	0	14.83	14.68	14.82	16.00

LTE Band 7 Receiver on+wifi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	11.77	11.49	11.55	13.00	
		1	13	11.74	11.62	11.71	13.00	
		1	24	11.64	11.65	11.77	13.00	
		12	0	11.79	11.74	11.75	13.00	
		12	6	11.73	11.83	11.77	13.00	
		12	13	11.86	11.73	11.70	13.00	
	16QAM	25	0	11.77	11.64	11.78	13.00	
		1	0	11.59	11.65	11.64	13.00	
		1	13	11.98	11.79	11.82	13.00	
		1	24	11.97	11.66	11.95	13.00	
		12	0	11.98	11.97	11.89	13.00	
		12	6	11.91	11.86	11.90	13.00	
	64QAM	12	13	12.07	11.85	11.92	13.00	
		25	0	11.97	11.86	11.85	13.00	
		1	0	11.58	11.71	11.53	13.00	
		1	13	11.94	11.76	11.80	13.00	
		1	24	11.81	11.58	11.96	13.00	
		12	0	12.01	11.91	11.88	13.00	
	10MHz	QPSK	12	6	11.80	11.80	11.93	13.00
			12	13	11.92	11.78	11.87	13.00
			25	0	11.88	11.90	11.80	13.00
1			0	11.56	11.52	11.62	13.00	
1			25	11.49	11.50	11.59	13.00	
1			49	11.74	11.58	11.80	13.00	
16QAM		25	0	11.72	11.73	11.78	13.00	
		25	13	11.82	11.75	11.88	13.00	
		25	25	11.84	11.80	11.85	13.00	
		50	0	11.92	11.76	11.73	13.00	
		1	0	11.91	11.80	11.98	13.00	
		1	25	11.96	11.83	11.78	13.00	
64QAM		1	49	11.88	11.92	11.88	13.00	
		25	0	12.01	11.84	11.91	13.00	
		25	13	11.97	11.93	11.96	13.00	
	25	25	12.02	11.98	11.93	13.00		
	50	0	12.00	11.89	11.85	13.00		
	1	0	11.86	11.84	11.90	13.00		
64QAM	1	25	11.87	11.91	11.85	13.00		
	1	49	11.96	11.90	11.88	13.00		
	25	0	11.99	11.92	11.78	13.00		
	25	13	12.04	11.88	11.82	13.00		
	25	25	12.02	11.88	11.86	13.00		
	50	0	11.95	11.84	11.78	13.00		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	11.46	11.49	11.43	13.00
		1	38	11.61	11.65	11.58	13.00
		1	74	11.63	11.58	11.66	13.00
		36	0	11.79	11.62	11.54	13.00
		36	18	11.89	11.65	11.67	13.00
		36	39	11.83	11.73	11.74	13.00
		75	0	11.84	11.73	11.82	13.00
	16QAM	1	0	11.59	11.74	11.74	13.00
		1	38	11.96	11.82	11.79	13.00
		1	74	11.88	11.96	11.94	13.00
		36	0	11.91	11.83	11.78	13.00
		36	18	11.95	11.87	11.91	13.00
		36	39	11.97	11.94	11.87	13.00
		75	0	11.97	11.88	11.84	13.00
	64QAM	1	0	11.61	11.60	11.80	13.00
		1	38	11.99	11.79	11.83	13.00
		1	74	12.02	11.98	11.85	13.00
		36	0	11.89	11.76	11.63	13.00
		36	18	11.83	11.90	11.79	13.00
		36	39	11.84	11.75	11.86	13.00
		75	0	11.81	11.80	11.79	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	11.89	11.95	11.82	13.00
		1	50	11.80	11.95	11.83	13.00
		1	99	<b>12.01</b>	11.99	11.99	13.00
		50	0	11.72	11.74	11.71	13.00
		50	25	<b>12.06</b>	11.77	11.90	13.00
		50	50	11.76	11.65	11.73	13.00
		100	0	11.85	11.73	11.79	13.00
	16QAM	1	0	<b>12.12</b>	12.08	11.86	13.00
		1	50	12.03	11.97	12.00	13.00
		1	99	11.90	11.98	11.91	13.00
		50	0	11.97	11.77	11.73	13.00
		50	25	11.93	11.75	11.91	13.00
		50	50	11.98	12.07	11.97	13.00
		100	0	11.97	11.77	11.87	13.00
	64QAM	1	0	12.02	12.11	11.80	13.00
		1	50	12.04	11.88	12.02	13.00
		1	99	12.02	11.97	11.89	13.00
		50	0	11.84	11.76	11.85	13.00
		50	25	11.88	11.68	11.81	13.00
		50	50	12.00	11.97	11.85	13.00
		100	0	11.83	11.63	11.78	13.00

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.70	17.62	17.71	19.00
		1	13	17.71	17.75	17.63	19.00
		1	24	17.74	17.67	17.72	19.00
		12	0	17.85	17.78	17.88	19.00
		12	6	17.92	17.78	17.86	19.00
		12	13	17.95	17.86	17.85	19.00
		25	0	17.84	17.78	17.82	19.00
	16QAM	1	0	17.92	17.82	17.70	19.00
		1	13	17.88	18.01	18.02	19.00
		1	24	17.92	17.79	18.02	19.00
		12	0	17.95	17.83	17.85	19.00
		12	6	18.00	17.86	17.92	19.00
		12	13	17.93	17.91	17.90	19.00
		25	0	18.00	17.91	17.80	19.00
	64QAM	1	0	17.53	17.45	17.42	19.00
		1	13	17.75	17.59	17.55	19.00
		1	24	17.63	17.42	17.92	19.00
		12	0	17.92	17.85	17.81	19.00
		12	6	17.74	17.70	17.71	19.00
		12	13	17.78	17.62	17.70	19.00
		25	0	17.82	17.79	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.73	17.56	17.55	19.00
		1	25	17.66	17.52	17.57	19.00
		1	49	17.64	17.78	17.89	19.00
		25	0	17.94	17.75	17.74	19.00
		25	13	17.98	17.84	17.84	19.00
		25	25	17.97	17.81	17.89	19.00
		50	0	17.92	17.82	17.92	19.00
	16QAM	1	0	17.84	17.67	17.72	19.00
		1	25	17.85	17.98	17.84	19.00
		1	49	17.85	18.01	17.95	19.00
		25	0	17.86	17.79	17.80	19.00
		25	13	17.97	17.85	17.88	19.00
		25	25	17.98	17.89	17.88	19.00
		50	0	18.01	17.79	17.76	19.00
	64QAM	1	0	17.75	17.77	17.77	19.00
		1	25	17.69	17.72	17.69	19.00
		1	49	17.72	17.71	17.71	19.00
		25	0	17.88	17.67	17.52	19.00
		25	13	17.93	17.70	17.71	19.00
		25	25	17.84	17.80	17.82	19.00
		50	0	17.89	17.78	17.60	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.97	17.86	17.69	19.00
		1	38	17.89	17.79	17.74	19.00
		1	74	17.86	17.86	17.81	19.00
		36	0	17.99	17.82	17.76	19.00
		36	18	17.98	17.90	17.90	19.00
		36	39	18.03	17.94	17.98	19.00
		75	0	18.01	17.85	17.79	19.00
	16QAM	1	0	18.08	17.67	17.94	19.00
		1	38	18.03	17.64	18.01	19.00
		1	74	17.87	18.00	18.01	19.00
		36	0	18.01	17.92	17.82	19.00
		36	18	18.05	17.80	17.85	19.00
		36	39	18.04	17.98	18.03	19.00
		75	0	18.00	17.83	17.82	19.00
	64QAM	1	0	17.46	17.52	17.74	19.00
		1	38	17.89	17.59	17.75	19.00
		1	74	17.77	17.89	17.59	19.00
		36	0	17.81	17.53	17.56	19.00
		36	18	17.60	17.72	17.51	19.00
		36	39	17.74	17.51	17.62	19.00
		75	0	17.62	17.60	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>17.85</b>	17.76	17.59	19.00
		1	50	17.74	17.71	17.68	19.00
		1	99	17.80	17.83	17.73	19.00
		50	0	<b>18.00</b>	17.77	17.90	19.00
		50	25	17.95	17.94	17.90	19.00
		50	50	17.97	17.88	17.98	19.00
		100	0	17.92	17.76	17.97	19.00
	16QAM	1	0	<b>18.11</b>	18.05	18.01	19.00
		1	50	18.00	18.02	18.04	19.00
		1	99	18.00	18.03	18.10	19.00
		50	0	18.02	17.88	17.88	19.00
		50	25	18.00	17.87	17.86	19.00
		50	50	18.03	17.99	18.09	19.00
		100	0	18.03	17.74	17.85	19.00
	64QAM	1	0	17.89	17.90	17.71	19.00
		1	50	17.99	17.79	17.78	19.00
		1	99	17.77	17.71	17.66	19.00
		50	0	17.75	17.60	17.70	19.00
		50	25	17.72	17.59	17.63	19.00
		50	50	17.74	17.89	17.75	19.00
		100	0	17.63	17.48	17.72	19.00

LTE Band 38 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.97	15.88	15.79	17.00
		1	13	15.99	16.00	15.81	17.00
		1	24	15.89	15.90	15.80	17.00
		12	0	16.01	16.00	15.87	17.00
		12	6	16.08	15.97	15.91	17.00
		12	13	16.05	16.03	15.98	17.00
		25	0	16.02	16.00	15.86	17.00
	16QAM	1	0	16.14	16.10	15.91	17.00
		1	13	16.12	16.15	16.07	17.00
		1	24	16.14	16.20	16.08	17.00
		12	0	16.04	15.96	15.82	17.00
		12	6	16.11	16.03	15.89	17.00
		12	13	15.98	15.97	15.86	17.00
		25	0	16.10	16.02	15.89	17.00
	64QAM	1	0	15.94	15.93	15.84	17.00
		1	13	15.99	16.00	15.92	17.00
		1	24	15.98	15.99	15.96	17.00
		12	0	15.95	15.83	15.84	17.00
		12	6	15.89	15.85	15.91	17.00
		12	13	15.90	15.91	15.85	17.00
		25	0	15.98	15.91	15.88	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.97	15.99	15.96	17.00
		1	25	16.01	15.95	15.99	17.00
		1	49	15.99	15.95	15.90	17.00
		25	0	15.94	16.03	16.04	17.00
		25	13	16.10	16.06	16.18	17.00
		25	25	16.15	16.03	16.03	17.00
		50	0	16.06	15.96	16.10	17.00
	16QAM	1	0	16.14	16.08	16.08	17.00
		1	25	16.03	16.04	16.05	17.00
		1	49	16.19	<b>16.21</b>	16.10	17.00
		25	0	16.09	16.01	15.99	17.00
		25	13	16.11	<b>16.21</b>	16.06	17.00
		25	25	15.95	16.00	15.92	17.00
		50	0	16.04	16.00	16.19	17.00
	64QAM	1	0	15.93	15.88	15.86	17.00
		1	25	15.94	15.76	15.99	17.00
		1	49	15.94	15.95	15.88	17.00
		25	0	15.89	15.85	15.85	17.00
		25	13	15.98	15.84	15.87	17.00
		25	25	15.92	15.94	15.85	17.00
		50	0	15.99	15.94	15.85	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	15.94	15.95	15.91	17.00
		1	38	15.84	15.90	15.85	17.00
		1	74	15.84	15.80	15.79	17.00
		36	0	15.91	15.92	15.84	17.00
		36	18	16.06	16.03	15.92	17.00
		36	39	16.00	16.00	15.92	17.00
		75	0	16.00	15.98	15.89	17.00
	16QAM	1	0	16.10	15.97	16.03	17.00
		1	38	16.05	15.96	15.90	17.00
		1	74	16.10	15.92	15.94	17.00
		36	0	15.98	15.90	15.94	17.00
		36	18	16.04	15.90	15.81	17.00
		36	39	15.97	15.97	15.82	17.00
		75	0	16.02	15.89	15.93	17.00
	64QAM	1	0	15.90	15.90	15.84	17.00
		1	38	15.91	15.96	15.93	17.00
		1	74	15.82	15.80	15.77	17.00
		36	0	15.92	15.85	15.77	17.00
		36	18	15.94	15.79	15.82	17.00
		36	39	15.89	15.83	15.80	17.00
		75	0	15.90	15.97	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>16.03</b>	15.96	15.97	17.00
		1	50	15.83	15.89	15.83	17.00
		1	99	15.87	15.89	15.84	17.00
		50	0	<b>16.09</b>	16.07	15.90	17.00
		50	25	15.98	15.99	16.01	17.00
		50	50	16.04	16.03	16.00	17.00
		100	0	16.09	16.05	15.96	17.00
	16QAM	1	0	15.99	16.06	16.18	17.00
		1	50	16.04	16.04	15.88	17.00
		1	99	15.93	15.91	16.00	17.00
		50	0	15.97	15.99	15.93	17.00
		50	25	16.06	15.92	16.05	17.00
		50	50	16.02	16.14	16.02	17.00
		100	0	16.17	15.97	16.02	17.00
	64QAM	1	0	16.02	15.91	15.93	17.00
		1	50	16.01	15.94	15.84	17.00
		1	99	16.00	15.90	15.82	17.00
		50	0	15.91	16.02	15.86	17.00
		50	25	15.99	15.93	15.95	17.00
		50	50	16.03	15.97	15.91	17.00
		100	0	16.00	15.84	15.93	17.00

LTE Band 38 Receiver on+wifi/BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	13.06	12.93	12.81	14.00
		1	13	13.09	13.08	12.78	14.00
		1	24	12.96	12.91	12.78	14.00
		12	0	13.11	13.03	12.84	14.00
		12	6	13.16	12.92	13.00	14.00
		12	13	13.14	13.01	13.04	14.00
		25	0	12.97	13.08	12.91	14.00
	16QAM	1	0	13.03	13.13	12.87	14.00
		1	13	13.16	13.13	13.12	14.00
		1	24	13.11	13.12	13.10	14.00
		12	0	13.02	13.00	12.91	14.00
		12	6	13.12	13.08	12.96	14.00
		12	13	12.93	13.02	12.90	14.00
		25	0	13.11	13.03	12.99	14.00
	64QAM	1	0	12.89	12.97	12.84	14.00
		1	13	13.03	13.04	12.90	14.00
		1	24	13.01	13.01	13.00	14.00
		12	0	12.91	12.91	12.87	14.00
		12	6	12.85	12.84	12.95	14.00
		12	13	13.00	12.97	12.91	14.00
		25	0	13.04	12.86	12.94	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	13.02	13.01	12.98	14.00
		1	25	13.09	13.05	13.09	14.00
		1	49	13.04	12.99	12.93	14.00
		25	0	12.97	13.13	13.01	14.00
		25	13	13.17	13.12	13.17	14.00
		25	25	13.11	12.98	13.07	14.00
		50	0	13.01	13.05	13.10	14.00
	16QAM	1	0	<b>13.20</b>	13.10	13.13	14.00
		1	25	13.12	12.99	13.06	14.00
		1	49	13.11	13.06	13.10	14.00
		25	0	13.19	13.01	12.99	14.00
		25	13	13.14	13.08	13.08	14.00
		25	25	12.98	13.07	12.89	14.00
		50	0	13.04	12.95	13.07	14.00
	64QAM	1	0	13.03	12.89	12.82	14.00
		1	25	12.91	12.78	13.05	14.00
		1	49	13.00	12.92	12.88	14.00
		25	0	12.93	12.90	12.92	14.00
		25	13	13.04	12.88	12.84	14.00
		25	25	12.91	12.94	12.90	14.00
		50	0	13.05	13.01	12.85	14.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	13.02	12.93	12.91	14.00	
		1	38	12.82	12.88	12.86	14.00	
		1	74	12.79	12.89	12.74	14.00	
		36	0	12.98	12.97	12.85	14.00	
		36	18	13.10	13.13	12.93	14.00	
		36	39	13.00	13.07	12.91	14.00	
	16QAM	75	0	13.10	12.97	12.96	14.00	
		1	0	13.09	13.03	13.02	14.00	
		1	38	13.04	12.99	12.85	14.00	
		1	74	13.10	12.98	12.99	14.00	
		36	0	12.95	12.95	12.98	14.00	
		36	18	13.04	12.91	12.86	14.00	
	64QAM	36	39	12.96	13.02	12.81	14.00	
		75	0	13.09	12.85	12.89	14.00	
		1	0	12.94	12.92	12.94	14.00	
		1	38	12.98	12.92	12.95	14.00	
		1	74	12.78	12.88	12.74	14.00	
		36	0	13.00	12.91	12.85	14.00	
	20MHz	QPSK	36	18	12.93	12.83	12.85	14.00
			36	39	12.97	12.90	12.85	14.00
			75	0	12.93	13.03	12.80	14.00
1			0	<b>13.12</b>	13.00	13.07	14.00	
1			50	12.89	12.99	12.81	14.00	
1			99	12.97	12.98	12.81	14.00	
16QAM		50	0	<b>13.18</b>	13.16	12.93	14.00	
		50	25	13.03	13.04	12.99	14.00	
		50	50	13.13	12.99	13.04	14.00	
		100	0	13.18	13.00	13.01	14.00	
		1	0	13.03	13.06	13.16	14.00	
		1	50	13.10	13.09	12.94	14.00	
64QAM		1	99	13.02	12.88	13.02	14.00	
		50	0	12.92	13.01	12.92	14.00	
		50	25	13.07	12.97	13.08	14.00	
		50	50	13.05	13.17	13.05	14.00	
		100	0	13.18	12.96	13.03	14.00	
		1	0	13.03	12.96	13.00	14.00	
64QAM		1	50	13.11	12.93	12.81	14.00	
		1	99	12.98	12.89	12.78	14.00	
		50	0	12.89	13.02	12.81	14.00	
	50	25	13.07	12.99	12.94	14.00		
	50	50	13.04	13.07	12.92	14.00		
	100	0	13.01	12.89	12.90	14.00		

LTE Band 38 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.75	20.76	20.68	22.00
		1	13	20.77	20.88	20.75	22.00
		1	24	20.77	20.82	20.72	22.00
		12	0	20.93	20.83	20.78	22.00
		12	6	20.93	20.84	20.82	22.00
		12	13	20.91	20.92	20.80	22.00
		25	0	20.87	20.79	20.69	22.00
	16QAM	1	0	20.94	20.88	20.76	22.00
		1	13	20.95	20.95	20.87	22.00
		1	24	20.94	20.89	20.85	22.00
		12	0	20.87	20.84	20.73	22.00
		12	6	20.87	20.84	20.77	22.00
		12	13	20.84	20.82	20.76	22.00
		25	0	20.91	20.85	20.77	22.00
	64QAM	1	0	20.86	20.78	20.68	22.00
		1	13	20.85	20.87	20.81	22.00
		1	24	20.88	20.84	20.75	22.00
		12	0	19.84	19.67	19.61	21.00
		12	6	19.73	19.65	19.61	21.00
		12	13	19.71	19.80	19.73	21.00
		25	0	19.69	19.66	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.77	20.73	20.72	22.00
		1	25	20.83	20.76	20.80	22.00
		1	49	20.71	20.74	20.64	22.00
		25	0	20.86	20.77	20.74	22.00
		25	13	20.90	20.86	20.83	22.00
		25	25	20.88	20.85	20.77	22.00
		50	0	20.89	20.81	20.77	22.00
	16QAM	1	0	20.88	20.80	20.76	22.00
		1	25	20.89	20.97	20.87	22.00
		1	49	20.89	20.91	20.85	22.00
		25	0	20.92	20.76	20.77	22.00
		25	13	20.91	20.77	20.81	22.00
		25	25	20.87	20.84	20.79	22.00
		50	0	20.83	20.86	20.81	22.00
	64QAM	1	0	20.80	20.72	20.70	22.00
		1	25	20.82	20.90	20.77	22.00
		1	49	20.80	20.81	20.78	22.00
		25	0	19.77	19.68	19.66	21.00
		25	13	19.74	19.61	19.66	21.00
		25	25	19.63	19.79	19.55	21.00
		50	0	19.69	19.73	19.57	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.73	20.65	20.66	22.00
		1	38	20.74	20.72	20.56	22.00
		1	74	20.61	20.61	20.59	22.00
		36	0	20.87	20.87	20.75	22.00
		36	18	20.91	20.83	20.72	22.00
		36	39	20.89	20.80	20.82	22.00
		75	0	20.93	20.79	20.81	22.00
	16QAM	1	0	20.96	20.99	20.90	22.00
		1	38	20.77	20.87	20.79	22.00
		1	74	20.84	20.91	20.79	22.00
		36	0	20.86	20.79	20.77	22.00
		36	18	20.94	20.77	20.77	22.00
		36	39	20.85	20.81	20.78	22.00
		75	0	20.94	20.74	20.80	22.00
	64QAM	1	0	20.97	20.89	20.80	22.00
		1	38	20.67	20.78	20.71	22.00
		1	74	20.78	20.84	20.70	22.00
		36	0	19.74	19.62	19.67	21.00
		36	18	19.80	19.64	19.55	21.00
		36	39	19.78	19.67	19.58	21.00
		75	0	19.78	19.71	19.63	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.87	20.72	<b>20.93</b>	22.00
		1	50	20.64	20.65	20.64	22.00
		1	99	20.80	20.78	20.90	22.00
		50	0	20.85	20.83	<b>20.95</b>	22.00
		50	25	20.89	20.84	20.80	22.00
		50	50	20.89	20.93	20.81	22.00
		100	0	20.92	20.82	20.83	22.00
	16QAM	1	0	<b>21.00</b>	20.87	20.80	22.00
		1	50	20.82	20.93	20.88	22.00
		1	99	20.91	20.88	20.71	22.00
		50	0	20.81	20.88	20.83	22.00
		50	25	20.96	20.85	20.90	22.00
		50	50	20.91	20.91	20.90	22.00
		100	0	20.94	20.85	20.82	22.00
	64QAM	1	0	20.91	20.80	20.73	22.00
		1	50	20.72	20.83	20.78	22.00
		1	99	20.86	20.83	20.64	22.00
		50	0	19.81	19.91	19.57	21.00
		50	25	19.82	19.79	19.78	21.00
		50	50	19.73	19.79	19.72	21.00
		100	0	19.70	19.60	19.76	21.00

LTE Band 41 Receiver off				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	20.68	20.70	20.68	20.70	20.66	22.00	
		1	13	20.79	20.76	20.74	20.79	20.68	22.00	
		1	24	20.67	20.72	20.69	20.68	20.68	22.00	
		12	0	20.77	20.80	20.78	20.76	20.66	22.00	
		12	6	20.83	20.88	20.89	20.81	20.74	22.00	
		12	13	20.84	20.77	20.83	20.83	20.74	22.00	
	16QAM	25	0	20.77	20.77	20.83	20.83	20.69	22.00	
		1	0	20.87	20.89	20.83	20.82	20.72	22.00	
		1	13	20.90	20.87	20.91	20.85	20.80	22.00	
		1	24	20.90	20.88	20.90	20.76	20.74	22.00	
		12	0	20.78	20.80	20.76	20.71	20.72	22.00	
		12	6	20.79	20.85	20.85	20.76	20.70	22.00	
	64QAM	12	13	20.81	20.78	20.79	20.72	20.72	22.00	
		25	0	20.89	20.83	20.84	20.75	20.81	22.00	
		1	0	20.81	20.79	20.76	20.76	20.62	22.00	
		1	13	20.91	20.81	20.85	20.77	20.71	22.00	
		1	24	20.80	20.81	20.85	20.71	20.64	22.00	
		12	0	19.80	19.78	19.81	19.70	19.71	21.00	
	10MHz	QPSK	12	6	19.81	19.81	19.90	19.74	19.73	21.00
			12	13	19.81	19.73	19.83	19.72	19.69	21.00
			25	0	19.84	19.78	19.84	19.80	19.79	21.00
1			0	20.77	20.65	20.72	20.67	20.68	22.00	
1			25	20.79	20.80	20.77	20.85	20.76	22.00	
1			49	20.67	20.76	20.71	20.65	20.67	22.00	
25			0	20.75	20.83	20.82	20.74	20.65	22.00	
16QAM		25	13	20.82	20.88	20.83	20.79	20.73	22.00	
		25	25	20.83	20.81	20.85	20.77	20.73	22.00	
		50	0	20.80	20.82	20.87	20.83	20.77	22.00	
		1	0	20.90	20.73	20.75	20.84	20.75	22.00	
		1	25	20.86	20.84	20.90	20.87	20.81	22.00	
		1	49	20.88	20.86	20.90	20.79	20.75	22.00	
		25	0	20.87	20.82	20.79	20.72	20.67	22.00	
64QAM		25	13	20.79	20.87	20.83	20.77	20.73	22.00	
	25	25	20.80	20.80	20.88	20.75	20.75	22.00		
	50	0	20.88	20.87	20.83	20.82	20.72	22.00		
	1	0	20.80	20.65	20.70	20.75	20.70	22.00		
	1	25	20.78	20.79	20.80	20.78	20.74	22.00		
	1	49	20.83	20.79	20.82	20.71	20.70	22.00		
	25	0	19.90	19.80	19.79	19.74	19.70	21.00		
	25	13	19.80	19.83	19.79	19.76	19.69	21.00		
25	25	19.84	19.79	19.93	19.71	19.71	21.00			
		50	0	19.87	19.83	19.85	19.79	19.71	21.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.56	20.73	20.82	20.79	20.77	22.00
		1	38	20.67	20.60	20.79	20.70	20.70	22.00
		1	74	20.54	20.66	20.83	20.82	20.72	22.00
		36	0	20.73	20.68	20.83	20.81	20.77	22.00
		36	18	20.85	20.69	20.66	20.63	20.78	22.00
		36	39	20.70	20.71	20.54	20.49	20.74	22.00
		75	0	20.82	20.84	20.72	20.58	20.79	22.00
	16QAM	1	0	20.76	20.80	20.69	20.78	20.91	22.00
		1	38	20.81	20.72	20.73	20.63	20.67	22.00
		1	74	20.80	20.88	20.70	20.77	20.66	22.00
		36	0	20.69	20.78	20.80	20.67	20.75	22.00
		36	18	20.70	20.76	20.78	20.79	20.80	22.00
		36	39	20.70	20.82	20.75	20.70	20.83	22.00
		75	0	20.87	20.77	20.86	20.79	20.83	22.00
	64QAM	1	0	20.68	20.75	20.63	20.69	20.84	22.00
		1	38	20.71	20.65	20.65	20.55	20.61	22.00
		1	74	20.73	20.78	20.65	20.67	20.61	22.00
		36	0	19.67	19.82	19.85	19.64	19.77	21.00
		36	18	19.66	19.75	20.02	19.94	19.79	21.00
		36	39	19.65	19.87	19.79	19.65	19.81	21.00
		75	0	19.90	19.98	19.88	19.79	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.71	20.66	20.68	<b>20.76</b>	<b>20.76</b>	22.00
		1	50	20.57	20.62	20.64	20.58	20.67	22.00
		1	99	20.68	20.66	20.71	20.56	20.67	22.00
		50	0	20.78	20.81	<b>20.91</b>	20.80	20.71	22.00
		50	25	20.81	20.87	20.89	20.71	20.78	22.00
		50	50	20.75	20.83	20.87	20.73	20.74	22.00
		100	0	20.80	20.87	20.88	20.77	20.79	22.00
	16QAM	1	0	20.78	20.82	20.86	<b>20.92</b>	<b>20.92</b>	22.00
		1	50	20.82	20.76	20.78	20.78	20.67	22.00
		1	99	20.76	20.76	20.91	20.67	20.66	22.00
		50	0	20.69	20.74	20.89	20.84	20.75	22.00
		50	25	20.84	<b>20.92</b>	20.83	20.82	20.80	22.00
		50	50	20.83	20.90	20.85	20.74	20.83	22.00
		100	0	20.83	20.85	20.85	20.80	20.83	22.00
	64QAM	1	0	20.73	20.77	20.76	20.84	20.87	22.00
		1	50	20.75	20.70	20.69	20.73	20.62	22.00
		1	99	20.66	20.69	20.84	20.59	20.60	22.00
		50	0	19.71	19.77	19.85	19.83	19.72	21.00
		50	25	19.84	19.97	19.87	19.81	19.83	21.00
		50	50	19.85	19.92	19.81	19.75	19.79	21.00
		100	0	19.88	19.82	19.87	19.85	19.78	21.00

LTE Band 41 Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	16.26	16.11	16.35	16.20	15.81	17.00	
		1	13	16.25	16.32	16.45	16.40	16.12	17.00	
		1	24	16.12	16.18	16.35	16.27	15.94	17.00	
		12	0	16.28	16.26	16.40	16.28	16.00	17.00	
		12	6	16.28	16.35	16.48	16.33	16.02	17.00	
		12	13	16.21	16.37	16.50	16.30	16.00	17.00	
	16QAM	25	0	16.23	16.30	16.47	16.28	15.99	17.00	
		1	0	16.42	16.18	16.62	16.38	16.11	17.00	
		1	13	16.39	16.42	16.57	16.50	16.07	17.00	
		1	24	16.40	16.55	16.67	16.42	16.15	17.00	
		12	0	16.21	16.28	16.40	16.22	16.01	17.00	
		12	6	16.34	16.36	16.46	16.32	16.00	17.00	
	64QAM	12	13	16.20	16.29	16.45	16.27	15.93	17.00	
		25	0	16.35	16.35	16.54	16.33	15.99	17.00	
		1	0	16.33	16.32	16.24	16.14	16.16	17.00	
		1	13	16.32	16.41	16.47	16.28	16.32	17.00	
		1	24	16.35	16.45	16.41	16.28	16.30	17.00	
		12	0	16.28	16.29	16.31	16.19	16.19	17.00	
	10MHz	QPSK	12	6	16.32	16.32	16.35	16.37	16.23	17.00
			12	13	16.24	16.35	16.32	16.23	16.16	17.00
			25	0	16.38	16.38	16.31	16.30	16.33	17.00
1			0	16.26	16.23	16.30	16.16	16.04	17.00	
1			25	16.15	16.27	16.35	16.28	15.95	17.00	
1			49	16.10	16.48	16.21	16.26	15.88	17.00	
25			0	16.54	16.34	16.40	16.27	16.02	17.00	
16QAM		25	13	16.79	16.41	16.66	16.35	16.04	17.00	
		25	25	16.75	16.35	16.47	16.43	16.02	17.00	
		50	0	16.21	16.33	16.51	16.60	15.97	17.00	
		1	0	16.39	16.43	16.67	16.40	16.21	17.00	
		1	25	16.27	16.42	16.61	16.34	16.17	17.00	
		1	49	16.28	16.33	16.50	16.28	16.05	17.00	
		25	0	16.46	16.28	16.45	16.30	16.08	17.00	
64QAM		25	13	16.66	16.35	16.61	16.38	16.11	17.00	
	25	25	16.23	16.20	16.44	16.38	16.03	17.00		
	50	0	16.68	16.39	16.54	16.40	15.98	17.00		
	1	0	16.43	16.27	16.26	16.29	16.30	17.00		
	1	25	16.34	16.35	16.44	16.37	16.23	17.00		
	1	49	16.34	16.40	16.42	16.25	16.34	17.00		
	25	0	16.29	16.29	16.34	16.27	16.16	17.00		
	25	13	16.32	16.35	16.31	16.23	16.23	17.00		
25	25	16.21	16.32	16.23	16.26	16.21	17.00			
50	0	16.30	16.38	16.38	16.32	16.18	17.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	16.15	16.19	16.42	16.30	16.12	17.00
		1	38	16.01	16.23	16.37	16.17	15.99	17.00
		1	74	16.00	16.36	16.42	16.24	15.89	17.00
		36	0	16.21	16.34	16.45	16.38	16.01	17.00
		36	18	16.21	16.33	16.36	16.25	16.00	17.00
		36	39	16.25	16.37	16.46	16.33	16.06	17.00
		75	0	16.20	16.44	16.49	16.32	15.95	17.00
	16QAM	1	0	16.21	16.39	16.57	16.41	16.24	17.00
		1	38	16.12	16.35	16.51	16.31	16.00	17.00
		1	74	16.29	16.39	16.51	16.42	16.17	17.00
		36	0	16.21	16.17	16.46	16.31	16.09	17.00
		36	18	16.17	16.28	16.39	16.29	16.05	17.00
		36	39	16.15	16.28	16.49	16.28	15.96	17.00
		75	0	16.29	16.43	16.47	16.31	16.11	17.00
	64QAM	1	0	16.34	16.27	16.27	16.16	16.39	17.00
		1	38	16.15	16.26	16.17	16.28	16.30	17.00
		1	74	16.29	16.38	16.24	16.15	16.06	17.00
		36	0	16.24	16.23	16.41	16.21	16.27	17.00
		36	18	16.30	16.21	16.33	16.15	16.34	17.00
		36	39	16.19	16.49	16.30	16.35	16.12	17.00
		75	0	16.29	16.20	16.31	16.10	16.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	16.24	16.21	<b>16.59</b>	16.32	16.16	17.00
		1	50	16.02	16.20	16.35	16.22	15.93	17.00
		1	99	16.08	16.13	16.39	16.25	15.79	17.00
		50	0	16.20	16.40	16.42	16.29	16.11	17.00
		50	25	16.24	16.45	<b>16.53</b>	16.37	16.14	17.00
		50	50	16.23	16.44	16.46	16.30	16.00	17.00
		100	0	16.23	16.46	16.49	16.46	16.17	17.00
	16QAM	1	0	16.37	16.37	16.64	16.43	16.29	17.00
		1	50	16.16	16.31	16.46	16.33	16.12	17.00
		1	99	16.26	16.37	16.41	16.30	15.90	17.00
		50	0	16.27	16.39	16.49	16.39	16.16	17.00
		50	25	16.23	16.45	16.58	16.35	16.10	17.00
		50	50	16.26	16.39	16.45	16.36	16.08	17.00
		100	0	16.22	16.45	16.56	16.41	16.12	17.00
	64QAM	1	0	16.35	16.41	16.32	16.34	16.44	17.00
		1	50	16.24	16.28	16.36	16.28	16.31	17.00
		1	99	16.16	16.17	16.35	16.33	16.06	17.00
		50	0	16.23	16.30	16.29	16.28	16.23	17.00
		50	25	16.29	16.36	16.38	16.12	16.29	17.00
		50	50	16.36	16.19	16.30	16.27	16.12	17.00
		100	0	16.32	16.25	16.41	16.30	16.34	17.00

LTE Band 41 Receiver on+wifi/BT				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	12.37	12.34	12.64	12.35	12.32	13.00
		1	13	12.37	12.48	12.56	12.46	12.45	13.00
		1	24	12.28	12.42	12.40	12.41	12.30	13.00
		12	0	12.46	12.58	12.50	12.46	12.40	13.00
		12	6	12.51	12.53	12.54	12.48	12.47	13.00
		12	13	12.47	12.55	12.59	12.39	12.48	13.00
		25	0	12.42	12.51	12.49	12.45	12.34	13.00
	16QAM	1	0	12.46	12.48	12.54	12.52	12.43	13.00
		1	13	12.58	12.57	12.62	12.47	12.58	13.00
		1	24	12.59	12.56	12.50	12.65	12.42	13.00
		12	0	12.41	12.53	12.45	12.38	12.43	13.00
		12	6	12.46	12.47	12.56	12.46	12.41	13.00
		12	13	12.37	12.41	12.49	12.43	12.39	13.00
		25	0	12.45	12.57	12.57	12.45	12.48	13.00
	64QAM	1	0	12.33	12.32	12.24	12.14	12.16	13.00
		1	13	12.32	12.41	12.47	12.28	12.32	13.00
		1	24	12.35	12.45	12.41	12.28	12.30	13.00
		12	0	12.28	12.29	12.31	12.19	12.19	13.00
		12	6	12.32	12.32	12.35	12.37	12.23	13.00
		12	13	12.24	12.35	12.32	12.23	12.16	13.00
		25	0	12.38	12.38	12.31	12.30	12.33	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	12.34	12.42	12.64	12.32	12.31	13.00
		1	25	12.31	12.36	12.37	12.29	12.19	13.00
		1	49	12.23	12.54	12.43	12.36	12.35	13.00
		25	0	12.42	12.45	12.51	12.45	12.47	13.00
		25	13	12.43	12.57	12.43	12.38	12.38	13.00
		25	25	12.49	12.47	12.49	12.41	12.45	13.00
		50	0	12.46	12.56	12.51	12.49	12.36	13.00
	16QAM	1	0	12.51	12.58	12.46	12.52	12.59	13.00
		1	25	12.33	12.42	12.39	12.41	12.39	13.00
		1	49	12.39	12.60	12.68	12.52	12.53	13.00
		25	0	12.36	12.42	12.49	12.42	12.38	13.00
		25	13	12.50	12.48	12.34	12.36	12.34	13.00
		25	25	12.45	12.45	12.52	12.47	12.41	13.00
		50	0	12.39	12.51	12.47	12.29	12.38	13.00
	64QAM	1	0	12.43	12.27	12.26	12.29	12.30	13.00
		1	25	12.34	12.35	12.44	12.37	12.23	13.00
		1	49	12.34	12.40	12.42	12.25	12.34	13.00
		25	0	12.29	12.29	12.34	12.27	12.16	13.00
		25	13	12.32	12.35	12.31	12.23	12.23	13.00
		25	25	12.21	12.32	12.23	12.26	12.21	13.00
		50	0	12.30	12.38	12.38	12.32	12.18	13.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	12.29	12.43	12.64	12.27	12.33	13.00
		1	38	12.23	12.36	12.32	12.33	12.20	13.00
		1	74	12.13	12.54	12.38	12.31	12.35	13.00
		36	0	12.43	12.45	12.52	12.50	12.39	13.00
		36	18	12.51	12.58	12.44	12.39	12.39	13.00
		36	39	12.53	12.48	12.47	12.41	12.46	13.00
		75	0	12.46	12.57	12.58	12.41	12.46	13.00
	16QAM	1	0	12.45	12.65	12.67	12.53	12.57	13.00
		1	38	12.46	12.43	12.50	12.41	12.46	13.00
		1	74	12.40	12.61	12.63	12.59	12.54	13.00
		36	0	12.38	12.46	12.51	12.43	12.39	13.00
		36	18	12.40	12.42	12.46	12.28	12.29	13.00
		36	39	12.45	12.46	12.52	12.38	12.41	13.00
		75	0	12.67	12.58	12.62	12.47	12.43	13.00
	64QAM	1	0	12.34	12.27	12.27	12.16	12.39	13.00
		1	38	12.15	12.26	12.17	12.28	12.30	13.00
		1	74	12.29	12.38	12.24	12.15	12.06	13.00
		36	0	12.24	12.23	12.41	12.21	12.27	13.00
		36	18	12.30	12.21	12.33	12.15	12.34	13.00
		36	39	12.19	12.49	12.30	12.35	12.12	13.00
		75	0	12.29	12.20	12.31	12.10	12.32	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	12.37	12.46	<b>12.64</b>	12.42	12.48	13.00
		1	50	12.36	12.42	12.41	12.29	12.50	13.00
		1	99	12.30	12.44	12.48	12.32	12.42	13.00
		50	0	12.48	12.51	12.43	12.47	12.44	13.00
		50	25	12.43	12.59	<b>12.60</b>	12.53	12.50	13.00
		50	50	12.42	12.57	12.53	12.49	12.49	13.00
		100	0	12.50	12.58	12.62	12.48	12.47	13.00
	16QAM	1	0	12.54	12.55	12.51	12.60	12.69	13.00
		1	50	12.36	12.50	12.49	12.46	12.43	13.00
		1	99	12.40	12.47	12.61	12.44	12.50	13.00
		50	0	12.50	12.48	12.55	12.48	12.49	13.00
		50	25	12.54	12.56	12.54	12.39	12.41	13.00
		50	50	12.55	12.50	12.57	12.45	12.48	13.00
		100	0	12.48	12.58	12.54	12.52	12.47	13.00
	64QAM	1	0	12.35	12.41	12.32	12.34	12.44	13.00
		1	50	12.24	12.28	12.36	12.28	12.31	13.00
		1	99	12.16	12.17	12.35	12.33	12.06	13.00
		50	0	12.23	12.30	12.29	12.28	12.23	13.00
		50	25	12.29	12.36	12.38	12.12	12.29	13.00
		50	50	12.36	12.19	12.30	12.27	12.12	13.00
		100	0	12.32	12.25	12.41	12.30	12.34	13.00

LTE Band 66 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	14.46	14.59	14.52	16.00	
		1	2	14.54	14.63	14.62	16.00	
		1	5	14.54	14.44	14.54	16.00	
		3	0	14.54	14.58	14.49	16.00	
		3	1	14.62	14.64	14.61	16.00	
		3	3	14.49	14.57	14.57	16.00	
	16QAM	6	0	14.56	14.63	14.50	16.00	
		1	0	14.96	14.82	14.95	16.00	
		1	2	14.65	14.88	14.71	16.00	
		1	5	14.53	14.97	15.04	16.00	
		3	0	14.57	14.90	14.59	16.00	
		3	1	14.76	14.83	14.47	16.00	
	64QAM	3	3	14.72	14.75	14.84	16.00	
		6	0	14.86	14.78	14.66	16.00	
		1	0	14.63	14.96	14.74	16.00	
		1	2	14.84	14.92	14.55	16.00	
		1	5	14.78	14.80	14.97	16.00	
		3	0	14.68	15.02	14.66	16.00	
	3MHz	QPSK	3	1	14.89	14.91	14.62	16.00
			3	3	14.79	14.84	14.92	16.00
			6	0	15.01	14.84	14.77	16.00
1			0	14.39	14.50	14.42	16.00	
1			7	14.44	14.58	14.57	16.00	
1			14	14.43	14.38	14.44	16.00	
16QAM		8	0	14.46	14.51	14.41	16.00	
		8	4	14.54	14.57	14.50	16.00	
		8	7	14.43	14.46	14.51	16.00	
		15	0	14.46	14.52	14.44	16.00	
		1	0	15.00	14.77	15.02	16.00	
		1	7	14.55	14.77	14.66	16.00	
64QAM	1	14	14.44	14.97	14.97	16.00		
	8	0	14.48	14.84	14.51	16.00		
	8	4	14.70	14.78	14.37	16.00		
	8	7	14.63	14.68	14.74	16.00		
	15	0	14.76	14.71	14.57	16.00		
	1	0	14.63	14.93	14.65	16.00		
64QAM	1	7	14.82	14.85	14.44	16.00		
	1	14	14.76	14.81	14.80	16.00		
	8	0	14.54	14.97	14.59	16.00		
	8	4	14.78	14.89	14.51	16.00		
	8	7	14.71	14.76	14.86	16.00		
	15	0	14.82	14.83	14.64	16.00		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	14.49	14.58	14.47	16.00	
		1	13	14.70	14.67	14.63	16.00	
		1	24	14.50	14.59	14.45	16.00	
		12	0	14.67	14.63	14.58	16.00	
		12	6	14.73	14.64	14.65	16.00	
		12	13	14.74	14.75	14.62	16.00	
	16QAM	25	0	14.76	14.72	14.63	16.00	
		1	0	15.03	15.02	14.78	16.00	
		1	13	14.95	14.95	15.01	16.00	
		1	24	14.96	15.02	14.91	16.00	
		12	0	14.78	14.70	14.75	16.00	
		12	6	14.91	14.76	14.81	16.00	
	64QAM	12	13	14.70	14.83	14.72	16.00	
		25	0	14.89	14.73	14.67	16.00	
		1	0	14.90	14.80	14.89	16.00	
		1	13	14.98	14.81	14.90	16.00	
		1	24	14.76	14.98	14.77	16.00	
		12	0	14.89	14.79	14.81	16.00	
	10MHz	QPSK	12	6	14.98	14.81	14.86	16.00
			12	13	14.81	14.89	14.82	16.00
			25	0	15.01	14.81	14.73	16.00
1			0	14.61	14.58	14.58	16.00	
1			25	14.59	14.71	14.41	16.00	
1			49	14.65	14.46	14.59	16.00	
16QAM		25	0	14.59	14.63	14.55	16.00	
		25	13	14.68	14.71	14.65	16.00	
		25	25	14.73	14.64	14.71	16.00	
		50	0	14.74	14.59	14.72	16.00	
		1	0	15.03	14.98	15.03	16.00	
		1	25	15.03	14.98	15.02	16.00	
64QAM		1	49	15.01	15.02	14.96	16.00	
		25	0	14.80	14.75	14.57	16.00	
		25	13	14.74	14.87	14.89	16.00	
		25	25	14.79	14.86	14.80	16.00	
		50	0	14.80	14.67	14.74	16.00	
		1	0	14.94	14.86	14.65	16.00	
10MHz		64QAM	1	25	14.86	14.96	14.95	16.00
			1	49	14.85	14.94	14.95	16.00
			25	0	14.90	14.85	14.70	16.00
	25		13	14.79	14.98	14.98	16.00	
	25		25	14.84	14.98	14.92	16.00	
	50		0	14.86	14.81	14.81	16.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	14.53	14.60	14.38	16.00
		1	38	14.44	14.46	14.32	16.00
		1	74	14.44	14.51	14.41	16.00
		36	0	14.60	14.56	14.58	16.00
		36	18	14.58	14.57	14.48	16.00
		36	39	14.62	14.56	14.55	16.00
		75	0	14.56	14.53	14.55	16.00
	16QAM	1	0	15.02	15.03	15.03	16.00
		1	38	14.56	14.88	14.82	16.00
		1	74	15.02	15.01	15.03	16.00
		36	0	14.68	14.72	14.74	16.00
		36	18	14.86	14.70	14.86	16.00
		36	39	14.79	14.82	14.80	16.00
		75	0	14.79	14.70	14.70	16.00
	64QAM	1	0	14.83	14.84	14.85	16.00
		1	38	14.91	14.82	14.98	16.00
		1	74	14.85	14.88	14.92	16.00
		36	0	14.78	14.83	14.85	16.00
		36	18	14.99	14.78	14.98	16.00
		36	39	14.84	14.96	14.93	16.00
		75	0	14.94	14.85	14.80	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.42	<b>14.72</b>	14.66	16.00
		1	50	14.29	14.43	14.26	16.00
		1	99	14.47	14.42	14.32	16.00
		50	0	14.60	<b>14.86</b>	<b>14.86</b>	16.00
		50	25	14.51	14.53	14.53	16.00
		50	50	14.49	14.57	14.49	16.00
		100	0	14.69	14.64	14.43	16.00
	16QAM	1	0	<b>15.05</b>	15.03	14.70	16.00
		1	50	15.00	15.00	14.83	16.00
		1	99	14.98	15.02	14.95	16.00
		50	0	14.75	14.67	14.69	16.00
		50	25	14.83	14.72	14.77	16.00
		50	50	14.78	14.76	14.75	16.00
		100	0	14.76	14.71	14.73	16.00
	64QAM	1	0	14.86	14.82	14.77	16.00
		1	50	14.98	14.81	14.90	16.00
		1	99	14.83	14.83	14.86	16.00
		50	0	14.89	14.76	14.81	16.00
		50	25	14.91	14.82	14.82	16.00
		50	50	14.89	14.82	14.90	16.00
		100	0	14.90	14.80	14.86	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.42	<b>14.72</b>	14.66	16.00
		1	50	14.29	14.43	14.26	16.00
		1	99	14.47	14.42	14.32	16.00
		50	0	14.60	<b>14.86</b>	<b>14.86</b>	16.00
		50	25	14.51	14.53	14.53	16.00
		50	50	14.49	14.57	14.49	16.00
		100	0	14.69	14.64	14.43	16.00
	16QAM	1	0	<b>15.05</b>	15.03	14.70	16.00
		1	50	15.00	15.00	14.83	16.00
		1	99	14.98	15.02	14.95	16.00
		50	0	14.75	14.67	14.69	16.00
		50	25	14.83	14.72	14.77	16.00
		50	50	14.78	14.76	14.75	16.00
		100	0	14.76	14.71	14.73	16.00
	64QAM	1	0	14.86	14.82	14.77	16.00
		1	50	14.98	14.81	14.90	16.00
		1	99	14.83	14.83	14.86	16.00
		50	0	14.89	14.76	14.81	16.00
		50	25	14.91	14.82	14.82	16.00
		50	50	14.89	14.82	14.90	16.00
		100	0	14.90	14.80	14.86	16.00

LTE Band 66 Receiver on+wifi/BT				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	11.55	11.64	11.48	13.00	
		1	2	11.62	11.64	11.60	13.00	
		1	5	11.54	11.41	11.50	13.00	
		3	0	11.57	11.68	11.55	13.00	
		3	1	11.72	11.71	11.57	13.00	
		3	3	11.53	11.52	11.61	13.00	
	16QAM	6	0	11.60	11.71	11.52	13.00	
		1	0	12.03	11.85	11.99	13.00	
		1	2	11.62	11.89	11.81	13.00	
		1	5	11.63	11.95	12.01	13.00	
		3	0	11.54	11.97	11.62	13.00	
		3	1	11.74	11.87	11.52	13.00	
	64QAM	3	3	11.71	11.83	11.84	13.00	
		6	0	11.82	11.78	11.61	13.00	
		1	0	11.70	11.91	11.71	13.00	
		1	2	11.88	11.91	11.52	13.00	
		1	5	11.83	11.81	12.04	13.00	
		3	0	11.64	12.12	11.67	13.00	
	3MHz	QPSK	3	1	11.98	11.99	11.60	13.00
			3	3	11.83	11.79	11.93	13.00
			6	0	12.00	11.91	11.78	13.00
1			0	11.47	11.49	11.52	13.00	
1			7	11.41	11.58	11.52	13.00	
1			14	11.49	11.33	11.39	13.00	
16QAM		8	0	11.41	11.46	11.48	13.00	
		8	4	11.49	11.59	11.56	13.00	
		8	7	11.40	11.56	11.54	13.00	
		15	0	11.55	11.51	11.40	13.00	
		1	0	12.09	11.80	12.06	13.00	
		1	7	11.58	11.76	11.72	13.00	
64QAM	1	14	11.44	11.95	12.04	13.00		
	8	0	11.44	11.84	11.55	13.00		
	8	4	11.80	11.88	11.39	13.00		
	8	7	11.62	11.64	11.81	13.00		
	15	0	11.73	11.79	11.61	13.00		
	1	0	11.63	11.90	11.75	13.00		
64QAM	1	7	11.77	11.88	11.50	13.00		
	1	14	11.71	11.86	11.77	13.00		
	8	0	11.50	11.92	11.58	13.00		
	8	4	11.80	11.88	11.48	13.00		
	8	7	11.80	11.79	11.83	13.00		
	15	0	11.82	11.82	11.64	13.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	11.52	11.58	11.45	13.00	
		1	13	11.73	11.63	11.73	13.00	
		1	24	11.49	11.60	11.54	13.00	
		12	0	11.70	11.62	11.57	13.00	
		12	6	11.74	11.72	11.69	13.00	
		12	13	11.79	11.83	11.68	13.00	
	16QAM	25	0	11.80	11.73	11.73	13.00	
		1	0	12.00	12.02	11.86	13.00	
		1	13	11.94	11.90	11.97	13.00	
		1	24	11.99	12.11	11.92	13.00	
		12	0	11.84	11.73	11.71	13.00	
		12	6	12.01	11.75	11.87	13.00	
	64QAM	12	13	11.72	11.88	11.82	13.00	
		25	0	11.96	11.73	11.76	13.00	
		1	0	11.96	11.81	11.95	13.00	
		1	13	12.07	11.87	12.00	13.00	
		1	24	11.72	12.00	11.78	13.00	
		12	0	11.84	11.80	11.83	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	12	13	11.83	11.97	11.77	13.00
25			0	12.02	11.83	11.70	13.00	
1			0	11.64	11.54	11.59	13.00	
1			25	11.59	11.67	11.47	13.00	
1			49	11.61	11.50	11.57	13.00	
25			0	11.69	11.66	11.65	13.00	
16QAM		25	13	11.78	11.75	11.66	13.00	
		25	25	11.70	11.73	11.74	13.00	
		50	0	11.69	11.56	11.78	13.00	
		1	0	12.11	12.06	12.01	13.00	
		1	25	12.10	12.05	12.12	13.00	
		1	49	12.04	11.97	11.95	13.00	
64QAM		25	0	11.85	11.73	11.67	13.00	
		25	13	11.81	11.92	11.92	13.00	
		25	25	11.82	11.95	11.79	13.00	
		50	0	11.88	11.71	11.73	13.00	
		1	0	12.00	11.83	11.75	13.00	
		1	25	11.91	11.94	11.99	13.00	
64QAM		1	49	11.83	11.92	12.00	13.00	
		25	0	11.97	11.89	11.79	13.00	
		25	13	11.85	11.97	12.00	13.00	
	25	25	11.92	11.98	11.89	13.00		
	25	0	11.89	11.88	11.89	13.00		
	50	0	11.89	11.88	11.89	13.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	11.56	11.64	11.47	13.00
		1	38	11.47	11.56	11.28	13.00
		1	74	11.52	11.49	11.36	13.00
		36	0	11.70	11.59	11.65	13.00
		36	18	11.68	11.56	11.55	13.00
		36	39	11.62	11.51	11.50	13.00
		75	0	11.64	11.60	11.59	13.00
	16QAM	1	0	12.06	12.10	12.02	13.00
		1	38	11.56	11.87	11.86	13.00
		1	74	12.12	12.01	12.02	13.00
		36	0	11.78	11.71	11.78	13.00
		36	18	11.83	11.65	11.85	13.00
		36	39	11.87	11.79	11.90	13.00
		75	0	11.84	11.77	11.74	13.00
	64QAM	1	0	11.88	11.80	11.80	13.00
		1	38	11.86	11.88	12.05	13.00
		1	74	11.89	11.88	11.87	13.00
		36	0	11.83	11.83	11.90	13.00
		36	18	12.08	11.87	12.07	13.00
		36	39	11.86	12.05	11.95	13.00
		75	0	11.99	11.92	11.77	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	11.45	<b>11.83</b>	11.69	13.00
		1	50	11.27	11.49	11.31	13.00
		1	99	11.51	11.45	11.39	13.00
		50	0	11.58	<b>11.96</b>	11.86	13.00
		50	25	11.57	11.63	11.56	13.00
		50	50	11.59	11.65	11.48	13.00
		100	0	11.77	11.62	11.42	13.00
	16QAM	1	0	12.11	<b>12.13</b>	11.71	13.00
		1	50	12.03	12.00	11.88	13.00
		1	99	11.96	12.05	11.97	13.00
		50	0	11.81	11.70	11.77	13.00
		50	25	11.92	11.77	11.76	13.00
		50	50	11.81	11.84	11.75	13.00
		100	0	11.75	11.78	11.72	13.00
	64QAM	1	0	11.92	11.92	11.78	13.00
		1	50	11.93	11.80	11.94	13.00
		1	99	11.89	11.78	11.85	13.00
		50	0	11.92	11.71	11.89	13.00
		50	25	11.95	11.87	11.81	13.00
		50	50	11.97	11.81	11.99	13.00
		100	0	11.93	11.86	11.90	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	11.45	<b>11.83</b>	11.69	13.00
		1	50	11.27	11.49	11.31	13.00
		1	99	11.51	11.45	11.39	13.00
		50	0	11.58	<b>11.96</b>	11.86	13.00
		50	25	11.57	11.63	11.56	13.00
		50	50	11.59	11.65	11.48	13.00
		100	0	11.77	11.62	11.42	13.00
	16QAM	1	0	12.11	<b>12.13</b>	11.71	13.00
		1	50	12.03	12.00	11.88	13.00
		1	99	11.96	12.05	11.97	13.00
		50	0	11.81	11.70	11.77	13.00
		50	25	11.92	11.77	11.76	13.00
		50	50	11.81	11.84	11.75	13.00
		100	0	11.75	11.78	11.72	13.00
	64QAM	1	0	11.92	11.92	11.78	13.00
		1	50	11.93	11.80	11.94	13.00
		1	99	11.89	11.78	11.85	13.00
		50	0	11.92	11.71	11.89	13.00
		50	25	11.95	11.87	11.81	13.00
		50	50	11.97	11.81	11.99	13.00
		100	0	11.93	11.86	11.90	13.00

LTE Band 66 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.48	19.64	19.55	21.00	
		1	2	19.50	19.65	19.55	21.00	
		1	5	19.50	19.61	19.57	21.00	
		3	0	19.67	19.60	19.58	21.00	
		3	1	19.76	19.69	19.66	21.00	
		3	3	19.68	19.65	19.66	21.00	
	16QAM	6	0	19.65	19.67	19.60	21.00	
		1	0	19.70	19.75	19.71	21.00	
		1	2	19.94	20.04	19.86	21.00	
		1	5	19.75	19.79	20.07	21.00	
		3	0	19.82	19.69	19.62	21.00	
		3	1	19.74	19.60	19.57	21.00	
	64QAM	3	3	19.70	19.71	19.66	21.00	
		6	0	19.74	19.73	19.69	21.00	
		1	0	20.07	19.91	19.78	21.00	
		1	2	19.93	19.85	19.74	21.00	
		1	5	19.86	19.86	19.87	21.00	
		3	0	19.88	19.74	19.73	21.00	
	3MHz	QPSK	3	1	19.85	19.67	19.70	21.00
			3	3	19.78	19.78	19.78	21.00
			6	0	19.80	19.78	19.83	21.00
1			0	19.49	19.62	19.52	21.00	
1			7	19.53	19.61	19.51	21.00	
1			14	19.50	19.64	19.59	21.00	
16QAM		8	0	19.69	19.59	19.58	21.00	
		8	4	19.76	19.63	19.62	21.00	
		8	7	19.67	19.65	19.68	21.00	
		15	0	19.68	19.69	19.63	21.00	
		1	0	19.73	19.72	19.70	21.00	
		1	7	19.96	20.02	19.90	21.00	
64QAM	1	14	19.75	19.82	20.01	21.00		
	8	0	19.81	19.66	19.63	21.00		
	8	4	19.77	19.61	19.55	21.00		
	8	7	19.71	19.69	19.70	21.00		
	15	0	19.73	19.73	19.66	21.00		
	1	0	20.03	19.85	19.83	21.00		
64QAM	1	7	19.93	19.86	19.71	21.00		
	1	14	19.96	19.87	19.91	21.00		
	8	0	19.89	19.77	19.68	21.00		
	8	4	19.92	19.76	19.60	21.00		
	8	7	19.83	19.81	19.75	21.00		
	15	0	19.86	19.87	19.78	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	19.57	19.73	19.63	21.00	
		1	13	19.60	19.71	19.60	21.00	
		1	24	19.60	19.71	19.66	21.00	
		12	0	19.74	19.68	19.67	21.00	
		12	6	19.86	19.74	19.72	21.00	
		12	13	19.73	19.74	19.75	21.00	
	16QAM	25	0	19.74	19.78	19.68	21.00	
		1	0	19.78	19.83	19.79	21.00	
		1	13	20.03	20.07	19.95	21.00	
		1	24	19.85	19.88	20.05	21.00	
		12	0	19.87	19.76	19.70	21.00	
		12	6	19.85	19.70	19.66	21.00	
	64QAM	12	13	19.77	19.78	19.76	21.00	
		25	0	19.83	19.82	19.74	21.00	
		1	0	20.05	20.00	19.90	21.00	
		1	13	20.01	19.94	19.86	21.00	
		1	24	19.98	19.97	19.91	21.00	
		12	0	20.00	19.89	19.82	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	12	13	19.88	19.89	19.88	21.00
25			0	19.98	19.93	19.83	21.00	
1			0	19.59	19.60	19.75	21.00	
1			25	19.47	19.79	19.71	21.00	
1			49	19.51	19.67	19.31	21.00	
25			0	19.64	19.73	19.62	21.00	
16QAM		25	13	19.80	19.76	19.71	21.00	
		25	25	19.77	19.80	19.74	21.00	
		50	0	19.83	19.78	19.78	21.00	
		1	0	20.07	20.05	19.89	21.00	
		1	25	19.54	19.95	19.98	21.00	
		1	49	20.08	19.96	19.72	21.00	
64QAM		25	0	19.55	19.71	19.74	21.00	
		25	13	19.86	19.73	19.69	21.00	
		25	25	19.63	19.77	19.61	21.00	
		50	0	19.84	19.78	19.74	21.00	
		1	0	19.78	19.95	19.98	21.00	
		1	25	20.06	19.90	19.89	21.00	
64QAM		1	49	19.86	19.97	19.83	21.00	
		25	0	19.60	19.79	19.82	21.00	
		25	13	19.92	19.80	19.76	21.00	
	25	25	19.75	19.88	19.69	21.00		
	50	0	19.89	19.83	19.89	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.66	19.66	19.53	21.00
		1	38	19.63	19.71	19.54	21.00
		1	74	19.63	19.68	19.67	21.00
		36	0	19.70	19.74	19.69	21.00
		36	18	19.81	19.70	19.73	21.00
		36	39	19.72	19.76	19.77	21.00
		75	0	19.83	19.68	19.69	21.00
	16QAM	1	0	20.04	20.01	19.68	21.00
		1	38	20.03	19.78	19.85	21.00
		1	74	20.09	19.99	19.73	21.00
		36	0	19.70	19.67	19.69	21.00
		36	18	19.82	19.70	19.78	21.00
		36	39	19.81	19.84	19.64	21.00
		75	0	19.81	19.64	19.77	21.00
	64QAM	1	0	19.87	19.87	19.92	21.00
		1	38	19.99	19.87	19.96	21.00
		1	74	20.04	20.05	19.82	21.00
		36	0	19.82	19.81	19.82	21.00
		36	18	19.93	19.79	19.88	21.00
		36	39	19.86	19.90	19.74	21.00
		75	0	19.92	19.71	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.72	<b>19.81</b>	19.77	21.00
		1	50	19.74	19.63	19.52	21.00
		1	99	19.75	19.69	19.52	21.00
		50	0	19.74	<b>19.81</b>	19.70	21.00
		50	25	19.76	19.79	19.80	21.00
		50	50	19.72	19.78	19.68	21.00
		100	0	19.79	19.65	19.73	21.00
	16QAM	1	0	20.01	19.87	19.60	21.00
		1	50	<b>20.11</b>	20.01	19.97	21.00
		1	99	19.98	19.62	19.68	21.00
		50	0	19.76	19.71	19.75	21.00
		50	25	19.80	19.74	19.88	21.00
		50	50	19.84	19.81	19.86	21.00
		100	0	19.77	19.75	19.75	21.00
	64QAM	1	0	19.93	19.89	19.90	21.00
		1	50	19.96	19.92	20.10	21.00
		1	99	20.03	20.00	20.01	21.00
		50	0	19.87	19.77	19.88	21.00
		50	25	19.88	19.83	20.02	21.00
		50	50	19.97	19.86	20.00	21.00
		100	0	19.85	19.90	19.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	

Table 9 : Conducted Power of LTE



## 1.4 Conducted Power of Main Antenna (Ant3)

### 1.4.1 Conducted Power of GSM

GSM 1900 Receiver off										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	29.94	29.91	30.08	30.50	-9.19	20.75	20.72	20.89	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.95	29.93	30.05	30.50	-9.19	20.76	20.74	20.86	21.31
	2 TX Slots	27.06	27.48	27.21	27.50	-6.18	20.88	21.30	21.03	21.32
	3 TX Slots	25.72	25.76	25.92	26.50	-4.42	21.30	21.34	21.50	22.08
	4 TX Slots	24.45	24.40	24.43	25.50	-3.17	21.28	21.23	21.26	<b>22.33</b>
EGPRS(8PSK)	1 TX Slot	26.00	25.90	26.11	26.50	-9.19	16.81	16.71	16.92	17.31
	2 TX Slots	23.40	23.30	23.54	24.50	-6.18	17.22	17.12	17.36	18.32
	3 TX Slots	21.18	21.19	21.30	21.50	-4.42	16.76	16.77	16.88	17.08
	4 TX Slots	20.20	20.17	20.40	20.50	-3.17	17.03	17.00	17.23	17.33

Table 10 : Conducted Power of GSM

### 1.4.2 Conducted Power of WCDMA

WCDMA Band II Receiver on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.41	<b>23.59</b>	23.50	24.50
	12.2kbps AMR	23.39	23.55	23.48	24.50
HSDPA	Subtest 1	22.11	22.15	22.13	23.00
	Subtest 2	22.07	22.10	22.08	23.00
	Subtest 3	21.56	21.60	21.59	22.50
	Subtest 4	21.58	21.60	21.58	22.50
HSUPA	Subtest 1	22.03	22.12	22.02	23.00
	Subtest 2	19.00	19.05	19.04	20.00
	Subtest 3	20.02	20.06	19.99	21.00
	Subtest 4	19.01	19.06	19.06	20.00
	Subtest 5	22.00	22.10	22.00	23.00
DC-HSDPA	Subtest 1	22.06	22.11	22.08	23.00
	Subtest 2	22.01	22.07	22.02	23.00
	Subtest 3	21.53	21.51	21.55	22.50
	Subtest 4	21.52	21.52	21.54	22.50
HSPA+	16QAM	22.14	22.10	22.09	23.00

<b>WCDMA Band II Receiver off</b>					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.71	20.75	<b>20.80</b>	22.00
	12.2kbps AMR	20.66	20.71	20.78	22.00
HSDPA	Subtest 1	19.24	19.37	19.31	20.50
	Subtest 2	19.23	19.32	19.28	20.50
	Subtest 3	18.75	18.80	18.72	20.00
	Subtest 4	18.72	18.80	18.75	20.00
HSUPA	Subtest 1	19.24	19.32	19.20	20.50
	Subtest 2	16.69	16.72	16.63	18.00
	Subtest 3	17.68	17.74	17.65	19.00
	Subtest 4	16.67	16.72	16.65	18.00
	Subtest 5	19.60	19.70	19.60	21.00
DC-HSDPA	Subtest 1	19.21	19.33	19.27	20.50
	Subtest 2	19.17	19.25	19.21	20.50
	Subtest 3	18.73	18.76	18.68	20.00
	Subtest 4	18.70	18.72	18.63	20.00
HSPA+	16QAM	19.31	19.24	19.28	20.50
<b>WCDMA Band II Receiver off+wifi/BT</b>					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.70	19.75	<b>19.77</b>	21.00
	12.2kbps AMR	19.68	19.74	19.73	21.00
HSDPA	Subtest 1	18.61	18.66	18.59	20.00
	Subtest 2	18.58	18.62	18.55	20.00
	Subtest 3	18.08	18.13	18.09	19.50
	Subtest 4	18.06	18.14	18.07	19.50
HSUPA	Subtest 1	18.66	18.71	18.62	20.00
	Subtest 2	16.22	16.31	16.30	17.50
	Subtest 3	17.22	17.35	17.24	18.50
	Subtest 4	16.28	16.32	16.28	17.50
	Subtest 5	19.20	19.30	19.20	20.50
DC-HSDPA	Subtest 1	18.57	18.62	18.57	20.00
	Subtest 2	18.51	18.58	18.50	20.00
	Subtest 3	18.05	18.11	18.01	19.50
	Subtest 4	18.01	18.10	18.00	19.50
HSPA+	16QAM	18.75	18.79	18.81	20.00

<b>WCDMA Band IV Receiver on</b>					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.40	<b>23.41</b>	23.31	24.50
	12.2kbps AMR	23.38	23.39	23.30	24.50
HSDPA	Subtest 1	22.96	22.99	22.95	24.00
	Subtest 2	22.93	22.97	22.91	24.00
	Subtest 3	22.42	22.47	22.45	23.50
	Subtest 4	22.43	22.48	22.45	23.50
HSUPA	Subtest 1	21.94	22.00	21.91	23.00
	Subtest 2	19.98	20.00	19.95	21.00
	Subtest 3	20.98	21.01	20.89	22.00
	Subtest 4	19.93	20.02	19.93	21.00
	Subtest 5	22.90	22.89	22.90	24.00
DC-HSDPA	Subtest 1	22.91	22.95	22.90	24.00
	Subtest 2	22.85	22.90	22.82	24.00
	Subtest 3	22.40	22.41	22.38	23.50
	Subtest 4	22.35	22.40	22.33	23.50
HSPA+	16QAM	22.05	22.06	21.98	23.00
<b>WCDMA Band IV Receiver off</b>					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.16	19.23	<b>19.38</b>	20.50
	12.2kbps AMR	19.14	19.21	19.37	20.50
HSDPA	Subtest 1	19.15	19.21	19.15	20.50
	Subtest 2	19.11	19.18	19.09	20.50
	Subtest 3	18.66	18.66	18.71	20.00
	Subtest 4	18.64	18.73	18.65	20.00
HSUPA	Subtest 1	18.17	18.25	18.18	19.50
	Subtest 2	16.22	16.20	16.16	17.50
	Subtest 3	17.22	17.22	17.13	18.50
	Subtest 4	16.24	16.24	16.15	17.50
	Subtest 5	19.21	19.20	19.23	20.50
DC-HSDPA	Subtest 1	19.14	19.18	19.12	20.50
	Subtest 2	19.05	19.15	19.04	20.50
	Subtest 3	18.63	18.60	18.68	20.00
	Subtest 4	18.61	18.62	18.64	20.00
HSPA+	16QAM	18.22	18.21	18.24	19.50

Table 11 : Conducted Power of WCDMA

**1.4.3 Conducted Power of LTE**

LTE Band 2 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.76	22.75	22.71	24.00	
		1	2	22.86	22.83	22.76	24.00	
		1	5	22.84	22.85	22.81	24.00	
		3	0	22.82	22.82	22.81	24.00	
		3	2	22.86	22.89	22.81	24.00	
		3	3	22.83	22.84	22.96	24.00	
	16QAM	6	0	21.92	21.83	21.80	23.00	
		1	0	22.00	22.19	22.40	23.00	
		1	2	22.25	22.10	22.07	23.00	
		1	5	22.01	22.01	21.98	23.00	
		3	0	21.96	21.84	21.84	23.00	
		3	2	22.03	22.02	21.81	23.00	
	64QAM	3	3	21.99	21.92	21.95	23.00	
		6	0	20.95	20.94	20.84	22.00	
		1	0	21.61	21.33	21.40	22.00	
		1	2	21.66	21.49	21.27	22.00	
		1	5	21.61	21.56	21.42	22.00	
		3	0	20.48	20.55	20.45	22.00	
	3	2	21.45	21.49	21.35	22.00		
	3	3	21.50	21.63	21.32	22.00		
	6	0	19.79	19.78	19.65	21.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	18615	18900	19185			
			1	0	22.98	22.89	22.88	24.00
1			7	22.92	23.04	22.88	24.00	
1			14	22.93	22.95	22.80	24.00	
8			0	21.94	21.92	21.95	23.00	
8			4	22.00	21.94	22.00	23.00	
16QAM		8	7	22.00	21.92	21.93	23.00	
		15	0	21.94	21.92	21.94	23.00	
		1	0	21.92	22.03	22.43	23.00	
		1	7	22.09	22.06	22.07	23.00	
		1	14	22.09	22.42	22.11	23.00	
		8	0	21.07	21.00	21.06	22.00	
64QAM		8	4	21.14	21.16	21.11	22.00	
		8	7	21.13	21.03	21.02	22.00	
		15	0	21.08	21.12	20.94	22.00	
		1	0	20.54	20.56	20.63	22.00	
		1	7	20.65	20.72	20.59	22.00	
		1	14	20.62	20.60	20.58	22.00	
	8	0	19.76	19.76	19.82	21.00		
	8	4	19.91	19.95	19.91	21.00		
	8	7	19.83	19.83	19.75	21.00		
	15	0	19.90	19.82	19.76	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.97	22.75	22.84	24.00
		1	13	22.94	23.02	23.03	24.00
		1	24	22.99	23.06	22.99	24.00
		12	0	21.94	21.97	21.93	23.00
		12	6	21.98	21.99	21.97	23.00
		12	13	21.96	21.96	21.97	23.00
		25	0	21.93	21.94	21.99	23.00
	16QAM	1	0	22.09	22.16	22.13	23.00
		1	13	22.14	22.15	22.14	23.00
		1	24	22.09	22.05	22.14	23.00
		12	0	21.00	20.92	21.01	22.00
		12	6	21.00	20.99	21.07	22.00
		12	13	21.07	20.98	21.07	22.00
		25	0	21.00	20.93	20.98	22.00
	64QAM	1	0	20.46	20.44	20.50	22.00
		1	13	20.53	20.49	20.59	22.00
		1	24	20.65	20.49	20.59	22.00
		12	0	19.65	19.63	19.82	21.00
		12	6	19.73	19.76	19.92	21.00
		12	13	19.82	19.75	19.88	21.00
		25	0	19.83	19.58	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.85	22.88	22.89	24.00
		1	25	22.92	22.72	<b>23.08</b>	24.00
		1	49	22.88	22.74	22.82	24.00
		25	0	21.90	21.86	21.87	23.00
		25	13	22.01	22.01	22.01	23.00
		25	25	21.98	22.00	22.00	23.00
		50	0	21.96	22.00	21.94	23.00
	16QAM	1	0	22.37	22.01	22.02	23.00
		1	25	21.84	22.23	22.18	23.00
		1	49	22.13	21.89	22.20	23.00
		25	0	21.05	20.94	20.91	22.00
		25	13	20.93	20.94	20.89	22.00
		25	25	20.99	20.84	21.05	22.00
		50	0	20.97	20.87	20.93	22.00
	64QAM	1	0	20.59	20.55	20.42	22.00
		1	25	20.49	20.53	20.42	22.00
		1	49	20.54	20.44	20.53	22.00
		25	0	19.81	19.71	19.71	21.00
		25	13	19.66	19.77	19.74	21.00
		25	25	19.69	19.52	19.81	21.00
		50	0	19.74	19.67	19.78	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.87	22.91	22.87	24.00
		1	38	22.70	22.86	22.83	24.00
		1	74	22.76	22.82	22.87	24.00
		36	0	21.95	21.89	21.86	23.00
		36	18	22.00	21.99	21.94	23.00
		36	39	21.99	22.02	22.03	23.00
		75	0	21.96	21.97	21.92	23.00
	16QAM	1	0	22.06	22.19	21.84	23.00
		1	38	21.81	21.92	21.92	23.00
		1	74	21.80	21.88	21.83	23.00
		36	0	20.98	20.95	20.95	22.00
		36	18	20.91	20.99	20.91	22.00
		36	39	20.97	20.91	21.02	22.00
		75	0	21.03	20.92	20.98	22.00
	64QAM	1	0	20.63	20.50	20.51	22.00
		1	38	20.41	20.60	20.42	22.00
		1	74	20.56	20.45	20.51	22.00
		36	0	19.75	19.80	19.68	21.00
		36	18	19.76	19.79	19.70	21.00
		36	39	19.73	19.66	19.67	21.00
		75	0	19.74	19.76	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.91	<b>22.92</b>	22.80	24.00
		1	50	22.82	22.72	22.80	24.00
		1	99	22.75	22.77	22.80	24.00
		50	0	21.87	21.93	21.84	23.00
		50	25	<b>22.00</b>	21.96	21.98	23.00
		50	50	21.91	21.90	21.97	23.00
		100	0	21.93	21.95	21.95	23.00
	16QAM	1	0	22.27	21.98	22.15	23.00
		1	50	21.81	21.97	21.85	23.00
		1	99	21.81	21.92	21.82	23.00
		50	0	20.83	20.94	20.95	22.00
		50	25	20.96	20.98	21.03	22.00
		50	50	20.97	20.93	21.10	22.00
		100	0	20.93	20.97	21.08	22.00
	64QAM	1	0	20.40	20.41	20.59	22.00
		1	50	20.54	20.56	20.53	22.00
		1	99	20.53	20.47	20.66	22.00
		50	0	19.61	19.62	19.71	21.00
		50	25	19.61	19.77	19.84	21.00
		50	50	19.74	19.64	19.81	21.00
		100	0	19.71	19.81	19.87	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.91	<b>22.92</b>	22.80	24.00
		1	50	22.82	22.72	22.80	24.00
		1	99	22.75	22.77	22.80	24.00
		50	0	21.87	21.93	21.84	23.00
		50	25	<b>22.00</b>	21.96	21.98	23.00
		50	50	21.91	21.90	21.97	23.00
		100	0	21.93	21.95	21.95	23.00
	16QAM	1	0	22.27	21.98	22.15	23.00
		1	50	21.81	21.97	21.85	23.00
		1	99	21.81	21.92	21.82	23.00
		50	0	20.83	20.94	20.95	22.00
		50	25	20.96	20.98	21.03	22.00
		50	50	20.97	20.93	21.10	22.00
		100	0	20.93	20.97	21.08	22.00
	64QAM	1	0	20.40	20.41	20.59	22.00
		1	50	20.54	20.56	20.53	22.00
		1	99	20.53	20.47	20.66	22.00
		50	0	19.61	19.62	19.71	21.00
		50	25	19.61	19.77	19.84	21.00
		50	50	19.74	19.64	19.81	21.00
		100	0	19.71	19.81	19.87	21.00

LTE Band 2 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.31	20.17	20.16	21.50	
		1	2	20.30	20.31	20.26	21.50	
		1	5	20.31	20.35	20.26	21.50	
		3	0	20.34	20.24	20.25	21.50	
		3	2	20.43	20.38	20.30	21.50	
		3	3	20.28	20.34	20.29	21.50	
	16QAM	6	0	20.38	20.34	20.40	21.50	
		1	0	20.42	20.32	20.35	21.50	
		1	2	20.36	20.49	20.31	21.50	
		1	5	20.24	20.41	20.70	21.50	
		3	0	20.31	20.26	20.24	21.50	
		3	2	20.43	20.28	20.26	21.50	
	64QAM	3	3	20.21	20.25	20.42	21.50	
		6	0	20.48	20.65	20.50	21.50	
		1	0	20.12	20.01	20.07	21.50	
		1	2	20.22	20.10	20.01	21.50	
		1	5	19.98	20.09	20.24	21.50	
		3	0	20.31	20.40	20.31	21.50	
	3MHz	QPSK	3	2	20.41	20.47	20.19	21.50
			3	3	20.35	20.29	20.37	21.50
			6	0	19.79	19.78	19.65	21.00
1			0	20.38	20.28	20.32	21.50	
1			7	20.39	20.42	20.33	21.50	
1			14	20.31	20.36	20.31	21.50	
16QAM		8	0	20.38	20.38	20.44	21.50	
		8	4	20.42	20.46	20.49	21.50	
		8	7	20.44	20.36	20.43	21.50	
	15	0	20.37	20.42	20.42	21.50		
	1	0	20.46	20.37	20.39	21.50		
	1	7	20.36	20.29	20.52	21.50		
64QAM	1	14	20.47	20.44	20.65	21.50		
	8	0	20.43	20.49	20.58	21.50		
	8	4	20.50	20.42	20.78	21.50		
	8	7	20.45	20.39	20.41	21.50		
	15	0	20.52	20.33	20.43	21.50		
	1	0	19.93	19.84	20.02	21.50		
3MHz	64QAM	1	7	19.82	19.76	20.15	21.50	
		1	14	20.05	19.95	20.27	21.50	
		8	0	19.76	19.76	19.82	21.00	
		8	4	19.91	19.95	19.91	21.00	
		8	7	19.83	19.83	19.75	21.00	
		15	0	19.90	19.82	19.76	21.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	20.28	20.22	20.35	21.50	
		1	13	20.41	20.31	20.26	21.50	
		1	24	20.39	20.32	20.40	21.50	
		12	0	20.39	20.37	20.36	21.50	
		12	6	20.41	20.45	20.48	21.50	
		12	13	20.48	20.38	20.51	21.50	
	16QAM	25	0	20.35	20.35	20.40	21.50	
		1	0	20.32	20.29	<b>20.87</b>	21.50	
		1	13	20.45	20.49	20.41	21.50	
		1	24	20.42	20.47	20.38	21.50	
		12	0	20.45	20.42	20.46	21.50	
		12	6	20.48	20.40	20.52	21.50	
	64QAM	12	13	20.48	20.40	20.46	21.50	
		25	0	20.43	20.46	20.54	21.50	
		1	0	19.79	19.74	20.39	21.50	
		1	13	20.06	19.98	19.97	21.50	
		1	24	19.92	19.93	20.01	21.50	
		12	0	19.65	19.63	19.82	21.00	
	10MHz	QPSK	12	6	19.73	19.76	19.92	21.00
			12	13	19.82	19.75	19.88	21.00
			12	13	19.82	19.75	19.88	21.00
25			0	19.83	19.58	19.79	21.00	
1			0	20.34	20.36	20.39	21.50	
1			25	20.23	20.24	20.24	21.50	
16QAM		1	49	20.21	20.33	20.28	21.50	
		25	0	20.39	20.36	20.40	21.50	
		25	13	20.42	20.47	20.43	21.50	
		25	25	20.42	20.47	20.51	21.50	
		50	0	20.37	20.49	20.41	21.50	
		1	0	20.62	20.39	20.27	21.50	
64QAM	1	25	20.75	20.47	20.51	21.50		
	1	49	20.24	20.25	20.37	21.50		
	25	0	20.39	20.28	20.41	21.50		
	25	13	20.50	20.53	20.46	21.50		
	25	25	20.45	20.52	20.43	21.50		
	50	0	20.51	20.48	20.34	21.50		
10MHz	64QAM	1	0	20.13	19.91	19.74	21.50	
		1	25	20.29	20.07	19.96	21.50	
		1	49	19.81	19.78	19.90	21.50	
		25	0	19.81	19.71	19.71	21.00	
		25	13	19.66	19.77	19.74	21.00	
		25	25	19.69	19.52	19.81	21.00	
10MHz	64QAM	50	0	19.74	19.67	19.78	21.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	20.24	20.39	20.30	21.50	
		1	38	20.37	20.29	20.33	21.50	
		1	74	20.23	20.36	20.34	21.50	
		36	0	20.36	20.39	20.41	21.50	
		36	18	20.38	20.44	20.38	21.50	
		36	39	20.50	20.37	20.48	21.50	
	16QAM	75	0	20.41	20.36	20.37	21.50	
		1	0	20.29	20.42	20.70	21.50	
		1	38	20.40	20.34	20.19	21.50	
		1	74	20.30	20.41	20.45	21.50	
		36	0	20.44	20.35	20.39	21.50	
		36	18	20.47	20.42	20.43	21.50	
	64QAM	36	39	20.48	20.45	20.43	21.50	
		75	0	20.42	20.37	20.41	21.50	
		1	0	19.77	20.06	20.29	21.50	
		1	38	19.87	19.99	19.81	21.50	
		1	74	19.83	20.05	20.10	21.50	
		36	0	19.75	19.80	19.68	21.00	
	20MHz	QPSK	36	18	19.76	19.79	19.70	21.00
			36	39	19.73	19.66	19.67	21.00
			36	0	19.74	19.76	19.70	21.00
100			0	19.74	19.76	19.70	21.00	
1			0	20.33	20.31	20.30	21.50	
1			50	<b>20.46</b>	20.33	20.41	21.50	
16QAM		1	99	20.25	20.30	20.26	21.50	
		50	0	20.37	20.37	20.38	21.50	
		50	25	20.37	20.44	20.45	21.50	
		50	50	<b>20.53</b>	20.52	20.35	21.50	
		100	0	20.41	20.44	20.54	21.50	
		1	0	20.27	20.53	<b>20.87</b>	21.50	
64QAM	1	50	20.28	20.85	20.55	21.50		
	1	99	20.25	20.62	20.49	21.50		
	50	0	20.37	20.43	20.35	21.50		
	50	25	20.52	20.48	20.50	21.50		
	50	50	20.53	20.47	20.60	21.50		
	100	0	20.45	20.46	20.40	21.50		
20MHz	64QAM	1	0	19.92	20.02	20.36	21.50	
		1	50	19.90	20.45	20.15	21.50	
		1	99	19.74	20.14	20.09	21.50	
		50	0	19.61	19.62	19.71	21.00	
		50	25	19.61	19.77	19.84	21.00	
		50	50	19.74	19.64	19.81	21.00	
20MHz	64QAM	100	0	19.71	19.81	19.87	21.00	

LTE Band 4 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz		1	0	23.11	23.10	23.03	24.50
		1	2	23.09	23.18	23.18	24.50
		1	5	23.16	23.13	23.09	24.50
		3	0	23.14	23.12	23.13	24.50
		3	2	23.17	23.20	23.11	24.50
		3	3	23.13	23.14	23.09	24.50
		6	0	22.18	22.25	22.12	23.50
	16QAM	1	0	22.25	22.25	22.32	23.50
		1	2	22.74	22.41	22.30	23.50
		1	5	22.73	22.49	22.24	23.50
		3	0	22.24	22.25	22.20	23.50
		3	2	22.25	22.29	22.31	23.50
		3	3	22.29	22.25	22.14	23.50
		6	0	21.25	21.36	21.17	22.50
	64QAM	1	0	21.36	21.30	21.51	22.50
		1	2	21.41	21.53	21.38	22.50
		1	5	21.39	21.70	21.34	22.50
		3	0	21.41	21.50	21.30	22.50
		3	2	21.48	21.34	21.36	22.50
		3	3	21.35	21.43	21.29	22.50
		6	0	20.07	20.15	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.27	23.23	23.14	24.50
		1	7	23.26	23.28	23.34	24.50
		1	14	23.26	23.27	23.25	24.50
		8	0	22.34	22.24	22.22	23.50
		8	4	22.34	22.35	22.25	23.50
		8	7	22.29	22.29	22.28	23.50
		15	0	22.34	22.29	22.28	23.50
	16QAM	1	0	22.45	22.66	22.36	23.50
		1	7	22.33	22.34	22.36	23.50
		1	14	22.54	22.78	22.38	23.50
		8	0	21.40	21.31	21.24	22.50
		8	4	21.39	21.46	21.44	22.50
		8	7	21.38	21.41	21.33	22.50
		15	0	21.50	21.30	21.39	22.50
	64QAM	1	0	21.11	21.01	20.87	22.50
		1	7	21.00	21.17	21.18	22.50
		1	14	21.13	20.97	20.89	22.50
		8	0	20.24	20.09	19.97	21.50
		8	4	20.18	20.24	20.11	21.50
		8	7	20.19	20.24	20.11	21.50
		15	0	20.21	20.05	20.24	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	23.13	23.13	23.17	24.50	
		1	13	23.30	23.33	23.28	24.50	
		1	24	23.29	23.23	23.35	24.50	
		12	0	22.37	22.25	22.27	23.50	
		12	6	22.36	22.25	22.31	23.50	
		12	13	22.36	22.34	22.24	23.50	
	16QAM	25	0	22.27	22.32	22.30	23.50	
		1	0	22.17	22.30	22.68	23.50	
		1	13	22.46	22.42	22.40	23.50	
		1	24	22.50	22.41	22.43	23.50	
		12	0	21.36	21.29	21.37	22.50	
		12	6	21.34	21.29	21.33	22.50	
	64QAM	12	13	21.38	21.30	21.34	22.50	
		25	0	21.39	21.43	21.36	22.50	
		1	0	21.10	20.87	21.09	22.50	
		1	13	20.94	20.96	21.00	22.50	
		1	24	21.00	20.87	20.99	22.50	
		12	0	20.20	19.99	20.08	21.50	
	10MHz	QPSK	12	6	20.17	20.06	20.08	21.50
			12	13	20.13	20.14	20.07	21.50
			25	0	20.15	20.25	20.05	21.50
1			0	22.99	23.24	23.08	24.50	
1			25	23.25	23.21	23.22	24.50	
1			49	23.28	23.09	23.23	24.50	
16QAM		25	0	22.33	22.22	22.22	23.50	
		25	13	22.31	22.31	22.30	23.50	
		25	25	22.29	22.33	22.27	23.50	
		50	0	22.40	22.38	22.25	23.50	
		1	0	22.29	22.60	22.28	23.50	
		1	25	22.51	22.31	22.21	23.50	
64QAM	1	49	22.45	22.36	22.23	23.50		
	25	0	21.39	21.30	21.15	22.50		
	25	13	21.42	21.34	21.18	22.50		
	25	25	21.21	21.31	21.43	22.50		
	50	0	21.30	21.37	21.35	22.50		
	1	0	21.06	20.86	20.82	22.50		
10MHz	64QAM	1	25	21.14	20.90	20.73	22.50	
		1	49	20.87	20.89	21.02	22.50	
		25	0	20.10	20.09	19.87	21.50	
		25	13	20.17	20.17	19.93	21.50	
		25	25	19.89	20.06	20.08	21.50	
		50	0	19.96	20.03	20.20	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	23.10	23.22	23.32	24.50	
		1	38	23.12	23.13	23.08	24.50	
		1	74	23.07	22.99	23.12	24.50	
		36	0	22.25	22.27	22.29	23.50	
		36	18	22.30	22.25	22.25	23.50	
		36	39	22.28	22.20	22.11	23.50	
	16QAM	75	0	22.32	22.25	22.16	23.50	
		1	0	22.07	22.26	22.12	23.50	
		1	38	22.70	22.11	22.29	23.50	
		1	74	22.22	22.40	22.15	23.50	
		36	0	21.31	21.28	21.27	22.50	
		36	18	21.29	21.16	21.29	22.50	
	64QAM	36	39	21.25	21.29	21.29	22.50	
		75	0	21.20	21.34	21.33	22.50	
		1	0	21.00	20.94	20.93	22.50	
		1	38	20.93	20.85	20.88	22.50	
		1	74	20.82	20.96	20.90	22.50	
		36	0	20.01	19.93	19.92	21.50	
	20MHz	QPSK	36	18	20.03	19.81	20.13	21.50
			36	39	19.96	19.96	19.97	21.50
			75	0	20.00	20.19	20.11	21.50
1			0	23.16	<b>23.40</b>	23.39	24.50	
1			50	23.00	22.84	23.09	24.50	
1			99	23.04	23.09	23.00	24.50	
16QAM		50	0	22.28	22.34	22.34	23.50	
		50	25	22.30	<b>22.35</b>	22.15	23.50	
		50	50	22.30	22.24	22.24	23.50	
		100	0	22.37	22.32	22.20	23.50	
		1	0	22.27	22.30	22.30	23.50	
		1	50	22.70	22.55	22.34	23.50	
64QAM	1	99	22.04	22.24	22.21	23.50		
	50	0	21.38	21.39	21.36	22.50		
	50	25	21.38	21.30	21.22	22.50		
	50	50	21.27	21.29	21.30	22.50		
	100	0	21.31	21.35	21.21	22.50		
	1	0	20.95	21.09	21.04	22.50		
64QAM	1	50	21.13	20.89	20.90	22.50		
	1	99	20.83	20.99	20.86	22.50		
	50	0	20.20	20.14	20.11	21.50		
	50	25	20.15	19.97	19.95	21.50		
	50	50	19.96	20.10	20.04	21.50		
	100	0	20.08	20.14	20.04	21.50		

LTE Band 4 Receiver off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.50	19.38	19.49	21.00	
		1	2	19.60	19.59	19.57	21.00	
		1	5	19.48	19.51	19.60	21.00	
		3	0	19.59	19.56	19.52	21.00	
		3	2	19.55	19.58	19.64	21.00	
		3	3	19.59	19.51	19.60	21.00	
	16QAM	6	0	19.61	19.65	19.67	21.00	
		1	0	19.60	19.53	19.66	21.00	
		1	2	19.67	19.76	19.93	21.00	
		1	5	19.75	19.57	19.74	21.00	
		3	0	19.70	19.68	19.80	21.00	
		3	2	19.56	19.51	19.84	21.00	
	64QAM	3	3	19.49	19.52	19.75	21.00	
		6	0	19.62	19.64	19.69	21.00	
		1	0	19.59	19.45	19.77	21.00	
		1	2	19.62	19.31	19.56	21.00	
		1	5	19.60	19.89	19.58	21.00	
		3	0	19.61	19.77	19.56	21.00	
	3MHz	QPSK	3	2	19.76	19.64	19.50	21.00
			3	3	19.61	19.64	19.50	21.00
			6	0	19.36	19.50	19.33	21.00
1			0	19.68	19.55	19.64	21.00	
1			7	19.68	19.50	19.75	21.00	
1			14	19.68	19.55	19.69	21.00	
16QAM		8	0	19.70	19.57	19.73	21.00	
		8	4	19.75	19.68	19.77	21.00	
		8	7	19.73	19.71	19.78	21.00	
		15	0	19.61	19.72	19.68	21.00	
		1	0	19.51	19.63	19.74	21.00	
		1	7	19.62	19.60	19.65	21.00	
64QAM		1	14	19.79	19.67	19.64	21.00	
		8	0	19.69	19.58	19.65	21.00	
		8	4	19.75	19.67	19.84	21.00	
	8	7	19.63	19.63	19.75	21.00		
	15	0	19.64	19.61	19.69	21.00		
	1	0	19.70	19.53	19.38	21.00		
64QAM	1	7	19.51	19.63	19.80	21.00		
	1	14	19.75	19.46	19.48	21.00		
	8	0	19.50	19.35	19.27	21.00		
	8	4	19.51	19.57	19.39	21.00		
	8	7	19.54	19.57	19.43	21.00		
	15	0	19.50	19.30	19.51	21.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.50	19.53	19.63	21.00
		1	13	19.63	19.62	19.62	21.00
		1	24	19.68	19.62	19.58	21.00
		12	0	19.62	19.62	19.74	21.00
		12	6	19.75	19.67	19.77	21.00
		12	13	19.69	19.67	19.74	21.00
		25	0	19.79	19.67	19.72	21.00
	16QAM	1	0	19.54	20.03	19.64	21.00
		1	13	19.60	19.61	19.67	21.00
		1	24	19.78	19.86	20.01	21.00
		12	0	19.72	19.61	19.74	21.00
		12	6	19.70	19.69	19.79	21.00
		12	13	19.68	19.68	19.73	21.00
		25	0	19.74	19.69	19.66	21.00
	64QAM	1	0	19.60	19.42	19.64	21.00
		1	13	19.58	19.56	19.61	21.00
		1	24	19.51	19.45	19.48	21.00
		12	0	19.51	19.28	19.33	21.00
		12	6	19.44	19.37	19.33	21.00
		12	13	19.40	19.49	19.36	21.00
		25	0	19.45	19.60	19.37	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.54	19.49	19.45	21.00
		1	25	19.48	19.65	19.75	21.00
		1	49	19.55	19.63	19.70	21.00
		25	0	19.60	19.61	19.61	21.00
		25	13	19.72	19.64	19.71	21.00
		25	25	19.67	19.63	19.80	21.00
		50	0	19.75	19.65	19.71	21.00
	16QAM	1	0	19.89	19.65	19.79	21.00
		1	25	19.47	19.52	19.82	21.00
		1	49	19.80	19.46	19.63	21.00
		25	0	19.76	19.58	19.73	21.00
		25	13	19.71	19.77	19.73	21.00
		25	25	19.72	19.64	19.81	21.00
		50	0	19.66	19.73	19.78	21.00
	64QAM	1	0	19.63	19.33	19.38	21.00
		1	25	19.69	19.54	19.22	21.00
		1	49	19.38	19.36	19.52	21.00
		25	0	19.38	19.44	19.14	21.00
		25	13	19.44	19.48	19.26	21.00
		25	25	19.24	19.41	19.38	21.00
		50	0	19.21	19.32	19.45	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.69	19.56	19.33	21.00
		1	38	19.47	19.45	19.47	21.00
		1	74	19.50	19.59	19.40	21.00
		36	0	19.72	19.66	19.72	21.00
		36	18	19.69	19.60	19.70	21.00
		36	39	19.67	19.65	19.61	21.00
		75	0	19.65	19.65	19.56	21.00
	16QAM	1	0	19.79	19.90	19.71	21.00
		1	38	20.05	19.36	19.40	21.00
		1	74	19.59	19.43	19.32	21.00
		36	0	19.82	19.70	19.62	21.00
		36	18	19.72	19.56	19.66	21.00
		36	39	19.62	19.59	19.63	21.00
		75	0	19.63	19.72	19.63	21.00
	64QAM	1	0	19.48	19.55	19.53	21.00
		1	38	19.58	19.33	19.45	21.00
		1	74	19.29	19.55	19.49	21.00
		36	0	19.32	19.19	19.24	21.00
		36	18	19.28	19.10	19.41	21.00
		36	39	19.23	19.25	19.32	21.00
		75	0	19.35	19.45	19.37	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>19.68</b>	19.58	19.56	21.00
		1	50	19.67	19.56	19.39	21.00
		1	99	19.48	19.44	19.53	21.00
		50	0	19.63	19.63	19.67	21.00
		50	25	<b>19.73</b>	19.72	19.61	21.00
		50	50	19.61	19.57	19.62	21.00
		100	0	19.67	19.70	19.52	21.00
	16QAM	1	0	<b>20.06</b>	20.01	19.90	21.00
		1	50	19.78	19.45	19.73	21.00
		1	99	19.71	19.33	19.63	21.00
		50	0	19.63	19.68	19.75	21.00
		50	25	19.71	19.69	19.56	21.00
		50	50	19.69	19.67	19.61	21.00
		100	0	19.61	19.67	19.63	21.00
	64QAM	1	0	19.40	19.58	19.64	21.00
		1	50	19.72	19.47	19.38	21.00
		1	99	19.41	19.53	19.37	21.00
		50	0	19.51	19.41	19.45	21.00
		50	25	19.45	19.31	19.24	21.00
		50	50	19.29	19.40	19.38	21.00
		100	0	19.33	19.49	19.33	21.00

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.12	23.07	23.02	24.00
		1	13	23.14	23.11	23.12	24.00
		1	24	23.13	23.13	23.10	24.00
		12	0	22.15	22.09	22.15	23.00
		12	6	22.14	22.07	22.17	23.00
		12	13	22.19	22.09	22.14	23.00
		25	0	22.14	22.05	22.15	23.00
	16QAM	1	0	22.21	22.14	22.28	23.00
		1	13	22.27	22.31	22.60	23.00
		1	24	22.27	22.26	22.24	23.00
		12	0	21.22	21.13	21.21	22.00
		12	6	21.23	21.13	21.19	22.00
		12	13	21.09	21.23	21.19	22.00
		25	0	21.26	20.99	21.22	22.00
	64QAM	1	0	21.05	20.86	20.94	22.00
		1	13	21.00	21.11	21.25	22.00
		1	24	20.97	20.95	20.95	22.00
		12	0	19.85	19.74	19.86	21.00
		12	6	19.88	19.69	19.84	21.00
		12	13	19.71	19.83	19.75	21.00
		25	0	19.91	19.60	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.01	23.01	23.01	24.00
		1	25	22.89	22.82	22.87	24.00
		1	49	23.01	22.97	23.14	24.00
		25	0	22.14	21.97	22.15	23.00
		25	13	22.22	22.08	22.11	23.00
		25	25	22.12	22.09	22.12	23.00
		50	0	22.19	22.17	22.13	23.00
	16QAM	1	0	21.97	22.29	22.18	23.00
		1	25	22.17	22.28	22.25	23.00
		1	49	22.43	21.99	22.08	23.00
		25	0	21.08	21.14	21.07	22.00
		25	13	21.19	21.09	21.23	22.00
		25	25	21.23	21.19	21.27	22.00
		50	0	21.18	21.10	21.13	22.00
	64QAM	1	0	20.67	21.13	20.90	22.00
		1	25	20.97	21.08	20.94	22.00
		1	49	21.15	20.72	20.83	22.00
		25	0	19.72	19.69	19.66	21.00
		25	13	19.82	19.72	19.82	21.00
		25	25	19.80	19.82	19.88	21.00
		50	0	19.81	19.69	19.70	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.94	22.93	22.92	24.00
		1	38	22.91	23.01	23.08	24.00
		1	74	23.04	23.06	23.06	24.00
		36	0	22.09	22.03	21.92	23.00
		36	18	22.12	22.12	22.14	23.00
		36	39	22.16	22.15	22.15	23.00
		75	0	22.10	22.11	21.98	23.00
	16QAM	1	0	22.04	21.83	21.96	23.00
		1	38	22.38	22.01	22.29	23.00
		1	74	22.10	22.13	22.00	23.00
		36	0	21.18	21.02	20.97	22.00
		36	18	21.13	21.15	21.11	22.00
		36	39	21.11	21.13	21.28	22.00
		75	0	21.14	21.04	21.13	22.00
	64QAM	1	0	20.89	20.60	20.69	22.00
		1	38	21.05	20.72	21.02	22.00
		1	74	20.89	20.79	20.82	22.00
		36	0	19.75	19.67	19.57	21.00
		36	18	19.73	19.71	19.76	21.00
		36	39	19.69	19.75	19.92	21.00
		75	0	19.77	19.66	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>23.15</b>	23.02	22.95	24.00
		1	50	23.10	22.92	22.78	24.00
		1	99	23.13	23.10	23.07	24.00
		50	0	<b>22.20</b>	22.04	22.02	23.00
		50	25	22.16	22.01	22.12	23.00
		50	50	22.16	22.10	22.16	23.00
		100	0	22.21	22.04	22.11	23.00
	16QAM	1	0	21.96	22.00	22.44	23.00
		1	50	21.95	22.09	22.05	23.00
		1	99	22.09	22.15	22.07	23.00
		50	0	21.16	20.89	21.08	22.00
		50	25	21.19	21.14	21.07	22.00
		50	50	21.11	21.28	21.16	22.00
		100	0	21.14	20.96	21.17	22.00
	64QAM	1	0	20.76	20.77	21.19	22.00
		1	50	20.75	20.84	20.85	22.00
		1	99	20.74	20.83	20.90	22.00
		50	0	19.71	19.52	19.67	21.00
		50	25	19.84	19.74	19.64	21.00
		50	50	19.74	19.87	19.81	21.00
		100	0	19.78	19.57	19.82	21.00

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.96	18.83	18.99	20.00
		1	13	18.91	19.07	19.06	20.00
		1	24	18.99	18.99	19.06	20.00
		12	0	19.07	19.01	19.12	20.00
		12	6	19.09	19.00	19.08	20.00
		12	13	19.10	19.10	19.16	20.00
		25	0	19.08	19.00	19.13	20.00
	16QAM	1	0	19.17	19.12	19.19	20.00
		1	13	19.18	19.03	19.20	20.00
		1	24	19.07	19.07	19.17	20.00
		12	0	19.06	19.08	19.19	20.00
		12	6	19.17	19.00	19.16	20.00
		12	13	19.17	19.15	19.16	20.00
		25	0	19.09	19.08	19.19	20.00
	64QAM	1	0	19.04	19.00	18.95	20.00
		1	13	19.04	19.07	19.20	20.00
		1	24	19.06	18.92	19.02	20.00
		12	0	18.78	18.63	18.74	20.00
		12	6	18.90	18.62	18.85	20.00
		12	13	18.65	18.75	18.78	20.00
		25	0	18.77	18.46	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.03	18.77	18.86	20.00
		1	25	18.90	18.75	18.82	20.00
		1	49	18.86	19.04	18.94	20.00
		25	0	19.13	19.00	19.08	20.00
		25	13	19.18	19.11	19.10	20.00
		25	25	19.21	19.07	19.09	20.00
		50	0	19.13	19.05	19.10	20.00
	16QAM	1	0	18.96	19.14	18.94	20.00
		1	25	19.12	19.03	19.16	20.00
		1	49	19.15	19.19	19.00	20.00
		25	0	19.03	18.96	19.04	20.00
		25	13	19.08	19.11	19.12	20.00
		25	25	19.16	19.21	19.13	20.00
		50	0	19.10	19.03	19.07	20.00
	64QAM	1	0	18.80	19.16	18.95	20.00
		1	25	19.08	19.10	19.02	20.00
		1	49	19.19	18.67	18.79	20.00
		25	0	18.75	18.57	18.51	20.00
		25	13	18.71	18.60	18.84	20.00
		25	25	18.75	18.82	18.79	20.00
		50	0	18.83	18.61	18.72	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.00	18.92	18.84	20.00
		1	38	19.10	18.89	18.99	20.00
		1	74	19.08	19.05	19.07	20.00
		36	0	19.13	19.08	19.00	20.00
		36	18	19.18	19.09	19.15	20.00
		36	39	19.10	19.12	19.15	20.00
		75	0	19.12	18.97	19.01	20.00
	16QAM	1	0	18.99	18.87	18.86	20.00
		1	38	18.85	19.02	19.01	20.00
		1	74	18.99	19.18	19.11	20.00
		36	0	19.16	18.88	18.93	20.00
		36	18	19.09	19.06	19.05	20.00
		36	39	19.18	19.12	19.08	20.00
		75	0	19.12	19.09	19.06	20.00
	64QAM	1	0	18.88	18.72	18.71	20.00
		1	38	19.08	18.85	18.99	20.00
		1	74	18.90	18.82	18.85	20.00
		36	0	18.69	18.52	18.44	20.00
		36	18	18.78	18.74	18.62	20.00
		36	39	18.62	18.74	18.83	20.00
		75	0	18.73	18.61	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.93	18.91	18.84	20.00
		1	50	18.99	18.91	18.86	20.00
		1	99	<b>19.18</b>	18.91	19.03	20.00
		50	0	19.29	18.99	19.00	20.00
		50	25	19.19	19.11	19.10	20.00
		50	50	<b>19.30</b>	19.17	19.20	20.00
		100	0	19.19	19.08	19.10	20.00
	16QAM	1	0	18.95	19.14	18.95	20.00
		1	50	18.81	18.97	19.10	20.00
		1	99	19.13	19.02	19.01	20.00
		50	0	19.10	19.10	18.86	20.00
		50	25	19.16	18.98	19.14	20.00
		50	50	19.09	19.14	19.19	20.00
		100	0	19.10	18.94	19.10	20.00
	64QAM	1	0	18.85	18.75	19.13	20.00
		1	50	18.80	18.99	18.86	20.00
		1	99	18.72	18.89	18.85	20.00
		50	0	18.70	18.52	18.64	20.00
		50	25	18.85	18.76	18.58	20.00
		50	50	18.78	18.81	18.86	20.00
		100	0	18.72	18.51	18.71	20.00

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.01	22.98	22.95	24.50	
		1	13	23.04	23.10	23.05	24.50	
		1	24	22.99	23.03	22.96	24.50	
		12	0	22.19	22.12	22.05	23.50	
		12	6	22.18	22.11	22.11	23.50	
		12	13	22.11	22.11	22.05	23.50	
	16QAM	25	0	22.18	22.01	21.96	23.50	
		1	0	22.21	22.27	22.00	23.50	
		1	13	22.19	22.14	22.15	23.50	
		1	24	22.18	22.34	22.24	23.50	
		12	0	21.17	21.11	21.05	22.50	
		12	6	21.12	21.13	21.05	22.50	
	64QAM	12	13	21.13	21.12	21.05	22.50	
		25	0	21.12	21.13	21.05	22.50	
		1	0	21.15	21.21	20.92	22.50	
		1	13	21.12	21.04	21.08	22.50	
		1	24	21.13	21.28	21.19	22.50	
		12	0	20.07	20.01	19.99	21.50	
	10MHz	QPSK	12	6	20.12	20.13	19.95	21.50
			12	13	20.04	20.04	19.97	21.50
			25	0	20.07	20.04	19.99	21.50
1			0	22.96	22.80	22.90	24.50	
1			25	22.88	22.97	22.98	24.50	
1			49	<b>23.13</b>	22.93	22.83	24.50	
16QAM		25	0	22.04	22.09	22.01	23.50	
		25	13	22.14	22.06	22.05	23.50	
		25	25	22.09	22.14	22.11	23.50	
		50	0	22.13	21.99	22.22	23.50	
		1	0	22.11	22.13	22.11	23.50	
		1	25	22.07	22.03	22.05	23.50	
64QAM		1	49	22.13	22.12	22.12	23.50	
		25	0	21.19	21.07	21.01	22.50	
		25	13	21.12	21.02	21.04	22.50	
		25	25	21.20	21.14	21.14	22.50	
		50	0	21.10	21.11	21.13	22.50	
		1	0	21.03	21.05	21.05	22.50	
64QAM		1	25	21.02	20.95	20.99	22.50	
		1	49	21.05	21.07	21.06	22.50	
		25	0	20.12	20.01	19.92	21.50	
	25	13	20.04	19.94	19.99	21.50		
	25	25	20.10	20.07	20.08	21.50		
	50	0	20.03	20.06	20.07	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	22.91	22.94	22.88	24.50	
		1	38	22.91	22.97	22.93	24.50	
		1	74	22.85	22.96	22.84	24.50	
		36	0	22.12	22.07	22.01	23.50	
		36	18	22.17	22.10	21.99	23.50	
		36	39	22.09	22.07	22.05	23.50	
	16QAM	75	0	22.15	22.03	22.00	23.50	
		1	0	22.06	22.04	22.13	23.50	
		1	38	22.17	21.99	22.04	23.50	
		1	74	22.13	22.12	21.96	23.50	
		36	0	20.96	21.08	21.06	22.50	
		36	18	21.09	21.05	21.03	22.50	
	64QAM	36	39	21.04	21.11	21.08	22.50	
		75	0	21.10	20.97	21.00	22.50	
		1	0	20.96	20.96	21.05	22.50	
		1	38	21.07	20.94	20.96	22.50	
		1	74	21.06	21.06	20.87	22.50	
		36	0	19.86	19.99	20.01	21.50	
	20MHz	QPSK	36	18	20.01	19.95	19.95	21.50
			36	39	19.94	20.02	19.99	21.50
			75	0	20.01	19.92	19.95	21.50
1			0	<b>23.06</b>	<b>23.06</b>	22.89	24.50	
1			50	22.90	22.86	22.91	24.50	
1			99	23.00	22.95	22.89	24.50	
16QAM		50	0	22.03	<b>22.18</b>	22.03	23.50	
		50	25	22.13	22.14	22.09	23.50	
		50	50	22.16	22.17	22.15	23.50	
		100	0	22.12	22.07	22.14	23.50	
		1	0	22.20	22.22	22.17	23.50	
		1	50	22.08	22.09	22.08	23.50	
64QAM		1	99	22.12	22.10	21.98	23.50	
		50	0	21.09	21.15	21.13	22.50	
		50	25	21.16	21.13	21.11	22.50	
		50	50	21.20	21.16	21.14	22.50	
		100	0	21.20	21.08	21.19	22.50	
		1	0	21.11	21.14	21.09	22.50	
64QAM		1	50	21.00	20.99	21.02	22.50	
		1	99	21.05	21.03	20.91	22.50	
		50	0	20.01	20.06	20.06	21.50	
	50	25	20.07	20.05	20.04	21.50		
	50	50	20.11	20.10	20.07	21.50		
	100	0	20.12	19.99	20.13	21.50		

LTE Band 41 Receiver on/Receiver off				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	22.82	22.78	22.85	22.99	23.03	24.50	
		1	13	22.84	23.01	23.02	23.16	<b>23.22</b>	24.50	
		1	24	22.80	22.88	22.93	22.96	23.12	24.50	
		12	0	21.98	22.03	22.07	22.03	22.13	23.50	
		12	6	21.98	22.08	22.09	22.07	22.21	23.50	
		12	13	22.03	22.03	22.08	22.12	22.17	23.50	
	16QAM	25	0	21.95	21.94	22.03	22.07	22.17	23.50	
		1	0	22.13	21.97	22.10	22.05	22.30	23.50	
		1	13	22.02	22.12	22.08	22.17	22.23	23.50	
		1	24	22.03	22.09	22.08	22.21	22.25	23.50	
		12	0	20.98	21.05	20.99	21.09	21.15	22.50	
		12	6	20.93	21.12	21.05	21.15	21.17	22.50	
	64QAM	12	13	20.94	21.05	21.08	21.05	21.17	22.50	
		25	0	21.02	21.01	21.13	21.13	21.22	22.50	
		1	0	21.16	20.97	21.10	21.09	21.33	22.50	
		1	13	21.03	21.13	21.11	21.16	21.18	22.50	
		1	24	21.08	21.06	21.12	21.25	21.24	22.50	
		12	0	19.93	20.08	20.04	20.07	20.14	21.50	
	10MHz	QPSK	12	6	19.94	20.13	20.08	20.17	20.21	21.50
			12	13	19.92	20.01	20.10	20.07	20.19	21.50
			25	0	20.05	19.96	20.11	20.18	20.26	21.50
1			0	22.98	22.71	22.75	22.90	22.87	24.50	
1			25	22.82	22.81	22.83	22.93	23.04	24.50	
1			49	22.97	22.96	22.98	22.93	22.83	24.50	
16QAM		25	0	21.97	22.08	21.97	22.04	22.04	23.50	
		25	13	22.02	22.03	22.11	22.12	22.41	23.50	
		25	25	22.06	21.98	22.04	22.08	22.09	23.50	
		50	0	22.14	22.15	22.06	22.16	22.14	23.50	
		1	0	22.12	22.04	21.97	22.18	22.14	23.50	
		1	25	22.11	22.01	22.10	22.25	22.18	23.50	
64QAM		1	49	22.12	22.04	22.06	22.11	22.04	23.50	
		25	0	20.96	20.95	20.97	20.99	21.07	22.50	
		25	13	21.30	21.11	21.09	21.17	21.45	22.50	
	25	25	20.95	21.06	21.10	21.12	21.03	22.50		
	50	0	21.04	21.04	21.13	21.16	21.16	22.50		
	1	0	21.12	21.01	21.01	21.16	21.18	22.50		
64QAM	1	25	21.14	21.06	21.09	21.20	21.22	22.50		
	1	49	21.09	21.07	21.01	21.09	21.06	22.50		
	25	0	19.92	19.94	19.99	20.00	20.03	21.50		
	25	13	20.28	20.14	20.05	20.15	20.40	21.50		
	25	25	19.90	20.06	20.12	20.09	20.02	21.50		
	50	0	19.99	20.00	20.16	20.21	20.14	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.80	22.84	22.86	22.95	23.12	24.50
		1	38	22.85	22.77	22.79	22.86	23.15	24.50
		1	74	22.70	23.00	22.92	23.07	23.20	24.50
		36	0	21.89	21.91	21.93	22.08	22.12	23.50
		36	18	21.97	22.09	21.97	22.03	22.13	23.50
		36	39	21.91	22.04	22.02	22.04	22.19	23.50
		75	0	22.01	22.06	22.03	22.00	22.14	23.50
	16QAM	1	0	22.02	22.08	21.90	22.12	22.31	23.50
		1	38	22.00	22.04	22.02	22.06	22.07	23.50
		1	74	21.97	22.19	22.09	22.26	22.25	23.50
		36	0	20.84	20.95	21.05	21.04	21.01	22.50
		36	18	20.90	20.93	20.95	21.03	21.15	22.50
		36	39	20.97	21.05	21.05	21.09	21.19	22.50
		75	0	21.02	21.03	21.04	21.08	21.06	22.50
	64QAM	1	0	21.00	21.08	20.85	21.15	21.26	22.50
		1	38	21.00	21.08	21.01	21.03	21.04	22.50
		1	74	20.95	21.14	21.10	21.25	21.22	22.50
		36	0	19.84	19.93	20.06	20.06	20.03	21.50
		36	18	19.93	19.98	19.96	19.99	20.14	21.50
		36	39	19.98	20.03	20.10	20.08	20.19	21.50
		75	0	20.06	20.07	20.00	20.13	20.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.77	23.00	<b>23.16</b>	23.02	23.08	24.50
		1	50	22.83	22.79	22.84	22.93	23.00	24.50
		1	99	22.71	22.92	23.01	22.92	23.04	24.50
		50	0	21.95	21.91	22.03	22.05	22.14	23.50
		50	25	21.95	22.07	22.10	22.05	22.16	23.50
		50	50	21.97	21.98	22.02	22.12	<b>22.20</b>	23.50
		100	0	21.99	22.12	22.16	22.07	22.26	23.50
	16QAM	1	0	22.09	21.95	22.04	22.03	22.26	23.50
		1	50	21.86	21.99	22.04	22.02	22.06	23.50
		1	99	21.95	22.08	22.07	21.99	22.15	23.50
		50	0	20.90	21.05	21.06	20.99	21.25	22.50
		50	25	20.90	21.07	21.10	21.02	21.18	22.50
		50	50	21.00	21.06	21.09	21.15	21.10	22.50
		100	0	21.01	21.08	21.13	21.12	21.19	22.50
	64QAM	1	0	21.07	20.97	21.09	21.04	21.26	22.50
		1	50	20.85	20.97	21.03	21.03	21.10	22.50
		1	99	20.99	21.10	21.04	20.96	21.19	22.50
		50	0	19.91	20.00	20.02	19.98	20.23	21.50
		50	25	19.93	20.04	20.14	20.07	20.17	21.50
		50	50	20.03	20.04	20.06	20.19	20.12	21.50
		100	0	20.04	20.05	20.17	20.13	20.21	21.50

LTE Band 41 Receiver off+wifi/BT				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	22.17	22.06	22.11	22.2	22.28	23.50	
		1	13	22.09	22.17	22.27	22.3	22.38	23.50	
		1	24	22.05	22.03	22.14	22.2	22.27	23.50	
		12	0	21.97	22.03	22.07	22.02	22.11	23.50	
		12	6	21.97	22.10	22.07	22.04	22.22	23.50	
		12	13	22.03	22.02	22.10	22.09	22.18	23.50	
	16QAM	25	0	21.98	21.94	22.06	22.05	22.14	23.50	
		1	0	22.11	21.96	22.13	22.06	22.29	23.50	
		1	13	22.04	22.10	22.05	22.18	22.20	23.50	
		1	24	22.03	22.09	22.05	22.22	22.23	23.50	
		12	0	20.95	21.03	20.99	21.06	21.12	22.50	
		12	6	20.94	21.09	21.06	21.17	21.18	22.50	
	64QAM	12	13	20.91	21.03	21.05	21.05	21.20	22.50	
		25	0	21.01	20.99	21.12	21.13	21.20	22.50	
		1	0	21.16	20.99	21.13	21.10	21.35	22.50	
		1	13	21.00	21.13	21.12	21.13	21.19	22.50	
		1	24	21.06	21.08	21.12	21.24	21.22	22.50	
		12	0	19.91	20.10	20.06	20.09	20.13	21.50	
	10MHz	QPSK	12	6	19.94	20.10	20.05	20.19	20.21	21.50
			12	13	19.92	20.03	20.07	20.10	20.19	21.50
			25	0	20.06	19.93	20.12	20.15	20.25	21.50
1			0	21.96	21.94	22.15	22.19	22.28	23.50	
1			25	22.01	21.99	22.04	22.00	22.24	23.50	
1			49	21.95	22.13	22.08	22.22	22.36	23.50	
16QAM		25	0	21.97	22.09	21.98	22.05	22.04	23.50	
		25	13	22.04	22.01	22.08	22.09	<b>22.41</b>	23.50	
		25	25	22.09	21.99	22.03	22.09	22.11	23.50	
		50	0	22.14	22.16	22.07	22.19	22.16	23.50	
		1	0	22.15	22.05	21.97	22.15	22.12	23.50	
		1	25	22.10	22.02	22.09	22.24	22.18	23.50	
64QAM		1	49	22.14	22.03	22.09	22.13	22.05	23.50	
		25	0	20.93	20.95	20.98	21.02	21.06	22.50	
		25	13	21.27	21.09	21.09	21.20	21.48	22.50	
		25	25	20.94	21.06	21.08	21.13	21.00	22.50	
		50	0	21.06	21.04	21.16	21.17	21.19	22.50	
		1	0	21.12	21.02	21.04	21.19	21.20	22.50	
64QAM		1	25	21.13	21.07	21.11	21.23	21.24	22.50	
		1	49	21.12	21.10	21.02	21.06	21.07	22.50	
		25	0	19.91	19.95	19.96	20.03	20.05	21.50	
	25	13	20.31	20.15	20.03	20.14	20.38	21.50		
	25	25	19.93	20.07	20.13	20.07	19.99	21.50		
	50	0	19.97	20.00	20.15	20.20	20.11	21.50		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.97	21.94	22.07	22.08	22.26	23.50
		1	38	21.93	21.98	21.97	22.01	22.16	23.50
		1	74	21.96	22.16	22.10	22.19	22.23	23.50
		36	0	21.87	21.94	21.93	22.09	22.13	23.50
		36	18	21.99	22.10	21.95	22.05	22.12	23.50
		36	39	21.93	22.07	22.04	22.04	22.22	23.50
		75	0	21.98	22.06	22.06	22.02	22.14	23.50
	16QAM	1	0	22.03	22.10	21.88	22.09	22.32	23.50
		1	38	21.97	22.01	22.02	22.07	22.10	23.50
		1	74	21.97	22.20	22.09	22.27	22.23	23.50
		36	0	20.84	20.94	21.05	21.04	21.00	22.50
		36	18	20.93	20.92	20.94	21.01	21.16	22.50
		36	39	20.97	21.02	21.07	21.07	21.18	22.50
		75	0	21.00	21.01	21.04	21.05	21.04	22.50
	64QAM	1	0	21.00	21.11	20.83	21.18	21.28	22.50
		1	38	21.01	21.10	21.01	21.04	21.06	22.50
		1	74	20.93	21.17	21.13	21.22	21.21	22.50
		36	0	19.83	19.96	20.06	20.05	20.05	21.50
		36	18	19.90	19.99	19.95	19.98	20.13	21.50
		36	39	20.01	20.00	20.13	20.05	20.18	21.50
		75	0	20.06	20.08	20.00	20.12	20.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22	22.09	22.25	22.17	<b>22.28</b>	23.50
		1	50	21.92	22.02	22	22.06	22.16	23.50
		1	99	21.96	22.09	22.18	22.22	22.21	23.50
		50	0	21.98	21.90	22.02	22.03	22.11	23.50
		50	25	21.97	22.09	22.07	22.03	22.13	23.50
		50	50	21.99	22.01	21.99	22.11	<b>22.18</b>	23.50
		100	0	22.00	22.09	22.14	22.10	22.25	23.50
	16QAM	1	0	22.07	21.95	22.04	22.02	22.24	23.50
		1	50	21.89	22.02	22.05	21.99	22.07	23.50
		1	99	21.94	22.07	22.10	21.98	22.17	23.50
		50	0	20.90	21.05	21.07	20.99	21.26	22.50
		50	25	20.89	21.06	21.09	20.99	21.19	22.50
		50	50	21.03	21.03	21.08	21.12	21.10	22.50
		100	0	21.02	21.06	21.13	21.12	21.19	22.50
	64QAM	1	0	21.09	20.95	21.08	21.02	21.29	22.50
		1	50	20.88	20.97	21.03	21.06	21.13	22.50
		1	99	20.96	21.08	21.07	20.97	21.18	22.50
		50	0	19.91	20.00	20.01	19.99	20.25	21.50
		50	25	19.96	20.06	20.16	20.08	20.18	21.50
		50	50	20.04	20.07	20.04	20.19	20.12	21.50
		100	0	20.02	20.04	20.19	20.14	20.20	21.50

LTE Band 66 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.23	23.21	23.17	24.50	
		1	2	23.29	23.35	23.15	24.50	
		1	5	23.21	23.26	23.24	24.50	
		3	0	23.07	23.00	23.00	24.50	
		3	1	23.15	23.09	23.14	24.50	
		3	3	23.10	23.08	23.06	24.50	
	16QAM	6	0	22.45	22.35	22.31	23.50	
		1	0	22.30	22.20	22.65	23.50	
		1	2	22.55	22.87	22.47	23.50	
		1	5	22.54	22.54	22.66	23.50	
		3	0	22.22	22.05	22.06	23.50	
		3	1	22.13	22.07	22.06	23.50	
	64QAM	3	3	22.14	22.02	22.04	23.50	
		6	0	21.29	21.40	21.30	22.50	
		1	0	20.91	20.78	21.17	22.50	
		1	2	21.06	21.39	21.08	22.50	
		1	5	21.06	21.15	21.13	22.50	
		3	0	20.88	20.77	20.79	22.50	
	3MHz	QPSK	3	1	20.87	20.72	20.80	22.50
			3	3	20.92	20.72	20.69	22.50
			6	0	20.00	20.06	20.15	21.50
1			0	23.22	23.19	23.20	24.50	
1			7	23.29	23.35	23.15	24.50	
1			14	23.20	23.30	23.26	24.50	
16QAM		8	0	22.33	22.21	22.26	23.50	
		8	4	22.36	22.31	22.37	23.50	
		8	7	22.29	22.29	22.27	23.50	
	15	0	22.43	22.36	22.27	23.50		
	1	0	22.29	22.16	22.71	23.50		
	1	7	22.58	22.91	22.45	23.50		
64QAM	1	14	22.52	22.55	22.63	23.50		
	8	0	21.45	21.28	21.33	22.50		
	8	4	21.37	21.31	21.35	22.50		
	8	7	21.34	21.26	21.29	22.50		
	15	0	21.32	21.36	21.34	22.50		
	1	0	20.78	20.62	21.20	22.50		
64QAM	1	7	21.08	21.39	20.95	22.50		
	1	14	20.99	21.14	21.18	22.50		
	8	0	20.14	20.13	20.13	21.50		
	8	4	20.02	20.04	20.10	21.50		
	8	7	20.05	19.93	20.06	21.50		
	15	0	19.97	20.19	20.19	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.32	23.26	23.28	24.50	
		1	13	23.40	23.40	23.26	24.50	
		1	24	23.28	23.37	23.35	24.50	
		12	0	22.41	22.31	22.35	23.50	
		12	6	22.47	22.42	22.48	23.50	
		12	13	22.40	22.38	22.38	23.50	
	16QAM	25	0	22.51	22.41	22.36	23.50	
		1	0	22.37	22.25	22.76	23.50	
		1	13	22.64	22.97	22.56	23.50	
		1	24	22.61	22.60	22.73	23.50	
		12	0	21.52	21.37	21.40	22.50	
		12	6	21.45	21.41	21.40	22.50	
	64QAM	12	13	21.45	21.34	21.35	22.50	
		25	0	21.40	21.47	21.41	22.50	
		1	0	20.86	20.79	21.32	22.50	
		1	13	21.21	21.49	21.16	22.50	
		1	24	21.06	21.10	21.21	22.50	
		12	0	20.29	20.08	20.07	21.50	
	10MHz	QPSK	12	6	20.15	20.24	20.10	21.50
			12	13	20.16	20.10	20.05	21.50
			25	0	20.24	20.31	20.22	21.50
1			0	23.25	23.20	23.16	24.50	
1			25	23.34	23.34	23.25	24.50	
1			49	23.34	23.12	23.24	24.50	
16QAM		25	0	22.46	22.37	22.33	23.50	
		25	13	22.51	22.37	22.47	23.50	
		25	25	22.52	22.45	22.44	23.50	
		50	0	22.56	22.43	22.43	23.50	
		1	0	22.45	22.67	22.86	23.50	
		1	25	22.51	22.49	22.66	23.50	
64QAM		1	49	22.55	22.46	22.76	23.50	
		25	0	21.39	21.24	21.34	22.50	
		25	13	21.57	21.32	21.28	22.50	
		25	25	21.47	21.36	21.32	22.50	
		50	0	21.42	21.40	21.48	22.50	
		1	0	21.07	21.13	21.40	22.50	
64QAM		1	25	21.14	20.87	21.13	22.50	
		1	49	21.20	20.95	21.34	22.50	
		25	0	20.19	19.99	20.19	21.50	
	25	13	20.39	20.10	20.12	21.50		
	25	25	20.14	20.03	19.99	21.50		
	50	0	20.07	20.05	20.17	21.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.41	23.18	23.30	24.50
		1	38	23.42	23.35	23.32	24.50
		1	74	23.35	23.31	23.17	24.50
		36	0	22.36	22.29	22.34	23.50
		36	18	22.46	22.40	22.40	23.50
		36	39	22.48	22.33	22.41	23.50
		75	0	22.51	22.46	22.43	23.50
	16QAM	1	0	22.73	22.49	22.63	23.50
		1	38	22.43	22.45	23.08	23.50
		1	74	22.99	22.92	22.39	23.50
		36	0	21.44	21.39	21.29	22.50
		36	18	21.53	21.29	21.34	22.50
		36	39	21.55	21.44	21.35	22.50
		75	0	21.45	21.35	21.46	22.50
	64QAM	1	0	21.31	21.12	21.12	22.50
		1	38	20.88	20.91	21.59	22.50
		1	74	21.49	21.42	21.01	22.50
		36	0	20.26	20.13	20.11	21.50
		36	18	20.25	20.13	20.14	21.50
		36	39	20.30	20.26	20.12	21.50
		75	0	20.28	20.10	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	<b>23.51</b>	23.39	23.44	24.50
		1	50	23.14	23.18	23.31	24.50
		1	99	23.25	23.22	23.27	24.50
		50	0	22.42	22.38	22.32	23.50
		50	25	22.44	22.38	<b>22.49</b>	23.50
		50	50	22.36	22.34	22.31	23.50
		100	0	22.46	22.45	22.39	23.50
	16QAM	1	0	22.75	22.43	22.48	23.50
		1	50	22.60	23.05	22.68	23.50
		1	99	22.50	22.79	22.33	23.50
		50	0	21.52	21.37	21.37	22.50
		50	25	21.55	21.42	21.43	22.50
		50	50	21.51	21.41	21.51	22.50
		100	0	21.48	21.33	21.43	22.50
	64QAM	1	0	21.25	20.90	20.97	22.50
		1	50	21.23	21.54	21.31	22.50
		1	99	21.09	21.33	20.84	22.50
		50	0	20.34	20.17	20.02	21.50
		50	25	20.29	20.08	20.10	21.50
		50	50	20.28	20.26	20.35	21.50
		100	0	20.31	19.99	20.21	21.50

LTE Band 66 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.60	19.68	19.80	21.00
		1	2	19.93	19.69	19.67	21.00
		1	5	19.76	19.83	19.76	21.00
		3	0	19.80	19.76	19.75	21.00
		3	1	19.90	19.79	19.85	21.00
		3	3	19.85	19.78	19.82	21.00
		6	0	19.83	19.81	19.77	21.00
	16QAM	1	0	19.58	20.01	20.01	21.00
		1	2	20.01	19.78	19.86	21.00
		1	5	20.10	19.94	19.99	21.00
		3	0	19.87	19.67	19.74	21.00
		3	1	19.96	19.76	19.83	21.00
		3	3	19.96	19.92	19.75	21.00
		6	0	19.91	19.87	19.85	21.00
	64QAM	1	0	19.51	19.91	20.04	21.00
		1	2	19.94	19.74	19.76	21.00
		1	5	20.12	19.86	20.01	21.00
		3	0	19.58	19.55	19.65	21.00
		3	1	19.67	19.43	19.59	21.00
		3	3	19.81	19.48	19.44	21.00
		6	0	19.61	19.70	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.60	19.71	19.80	21.00
		1	7	19.90	19.69	19.70	21.00
		1	14	19.71	19.79	19.77	21.00
		8	0	19.82	19.78	19.74	21.00
		8	4	19.89	19.80	19.84	21.00
		8	7	19.81	19.76	19.83	21.00
		15	0	19.84	19.79	19.77	21.00
	16QAM	1	0	19.54	20.00	19.99	21.00
		1	7	20.01	19.75	19.84	21.00
		1	14	20.14	19.96	19.96	21.00
		8	0	19.84	19.66	19.74	21.00
		8	4	19.94	19.77	19.83	21.00
		8	7	19.99	19.87	19.72	21.00
		15	0	19.94	19.85	19.83	21.00
	64QAM	1	0	19.50	20.10	19.97	21.00
		1	7	20.08	19.68	19.90	21.00
		1	14	20.07	19.92	19.93	21.00
		8	0	19.61	19.70	19.63	21.00
		8	4	19.63	19.63	19.66	21.00
		8	7	19.66	19.39	19.53	21.00
		15	0	19.50	19.83	19.78	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	19.71	19.79	19.85	21.00	
		1	13	19.98	19.80	19.78	21.00	
		1	24	19.81	19.89	19.82	21.00	
		12	0	19.91	19.83	19.83	21.00	
		12	6	19.96	19.87	19.92	21.00	
		12	13	19.92	19.84	19.90	21.00	
	16QAM	25	0	19.89	19.88	19.85	21.00	
		1	0	19.63	20.11	20.09	21.00	
		1	13	20.08	19.86	19.94	21.00	
		1	24	20.12	20.02	20.05	21.00	
		12	0	19.93	19.72	19.84	21.00	
		12	6	20.01	19.86	19.94	21.00	
	64QAM	12	13	20.04	19.98	19.81	21.00	
		25	0	20.01	19.93	19.92	21.00	
		1	0	19.56	20.13	20.05	21.00	
		1	13	20.02	19.79	20.02	21.00	
		1	24	20.14	20.02	20.12	21.00	
		12	0	19.81	19.62	19.64	21.00	
	10MHz	QPSK	12	6	19.61	19.81	19.73	21.00
			12	13	19.71	19.55	19.67	21.00
			12	13	19.71	19.55	19.67	21.00
25			0	19.70	19.85	19.85	21.00	
1			0	19.61	19.72	19.57	21.00	
1			25	19.85	19.75	20.00	21.00	
16QAM		1	49	19.72	19.69	19.82	21.00	
		25	0	19.92	19.81	19.78	21.00	
		25	13	19.97	19.92	19.93	21.00	
		25	25	19.94	19.92	19.88	21.00	
		50	0	19.98	19.89	19.92	21.00	
		1	0	20.11	20.00	19.87	21.00	
64QAM	1	25	20.13	20.15	20.09	21.00		
	1	49	19.99	20.10	20.06	21.00		
	25	0	19.80	19.80	19.76	21.00		
	25	13	19.96	19.90	19.94	21.00		
	25	25	19.99	19.97	19.81	21.00		
	50	0	19.91	19.92	19.89	21.00		
10MHz	64QAM	1	0	20.09	20.00	19.83	21.00	
		1	25	20.11	20.11	20.05	21.00	
		1	49	20.06	20.12	20.14	21.00	
		25	0	19.79	19.53	19.68	21.00	
		25	13	19.96	19.71	19.63	21.00	
		25	25	19.62	19.56	19.46	21.00	
10MHz	64QAM	50	0	19.58	19.61	19.67	21.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.90	19.89	19.93	21.00
		1	38	19.83	19.74	19.72	21.00
		1	74	19.81	19.81	19.74	21.00
		36	0	19.88	19.84	19.86	21.00
		36	18	20.01	19.89	19.77	21.00
		36	39	19.99	19.82	19.89	21.00
		75	0	19.91	19.86	19.87	21.00
	16QAM	1	0	20.11	19.87	19.89	21.00
		1	38	20.06	19.92	19.95	21.00
		1	74	20.09	19.67	19.93	21.00
		36	0	19.83	19.89	19.73	21.00
		36	18	19.95	19.84	19.78	21.00
		36	39	19.89	19.88	19.87	21.00
		75	0	19.89	19.88	19.99	21.00
	64QAM	1	0	20.08	19.96	19.97	21.00
		1	38	20.13	19.85	20.00	21.00
		1	74	20.03	19.65	20.03	21.00
		36	0	19.83	19.78	19.76	21.00
		36	18	19.72	19.74	19.59	21.00
		36	39	19.89	19.84	19.76	21.00
		75	0	19.86	19.64	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.84	19.77	<b>19.85</b>	21.00
		1	50	19.61	19.68	19.65	21.00
		1	99	19.74	19.66	19.74	21.00
		50	0	19.91	19.77	<b>19.98</b>	21.00
		50	25	19.95	19.97	19.97	21.00
		50	50	19.89	19.93	19.89	21.00
		100	0	19.93	19.88	20.00	21.00
	16QAM	1	0	19.81	19.71	20.12	21.00
		1	50	20.01	19.93	<b>20.17</b>	21.00
		1	99	19.77	19.97	20.15	21.00
		50	0	20.02	19.80	19.92	21.00
		50	25	20.01	19.97	19.96	21.00
		50	50	19.89	19.94	19.84	21.00
		100	0	20.00	19.95	19.90	21.00
	64QAM	1	0	19.89	19.66	20.03	21.00
		1	50	20.03	19.98	20.08	21.00
		1	99	19.76	20.00	20.03	21.00
		50	0	19.80	19.65	19.59	21.00
		50	25	19.87	19.56	19.64	21.00
		50	50	19.93	19.73	19.84	21.00
		100	0	19.94	19.54	19.72	21.00

Table 12 : Conducted Power of LTE

## 2 Conducted Power of LTE(EN-DC)

### 2.1.1 Conducted Power of LTE(Ant2)

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.63	17.55	17.66	19.00
		1	13	17.64	17.69	17.55	19.00
		1	24	17.69	17.61	17.66	19.00
		12	0	17.78	17.73	17.80	19.00
		12	6	17.87	17.72	17.78	19.00
		12	13	17.89	17.78	17.77	19.00
		25	0	17.79	17.70	17.75	19.00
	16QAM	1	0	17.84	17.76	17.64	19.00
		1	13	17.82	17.94	17.96	19.00
		1	24	17.86	17.73	17.97	19.00
		12	0	17.88	17.75	17.77	19.00
		12	6	17.92	17.81	17.85	19.00
		12	13	17.88	17.86	17.84	19.00
		25	0	17.92	17.84	17.73	19.00
	64QAM	1	0	17.48	17.37	17.36	19.00
		1	13	17.68	17.53	17.50	19.00
		1	24	17.56	17.35	17.86	19.00
		12	0	17.86	17.77	17.73	19.00
		12	6	17.68	17.62	17.66	19.00
		12	13	17.72	17.54	17.62	19.00
		25	0	17.77	17.72	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.67	17.49	17.50	19.00
		1	25	17.60	17.47	17.52	19.00
		1	49	17.56	17.70	17.82	19.00
		25	0	17.88	17.67	17.66	19.00
		25	13	17.93	17.78	17.77	19.00
		25	25	17.92	17.73	17.81	19.00
		50	0	17.84	17.75	17.85	19.00
	16QAM	1	0	17.77	17.62	17.67	19.00
		1	25	17.80	17.93	17.76	19.00
		1	49	17.79	17.94	17.90	19.00
		25	0	17.80	17.72	17.74	19.00
		25	13	17.90	17.80	17.80	19.00
		25	25	17.93	17.83	17.81	19.00
		50	0	17.93	17.72	17.71	19.00
	64QAM	1	0	17.67	17.72	17.69	19.00
		1	25	17.61	17.65	17.61	19.00
		1	49	17.67	17.64	17.66	19.00
		25	0	17.82	17.59	17.44	19.00
		25	13	17.86	17.65	17.63	19.00
		25	25	17.79	17.75	17.74	19.00
		50	0	17.82	17.73	17.54	19.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.92	17.78	17.64	19.00
		1	38	17.83	17.74	17.66	19.00
		1	74	17.78	17.80	17.75	19.00
		36	0	17.94	17.76	17.69	19.00
		36	18	17.92	17.84	17.82	19.00
		36	39	17.97	17.88	17.91	19.00
		75	0	17.93	17.78	17.73	19.00
	16QAM	1	0	18.03	17.60	17.86	19.00
		1	38	17.98	17.58	17.94	19.00
		1	74	17.82	17.94	17.96	19.00
		36	0	17.93	17.85	17.77	19.00
		36	18	17.97	17.73	17.80	19.00
		36	39	17.96	17.91	17.97	19.00
		75	0	17.93	17.78	17.77	19.00
	64QAM	1	0	17.41	17.46	17.68	19.00
		1	38	17.83	17.52	17.68	19.00
		1	74	17.70	17.82	17.52	19.00
		36	0	17.74	17.47	17.50	19.00
		36	18	17.55	17.67	17.43	19.00
		36	39	17.69	17.46	17.55	19.00
		75	0	17.55	17.52	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>17.80</b>	17.71	17.51	19.00
		1	50	17.68	17.65	17.63	19.00
		1	99	17.75	17.78	17.65	19.00
		50	0	<b>17.93</b>	17.70	17.82	19.00
		50	25	17.89	17.87	17.84	19.00
		50	50	17.92	17.82	<b>17.93</b>	19.00
		100	0	17.86	17.69	17.90	19.00
	16QAM	1	0	<b>18.03</b>	17.99	17.93	19.00
		1	50	17.95	17.97	17.96	19.00
		1	99	17.94	17.95	<b>18.03</b>	19.00
		50	0	17.97	17.80	17.80	19.00
		50	25	17.95	17.79	17.80	19.00
		50	50	17.96	17.92	<b>18.03</b>	19.00
		100	0	17.96	17.67	17.77	19.00
	64QAM	1	0	17.81	17.83	17.65	19.00
		1	50	17.92	17.74	17.73	19.00
		1	99	17.71	17.65	17.59	19.00
		50	0	17.69	17.55	17.64	19.00
		50	25	17.65	17.52	17.57	19.00
		50	50	17.66	17.82	17.67	19.00
		100	0	17.55	17.42	17.64	19.00

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.92	12.86	12.88	14.00
		1	13	12.84	12.92	12.84	14.00
		1	24	12.89	12.93	12.89	14.00
		12	0	12.92	12.84	12.94	14.00
		12	6	12.84	12.89	12.92	14.00
		12	13	12.79	12.88	12.91	14.00
		25	0	12.82	12.84	12.88	14.00
	16QAM	1	0	12.82	12.79	12.81	14.00
		1	13	12.95	12.95	12.85	14.00
		1	24	12.98	12.85	12.84	14.00
		12	0	<b>13.02</b>	12.99	12.91	14.00
		12	6	12.92	12.81	12.85	14.00
		12	13	12.92	12.93	12.93	14.00
		25	0	12.74	12.78	12.86	14.00
	64QAM	1	0	12.80	12.78	12.84	14.00
		1	13	12.86	12.88	12.84	14.00
		1	24	12.82	12.89	12.79	14.00
		12	0	12.98	12.91	12.95	14.00
		12	6	12.91	12.95	12.96	14.00
		12	13	12.75	12.91	12.86	14.00
		25	0	12.93	12.90	12.80	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	13.00	12.93	12.91	14.00
		1	25	12.86	12.85	12.86	14.00
		1	49	12.84	12.85	12.83	14.00
		25	0	12.84	12.94	12.96	14.00
		25	13	12.83	12.89	12.84	14.00
		25	25	12.89	12.87	12.90	14.00
		50	0	12.75	12.85	12.89	14.00
	16QAM	1	0	12.90	12.85	12.87	14.00
		1	25	12.92	12.95	12.91	14.00
		1	49	12.95	12.86	12.87	14.00
		25	0	12.97	12.96	12.91	14.00
		25	13	12.86	12.80	12.92	14.00
		25	25	12.97	12.91	12.94	14.00
		50	0	12.77	12.87	12.86	14.00
	64QAM	1	0	12.79	12.86	12.86	14.00
		1	25	12.89	12.88	12.82	14.00
		1	49	12.84	12.88	12.81	14.00
		25	0	12.98	12.89	12.90	14.00
		25	13	12.93	12.92	12.92	14.00
		25	25	12.75	12.82	12.92	14.00
		50	0	12.95	12.82	12.80	14.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	12.98	12.93	12.89	14.00
		1	38	12.85	12.89	12.93	14.00
		1	74	12.84	12.94	12.85	14.00
		36	0	12.87	12.94	12.94	14.00
		36	18	12.85	12.87	12.91	14.00
		36	39	12.81	12.84	12.98	14.00
		75	0	12.79	12.90	12.97	14.00
	16QAM	1	0	12.82	12.83	12.82	14.00
		1	38	12.91	12.89	12.84	14.00
		1	74	12.89	12.94	12.89	14.00
		36	0	12.94	12.91	13.00	14.00
		36	18	12.94	12.90	12.83	14.00
		36	39	12.97	12.86	12.89	14.00
		75	0	12.80	12.88	12.82	14.00
	64QAM	1	0	12.78	12.79	12.77	14.00
		1	38	12.89	12.84	12.80	14.00
		1	74	12.87	12.83	12.88	14.00
		36	0	12.96	12.88	12.97	14.00
		36	18	12.98	12.94	12.96	14.00
		36	39	12.82	12.83	12.83	14.00
		75	0	12.98	12.90	12.83	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>12.95</b>	12.89	12.89	14.00
		1	50	12.88	12.90	12.89	14.00
		1	99	12.85	12.90	12.87	14.00
		50	0	12.88	12.89	12.92	14.00
		50	25	12.86	12.85	12.88	14.00
		50	50	12.84	12.86	<b>12.93</b>	14.00
		100	0	12.80	12.87	12.92	14.00
	16QAM	1	0	12.86	12.82	12.83	14.00
		1	50	12.94	12.93	12.87	14.00
		1	99	12.93	12.90	12.89	14.00
		50	0	12.97	12.94	12.95	14.00
		50	25	12.91	12.85	12.87	14.00
		50	50	12.96	12.89	12.93	14.00
		100	0	12.79	12.83	12.86	14.00
	64QAM	1	0	12.76	12.83	12.81	14.00
		1	50	12.87	12.85	12.81	14.00
		1	99	12.82	12.87	12.84	14.00
		50	0	12.94	12.92	12.94	14.00
		50	25	12.94	12.94	12.95	14.00
		50	50	12.80	12.86	12.87	14.00
		100	0	12.93	12.86	12.84	14.00

Table 13 : Conducted Power of LTE

**2.1.2 Conducted Power of LTE(Ant4)**

LTE Band 7 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	16.35	16.21	16.17	17.00	
		1	13	16.32	16.35	16.10	17.00	
		1	24	16.33	16.32	16.26	17.00	
		12	0	15.99	16.41	16.29	17.00	
		12	6	16.19	16.31	16.34	17.00	
		12	13	<b>16.55</b>	16.21	16.40	17.00	
		25	0	16.07	16.18	16.35	17.00	
	16QAM	1	0	16.21	16.27	16.35	17.00	
		1	13	16.20	16.20	16.15	17.00	
		1	24	16.15	16.19	16.36	17.00	
		12	0	16.04	16.18	16.24	17.00	
		12	6	16.01	16.05	16.42	17.00	
		12	13	16.21	16.01	16.32	17.00	
		25	0	16.36	16.14	16.27	17.00	
	64QAM	1	0	16.27	16.09	16.03	17.00	
		1	13	16.25	16.20	15.98	17.00	
		1	24	16.18	16.17	16.14	17.00	
		12	0	15.89	16.36	16.24	17.00	
		12	6	16.10	16.17	16.20	17.00	
		12	13	16.44	16.12	16.28	17.00	
		25	0	15.93	16.12	16.21	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	16.30	16.23	16.10	17.00
			1	25	16.34	16.38	16.18	17.00
1			49	16.27	16.24	16.20	17.00	
25			0	15.98	16.31	16.34	17.00	
25			13	16.27	16.37	16.24	17.00	
25			25	16.47	16.24	16.48	17.00	
50			0	16.08	16.21	16.35	17.00	
16QAM		1	0	16.12	16.27	16.30	17.00	
		1	25	16.21	16.27	16.21	17.00	
		1	49	16.06	16.20	16.28	17.00	
		25	0	16.06	16.16	16.26	17.00	
		25	13	16.11	16.09	16.34	17.00	
		25	25	16.18	16.06	16.23	17.00	
		50	0	16.28	16.16	16.29	17.00	
64QAM		1	0	16.18	16.10	15.96	17.00	
		1	25	16.26	16.24	16.03	17.00	
		1	49	16.18	16.11	16.06	17.00	
		25	0	15.90	16.18	16.19	17.00	
		25	13	16.17	16.28	16.18	17.00	
		25	25	16.39	16.15	16.37	17.00	
		25	25	16.39	16.15	16.37	17.00	

Bandwidth	Modulation	50	0	16.01	16.16	16.29	17.00
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	16.26	16.20	16.20	17.00
		1	38	16.38	16.28	16.15	17.00
		1	74	16.17	16.33	16.28	17.00
		36	0	16.05	16.27	16.27	17.00
		36	18	16.29	16.34	16.25	17.00
		36	39	16.43	16.32	16.41	17.00
		75	0	16.12	16.28	16.33	17.00
	16QAM	1	0	16.06	16.23	16.26	17.00
		1	38	16.21	16.24	16.26	17.00
		1	74	16.12	16.26	16.32	17.00
		36	0	16.09	16.22	16.20	17.00
		36	18	16.14	16.16	16.40	17.00
		36	39	16.25	16.08	16.21	17.00
		75	0	16.21	16.24	16.38	17.00
	64QAM	1	0	16.18	16.12	16.08	17.00
		1	38	16.23	16.16	16.03	17.00
		1	74	16.08	16.18	16.19	17.00
		36	0	15.92	16.16	16.17	17.00
		36	18	16.16	16.22	16.13	17.00
		36	39	16.36	16.26	16.26	17.00
		75	0	16.05	16.17	16.18	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	<b>16.33</b>	16.18	16.25	17.00
		1	50	16.32	16.28	16.22	17.00
		1	99	16.20	16.32	16.23	17.00
		50	0	16.15	16.29	16.25	17.00
		50	25	16.25	16.24	16.29	17.00
		50	50	<b>16.39</b>	16.25	16.33	17.00
		100	0	16.18	16.23	16.34	17.00
	16QAM	1	0	16.03	16.15	16.28	17.00
		1	50	16.14	16.17	16.19	17.00
		1	99	16.16	16.22	16.24	17.00
		50	0	16.05	16.19	16.29	17.00
		50	25	16.20	16.21	16.35	17.00
		50	50	16.18	16.18	16.29	17.00
		100	0	16.14	16.22	16.36	17.00
	64QAM	1	0	16.18	16.07	16.10	17.00
		1	50	16.22	16.21	16.17	17.00
		1	99	16.14	16.27	16.10	17.00
		50	0	16.03	16.17	16.13	17.00
		50	25	16.19	16.16	16.21	17.00
		50	50	16.26	16.15	16.26	17.00
		100	0	16.09	16.08	16.28	17.00

LTE Band 7 Receiver on+WiFi/BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.45	12.27	12.13	13.00
		1	13	12.35	12.38	12.19	13.00
		1	24	12.35	12.28	12.26	13.00
		12	0	12.03	12.44	12.28	13.00
		12	6	12.18	12.31	12.44	13.00
		12	13	<b>12.62</b>	12.21	12.35	13.00
		25	0	12.02	12.28	12.40	13.00
	16QAM	1	0	12.17	12.37	12.32	13.00
		1	13	12.18	12.29	12.17	13.00
		1	24	12.19	12.27	12.33	13.00
		12	0	12.12	12.19	12.23	13.00
		12	6	12.04	12.01	12.37	13.00
		12	13	12.23	11.98	12.28	13.00
		25	0	12.41	12.14	12.37	13.00
	64QAM	1	0	12.30	12.18	12.07	13.00
		1	13	12.21	12.18	12.02	13.00
		1	24	12.16	12.12	12.22	13.00
		12	0	11.90	12.42	12.19	13.00
		12	6	12.07	12.12	12.23	13.00
		12	13	12.52	12.09	12.30	13.00
		25	0	11.91	12.15	12.29	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	12.28	12.22	12.16	13.00
		1	25	12.32	12.33	12.14	13.00
		1	49	12.26	12.30	12.28	13.00
		25	0	11.96	12.27	12.33	13.00
		25	13	12.34	12.33	12.34	13.00
		25	25	12.53	12.21	12.49	13.00
		50	0	12.14	12.20	12.37	13.00
	16QAM	1	0	12.08	12.30	12.32	13.00
		1	25	12.25	12.25	12.21	13.00
		1	49	12.14	12.26	12.34	13.00
		25	0	12.16	12.12	12.36	13.00
		25	13	12.08	12.17	12.35	13.00
		25	25	12.22	12.09	12.18	13.00
		50	0	12.23	12.15	12.24	13.00
	64QAM	1	0	12.22	12.05	11.95	13.00
		1	25	12.31	12.30	12.04	13.00
		1	49	12.26	12.21	12.10	13.00
		25	0	11.96	12.15	12.27	13.00
		25	13	12.26	12.33	12.25	13.00
		25	25	12.40	12.16	12.37	13.00
		50	0	12.05	12.12	12.24	13.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	12.31	12.30	12.20	13.00
		1	38	12.37	12.26	12.23	13.00
		1	74	12.17	12.29	12.29	13.00
		36	0	12.04	12.30	12.22	13.00
		36	18	12.26	12.41	12.30	13.00
		36	39	12.47	12.29	12.49	13.00
		75	0	12.22	12.33	12.43	13.00
	16QAM	1	0	12.10	12.33	12.28	13.00
		1	38	12.16	12.23	12.34	13.00
		1	74	12.11	12.22	12.38	13.00
		36	0	12.07	12.29	12.23	13.00
		36	18	12.12	12.26	12.36	13.00
		36	39	12.21	12.09	12.27	13.00
		75	0	12.18	12.30	12.35	13.00
	64QAM	1	0	12.25	12.22	12.03	13.00
		1	38	12.30	12.17	12.02	13.00
		1	74	12.17	12.24	12.22	13.00
		36	0	11.94	12.17	12.12	13.00
		36	18	12.25	12.30	12.18	13.00
		36	39	12.34	12.28	12.27	13.00
		75	0	12.05	12.27	12.13	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>12.39</b>	12.24	12.20	13.00
		1	50	12.28	12.36	12.28	13.00
		1	99	12.20	12.37	12.21	13.00
		50	0	12.25	12.30	12.25	13.00
		50	25	12.30	12.33	12.31	13.00
		50	50	<b>12.43</b>	12.22	12.34	13.00
		100	0	12.16	12.28	12.36	13.00
	16QAM	1	0	12.05	12.18	12.25	13.00
		1	50	12.09	12.20	12.20	13.00
		1	99	12.13	12.23	12.31	13.00
		50	0	12.05	12.14	12.25	13.00
		50	25	12.29	12.25	12.42	13.00
		50	50	12.26	12.25	12.27	13.00
		100	0	12.15	12.23	12.32	13.00
	64QAM	1	0	12.25	12.11	12.07	13.00
		1	50	12.17	12.31	12.20	13.00
		1	99	12.10	12.35	12.19	13.00
		50	0	12.13	12.26	12.10	13.00
		50	25	12.24	12.12	12.26	13.00
		50	50	12.29	12.12	12.21	13.00
		100	0	12.19	12.04	12.33	13.00

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.21	20.29	20.13	21.00
		1	13	20.34	20.29	20.32	21.00
		1	24	20.28	20.41	20.25	21.00
		12	0	19.97	20.29	20.25	21.00
		12	6	20.52	20.17	20.24	21.00
		12	13	<b>20.59</b>	20.30	20.10	21.00
		25	0	20.20	20.41	20.34	21.00
	16QAM	1	0	20.09	20.22	20.42	21.00
		1	13	20.27	20.13	20.34	21.00
		1	24	20.22	20.43	20.46	21.00
		12	0	20.10	20.32	20.02	21.00
		12	6	20.47	20.29	20.38	21.00
		12	13	20.24	20.12	20.34	21.00
		25	0	20.26	20.38	20.37	21.00
	64QAM	1	0	20.11	20.17	20.03	21.00
		1	13	20.23	20.24	20.23	21.00
		1	24	20.19	20.30	20.15	21.00
		12	0	19.89	20.20	20.10	21.00
		12	6	20.40	20.06	20.11	21.00
		12	13	20.52	20.15	19.98	21.00
		25	0	20.09	20.34	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.30	20.35	20.18	21.00
		1	25	20.36	20.19	20.23	21.00
		1	49	20.30	20.42	20.23	21.00
		25	0	20.07	20.21	20.22	21.00
		25	13	20.43	20.14	20.18	21.00
		25	25	20.52	20.39	20.05	21.00
		50	0	20.17	20.40	20.31	21.00
	16QAM	1	0	20.00	20.14	20.45	21.00
		1	25	20.31	20.15	20.32	21.00
		1	49	20.23	20.48	20.36	21.00
		25	0	20.02	20.25	20.09	21.00
		25	13	20.43	20.20	20.33	21.00
		25	25	20.26	20.14	20.29	21.00
		50	0	20.22	20.32	20.28	21.00
	64QAM	1	0	20.19	20.21	20.03	21.00
		1	25	20.25	20.06	20.11	21.00
		1	49	20.17	20.34	20.17	21.00
		25	0	20.02	20.16	20.16	21.00
		25	13	20.29	20.06	20.06	21.00
		25	25	20.46	20.29	20.00	21.00
		50	0	20.11	20.26	20.21	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.25	20.25	20.19	21.00
		1	38	20.42	20.25	20.32	21.00
		1	74	20.32	20.39	20.22	21.00
		36	0	20.09	20.26	20.24	21.00
		36	18	20.37	20.20	20.28	21.00
		36	39	20.55	20.29	20.13	21.00
		75	0	20.14	20.32	20.40	21.00
	16QAM	1	0	20.06	20.21	20.37	21.00
		1	38	20.22	20.24	20.37	21.00
		1	74	20.27	20.44	20.41	21.00
		36	0	20.02	20.34	20.18	21.00
		36	18	20.34	20.14	20.37	21.00
		36	39	20.20	20.21	20.22	21.00
		75	0	20.20	20.23	20.35	21.00
	64QAM	1	0	20.17	20.16	20.14	21.00
		1	38	20.29	20.19	20.18	21.00
		1	74	20.18	20.27	20.07	21.00
		36	0	19.99	20.16	20.14	21.00
		36	18	20.24	20.15	20.14	21.00
		36	39	20.48	20.16	20.02	21.00
		75	0	20.04	20.19	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.32	20.23	20.19	21.00
		1	50	<b>20.38</b>	20.33	20.26	21.00
		1	99	20.27	20.34	20.22	21.00
		50	0	20.14	20.32	20.22	21.00
		50	25	20.27	20.30	20.26	21.00
		50	50	<b>20.46</b>	20.30	20.21	21.00
		100	0	20.16	20.27	20.32	21.00
	16QAM	1	0	20.01	20.23	20.27	21.00
		1	50	20.21	20.25	20.28	21.00
		1	99	20.20	20.42	20.32	21.00
		50	0	20.06	20.26	20.25	21.00
		50	25	20.25	20.22	20.29	21.00
		50	50	20.23	20.23	20.30	21.00
		100	0	20.12	20.24	20.34	21.00
	64QAM	1	0	20.23	20.16	20.07	21.00
		1	50	20.30	20.20	20.12	21.00
		1	99	20.12	20.28	20.10	21.00
		50	0	20.06	20.21	20.09	21.00
		50	25	20.21	20.22	20.15	21.00
		50	50	20.33	20.17	20.11	21.00
		100	0	20.07	20.20	20.24	21.00

Table 14 : Conducted Power of LTE



### 3 Conducted Power of NR Antenna

#### 3.1.1 Conducted Power of NR Antenna (Ant0)

n5 Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM QPSK	1	1	22.90	22.92	<b>22.82</b>	24.00
		1	53	<b>23.03</b>	<b>23.02</b>	22.78	24.00
		1	104	22.72	22.67	22.66	24.00
		50	0	21.82	21.78	21.70	23.00
		50	28	<b>22.88</b>	22.85	22.76	24.00
		50	56	21.78	21.75	21.70	23.00
		100	0	21.85	21.85	21.78	23.00
	DFT-s-OFDM 16QAM	1	53	21.71	21.67	21.92	23.00
	DFT-s-OFDM 64QAM	1	53	20.30	20.30	19.99	21.50
DFT-s-OFDM 256QAM	1	53	18.39	18.37	18.31	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	53	22.93	22.85	22.74	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	53	22.91	22.75	22.76	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	53	23.02	22.87	22.75	24.00

n5 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM QPSK	1	1	21.49	21.49	21.39	22.50
		1	53	<b>21.52</b>	<b>21.53</b>	<b>21.54</b>	22.50
		1	104	21.36	21.26	21.22	22.50
		50	0	21.33	21.33	21.25	22.50
		50	28	<b>21.41</b>	21.36	21.30	22.50
		50	56	21.32	21.29	21.24	22.50
		100	0	21.42	21.36	21.33	22.50
	DFT-s-OFDM 16QAM	1	53	21.48	21.35	21.29	22.50
	DFT-s-OFDM 64QAM	1	53	20.37	20.29	20.25	21.50
DFT-s-OFDM 256QAM	1	53	18.17	18.21	18.16	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	53	21.33	21.35	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	53	21.29	21.28	21.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	53	21.26	21.23	21.19	22.50

n5 Receiver on+WiFi/BT				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.05	16.94	16.89	18.00
		1	53	<b>17.05</b>	<b>17.06</b>	<b>17.10</b>	18.00
		1	104	16.94	16.74	16.81	18.00
		50	0	16.79	16.92	16.82	18.00
		50	28	<b>17.05</b>	16.92	16.88	18.00
		50	56	16.83	16.75	16.73	18.00
	100	0	17.01	16.84	16.92	18.00	
	DFT-s-OFDM 16QAM	1	53	17.00	16.85	16.80	18.00
DFT-s-OFDM 64QAM	1	53	16.90	16.80	16.78	18.00	
DFT-s-OFDM 256QAM	1	53	16.73	16.66	16.76	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	53	16.86	16.91	16.93	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	53	16.88	16.76	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	53	16.81	16.76	16.77	18.00

n41 Receiver on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	15.60	15.51	15.43	15.58	15.62	16.40
		1	137	15.51	15.62	15.65	15.77	15.89	16.40
		1	271	<b>15.73</b>	<b>15.83</b>	<b>15.90</b>	<b>16.02</b>	<b>16.01</b>	16.40
		135	0	15.39	15.43	15.59	15.57	15.70	16.40
		135	69	15.50	15.53	15.69	15.69	15.78	16.40
		135	138	<b>15.62</b>	<b>15.82</b>	<b>15.76</b>	<b>15.81</b>	<b>15.80</b>	16.40
	270	0	15.48	<b>15.74</b>	15.68	15.72	15.73	16.40	
	DFT-s-OFDM 16QAM	1	271	15.85	15.85	15.94	15.91	15.86	16.40
	DFT-s-OFDM 64QAM	1	271	15.66	15.68	15.59	15.58	15.63	16.40
	DFT-s-OFDM 256QAM	1	271	15.82	15.73	15.71	15.76	15.79	16.40
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	271	15.50	15.49	15.55	15.59	15.60	16.40

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	271	15.53	15.58	15.51	15.64	15.59	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	271	15.48	15.53	15.49	15.56	15.64	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	271	15.58	15.51	15.56	15.61	15.63	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	271	15.46	15.49	15.53	15.43	15.55	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	271	15.54	15.53	15.49	15.58	15.61	16.40

n41 Receiver off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM QPSK	1	1	20.06	19.91	20.18	20.21	20.33	20.90
		1	137	20.16	<b>20.27</b>	<b>20.44</b>	<b>20.35</b>	<b>20.41</b>	20.90
		1	271	<b>20.47</b>	19.76	19.74	19.91	19.38	20.90
		135	0	19.92	19.81	20.11	20.02	20.13	20.90
		135	69	<b>20.10</b>	<b>20.11</b>	<b>20.35</b>	<b>20.24</b>	<b>20.36</b>	20.90
		135	138	19.81	19.87	19.91	20.10	20.25	20.90
	270	0	19.75	19.77	<b>20.27</b>	19.91	20.06	20.90	
	DFT-s-OFDM 16QAM	1	271	19.84	19.87	20.01	20.21	20.14	20.90
	DFT-s-OFDM 64QAM	1	271	19.56	19.65	19.74	19.92	19.92	20.90
	DFT-s-OFDM 256QAM	1	271	18.46	18.54	18.66	18.89	18.81	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM	1	271	20.05	19.96	20.00	20.04	20.06	20.90

QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	271	507204	512904	518598	524298	529998	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	271	505200	511902	518598	525300	531996	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	271	504204	511404	518598	525798	532998	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	271	503202	510900	518598	526302	534000	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	271	501204	509904	518598	527298	535998	20.90

n41 Receiver off+wifi/BT				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	509202	513900	518598	523302	528000	19.90
		1	137	19.11	<b>19.34</b>	<b>19.44</b>	<b>19.39</b>	<b>19.48</b>	19.90
		1	271	<b>19.54</b>	18.75	18.70	18.95	18.39	19.90
		135	0	18.94	18.91	19.06	19.02	19.10	19.90
		135	69	19.08	19.06	19.43	19.22	<b>19.44</b>	19.90
		135	138	18.89	18.85	18.92	19.10	19.20	19.90
	270	0	18.76	18.84	19.32	19.00	19.01	19.90	
	DFT-s-OFDM 16QAM	1	271	18.79	18.96	19.05	19.18	19.22	19.90
	DFT-s-OFDM 64QAM	1	271	18.56	18.64	18.80	18.93	18.89	19.90
	DFT-s-OFDM 256QAM	1	271	18.46	18.54	18.66	18.89	18.81	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-	1	271	508200	513402	518598	523800	528996	19.90

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	271	18.98	18.91	18.95	18.95	18.95	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	271	18.89	19.00	19.01	18.93	18.99	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	271	18.95	18.94	18.96	18.94	19.04	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	271	19.09	18.96	18.98	18.89	18.91	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	271	18.89	18.95	18.92	18.99	18.99	19.90

Table 15 : Conducted Power of NR

### 3.1.2 Conducted Power of NR Antenna (Ant1)

n5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM QPSK	1	1	23.58	23.53	23.48	24.50
		1	53	<b>23.69</b>	<b>23.77</b>	<b>23.77</b>	24.50
		1	104	23.43	23.40	23.37	24.50
		50	0	22.52	22.45	22.42	23.50
		50	28	23.45	<b>23.54</b>	23.49	24.50
		50	56	22.52	22.41	22.44	23.50
		100	0	22.49	22.51	22.36	23.50
	DFT-s-OFDM 16QAM	1	53	22.73	22.73	22.67	23.50
	DFT-s-OFDM 64QAM	1	53	20.90	20.87	20.83	22.00
	DFT-s-OFDM	1	53	19.20	19.01	18.83	20.00

	256QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	53	23.60	23.50	23.36	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	53	23.46	23.37	23.39	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	53	23.70	23.55	23.45	24.50

Table 16 : Conducted Power of NR

### 3.1.3 Conducted Power of NR Antenna (Ant2)

n7 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	<b>15.47</b>	<b>15.52</b>	<b>15.55</b>	16.00
		1	53	15.39	15.50	15.54	16.00
		1	104	15.46	15.51	15.51	16.00
		50	0	15.37	15.54	15.50	16.00
		50	28	<b>15.50</b>	<b>15.57</b>	<b>15.54</b>	16.00
		50	56	15.40	15.51	15.53	16.00
	100	0	15.38	15.52	<b>15.55</b>	16.00	
	DFT-s-OFDM 16QAM	50	28	15.40	15.42	15.48	16.00
	DFT-s-OFDM 64QAM	50	28	15.17	15.24	15.38	16.00
DFT-s-OFDM 256QAM	50	28	15.53	15.49	15.52	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	50	28	15.30	15.27	15.35	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	50	28	15.27	15.19	15.40	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	50	28	15.33	15.31	15.29	16.00

n7 Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.78	19.81	19.94	20.50
		1	53	19.84	19.93	19.87	20.50



		1	104	<b>19.84</b>	<b>19.98</b>	<b>19.97</b>	20.50
		50	0	19.34	19.39	19.41	20.50
		50	28	<b>19.71</b>	<b>19.87</b>	<b>20.00</b>	20.50
		50	56	19.33	19.42	19.39	20.50
		100	0	19.31	19.37	<b>19.47</b>	20.50
	DFT-s-OFDM 16QAM	50	28	19.78	19.67	19.84	20.50
	DFT-s-OFDM 64QAM	50	28	19.62	19.59	19.68	20.50
	DFT-s-OFDM 256QAM	50	28	17.64	17.68	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	50	28	501500	507000	512500	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	50	28	501000	507000	513000	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	50	28	500500	507000	513500	20.50

n7 Receiver on+WiFi/BT				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	<b>12.61</b>	12.47	12.51	13.00
		1	53	12.42	12.48	12.57	13.00
		1	104	12.43	12.50	12.51	13.00
		50	0	12.34	12.53	12.52	13.00
		50	28	12.51	<b>12.59</b>	12.58	13.00
		50	56	12.38	12.52	12.51	13.00
	100	0	12.38	12.49	<b>12.60</b>	13.00	
	DFT-s-OFDM 16QAM	1	1	12.36	12.39	12.46	13.00
DFT-s-OFDM 64QAM	1	1	12.19	12.28	12.37	13.00	
DFT-s-OFDM 256QAM	1	1	12.58	12.44	12.53	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	500500	507000	513500	13.00

n41 Receiver on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	DFT-s-OFDM QPSK	1	1	<b>15.99</b>	15.77	15.63	15.77	<b>15.94</b>	16.40
		1	137	15.83	15.75	15.81	15.81	15.77	16.40
		1	271	15.90	<b>15.92</b>	<b>15.91</b>	<b>15.95</b>	15.77	16.40

		135	0	15.78	15.63	15.75	15.78	15.74	16.40
		135	69	15.80	15.75	15.79	15.77	15.78	16.40
		135	138	<b>15.83</b>	<b>15.81</b>	<b>15.80</b>	<b>15.81</b>	<b>15.80</b>	16.40
		270	0	<b>15.84</b>	15.72	15.79	15.75	15.80	16.40
	DFT-s-OFDM 16QAM	1	1	15.55	15.75	15.53	15.72	15.77	16.40
	DFT-s-OFDM 64QAM	1	1	15.67	15.67	15.67	15.67	15.78	16.40
	DFT-s-OFDM 256QAM	1	1	15.60	15.64	15.78	15.69	15.75	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 508200	<b>Channel</b> 513402	<b>Channel</b> 518598	<b>Channel</b> 523800	<b>Channel</b> 528996	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.56	15.46	15.52	15.55	15.49	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 507204	<b>Channel</b> 512904	<b>Channel</b> 518598	<b>Channel</b> 524298	<b>Channel</b> 529998	<b>Tune up</b>
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.52	15.44	15.53	15.53	15.51	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 505200	<b>Channel</b> 511902	<b>Channel</b> 518598	<b>Channel</b> 525300	<b>Channel</b> 531996	<b>Tune up</b>
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.47	15.39	15.50	15.45	15.41	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 504204	<b>Channel</b> 511404	<b>Channel</b> 518598	<b>Channel</b> 525798	<b>Channel</b> 532998	<b>Tune up</b>
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.49	15.42	15.47	15.47	15.43	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 503202	<b>Channel</b> 510900	<b>Channel</b> 518598	<b>Channel</b> 526302	<b>Channel</b> 534000	<b>Tune up</b>
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.51	15.44	15.49	15.49	15.42	16.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 501204	<b>Channel</b> 509904	<b>Channel</b> 518598	<b>Channel</b> 527298	<b>Channel</b> 535998	<b>Tune up</b>
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.48	15.41	15.48	15.48	15.42	16.40

n41 Receiver off				Conducted Power(dBm)					
SCS 30kHz									
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 509202	<b>Channel</b> 513900	<b>Channel</b> 518598	<b>Channel</b> 523302	<b>Channel</b> 528000	<b>Tune up</b>
<b>100MHz</b>	DFT-s-OFDM	1	1	19.21	19.04	19.03	19.03	19.08	19.90
		1	137	19.16	19.12	<b>19.22</b>	19.12	19.14	19.90

	QPSK	1	271	<b>19.22</b>	<b>19.24</b>	19.21	<b>19.27</b>	19.07	19.90
		135	0	19.09	18.97	19.05	19.03	19.05	19.90
		135	69	19.12	19.10	19.14	<b>19.16</b>	19.14	19.90
		135	138	<b>19.15</b>	<b>19.20</b>	<b>19.19</b>	19.11	<b>19.19</b>	19.90
		270	0	19.07	19.15	19.06	<b>19.17</b>	19.06	19.90
	DFT-s-OFDM 16QAM	1	271	19.19	19.22	19.26	19.26	19.15	19.90
	DFT-s-OFDM 64QAM	1	271	19.09	19.06	19.05	19.10	18.93	19.90
	DFT-s-OFDM 256QAM	1	271	18.76	18.70	18.68	18.71	18.52	19.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	271	19.09	19.06	19.15	19.02	19.06	19.90
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	271	19.08	19.04	19.12	19.02	19.07	19.90
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	271	19.02	18.97	19.07	18.98	18.99	19.90
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	271	19.03	19.00	19.09	18.99	19.00	19.90
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	271	19.05	19.02	19.10	18.98	19.04	19.90
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	271	19.06	18.97	19.09	19.02	19.00	19.90

n41 Receiver on+WiFi/BT				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
<b>100MHz</b>	DFT-s-	1	1	11.83	11.73	11.68	11.81	<b>11.85</b>	12.40

	OFDM QPSK	1	137	11.78	11.84	11.79	11.80	11.80	12.40
		1	271	11.83	11.81	11.82	11.82	11.74	12.40
		135	0	11.74	11.72	11.79	11.76	11.76	12.40
		135	69	11.77	11.84	11.85	11.82	11.76	12.40
		135	138	<b>11.87</b>	<b>11.85</b>	11.82	11.80	11.76	12.40
	270	0	<b>11.91</b>	11.79	<b>11.85</b>	<b>11.85</b>	11.84	12.40	
	DFT-s-OFDM 16QAM	270	0	11.50	11.77	11.57	11.72	11.73	12.40
	DFT-s-OFDM 64QAM	270	0	11.75	11.74	11.65	11.67	11.84	12.40
	DFT-s-OFDM 256QAM	270	0	11.63	11.59	11.81	11.73	11.75	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	270	0	11.79	11.65	11.77	11.74	11.77	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	270	0	11.68	11.65	11.80	11.76	11.72	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	270	0	11.75	11.63	11.79	11.72	11.59	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	270	0	11.69	11.68	11.75	11.66	11.70	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	270	0	11.79	11.72	11.68	11.70	11.61	12.40
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	270	0	11.69	11.63	11.77	11.67	11.62	12.40

Table 17 : Conducted Power of NR

**3.1.4 Conducted Power of NR Antenna (Ant3)**

n7 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.74	22.75	<b>22.88</b>	23.50
		1	53	22.75	<b>22.79</b>	22.74	23.50
		1	104	<b>22.80</b>	22.74	22.62	23.50
		50	0	21.71	21.75	21.67	22.50
		50	28	22.74	22.76	<b>22.79</b>	23.50
		50	56	21.71	21.76	21.64	22.50
	100	0	21.72	21.75	21.63	22.50	
	DFT-s-OFDM 16QAM	1	104	22.04	21.99	21.83	22.50
DFT-s-OFDM 64QAM	1	104	20.01	19.93	19.90	21.00	
DFT-s-OFDM 256QAM	1	104	18.16	18.09	18.02	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.69	22.71	22.65	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.70	22.66	22.73	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.64	22.59	22.61	23.50

  

n7 Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.37	<b>22.42</b>	<b>22.35</b>	22.50
		1	53	22.34	22.33	22.34	22.50
		1	104	<b>22.41</b>	22.41	22.27	22.50
		50	0	21.89	21.89	21.85	22.50
		50	28	<b>22.41</b>	22.38	22.33	22.50
		50	56	21.84	21.92	21.82	22.50
	100	0	21.92	21.77	21.85	22.50	
	DFT-s-OFDM 16QAM	1	1	22.24	21.41	21.41	22.50
DFT-s-OFDM 64QAM	1	1	20.21	20.13	20.07	21.00	
DFT-s-OFDM 256QAM	1	1	18.23	18.18	18.19	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.22	22.30	22.19	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.19	22.21	22.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.17	22.16	22.30	22.50

Table 18 : Conducted Power of NR



## 4 Conducted Power of Uplink CA and Downlink CA

### 4.1.1 Uplink LTE CA Conducted Power of Ant2

Combination	Modulation	PCC						SCC					Receiver on		Receiver on+wifi		Receiver off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	14.68	16.00	11.89	13.00	17.75	19.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	14.74	16.00	11.93	13.00	17.57	19.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	14.78	16.00	11.83	13.00	17.69	19.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	14.79	16.00	11.79	13.00	17.71	19.00
Combination	Modulation	PCC						SCC					Receiver on		Receiver on+wifi		Receiver off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	15.89	17.00	12.96	14.00	20.68	22.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	15.90	17.00	12.90	14.00	20.72	22.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	15.83	17.00	13.01	14.00	20.77	22.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	15.93	17.00	12.88	14.00	20.79	22.00
Combination	Modulation	PCC						SCC					Receiver on		Receiver on+wifi		Receiver off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	16.02	17.00	12.48	13.00	20.66	22.00
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	15.99	17.00	12.50	13.00	20.58	22.00
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	39987	1	99	16.10	17.00	12.39	13.00	20.61	22.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	16.03	17.00	12.41	13.00	20.61	22.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	16.21	17.00	12.53	13.00	20.69	22.00
CA_41C	QPSK	41	20	41055	1	99	41055	41	20	41253	1	0	15.93	17.00	12.44	13.00	20.53	22.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	15.98	17.00	12.51	13.00	20.64	22.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	15.97	17.00	12.37	13.00	20.60	22.00

Table 19 : Conducted Power of UL CA

**4.1.2 Uplink LTE CA Conducted Power of Ant3**

Combination	Modulation	PCC						SCC					Receiver on		Receiver off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	23.02	24.00	19.02	20.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	22.96	24.00	18.96	20.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	23.00	24.00	18.88	20.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	23.01	24.00	18.97	20.00
Combination	Modulation	PCC						SCC					Receiver on/Receiver off			
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	22.86	24.50		
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.80	24.50		
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	22.73	24.50		
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	22.87	24.50		
Combination	Modulation	PCC						SCC					Receiver on/Receiver off		Receiver off+wifi	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	22.81	24.50	21.92	23.50
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	22.77	24.50	21.81	23.50
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	39987	1	99	22.83	24.50	21.77	23.50
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	23.01	24.50	21.93	23.50
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	23.02	24.50	21.96	23.50
CA_41C	QPSK	41	20	41055	1	99	41055	41	20	41253	1	0	22.89	24.50	21.71	23.50
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	22.91	24.50	21.82	23.50
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	22.90	24.50	21.88	23.50

Table 20 : Conducted Power of UL CA



**4.1.3 Uplink LTE CA Conducted Power of LAT**

receiver on																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	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_7B	Band 7	15	QPSK	2507.5	20825	1	74	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	22.86	23.04	24.00
CA_7A-7A	Band 7	20	QPSK	2510	20850	1	0	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	23.08	23.15	24.00
CA_4A-4A	Band 4	20	QPSK	1745	20300	1	0	Band 4	20	2120	2050	/	/	/	/	/	/	/	/	23.27	23.39	24.50
CA_38C	Band 38	20	QPSK	2580	37850	1	0	Band 38	20	2599.8	38048	/	/	/	/	/	/	/	/	22.97	23.06	24.50
CA_41A-41A	Band 41	20	QPSK	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	22.96	23.08	24.50
CA_2A-5A	Band 2	20	QPSK	1860	18700	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	22.82	22.91	24.00
CA_2A-5A	Band 5	10	QPSK	844	20600	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	23.55	23.64	25.00
CA_2A-7A	Band 2	20	QPSK	1860	18700	1	0	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	22.84	22.91	24.00
CA_2A-7A	Band 7	20	QPSK	2510	20850	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	22.96	23.15	24.00
CA_4A-5A	Band 4	20	QPSK	1745	20300	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	23.17	23.39	24.50
CA_4A-5A	Band 5	10	QPSK	844	20600	1	0	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	23.56	23.64	25.00
CA_5A-38A	Band 5	10	QPSK	844	20600	1	0	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	23.60	23.64	25.00
CA_5A-38A	Band 38	20	QPSK	2580	37850	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	22.90	23.06	24.50
CA_5A-41A	Band 5	10	QPSK	844	20600	1	0	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	23.43	23.64	25.00
CA_5A-41A	Band 41	20	QPSK	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	22.88	23.08	24.50
CA_4A-7C	Band 4	20	QPSK	1745	20300	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	23.34	23.39	24.50
CA_4A-7C	Band 7	20	QPSK	2510	20850	1	0	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	23.00	23.15	24.00
CA_5A-7C	Band 5	10	QPSK	844	20600	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	23.50	23.64	25.00
CA_5A-7C	Band 7	20	QPSK	2510	20850	1	0	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	23.01	23.15	24.00
CA_26A-41C	Band 26	15	QPSK	831.5	26865	1	0	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	23.31	23.53	25.00
CA_26A-41C	Band 41	20	QPSK	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	22.94	23.08	24.50
CA_41A-41C	Band 41	20	QPSK	2506	39750	1	50	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	22.80	22.83	24.50
CA_5A-66A-66A	Band 5	10	QPSK	844	20600	1	0	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	23.53	23.64	25.00
CA_5A-66A-66A	Band 66	20	QPSK	1720	132072	1	0	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	23.31	23.51	24.50
CA_41A-41D	Band 41	20	QPSK	2506	39750	1	50	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	22.81	22.83	24.50
CA_7C-66A-66A	Band 7	20	QPSK	2510	20850	1	0	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	22.93	23.15	24.00
CA_7C-66A-66A	Band 66	20	QPSK	1720	132072	1	0	Band 66	20	2172.5	67061	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	23.33	23.51	24.50

receiver off/receiver off WWAN+WIFI/BT																										
DL LTE CA Class	PCC								SCC1				SCC2				SCC2				Power(dBm)					
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	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_7B	Band 7	15	QPSK	2507.5	20825	36	18	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	/	/	/	/	19.01	19.18	20.00
CA_7A-7A	Band 7	20	QPSK	2510	20850	50	50	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	/	/	/	/	19.14	19.30	20.00
CA_4A-4A	Band 4	20	16QAM	1720	20050	1	0	Band 4	20	2300	2145	/	/	/	/	/	/	/	/	/	/	/	/	20.04	20.06	21.00
CA_38C	Band 38	20	QPSK	2580	37850	1	0	Band 38	20	2599.8	38048	/	/	/	/	/	/	/	/	/	/	/	/	22.95	23.06	24.50
CA_41A-41A	Band 41	20	QPSK	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	/	/	/	/	22.09	22.28	23.50
CA_2A-5A	Band 2	20	16QAM	1900	19100	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	/	/	/	/	20.71	20.87	21.50
CA_2A-5A	Band 5	10	QPSK	844	20600	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	/	/	/	/	23.46	23.64	25.00
CA_2A-7A	Band 2	20	16QAM	1900	19100	1	0	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	/	/	/	/	20.78	20.87	21.50
CA_2A-7A	Band 7	20	QPSK	2510	20850	50	50	Band 2	20	1960	900	/	/	/	/	/	/	/	/	/	/	/	/	19.11	19.30	20.00
CA_4A-5A	Band 4	20	16QAM	1720	20050	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	/	/	/	/	20.04	20.06	21.00
CA_4A-5A	Band 5	10	QPSK	844	20600	1	0	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	/	/	/	/	23.54	23.64	25.00
CA_5A-38A	Band 5	10	QPSK	844	20600	1	0	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	/	/	/	/	23.58	23.64	25.00
CA_5A-38A	Band 38	20	QPSK	2580	37850	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	/	/	/	/	22.99	23.06	24.50
CA_5A-41A	Band 5	10	QPSK	844	20600	1	0	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	/	/	/	/	23.61	23.64	25.00
CA_5A-41A	Band 41	20	QPSK	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	/	/	/	/	22.14	22.28	23.50
CA_4A-7C	Band 4	20	16QAM	1720	20050	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	/	/	/	/	19.92	20.06	21.00
CA_4A-7C	Band 7	20	QPSK	2510	20850	50	50	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	19.26	19.30	20.00
CA_5A-7C	Band 5	10	QPSK	844	20600	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	/	/	/	/	23.49	23.64	25.00
CA_5A-7C	Band 7	20	QPSK	2510	20850	50	50	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	19.09	19.30	20.00
CA_26A-41C	Band 26	15	QPSK	831.5	26865	1	0	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	/	/	/	/	23.44	23.53	25.00
CA_26A-41C	Band 41	20	QPSK	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	/	/	/	/	22.06	22.28	23.50
CA_41A-41C	Band 41	20	QPSK	2506	39750	1	0	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	/	/	/	/	21.96	22.00	23.50
CA_5A-66A-66A	Band 5	10	QPSK	844	20600	1	0	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	/	/	/	/	23.60	23.64	25.00
CA_5A-66A-66A	Band 66	20	QPSK	1720	132072	1	50	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.04	20.17	21.00
CA_41A-41D	Band 41	20	QPSK	2506	39750	1	0	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	21.82	22.00	23.50	21.82	22.00	23.50	
CA_7C-66A-66A	Band 7	20	QPSK	2510	20850	50	50	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	19.26	19.30	20.00	19.26	19.30	20.00	
CA_7C-66A-66A	Band 66	20	16QAM	1770	132572	1	50	Band 66	20	2120	66536	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	20.01	20.17	21.00	20.01	20.17	21.00	

Table 21 : Conducted Power of DL CA

**4.1.4 Uplink LTE CA Conducted Power of UAT**

DL LTE CA Class	receiver on																					
	PCC							SCC1				SCC2				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7B	Band 7	15	64QAM	2507.5	20825	1	74	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	14.81	15.00	16.00
CA_7A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	14.87	15.09	16.00
CA_4A-4A	Band 4	20	16QAM	1745	20300	1	50	Band 4	20	2120	2050	/	/	/	/	/	/	/	/	14.83	14.86	16.00
CA_38C	Band 38	20	16QAM	2610	38150	1	0	Band 38	20	2590.2	37952	/	/	/	/	/	/	/	/	15.99	16.18	17.00
CA_41A-41A	Band 41	20	64QAM	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	16.33	16.44	17.00
CA_2A-5A	Band 2	20	16QAM	1860	18700	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	16.09	16.15	17.00
CA_2A-5A	Band 5	10	16QAM	829	20450	1	25	Band 2	20	1960	900	/	/	/	/	/	/	/	/	22.15	22.17	23.00
CA_2A-7A	Band 2	20	16QAM	1860	18700	1	0	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	15.99	16.15	17.00
CA_2A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	15.01	15.09	16.00
CA_4A-5A	Band 4	20	16QAM	1745	20300	1	50	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	14.77	14.86	16.00
CA_4A-5A	Band 5	10	16QAM	829	20450	1	25	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	22.04	22.17	23.00
CA_5A-38A	Band 5	10	16QAM	829	20450	1	25	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	21.97	22.17	23.00
CA_5A-38A	Band 38	20	16QAM	2610	38150	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	16.06	16.18	17.00
CA_5A-41A	Band 5	10	16QAM	829	20450	1	25	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	22.09	22.17	23.00
CA_5A-41A	Band 41	20	64QAM	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	16.38	16.44	17.00
CA_4A-7C	Band 4	20	16QAM	1745	20300	1	50	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	14.84	14.86	16.00
CA_4A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	14.96	15.09	16.00
CA_5A-7C	Band 5	10	16QAM	829	20450	1	25	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	22.06	22.17	23.00
CA_5A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	14.95	15.09	16.00
CA_26A-41C	Band 26	15	QPSK	831.5	26865	36	39	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	21.84	22.06	23.00
CA_26A-41C	Band 41	20	64QAM	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	16.26	16.44	17.00
CA_41A-41C	Band 41	20	16QAM	2506	39750	1	50	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	16.23	16.37	17.00
CA_5A-66A-66A	Band 5	10	16QAM	829	20450	1	25	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	21.98	22.17	23.00
CA_5A-66A-66A	Band 66	20	16QAM	1720	132072	1	0	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	14.85	15.05	16.00
CA_41A-41D	Band 41	20	16QAM	2506	39750	1	50	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	16.25	16.37	17.00
CA_7C-66A-66A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	15.07	15.09	16.00
CA_7C-66A-66A	Band 66	20	16QAM	1720	132072	1	0	Band 66	20	2172.5	67061	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	14.95	15.05	16.00

receiver on WWAN+WIFI/BT																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7B	Band 7	15	64QAM	2507.5	20825	1	74	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	11.83	12.02	13.00
CA_7A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	12.05	12.12	13.00
CA_4A-4A	Band 4	20	16QAM	1720	20050	1	99	Band 4	20	2300	2145	/	/	/	/	/	/	/	/	11.85	11.88	13.00
CA_38C	Band 38	20	16QAM	2580	37850	100	0	Band 38	20	2599.8	38048	/	/	/	/	/	/	/	/	13.12	13.18	14.00
CA_41A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	12.60	12.69	13.00
CA_2A-5A	Band 2	20	16QAM	1860	18700	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	16.00	16.15	17.00
CA_2A-5A	Band 5	10	64QAM	829	20450	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	17.99	18.10	19.00
CA_2A-7A	Band 2	20	16QAM	1860	18700	1	0	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	16.11	16.15	17.00
CA_2A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	12.10	12.12	13.00
CA_4A-5A	Band 4	20	16QAM	1720	20050	1	99	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	11.69	11.88	13.00
CA_4A-5A	Band 5	10	64QAM	829	20450	1	0	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	17.96	18.10	19.00
CA_5A-38A	Band 5	10	64QAM	829	20450	1	0	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	17.94	18.10	19.00
CA_5A-38A	Band 38	20	16QAM	2610	38150	100	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	15.97	16.18	17.00
CA_5A-41A	Band 5	10	64QAM	829	20450	1	0	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	17.95	18.10	19.00
CA_5A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	12.53	12.69	13.00
CA_4A-7C	Band 4	20	16QAM	1720	20050	1	99	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	11.77	11.88	13.00
CA_4A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	12.10	12.12	13.00
CA_5A-7C	Band 5	10	64QAM	829	20450	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	17.93	18.10	19.00
CA_5A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	12.03	12.12	13.00
CA_26A-41C	Band 26	15	64QAM	831.5	26865	1	74	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	18.09	18.14	19.00
CA_26A-41C	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	12.60	12.69	13.00
CA_41A-41C	Band 41	20	16QAM	2506	39750	50	50	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	12.40	12.55	13.00
CA_5A-66A-66A	Band 5	10	64QAM	829	20450	1	0	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	18.05	18.10	19.00
CA_5A-66A-66A	Band 66	20	16QAM	1720	132072	1	0	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	12.01	12.11	13.00
CA_41A-41D	Band 41	20	16QAM	2506	39750	50	50	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	12.46	12.55	13.00
CA_7C-66A-66A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	12.04	12.12	13.00
CA_7C-66A-66A	Band 66	20	16QAM	1720	132072	1	0	Band 66	20	2172.5	67061	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	11.94	12.11	13.00

receiver off																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7B	Band 7	15	16QAM	2507.5	20825	1	74	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	17.98	18.08	19.00
CA_7A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	17.95	18.11	19.00
CA_4A-4A	Band 4	20	16QAM	1745	20300	1	99	Band 4	20	2120	2050	/	/	/	/	/	/	/	/	19.93	20.03	21.00
CA_38C	Band 38	20	16QAM	2580	37850	1	0	Band 38	20	2599.8	38048	/	/	/	/	/	/	/	/	20.97	21.00	21.50
CA_41A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	20.70	20.92	21.50
CA_2A-5A	Band 2	20	16QAM	1860	18700	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.71	20.91	21.50
CA_2A-5A	Band 5	10	QPSK	829	20450	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	23.07	23.24	24.50
CA_2A-7A	Band 2	20	16QAM	1860	18700	1	0	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	20.71	20.91	21.50
CA_2A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	17.92	18.11	19.00
CA_4A-5A	Band 4	20	16QAM	1745	20300	1	99	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	19.93	20.03	21.00
CA_4A-5A	Band 5	10	QPSK	829	20450	1	0	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	23.11	23.24	24.50
CA_5A-38A	Band 5	10	QPSK	829	20450	1	0	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	23.12	23.24	24.50
CA_5A-38A	Band 38	20	16QAM	2610	38150	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.82	21.00	21.50
CA_5A-41A	Band 5	10	QPSK	829	20450	1	0	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	23.07	23.24	24.50
CA_5A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.80	20.92	21.50
CA_4A-7C	Band 4	20	16QAM	1745	20300	1	99	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	19.87	20.03	21.00
CA_4A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	18.03	18.11	19.00
CA_5A-7C	Band 5	10	QPSK	829	20450	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	23.07	23.24	24.50
CA_5A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	17.90	18.11	19.00
CA_26A-41C	Band 26	15	QPSK	831.5	26865	1	74	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	22.98	23.06	24.50
CA_26A-41C	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	20.82	20.92	21.50
CA_41A-41C	Band 41	20	16QAM	2506	39750	50	25	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	20.62	20.84	21.50
CA_5A-66A-66A	Band 5	10	QPSK	829	20450	1	0	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	23.18	23.24	24.50
CA_5A-66A-66A	Band 66	20	16QAM	1720	132072	1	50	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	19.94	20.11	21.00
CA_41A-41D	Band 41	20	16QAM	2506	39750	50	25	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	20.74	20.84	21.50
CA_7C-66A-66A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	18.03	18.11	19.00
CA_7C-66A-66A	Band 66	20	16QAM	1720	132072	1	50	Band 66	20	2172.5	67061	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	20.05	20.11	21.00

receiver off WWAN+WIFI/BT																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC2				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7B	Band 7	15	16QAM	2507.5	20825	1	74	Band 7	5	2636.8	2918	/	/	/	/	/	/	/	/	17.94	18.08	19.00
CA_7A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2680	3350	/	/	/	/	/	/	/	/	17.96	18.11	19.00
CA_4A-4A	Band 4	20	16QAM	1745	20300	1	99	Band 4	20	2120	2050	/	/	/	/	/	/	/	/	20.01	20.03	21.00
CA_38C	Band 38	20	16QAM	2580	37850	1	0	Band 38	20	2599.8	38048	/	/	/	/	/	/	/	/	20.88	21.00	21.50
CA_41A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2506	39750	/	/	/	/	/	/	/	/	20.82	20.92	21.50
CA_2A-5A	Band 2	20	16QAM	1900	19100	1	99	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	19.73	19.93	20.50
CA_2A-5A	Band 5	10	QPSK	829	20450	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	23.21	23.24	24.50
CA_2A-7A	Band 2	20	16QAM	1900	19100	1	99	Band 7	20	2655	3100	/	/	/	/	/	/	/	/	19.89	19.93	20.50
CA_2A-7A	Band 7	20	16QAM	2510	20850	1	0	Band 2	20	1960	900	/	/	/	/	/	/	/	/	18.05	18.11	19.00
CA_4A-5A	Band 4	20	16QAM	1745	20300	1	99	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.01	20.03	21.00
CA_4A-5A	Band 5	10	QPSK	829	20450	1	0	Band 4	20	2132.5	2175	/	/	/	/	/	/	/	/	23.20	23.24	24.50
CA_5A-38A	Band 5	10	QPSK	829	20450	1	0	Band 38	20	2595	38000	/	/	/	/	/	/	/	/	23.11	23.24	24.50
CA_5A-38A	Band 38	20	16QAM	2610	38150	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.88	21.00	21.50
CA_5A-41A	Band 5	10	QPSK	829	20450	1	0	Band 41	20	2593	40620	/	/	/	/	/	/	/	/	23.13	23.24	24.50
CA_5A-41A	Band 41	20	16QAM	2680	41490	1	0	Band 5	10	881.5	2525	/	/	/	/	/	/	/	/	20.70	20.92	21.50
CA_4A-7C	Band 4	20	16QAM	1745	20300	1	99	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	19.93	20.03	21.00
CA_4A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 4	20	2132.5	2175	/	/	/	/	17.97	18.11	19.00
CA_5A-7C	Band 5	10	QPSK	829	20450	1	0	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	/	/	/	/	23.11	23.24	24.50
CA_5A-7C	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 5	10	881.5	2525	/	/	/	/	18.01	18.11	19.00
CA_26A-41C	Band 26	15	QPSK	831.5	26865	1	74	Band 41	20	2583.1	40521	Band 41	20	2602.9	40719	/	/	/	/	22.85	23.06	24.50
CA_26A-41C	Band 41	20	16QAM	2680	41490	1	0	Band 41	20	2660.2	41292	Band 26	15	876.5	8865	/	/	/	/	20.84	20.92	21.50
CA_41A-41C	Band 41	20	16QAM	2506	39750	50	25	Band 41	20	2660.2	41292	Band 41	20	2680	41490	/	/	/	/	20.72	20.84	21.50
CA_5A-66A-66A	Band 5	10	QPSK	829	20450	1	0	Band 66	20	2120	66536	Band 66	20	2190	67236	/	/	/	/	23.19	23.24	24.50
CA_5A-66A-66A	Band 66	20	16QAM	1720	132072	1	50	Band 66	20	2172.5	67061	Band 5	10	881.5	2525	/	/	/	/	19.97	20.11	21.00
CA_41A-41D	Band 41	20	16QAM	2506	39750	50	25	Band 41	20	2640.4	41094	Band 41	20	2660.2	41292	Band 41	20	2680	41490	20.62	20.84	21.50
CA_7C-66A-66A	Band 7	20	16QAM	2510	20850	1	0	Band 7	20	2529.8	21048	Band 66	20	2120	66536	Band 66	20	2190	67236	17.99	18.11	19.00
CA_7C-66A-66A	Band 66	20	16QAM	1720	132072	1	50	Band 66	20	2172.5	67061	Band 7	20	2645.1	3001	Band 7	20	2664.9	3199	20.04	20.11	21.00

Table 22 : Conducted Power of DL CA

## 5 Conducted Power of WiFi and BT

### 5.1.1 Conducted Power of WiFi

WiFi 2.4G Ant7(chain 0) Receiver Off						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	19.50	<b>18.62</b>	Yes
	6	2437		19.50	18.60	NO
	11	2462		19.50	18.26	NO
802.11g	1	2412	6	19.00	17.93	NO
	6	2437		19.00	17.99	NO
	11	2462		19.00	17.81	NO
802.11g	1	2412	MCS0	19.00	18.11	NO
	6	2437		19.00	18.24	NO
	11	2462		19.00	17.74	NO

WiFi 2.4G Ant7(chain 0) Receiver On						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	15.50	<b>14.21</b>	Yes
	6	2437		15.50	<b>14.26</b>	Yes
	11	2462		15.50	<b>14.25</b>	Yes
802.11g	1	2412	6	15.00	14.14	NO
	6	2437		15.00	14.02	NO
	11	2462		15.00	13.71	NO
802.11g	1	2412	MCS0	15.00	14.03	NO
	6	2437		15.00	14.12	NO
	11	2462		15.00	13.73	NO

WiFi 2.4G Ant7(chain 0) Receiver On(WWAN+WiFi 2.4G/WiFi 2.4G+WiFi 5G)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	10.00	<b>8.82</b>	Yes
	6	2437		10.00	8.81	NO
	11	2462		10.00	8.63	NO
802.11g	1	2412	6	9.50	8.36	NO
	6	2437		9.50	8.84	NO
	11	2462		9.50	8.49	NO
802.11g	1	2412	MCS0	9.50	8.69	NO
	6	2437		9.50	9.19	NO
	11	2462		9.50	8.61	NO

WiFi 2.4G Ant7(chain 0) Receiver On(WWAN+WiFi 2.4G+WiFi 5G)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	8.50	<b>7.43</b>	Yes
	6	2437		8.50	7.38	NO
	11	2462		8.50	6.97	NO
802.11g	1	2412	6	8.00	6.14	NO
	6	2437		8.00	6.65	NO
	11	2462		8.00	6.15	NO
802.11g	1	2412	MCS0	8.00	6.68	NO
	6	2437		8.00	7.18	NO
	11	2462		8.00	6.53	NO

WiFi 2.4G Ant7(chain 0) Receiver Off(WWAN+WiFi 2.4G/WiFi 2.4G+WiFi 5G)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	14.50	<b>13.13</b>	Yes
	6	2437		14.50	13.11	NO
	11	2462		14.50	12.84	NO
802.11g	1	2412	6	14.00	12.88	NO
	6	2437		14.00	12.95	NO
	11	2462		14.00	12.84	NO
802.11g	1	2412	MCS0	14.00	12.58	NO
	6	2437		14.00	12.54	NO
	11	2462		14.00	12.06	NO

WiFi 2.4G Ant7(chain 0) Receiver Off(WWAN+WiFi 2.4G+WiFi 5G)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	13.00	<b>11.48</b>	Yes
	6	2437		13.00	11.38	NO
	11	2462		13.00	10.87	NO
802.11g	1	2412	6	12.50	11.29	NO
	6	2437		12.50	11.13	NO
	11	2462		12.50	10.88	NO
802.11g	1	2412	MCS0	12.50	11.14	NO
	6	2437		12.50	11.05	NO
	11	2462		12.50	10.89	NO



WiFi 2.4G Ant8(chain 1) Receiver Off						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	2412	6	18.00	<b>17.14</b>	Yes
	6	2437		18.00	17.08	NO
	11	2462		18.00	16.97	NO
802.11n HT20 SISO	1	2412	MCS0	18.00	17.07	NO
	6	2437		18.00	17.09	NO
	11	2462		18.00	16.75	NO

WiFi 2.4G Ant8(chain 1) Receiver On						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	2412	6	14.50	<b>13.21</b>	Yes
	6	2437		14.50	13.11	NO
	11	2462		14.50	12.94	NO
802.11n HT20 SISO	1	2412	MCS0	14.50	13.77	NO
	6	2437		14.50	13.34	NO
	11	2462		14.50	13.12	NO

WiFi 2.4G Ant8(chain 1) Receiver On(WWAN+WiFi 2.4G/WWAN+WiFi 2.4G+BT/WiFi 2.4G+BT)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	2412	6	9.50	<b>7.35</b>	NO
	6	2437		9.50	6.95	NO
	11	2462		9.50	7.29	NO
802.11n HT20 SISO	1	2412	MCS0	9.50	<b>7.61</b>	NO
	6	2437		9.50	7.43	NO
	11	2462		9.50	6.92	NO

WiFi 2.4G Ant8(chain 1) Receiver Off(WWAN+WiFi 2.4G/WiFi 2.4G+BT)						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	2412	6	13.00	<b>12.14</b>	NO
	6	2437		13.00	12.08	NO
	11	2462		13.00	11.83	NO
802.11n HT20 SISO	1	2412	MCS0	13.00	<b>11.45</b>	NO
	6	2437		13.00	11.09	NO
	11	2462		13.00	10.81	NO

WiFi 2.4G CDD/MIMO Receiver Off					
Mode	Channel	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	6	22.00	<b>20.88</b>	Yes
	6		22.00	20.54	NO
	11		22.00	20.40	NO
802.11n HT20 SISO	1	6.5	22.00	20.68	NO
	6		22.00	20.66	NO
	11		22.00	20.63	NO

WiFi 2.4G CDD/MIMO Receiver On					
Mode	Channel	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	6	18.00	<b>16.76</b>	Yes
	6		18.00	<b>16.50</b>	Yes
	11		18.00	<b>16.12</b>	Yes
802.11n HT20 SISO	1	6.5	18.00	15.77	NO
	6		18.00	15.57	NO
	11		18.00	15.19	NO

WiFi 2.4G CDD/MIMO Receiver On(WWAN+WiFi 2.4G)					
Mode	Channel	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11g	1	6	12.5	<b>10.90</b>	Yes
	6		12.5	10.36	NO
	11		12.5	10.78	NO
802.11n HT20 SISO	1	6.5	12.5	11.19	NO
	6		12.5	11.37	NO
	11		12.5	10.77	NO

WiFi 5G Ant7(chain 1) Receiver On							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	11.00	9.87	NO
		40	5200		11.00	9.91	NO
		44	5220		11.00	10.05	NO
		48	5240		11.00	10.13	NO
	U-NII-2A	52	5260		11.00	<b>9.69</b>	Yes
		56	5280		11.00	9.56	NO
		60	5300		11.00	<b>9.68</b>	Yes
		64	5320		11.00	<b>9.84</b>	Yes
	U-NII-2C	100	5500		11.00	10.35	NO
		104	5520		11.00	10.34	NO
		108	5540		11.00	10.39	NO
		112	5560		11.00	9.91	NO
		116	5580		11.00	<b>10.40</b>	Yes
		120	5600		11.00	10.15	NO

		124	5620		11.00	9.84	NO
		128	5640		11.00	10.24	NO
		132	5660		11.00	9.57	NO
		136	5680		11.00	9.70	NO
		140	5700		11.00	9.65	NO
	U-NII-3	149	5745		11.00	<b>10.17</b>	Yes
		153	5765		11.00	10.16	NO
		157	5785		11.00	9.99	NO
		161	5805		11.00	9.84	NO
		165	5825		11.00	9.86	NO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	10.50	9.26	NO
		40	5200		10.50	9.34	NO
		44	5220		10.50	9.36	NO
		48	5240		10.50	9.48	NO
	U-NII-2A	52	5260		10.50	8.99	NO
		56	5280		10.50	8.93	NO
		60	5300		10.50	9.12	NO
		64	5320		10.50	9.16	NO
		100	5500		10.50	9.79	NO
		104	5520		10.50	9.81	NO
	U-NII-2C	108	5540		10.50	9.36	NO
		112	5560		10.50	9.62	NO
		116	5580		10.50	9.78	NO
		120	5600		10.50	9.79	NO
		124	5620		10.50	9.86	NO
		128	5640		10.50	9.53	NO
		132	5660		10.50	9.47	NO
		136	5680		10.50	9.56	NO
		140	5700		10.50	9.68	NO
		U-NII-3	149		5745	10.50	9.67
	153		5765		10.50	9.53	NO
	157		5785		10.50	9.53	NO
	161		5805		10.50	9.83	NO
	165		5825		10.50	9.72	NO
165	5825		10.50	9.81	NO		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	10.50	9.78	NO
		46	5230		10.50	9.97	NO
	U-NII-2A	54	5270		10.50	9.52	NO
		62	5310		10.50	9.58	NO
	U-NII-2C	102	5510		10.50	10.08	NO
		110	5550		10.50	9.06	NO
		118	5590		10.50	9.37	NO
		126	5630		10.50	8.97	NO
	U-NII-3	134	5670		10.50	9.23	NO
		151	5755		10.50	9.33	NO

5GHz	mode	159 Channel	5795 Frequency(MHz)	Data Rate(Mbps)	10.50 Tune up	9.48 Average Power (dBm)	NO SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	10.00	8.77	NO
		40	5200		10.00	8.73	NO
		44	5220		10.00	8.95	NO
		48	5240		10.00	8.88	NO
	U-NII-2A	52	5260		10.00	8.56	NO
		56	5280		10.00	8.55	NO
		60	5300		10.00	8.54	NO
		64	5320		10.00	8.79	NO
	U-NII-2C	100	5500		10.00	9.66	NO
		104	5520		10.00	9.72	NO
		108	5540		10.00	9.94	NO
		112	5560		10.00	9.65	NO
		116	5580		10.00	9.88	NO
		120	5600		10.00	9.99	NO
		124	5620		10.00	8.71	NO
		128	5640		10.00	8.96	NO
		132	5660		10.00	9.11	NO
		136	5680		10.00	9.13	NO
	U-NII-3	140	5700		10.00	9.22	NO
		149	5745		10.00	9.42	NO
153		5765	10.00	9.36	NO		
157		5785	10.00	9.49	NO		
161		5805	10.00	9.46	NO		
		165	5825	10.00	9.54	NO	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	10.00	9.48	NO
		46	5230		10.00	9.52	NO
	U-NII-2A	54	5270		10.00	9.08	NO
		62	5310		10.00	9.12	NO
	U-NII-2C	102	5510		10.00	9.56	NO
		110	5550		10.00	9.76	NO
		118	5590		10.00	9.70	NO
		126	5630		10.00	8.43	NO
	U-NII-3	134	5670		10.00	8.70	NO
		151	5755		10.00	9.06	NO
159		5795	10.00	9.00	NO		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	10.00	8.96	NO
	U-NII-2A	58	5290		10.00	8.58	NO
	U-NII-2C	106	5530		10.00	9.23	NO
		122	5610		10.00	9.57	NO
	U-NII-3	155	5775	10.00	8.70	NO	

WiFi 5G Ant7(chain 1) Receiver On(WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WiFi 2.4G+WiFi 5G)/(WiFi 5G+BT)									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test		
802.11a	U-NII-1	36	5180	6	7.50	6.22	NO		
		40	5200		7.50	6.21	NO		
		44	5220		7.50	6.37	NO		
		48	5240		7.50	6.45	NO		
	U-NII-2A	52	5260		7.50	6.43	NO		
		56	5280		7.50	6.34	NO		
		60	5300		7.50	6.48	NO		
		64	5320		7.50	<b>6.64</b>	Yes		
	U-NII-2C	100	5500		7.50	6.57	NO		
		104	5520		7.50	6.72	NO		
		108	5540		7.50	6.76	NO		
		112	5560		7.50	6.27	NO		
		116	5580		7.50	<b>6.81</b>	Yes		
		120	5600		7.50	6.49	NO		
		124	5620		7.50	6.17	NO		
		128	5640		7.50	6.59	NO		
		132	5660		7.50	5.88	NO		
		136	5680		7.50	6.04	NO		
	U-NII-3	140	5700		7.50	5.97	NO		
		149	5745		7.50	<b>6.54</b>	Yes		
		153	5765		7.50	6.52	NO		
		157	5785		7.50	6.30	NO		
		161	5805		7.50	6.20	NO		
			165		5825	7.50	6.20	NO	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11n-HT20	U-NII-1	36		5180	MCS0	7.00	5.57	NO
			40		5200		7.00	5.64	NO
			44		5220		7.00	5.70	NO
48			5240	7.00	5.81		NO		
U-NII-2A		52	5260	7.00	5.28		NO		
		56	5280	7.00	5.21		NO		
		60	5300	7.00	5.40		NO		
		64	5320	7.00	5.46		NO		
U-NII-2C		100	5500	7.00	6.13		NO		
		104	5520	7.00	6.16		NO		
		108	5540	7.00	5.70		NO		
		112	5560	7.00	5.94		NO		
		116	5580	7.00	6.10		NO		
		120	5600	7.00	6.12		NO		
		124	5620	7.00	6.16		NO		
		128	5640	7.00	5.82		NO		

		132	5660		7.00	5.75	NO		
		136	5680		7.00	5.91	NO		
		140	5700		7.00	6.00	NO		
	U-NII-3	149	5745		7.00	5.96	NO		
		153	5765		7.00	5.84	NO		
		157	5785		7.00	6.13	NO		
		161	5805		7.00	6.07	NO		
		165	5825		7.00	6.09	NO		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test	
802.11n- HT40		U-NII-1	38	5190	MCS0	7.00	6.26	NO	
	46		5230	7.00		6.44	NO		
	U-NII-2A	54	5270	7.00		5.98	NO		
		62	5310	7.00		6.07	NO		
	U-NII-2C	102	5510	7.00		6.56	NO		
		110	5550	7.00		5.50	NO		
		118	5590	7.00		5.84	NO		
		126	5630	7.00		5.47	NO		
		134	5670	7.00		5.72	NO		
	U-NII-3	151	5755	7.00		5.76	NO		
		159	5795	7.00		5.98	NO		
	5GHz	mode	Channel	Frequency(MHz)		Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11ac 20M	U-NII-1	36	5180		MCS0	6.50	5.06	NO
40			5200	6.50	5.08		NO		
44			5220	6.50	5.30		NO		
48			5240	6.50	5.18		NO		
U-NII-2A		52	5260	6.50	4.80		NO		
		56	5280	6.50	4.69		NO		
		60	5300	6.50	4.85		NO		
		64	5320	6.50	5.12		NO		
		U-NII-2C	100	5500	6.50		5.97	NO	
104			5520	6.50	6.01		NO		
108			5540	6.50	6.23		NO		
112			5560	6.50	6.33		NO		
116			5580	6.50	6.48		NO		
120			5600	6.50	6.50		NO		
124			5620	6.50	5.02		NO		
128			5640	6.50	5.29		NO		
132			5660	6.50	5.45		NO		
136			5680	6.50	5.45		NO		
140			5700	6.50	5.57		NO		
U-NII-3			149	5745	6.50		5.75	NO	
		153	5765	6.50	5.66		NO		
		157	5785	6.50	5.82		NO		
		161	5805	6.50	5.79		NO		
		165	5825	6.50	5.88		NO		
5GHz		mode	Channel	Frequency(MHz)	Data		Tune up	Average	SAR

				Rate(Mbps)		Power (dBm)	Test
802.11ac 40M	U-NII-1	38	5190	MCS0	6.50	5.23	NO
		46	5230		6.50	5.13	NO
	U-NII-2A	54	5270		6.50	5.47	NO
		62	5310		6.50	5.48	NO
	U-NII-2C	102	5510		6.50	5.94	NO
		110	5550		6.50	6.13	NO
		118	5590		6.50	6.03	NO
		126	5630		6.50	4.81	NO
	U-NII-3	134	5670		6.50	5.04	NO
		151	5755		6.50	5.43	NO
		159	5795		6.50	5.34	NO
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	6.50	5.09	NO
	U-NII-2A	58	5290		6.50	4.61	NO
	U-NII-2C	106	5530		6.50	5.65	NO
		122	5610		6.50	6.09	NO
	U-NII-3	155	5775		6.50	5.05	NO

WiFi 5G Ant7(chain 1) Receiver On(WWAN+WiFi 2.4G+WiFi 5G)							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	6.50	5.32	No
		40	5200		6.50	5.33	No
		44	5220		6.50	5.46	No
		48	5240		6.50	5.55	No
	U-NII-2A	52	5260		6.50	5.07	No
		56	5280		6.50	4.95	No
		60	5300		6.50	5.11	No
		64	5320		6.50	<b>5.49</b>	Yes
	U-NII-2C	100	5500		6.50	5.67	No
		104	5520		6.50	5.77	No
		108	5540		6.50	5.87	No
		112	5560		6.50	5.33	No
		116	5580		6.50	<b>5.91</b>	Yes
		120	5600		6.50	5.54	No
		124	5620		6.50	5.25	No
		128	5640		6.50	5.69	No
		132	5660		6.50	4.97	No
		136	5680		6.50	5.15	No
	140	5700	6.50		5.06	No	
	U-NII-3	149	5745		6.50	<b>5.66</b>	Yes
		153	5765		6.50	5.62	No
		157	5785		6.50	5.37	No
		161	5805		6.50	5.31	No

5GHz	mode	165 Channel	5825 Frequency(MHz)	Data Rate(Mbps)	6.50 Tune up	5.26 Average Power (dBm)	No SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	6.00	4.66	No
		40	5200		6.00	4.75	No
		44	5220		6.00	4.81	No
		48	5240		6.00	4.89	No
	U-NII-2A	52	5260		6.00	4.39	No
		56	5280		6.00	4.28	No
		60	5300		6.00	4.52	No
		64	5320		6.00	4.53	No
	U-NII-2C	100	5500		6.00	5.19	No
		104	5520		6.00	5.23	No
		108	5540		6.00	4.80	No
		112	5560		6.00	5.04	No
		116	5580		6.00	5.19	No
		120	5600		6.00	5.22	No
		124	5620		6.00	5.27	No
		128	5640		6.00	4.88	No
		132	5660		6.00	4.86	No
		136	5680		6.00	5.02	No
	U-NII-3	140	5700		6.00	5.08	No
		149	5745		6.00	5.04	No
153		5765	6.00	4.91	No		
157		5785	6.00	5.24	No		
161		5805	6.00	5.13	No		
		165	5825	6.00	5.18	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	6.00	5.35	No
		46	5230		6.00	5.53	No
	U-NII-2A	54	5270		6.00	5.05	No
		62	5310		6.00	5.15	No
	U-NII-2C	102	5510		6.00	5.67	No
		110	5550		6.00	4.58	No
		118	5590		6.00	4.91	No
		126	5630		6.00	4.56	No
	U-NII-3	134	5670		6.00	4.81	No
		151	5755		6.00	4.85	No
159		5795	6.00	5.04	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	5.50	4.14	No
		40	5200		5.50	4.19	No
		44	5220		5.50	4.37	No
		48	5240		5.50	4.25	No
	U-NII-2A	52	5260		5.50	3.89	No



		56	5280		5.50	3.76	No	
		60	5300		5.50	3.97	No	
		64	5320		5.50	4.19	No	
		U-NII-2C	100		5500	5.50	5.04	No
			104		5520	5.50	5.07	No
			108		5540	5.50	5.29	No
			112		5560	5.50	5.42	No
			116		5580	5.50	5.58	No
			120		5600	5.50	5.56	No
			124		5620	5.50	4.08	No
			128		5640	5.50	4.39	No
			132		5660	5.50	4.51	No
			136		5680	5.50	4.53	No
			140		5700	5.50	4.62	No
		U-NII-3	149		5745	5.50	4.87	No
			153		5765	5.50	4.74	No
			157		5785	5.50	4.89	No
			161		5805	5.50	4.90	No
			165		5825	5.50	4.96	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test	
802.11ac 40M	U-NII-1	38	5190	MCS0	5.50	4.32	No	
		46	5230		5.50	4.21	No	
	U-NII-2A	54	5270		5.50	4.56	No	
		62	5310		5.50	4.54	No	
	U-NII-2C	102	5510		5.50	5.06	No	
		110	5550		5.50	5.20	No	
		118	5590		5.50	5.09	No	
		126	5630		5.50	3.91	No	
		134	5670		5.50	4.14	No	
	U-NII-3	151	5755		5.50	4.50	No	
		159	5795		5.50	4.43	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test	
802.11ac 80M	U-NII-1	42	5210	MCS0	5.50	4.16	No	
	U-NII-2A	58	5290		5.50	3.67	No	
	U-NII-2C	106	5530		5.50	4.75	No	
		122	5610		5.50	5.18	No	
	U-NII-3	155	5775		5.50	4.15	No	

WiFi 5G Ant7(chain 1) Receiver Off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	18.00	16.86	No
		40	5200		18.00	17.05	No
		44	5220		18.00	17.52	No

		48	5240		18.00	<b>17.53</b>	Yes
	U-NII-2A	52	5260		18.00	16.54	No
		56	5280		18.00	16.67	No
		60	5300		18.00	<b>17.18</b>	Yes
		64	5320		18.00	<b>17.19</b>	Yes
		100	5500		18.00	17.31	No
	U-NII-2C	104	5520		18.00	17.29	No
		108	5540		18.00	<b>17.32</b>	Yes
		112	5560		18.00	16.85	No
		116	5580		18.00	17.30	No
		120	5600		18.00	17.15	No
		124	5620		18.00	17.18	No
		128	5640		18.00	17.09	No
		132	5660		18.00	16.57	No
		136	5680		18.00	16.72	No
		140	5700		18.00	16.59	No
	U-NII-3	149	5745		18.00	<b>16.94</b>	Yes
		153	5765		18.00	16.92	No
		157	5785		18.00	16.93	No
		161	5805		18.00	16.65	No
		165	5825		18.00	16.74	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	17.50	16.43	No
		40	5200		17.50	16.49	No
		44	5220		17.50	16.54	No
		48	5240		17.50	16.73	No
	U-NII-2A	52	5260		17.50	16.01	No
		56	5280		17.50	16.21	No
		60	5300		17.50	16.27	No
		64	5320		17.50	16.41	No
		100	5500		17.50	16.87	No
		104	5520		17.50	16.94	No
	U-NII-2C	108	5540		17.50	17.04	No
		112	5560		17.50	16.51	No
		116	5580		17.50	16.58	No
		120	5600		17.50	16.61	No
		124	5620		17.50	16.78	No
		128	5640		17.50	16.72	No
		132	5660		17.50	16.72	No
		136	5680		17.50	16.03	No
		140	5700		17.50	16.11	No
		149	5745		17.50	16.23	No
U-NII-3	153	5765	17.50	16.18	No		
	157	5785	17.50	16.35	No		
	161	5805	17.50	16.21	No		
	165	5825	17.50	16.03	No		
	165	5825	17.50	16.15	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power	SAR Test

						(dBm)	
802.11n- HT40	U-NII-1	38	5190	MCS0	17.50	16.95	No
		46	5230		17.50	17.23	No
	U-NII-2A	54	5270		17.50	16.71	No
		62	5310		17.50	17.05	No
	U-NII-2C	102	5510		17.50	17.06	No
		110	5550		17.50	17.04	No
		118	5590		17.50	17.11	No
		126	5630		17.50	17.01	No
	U-NII-3	134	5670		17.50	16.47	No
		151	5755		17.50	16.72	No
159		5795	17.50	16.74	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	17.00	15.74	No
		40	5200		17.00	15.93	No
		44	5220		17.00	16.06	No
		48	5240		17.00	16.11	No
	U-NII-2A	52	5260		17.00	15.46	No
		56	5280		17.00	15.73	No
		60	5300		17.00	15.82	No
		64	5320		17.00	15.98	No
	U-NII-2C	100	5500		17.00	16.34	No
		104	5520		17.00	16.37	No
		108	5540		17.00	16.57	No
		112	5560		17.00	15.87	No
		116	5580		17.00	15.97	No
		120	5600		17.00	16.18	No
		124	5620		17.00	16.21	No
		128	5640		17.00	16.18	No
	U-NII-3	132	5660		17.00	16.18	No
		136	5680		17.00	15.53	No
		140	5700		17.00	15.61	No
		149	5745		17.00	15.68	No
153		5765	17.00	15.63	No		
157		5785	17.00	15.86	No		
161		5805	17.00	15.78	No		
165		5825	17.00	15.53	No		
					15.49	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	17.00	16.52	No
		46	5230		17.00	16.74	No
	U-NII-2A	54	5270		17.00	16.17	No
		62	5310		17.00	16.49	No
	U-NII-2C	102	5510		17.00	16.55	No
		110	5550		17.00	16.56	No
		118	5590		17.00	16.63	No
		126	5630	17.00	16.83	No	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	U-NII-3	134	5670		17.00	16.08	No
		151	5755		17.00	16.27	No
		159	5795		17.00	16.21	No
802.11ac 80M	U-NII-1	42	5210	MCS0	17.00	16.29	No
	U-NII-2A	58	5290		17.00	16.06	No
	U-NII-2C	106	5530		17.00	16.68	No
		122	5610		17.00	16.42	No
	U-NII-3	155	5775		17.00	16.19	No

WiFi 5G Ant7(chain 1) Receiver Off(WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WWAN+WiFi 2.4G+WiFi 5G)/(WiFi 2.4G+WiFi 5G)/(WiFi 5G+BT)									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test		
802.11a	U-NII-1	36	5180	6	13.00	11.87	No		
		40	5200		13.00	11.85	No		
		44	5220		13.00	12.06	No		
		48	5240		13.00	<b>12.14</b>	Yes		
	U-NII-2A	52	5260		13.00	11.63	No		
		56	5280		13.00	11.59	No		
		60	5300		13.00	11.75	No		
		64	5320		13.00	11.84	No		
	U-NII-2C	100	5500		13.00	12.34	No		
		104	5520		13.00	12.41	No		
		108	5540		13.00	12.54	No		
		112	5560		13.00	11.84	No		
		116	5580		13.00	12.12	No		
		120	5600		13.00	12.19	No		
		124	5620		13.00	12.03	No		
		128	5640		13.00	12.24	No		
		132	5660		13.00	11.69	No		
		136	5680		13.00	11.74	No		
	U-NII-3	140	5700		13.00	11.63	No		
		149	5745		13.00	<b>12.11</b>	Yes		
		153	5765		13.00	12.09	No		
		157	5785		13.00	12.03	No		
		161	5805		13.00	11.98	No		
		165	5825		13.00	11.94	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11n- HT20	U-NII-1	36		5180	MCS0	12.50	11.24	No
			40		5200		12.50	11.27	No
			44		5220		12.50	11.34	No
48			5240	12.50	11.47		No		
U-NII-2A		52	5260	12.50	10.93		No		

		56	5280		12.50	10.88	No
		60	5300		12.50	10.87	No
		64	5320		12.50	11.14	No
		100	5500		12.50	11.64	No
		104	5520		12.50	11.67	No
		108	5540		12.50	11.42	No
		112	5560		12.50	11.13	No
		116	5580		12.50	11.25	No
		120	5600		12.50	11.24	No
		124	5620		12.50	10.46	No
		128	5640		12.50	11.49	No
		132	5660		12.50	11.52	No
		136	5680		12.50	10.76	No
		140	5700		12.50	10.76	No
		149	5745		12.50	11.03	No
		153	5765		12.50	11.02	No
		157	5785		12.50	11.13	No
161	5805	12.50	10.84	No			
165	5825	12.50	11.04	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	12.50	11.83	No
		46	5230		12.50	11.95	No
	U-NII-2A	54	5270		12.50	11.43	No
		62	5310		12.50	11.62	No
	U-NII-2C	102	5510		12.50	12.21	No
		110	5550		12.50	12.16	No
		118	5590		12.50	11.06	No
		126	5630		12.50	11.08	No
	U-NII-3	134	5670		12.50	11.32	No
		151	5755		12.50	10.84	No
		159	5795		12.50	10.71	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.00	10.61	No
		40	5200		12.00	10.63	No
		44	5220		12.00	10.93	No
		48	5240		12.00	10.96	No
	U-NII-2A	52	5260		12.00	10.31	No
		56	5280		12.00	10.37	No
		60	5300		12.00	10.49	No
	U-NII-2C	64	5320		12.00	10.58	No
		100	5500		12.00	11.56	No
		104	5520		12.00	11.79	No
		108	5540		12.00	11.81	No
		112	5560		12.00	10.65	No
		116	5580		12.00	10.78	No
		120	5600		12.00	10.82	No

		124	5620		12.00	10.74	No
		128	5640		12.00	11.01	No
		132	5660		12.00	11.03	No
		136	5680		12.00	10.18	No
		140	5700		12.00	10.25	No
	U-NII-3	149	5745		12.00	10.47	No
		153	5765		12.00	10.48	No
		157	5785		12.00	10.73	No
		161	5805		12.00	10.38	No
		165	5825		12.00	10.53	No
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 40M	U-NII-1	38	5190	MCS0	12.00	11.34	No
		46	5230		12.00	11.48	No
	U-NII-2A	54	5270		12.00	11.02	No
		62	5310		12.00	11.06	No
	U-NII-2C	102	5510		12.00	11.63	No
		110	5550		12.00	11.76	No
		118	5590		12.00	10.69	No
		126	5630		12.00	10.65	No
	U-NII-3	134	5670		12.00	10.84	No
		151	5755		12.00	10.32	No
159		5795	12.00	10.43	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.00	11.09	No
	U-NII-2A	58	5290		12.00	10.65	No
	U-NII-2C	106	5530		12.00	11.34	No
		122	5610		12.00	10.27	No
	U-NII-3	155	5775		12.00	10.01	No

WiFi 5G Ant(chain 0) Receiver On							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	14.00	13.12	NO
		40	5200		14.00	13.15	NO
		44	5220		14.00	13.18	NO
		48	5240		14.00	13.35	NO
	U-NII-2A	52	5260		14.00	<b>13.13</b>	Yes
		56	5280		14.00	13.11	NO
		60	5300		14.00	13.05	NO
		64	5320		14.00	13.12	NO
	U-NII-2C	100	5500		14.00	<b>13.29</b>	Yes
		104	5520		14.00	13.27	NO
		108	5540		14.00	13.15	NO
		112	5560		14.00	13.04	NO

		116	5580		14.00	12.94	NO
		120	5600		14.00	13.07	NO
		124	5620		14.00	13.04	NO
		128	5640		14.00	13.09	NO
		132	5660		14.00	12.73	NO
		136	5680		14.00	12.79	NO
		140	5700		14.00	12.93	NO
	U-NII-3	149	5745		14.00	<b>12.98</b>	Yes
		153	5765		14.00	12.83	NO
		157	5785		14.00	12.81	NO
		161	5805		14.00	12.57	NO
		165	5825		14.00	12.62	NO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	13.50	12.42	NO
		40	5200		13.50	12.47	NO
		44	5220		13.50	12.63	NO
		48	5240		13.50	12.69	NO
	U-NII-2A	52	5260		13.50	12.43	NO
		56	5280		13.50	12.45	NO
		60	5300		13.50	12.36	NO
		64	5320		13.50	12.44	NO
	U-NII-2C	100	5500		13.50	12.51	NO
		104	5520		13.50	12.67	NO
		108	5540		13.50	12.59	NO
		112	5560		13.50	12.41	NO
		116	5580		13.50	12.47	NO
		120	5600		13.50	12.51	NO
		124	5620		13.50	12.48	NO
		128	5640		13.50	12.47	NO
	U-NII-3	132	5660		13.50	12.16	NO
		136	5680		13.50	12.31	NO
		140	5700		13.50	12.09	NO
		149	5745		13.50	12.23	NO
153		5765	13.50	12.05	NO		
157		5785	13.50	12.11	NO		
161		5805	13.50	11.91	NO		
165		5825	13.50	11.89	NO		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	13.50	13.03	NO
		46	5230		13.50	13.18	NO
	U-NII-2A	54	5270		13.50	13.04	NO
		62	5310		13.50	13.01	NO
	U-NII-2C	102	5510		13.50	13.20	NO
		110	5550		13.50	13.11	NO
		118	5590		13.50	13.07	NO
		126	5630		13.50	13.05	NO

		134	5670		13.50	12.82	NO
	U-NII-3	151	5755		13.50	12.83	NO
		159	5795		13.50	12.72	NO
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 20M	U-NII-1	36	5180	MCS0	13.00	12.01	NO
		40	5200		13.00	12.03	NO
		44	5220		13.00	12.11	NO
		48	5240		13.00	12.09	NO
	U-NII-2A	52	5260		13.00	11.97	NO
		56	5280		13.00	11.92	NO
		60	5300		13.00	11.88	NO
		64	5320		13.00	12.01	NO
	U-NII-2C	100	5500		13.00	12.13	NO
		104	5520		13.00	12.17	NO
		108	5540		13.00	11.79	NO
		112	5560		13.00	12.04	NO
		116	5580		13.00	11.97	NO
		120	5600		13.00	12.03	NO
		124	5620		13.00	11.98	NO
		128	5640		13.00	11.83	NO
		132	5660		13.00	11.75	NO
		136	5680		13.00	11.69	NO
	U-NII-3	140	5700		13.00	11.66	NO
		149	5745		13.00	11.73	NO
153		5765	13.00	11.59	NO		
157		5785	13.00	11.61	NO		
161		5805	13.00	11.44	NO		
		165	5825	13.00	11.42	NO	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	13.00	12.51	NO
		46	5230		13.00	12.68	NO
	U-NII-2A	54	5270		13.00	12.53	NO
		62	5310		13.00	12.45	NO
		102	5510		13.00	12.71	NO
	U-NII-2C	110	5550		13.00	12.63	NO
		118	5590		13.00	12.46	NO
		126	5630		13.00	12.53	NO
		134	5670		13.00	11.81	NO
	U-NII-3	151	5755		13.00	12.33	NO
159		5795	13.00	12.21	NO		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	13.00	12.21	NO
	U-NII-2A	58	5290		13.00	12.04	NO
	U-NII-2C	106	5530		13.00	12.38	NO



		122	5610		13.00	12.08	NO
	U-NII-3	155	5775		13.00	11.73	NO

WiFi 5G Ant8(chain 0) Receiver On (WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WiFi 5G+BT)							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	9.50	8.73	NO
		40	5200		9.50	8.70	NO
		44	5220		9.50	8.76	NO
		48	5240		9.50	8.91	NO
	U-NII-2A	52	5260		9.50	<b>8.74</b>	Yes
		56	5280		9.50	8.66	NO
		60	5300		9.50	8.62	NO
		64	5320		9.50	8.75	NO
	U-NII-2C	100	5500		9.50	<b>8.94</b>	Yes
		104	5520		9.50	8.93	NO
		108	5540		9.50	8.73	NO
		112	5560		9.50	8.63	NO
		116	5580		9.50	8.55	NO
		120	5600		9.50	8.65	NO
		124	5620		9.50	8.61	NO
		128	5640		9.50	8.71	NO
		132	5660		9.50	8.30	NO
		136	5680		9.50	8.36	NO
	U-NII-3	140	5700		9.50	8.48	NO
		149	5745		9.50	<b>8.60</b>	Yes
		153	5765		9.50	8.40	NO
		157	5785		9.50	8.42	NO
		161	5805		9.50	8.13	NO
			165		5825	9.50	8.23
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	9.00	8.02	No
		40	5200		9.00	8.05	No
		44	5220		9.00	8.19	No
		48	5240		9.00	8.30	No
	U-NII-2A	52	5260		9.00	8.01	No
		56	5280		9.00	8.07	No
		60	5300		9.00	7.98	No
		64	5320		9.00	8.04	No
	U-NII-2C	100	5500		9.00	8.11	No
		104	5520		9.00	8.28	No
		108	5540		9.00	8.16	No
		112	5560		9.00	8.00	No
		116	5580		9.00	8.06	No
		120	5600		9.00	8.09	No
		124	5620		9.00	8.04	No

		128	5640		9.00	8.08	No		
		132	5660		9.00	7.71	No		
		136	5680		9.00	7.92	No		
		140	5700		9.00	7.69	No		
	U-NII-3	149	5745		9.00	7.84	No		
		153	5765		9.00	7.64	No		
		157	5785		9.00	7.73	No		
		161	5805		9.00	7.50	No		
		165	5825		9.00	7.44	No		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test	
802.11n- HT40		U-NII-1	38	5190	MCS0	9.00	8.44	No	
			46	5230		9.00	8.63	No	
	U-NII-2A	54	5270	9.00		8.42	No		
		62	5310	9.00		8.44	No		
	U-NII-2C	102	5510	9.00		8.67	No		
		110	5550	9.00		8.51	No		
		118	5590	9.00		8.52	No		
		126	5630	9.00		8.45	No		
		134	5670	9.00		8.23	No		
	U-NII-3	151	5755	9.00		8.21	No		
		159	5795	9.00		8.15	No		
	5GHz	mode	Channel	Frequency(MHz)		Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11ac 20M	U-NII-1	36	5180		MCS0	8.50	7.22	No
			40	5200			8.50	7.19	No
44			5220	8.50	7.32		No		
48			5240	8.50	7.46		No		
U-NII-2A		52	5260	8.50	7.16		No		
		56	5280	8.50	7.12		No		
		60	5300	8.50	7.14		No		
		64	5320	8.50	7.27		No		
U-NII-2C		100	5500	8.50	7.30		No		
		104	5520	8.50	7.33		No		
		108	5540	8.50	7.26		No		
		112	5560	8.50	7.12		No		
		116	5580	8.50	7.06		No		
		120	5600	8.50	7.17		No		
		124	5620	8.50	7.15		No		
		128	5640	8.50	7.13		No		
		132	5660	8.50	6.74		No		
		136	5680	8.50	6.85		No		
U-NII-3		140	5700	8.50	7.00		No		
		149	5745	8.50	7.23		No		
		153	5765	8.50	6.95		No		
		157	5785	8.50	6.98		No		
		161	5805	8.50	6.62		No		
		165	5825	8.50	6.76		No		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	8.50	8.13	No
		46	5230		8.50	8.25	No
	U-NII-2A	54	5270		8.50	8.12	No
		62	5310		8.50	8.04	No
	U-NII-2C	102	5510		8.50	8.32	No
		110	5550		8.50	8.21	No
		118	5590		8.50	8.07	No
		126	5630		8.50	8.08	No
		134	5670		8.50	7.39	No
	U-NII-3	151	5755		8.50	7.93	No
		159	5795		8.50	7.83	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.50	7.62	No
	U-NII-2A	58	5290		8.50	7.45	No
	U-NII-2C	106	5530		8.50	7.79	No
		122	5610		8.50	7.51	No
	U-NII-3	155	5775		8.50	7.12	No

WiFi 5G Ant8(chain 0) Receiver Off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	18.00	16.94	No
		40	5200		18.00	17.04	No
		44	5220		18.00	17.12	No
		48	5240		18.00	<b>17.15</b>	Yes
	U-NII-2A	52	5260		18.00	<b>17.02</b>	Yes
		56	5280		18.00	17.00	No
		60	5300		18.00	16.92	No
		64	5320		18.00	17.01	No
	U-NII-2C	100	5500		18.00	<b>17.17</b>	Yes
		104	5520		18.00	17.16	No
		108	5540		18.00	17.08	No
		112	5560		18.00	17.15	No
		116	5580		18.00	16.86	No
		120	5600		18.00	16.94	No
		124	5620		18.00	16.98	No
		128	5640		18.00	16.97	No
		132	5660		18.00	16.67	No
		136	5680		18.00	16.75	No
	140	5700	18.00		16.77	No	
	U-NII-3	149	5745		18.00	<b>16.95</b>	Yes
		153	5765		18.00	16.76	No
		157	5785		18.00	16.71	No

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
		161	5805		18.00	16.54	No
		165	5825		18.00	16.55	No
802.11n-HT20	U-NII-1	36	5180	MCS0	17.50	16.33	No
		40	5200		17.50	16.31	No
		44	5220		17.50	16.42	No
		48	5240		17.50	16.54	No
	U-NII-2A	52	5260		17.50	16.25	No
		56	5280		17.50	16.21	No
		60	5300		17.50	16.22	No
		64	5320		17.50	16.37	No
	U-NII-2C	100	5500		17.50	16.47	No
		104	5520		17.50	16.52	No
		108	5540		17.50	16.33	No
		112	5560		17.50	16.19	No
		116	5580		17.50	16.11	No
		120	5600		17.50	16.27	No
		124	5620		17.50	16.21	No
		128	5640		17.50	16.13	No
		132	5660		17.50	15.96	No
		136	5680		17.50	15.98	No
		140	5700		17.50	16.07	No
	U-NII-3	149	5745		17.50	16.13	No
		153	5765	17.50	16.01	No	
		157	5785	17.50	16.05	No	
		161	5805	17.50	15.86	No	
		165	5825	17.50	15.84	No	
802.11n-HT40	U-NII-1	38	5190	MCS0	17.50	16.88	No
		46	5230		17.50	17.02	No
	U-NII-2A	54	5270		17.50	16.92	No
		62	5310		17.50	16.84	No
	U-NII-2C	102	5510		17.50	17.03	No
		110	5550		17.50	16.86	No
		118	5590		17.50	16.77	No
		126	5630		17.50	16.83	No
		134	5670		17.50	16.46	No
	U-NII-3	151	5755		17.50	16.74	No
		159	5795		17.50	16.62	No
802.11ac 20M	U-NII-1	36	5180		MCS0	17.00	16.43
		40	5200	17.00		16.01	No
		44	5220	17.00		16.13	No
		48	5240	17.00		16.21	No

	U-NII-2A	52	5260		17.00	16.03	No
		56	5280		17.00	15.94	No
		60	5300		17.00	16.01	No
		64	5320		17.00	16.06	No
	U-NII-2C	100	5500		17.00	16.17	No
		104	5520		17.00	16.23	No
		108	5540		17.00	16.09	No
		112	5560		17.00	15.93	No
		116	5580		17.00	15.87	No
		120	5600		17.00	16.05	No
		124	5620		17.00	15.98	No
		128	5640		17.00	15.94	No
		132	5660		17.00	15.56	No
		136	5680		17.00	15.69	No
	U-NII-3	140	5700		17.00	15.52	No
		149	5745		17.00	15.97	No
153		5765	17.00	15.70	No		
157		5785	17.00	15.78	No		
161		5805	17.00	15.57	No		
		165	5825	17.00	15.52	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	17.00	16.21	No
		46	5230		17.00	16.38	No
	U-NII-2A	54	5270		17.00	16.34	No
		62	5310		17.00	16.34	No
	U-NII-2C	102	5510		17.00	16.49	No
		110	5550		17.00	16.32	No
		118	5590		17.00	16.24	No
		126	5630		17.00	16.34	No
	U-NII-3	134	5670		17.00	15.97	No
		151	5755		17.00	16.21	No
159		5795	17.00	16.07	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	17.00	16.08	No
	U-NII-2A	58	5290		17.00	15.86	No
	U-NII-2C	106	5530		17.00	16.17	No
		122	5610		17.00	15.95	No
	U-NII-3	155	5775		17.00	15.62	No

WiFi 5G Ant8(chain 0) Receiver Off(WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WiFi 5G+BT)							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	13.00	12.03	No
		40	5200		13.00	12.18	No

		44	5220		13.00	12.25	No
		48	5240		13.00	<b>12.27</b>	Yes
	U-NII-2A	52	5260		13.00	12.08	No
		56	5280		13.00	12.14	No
		60	<b>5300</b>		13.00	12.00	No
		64	5320		13.00	12.16	No
		100	5500		13.00	12.11	No
	U-NII-2C	104	5520		13.00	12.29	No
		108	5540		13.00	12.18	No
		112	5560		13.00	13.06	No
		116	5580		13.00	11.94	No
		120	5600		13.00	12.07	No
		124	5620		13.00	12.09	No
		128	5640		13.00	12.12	No
		132	5660		13.00	11.80	No
		136	5680		13.00	11.87	No
		140	5700		13.00	11.89	No
	U-NII-3	149	5745		13.00	<b>11.96</b>	Yes
		153	5765		13.00	11.89	No
		157	5785		13.00	11.81	No
		161	5805		13.00	11.66	No
		165	5825		13.00	11.68	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	12.50	11.21	No
		40	5200		12.50	11.21	No
		44	5220		12.50	11.37	No
		48	5240		12.50	11.47	No
	U-NII-2A	52	5260		12.50	11.15	No
		56	5280		12.50	11.13	No
		60	5300		12.50	11.11	No
		64	5320		12.50	11.32	No
		100	5500		12.50	11.42	No
	U-NII-2C	104	5520		12.50	11.41	No
		108	5540		12.50	11.22	No
		112	5560		12.50	11.11	No
		116	5580		12.50	11.00	No
		120	5600		12.50	11.19	No
		124	5620		12.50	11.13	No
		128	5640		12.50	11.02	No
		132	5660		12.50	11.13	No
		136	5680		12.50	10.84	No
		140	5700		12.50	10.88	No
	U-NII-3	149	5745		12.50	11.00	No
153		5765	12.50	11.08	No		
157		5785	12.50	10.91	No		
161		5805	12.50	10.93	No		
165		5825	12.50	10.75	No		
5GHz	mode	Channel	Frequency(MHz)	Data	Tune up	Average	SAR Test

				Rate(Mbps)		Power (dBm)	
802.11n- HT40	U-NII-1	38	5190	MCS0	12.50	11.82	No
		46	5230		12.50	11.91	No
	U-NII-2A	54	5270		12.50	11.82	No
		62	5310		12.50	11.72	No
	U-NII-2C	102	5510		12.50	11.93	No
		110	5550		12.50	11.79	No
		118	5590		12.50	11.67	No
		126	5630		12.50	11.72	No
		134	5670		12.50	11.35	No
	U-NII-3	151	5755		12.50	11.68	No
		159	5795		12.50	11.54	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.00	11.32	No
		40	5200		12.00	10.89	No
		44	5220		12.00	11.01	No
		48	5240		12.00	11.12	No
	U-NII-2A	52	5260		12.00	10.95	No
		56	5280		12.00	10.87	No
		60	5300		12.00	10.91	No
		64	5320		12.00	11.01	No
		100	5500		12.00	11.05	No
		104	5520		12.00	11.17	No
	U-NII-2C	108	5540		12.00	11.02	No
		112	5560		12.00	10.81	No
		116	5580		12.00	10.77	No
		120	5600		12.00	10.93	No
		124	5620		12.00	10.88	No
		128	5640		12.00	10.88	No
		132	5660		12.00	10.47	No
		136	5680		12.00	10.59	No
		140	5700		12.00	10.40	No
		U-NII-3	149		5745	12.00	10.91
	153		5765		12.00	10.64	No
	157		5785		12.00	10.73	No
	161		5805		12.00	10.48	No
	165		5825		12.00	10.41	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	12.00	11.15	No
		46	5230		12.00	11.33	No
	U-NII-2A	54	5270		12.00	11.26	No
		62	5310		12.00	11.22	No
	U-NII-2C	102	5510		12.00	11.40	No
		110	5550		12.00	11.24	No
		118	5590		12.00	11.17	No

		126	5630		12.00	11.23	No
		134	5670		12.00	10.86	No
	U-NII-3	151	5755		12.00	11.10	No
		159	5795		12.00	11.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.00	10.97	No
	U-NII-2A	58	5290		12.00	10.77	No
	U-NII-2C	106	5530		12.00	11.06	No
		122	5610		12.00	10.89	No
	U-NII-3	155	5775		12.00	10.52	No

WiFi 5G CDD/MIMO Receiver On							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	13.11	14.00	NO
		40	5200		13.14	14.00	NO
		44	5220		13.27	14.00	NO
		48	5240		13.31	14.00	NO
	U-NII-2A	52	5260		12.95	14.00	NO
		56	5280		<b>12.99</b>	14.00	Yes
		60	5300		<b>12.97</b>	14.00	Yes
		64	5320		<b>13.13</b>	14.00	Yes
	U-NII-2C	100	5500		<b>13.29</b>	14.00	Yes
		104	5520		<b>13.27</b>	14.00	Yes
		108	5540		<b>13.30</b>	14.00	Yes
		112	5560		13.06	14.00	NO
		116	5580		13.13	14.00	NO
		120	5600		13.11	14.00	NO
		124	5620		13.13	14.00	NO
		128	5640		13.18	14.00	NO
	U-NII-3	132	5660		12.73	14.00	NO
		136	5680		12.89	14.00	NO
		140	5700		12.80	14.00	NO
		149	5745		12.94	14.00	NO
153		5765	<b>12.97</b>	14.00	Yes		
157		5785	12.92	14.00	NO		
		161	5805	12.67	14.00	NO	
		165	5825	12.71	14.00	NO	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	12.48	13.50	NO
		40	5200		12.53	13.50	NO
		44	5220		12.64	13.50	NO
		48	5240		12.71	13.50	NO
	U-NII-2A	52	5260		12.34	13.50	NO



	U-NII-2C	56	5280		12.36	13.50	NO	
		60	5300		12.38	13.50	NO	
		64	5320		12.45	13.50	NO	
		100	5500		12.76	13.50	NO	
		104	5520		12.72	13.50	NO	
		108	5540		12.74	13.50	NO	
		112	5560		12.37	13.50	NO	
		116	5580		12.44	13.50	NO	
		120	5600		12.44	13.50	NO	
		124	5620		12.51	13.50	NO	
		128	5640		12.51	13.50	NO	
		132	5660		12.09	13.50	NO	
		136	5680		12.14	13.50	NO	
		140	5700		12.19	13.50	NO	
		U-NII-3	149		5745	12.33	13.50	NO
			153		5765	12.35	13.50	NO
157	5785		12.21	13.50	NO			
161	5805		12.02	13.50	NO			
165	5825		12.08	13.50	NO			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n- HT40	U-NII-1	38	5190	MCS0	13.07	13.50	NO	
		46	5230		13.19	13.50	NO	
	U-NII-2A	54	5270		12.95	13.50	NO	
		62	5310		13.00	13.50	NO	
	U-NII-2C	102	5510		13.09	13.50	NO	
		110	5550		13.17	13.50	NO	
		118	5590		13.06	13.50	NO	
		126	5630		13.09	13.50	NO	
	U-NII-3	134	5670		12.61	13.50	NO	
		151	5755		12.83	13.50	NO	
159		5795	12.85	13.50	NO			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ac 20M	U-NII-1	36	5180	MCS0	12.54	13.50	NO	
		40	5200		12.55	13.50	NO	
		44	5220		12.64	13.50	NO	
		48	5240		12.71	13.50	NO	
	U-NII-2A	52	5260		12.38	13.50	NO	
		56	5280		12.43	13.50	NO	
		60	5300		12.45	13.50	NO	
		64	5320		12.50	13.50	NO	
	U-NII-2C	100	5500		12.72	13.50	NO	
		104	5520		12.78	13.50	NO	
		108	5540		12.79	13.50	NO	
		112	5560		12.54	13.50	NO	
		116	5580		12.53	13.50	NO	
		120	5600		12.56	13.50	NO	

		124	5620		12.58	13.50	NO
		128	5640		12.59	13.50	NO
		132	5660		12.70	13.50	NO
		136	5680		12.25	13.50	NO
		140	5700		12.18	13.50	NO
	U-NII-3	149	5745		12.28	13.50	NO
		153	5765		12.34	13.50	NO
		157	5785		12.26	13.50	NO
		161	5805		12.13	13.50	NO
		165	5825		12.13	13.50	NO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	13.06	13.50	NO
		46	5230		13.15	13.50	NO
	U-NII-2A	54	5270		12.92	13.50	NO
		62	5310		12.98	13.50	NO
	U-NII-2C	102	5510		13.16	13.50	NO
		110	5550		12.98	13.50	NO
		118	5590		13.04	13.50	NO
		126	5630		13.07	13.50	NO
	U-NII-3	134	5670		12.69	13.50	NO
		151	5755		12.83	13.50	NO
159		5795	12.79	13.50	NO		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.66	13.50	NO
	U-NII-2A	58	5290		12.50	13.50	NO
	U-NII-2C	106	5530		12.70	13.50	NO
		122	5610		12.45	13.50	NO
	U-NII-3	155	5775		12.17	13.50	NO

WiFi 5G CDD/MIMO Receiver On(WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WiFi 5G+BT)							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	8.47	10.00	No
		40	5200		8.67	10.00	No
		44	5220		8.62	10.00	No
		48	5240		8.77	10.00	No
	U-NII-2A	52	5260		8.78	10.00	No
		56	5280		8.70	10.00	No
		60	<b>5300</b>		8.77	10.00	No
		64	5320		<b>8.84</b>	10.00	Yes
	U-NII-2C	100	5500		8.87	10.00	No
		104	5520		8.86	10.00	No
		108	5540		<b>9.39</b>	10.00	Yes
		112	5560		8.71	10.00	No

		116	5580		8.71	10.00	No
		120	5600		8.66	10.00	No
		124	5620		9.20	10.00	No
		128	5640		9.33	10.00	No
		132	5660		9.38	10.00	No
		136	5680		8.26	10.00	No
		140	5700		8.37	10.00	No
	U-NII-3	149	5745		8.59	10.00	No
		153	5765		<b>8.67</b>	10.00	Yes
		157	5785		8.63	10.00	No
		161	5805		7.91	10.00	No
		165	5825		8.03	10.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	7.84	9.50	No
		40	5200		7.96	9.50	No
		44	5220		7.94	9.50	No
		48	5240		7.96	9.50	No
	U-NII-2A	52	5260		8.12	9.50	No
		56	5280		7.87	9.50	No
		60	5300		8.03	9.50	No
		64	5320		8.07	9.50	No
	U-NII-2C	100	5500		8.18	9.50	No
		104	5520		8.16	9.50	No
		108	5540		8.14	9.50	No
		112	5560		8.00	9.50	No
		116	5580		7.94	9.50	No
		120	5600		7.93	9.50	No
		124	5620		8.42	9.50	No
		128	5640		8.51	9.50	No
	U-NII-3	132	5660		8.57	9.50	No
		136	5680		7.37	9.50	No
		140	5700		7.33	9.50	No
		149	5745		7.69	9.50	No
153		5765	7.76	9.50	No		
157		5785	7.71	9.50	No		
161		5805	7.41	9.50	No		
165		5825	7.14	9.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	7.34	9.50	No
		46	5230		7.74	9.50	No
	U-NII-2A	54	5270		7.92	9.50	No
		62	5310		7.83	9.50	No
	U-NII-2C	102	5510		8.06	9.50	No
		110	5550		8.10	9.50	No
		118	5590		7.65	9.50	No
		126	5630		8.21	9.50	No

		134	5670		8.31	9.50	No
	U-NII-3	151	5755		7.51	9.50	No
		159	5795		7.53	9.50	No
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	7.16	9.00	No
		40	5200		7.29	9.00	No
		44	5220		7.26	9.00	No
		48	5240		7.35	9.00	No
	U-NII-2A	52	5260		7.45	9.00	No
		56	5280		7.34	9.00	No
		60	5300		7.33	9.00	No
		64	5320		7.53	9.00	No
		100	5500		7.56	9.00	No
		104	5520		7.68	9.00	No
	U-NII-2C	108	5540		7.82	9.00	No
		112	5560		7.60	9.00	No
		116	5580		7.24	9.00	No
		120	5600		7.34	9.00	No
		124	5620		7.81	9.00	No
		128	5640		8.02	9.00	No
		132	5660		8.10	9.00	No
		136	5680		6.78	9.00	No
	U-NII-3	140	5700		6.75	9.00	No
		149	5745		7.27	9.00	No
153		5765	7.38	9.00	No		
157		5785	7.43	9.00	No		
161		5805	6.73	9.00	No		
165		5825	6.89	9.00	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	7.00	9.00	No
		46	5230		7.15	9.00	No
	U-NII-2A	54	5270		7.24	9.00	No
		62	5310		7.32	9.00	No
		102	5510		7.57	9.00	No
		110	5550		7.60	9.00	No
	U-NII-2C	118	5590		7.65	9.00	No
		126	5630		7.73	9.00	No
		134	5670		7.94	9.00	No
		151	5755		7.10	9.00	No
	U-NII-3	159	5795		7.13	9.00	No
		5GHz	mode		Channel	Frequency(MHz)	Data Rate(Mbps)
802.11ac 80M	U-NII-1	42	5210	MCS0	6.92	9.00	No
	U-NII-2A	58	5290		6.75	9.00	No
	U-NII-2C	106	5530		7.28	9.00	No

		122	5610		6.93	9.00	No
	U-NII-3	155	5775		6.91	9.00	No

WiFi 5G CDD/MIMO Receiver Off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	19.00	20.00	No
		40	5200		19.10	20.00	No
		44	5220		19.17	20.00	No
		48	5240		<b>19.18</b>	20.00	Yes
	U-NII-2A	52	5260		18.86	20.00	No
		56	5280		<b>19.09</b>	20.00	No
		60	5300		<b>19.23</b>	20.00	No
		64	5320		<b>19.26</b>	20.00	Yes
	U-NII-2C	100	5500		19.26	20.00	No
		104	5520		19.23	20.00	No
		108	5540		<b>19.28</b>	20.00	Yes
		112	5560		18.95	20.00	No
		116	5580		18.98	20.00	No
		120	5600		19.06	20.00	No
		124	5620		19.02	20.00	No
		128	5640		19.02	20.00	No
	U-NII-3	132	5660		18.60	20.00	No
		136	5680		18.62	20.00	No
		140	5700		18.57	20.00	No
		149	5745		18.78	20.00	No
153		5765	<b>18.85</b>	20.00	Yes		
157		5785	18.74	20.00	No		
		161	5805	18.52	20.00	No	
		165	5825	18.55	20.00	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	18.12	19.50	No
		40	5200		18.20	19.50	No
		44	5220		18.29	19.50	No
		48	5240		18.33	19.50	No
	U-NII-2A	52	5260		18.29	19.50	No
		56	5280		18.26	19.50	No
		60	5300		18.26	19.50	No
		64	5320		18.44	19.50	No
	U-NII-2C	100	5500		18.68	19.50	No
		104	5520		18.64	19.50	No
		108	5540		18.66	19.50	No
		112	5560		18.33	19.50	No
		116	5580		18.32	19.50	No
		120	5600		18.41	19.50	No
		124	5620		18.38	19.50	No

		128	5640		18.43	19.50	No	
		132	5660		17.94	19.50	No	
		136	5680		18.08	19.50	No	
		140	5700		18.07	19.50	No	
	U-NII-3	149	5745		18.16	19.50	No	
		153	5765		18.20	19.50	No	
		157	5785		18.09	19.50	No	
		161	5805		17.94	19.50	No	
		165	5825		18.00	19.50	No	
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT40		U-NII-1	38	5190	MCS0	18.94	19.50	No
	46		5230	19.08		19.50	No	
	U-NII-2A	54	5270	18.76		19.50	No	
		62	5310	18.88		19.50	No	
	U-NII-2C	102	5510	19.21		19.50	No	
		110	5550	18.87		19.50	No	
		118	5590	18.83		19.50	No	
		126	5630	18.89		19.50	No	
	U-NII-3	134	5670	18.36		19.50	No	
		151	5755	18.69		19.50	No	
		159	5795	18.62		19.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ac 20M	U-NII-1	36	5180	MCS0	17.92	19.00	No	
		40	5200		18.00	19.00	No	
		44	5220		18.11	19.00	No	
		48	5240		18.23	19.00	No	
	U-NII-2A	52	5260		17.82	19.00	No	
		56	5280		17.94	19.00	No	
		60	5300		17.94	19.00	No	
		64	5320		18.05	19.00	No	
	U-NII-2C	100	5500		18.29	19.00	No	
		104	5520		18.23	19.00	No	
		108	5540		18.31	19.00	No	
		112	5560		17.89	19.00	No	
		116	5580		17.93	19.00	No	
		120	5600		18.05	19.00	No	
		124	5620		18.05	19.00	No	
		128	5640		17.98	19.00	No	
		132	5660		17.51	19.00	No	
		136	5680		17.59	19.00	No	
	U-NII-3	140	5700		17.65	19.00	No	
		149	5745		17.61	19.00	No	
		153	5765		17.68	19.00	No	
		157	5785		17.65	19.00	No	
		161	5805		17.39	19.00	No	
		165	5825		17.46	19.00	No	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	18.33	19.00	No
		46	5230		18.23	19.00	No
	U-NII-2A	54	5270		18.16	19.00	No
		62	5310		18.36	19.00	No
	U-NII-2C	102	5510		18.68	19.00	No
		110	5550		18.36	19.00	No
		118	5590		18.31	19.00	No
		126	5630		18.40	19.00	No
	U-NII-3	134	5670		17.76	19.00	No
		151	5755		17.98	19.00	No
		159	5795		18.01	19.00	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	18.14	19.00	No
	U-NII-2A	58	5290		18.00	19.00	No
	U-NII-2C		5530		18.34	19.00	No
		122	5610		18.02	19.00	No
	U-NII-3	155	5775		17.83	19.00	No

WiFi 5G CDD/MIMO Receiver Off(WWAN+WiFi 5G)/(WWAN+WiFi 5G+BT)/(WiFi 5G+BT)							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	15.16	16.00	No
		40	5200		15.14	16.00	No
		44	5220		15.26	16.00	No
		48	5240		<b>15.28</b>	16.00	Yes
	U-NII-2A	52	5260		15.00	16.00	No
		56	5280		15.02	16.00	No
		60	<b>5300</b>		14.98	16.00	No
		64	5320		15.12	16.00	No
	U-NII-2C	100	5500		15.27	16.00	No
		104	5520		15.26	16.00	No
		108	5540		15.39	16.00	No
		112	5560		15.09	16.00	No
		116	5580		15.14	16.00	No
		120	5600		15.09	16.00	No
		124	5620		15.10	16.00	No
		128	5640		15.17	16.00	No
	U-NII-3	132	5660		14.96	16.00	No
		136	5680		14.79	16.00	No
		140	5700		14.73	16.00	No
		149	5745		14.86	16.00	No
		153	5765		<b>14.91</b>	16.00	Yes

		157	5785		14.84	16.00	No
		161	5805		14.69	16.00	No
		165	5825		14.73	16.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT20	U-NII-1	36	5180	MCS0	14.47	15.50	No
		40	5200		14.44	15.50	No
		44	5220		14.61	15.50	No
		48	5240		14.64	15.50	No
	U-NII-2A	52	5260		14.35	15.50	No
		56	5280		14.27	15.50	No
		60	5300		14.34	15.50	No
		64	5320		14.37	15.50	No
	U-NII-2C	100	5500		14.69	15.50	No
		104	5520		14.67	15.50	No
		108	5540		14.79	15.50	No
		112	5560		14.37	15.50	No
		116	5580		14.47	15.50	No
		120	5600		14.50	15.50	No
		124	5620		14.19	15.50	No
		128	5640		14.23	15.50	No
	U-NII-3	132	5660		14.24	15.50	No
		136	5680		14.13	15.50	No
		140	5700		14.03	15.50	No
		149	5745		14.24	15.50	No
153		5765	14.27	15.50	No		
157		5785	14.19	15.50	No		
		161	5805	14.04	15.50	No	
		165	5825	14.03	15.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	15.02	15.50	No
		46	5230		15.09	15.50	No
	U-NII-2A	54	5270		14.89	15.50	No
		62	5310		15.00	15.50	No
	U-NII-2C	102	5510		15.26	15.50	No
		110	5550		15.22	15.50	No
		118	5590		15.07	15.50	No
		126	5630		13.88	15.50	No
	U-NII-3	134	5670		14.15	15.50	No
		151	5755		14.79	15.50	No
159		5795	14.80	15.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	14.04	15.00	No
		40	5200		14.08	15.00	No
		44	5220		14.14	15.00	No



	U-NII-2A	48	5240	MCS0	14.23	15.00	No
		52	5260		13.91	15.00	No
		56	5280		13.85	15.00	No
		60	5300		13.91	15.00	No
		64	5320		13.92	15.00	No
	U-NII-2C	100	5500		15.01	15.00	No
		104	5520		14.97	15.00	No
		108	5540		14.93	15.00	No
		112	5560		14.71	15.00	No
		116	5580		14.74	15.00	No
		120	5600		14.77	15.00	No
		124	5620		13.77	15.00	No
		128	5640		13.69	15.00	No
	U-NII-3	132	5660		13.95	15.00	No
		136	5680		13.68	15.00	No
		140	5700		13.63	15.00	No
149		5745	14.30	15.00	No		
153		5765	14.28	15.00	No		
		157	5785	14.33	15.00	No	
		161	5805	13.50	15.00	No	
		165	5825	13.49	15.00	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	14.55	15.00	No
		46	5230		14.51	15.00	No
	U-NII-2A	54	5270		14.24	15.00	No
		62	5310		14.23	15.00	No
	U-NII-2C	102	5510		14.71	15.00	No
		110	5550		14.78	15.00	No
		118	5590		14.52	15.00	No
		126	5630		13.49	15.00	No
	U-NII-3	134	5670		13.73	15.00	No
		151	5755		14.01	15.00	No
159		5795	14.10	15.00	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	14.18	15.00	No
	U-NII-2A	58	5290		13.91	15.00	No
	U-NII-2C	106	5530		14.43	15.00	No
		122	5610		14.13	15.00	No
	U-NII-3	155	5775		13.72	15.00	No

Table 23 : Conducted Power of WiFi

**5.1.2 Conducted Power of BT**

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	13.25	<b>13.79</b>	13.31	14.00
	$\pi/4$ DQPSK	11.25	11.77	11.28	14.00
	8DPSK	11.22	11.74	11.63	14.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	3.29	3.59	3.36	7.00
BLE 2M	GFSK	3.18	3.48	3.31	7.00

Table 24 : Conducted Power of BT