

# Appendix E

## Conducted RF Output Power Table

Measurement of RF Conducted Power	
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## Measurement of RF Conducted Power

### 1 Conducted Power of Main Antenna(Ant1)

#### 1.1 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.59	22.64	22.65	24.00	
		1	2	22.52	22.59	22.58	24.00	
		1	5	22.48	22.52	22.48	24.00	
		3	0	22.55	22.54	22.53	24.00	
		3	1	22.50	22.53	22.53	24.00	
		3	3	22.38	22.47	22.40	24.00	
	16QAM	6	0	21.67	21.56	21.67	23.00	
		1	0	21.41	21.40	21.42	23.00	
		1	2	21.32	21.37	21.41	23.00	
		1	5	21.35	21.34	21.33	23.00	
		3	0	21.58	21.47	21.58	23.00	
		3	1	21.36	21.33	21.34	23.00	
	64QAM	3	3	21.57	21.49	21.62	23.00	
		6	0	20.50	20.54	20.57	22.00	
		1	0	20.39	20.39	20.40	22.00	
		1	2	20.40	20.40	20.46	22.00	
		1	5	20.34	20.39	20.42	22.00	
		3	0	20.45	20.47	20.49	22.00	
	3MHz	QPSK	3	1	20.34	20.35	20.34	22.00
			3	3	20.36	20.32	20.33	22.00
			6	0	19.46	19.54	19.54	21.00
1			0	22.6	22.64	22.6	24.00	
1			7	22.52	22.56	22.57	24.00	
1			14	22.51	22.49	22.51	24.00	
16QAM		8	0	21.55	21.6	21.57	23.00	
		8	4	21.74	21.6	21.7	23.00	
		8	7	21.67	21.62	21.59	23.00	
		15	0	21.65	21.59	21.72	23.00	
		1	0	21.38	21.44	21.42	23.00	
		1	7	21.35	21.37	21.4	23.00	
64QAM	1	14	21.31	21.37	21.35	23.00		
	8	0	20.65	20.67	20.65	22.00		
	8	4	20.6	20.65	20.64	22.00		
	8	7	20.68	20.71	20.7	22.00		
	15	0	20.46	20.53	20.53	22.00		
	1	0	20.40	20.39	20.43	22.00		
18625	18900	19175	1	7	20.41	20.40	20.42	22.00
			1	14	20.36	20.40	20.42	22.00
			8	0	19.54	19.55	19.56	21.00
			8	4	19.60	19.61	19.59	21.00
			8	7	19.65	19.66	19.64	21.00
			15	0	19.46	19.55	19.57	21.00
			18625	18900	19175			

5MHz	QPSK	1	0	22.60	22.59	22.61	24.00
		1	13	22.53	22.59	22.62	24.00
		1	24	22.47	22.53	22.49	24.00
		12	0	21.56	21.58	21.61	23.00
		12	6	21.72	21.60	21.69	23.00
		12	13	21.70	21.64	21.59	23.00
		25	0	21.64	21.59	21.68	23.00
	16QAM	1	0	21.40	21.40	21.44	23.00
		1	13	21.36	21.37	21.41	23.00
		1	24	21.32	21.34	21.37	23.00
		12	0	20.66	20.65	20.65	22.00
		12	6	20.64	20.67	20.61	22.00
		12	13	20.64	20.71	20.70	22.00
		25	0	20.50	20.55	20.57	22.00
	64QAM	1	0	20.40	20.43	20.41	22.00
		1	13	20.42	20.45	20.43	22.00
		1	24	20.34	20.39	20.40	22.00
		12	0	19.53	19.57	19.59	21.00
		12	6	19.60	19.58	19.60	21.00
		12	13	19.63	19.67	19.66	21.00
		25	0	19.45	19.54	19.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	22.61	22.59	22.63	24.00
		1	25	22.57	22.56	22.62	24.00
		1	49	22.5	22.49	22.49	24.00
		25	0	21.56	21.61	21.6	23.00
		25	13	21.72	21.57	21.66	23.00
		25	25	21.67	21.67	21.61	23.00
		50	0	21.67	21.56	21.71	23.00
	16QAM	1	0	21.39	21.42	21.41	23.00
		1	25	21.36	21.37	21.37	23.00
		1	49	21.31	21.35	21.36	23.00
		25	0	20.61	20.69	20.64	22.00
		25	13	20.61	20.64	20.66	22.00
		25	25	20.68	20.74	20.7	22.00
		50	0	20.49	20.54	20.58	22.00
	64QAM	1	0	20.40	20.41	20.42	22.00
		1	25	20.38	20.43	20.45	22.00
		1	49	20.37	20.42	20.40	22.00
		25	0	19.54	19.53	19.59	21.00
		25	13	19.57	19.61	19.59	21.00
		25	25	19.62	19.64	19.63	21.00
		50	0	19.49	19.52	19.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	22.61	22.63	22.63	24.00
		1	38	22.55	22.56	22.62	24.00
		1	74	22.49	22.53	22.51	24.00
		36	0	21.56	21.62	21.60	23.00
		36	18	21.71	21.60	21.66	23.00
		36	39	21.72	21.63	21.60	23.00
		75	0	21.66	21.54	21.68	23.00
	16QAM	1	0	21.41	21.42	21.40	23.00

		1	38	21.35	21.38	21.37	23.00
		1	74	21.31	21.35	21.38	23.00
		36	0	20.64	20.69	20.68	22.00
		36	18	20.63	20.67	20.63	22.00
		36	39	20.64	20.69	20.69	22.00
		75	0	20.49	20.54	20.54	22.00
		75	0	20.49	20.54	20.54	22.00
	64QAM	1	0	20.40	20.43	20.43	22.00
		1	38	20.39	20.40	20.46	22.00
		1	74	20.39	20.39	20.39	22.00
		36	0	19.56	19.54	19.56	21.00
		36	18	19.57	19.63	19.61	21.00
		36	39	19.62	19.65	19.63	21.00
		75	0	19.49	19.53	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.68	22.69	22.7	24.00
		1	50	22.62	22.64	22.67	24.00
		1	99	22.56	22.59	22.56	24.00
		50	0	21.64	21.67	21.67	23.00
		50	25	21.79	21.65	21.76	23.00
		50	50	21.77	21.72	21.69	23.00
		100	0	21.73	21.64	21.77	23.00
	16QAM	1	0	21.48	21.49	21.5	23.00
		1	50	21.42	21.44	21.46	23.00
		1	99	21.41	21.43	21.43	23.00
		50	0	20.71	20.75	20.74	22.00
		50	25	20.69	20.73	20.71	22.00
		50	50	20.74	20.79	20.77	22.00
		100	0	20.56	20.61	20.63	22.00
	64QAM	1	0	20.46	20.48	20.50	22.00
		1	50	20.47	20.50	20.51	22.00
		1	99	20.44	20.48	20.49	22.00
		50	0	19.61	19.63	19.66	21.00
		50	25	19.66	19.68	19.69	21.00
		50	50	19.70	19.72	19.73	21.00
		100	0	19.55	19.60	19.62	21.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.59	22.64	22.65	24.00
		1	2	22.52	22.59	22.58	24.00
		1	5	22.48	22.52	22.48	24.00
		3	0	22.55	22.54	22.53	24.00
		3	2	22.50	22.53	22.53	24.00
		3	3	22.38	22.47	22.40	24.00
	16QAM	6	0	21.67	21.56	21.67	23.00
		1	0	21.41	21.40	21.42	23.00
		1	2	21.32	21.37	21.41	23.00
		1	5	21.35	21.34	21.33	23.00
		3	0	21.58	21.47	21.58	23.00
		3	2	21.36	21.33	21.34	23.00
	64QAM	3	3	21.57	21.49	21.62	23.00
		6	0	20.50	20.54	20.57	22.00
		1	0	20.39	20.39	20.40	22.00
		1	2	20.40	20.40	20.46	22.00
		1	5	20.34	20.39	20.42	22.00
		3	0	20.45	20.47	20.49	22.00
3MHz	QPSK	3	2	20.34	20.35	20.34	22.00
		3	3	20.36	20.32	20.33	22.00
		6	0	19.46	19.54	19.54	21.00
		1	0	22.87	22.76	22.82	24.00
		1	7	22.79	22.76	22.78	24.00
		1	14	22.80	22.79	22.74	24.00
5MHz	QPSK	8	0	21.88	21.86	21.80	23.00
		8	4	21.88	21.92	21.88	23.00
		8	7	21.84	21.90	21.87	23.00
		15	0	21.81	21.85	21.79	23.00
		1	0	21.67	21.57	21.55	23.00
		1	7	21.65	21.53	21.61	23.00
	16QAM	1	14	21.70	21.64	21.63	23.00
		8	0	20.99	20.93	20.93	22.00
		8	4	21.02	20.94	20.98	22.00
		8	7	21.00	20.87	20.91	22.00
		15	0	20.85	20.76	20.81	22.00
		1	0	20.72	20.67	20.73	22.00
	64QAM	1	7	20.67	20.61	20.62	22.00
		1	14	20.84	20.68	20.76	22.00
		8	0	19.91	19.84	19.91	21.00
		8	4	19.99	19.89	19.93	21.00
		8	7	19.99	19.88	19.91	21.00
		15	0	19.86	19.73	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.84	22.78	22.78	24.00
		1	13	22.79	22.71	22.78	24.00
		1	24	22.85	22.78	22.76	24.00
		12	0	21.88	21.86	21.83	23.00

	16QAM	12	6	21.88	21.93	21.88	23.00
		12	13	21.87	21.87	21.87	23.00
		25	0	21.82	21.84	21.81	23.00
		1	0	21.65	21.56	21.56	23.00
		1	13	21.65	21.58	21.60	23.00
		1	24	21.71	21.61	21.64	23.00
		12	0	20.98	20.89	20.96	22.00
		12	6	21.02	20.91	20.99	22.00
		12	13	20.99	20.90	20.90	22.00
	25	0	20.86	20.77	20.83	22.00	
	64QAM	1	0	20.70	20.69	20.70	22.00
		1	13	20.68	20.61	20.64	22.00
		1	24	20.83	20.71	20.77	22.00
		12	0	19.90	19.84	19.89	21.00
		12	6	19.95	19.88	19.90	21.00
12		13	20.00	19.88	19.93	21.00	
25	0	19.84	19.76	19.77	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.87	22.77	22.83	24.00
		1	25	22.78	22.73	22.76	24.00
		1	49	22.83	22.80	22.74	24.00
		25	0	21.86	21.88	21.82	23.00
		25	13	21.89	21.94	21.86	23.00
		25	25	21.82	21.91	21.83	23.00
		50	0	21.81	21.82	21.81	23.00
	16QAM	1	0	21.66	21.57	21.60	23.00
		1	25	21.66	21.57	21.62	23.00
		1	49	21.70	21.64	21.66	23.00
		25	0	20.98	20.90	20.96	22.00
		25	13	21.02	20.90	20.97	22.00
		25	25	20.96	20.88	20.94	22.00
		50	0	20.83	20.74	20.81	22.00
	64QAM	1	0	20.73	20.66	20.72	22.00
		1	25	20.70	20.62	20.65	22.00
		1	49	20.83	20.70	20.74	22.00
		25	0	19.92	19.81	19.92	21.00
		25	13	19.96	19.87	19.93	21.00
		25	25	19.96	19.88	19.93	21.00
		50	0	19.87	19.75	19.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.83	22.77	22.78	24.00
		1	38	22.82	22.72	22.79	24.00
		1	74	22.82	22.79	22.74	24.00
		36	0	21.83	21.88	21.80	23.00
		36	18	21.86	21.91	21.89	23.00
		36	39	21.85	21.88	21.83	23.00
		75	0	21.83	21.81	21.82	23.00
	16QAM	1	0	21.65	21.58	21.60	23.00
		1	38	21.63	21.58	21.60	23.00
		1	74	21.72	21.64	21.66	23.00
		36	0	21.00	20.88	20.95	22.00
36	18	21.02	20.90	20.99	22.00		

	64QAM	36	39	20.97	20.88	20.90	22.00
		75	0	20.85	20.77	20.83	22.00
		1	0	20.74	20.66	20.69	22.00
		1	38	20.69	20.63	20.62	22.00
		1	74	20.81	20.73	20.78	22.00
		36	0	19.91	19.86	19.87	21.00
		36	18	19.94	19.90	19.90	21.00
		36	39	19.96	19.86	19.91	21.00
		75	0	19.86	19.76	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	22.93	22.83	22.88	24.00
		1	50	22.87	22.81	22.86	24.00
		1	99	22.90	22.85	22.82	24.00
		50	0	21.93	21.95	21.89	23.00
		50	25	21.95	22.00	21.95	23.00
		50	50	21.92	21.96	21.92	23.00
		100	0	21.89	21.90	21.87	23.00
	16QAM	1	0	21.74	21.64	21.65	23.00
		1	50	21.72	21.63	21.67	23.00
		1	99	21.80	21.70	21.73	23.00
		50	0	21.05	20.98	21.02	22.00
		50	25	21.07	21.00	21.04	22.00
		50	50	21.06	20.96	20.99	22.00
		100	0	20.92	20.83	20.88	22.00
	64QAM	1	0	20.80	20.76	20.78	22.00
		1	50	20.75	20.71	20.72	22.00
		1	99	20.89	20.78	20.84	22.00
		50	0	20.00	19.91	19.97	21.00
		50	25	20.04	19.96	20.00	21.00
		50	50	20.05	19.94	19.98	21.00
		100	0	19.92	19.83	19.86	21.00

Table 1 : Conducted Power of LTE

## 2 Conducted Power of Main Antenna(Ant3)

### 2.1 Conducted Power of LTE

LTE Band 41 Class3				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	22.25	22.40	22.85	22.23	22.11	24.00	
		1	13	22.28	22.52	22.85	22.06	22.08	24.00	
		1	24	22.35	22.59	23.00	22.24	22.07	24.00	
		12	0	21.45	21.65	21.92	21.21	21.20	23.00	
		12	6	21.54	21.66	22.03	21.22	21.21	23.00	
		12	13	21.39	21.72	22.04	21.28	21.15	23.00	
	16QAM	25	0	21.42	21.67	22.03	21.24	21.20	23.00	
		1	0	21.45	21.61	22.11	21.31	21.38	23.00	
		1	13	21.45	21.63	21.94	21.25	21.16	23.00	
		1	24	21.53	21.77	22.20	21.27	21.21	23.00	
		12	0	20.46	20.62	20.95	20.34	20.26	22.00	
		12	6	20.48	20.68	21.03	20.29	20.27	22.00	
	64QAM	12	13	20.49	20.77	21.17	20.32	20.13	22.00	
		25	0	20.46	20.66	20.98	20.25	20.30	22.00	
		1	0	20.56	20.69	21.14	20.41	20.43	22.00	
		1	13	20.53	20.67	21.04	20.33	20.24	22.00	
		1	24	20.60	20.86	21.24	20.34	20.30	22.00	
		12	0	19.59	19.70	20.07	19.43	19.31	21.00	
	10MHz	QPSK	12	6	19.57	19.75	20.14	19.38	19.36	21.00
			12	13	19.55	19.79	20.18	19.37	19.23	21.00
			25	0	19.48	19.80	20.13	19.32	19.32	21.00
1			0	22.37	22.51	22.91	22.30	22.23	24.00	
1			25	22.34	22.55	22.84	22.18	22.02	24.00	
1			49	22.43	22.61	23.04	22.30	22.20	24.00	
16QAM		25	0	21.51	21.64	21.97	21.36	21.26	23.00	
		25	13	21.46	21.69	22.07	21.31	21.32	23.00	
		25	25	21.50	21.75	22.13	21.32	21.18	23.00	
		50	0	21.42	21.72	22.04	21.24	21.28	23.00	
	1	0	21.55	21.68	22.15	21.31	21.33	23.00		
	1	25	21.51	21.59	22.07	21.29	21.14	23.00		
	1	49	21.64	21.77	22.19	21.30	21.31	23.00		
	25	0	20.51	20.68	21.10	20.43	20.30	22.00		
	25	13	20.52	20.75	21.07	20.35	20.32	22.00		
	25	25	20.55	20.81	21.15	20.32	20.23	22.00		
64QAM	50	0	20.52	20.79	21.03	20.35	20.25	22.00		
	1	0	20.51	20.67	21.13	20.44	20.43	22.00		
	1	25	20.54	20.68	21.05	20.33	20.19	22.00		
	1	49	20.62	20.83	21.23	20.37	20.33	22.00		
	25	0	19.60	19.72	20.07	19.43	19.33	21.00		
	25	13	19.52	19.76	20.10	19.38	19.31	21.00		
10MHz	64QAM	25	25	19.55	19.80	20.20	19.41	19.25	21.00	
		50	0	19.48	19.80	20.12	19.33	19.35	21.00	
		Channel	Channel	Channel	Channel	Channel	Tune up			
		39725	40173	40620	41068	41515				



15MHz	QPSK	1	0	22.39	22.53	23.00	22.30	22.22	24.00
		1	38	22.43	22.61	22.98	22.17	22.12	24.00
		1	74	22.45	22.68	23.09	22.34	22.21	24.00
		36	0	21.61	21.71	22.08	21.40	21.33	23.00
		36	18	21.59	21.79	22.13	21.36	21.34	23.00
		36	39	21.53	21.80	22.21	21.33	21.26	23.00
		75	0	21.53	21.80	22.13	21.34	21.31	23.00
	16QAM	1	0	21.52	21.71	22.16	21.43	21.46	23.00
		1	38	21.59	21.68	22.09	21.32	21.22	23.00
		1	74	21.64	21.89	22.28	21.36	21.30	23.00
		36	0	20.62	20.77	21.13	20.46	20.37	22.00
		36	18	20.53	20.75	21.14	20.41	20.38	22.00
		36	39	20.53	20.80	21.19	20.37	20.27	22.00
		75	0	20.51	20.82	21.19	20.37	20.38	22.00
	64QAM	1	0	20.53	20.66	21.17	20.44	20.41	22.00
		1	38	20.54	20.66	21.02	20.29	20.22	22.00
		1	74	20.58	20.82	21.26	20.37	20.30	22.00
		36	0	19.58	19.70	20.06	19.43	19.31	21.00
		36	18	19.56	19.75	20.14	19.41	19.36	21.00
		36	39	19.55	19.79	20.19	19.36	19.25	21.00
		75	0	19.51	19.76	20.13	19.31	19.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	22.45	22.57	23.02	22.35	22.29	24.00
		1	50	22.45	22.63	23.01	22.24	22.14	24.00
		1	99	22.52	22.73	23.15	22.39	22.30	24.00
		50	0	21.63	21.87	22.23	21.46	21.39	23.00
		50	25	21.61	21.82	22.19	21.39	21.38	23.00
		50	50	21.58	21.86	22.12	21.40	21.32	23.00
		100	0	21.56	21.82	22.17	21.41	21.39	23.00
	16QAM	1	0	21.61	21.74	22.22	21.49	21.48	23.00
		1	50	21.61	21.76	22.11	21.38	21.29	23.00
		1	99	21.68	21.91	22.33	21.43	21.39	23.00
		50	0	20.66	20.80	21.16	20.50	20.41	22.00
		50	25	20.62	20.84	21.20	20.48	20.41	22.00
		50	50	20.62	20.89	21.25	20.46	20.32	22.00
		100	0	20.57	20.85	21.21	20.41	20.42	22.00
	64QAM	1	0	20.52	20.65	21.12	20.39	20.39	22.00
		1	50	20.51	20.67	21.05	20.33	20.20	22.00
		1	99	20.61	20.86	21.25	20.38	20.32	22.00
		50	0	19.56	19.72	20.06	19.41	19.32	21.00
		50	25	19.52	19.79	20.10	19.43	19.36	21.00
		50	50	19.57	19.79	20.16	19.39	19.22	21.00
		100	0	19.49	19.75	20.12	19.36	19.34	21.00

LTE Band 41 Class2				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	25.33	25.46	25.89	25.25	25.17	27.00	
		1	13	25.34	25.54	25.87	25.12	25.13	27.00	
		1	24	25.41	25.66	26.08	25.28	25.14	27.00	
		12	0	24.53	24.68	24.99	24.26	24.22	26.00	
		12	6	24.59	24.70	25.11	24.24	24.29	26.00	
		12	13	24.41	24.78	25.12	24.36	24.16	26.00	
	16QAM	25	0	24.44	24.72	25.07	24.30	24.26	26.00	
		1	0	24.53	24.69	25.18	24.39	24.41	26.00	
		1	13	24.49	24.67	25.02	24.31	24.20	26.00	
		1	24	24.57	24.85	25.26	24.30	24.24	26.00	
		12	0	23.54	23.70	23.99	23.35	23.34	25.00	
		12	6	23.54	23.76	24.06	23.36	23.31	25.00	
	64QAM	12	13	23.57	23.78	24.20	23.33	23.14	25.00	
		25	0	23.51	23.73	24.02	23.33	23.31	25.00	
		1	0	23.61	23.77	24.19	23.45	23.45	25.00	
		1	13	23.55	23.79	24.05	23.33	23.21	25.00	
		1	24	23.63	23.89	24.31	23.38	23.32	25.00	
		12	0	22.60	22.77	23.15	22.47	22.36	24.00	
	10MHz	QPSK	12	6	22.54	22.77	23.20	22.44	22.38	24.00
			12	13	22.58	22.91	23.19	22.47	22.34	24.00
			25	0	22.58	22.84	23.16	22.38	22.45	24.00
			1	0	25.40	25.55	25.98	25.31	25.29	27.00
			1	25	25.41	25.62	25.91	25.26	25.07	27.00
			1	49	25.51	25.65	26.06	25.34	25.23	27.00
16QAM		25	0	24.53	24.66	25.02	24.40	24.30	26.00	
		25	13	24.52	24.74	25.10	24.34	24.33	26.00	
		25	25	24.53	24.77	25.17	24.34	24.22	26.00	
		50	0	24.46	24.79	25.11	24.29	24.36	26.00	
		1	0	24.62	24.75	25.23	24.33	24.40	26.00	
		1	25	24.57	24.60	25.14	24.32	24.20	26.00	
64QAM		1	49	24.70	24.84	25.27	24.33	24.32	26.00	
		25	0	23.53	23.73	24.17	23.50	23.36	25.00	
		25	13	23.54	23.79	24.14	23.38	23.39	25.00	
		25	25	23.56	23.89	24.16	23.34	23.29	25.00	
		50	0	23.55	23.84	24.04	23.42	23.28	25.00	
		1	0	23.57	23.75	24.17	23.44	23.46	25.00	
QPSK		1	25	23.57	23.74	24.02	23.37	23.22	25.00	
		1	49	23.65	23.91	24.32	23.41	23.34	25.00	
		25	0	22.59	22.79	23.11	22.49	22.34	24.00	
		25	13	22.57	22.75	23.19	22.44	22.34	24.00	
		25	25	22.57	22.92	23.21	22.49	22.30	24.00	
		50	0	22.57	22.84	23.14	22.38	22.42	24.00	
15MHz	QPSK	1	0	25.40	25.58	26.03	25.33	25.26	27.00	
		1	38	25.47	25.64	26.04	25.23	25.14	27.00	
1		74	25.48	25.73	26.12	25.38	25.22	27.00		
36		0	24.68	24.78	25.09	24.45	24.40	26.00		

	16QAM	36	18	24.62	24.82	25.14	24.44	24.42	26.00
		36	39	24.59	24.88	25.28	24.36	24.31	26.00
		75	0	24.61	24.83	25.14	24.38	24.33	26.00
		1	0	24.55	24.77	25.21	24.46	24.47	26.00
		1	38	24.67	24.71	25.12	24.34	24.28	26.00
		1	74	24.70	24.94	25.33	24.43	24.38	26.00
		36	0	23.70	23.82	24.16	23.50	23.41	25.00
		36	18	23.56	23.79	24.16	23.42	23.42	25.00
		36	39	23.54	23.81	24.20	23.38	23.34	25.00
	75	0	23.58	23.83	24.24	23.45	23.41	25.00	
	64QAM	1	0	23.59	23.75	24.17	23.42	23.48	25.00
		1	38	23.57	23.77	24.06	23.32	23.22	25.00
		1	74	23.66	23.91	24.31	23.38	23.35	25.00
		36	0	22.60	22.77	23.12	22.48	22.33	24.00
		36	18	22.53	22.78	23.18	22.45	22.35	24.00
		36	39	22.58	22.89	23.19	22.44	22.33	24.00
		75	0	22.60	22.85	23.13	22.40	22.45	24.00
	Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490
20MHz	QPSK	1	0	25.47	25.62	26.09	25.42	25.35	27.00
		1	50	25.46	25.66	26.05	25.26	25.19	27.00
		1	99	25.58	25.75	26.17	25.46	25.29	27.00
		50	0	24.70	24.83	25.17	24.50	24.45	26.00
		50	25	24.68	24.90	25.21	24.44	24.42	26.00
		50	50	24.66	24.88	25.26	24.44	24.39	26.00
		100	0	24.61	24.86	25.21	24.44	24.43	26.00
	16QAM	1	0	24.66	24.82	25.25	24.50	24.54	26.00
		1	50	24.63	24.84	25.12	24.42	24.31	26.00
		1	99	24.72	24.97	25.37	24.47	24.42	26.00
		50	0	23.67	23.87	24.20	23.54	23.42	25.00
		50	25	23.63	23.85	24.27	23.50	23.43	25.00
		50	50	23.66	23.97	24.26	23.54	23.39	25.00
		100	0	23.65	23.91	24.23	23.48	23.50	25.00
	64QAM	1	0	23.60	23.76	24.20	23.40	23.47	25.00
		1	50	23.56	23.79	24.03	23.34	23.21	25.00
		1	99	23.62	23.90	24.28	23.42	23.35	25.00
		50	0	22.61	22.79	23.10	22.44	22.32	24.00
		50	25	22.56	22.75	23.22	22.45	22.36	24.00
		50	50	22.58	22.92	23.18	22.49	22.30	24.00
		100	0	22.58	22.86	23.17	22.39	22.40	24.00



LTE Band 41 Class3 Simultaneous Transmission				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	20.25	20.36	20.83	20.20	20.10	22.00	
		1	13	20.23	20.50	20.82	20.06	20.08	22.00	
		1	24	20.35	20.57	20.98	20.19	20.06	22.00	
		12	0	20.40	20.65	20.89	20.17	20.20	22.00	
		12	6	20.53	20.66	21.02	20.22	20.20	22.00	
		12	13	20.36	20.70	21.04	20.27	20.13	22.00	
	16QAM	25	0	20.41	20.65	21.00	20.19	20.18	22.00	
		1	0	20.45	20.60	21.11	20.30	20.37	22.00	
		1	13	20.44	20.58	20.90	20.20	20.11	22.00	
		1	24	20.52	20.74	21.18	20.27	20.18	22.00	
		12	0	20.42	20.57	20.91	20.32	20.26	22.00	
		12	6	20.46	20.63	20.99	20.24	20.27	22.00	
	64QAM	12	13	20.49	20.75	21.16	20.28	20.11	22.00	
		25	0	20.46	20.61	20.94	20.25	20.28	22.00	
		1	0	20.55	20.68	21.09	20.36	20.42	22.00	
		1	13	20.48	20.66	21.03	20.29	20.23	22.00	
		1	24	20.56	20.84	21.24	20.30	20.30	22.00	
		12	0	19.56	19.70	20.02	19.38	19.29	21.00	
	10MHz	QPSK	12	6	19.55	19.72	20.09	19.33	19.34	21.00
			12	13	19.50	19.75	20.14	19.36	19.22	21.00
			25	0	19.48	19.75	20.08	19.30	19.31	21.00
1			0	20.20	20.39	20.82	20.21	20.09	22.00	
1			25	20.24	20.51	20.82	20.02	20.06	22.00	
1			49	20.32	20.54	20.97	20.24	20.06	22.00	
16QAM		25	0	20.41	20.65	20.87	20.17	20.15	22.00	
		25	13	20.53	20.63	21.00	20.18	20.20	22.00	
		25	25	20.37	20.67	21.01	20.25	20.11	22.00	
		50	0	20.37	20.64	20.98	20.23	20.17	22.00	
		1	0	20.43	20.61	21.08	20.30	20.37	22.00	
		1	25	20.42	20.58	20.92	20.23	20.11	22.00	
64QAM	1	49	20.49	20.74	21.18	20.26	20.20	22.00		
	25	0	20.43	20.57	20.91	20.34	20.23	22.00		
	25	13	20.48	20.64	21.02	20.29	20.23	22.00		
	25	25	20.46	20.75	21.12	20.31	20.10	22.00		
	50	0	20.41	20.66	20.95	20.22	20.26	22.00		
	1	0	20.54	20.65	21.10	20.40	20.41	22.00		
15MHz	QPSK	1	25	20.51	20.66	21.01	20.28	20.20	22.00	
		1	49	20.60	20.85	21.22	20.31	20.29	22.00	
		25	0	19.59	19.67	20.04	19.39	19.27	21.00	
		25	13	19.52	19.70	20.13	19.38	19.32	21.00	
		25	25	19.55	19.78	20.17	19.34	19.20	21.00	
		50	0	19.44	19.78	20.09	19.30	19.31	21.00	
		Channel	Channel	Channel	Channel	Channel	Tune up			
		39725	40173	40620	41068	41515				

	16QAM	36	18	20.49	20.61	20.99	20.18	20.20	22.00
		36	39	20.36	20.71	21.03	20.26	20.13	22.00
		75	0	20.37	20.64	21.02	20.20	20.18	22.00
		1	0	20.41	20.59	21.10	20.26	20.37	22.00
		1	38	20.44	20.63	20.93	20.24	20.11	22.00
		1	74	20.50	20.73	21.16	20.27	20.19	22.00
		36	0	20.41	20.57	20.95	20.32	20.21	22.00
		36	18	20.45	20.68	20.98	20.27	20.25	22.00
		36	39	20.47	20.73	21.15	20.31	20.10	22.00
	75	0	20.44	20.66	20.98	20.21	20.28	22.00	
	64QAM	1	0	20.51	20.66	21.14	20.41	20.41	22.00
		1	38	20.48	20.66	21.04	20.32	20.21	22.00
		1	74	20.55	20.84	21.19	20.29	20.26	22.00
		36	0	19.57	19.68	20.06	19.40	19.26	21.00
		36	18	19.57	19.72	20.12	19.38	19.31	21.00
		36	39	19.53	19.75	20.17	19.36	19.21	21.00
		75	0	19.43	19.76	20.11	19.27	19.30	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.24	20.37	20.81	20.21	20.06	22.00
		1	50	20.25	20.50	20.85	20.03	20.04	22.00
		1	99	20.32	20.56	21.00	20.24	20.06	22.00
		50	0	20.42	20.61	20.90	20.17	20.20	22.00
		50	25	20.53	20.64	21.01	20.22	20.17	22.00
		50	50	20.38	20.71	21.00	20.25	20.14	22.00
		100	0	20.37	20.66	21.02	20.19	20.18	22.00
	16QAM	1	0	20.43	20.60	21.08	20.30	20.37	22.00
		1	50	20.40	20.58	20.92	20.21	20.15	22.00
		1	99	20.51	20.75	21.20	20.25	20.19	22.00
		50	0	20.46	20.58	20.93	20.29	20.26	22.00
		50	25	20.45	20.64	21.03	20.25	20.27	22.00
		50	50	20.49	20.74	21.16	20.27	20.11	22.00
		100	0	20.43	20.64	20.95	20.24	20.28	22.00
	64QAM	1	0	20.52	20.64	21.10	20.37	20.38	22.00
		1	50	20.49	20.66	21.04	20.28	20.23	22.00
		1	99	20.58	20.84	21.22	20.29	20.29	22.00
		50	0	19.55	19.69	20.02	19.39	19.30	21.00
		50	25	19.55	19.74	20.12	19.38	19.32	21.00
		50	50	19.53	19.75	20.18	19.37	19.18	21.00
		100	0	19.46	19.75	20.12	19.31	19.30	21.00

Table 2 : Conducted Power of LTE

### 3 Conducted Power of Main Antenna(Ant6)

#### 3.1 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			975	38	124	
GSM(GMSK)	GSM	32.61	32.56	32.55	33.50	-9.19	23.42	23.37	23.36	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.56	32.55	32.45	33.50	-9.19	23.37	23.36	23.26	24.31
	2 TX Slots	30.35	29.59	30.10	30.50	-6.18	24.17	23.41	23.92	24.32
	3 TX Slots	28.18	27.87	27.57	28.50	-4.42	23.76	23.45	23.15	24.08
	4 TX Slots	26.83	26.47	25.95	27.50	-3.17	23.66	23.30	22.78	24.33
EGPRS(8PSK)	1 TX Slot	26.53	26.51	26.54	28.50	-9.19	17.34	17.32	17.35	19.31
	2 TX Slots	24.92	24.85	24.56	25.50	-6.18	18.74	18.67	18.38	19.32
	3 TX Slots	22.86	22.56	22.56	23.50	-4.42	18.44	18.14	18.14	19.08
	4 TX Slots	21.85	21.77	21.72	22.50	-3.17	18.68	18.60	18.55	19.33

GSM 850 Receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			975	38	124	
GSM(GMSK)	GSM	31.56	31.66	31.45	32.50	-9.19	22.37	22.47	22.26	23.31
GPRS/EGPRS (GMSK)	1 TX Slot	31.55	31.65	31.44	32.50	-9.19	22.36	22.46	22.25	23.31
	2 TX Slots	30.35	29.59	30.10	30.50	-6.18	24.17	23.41	23.92	24.32
	3 TX Slots	28.18	27.87	27.57	28.50	-4.42	23.76	23.45	23.15	24.08
	4 TX Slots	26.83	26.47	25.95	27.50	-3.17	23.66	23.30	22.78	24.33
EGPRS(8PSK)	1 TX Slot	25.48	25.46	25.49	27.50	-9.19	16.29	16.27	16.30	18.31
	2 TX Slots	23.85	23.77	23.49	24.50	-6.18	17.67	17.59	17.31	18.32
	3 TX Slots	21.77	21.46	21.47	22.50	-4.42	17.35	17.04	17.05	18.08
	4 TX Slots	20.77	20.67	20.64	21.50	-3.17	17.60	17.50	17.47	18.33

Table 3 : Conducted Power of GSM

### 3.2 Conducted Power of WCDMA

WCDMA Band V Receiver off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.11	23.18	23.02	24.00
	12.2kbps AMR	23.10	23.16	23.01	24.00
HSDPA	Subtest 1	22.12	22.10	22.09	23.00
	Subtest 2	22.16	22.05	22.04	23.00
	Subtest 3	21.65	21.55	21.56	22.50
	Subtest 4	21.56	21.55	21.55	22.50
HSUPA	Subtest 1	22.12	22.10	22.15	23.00
	Subtest 2	20.05	20.06	20.01	21.00
	Subtest 3	21.04	21.09	21.08	22.00
	Subtest 4	20.01	20.08	20.11	21.00
DC-HSDPA	Subtest 5	22.11	22.15	22.06	23.00
	Subtest 1	22.07	22.01	22.03	23.00
	Subtest 2	22.11	21.98	21.96	22.50
	Subtest 3	21.55	21.47	21.48	22.50
	Subtest 4	21.51	21.47	21.47	22.50

WCDMA Band V Receiver on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.01	22.15	22.10	23.00
	12.2kbps AMR	22.00	22.14	22.09	23.00
HSDPA	Subtest 1	21.06	21.04	21.03	22.00
	Subtest 2	21.11	20.95	20.99	22.00
	Subtest 3	20.58	20.47	20.50	21.50
	Subtest 4	20.48	20.48	20.49	21.50
HSUPA	Subtest 1	21.06	21.00	21.06	22.00
	Subtest 2	18.97	18.98	18.95	20.00
	Subtest 3	19.98	20.02	20.03	21.00
	Subtest 4	18.92	18.98	19.05	20.00
	Subtest 5	21.06	21.09	20.98	22.00
DC-HSDPA	Subtest 1	20.99	20.96	20.98	22.00
	Subtest 2	21.01	20.91	20.90	21.50
	Subtest 3	20.45	20.40	20.39	21.50
	Subtest 4	20.46	20.38	20.37	21.50

Table 4 : Conducted Power of WCDMA

### 3.3 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	23.02	22.92	22.87	24.00		
		1	2	23.02	22.93	22.73	24.00		
		1	5	23.09	22.92	22.92	24.00		
		3	0	23.01	23	22.8	24.00		
		3	2	23.12	22.99	22.96	24.00		
		3	3	23.08	23.05	22.87	24.00		
	16QAM	6	0	22.17	22.03	21.94	23.00		
		1	0	22.36	22.71	21.99	23.00		
		1	2	22.43	21.97	22.43	23.00		
		1	5	22.37	22.46	22.28	23.00		
		3	0	22.14	21.93	22.01	23.00		
		3	2	22.19	22.29	22.22	23.00		
	64QAM	3	3	22.08	21.86	21.91	23.00		
		6	0	21.4	21.05	21.07	22.00		
		1	0	21.35	21.12	21.43	22.00		
		1	2	21.36	21.02	20.83	22.00		
		1	5	20.79	20.81	21.28	22.00		
		3	0	21.33	21.08	21.39	22.00		
	3MHz	QPSK	3	2	21.33	20.92	20.74	22.00	
			3	3	20.69	20.69	21.23	22.00	
			6	0	19.96	19.90	19.84	21.00	
1			0	22.76	22.88	22.82	24.00		
1			7	22.6	22.85	22.76	24.00		
1			14	22.91	22.9	22.71	24.00		
8			0	21.92	21.86	21.9	23.00		
16QAM		8	4	21.83	21.93	21.76	23.00		
		8	7	21.97	21.95	21.72	23.00		
		15	0	21.93	21.81	21.77	23.00		
		1	0	22.23	22	22.03	23.00		
		1	7	22.19	22.65	21.76	23.00		
		1	14	21.92	22.33	22.32	23.00		
		8	0	20.98	20.96	20.98	22.00		
64QAM		8	4	20.95	20.92	20.91	22.00		
	8	7	21.08	20.95	20.86	22.00			
	15	0	20.91	20.9	20.75	22.00			
	1	0	21.38	21.17	21.43	22.00			
	1	7	21.35	20.99	20.82	22.00			
	1	14	20.77	20.77	21.30	22.00			
	8	0	20.38	20.16	20.44	21.00			
5MHz	QPSK	1	0	8	4	20.39	20.00	19.85	21.00
				8	7	19.77	19.81	20.28	21.00
				15	0	19.92	19.90	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
5MHz	QPSK	1	0	20425	20525	20625	24.00		



		1	13	22.8	22.9	22.61	24.00
		1	24	22.74	22.75	22.69	24.00
		12	0	22.01	21.95	21.91	23.00
		12	6	21.91	21.83	21.8	23.00
		12	13	21.92	21.93	21.77	23.00
		25	0	22.02	21.79	21.79	23.00
		25	13	21.92	21.93	21.77	23.00
	16QAM	1	0	22.35	22.17	21.94	23.00
		1	13	22.28	22.4	22.47	23.00
		1	24	21.71	22.39	22.32	23.00
		12	0	21.07	21.02	20.93	22.00
		12	6	21.11	20.86	20.89	22.00
		12	13	21.14	21.03	20.83	22.00
		25	0	20.97	20.98	20.94	22.00
	64QAM	1	0	21.35	21.15	21.48	22.00
		1	13	21.37	21.02	20.80	22.00
		1	24	20.81	20.80	21.29	22.00
		12	0	20.39	20.12	20.46	21.00
		12	6	20.35	20.01	19.85	21.00
		12	13	19.76	19.78	20.29	21.00
		25	0	19.93	19.85	19.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.04	23.22	22.87	24.00
		1	25	22.7	23.25	22.67	24.00
		1	49	22.89	22.84	22.92	24.00
		25	0	22.00	22.05	22.01	23.00
		25	13	21.97	21.97	21.88	23.00
		25	25	21.84	21.95	21.86	23.00
		50	0	22.07	22.08	21.91	23.00
	16QAM	1	0	22.44	22.22	22.53	23.00
		1	25	22.44	22.09	21.9	23.00
		1	49	21.86	21.86	22.38	23.00
		25	0	21.05	20.92	20.86	22.00
		25	13	20.93	20.94	20.93	22.00
		25	25	20.9	20.95	20.79	22.00
		50	0	21.02	20.95	20.9	22.00
	64QAM	1	0	21.44	21.22	21.53	22.00
		1	25	21.44	21.09	20.90	22.00
		1	49	20.86	20.86	21.38	22.00
		25	0	20.05	19.92	19.86	21.00
		25	13	19.93	19.94	19.93	21.00
		25	25	19.90	19.95	19.79	21.00
		50	0	20.02	19.95	19.90	21.00

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	21.46	21.33	21.29	22.50	
		1	2	21.42	21.33	21.17	22.50	
		1	5	21.49	21.35	21.35	22.50	
		3	0	21.46	21.43	21.23	22.50	
		3	2	21.57	21.44	21.36	22.50	
		3	3	21.51	21.45	21.27	22.50	
	16QAM	6	0	21.57	21.48	21.39	22.50	
		1	0	21.55	21.56	21.42	22.50	
		1	2	21.54	21.38	21.5	22.50	
		1	5	21.55	21.56	21.39	22.50	
		3	0	21.56	21.33	21.43	22.50	
		3	2	21.6	21.41	21.47	22.50	
	64QAM	3	3	21.55	21.55	21.6	22.50	
		6	0	21.35	20.97	21	22.00	
		1	0	21.29	21.06	21.34	22.00	
		1	2	21.31	20.95	20.77	22.00	
		1	5	20.73	20.71	21.19	22.00	
		3	0	21.28	21.02	21.31	22.00	
	3MHz	QPSK	3	2	21.28	20.82	20.64	22.00
			3	3	20.63	20.63	21.17	22.00
			6	0	19.86	19.81	19.79	21.00
			1	0	21.41	21.59	21.18	22.50
			1	7	21.05	21.2	21.04	22.50
			1	14	21.25	21.19	21.31	22.50
16QAM		8	0	21.29	21.03	21.28	22.50	
		8	4	21.33	20.96	20.74	22.50	
		8	7	21.04	21.26	21.33	22.50	
		15	0	21.39	21.42	21.21	22.50	
		1	0	21.29	21.55	21.27	22.50	
		1	7	21.22	21.44	21.24	22.50	
64QAM	1	14	21.26	21.23	21.31	22.50		
	8	0	20.91	20.77	20.73	22.00		
	8	4	20.73	20.78	20.78	22.00		
	8	7	20.72	20.75	20.65	22.00		
	15	0	20.86	20.82	20.71	22.00		
	1	0	21.28	21.07	21.38	22.00		
5MHz	QPSK	1	7	21.28	20.93	20.76	22.00	
		1	14	20.66	20.70	21.22	22.00	
		8	0	19.90	19.75	19.70	21.00	
		8	4	19.77	19.79	19.78	21.00	
		8	7	19.75	19.79	19.64	21.00	
		15	0	19.84	19.82	19.73	21.00	
		Channel	Channel	Channel	Tune up			
		20425	20525	20625				
5MHz	QPSK	1	0	21.4	21.57	21.22	22.50	
		1	13	21.04	21.19	21.04	22.50	
		1	24	21.25	21.21	21.3	22.50	
		12	0	21.27	21.05	21.28	22.50	



	16QAM	12	6	21.29	20.94	20.74	22.50
		12	13	21.08	21.25	21.28	22.50
		25	0	21.42	21.42	21.22	22.50
		1	0	21.26	21.53	21.26	22.50
		1	13	21.23	21.49	21.24	22.50
		1	24	21.26	21.24	21.34	22.50
		12	0	20.88	20.78	20.75	22.00
		12	6	20.76	20.79	20.8	22.00
		12	13	20.72	20.79	20.65	22.00
	25	0	20.87	20.84	20.73	22.00	
	64QAM	1	0	21.29	21.04	21.35	22.00
		1	13	21.29	20.90	20.76	22.00
		1	24	20.68	20.72	21.21	22.00
		12	0	19.92	19.77	19.69	21.00
		12	6	19.81	19.83	19.74	21.00
		12	13	19.74	19.84	19.67	21.00
		25	0	19.88	19.82	19.71	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600
10MHz	QPSK	1	0	21.48	21.65	21.27	22.50
		1	25	21.14	21.7	21.11	22.50
		1	49	21.32	21.27	21.37	22.50
		25	0	21.35	21.4	21.35	22.50
		25	13	21.38	21.04	20.83	22.50
		25	25	21.13	21.35	21.38	22.50
		50	0	21.49	21.49	21.31	22.50
	16QAM	1	0	21.35	21.63	21.35	22.50
		1	25	21.28	21.54	21.33	22.50
		1	49	21.31	21.29	21.4	22.50
		25	0	20.96	20.84	20.8	22.00
		25	13	20.83	20.87	20.88	22.00
		25	25	20.82	20.85	20.72	22.00
		50	0	20.94	20.89	20.81	22.00
	64QAM	1	0	21.38	21.14	21.43	22.00
		1	25	21.35	21.00	20.83	22.00
		1	49	20.76	20.77	21.30	22.00
		25	0	19.99	19.84	19.77	21.00
		25	13	19.86	19.88	19.84	21.00
		25	25	19.80	19.89	19.72	21.00
		50	0	19.93	19.88	19.81	21.00

LTE Band 5 Body ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	15.99	15.87	15.83	17.00	
		1	2	15.99	15.9	15.69	17.00	
		1	5	16.09	15.89	15.89	17.00	
		3	0	15.96	15.98	15.78	17.00	
		3	2	16.07	15.98	15.92	17.00	
		3	3	16.03	16.05	15.86	17.00	
	16QAM	6	0	16.16	15.98	15.94	17.00	
		1	0	16.34	16.66	15.97	17.00	
		1	2	16.41	15.96	16.39	17.00	
		1	5	16.33	16.41	16.26	17.00	
		3	0	16.09	15.89	15.98	17.00	
		3	2	16.14	16.27	16.17	17.00	
	64QAM	3	3	16.07	15.85	15.87	17.00	
		6	0	16.39	16.00	16.03	17.00	
		1	0	16.31	16.07	16.41	17.00	
		1	2	16.33	15.99	15.79	17.00	
		1	5	15.78	15.79	16.24	17.00	
		3	0	16.29	16.07	16.35	17.00	
	3MHz	QPSK	3	2	16.31	15.91	15.74	17.00
			3	3	15.67	15.68	16.20	17.00
			6	0	15.94	15.87	15.82	17.00
Channel			Channel	Channel	Tune up			
20415			20525	20635				
5MHz			QPSK	1	0	15.97	15.89	15.87
		1		7	15.99	15.92	15.7	17.00
		1		14	16.06	15.88	15.89	17.00
		8		0	16.01	15.96	15.78	17.00
		8		4	16.12	15.96	15.95	17.00
		8		7	16.07	16.01	15.87	17.00
		16QAM	15	0	16.15	15.98	15.9	17.00
			1	0	16.31	16.69	15.98	17.00
			1	7	16.38	15.97	16.4	17.00
			1	14	16.36	16.46	16.24	17.00
			8	0	16.13	15.90	16.01	17.00
			8	4	16.19	16.28	16.21	17.00
		64QAM	8	7	16.07	15.81	15.86	17.00
			15	0	16.39	16.05	16.03	17.00
			1	0	16.35	16.08	16.43	17.00
			1	7	16.31	16.02	15.79	17.00
	1		14	15.74	15.78	16.23	17.00	
	8		0	16.32	16.03	16.36	17.00	
	5MHz	QPSK	8	4	16.31	15.87	15.74	17.00
			8	7	15.69	15.67	16.20	17.00
			15	0	15.91	15.86	15.82	17.00
Channel			Channel	Channel	Tune up			
20425			20525	20625				
QPSK			1	0	16.01	15.91	15.83	17.00
		1	13	15.98	15.90	15.69	17.00	
		1	24	16.09	15.91	15.91	17.00	
		12	0	15.96	15.99	15.78	17.00	



	16QAM	12	6	16.08	15.98	15.96	17.00
		12	13	16.04	16.02	15.83	17.00
		25	0	16.17	16.03	15.89	17.00
		1	0	16.33	16.66	15.99	17.00
		1	13	16.4	15.92	16.42	17.00
		1	24	16.35	16.45	16.28	17.00
		12	0	16.09	15.91	15.96	17.00
		12	6	16.18	16.26	16.18	17.00
		12	13	16.04	15.85	15.86	17.00
	64QAM	25	0	16.37	16.03	16.06	17.00
		1	0	16.35	16.10	16.43	17.00
		1	13	16.36	16.01	15.79	17.00
		1	24	15.76	15.77	16.26	17.00
		12	0	16.31	16.07	16.38	17.00
		12	6	16.30	15.88	15.70	17.00
		12	13	15.69	15.66	16.19	17.00
		25	0	15.95	15.89	15.79	17.00
		Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525
10MHz	QPSK	1	0	16.01	15.88	15.82	17.00
		1	25	15.98	15.9	15.72	17.00
		1	49	16.08	15.91	15.92	17.00
		25	0	16.00	15.98	15.76	17.00
		25	13	16.11	15.94	15.94	17.00
		25	25	16.03	16.01	15.86	17.00
		50	0	16.15	16.00	15.9	17.00
	16QAM	1	0	16.36	16.68	15.99	17.00
		1	25	16.4	15.95	16.41	17.00
		1	49	16.37	16.43	16.23	17.00
		25	0	16.14	15.93	16.01	17.00
		25	13	16.19	16.29	16.20	17.00
		25	25	16.06	15.82	15.87	17.00
		50	0	16.39	16.03	16.04	17.00
	64QAM	1	0	16.34	16.11	16.39	17.00
		1	25	16.32	16.02	15.81	17.00
		1	49	15.75	15.81	16.27	17.00
		25	0	16.33	16.04	16.37	17.00
		25	13	16.30	15.89	15.72	17.00
		25	25	15.65	15.69	16.21	17.00
		50	0	15.94	15.86	15.82	17.00

LTE Band 12 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.86	23.00	22.72	24.00
		1	2	23.07	22.87	22.94	24.00
		1	5	22.96	22.89	22.73	24.00
		3	0	23.05	22.90	22.90	24.00
		3	2	22.99	22.95	22.9	24.00
		3	3	22.93	22.96	22.87	24.00
	16QAM	6	0	22.03	21.91	21.91	23.00
		1	0	22.13	22.33	22.21	23.00
		1	2	22.43	22.12	22.12	23.00
		1	5	22.03	22.01	21.9	23.00
		3	0	21.97	22.13	22.04	23.00
		3	2	22.13	22.18	22.00	23.00
	64QAM	3	3	21.78	21.77	21.99	23.00
		6	0	21.07	21.12	20.98	22.00
		1	0	21.49	21.26	21.12	22.00
		1	2	20.79	20.98	20.98	22.00
		1	5	21.01	21.50	21.24	22.00
		3	0	21.44	21.25	21.06	22.00
3MHz	QPSK	3	2	20.67	20.90	20.90	22.00
		3	3	20.96	21.43	21.19	22.00
		6	0	20.09	20.03	19.83	21.00
		1	0	23.08	22.99	22.84	24.00
		1	7	22.97	22.93	22.85	24.00
		1	14	22.96	22.86	22.78	24.00
	16QAM	8	0	22.12	22.00	21.98	23.00
		8	4	22.13	21.76	21.95	23.00
		8	7	22.08	22.00	21.99	23.00
		15	0	22.1	22.12	21.97	23.00
		1	0	22.5	22.62	22.59	23.00
		1	7	22.09	22.12	22.1	23.00
	64QAM	1	14	21.91	22.55	22.04	23.00
		8	0	21.14	21.19	21.02	22.00
		8	4	21.15	20.95	20.99	22.00
		8	7	21.22	21.2	21.02	22.00
		15	0	21.08	21.05	21.02	22.00
		1	0	21.46	21.31	21.14	22.00
5MHz	QPSK	1	7	20.76	20.95	20.98	22.00
		1	14	20.99	21.50	21.24	22.00
		8	0	20.15	20.02	19.96	21.00
		8	4	20.02	19.80	19.88	21.00
		8	7	19.94	19.92	20.17	21.00
		15	0	20.10	20.01	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.71	22.96	22.94	24.00
		1	13	23.02	22.92	22.99	24.00
		1	24	22.98	22.89	22.88	24.00
		12	0	22.14	22.05	22.05	23.00

	16QAM	12	6	22.16	22.05	21.99	23.00
		12	13	21.98	22.03	22.06	23.00
		25	0	22.11	22.01	22	23.00
		1	0	22.32	22.03	22.45	23.00
		1	13	22.66	22.27	22.49	23.00
		1	24	22.45	22.06	22.13	23.00
		12	0	21.1	21.04	21.07	22.00
		12	6	21.14	21.13	21.04	22.00
		12	13	21.05	21.15	21.05	22.00
	25	0	21.05	21.15	20.96	22.00	
	64QAM	1	0	21.51	21.26	21.17	22.00
		1	13	20.78	20.96	20.98	22.00
		1	24	20.97	21.52	21.27	22.00
		12	0	20.11	20.03	19.96	21.00
		12	6	20.02	19.81	19.88	21.00
		12	13	19.98	19.93	20.19	21.00
		25	0	20.09	20.04	19.82	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130
10MHz	QPSK	1	0	22.97	23.10	22.88	24.00
		1	25	22.84	23.12	22.86	24.00
		1	49	23.02	22.89	23.06	24.00
		25	0	22.11	22.14	22.04	23.00
		25	13	22.13	21.99	22.00	23.00
		25	25	22.03	22.11	22.07	23.00
		50	0	21.99	22.08	22.07	23.00
	16QAM	1	0	22.56	22.36	22.22	23.00
		1	25	21.84	22.04	22.04	23.00
		1	49	22.06	22.59	22.33	23.00
		25	0	21.2	21.11	21.06	22.00
		25	13	21.12	20.90	20.98	22.00
		25	25	21.04	21.00	21.24	22.00
		50	0	21.15	21.09	20.92	22.00
	64QAM	1	0	21.48	21.26	21.15	22.00
		1	25	20.75	20.99	20.94	22.00
		1	49	21.01	21.53	21.27	22.00
		25	0	20.12	20.01	19.96	21.00
		25	13	20.07	19.81	19.88	21.00
		25	25	19.96	19.93	20.18	21.00
		50	0	20.08	19.99	19.85	21.00

LTE Band 12 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	21.81	21.92	21.64	23.00	
		1	2	22.34	21.8	21.85	23.00	
		1	5	21.88	21.82	21.66	23.00	
		3	0	21.99	21.84	21.84	23.00	
		3	2	21.91	21.86	21.82	23.00	
		3	3	21.88	21.91	21.78	23.00	
	16QAM	6	0	21.98	21.86	21.85	23.00	
		1	0	22.04	22.27	22.11	23.00	
		1	2	22.33	22.06	22.05	23.00	
		1	5	21.96	21.96	21.83	23.00	
		3	0	21.87	22.08	21.94	23.00	
		3	2	22.07	22.08	21.95	23.00	
	64QAM	3	3	21.72	21.68	21.91	23.00	
		6	0	20.98	21.06	20.93	22.00	
		1	0	21.43	21.19	21.03	22.00	
		1	2	20.74	20.93	20.89	22.00	
		1	5	20.92	21.42	21.18	22.00	
		3	0	21.37	21.18	21.01	22.00	
	3MHz	QPSK	3	2	20.62	20.81	20.80	22.00
			3	3	20.87	21.35	21.12	22.00
			6	0	20.01	19.93	19.73	21.00
1			0	21.81	22.23	21.75	23.00	
1			7	21.72	21.74	21.7	23.00	
1			14	21.87	21.78	21.92	23.00	
16QAM		8	0	21.93	21.98	21.89	23.00	
		8	4	21.95	21.85	21.85	23.00	
		8	7	21.87	21.96	21.93	23.00	
		15	0	21.79	21.94	21.96	23.00	
		1	0	22.12	22.25	22.12	23.00	
		1	7	21.73	21.87	21.9	23.00	
64QAM		1	14	21.91	22.07	22.16	23.00	
		8	0	21.03	20.91	20.88	22.00	
		8	4	20.94	20.77	20.78	22.00	
		8	7	20.84	20.87	21.13	22.00	
		15	0	20.99	20.94	20.77	22.00	
		1	0	21.34	21.12	21.00	22.00	
5MHz		QPSK	1	7	20.63	20.82	20.77	22.00
			1	14	20.85	21.36	21.09	22.00
			8	0	19.98	19.86	19.83	21.00
	8		4	19.90	19.63	19.73	21.00	
	8		7	19.83	19.76	20.01	21.00	
	15		0	19.92	19.85	19.72	21.00	
	QPSK	1	0	21.79	22.23	21.71	23.00	
		1	13	21.68	21.74	21.69	23.00	
	QPSK	1	24	21.9	21.79	21.94	23.00	
		12	0	21.94	22.01	21.89	23.00	



	16QAM	12	6	21.98	21.86	21.86	23.00
		12	13	21.84	21.92	21.95	23.00
		25	0	21.81	21.96	21.95	23.00
		1	0	22.1	22.2	22.08	23.00
		1	13	21.73	21.84	21.9	23.00
		1	24	21.92	22.07	22.14	23.00
		12	0	21.02	20.94	20.88	22.00
		12	6	20.95	20.77	20.79	22.00
		12	13	20.84	20.87	21.08	22.00
	25	0	20.97	20.96	20.76	22.00	
	64QAM	1	0	21.33	21.13	21.04	22.00
		1	13	20.60	20.82	20.77	22.00
		1	24	20.90	21.39	21.13	22.00
		12	0	19.98	19.87	19.83	21.00
		12	6	19.89	19.66	19.73	21.00
		12	13	19.81	19.74	20.04	21.00
		25	0	19.94	19.83	19.69	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130
10MHz	QPSK	1	0	21.88	22.31	21.81	23.00
		1	25	21.77	22.32	21.77	23.00
		1	49	21.97	21.84	22	23.00
		25	0	22.02	22.07	21.95	23.00
		25	13	22.03	21.92	21.95	23.00
		25	25	21.94	22.01	22.02	23.00
		50	0	21.89	22.01	22.02	23.00
	16QAM	1	0	22.2	22.3	22.17	23.00
		1	25	21.79	21.94	21.96	23.00
		1	49	21.98	22.12	22.23	23.00
		25	0	21.12	21.01	20.96	22.00
		25	13	21.02	20.84	20.88	22.00
		25	25	20.94	20.95	21.18	22.00
		50	0	21.07	21.04	20.82	22.00
	64QAM	1	0	21.40	21.18	21.10	22.00
		1	25	20.69	20.90	20.86	22.00
		1	49	20.95	21.45	21.19	22.00
		25	0	20.03	19.94	19.90	21.00
		25	13	19.98	19.71	19.79	21.00
		25	25	19.88	19.84	20.11	21.00
		50	0	20.00	19.92	19.78	21.00

LTE Band 12 Body ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	15.97	15.92	15.85	17.00	
		1	2	15.97	15.92	15.7	17.00	
		1	5	16.09	15.89	15.9	17.00	
		3	0	15.97	15.97	15.78	17.00	
		3	2	16.1	15.98	15.95	17.00	
		3	3	16.03	16.01	15.82	17.00	
	16QAM	6	0	16.15	16.01	15.94	17.00	
		1	0	16.34	16.7	15.94	17.00	
		1	2	16.41	15.93	16.43	17.00	
		1	5	16.33	16.42	16.28	17.00	
		3	0	16.11	15.92	16	17.00	
		3	2	16.14	16.29	16.22	17.00	
	64QAM	3	3	16.04	15.85	15.89	17.00	
		6	0	16.39	16.01	16.06	17.00	
		1	0	16.33	16.11	16.40	17.00	
		1	2	16.34	16.01	15.82	17.00	
		1	5	15.77	15.81	16.26	17.00	
		3	0	16.28	16.08	16.37	17.00	
	3MHz	QPSK	3	2	16.31	15.89	15.72	17.00
			3	3	15.66	15.68	16.23	17.00
			6	0	15.95	15.87	15.83	17.00
1			0	15.98	15.9	15.87	17.00	
1			7	16.02	15.91	15.68	17.00	
1			14	16.09	15.87	15.88	17.00	
16QAM		8	0	16	15.97	15.79	17.00	
		8	4	16.07	15.97	15.92	17.00	
		8	7	16.04	16.03	15.82	17.00	
		15	0	16.15	15.98	15.94	17.00	
		1	0	16.32	16.7	15.96	17.00	
		1	7	16.39	15.94	16.4	17.00	
64QAM		1	14	16.33	16.45	16.23	17.00	
		8	0	16.09	15.88	15.96	17.00	
		8	4	16.19	16.29	16.2	17.00	
		8	7	16.05	15.81	15.91	17.00	
		15	0	16.4	16	16.02	17.00	
		1	0	16.35	16.07	16.41	17.00	
5MHz		QPSK	1	7	16.34	15.99	15.78	17.00
			1	14	15.74	15.81	16.26	17.00
			8	0	16.28	16.04	16.34	17.00
	8		4	16.31	15.91	15.72	17.00	
	8		7	15.67	15.67	16.20	17.00	
	15		0	15.93	15.87	15.83	17.00	
	QPSK	1	0	15.98	15.91	15.87	17.00	
		1	13	15.98	15.93	15.72	17.00	
	QPSK	1	24	16.07	15.88	15.91	17.00	
		12	0	16	15.99	15.78	17.00	



	16QAM	12	6	16.1	15.97	15.95	17.00
		12	13	16.04	16.04	15.83	17.00
		25	0	16.15	16.02	15.9	17.00
		1	0	16.36	16.7	15.98	17.00
		1	13	16.43	15.96	16.39	17.00
		1	24	16.33	16.45	16.27	17.00
		12	0	16.12	15.93	16.01	17.00
		12	6	16.18	16.27	16.18	17.00
		12	13	16.04	15.82	15.91	17.00
	25	0	16.37	16.01	16.06	17.00	
	64QAM	1	0	16.31	16.09	16.40	17.00
		1	13	16.31	15.98	15.81	17.00
		1	24	15.78	15.80	16.23	17.00
		12	0	16.33	16.06	16.39	17.00
		12	6	16.30	15.89	15.71	17.00
		12	13	15.67	15.68	16.22	17.00
		25	0	15.92	15.86	15.84	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130
10MHz	QPSK	1	0	16.01	15.87	15.85	17.00
		1	25	15.97	15.91	15.71	17.00
		1	49	16.04	15.92	15.87	17.00
		25	0	16	15.96	15.75	17.00
		25	13	16.07	15.99	15.95	17.00
		25	25	16.05	16	15.83	17.00
		50	0	16.13	16	15.92	17.00
	16QAM	1	0	16.32	16.68	15.94	17.00
		1	25	16.39	15.95	16.41	17.00
		1	49	16.36	16.43	16.25	17.00
		25	0	16.14	15.93	16	17.00
		25	13	16.18	16.25	16.19	17.00
		25	25	16.08	15.81	15.91	17.00
		50	0	16.4	16.05	16.06	17.00
	64QAM	1	0	16.31	16.12	16.43	17.00
		1	25	16.33	16.00	15.82	17.00
		1	49	15.76	15.81	16.26	17.00
		25	0	16.33	16.06	16.35	17.00
		25	13	16.29	15.88	15.71	17.00
		25	25	15.68	15.66	16.22	17.00
		50	0	15.94	15.89	15.79	17.00



LTE Band 13 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.19	22.89	22.92	24.00
		1	13	23	23.18	22.77	24.00
		1	24	23.13	22.74	22.91	24.00
		12	0	21.9	21.97	21.89	23.00
		12	6	22.13	22.09	22.01	23.00
		12	13	22.05	22.1	22.01	23.00
	16QAM	25	0	22.13	21.96	22.03	23.00
		1	0	22.33	22.36	22.23	23.00
		1	13	22.15	22.63	22.47	23.00
		1	24	22.31	21.94	22.49	23.00
		12	0	20.98	21.08	20.97	22.00
		12	6	21.12	20.97	21.13	22.00
	64QAM	12	13	21.07	21.11	21.3	22.00
		25	0	21.09	21.05	21.04	22.00
		1	0	21.25	21.26	21.18	22.00
		1	13	21.05	21.53	21.39	22.00
		1	24	21.22	20.84	21.41	22.00
		12	0	19.90	20.02	19.87	21.00
10MHz	QPSK	12	6	20.02	19.89	20.08	21.00
		12	13	19.97	20.02	20.21	21.00
		25	0	20.03	19.97	19.99	21.00
		1	0	NA	23.1	NA	24.00
		1	25	NA	23.13	NA	24.00
		1	49	NA	23.07	NA	24.00
	16QAM	25	0	NA	22.17	NA	23.00
		25	13	NA	22.11	NA	23.00
		25	25	NA	22.14	NA	23.00
		50	0	NA	22.15	NA	23.00
		1	0	NA	22.3	NA	23.00
		1	25	NA	22.48	NA	23.00
	64QAM	1	49	NA	22.39	NA	23.00
		25	0	NA	21.09	NA	22.00
		25	13	NA	21.06	NA	22.00
		25	25	NA	21.14	NA	22.00
		50	0	NA	21.12	NA	22.00
		1	0	NA	21.22	NA	22.00
64QAM	1	25	NA	21.40	NA	22.00	
	1	49	NA	21.32	NA	22.00	
	25	0	NA	20.03	NA	21.00	
	25	13	NA	19.99	NA	21.00	
	25	25	NA	20.09	NA	21.00	
	50	0	NA	20.04	NA	21.00	



LTE Band 13 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	22.43	21.82	21.83	23.00	
		1	13	21.95	22.12	21.69	23.00	
		1	24	22.04	21.68	21.82	23.00	
		12	0	21.81	21.88	21.82	23.00	
		12	6	22.05	21.99	21.96	23.00	
		12	13	21.98	22.03	21.94	23.00	
	16QAM	25	0	22.03	21.88	21.98	23.00	
		1	0	22.28	22.28	22.13	23.00	
		1	13	22.06	22.4	22.41	23.00	
		1	24	22.23	21.86	22.42	23.00	
		12	0	20.88	20.98	20.91	22.00	
		12	6	21.02	20.91	21.03	22.00	
	64QAM	12	13	21.01	21.05	21.24	22.00	
		25	0	21	20.96	20.94	22.00	
		1	0	21.17	21.17	21.10	22.00	
		1	13	20.95	21.48	21.34	22.00	
		1	24	21.14	20.78	21.34	22.00	
		12	0	19.81	19.94	19.80	21.00	
	10MHz	QPSK	12	6	19.93	19.79	20.03	21.00
			12	13	19.91	19.96	20.13	21.00
			25	0	19.96	19.90	19.90	21.00
1			0	NA	23230	NA	23.00	
1			25	NA	22.05	NA	23.00	
1			49	NA	22.4	NA	23.00	
16QAM		25	0	NA	21.97	NA	23.00	
		25	13	NA	22.11	NA	23.00	
		25	25	NA	22.03	NA	23.00	
		25	25	NA	22.06	NA	23.00	
		50	0	NA	22.08	NA	23.00	
		1	0	NA	22.2	NA	23.00	
64QAM	1	25	NA	22.38	NA	23.00		
	1	49	NA	22.29	NA	23.00		
	25	0	NA	22.99	NA	22.00		
	25	13	NA	20.99	NA	22.00		
	25	25	NA	20.98	NA	22.00		
	25	25	NA	21.06	NA	22.00		
64QAM	50	0	NA	21.05	NA	22.00		
	1	0	NA	21.15	NA	22.00		
	1	25	NA	21.32	NA	22.00		
	1	49	NA	21.26	NA	22.00		
	25	0	NA	19.96	NA	21.00		
	25	13	NA	19.91	NA	21.00		
	25	25	NA	20.02	NA	21.00		
50	0	NA	19.96	NA	21.00			

LTE Band 13 Body ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	16.19	15.89	15.92	17.00
		1	13	16.00	16.18	15.77	17.00
		1	24	16.13	15.74	15.91	17.00
		12	0	14.90	14.97	14.89	17.00
		12	6	15.13	15.09	15.01	17.00
		12	13	15.05	15.10	15.01	17.00
	16QAM	25	0	15.13	14.96	15.03	17.00
		1	0	15.33	15.36	15.23	17.00
		1	13	15.15	15.63	15.47	17.00
		1	24	15.31	14.94	15.49	17.00
		12	0	13.98	14.08	13.97	17.00
		12	6	14.12	13.97	14.13	17.00
	64QAM	12	13	14.07	14.11	14.30	17.00
		25	0	14.09	14.05	14.04	17.00
		1	0	14.25	14.26	14.18	17.00
		1	13	14.05	14.53	14.39	17.00
		1	24	14.22	13.84	14.41	17.00
		12	0	12.90	13.02	12.87	17.00
10MHz	QPSK	12	6	13.02	12.89	13.08	17.00
		12	13	12.97	13.02	13.21	17.00
		25	0	13.03	12.97	12.99	17.00
		1	0	NA	16.10	NA	17.00
		1	25	NA	16.13	NA	17.00
		1	49	NA	16.07	NA	17.00
	16QAM	25	0	NA	15.17	NA	17.00
		25	13	NA	15.11	NA	17.00
		25	25	NA	15.14	NA	17.00
		50	0	NA	15.15	NA	17.00
		1	0	NA	15.30	NA	17.00
		1	25	NA	15.48	NA	17.00
64QAM	1	49	NA	15.39	NA	17.00	
	25	0	NA	14.09	NA	17.00	
	25	13	NA	14.06	NA	17.00	
	25	25	NA	14.14	NA	17.00	
	50	0	NA	14.12	NA	17.00	
	1	0	NA	14.22	NA	17.00	
16QAM	1	25	NA	14.40	NA	17.00	
	1	49	NA	14.32	NA	17.00	
	25	0	NA	13.03	NA	17.00	
	25	13	NA	12.99	NA	17.00	
	25	25	NA	13.09	NA	17.00	
	50	0	NA	13.04	NA	17.00	

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133247	133447	
5MHz	QPSK	1	0	23.14	23.04	22.90	24.00
		1	13	23.03	22.94	22.90	24.00
		1	24	23.00	22.92	22.81	24.00
		12	0	22.17	22.01	22.00	23.00
		12	6	22.17	21.81	21.98	23.00
		12	13	22.14	22.01	22.03	23.00
	16QAM	25	0	22.15	21.98	22.02	23.00
		1	0	22.51	22.68	22.60	23.00
		1	13	22.14	22.13	22.12	23.00
		1	24	21.92	22.60	22.07	23.00
		12	0	21.20	21.25	21.05	22.00
		12	6	21.17	20.99	21.05	22.00
	64QAM	12	13	21.27	21.25	21.07	22.00
		25	0	21.14	21.06	21.04	22.00
		1	0	21.55	21.35	21.20	22.00
		1	13	20.82	20.98	21.02	22.00
		1	24	21.04	21.57	21.24	22.00
		12	0	20.16	20.07	20.05	21.00
10MHz	QPSK	12	6	20.07	19.90	19.94	21.00
		12	13	19.97	19.98	20.19	21.00
		25	0	20.12	20.09	19.92	21.00
		1	0	22.72	22.97	22.95	24.00
		1	25	23.07	22.98	23.04	24.00
		1	49	23.04	22.92	22.89	24.00
	16QAM	25	0	22.16	22.11	22.06	23.00
		25	13	22.20	22.09	22.01	23.00
		25	25	21.99	22.09	22.09	23.00
		50	0	22.13	22.04	22.02	23.00
		1	0	22.33	22.05	22.47	23.00
		1	25	22.67	22.30	22.52	23.00
64QAM	1	49	22.50	22.11	22.14	23.00	
	25	0	21.14	21.05	21.12	22.00	
	25	13	21.15	21.14	21.09	22.00	
	25	25	21.07	21.21	21.06	22.00	
	50	0	21.10	21.16	21.02	22.00	
	1	0	21.52	21.35	21.20	22.00	
15MHz	QPSK	1	25	20.79	20.97	20.99	22.00
		1	49	20.99	21.59	21.27	22.00
		25	0	20.16	20.07	20.05	21.00
		25	13	20.06	19.86	19.97	21.00
		25	25	19.96	20.00	20.20	21.00
		50	0	20.15	20.08	19.90	21.00

	16QAM	36	18	22.15	22.04	22.06	23.00
		36	39	22.06	22.17	22.09	23.00
		75	0	22.05	22.09	22.09	23.00
		1	0	22.58	22.39	22.27	23.00
		1	38	21.87	22.06	22.06	23.00
		1	74	22.12	22.63	22.34	23.00
		36	0	21.26	21.16	21.10	22.00
		36	18	21.14	20.94	20.99	22.00
		36	39	21.09	21.06	21.26	22.00
	75	0	21.16	21.13	20.95	22.00	
	64QAM	1	0	21.57	21.32	21.16	22.00
		1	38	20.81	20.96	21.00	22.00
		1	74	21.00	21.54	21.29	22.00
		36	0	20.16	20.09	20.04	21.00
		36	18	20.09	19.88	19.97	21.00
		36	39	20.00	19.97	20.18	21.00
		75	0	20.10	20.09	19.90	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel 133222	Channel 133322	Channel 133372
20MHz	QPSK	1	0	23.01	23.17	22.90	24.00
		1	50	22.87	22.95	22.88	24.00
		1	99	23.07	22.92	23.12	24.00
		50	0	22.19	21.99	22.05	23.00
		50	25	22.19	22.01	22.06	23.00
		50	50	22.09	22.13	22.09	23.00
		100	0	22.03	22.09	22.11	23.00
	16QAM	1	0	22.62	22.40	22.26	23.00
		1	50	21.89	22.06	22.07	23.00
		1	99	22.09	22.64	22.34	23.00
		50	0	21.21	21.16	21.10	22.00
		50	25	21.14	20.96	21.02	22.00
		50	50	21.05	21.05	21.26	22.00
		100	0	21.20	21.15	20.97	22.00
	64QAM	1	0	21.54	21.33	21.21	22.00
		1	50	20.80	20.99	20.97	22.00
		1	99	20.99	21.58	21.28	22.00
		50	0	20.11	20.09	20.02	21.00
		50	25	20.07	19.91	19.95	21.00
		50	50	19.96	19.99	20.17	21.00
		100	0	20.12	20.07	19.92	21.00

Table 5 : Conducted Power of LTE



## 4 Conducted Power of Main Antenna(Ant8)

### 4.1 Conducted Power of GSM

GSM 1900 Receiver off & Sensor off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	698	885	
GSM(GMSK)	GSM	29.17	29.36	29.52	30.50	-9.19	19.98	20.17	20.33	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.18	29.35	29.51	30.50	-9.19	19.99	20.16	20.32	21.31
	2 TX Slots	27.00	27.15	27.30	27.50	-6.18	20.82	20.97	21.12	21.32
	3 TX Slots	24.76	24.95	25.13	25.50	-4.42	20.34	20.53	20.71	21.08
	4 TX Slots	23.55	23.72	23.85	24.50	-3.17	20.38	20.55	20.68	21.33
EGPRS(8PSK)	1 TX Slot	25.66	25.74	25.95	27.50	-9.19	16.47	16.55	16.76	18.31
	2 TX Slots	23.58	23.73	23.93	24.50	-6.18	17.40	17.55	17.75	18.32
	3 TX Slots	21.21	21.35	21.55	22.50	-4.42	16.79	16.93	17.13	18.08
	4 TX Slots	19.72	19.98	20.04	21.50	-3.17	16.55	16.81	16.87	18.33

GSM 1900 Receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	698	885	
GSM(GMSK)	GSM	25.76	25.89	25.90	27.00	-9.19	16.57	16.70	16.71	17.81
GPRS/EGPRS (GMSK)	1 TX Slot	25.75	25.85	25.86	27.00	-9.19	16.56	16.66	16.67	17.81
	2 TX Slots	22.85	22.91	22.87	24.00	-6.18	16.67	16.73	16.69	17.82
	3 TX Slots	20.89	20.85	21.00	22.00	-4.42	16.47	16.43	16.58	17.58
	4 TX Slots	19.98	20.01	19.89	21.00	-3.17	16.81	16.84	16.72	17.83
EGPRS(8PSK)	1 TX Slot	22.11	22.14	22.38	24.00	-9.19	12.92	12.95	13.19	14.81
	2 TX Slots	20.02	20.13	20.38	21.00	-6.18	13.84	13.95	14.20	14.82
	3 TX Slots	17.61	17.79	17.96	19.00	-4.42	13.19	13.37	13.54	14.58
	4 TX Slots	16.16	16.41	16.45	18.00	-3.17	12.99	13.24	13.28	14.83

GSM 1900 Sensor on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	698	885	
GSM(GMSK)	GSM	27.66	27.81	28.00	29.00	-9.19	18.47	18.62	18.81	19.81
GPRS/EGPRS (GMSK)	1 TX Slot	27.65	27.80	28.00	29.00	-9.19	18.46	18.61	18.81	19.81
	2 TX Slots	25.49	25.66	25.79	26.00	-6.18	19.31	19.48	19.61	19.82
	3 TX Slots	23.22	23.51	23.65	24.00	-4.42	18.80	19.09	19.23	19.58
	4 TX Slots	22.01	22.21	22.45	23.00	-3.17	18.84	19.04	19.28	19.83
EGPRS(8PSK)	1 TX Slot	24.08	24.19	24.35	26.00	-9.19	14.89	15.00	15.16	16.81
	2 TX Slots	22.01	22.15	22.35	23.00	-6.18	15.83	15.97	16.17	16.82
	3 TX Slots	19.61	19.75	19.97	21.00	-4.42	15.19	15.33	15.55	16.58
	4 TX Slots	18.14	18.39	18.49	20.00	-3.17	14.97	15.22	15.32	16.83

GSM 1900 Head Simultaneous Transmission										
		Burst Output Power(dBm)			Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	698	885	
GSM(GMSK)	GSM	25.22	25.38	25.36	26.50	-9.19	16.03	16.19	16.17	17.31
GPRS/EGPRS (GMSK)	1 TX Slot	25.25	25.31	25.32	26.50	-9.19	16.06	16.12	16.13	17.31
	2 TX Slots	22.30	22.36	22.36	23.50	-6.18	16.12	16.18	16.18	17.32
	3 TX Slots	20.35	20.35	20.47	21.50	-4.42	15.93	15.93	16.05	17.08
	4 TX Slots	19.43	19.51	19.36	20.50	-3.17	16.26	16.34	16.19	17.33
EGPRS(8PSK)	1 TX Slot	21.59	21.64	21.85	23.50	-9.19	12.40	12.45	12.66	14.31
	2 TX Slots	19.47	19.61	19.83	20.50	-6.18	13.29	13.43	13.65	14.32
	3 TX Slots	17.10	17.25	17.44	18.50	-4.42	12.68	12.83	13.02	14.08
	4 TX Slots	15.66	15.90	15.93	17.50	-3.17	12.49	12.73	12.76	14.33

Table 6 : Conducted Power of GSM

## 4.2 Conducted Power of WCDMA

WCDMA Band II Receiver off & Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.93	22.86	22.85	24.00
	12.2kbps AMR	22.90	22.85	22.84	24.00
HSDPA	Subtest 1	21.92	21.90	21.91	23.00
	Subtest 2	21.99	21.86	21.85	23.00
	Subtest 3	21.45	21.39	21.40	22.50
	Subtest 4	21.40	21.35	21.37	22.50
HSUPA	Subtest 1	21.97	21.90	22.00	23.00
	Subtest 2	19.85	19.88	19.84	21.00
	Subtest 3	20.86	20.94	20.93	22.00
	Subtest 4	19.86	19.89	19.91	21.00
DC-HSDPA	Subtest 1	21.92	21.85	21.84	23.00
	Subtest 2	21.92	21.80	21.76	22.50
	Subtest 3	21.38	21.31	21.32	22.50
	Subtest 4	21.31	21.32	21.29	22.50

WCDMA Band II Receiver on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.51	17.33	17.39	18.50
	12.2kbps AMR	17.45	17.23	17.30	18.50
HSDPA	Subtest 1	16.35	16.32	16.33	17.50
	Subtest 2	16.44	16.28	16.30	17.50
	Subtest 3	15.86	15.84	15.84	17.00
	Subtest 4	15.80	15.78	15.81	17.00
HSUPA	Subtest 1	16.38	16.31	16.42	17.50
	Subtest 2	14.26	14.31	14.26	15.50
	Subtest 3	15.26	15.34	15.35	16.50
	Subtest 4	14.27	14.34	14.31	15.50
	Subtest 5	16.36	16.37	16.32	17.50
DC-HSDPA	Subtest 1	16.36	16.29	16.29	17.50
	Subtest 2	16.36	16.22	16.16	17.00
	Subtest 3	15.78	15.73	15.74	17.00
	Subtest 4	15.74	15.72	15.69	17.00

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.95	19.91	19.87	21.00
	12.2kbps AMR	19.90	19.89	19.85	21.00
HSDPA	Subtest 1	18.84	18.80	18.85	20.00
	Subtest 2	18.94	18.78	18.79	20.00
	Subtest 3	18.36	18.29	18.35	19.50
	Subtest 4	18.31	18.26	18.28	19.50
HSUPA	Subtest 1	18.92	18.85	18.91	20.00
	Subtest 2	16.75	16.83	16.74	18.00
	Subtest 3	17.78	17.87	17.85	19.00
	Subtest 4	16.81	16.83	16.86	18.00
	Subtest 5	18.83	18.91	18.80	20.00
DC-HSDPA	Subtest 1	18.86	18.75	18.79	20.00
	Subtest 2	18.82	18.73	18.68	19.50
	Subtest 3	18.30	18.23	18.23	19.50
	Subtest 4	18.22	18.25	18.22	19.50

WCDMA Band II Head Simultaneous Transmission					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.51	16.28	16.38	17.50
	12.2kbps AMR	16.41	16.23	16.30	17.50
HSDPA	Subtest 1	15.32	15.32	15.31	16.50
	Subtest 2	15.43	15.28	15.28	16.50
	Subtest 3	14.84	14.84	14.81	16.00
	Subtest 4	14.77	14.78	14.79	16.00
HSUPA	Subtest 1	15.34	15.26	15.40	16.50
	Subtest 2	13.21	13.26	13.23	14.50
	Subtest 3	14.22	14.32	14.34	15.50
	Subtest 4	13.24	13.32	13.29	14.50
	Subtest 5	15.34	15.35	15.28	16.50
DC-HSDPA	Subtest 1	15.33	15.29	15.26	16.50
	Subtest 2	15.35	15.17	15.16	16.00
	Subtest 3	14.77	14.68	14.72	16.00
	Subtest 4	14.70	14.67	14.66	16.00



WCDMA Band IV Receiver off & Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.83	22.92	22.89	24.00
	12.2kbps AMR	22.81	22.91	22.87	24.00
HSDPA	Subtest 1	21.75	21.71	21.74	23.00
	Subtest 2	21.83	21.68	21.70	23.00
	Subtest 3	21.26	21.20	21.25	22.50
	Subtest 4	21.25	21.16	21.19	22.50
HSUPA	Subtest 1	21.81	21.75	21.84	23.00
	Subtest 2	19.69	19.72	19.68	21.00
	Subtest 3	20.68	20.76	20.76	22.00
	Subtest 4	19.66	19.71	19.75	21.00
	Subtest 5	21.75	21.79	21.71	23.00
DC-HSDPA	Subtest 1	21.72	21.66	21.65	23.00
	Subtest 2	21.77	21.65	21.58	22.50
	Subtest 3	21.21	21.13	21.17	22.50
	Subtest 4	21.11	21.16	21.10	22.50

WCDMA Band IV Receiver on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.85	17.99	17.91	19.00
	12.2kbps AMR	17.75	17.83	17.88	19.00
HSDPA	Subtest 1	16.69	16.61	16.66	18.00
	Subtest 2	16.73	16.62	16.61	18.00
	Subtest 3	16.16	16.13	16.19	17.50
	Subtest 4	16.17	16.09	16.11	17.50
HSUPA	Subtest 1	16.75	16.65	16.78	18.00
	Subtest 2	14.63	14.65	14.58	16.00
	Subtest 3	15.63	15.66	15.67	17.00
	Subtest 4	14.61	14.65	14.70	16.00
	Subtest 5	16.65	16.70	16.63	18.00
DC-HSDPA	Subtest 1	16.65	16.59	16.56	18.00
	Subtest 2	16.72	16.57	16.50	17.50
	Subtest 3	16.13	16.07	16.08	17.50
	Subtest 4	16.04	16.09	16.05	17.50

WCDMA Band IV Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.88	20.93	20.90	22.00
	12.2kbps AMR	20.87	20.80	20.86	22.00
HSDPA	Subtest 1	19.68	19.66	19.67	21.00
	Subtest 2	19.77	19.63	19.65	21.00
	Subtest 3	19.18	19.14	19.19	20.50
	Subtest 4	19.15	19.11	19.13	20.50
HSUPA	Subtest 1	19.76	19.70	19.78	21.00
	Subtest 2	17.64	17.67	17.58	19.00
	Subtest 3	18.60	18.69	18.70	20.00
	Subtest 4	17.58	17.61	17.66	19.00
	Subtest 5	19.67	19.74	19.64	21.00
DC-HSDPA	Subtest 1	19.62	19.58	19.56	21.00
	Subtest 2	19.72	19.58	19.48	20.50
	Subtest 3	19.15	19.03	19.08	20.50
	Subtest 4	19.05	19.08	19.01	20.50

WCDMA Band IV Head Simultaneous Transmission					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.35	16.47	16.37	17.50
	12.2kbps AMR	16.22	16.33	16.35	17.50
HSDPA	Subtest 1	15.15	15.09	15.15	16.50
	Subtest 2	15.20	15.09	15.06	16.50
	Subtest 3	14.63	14.61	14.66	16.00
	Subtest 4	14.64	14.54	14.57	16.00
HSUPA	Subtest 1	15.20	15.14	15.27	16.50
	Subtest 2	13.10	13.11	13.04	14.50
	Subtest 3	14.13	14.12	14.12	15.50
	Subtest 4	13.09	13.14	13.18	14.50
	Subtest 5	15.10	15.19	15.09	16.50
DC-HSDPA	Subtest 1	15.13	15.06	15.05	16.50
	Subtest 2	15.21	15.02	14.98	16.00
	Subtest 3	14.62	14.54	14.53	16.00
	Subtest 4	14.52	14.57	14.55	16.00

Table 7 : Conducted Power of WCDMA

### 4.3 Conducted Power of LTE

LTE Band 2 Receiver off & Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.99	22.67	22.68	24.00	
		1	2	23.13	22.68	22.85	24.00	
		1	5	22.90	22.53	22.54	24.00	
		3	0	23.04	22.78	22.67	24.00	
		3	1	23.24	22.75	22.77	24.00	
		3	3	23.08	22.65	22.67	24.00	
	16QAM	6	0	22.18	21.81	21.71	23.00	
		1	0	22.67	22.29	22.40	23.00	
		1	2	22.74	21.85	22.03	23.00	
		1	5	22.00	21.91	22.00	23.00	
		3	0	22.16	21.75	22.07	23.00	
		3	1	22.05	21.86	21.82	23.00	
	64QAM	3	3	22.11	21.61	21.72	23.00	
		6	0	21.17	20.94	20.79	22.00	
		1	0	21.29	21.45	21.16	22.00	
		1	2	21.39	20.80	21.27	22.00	
		1	5	21.31	21.29	20.81	22.00	
		3	0	21.11	21.43	21.19	22.00	
	3MHz	QPSK	3	1	21.39	20.77	21.28	22.00
			3	3	21.34	21.24	20.78	22.00
			6	0	20.05	19.94	19.81	21.00
1			0	23.52	23.33	23.03	24.00	
1			7	23.32	23.04	22.94	24.00	
1			14	23.42	22.98	22.87	24.00	
8			0	22.51	22.07	22.1	23.00	
16QAM		8	4	22.5	22.05	22.16	23.00	
		8	7	22.36	22.01	21.93	23.00	
		15	0	22.51	22.05	21.98	23.00	
		1	0	22.83	22.16	22.53	23.00	
		1	7	22.64	21.75	22.3	23.00	
		1	14	22.51	22.57	22.14	23.00	
		8	0	21.4	21.21	21.13	22.00	
64QAM		8	4	21.6	21.19	21.17	22.00	
		8	7	21.6	21.02	21.1	22.00	
		15	0	21.64	21.18	21.14	22.00	
		1	0	21.78	21.47	21.19	22.00	
		1	7	21.41	20.80	21.25	22.00	
		1	14	21.36	21.27	20.79	22.00	
		8	0	20.19	20.08	19.82	21.00	
5MHz	QPSK	1	0	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
				23.25	22.90	22.68	24.00	

		1	13	23.13	22.70	23.05	24.00	
		1	24	23.03	22.61	22.87	24.00	
		12	0	22.24	21.90	21.85	23.00	
		12	6	22.31	21.86	21.77	23.00	
		12	13	22.20	21.75	21.78	23.00	
		25	0	22.25	21.91	21.88	23.00	
	16QAM	1	0	22.57	21.99	21.83	23.00	
		1	13	22.26	21.80	22.44	23.00	
		1	24	22.62	21.73	22.00	23.00	
		12	0	21.35	21.01	20.94	22.00	
		12	6	21.39	20.84	20.84	22.00	
		12	13	21.41	20.90	20.63	22.00	
	64QAM	25	0	21.32	20.84	20.90	22.00	
		1	0	21.79	21.44	21.17	22.00	
		1	13	21.40	20.77	21.28	22.00	
		1	24	21.36	21.27	20.77	22.00	
		12	0	20.23	20.08	19.78	21.00	
		12	6	20.23	19.89	19.72	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
	10MHz	QPSK	1	0	23.12	22.96	22.71	24.00
1			25	22.96	22.76	22.75	24.00	
1			49	22.91	22.69	22.81	24.00	
25			0	22.23	21.91	21.95	23.00	
25			13	22.21	21.85	21.96	23.00	
25			25	22.14	21.85	21.85	23.00	
16QAM		50	0	22.31	21.88	21.94	23.00	
		1	0	22.7	22.49	22.08	23.00	
		1	25	22.36	22.38	22.21	23.00	
		1	49	22.62	22.28	22	23.00	
		25	0	21.35	21.01	20.94	22.00	
		25	13	21.18	20.87	20.99	22.00	
64QAM		25	25	21.25	20.78	20.78	22.00	
		50	0	21.26	20.88	20.84	22.00	
		1	0	21.79	21.46	21.19	22.00	
		1	25	21.44	20.81	21.27	22.00	
		1	49	21.32	21.25	20.77	22.00	
		25	0	20.19	20.07	19.78	21.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
15MHz		QPSK	1	0	23.16	22.86	22.71	24.00
	1		38	23.08	22.75	22.71	24.00	
	1		74	23.03	22.45	22.67	24.00	
	36		0	22.31	21.95	21.91	23.00	
	36		18	22.27	21.85	22.03	23.00	
	36		39	22.10	21.90	21.81	23.00	
	16QAM	75	0	22.12	21.96	21.86	23.00	
		1	0	22.83	22.28	22.38	23.00	
		1	38	22.26	22.00	22.02	23.00	



		1	74	22.61	22.33	21.92	23.00	
		36	0	21.23	20.94	20.78	22.00	
		36	18	21.25	20.91	20.79	22.00	
		36	39	21.21	20.78	20.84	22.00	
		75	0	21.25	20.87	20.69	22.00	
	64QAM	1	0	21.77	21.43	21.15	22.00	
		1	38	21.40	20.81	21.27	22.00	
		1	74	21.34	21.24	20.82	22.00	
		36	0	20.23	20.06	19.81	21.00	
		36	18	20.24	19.88	19.76	21.00	
		36	39	19.90	19.72	19.78	21.00	
		75	0	20.00	19.94	19.83	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
	20MHz	QPSK	1	0	22.42	23.09	22.93	24.00
1			50	23	22.6	22.71	24.00	
1			99	22.95	22.7	22.73	24.00	
50			0	22.28	22.29	21.81	23.00	
50			25	22.25	21.92	21.86	23.00	
50			50	22.06	21.91	21.77	23.00	
100			0	22.16	21.87	21.94	23.00	
16QAM		1	0	22.87	22.52	22.25	23.00	
		1	50	22.49	21.87	22.35	23.00	
		1	99	22.41	22.34	21.87	23.00	
		50	0	21.29	21.13	20.88	22.00	
		50	25	21.29	20.98	20.81	22.00	
		50	50	20.99	20.81	20.85	22.00	
		100	0	21.1	21.02	20.91	22.00	
64QAM		1	0	21.77	21.46	21.18	22.00	
		1	50	21.43	20.82	21.28	22.00	
		1	99	21.31	21.28	20.77	22.00	
		50	0	20.19	20.05	19.83	21.00	
		50	25	20.19	19.90	19.72	21.00	
		50	50	19.94	19.72	19.78	21.00	
		100	0	20.03	19.94	19.86	21.00	



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	17.39	18.02	17.96	19.00	
		1	2	17.36	17.96	17.89	19.00	
		1	5	17.22	17.88	17.83	19.00	
		3	0	17.15	17.76	17.77	19.00	
		3	1	17.13	17.71	17.68	19.00	
		3	3	17.14	17.77	17.74	19.00	
	16QAM	6	0	17.12	17.69	17.69	19.00	
		1	0	17.26	17.89	17.88	19.00	
		1	2	17.10	17.66	17.73	19.00	
		1	5	17.14	17.81	17.77	19.00	
		3	0	17.02	17.59	17.63	19.00	
		3	1	17.19	17.82	17.79	19.00	
	64QAM	3	3	17.09	17.73	17.68	19.00	
		6	0	17.16	17.76	17.77	19.00	
		1	0	17.09	17.68	17.73	19.00	
		1	2	17.07	17.60	17.66	19.00	
		1	5	17.13	17.70	17.71	19.00	
		3	0	17.03	17.62	17.67	19.00	
	3MHz	QPSK	3	1	17.16	17.79	17.79	19.00
			3	3	17.02	17.58	17.61	19.00
			6	0	17.07	17.66	17.67	19.00
1			0	17.4	18.01	17.97	19.00	
1			7	17.35	17.91	17.89	19.00	
1			14	17.23	17.87	17.86	19.00	
16QAM		8	0	17.18	17.79	17.78	19.00	
		8	4	17.12	17.73	17.72	19.00	
		8	7	17.18	17.76	17.74	19.00	
		15	0	17.11	17.73	17.7	19.00	
	1	0	17.27	17.9	17.83	19.00		
	1	7	17.13	17.67	17.68	19.00		
64QAM	1	14	17.16	17.82	17.81	19.00		
	8	0	17.06	17.59	17.64	19.00		
	8	4	17.14	17.8	17.76	19.00		
	8	7	17.14	17.69	17.71	19.00		
	15	0	17.19	17.75	17.77	19.00		
	1	0	17.13	17.72	17.71	19.00		
5MHz	QPSK	1	7	17.04	17.61	17.65	19.00	
		1	14	17.09	17.66	17.70	19.00	
		8	0	17.06	17.59	17.66	19.00	
		8	4	17.17	17.83	17.80	19.00	
		8	7	17.02	17.60	17.64	19.00	
		15	0	17.08	17.67	17.64	19.00	
		12	0	17.14	17.75	17.76	19.00	

	16QAM	12	6	17.12	17.68	17.73	19.00
		12	13	17.19	17.77	17.75	19.00
		25	0	17.14	17.70	17.71	19.00
		1	0	17.25	17.85	17.86	19.00
		1	13	17.13	17.67	17.70	19.00
		1	24	17.19	17.78	17.80	19.00
		12	0	17.06	17.57	17.65	19.00
		12	6	17.17	17.81	17.77	19.00
		12	13	17.10	17.73	17.68	19.00
	25	0	17.18	17.80	17.75	19.00	
	64QAM	1	0	17.12	17.73	17.70	19.00
		1	13	17.06	17.61	17.64	19.00
		1	24	17.14	17.67	17.68	19.00
		12	0	17.03	17.61	17.65	19.00
		12	6	17.16	17.79	17.76	19.00
12		13	17.05	17.58	17.60	19.00	
25	0	17.05	17.70	17.65	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.43	18	17.97	19.00
		1	25	17.36	17.95	17.89	19.00
		1	49	17.22	17.88	17.83	19.00
		25	0	17.17	17.78	17.77	19.00
		25	13	17.09	17.73	17.69	19.00
		25	25	17.14	17.8	17.76	19.00
		50	0	17.13	17.69	17.71	19.00
	16QAM	1	0	17.26	17.88	17.86	19.00
		1	25	17.13	17.66	17.73	19.00
		1	49	17.15	17.8	17.8	19.00
		25	0	17.04	17.61	17.61	19.00
		25	13	17.17	17.81	17.76	19.00
		25	25	17.09	17.73	17.68	19.00
		50	0	17.14	17.75	17.74	19.00
	64QAM	1	0	17.10	17.72	17.72	19.00
		1	25	17.03	17.58	17.62	19.00
		1	49	17.14	17.67	17.68	19.00
		25	0	17.06	17.62	17.66	19.00
		25	13	17.19	17.81	17.79	19.00
		25	25	17.05	17.57	17.60	19.00
		50	0	17.04	17.67	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.44	18.04	17.96	19.00
		1	38	17.36	17.95	17.92	19.00
		1	74	17.26	17.87	17.87	19.00
		36	0	17.17	17.77	17.78	19.00
		36	18	17.13	17.69	17.70	19.00
		36	39	17.18	17.79	17.74	19.00
		75	0	17.11	17.73	17.72	19.00
	16QAM	1	0	17.22	17.90	17.84	19.00
		1	38	17.10	17.66	17.68	19.00
		1	74	17.18	17.81	17.79	19.00
		36	0	17.06	17.57	17.64	19.00
36	18	17.18	17.83	17.81	19.00		

	64QAM	36	39	17.12	17.73	17.69	19.00
		75	0	17.17	17.80	17.78	19.00
		1	0	17.09	17.70	17.71	19.00
		1	38	17.05	17.63	17.66	19.00
		1	74	17.09	17.70	17.73	19.00
		36	0	17.07	17.60	17.66	19.00
		36	18	17.18	17.82	17.76	19.00
		36	39	17.05	17.58	17.64	19.00
		75	0	17.09	17.66	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.49	18.1	18.05	19.00
		1	50	17.54	18.11	18.06	19.00
		1	99	17.32	17.95	17.93	19.00
		50	0	17.55	18.05	17.83	19.00
		50	25	17.19	17.78	17.78	19.00
		50	50	17.24	17.85	17.83	19.00
		100	0	17.19	17.78	17.78	19.00
	16QAM	1	0	17.32	17.95	17.93	19.00
		1	50	17.19	17.76	17.78	19.00
		1	99	17.24	17.88	17.86	19.00
		50	0	17.12	17.66	17.7	19.00
		50	25	17.24	17.88	17.86	19.00
		50	50	17.19	17.78	17.78	19.00
		100	0	17.24	17.85	17.83	19.00
	64QAM	1	0	17.19	17.78	17.78	19.00
		1	50	17.13	17.68	17.71	19.00
		1	99	17.19	17.76	17.78	19.00
		50	0	17.12	17.68	17.72	19.00
		50	25	17.24	17.88	17.86	19.00
		50	50	17.12	17.66	17.70	19.00
		100	0	17.14	17.76	17.72	19.00



LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.60	19.93	19.95	21.00
		1	2	19.52	19.83	19.87	21.00
		1	5	19.49	19.78	19.82	21.00
		3	0	19.45	19.69	19.76	21.00
		3	1	19.32	19.61	19.68	21.00
		3	3	19.46	19.64	19.72	21.00
		6	0	19.32	19.57	19.70	21.00
	16QAM	1	0	19.50	19.75	19.83	21.00
		1	2	19.40	19.55	19.68	21.00
		1	5	19.45	19.69	19.74	21.00
		3	0	19.29	19.45	19.59	21.00
		3	1	19.42	19.64	19.71	21.00
		3	3	19.32	19.58	19.69	21.00
		6	0	19.42	19.64	19.77	21.00
	64QAM	1	0	19.35	19.57	19.67	21.00
		1	2	19.29	19.50	19.59	21.00
		1	5	19.40	19.58	19.71	21.00
		3	0	19.23	19.46	19.65	21.00
		3	1	19.44	19.64	19.73	21.00
		3	3	19.31	19.48	19.60	21.00
		6	0	19.22	19.39	19.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18615	18900	19185	21.00
		1	7	19.63	19.91	19.95	21.00
		1	14	19.57	19.81	19.88	21.00
		8	0	19.47	19.77	19.8	21.00
		8	4	19.46	19.69	19.76	21.00
		8	7	19.35	19.57	19.67	21.00
		15	0	19.45	19.64	19.75	21.00
	16QAM	1	0	19.32	19.58	19.68	21.00
		1	7	19.48	19.74	19.84	21.00
		1	14	19.38	19.58	19.7	21.00
		8	0	19.45	19.66	19.75	21.00
		8	4	19.3	19.46	19.64	21.00
		8	7	19.42	19.69	19.71	21.00
		15	0	19.31	19.59	19.7	21.00
	64QAM	1	0	19.42	19.66	19.75	21.00
		1	7	19.31	19.56	19.66	21.00
		1	14	19.28	19.51	19.61	21.00
		8	0	19.38	19.57	19.69	21.00
		8	4	19.23	19.49	19.66	21.00
		8	7	19.41	19.66	19.72	21.00
		15	0	19.30	19.48	19.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	21.00
		1	13	19.61	19.92	19.95	21.00
		1	24	19.56	19.85	19.89	21.00
		12	0	19.49	19.74	19.81	21.00
		12	0	19.42	19.67	19.73	21.00

	16QAM	12	6	19.34	19.57	19.67	21.00	
		12	13	19.44	19.66	19.76	21.00	
		25	0	19.31	19.60	19.66	21.00	
		1	0	19.49	19.73	19.84	21.00	
		1	13	19.39	19.59	19.69	21.00	
		1	24	19.45	19.64	19.76	21.00	
		12	0	19.27	19.47	19.62	21.00	
		12	6	19.41	19.68	19.74	21.00	
		12	13	19.33	19.59	19.70	21.00	
	64QAM	25	0	19.41	19.69	19.74	21.00	
		1	0	19.35	19.56	19.67	21.00	
		1	13	19.29	19.50	19.61	21.00	
		1	24	19.39	19.59	19.69	21.00	
		12	0	19.24	19.50	19.61	21.00	
		12	6	19.44	19.67	19.71	21.00	
		12	13	19.31	19.46	19.62	21.00	
		25	0	19.22	19.36	19.54	21.00	
		Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150
10MHz	QPSK	1	0	19.58	19.94	19.92	21.00	
		1	25	19.56	19.81	19.9	21.00	
		1	49	19.5	19.76	19.8	21.00	
		25	0	19.44	19.64	19.72	21.00	
		25	13	19.33	19.6	19.71	21.00	
		25	25	19.46	19.69	19.77	21.00	
		50	0	19.34	19.57	19.7	21.00	
	16QAM	1	0	19.52	19.78	19.79	21.00	
		1	25	19.39	19.55	19.69	21.00	
		1	49	19.42	19.67	19.76	21.00	
		25	0	19.31	19.48	19.59	21.00	
		25	13	19.4	19.64	19.71	21.00	
		25	25	19.34	19.61	19.66	21.00	
		50	0	19.41	19.66	19.74	21.00	
	64QAM	1	0	19.35	19.57	19.71	21.00	
		1	25	19.27	19.55	19.57	21.00	
		1	49	19.38	19.56	19.69	21.00	
		25	0	19.24	19.46	19.64	21.00	
		25	13	19.43	19.65	19.74	21.00	
		25	25	19.28	19.49	19.64	21.00	
		50	0	19.22	19.36	19.53	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
	15MHz	QPSK	1	0	19.62	19.96	19.94	21.00
			1	38	19.53	19.82	19.89	21.00
1			74	19.47	19.74	19.80	21.00	
36			0	19.43	19.67	19.76	21.00	
36			18	19.36	19.59	19.71	21.00	
36			39	19.42	19.69	19.75	21.00	
75			0	19.33	19.59	19.70	21.00	
16QAM		1	0	19.52	19.76	19.80	21.00	
		1	38	19.39	19.58	19.70	21.00	
		1	74	19.41	19.64	19.71	21.00	
		36	0	19.31	19.49	19.64	21.00	
		36	18	19.41	19.66	19.74	21.00	

	64QAM	36	39	19.36	19.56	19.71	21.00
		75	0	19.44	19.64	19.77	21.00
		1	0	19.31	19.56	19.67	21.00
		1	38	19.30	19.54	19.61	21.00
		1	74	19.37	19.54	19.67	21.00
		36	0	19.24	19.49	19.62	21.00
		36	18	19.41	19.68	19.75	21.00
		36	39	19.29	19.45	19.59	21.00
		75	0	19.23	19.36	19.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	19.68	20.01	20.00	21.00
		1	50	19.62	19.91	19.95	21.00
		1	99	19.57	19.83	19.89	21.00
		50	0	19.86	19.74	19.82	21.00
		50	25	19.41	19.66	19.76	21.00
		50	50	19.51	19.74	19.82	21.00
		100	0	19.41	19.79	19.76	21.00
	16QAM	1	0	19.57	19.83	19.89	21.00
		1	50	19.45	19.64	19.77	21.00
		1	99	19.5	19.74	19.81	21.00
		50	0	19.36	19.55	19.69	21.00
		50	25	19.5	19.74	19.81	21.00
		50	50	19.41	19.66	19.76	21.00
		100	0	19.51	19.74	19.82	21.00
	64QAM	1	0	19.41	19.66	19.76	21.00
		1	50	19.36	19.60	19.66	21.00
		1	99	19.45	19.64	19.77	21.00
		50	0	19.32	19.56	19.71	21.00
		50	25	19.50	19.74	19.81	21.00
		50	50	19.36	19.55	19.69	21.00
		100	0	19.31	19.46	19.59	21.00

LTE Band 2 Head Simultaneous Transmission				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	15.86	16.51	16.43	17.50	
		1	2	15.83	16.46	16.38	17.50	
		1	5	15.71	16.34	16.32	17.50	
		3	0	15.65	16.23	16.22	17.50	
		3	1	15.59	16.16	16.18	17.50	
		3	3	15.59	16.22	16.20	17.50	
	16QAM	6	0	15.62	16.19	16.15	17.50	
		1	0	15.72	16.39	16.34	17.50	
		1	2	15.56	16.11	16.19	17.50	
		1	5	15.62	16.26	16.27	17.50	
		3	0	15.48	16.07	16.11	17.50	
		3	1	15.68	16.30	16.28	17.50	
	64QAM	3	3	15.59	16.22	16.13	17.50	
		6	0	15.66	16.22	16.24	17.50	
		1	0	15.54	16.18	16.18	17.50	
		1	2	15.54	16.07	16.16	17.50	
		1	5	15.59	16.17	16.18	17.50	
		3	0	15.50	16.09	16.16	17.50	
	3MHz	QPSK	3	1	15.61	16.25	16.27	17.50
			3	3	15.50	16.06	16.06	17.50
			6	0	15.56	16.12	16.15	17.50
1			0	15.85	16.48	16.43	17.50	
1			7	15.82	16.37	16.36	17.50	
1			14	15.73	16.37	16.34	17.50	
16QAM		8	0	15.64	16.25	16.24	17.50	
		8	4	15.59	16.22	16.19	17.50	
		8	7	15.68	16.22	16.22	17.50	
		15	0	15.61	16.23	16.18	17.50	
		1	0	15.74	16.37	16.29	17.50	
		1	7	15.6	16.12	16.17	17.50	
64QAM	1	14	15.64	16.32	16.3	17.50		
	8	0	15.56	16.06	16.1	17.50		
	8	4	15.63	16.29	16.23	17.50		
	8	7	15.59	16.16	16.16	17.50		
	15	0	15.66	16.2	16.22	17.50		
	1	0	15.58	16.22	16.21	17.50		
5MHz	QPSK	1	7	15.53	16.07	16.15	17.50	
		1	14	15.54	16.14	16.20	17.50	
		8	0	15.53	16.09	16.14	17.50	
		8	4	15.62	16.31	16.28	17.50	
		8	7	15.50	16.05	16.12	17.50	
		15	0	15.55	16.17	16.13	17.50	
		12	0	15.59	16.25	16.25	17.50	



	16QAM	12	6	15.62	16.15	16.20	17.50
		12	13	15.65	16.22	16.22	17.50
		25	0	15.59	16.18	16.17	17.50
		1	0	15.70	16.32	16.34	17.50
		1	13	15.58	16.13	16.15	17.50
		1	24	15.66	16.24	16.26	17.50
		12	0	15.53	16.03	16.12	17.50
		12	6	15.62	16.27	16.22	17.50
		12	13	15.56	16.21	16.14	17.50
	25	0	15.66	16.30	16.20	17.50	
	64QAM	1	0	15.60	16.22	16.19	17.50
		1	13	15.53	16.09	16.09	17.50
		1	24	15.59	16.13	16.18	17.50
		12	0	15.49	16.07	16.12	17.50
		12	6	15.62	16.28	16.24	17.50
12		13	15.52	16.05	16.07	17.50	
25	0	15.51	16.19	16.12	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.93	16.47	16.45	17.50
		1	25	15.81	16.4	16.36	17.50
		1	49	15.72	16.38	16.31	17.50
		25	0	15.66	16.28	16.25	17.50
		25	13	15.56	16.22	16.19	17.50
		25	25	15.61	16.28	16.25	17.50
		50	0	15.61	16.15	16.2	17.50
	16QAM	1	0	15.76	16.34	16.35	17.50
		1	25	15.63	16.14	16.19	17.50
		1	49	15.63	16.29	16.3	17.50
		25	0	15.51	16.1	16.07	17.50
		25	13	15.64	16.31	16.23	17.50
		25	25	15.54	16.23	16.17	17.50
		50	0	15.6	16.23	16.21	17.50
	64QAM	1	0	15.59	16.22	16.21	17.50
		1	25	15.49	16.07	16.09	17.50
		1	49	15.62	16.14	16.15	17.50
		25	0	15.52	16.12	16.14	17.50
		25	13	15.68	16.28	16.27	17.50
		25	25	15.51	16.04	16.09	17.50
		50	0	15.50	16.13	16.10	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.89	16.49	16.45	17.50
		1	38	15.86	16.42	16.38	17.50
		1	74	15.76	16.36	16.36	17.50
		36	0	15.65	16.26	16.23	17.50
		36	18	15.59	16.19	16.15	17.50
		36	39	15.63	16.26	16.22	17.50
		75	0	15.60	16.21	16.17	17.50
	16QAM	1	0	15.71	16.40	16.34	17.50
		1	38	15.59	16.11	16.16	17.50
		1	74	15.68	16.29	16.24	17.50
		36	0	15.52	16.07	16.09	17.50
		36	18	15.63	16.31	16.30	17.50

	64QAM	36	39	15.62	16.18	16.17	17.50
		75	0	15.63	16.26	16.27	17.50
		1	0	15.57	16.18	16.20	17.50
		1	38	15.55	16.13	16.11	17.50
		1	74	15.54	16.19	16.22	17.50
		36	0	15.52	16.10	16.11	17.50
		36	18	15.64	16.30	16.25	17.50
		36	39	15.55	16.06	16.14	17.50
		75	0	15.58	16.13	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.95	16.55	16.53	17.50
		1	50	16.04	16.56	16.56	17.50
		1	99	15.8	16.4	16.39	17.50
		50	0	16.02	16.5	16.31	17.50
		50	25	15.64	16.26	16.28	17.50
		50	50	15.7	16.34	16.31	17.50
		100	0	15.69	16.25	16.24	17.50
	16QAM	1	0	15.82	16.42	16.38	17.50
		1	50	15.67	16.21	16.25	17.50
		1	99	15.73	16.37	16.33	17.50
		50	0	15.58	16.12	16.18	17.50
		50	25	15.69	16.33	16.33	17.50
		50	50	15.66	16.25	16.28	17.50
		100	0	15.71	16.32	16.31	17.50
	64QAM	1	0	15.66	16.26	16.28	17.50
		1	50	15.63	16.17	16.17	17.50
		1	99	15.66	16.22	16.26	17.50
		50	0	15.57	16.17	16.20	17.50
		50	25	15.69	16.38	16.35	17.50
		50	50	15.57	16.16	16.20	17.50
		100	0	15.60	16.23	16.20	17.50

LTE Band 2 Head ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.32	14.98	14.88	16.00
		1	2	14.29	14.92	14.87	16.00
		1	5	14.16	14.84	14.8	16.00
		3	0	14.14	14.7	14.67	16.00
		3	1	14.07	14.63	14.64	16.00
		3	3	14.08	14.71	14.67	16.00
	16QAM	6	0	14.12	14.67	14.6	16.00
		1	0	14.2	14.84	14.82	16.00
		1	2	14.03	14.61	14.66	16.00
		1	5	14.1	14.76	14.77	16.00
		3	0	13.97	14.56	14.58	16.00
		3	1	14.16	14.75	14.77	16.00
	64QAM	3	3	14.06	14.69	14.63	16.00
		6	0	14.12	14.69	14.73	16.00
		1	0	14.02	14.66	14.65	16.00
		1	2	13.99	14.56	14.61	16.00
		1	5	14.04	14.66	14.66	16.00
		3	0	13.98	14.57	14.65	16.00
3MHz	QPSK	3	1	14.07	14.73	14.74	16.00
		3	3	13.98	14.51	14.55	16.00
		6	0	14.05	14.59	14.62	16.00
		1	0	14.31	14.94	14.9	16.00
		1	7	14.3	14.87	14.83	16.00
		1	14	14.18	14.83	14.83	16.00
	16QAM	8	0	14.1	14.7	14.7	16.00
		8	4	14.09	14.68	14.69	16.00
		8	7	14.14	14.69	14.67	16.00
		15	0	14.06	14.73	14.68	16.00
		1	0	14.24	14.82	14.79	16.00
		1	7	14.06	14.58	14.65	16.00
	64QAM	1	14	14.09	14.77	14.76	16.00
		8	0	14.06	14.53	14.58	16.00
		8	4	14.09	14.74	14.71	16.00
		8	7	14.09	14.61	14.65	16.00
		15	0	14.13	14.66	14.67	16.00
		1	0	14.04	14.69	14.70	16.00
5MHz	QPSK	1	7	14.01	14.57	14.61	16.00
		1	14	14.04	14.59	14.68	16.00
		8	0	14.00	14.56	14.60	16.00
		8	4	14.10	14.80	14.74	16.00
		8	7	14.00	14.51	14.61	16.00
		15	0	14.00	14.63	14.62	16.00
	QPSK	1	0	14.4	14.99	14.91	16.00
		1	13	14.3	14.85	14.85	16.00
	QPSK	1	24	14.2	14.81	14.82	16.00
		12	0	14.09	14.7	14.72	16.00



	16QAM	12	6	14.09	14.63	14.69	16.00
		12	13	14.11	14.71	14.71	16.00
		25	0	14.07	14.65	14.66	16.00
		1	0	14.17	14.8	14.84	16.00
		1	13	14.06	14.58	14.65	16.00
		1	24	14.14	14.7	14.75	16.00
		12	0	13.98	14.5	14.6	16.00
		12	6	14.12	14.73	14.7	16.00
		12	13	14.06	14.71	14.6	16.00
	64QAM	25	0	14.14	14.76	14.69	16.00
		1	0	14.10	14.67	14.66	16.00
		1	13	14.01	14.57	14.55	16.00
		1	24	14.06	14.58	14.63	16.00
		12	0	13.95	14.56	14.60	16.00
		12	6	14.12	14.78	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	14.42	14.93	14.92	16.00
		1	25	14.28	14.88	14.81	16.00
		1	49	14.17	14.87	14.78	16.00
		25	0	14.12	14.76	14.72	16.00
		25	13	14.03	14.69	14.67	16.00
		25	25	14.09	14.78	14.73	16.00
		50	0	14.08	14.64	14.66	16.00
	16QAM	1	0	14.26	14.83	14.8	16.00
		1	25	14.12	14.64	14.68	16.00
		1	49	14.13	14.74	14.77	16.00
		25	0	13.98	14.58	14.56	16.00
		25	13	14.09	14.78	14.7	16.00
		25	25	14.04	14.73	14.66	16.00
		50	0	14.07	14.71	14.66	16.00
	64QAM	1	0	14.07	14.69	14.71	16.00
		1	25	13.95	14.55	14.54	16.00
		1	49	14.07	14.60	14.62	16.00
		25	0	13.99	14.58	14.59	16.00
		25	13	14.18	14.74	14.73	16.00
		25	25	14.00	14.52	14.55	16.00
		50	0	13.97	14.60	14.55	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	14.39	14.94	14.94	16.00
		1	38	14.34	14.88	14.84	16.00
		1	74	14.23	14.84	14.83	16.00
		36	0	14.13	14.72	14.72	16.00
		36	18	14.09	14.68	14.62	16.00
		36	39	14.08	14.72	14.71	16.00
		75	0	14.06	14.71	14.67	16.00
	16QAM	1	0	14.21	14.85	14.84	16.00
		1	38	14.07	14.57	14.61	16.00
		1	74	14.18	14.79	14.69	16.00
		36	0	13.97	14.53	14.56	16.00
		36	18	14.08	14.81	14.77	16.00

		36	39	14.07	14.67	14.63	16.00	
		75	0	14.1	14.71	14.74	16.00	
	64QAM	1	0	14.06	14.64	14.67	16.00	
		1	38	14.01	14.58	14.58	16.00	
		1	74	13.99	14.65	14.68	16.00	
		36	0	13.97	14.55	14.59	16.00	
		36	18	14.14	14.75	14.74	16.00	
		36	39	14.05	14.55	14.59	16.00	
		75	0	14.07	14.59	14.59	16.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
20MHz	QPSK	1	0	14.41	15.02	15.03	16.00	
		1	50	14.5	15.01	15.05	16.00	
		1	99	14.27	14.9	14.88	16.00	
		50	0	14.52	14.97	14.76	16.00	
		50	25	14.12	14.75	14.77	16.00	
		50	50	14.16	14.81	14.78	16.00	
		100	0	14.17	14.7	14.71	16.00	
	16QAM	1	0	14.28	14.89	14.87	16.00	
		1	50	14.13	14.68	14.71	16.00	
		1	99	14.21	14.87	14.83	16.00	
		50	0	14.08	14.61	14.65	16.00	
		50	25	14.17	14.81	14.78	16.00	
		50	50	14.13	14.73	14.73	16.00	
		100	0	14.21	14.81	14.8	16.00	
	64QAM	1	0	14.13	14.75	14.74	16.00	
		1	50	14.11	14.67	14.64	16.00	
		1	99	14.13	14.70	14.75	16.00	
		50	0	14.03	14.64	14.65	16.00	
		50	25	14.19	14.83	14.82	16.00	
		50	50	14.04	14.61	14.66	16.00	
		100	0	14.10	14.69	14.67	16.00	

LTE Band 2 Body ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	15.59	15.89	15.9	17.00	
		1	2	15.47	15.8	15.87	17.00	
		1	5	15.48	15.74	15.81	17.00	
		3	0	15.42	15.68	15.75	17.00	
		3	1	15.28	15.57	15.64	17.00	
		3	3	15.45	15.62	15.69	17.00	
	16QAM	6	0	15.32	15.53	15.69	17.00	
		1	0	15.46	15.7	15.81	17.00	
		1	2	15.37	15.55	15.67	17.00	
		1	5	15.4	15.67	15.69	17.00	
		3	0	15.27	15.43	15.55	17.00	
		3	1	15.38	15.61	15.67	17.00	
	64QAM	3	3	15.27	15.55	15.67	17.00	
		6	0	15.42	15.6	15.72	17.00	
		1	0	15.30	15.54	15.62	17.00	
		1	2	15.28	15.46	15.54	17.00	
		1	5	15.38	15.55	15.69	17.00	
		3	0	15.20	15.44	15.60	17.00	
3MHz	QPSK	3	1	15.39	15.62	15.69	17.00	
		3	3	15.26	15.44	15.58	17.00	
		6	0	15.18	15.35	15.47	17.00	
		1	0	15.62	15.89	15.91	17.00	
		1	7	15.57	15.8	15.83	17.00	
		1	14	15.43	15.74	15.78	17.00	
	16QAM	8	0	15.46	15.64	15.72	17.00	
		8	4	15.3	15.55	15.62	17.00	
		8	7	15.45	15.59	15.74	17.00	
		15	0	15.28	15.55	15.66	17.00	
		1	0	15.47	15.74	15.84	17.00	
		1	7	15.36	15.56	15.68	17.00	
	64QAM	1	14	15.43	15.61	15.75	17.00	
		8	0	15.3	15.43	15.61	17.00	
		8	4	15.41	15.66	15.68	17.00	
		8	7	15.31	15.58	15.65	17.00	
		15	0	15.41	15.64	15.74	17.00	
		1	0	15.26	15.53	15.66	17.00	
5MHz	QPSK	1	7	15.25	15.50	15.59	17.00	
		1	14	15.35	15.57	15.64	17.00	
		8	0	15.23	15.44	15.64	17.00	
		8	4	15.38	15.65	15.68	17.00	
		8	7	15.25	15.46	15.55	17.00	
		15	0	15.18	15.37	15.49	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	15.59	15.91	15.95	17.00
			1	13	15.56	15.82	15.86	17.00
			1	24	15.45	15.71	15.81	17.00
			12	0	15.39	15.63	15.72	17.00

	16QAM	12	6	15.32	15.53	15.67	17.00
		12	13	15.4	15.63	15.72	17.00
		25	0	15.28	15.58	15.66	17.00
		1	0	15.47	15.73	15.82	17.00
		1	13	15.39	15.54	15.66	17.00
		1	24	15.45	15.64	15.75	17.00
		12	0	15.23	15.42	15.61	17.00
		12	6	15.38	15.63	15.69	17.00
		12	13	15.3	15.58	15.7	17.00
	25	0	15.39	15.66	15.74	17.00	
	64QAM	1	0	15.34	15.56	15.63	17.00
		1	13	15.25	15.45	15.59	17.00
		1	24	15.36	15.58	15.68	17.00
		12	0	15.22	15.50	15.58	17.00
		12	6	15.42	15.62	15.69	17.00
12		13	15.31	15.42	15.58	17.00	
25	0	15.21	15.35	15.52	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.53	15.9	15.9	17.00
		1	25	15.53	15.78	15.86	17.00
		1	49	15.45	15.75	15.75	17.00
		25	0	15.44	15.63	15.72	17.00
		25	13	15.31	15.59	15.71	17.00
		25	25	15.44	15.69	15.72	17.00
		50	0	15.33	15.57	15.66	17.00
	16QAM	1	0	15.5	15.78	15.76	17.00
		1	25	15.34	15.52	15.65	17.00
		1	49	15.42	15.62	15.73	17.00
		25	0	15.27	15.44	15.56	17.00
		25	13	15.38	15.62	15.66	17.00
		25	25	15.3	15.56	15.63	17.00
		50	0	15.39	15.64	15.73	17.00
	64QAM	1	0	15.30	15.56	15.71	17.00
		1	25	15.24	15.55	15.56	17.00
		1	49	15.36	15.51	15.64	17.00
		25	0	15.20	15.44	15.64	17.00
		25	13	15.40	15.63	15.70	17.00
		25	25	15.28	15.48	15.64	17.00
		50	0	15.17	15.33	15.49	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.62	15.94	15.91	17.00
		1	38	15.49	15.78	15.89	17.00
		1	74	15.42	15.7	15.77	17.00
		36	0	15.42	15.65	15.75	17.00
		36	18	15.31	15.59	15.69	17.00
		36	39	15.39	15.67	15.75	17.00
		75	0	15.32	15.55	15.65	17.00
	16QAM	1	0	15.52	15.72	15.79	17.00
		1	38	15.35	15.54	15.68	17.00
		1	74	15.37	15.59	15.67	17.00
		36	0	15.27	15.49	15.64	17.00
36	18	15.39	15.62	15.71	17.00		

		36	39	15.36	15.52	15.68	17.00
		75	0	15.39	15.6	15.73	17.00
	64QAM	1	0	15.30	15.52	15.63	17.00
		1	38	15.29	15.52	15.59	17.00
		1	74	15.34	15.49	15.62	17.00
		36	0	15.24	15.49	15.59	17.00
		36	18	15.39	15.63	15.71	17.00
		36	39	15.27	15.41	15.56	17.00
		75	0	15.23	15.35	15.50	17.00
Bandwidth		Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100
20MHz	QPSK	1	0	15.63	16	15.96	17.00
		1	50	15.59	15.87	15.9	17.00
		1	99	15.56	15.78	15.86	17.00
		50	0	15.83	15.7	15.77	17.00
		50	25	15.41	15.62	15.76	17.00
		50	50	15.51	15.72	15.82	17.00
		100	0	15.37	15.78	15.74	17.00
	16QAM	1	0	15.57	15.83	15.84	17.00
		1	50	15.4	15.6	15.77	17.00
		1	99	15.49	15.73	15.81	17.00
		50	0	15.31	15.55	15.64	17.00
		50	25	15.48	15.71	15.81	17.00
		50	50	15.39	15.64	15.71	17.00
		100	0	15.49	15.69	15.81	17.00
	64QAM	1	0	15.36	15.64	15.76	17.00
		1	50	15.36	15.57	15.61	17.00
		1	99	15.45	15.62	15.77	17.00
		50	0	15.30	15.53	15.71	17.00
		50	25	15.50	15.71	15.79	17.00
		50	50	15.32	15.55	15.64	17.00
		100	0	15.27	15.45	15.59	17.00



LTE Band 4 Receiver off & Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.75	22.52	22.48	24.00
		1	2	22.77	22.58	22.47	24.00
		1	5	22.71	22.45	22.46	24.00
		3	0	22.66	22.56	22.58	24.00
		3	1	22.74	22.58	22.57	24.00
		3	3	22.67	22.59	22.49	24.00
	16QAM	6	0	21.73	21.65	21.59	23.00
		1	0	22.29	21.87	21.45	23.00
		1	2	22.11	22.09	21.8	23.00
		1	5	22.26	22	22.24	23.00
		3	0	21.85	21.76	21.49	23.00
		3	1	21.78	21.95	21.62	23.00
	64QAM	3	3	21.62	21.76	21.46	23.00
		6	0	21.12	20.71	20.61	22.00
		1	0	20.96	20.93	21.20	22.00
		1	2	21.14	20.79	20.76	22.00
		1	5	21.32	20.87	20.67	22.00
		3	0	21.00	20.89	21.18	22.00
3MHz	QPSK	3	1	21.17	20.77	20.74	22.00
		3	3	21.27	20.84	20.65	22.00
		6	0	19.79	19.76	19.62	21.00
		1	0	22.75	22.62	22.61	24.00
		1	7	22.59	22.69	22.50	24.00
		1	14	22.64	22.64	22.43	24.00
	16QAM	8	0	21.87	21.74	21.63	23.00
		8	4	21.92	21.83	21.62	23.00
		8	7	21.77	21.78	21.62	23.00
		15	0	21.82	21.76	21.62	23.00
		1	0	21.73	22.07	21.92	23.00
		1	7	22.51	21.71	21.70	23.00
	64QAM	1	14	22.02	22.00	21.69	23.00
		8	0	20.92	20.58	20.67	22.00
		8	4	20.85	20.84	20.73	22.00
		8	7	20.90	20.77	20.38	22.00
		15	0	20.87	20.78	20.67	22.00
		1	0	20.95	20.91	21.16	22.00
5MHz	QPSK	1	7	21.19	20.74	20.74	22.00
		1	14	21.22	20.87	20.66	22.00
		8	0	19.87	19.81	19.66	21.00
		8	4	19.75	19.88	19.53	21.00
		8	7	19.69	19.61	19.50	21.00
		15	0	19.77	19.80	19.61	21.00
	QPSK	1	0	22.90	22.80	22.54	24.00
		1	13	22.79	22.51	22.64	24.00
	QPSK	1	24	22.87	22.60	22.52	24.00
		12	0	21.87	21.83	21.65	23.00

	16QAM	12	6	21.92	21.78	21.71	23.00
		12	13	21.84	21.71	21.64	23.00
		25	0	21.88	21.67	21.70	23.00
		1	0	22.35	22.24	21.88	23.00
		1	13	22.30	22.18	21.83	23.00
		1	24	21.87	22.14	21.84	23.00
		12	0	20.92	20.91	20.70	22.00
		12	6	20.98	20.70	20.78	22.00
		12	13	20.91	20.72	20.73	22.00
	25	0	20.94	20.81	20.65	22.00	
	64QAM	1	0	20.99	20.94	21.16	22.00
		1	13	21.18	20.76	20.75	22.00
		1	24	21.28	20.84	20.64	22.00
		12	0	19.87	19.82	19.66	21.00
		12	6	19.74	19.85	19.55	21.00
12		13	19.67	19.61	19.51	21.00	
25	0	19.79	19.76	19.59	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	22.82	22.75	22.51	24.00
		1	25	22.82	22.76	22.58	24.00
		1	49	22.46	22.43	22.41	24.00
		25	0	21.97	21.84	21.73	23.00
		25	13	21.87	21.88	21.7	23.00
		25	25	21.83	21.75	21.65	23.00
		50	0	21.84	21.88	21.59	23.00
	16QAM	1	0	22	22.04	21.71	23.00
		1	25	21.98	22.2	22.2	23.00
		1	49	22.17	22.29	21.79	23.00
		25	0	20.92	20.8	20.67	22.00
		25	13	20.84	20.82	20.76	22.00
		25	25	20.93	20.69	20.81	22.00
		50	0	20.92	20.83	20.7	22.00
	64QAM	1	0	20.98	20.92	21.18	22.00
		1	25	21.17	20.76	20.78	22.00
		1	49	21.20	20.86	20.66	22.00
		25	0	19.89	19.79	19.68	21.00
		25	13	19.75	19.85	19.54	21.00
		25	25	19.65	19.58	19.49	21.00
		50	0	19.78	19.78	19.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.81	22.65	22.66	24.00
		1	38	22.68	22.53	22.57	24.00
		1	74	22.50	22.64	23.88	24.00
		36	0	21.73	21.79	21.61	23.00
		36	18	21.95	21.67	21.68	23.00
		36	39	21.74	21.68	21.67	23.00
		75	0	21.90	21.79	21.69	23.00
	16QAM	1	0	22.16	21.99	21.74	23.00
		1	38	22.27	22.00	22.08	23.00
		1	74	21.51	21.52	21.52	23.00
		36	0	20.82	20.76	20.56	22.00
36	18	20.82	20.61	20.70	22.00		

	64QAM	36	39	20.71	20.58	20.64	22.00
		75	0	20.70	20.79	20.59	22.00
		1	0	20.98	20.90	21.20	22.00
		1	38	21.17	20.78	20.77	22.00
		1	74	21.31	20.85	20.67	22.00
		36	0	19.89	19.81	19.67	21.00
		36	18	19.76	19.84	19.56	21.00
		36	39	19.68	19.62	19.47	21.00
		75	0	19.79	19.79	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.90	22.82	22.65	24.00
		1	50	22.59	22.50	22.57	24.00
		1	99	22.22	22.50	23.01	24.00
		50	0	21.91	21.82	22.00	23.00
		50	25	21.83	21.64	21.66	23.00
		50	50	21.82	21.60	21.60	23.00
		100	0	21.84	21.77	21.58	23.00
	16QAM	1	0	22.05	21.99	22.25	23.00
		1	50	22.24	21.84	21.83	23.00
		1	99	22.87	21.94	21.74	23.00
		50	0	20.96	20.87	20.75	22.00
		50	25	20.84	20.93	20.62	22.00
		50	50	20.74	20.67	20.57	22.00
		100	0	20.85	20.86	20.69	22.00
	64QAM	1	0	20.97	20.94	21.20	22.00
		1	50	21.16	20.74	20.76	22.00
		1	99	21.41	20.89	20.68	22.00
		50	0	19.87	19.77	19.67	21.00
		50	25	19.77	19.85	19.57	21.00
		50	50	19.66	19.59	19.49	21.00
		100	0	19.78	19.77	19.63	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	QPSK	1	0	18.23	18.09	18.07	19.50	
		1	2	18.16	18.05	18.01	19.50	
		1	5	18.33	18.18	18.17	19.50	
		3	0	18.06	17.93	17.92	19.50	
		3	1	18.03	17.92	17.81	19.50	
		3	3	18.07	17.94	17.9	19.50	
	16QAM	6	0	18.04	17.88	17.82	19.50	
		1	0	18.14	18.05	17.97	19.50	
		1	2	17.99	17.86	17.86	19.50	
		1	5	18.07	17.95	17.91	19.50	
		3	0	17.87	17.83	17.8	19.50	
		3	1	18.05	17.96	17.91	19.50	
	64QAM	3	3	17.99	17.89	17.84	19.50	
		6	0	18.06	17.93	17.9	19.50	
		1	0	18.04	17.91	17.81	19.50	
		1	2	17.94	17.84	17.78	19.50	
		1	5	18.00	17.84	17.83	19.50	
		3	0	17.92	17.79	17.77	19.50	
	3MHz	QPSK	3	1	18.06	17.92	17.88	19.50
			3	3	17.87	17.80	17.77	19.50
			6	0	17.80	17.74	17.72	19.50
1			0	18.21	18.12	18.12	19.50	
1			7	18.14	18.02	18.00	19.50	
1			14	18.30	18.16	18.16	19.50	
16QAM		8	0	18.05	17.94	17.93	19.50	
		8	4	18.01	17.89	17.84	19.50	
		8	7	18.04	17.98	17.91	19.50	
		15	0	18.01	17.89	17.80	19.50	
		1	0	18.16	18.04	18.02	19.50	
		1	7	17.99	17.87	17.86	19.50	
64QAM		1	14	18.06	17.94	17.91	19.50	
		8	0	17.90	17.80	17.78	19.50	
		8	4	18.03	17.95	17.92	19.50	
		8	7	18.04	17.90	17.84	19.50	
		15	0	18.09	17.98	17.93	19.50	
		1	0	18.03	17.91	17.81	19.50	
5MHz		QPSK	1	7	17.95	17.80	17.76	19.50
			1	14	17.97	17.85	17.88	19.50
			8	0	17.95	17.84	17.76	19.50
	8		4	18.04	17.97	17.91	19.50	
	8		7	17.89	17.80	17.79	19.50	
	15		0	17.78	17.73	17.73	19.50	
	QPSK	1	0	18.20	18.11	18.10	19.50	
		1	13	18.12	18.04	17.98	19.50	
	QPSK	1	24	18.29	18.18	18.19	19.50	
		12	0	18.07	17.96	17.93	19.50	

	16QAM	12	6	18.02	17.88	17.85	19.50
		12	13	18.05	17.96	17.91	19.50
		25	0	18.04	17.88	17.82	19.50
		1	0	18.12	18.02	17.97	19.50
		1	13	18.01	17.85	17.85	19.50
		1	24	18.05	17.95	17.89	19.50
		12	0	17.91	17.80	17.77	19.50
		12	6	18.06	17.92	17.88	19.50
		12	13	18.04	17.89	17.83	19.50
	25	0	18.09	17.94	17.90	19.50	
	64QAM	1	0	18.03	17.90	17.81	19.50
		1	13	17.93	17.82	17.80	19.50
		1	24	18.00	17.85	17.84	19.50
		12	0	17.95	17.82	17.75	19.50
		12	6	18.03	17.97	17.89	19.50
		12	13	17.90	17.83	17.81	19.50
		25	0	17.83	17.72	17.73	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350
10MHz	QPSK	1	0	18.21	18.14	18.12	19.50
		1	25	18.17	18.01	17.99	19.50
		1	49	18.3	18.16	18.15	19.50
		25	0	18.06	17.97	17.93	19.50
		25	13	18	17.91	17.82	19.50
		25	25	18.05	17.94	17.93	19.50
		50	0	18	17.92	17.8	19.50
	16QAM	1	0	18.15	18.02	17.99	19.50
		1	25	17.98	17.88	17.83	19.50
		1	49	18.06	17.96	17.9	19.50
		25	0	17.86	17.8	17.8	19.50
		25	13	18.05	17.92	17.92	19.50
		25	25	18.04	17.91	17.85	19.50
		50	0	18.09	17.93	17.89	19.50
	64QAM	1	0	18.01	17.93	17.80	19.50
		1	25	17.95	17.84	17.75	19.50
		1	49	17.99	17.86	17.88	19.50
		25	0	17.93	17.82	17.76	19.50
		25	13	18.04	17.97	17.92	19.50
		25	25	17.89	17.80	17.78	19.50
		50	0	17.81	17.73	17.69	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.21	18.11	18.11	19.50
		1	38	18.12	18.04	18.00	19.50
		1	74	18.33	18.15	18.19	19.50
		36	0	18.08	17.94	17.91	19.50
		36	18	18.01	17.93	17.85	19.50
		36	39	18.05	17.95	17.94	19.50
		75	0	18.01	17.91	17.81	19.50
	16QAM	1	0	18.16	18.03	18.02	19.50
		1	38	18.00	17.89	17.83	19.50
		1	74	18.06	17.93	17.93	19.50
		36	0	17.87	17.80	17.82	19.50
		36	18	18.07	17.95	17.91	19.50

		36	39	18.02	17.92	17.84	19.50	
		75	0	18.07	17.94	17.91	19.50	
	64QAM	1	0	18.04	17.91	17.85	19.50	
		1	38	17.97	17.81	17.76	19.50	
		1	74	17.97	17.87	17.84	19.50	
		36	0	17.96	17.83	17.77	19.50	
		36	18	18.08	17.92	17.88	19.50	
		36	39	17.89	17.81	17.77	19.50	
		75	0	17.78	17.73	17.71	19.50	
Bandwidth		Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz		QPSK	1	0	18.30	18.19	18.17	19.50
	1		50	18.40	18.44	18.35	19.50	
	1		99	18.39	18.25	18.24	19.50	
	50		0	18.34	18.39	18.35	19.50	
	50		25	18.09	17.98	17.90	19.50	
	50		50	18.14	18.03	17.99	19.50	
	100		0	18.09	18.30	17.90	19.50	
	16QAM	1	0	18.22	18.11	18.07	19.50	
		1	50	18.06	17.94	17.93	19.50	
		1	99	18.13	18.02	17.98	19.50	
		50	0	17.96	17.88	17.87	19.50	
		50	25	18.13	18.02	17.98	19.50	
		50	50	18.09	17.98	17.90	19.50	
		100	0	18.14	18.03	17.99	19.50	
	64QAM	1	0	18.09	17.98	17.90	19.50	
		1	50	18.03	17.89	17.85	19.50	
		1	99	18.06	17.94	17.93	19.50	
		50	0	18.02	17.89	17.83	19.50	
		50	25	18.13	18.02	17.98	19.50	
		50	50	17.96	17.88	17.87	19.50	
		100	0	17.88	17.82	17.79	19.50	

LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.85	20.71	20.51	22.00
		1	2	20.77	20.66	20.43	22.00
		1	5	20.94	20.84	20.61	22.00
		3	0	20.66	20.57	20.32	22.00
		3	1	20.57	20.52	20.27	22.00
		3	3	20.69	20.6	20.33	22.00
	16QAM	6	0	20.55	20.52	20.25	22.00
		1	0	20.72	20.63	20.4	22.00
		1	2	20.57	20.48	20.27	22.00
		1	5	20.68	20.54	20.38	22.00
		3	0	20.52	20.39	20.23	22.00
		3	1	20.68	20.57	20.37	22.00
	64QAM	3	3	20.55	20.51	20.27	22.00
		6	0	20.7	20.55	20.32	22.00
		1	0	20.56	20.50	20.28	22.00
		1	2	20.55	20.46	20.16	22.00
		1	5	20.62	20.46	20.27	22.00
		3	0	20.57	20.51	20.28	22.00
3MHz	QPSK	3	1	20.71	20.55	20.39	22.00
		3	3	20.52	20.37	20.23	22.00
		6	0	19.46	19.38	19.20	21.00
		1	0	20.86	20.69	20.49	22.00
		1	7	20.77	20.66	20.42	22.00
		1	14	20.91	20.81	20.61	22.00
	16QAM	8	0	20.68	20.56	20.35	22.00
		8	4	20.56	20.52	20.29	22.00
		8	7	20.70	20.57	20.36	22.00
		15	0	20.55	20.52	20.27	22.00
		1	0	20.75	20.68	20.41	22.00
		1	7	20.60	20.50	20.26	22.00
	64QAM	1	14	20.66	20.55	20.39	22.00
		8	0	20.51	20.40	20.21	22.00
		8	4	20.69	20.54	20.36	22.00
		8	7	20.57	20.49	20.25	22.00
		15	0	20.66	20.59	20.36	22.00
		1	0	20.58	20.51	20.28	22.00
5MHz	QPSK	1	7	20.51	20.42	20.14	22.00
		1	14	20.58	20.47	20.27	22.00
		8	0	19.54	19.38	19.25	21.00
		8	4	19.71	19.57	19.42	21.00
		8	7	19.58	19.38	19.24	21.00
		15	0	19.47	19.35	19.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.83	20.71	20.49	22.00
		1	13	20.73	20.66	20.43	22.00
		1	24	20.89	20.79	20.56	22.00
		12	0	20.69	20.56	20.32	22.00

	16QAM	12	6	20.55	20.48	20.29	22.00
		12	13	20.70	20.59	20.33	22.00
		25	0	20.59	20.48	20.26	22.00
		1	0	20.75	20.65	20.43	22.00
		1	13	20.57	20.49	20.29	22.00
		1	24	20.66	20.56	20.40	22.00
		12	0	20.51	20.39	20.22	22.00
		12	6	20.71	20.56	20.40	22.00
		12	13	20.60	20.48	20.28	22.00
	25	0	20.69	20.57	20.33	22.00	
	64QAM	1	0	20.59	20.49	20.28	22.00
		1	13	20.52	20.46	20.19	22.00
		1	24	20.57	20.48	20.26	22.00
		12	0	19.57	19.38	19.29	21.00
		12	6	19.70	19.56	19.39	21.00
12		13	19.60	19.38	19.25	21.00	
25	0	19.47	19.33	19.17	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.83	20.7	20.48	22.00
		1	25	20.76	20.64	20.45	22.00
		1	49	20.91	20.83	20.56	22.00
		25	0	20.7	20.55	20.34	22.00
		25	13	20.57	20.5	20.26	22.00
		25	25	20.67	20.58	20.36	22.00
		50	0	20.55	20.51	20.24	22.00
	16QAM	1	0	20.77	20.64	20.42	22.00
		1	25	20.6	20.48	20.3	22.00
		1	49	20.66	20.56	20.37	22.00
		25	0	20.49	20.41	20.2	22.00
		25	13	20.7	20.57	20.36	22.00
		25	25	20.55	20.52	20.24	22.00
		50	0	20.67	20.6	20.35	22.00
	64QAM	1	0	20.57	20.48	20.29	22.00
		1	25	20.51	20.47	20.14	22.00
		1	49	20.58	20.47	20.27	22.00
		25	0	19.55	19.35	19.26	21.00
		25	13	19.71	19.59	19.40	21.00
		25	25	19.61	19.37	19.25	21.00
		50	0	19.46	19.37	19.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.84	20.70	20.48	22.00
		1	38	20.72	20.66	20.41	22.00
		1	74	20.89	20.83	20.58	22.00
		36	0	20.66	20.56	20.33	22.00
		36	18	20.57	20.48	20.27	22.00
		36	39	20.65	20.56	20.32	22.00
		75	0	20.59	20.48	20.25	22.00
	16QAM	1	0	20.76	20.64	20.42	22.00
		1	38	20.61	20.51	20.28	22.00
		1	74	20.68	20.56	20.39	22.00
		36	0	20.52	20.42	20.24	22.00
36	18	20.70	20.53	20.35	22.00		



	64QAM	36	39	20.58	20.51	20.26	22.00
		75	0	20.65	20.57	20.36	22.00
		1	0	20.59	20.51	20.29	22.00
		1	38	20.51	20.43	20.17	22.00
		1	74	20.60	20.47	20.30	22.00
		36	0	19.55	19.39	19.26	21.00
		36	18	19.68	19.57	19.44	21.00
		36	39	19.62	19.40	19.23	21.00
		75	0	19.45	19.36	19.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	20.91	20.79	20.58	22.00
		1	50	20.82	20.73	20.50	22.00
		1	99	20.96	20.89	20.99	22.00
		50	0	20.75	20.65	20.41	22.00
		50	25	20.65	20.58	20.34	22.00
		50	50	20.75	20.65	20.41	22.00
		100	0	20.65	20.58	20.34	22.00
	16QAM	1	0	20.82	20.73	20.50	22.00
		1	50	20.67	20.56	20.35	22.00
		1	99	20.76	20.63	20.45	22.00
		50	0	20.59	20.47	20.29	22.00
		50	25	20.76	20.63	20.45	22.00
		50	50	20.65	20.58	20.34	22.00
		100	0	20.75	20.65	20.41	22.00
	64QAM	1	0	20.65	20.58	20.34	22.00
		1	50	20.60	20.52	20.24	22.00
		1	99	20.67	20.56	20.35	22.00
		50	0	19.62	19.45	19.35	21.00
		50	25	19.77	19.66	19.49	21.00
		50	50	19.67	19.47	19.33	21.00
		100	0	19.55	19.43	19.25	21.00

LTE Band 4 Head Simultaneous Transmission				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	17.19	17.05	17.03	18.00	
		1	2	17.12	17.04	16.98	18.00	
		1	5	17.29	17.15	17.14	18.00	
		3	0	17.02	16.89	16.87	18.00	
		3	1	17.01	16.9	16.8	18.00	
		3	3	17.03	16.94	16.85	18.00	
	16QAM	6	0	17.01	16.86	16.81	18.00	
		1	0	17.1	17	16.95	18.00	
		1	2	16.96	16.84	16.85	18.00	
		1	5	17.04	16.92	16.87	18.00	
		3	0	16.83	16.81	16.75	18.00	
		3	1	17.03	16.91	16.88	18.00	
	64QAM	3	3	16.99	16.88	16.8	18.00	
		6	0	17.02	16.92	16.87	18.00	
		1	0	17.03	16.90	16.80	18.00	
		1	2	16.92	16.80	16.76	18.00	
		1	5	17.00	16.80	16.81	18.00	
		3	0	16.92	16.75	16.72	18.00	
	3MHz	QPSK	3	1	17.01	16.89	16.87	18.00
			3	3	16.84	16.80	16.72	18.00
			6	0	16.76	16.70	16.70	18.00
1			0	17.21	17.08	17.12	18.00	
1			7	17.13	16.98	17	18.00	
1			14	17.26	17.14	17.15	18.00	
16QAM		8	0	17.05	16.91	16.9	18.00	
	8	4	16.97	16.85	16.8	18.00		
	8	7	17.03	16.95	16.88	18.00		
	15	0	16.99	16.89	16.76	18.00		
	1	0	17.11	17	17.02	18.00		
	1	7	16.97	16.85	16.83	18.00		
	1	14	17.02	16.9	16.91	18.00		
64QAM	8	0	16.86	16.77	16.77	18.00		
	8	4	17.03	16.92	16.89	18.00		
	8	7	17.03	16.87	16.82	18.00		
	15	0	17.09	16.96	16.88	18.00		
	1	0	17.03	16.89	16.77	18.00		
	1	7	16.91	16.80	16.75	18.00		
	1	14	16.95	16.84	16.86	18.00		
5MHz	QPSK	8	0	16.90	16.82	16.71	18.00	
		8	4	17.04	16.96	16.87	18.00	
8		7	16.85	16.80	16.75	18.00		
15		0	16.78	16.73	16.69	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	17.2	17.09	17.07	18.00	
		1	13	17.12	17.03	16.93	18.00	
		1	24	17.28	17.18	17.18	18.00	
		12	0	17.04	16.95	16.91	18.00	



	16QAM	12	6	16.99	16.84	16.82	18.00
		12	13	17.01	16.96	16.88	18.00
		25	0	17.03	16.83	16.78	18.00
		1	0	17.12	16.98	16.95	18.00
		1	13	17.01	16.82	16.85	18.00
		1	24	17	16.94	16.88	18.00
		12	0	16.9	16.8	16.75	18.00
		12	6	17.06	16.9	16.83	18.00
		12	13	17.03	16.84	16.78	18.00
	25	0	17.05	16.94	16.89	18.00	
	64QAM	1	0	17.01	16.88	16.76	18.00
		1	13	16.88	16.79	16.77	18.00
		1	24	16.96	16.84	16.80	18.00
		12	0	16.95	16.81	16.72	18.00
		12	6	16.98	16.94	16.87	18.00
12		13	16.86	16.82	16.77	18.00	
25	0	16.81	16.67	16.71	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.16	17.14	17.12	18.00
		1	25	17.12	16.96	16.97	18.00
		1	49	17.25	17.13	17.14	18.00
		25	0	17.04	16.96	16.92	18.00
		25	13	17	16.88	16.77	18.00
		25	25	17.04	16.92	16.93	18.00
	50	0	16.97	16.87	16.75	18.00	
	16QAM	1	0	17.11	17.02	16.95	18.00
		1	25	16.98	16.87	16.8	18.00
		1	49	17.03	16.96	16.89	18.00
		25	0	16.84	16.77	16.75	18.00
		25	13	17	16.92	16.9	18.00
		25	25	17.01	16.86	16.85	18.00
	50	0	17.08	16.89	16.88	18.00	
	64QAM	1	0	16.96	16.90	16.77	18.00
		1	25	16.92	16.80	16.75	18.00
		1	49	16.96	16.83	16.88	18.00
		25	0	16.93	16.77	16.74	18.00
		25	13	17.03	16.97	16.89	18.00
		25	25	16.84	16.78	16.76	18.00
	50	0	16.77	16.70	16.65	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.2	17.11	17.06	18.00
		1	38	17.1	17	16.98	18.00
		1	74	17.33	17.1	17.14	18.00
		36	0	17.06	16.91	16.87	18.00
		36	18	16.98	16.9	16.8	18.00
		36	39	17	16.92	16.89	18.00
	75	0	16.97	16.86	16.78	18.00	
	16QAM	1	0	17.13	17.03	17.02	18.00
		1	38	16.95	16.86	16.79	18.00
		1	74	17.02	16.89	16.89	18.00
36		0	16.87	16.77	16.8	18.00	
36	18	17.03	16.91	16.86	18.00		

	64QAM	36	39	17	16.87	16.79	18.00
		75	0	17.02	16.94	16.91	18.00
		1	0	17.01	16.87	16.84	18.00
		1	38	16.92	16.77	16.73	18.00
		1	74	16.97	16.87	16.82	18.00
		36	0	16.96	16.81	16.75	18.00
		36	18	17.04	16.87	16.85	18.00
		36	39	16.85	16.77	16.76	18.00
		75	0	16.77	16.73	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.28	17.15	17.14	18.00
		1	50	17.38	17.4	17.35	18.00
		1	99	17.38	17.2	17.22	18.00
		50	0	17.29	17.37	17.33	18.00
		50	25	17.09	16.98	16.89	18.00
		50	50	17.09	17	16.96	18.00
		100	0	17.08	17.3	16.87	18.00
	16QAM	1	0	17.17	17.11	17.06	18.00
		1	50	17.05	16.94	16.93	18.00
		1	99	17.12	16.99	16.93	18.00
		50	0	16.96	16.85	16.87	18.00
		50	25	17.11	16.97	16.95	18.00
		50	50	17.07	16.96	16.87	18.00
		100	0	17.13	17.02	16.98	18.00
	64QAM	1	0	17.05	16.93	16.86	18.00
		1	50	17.03	16.89	16.83	18.00
		1	99	17.05	16.92	16.93	18.00
		50	0	16.99	16.86	16.81	18.00
		50	25	17.12	17.01	16.95	18.00
		50	50	16.95	16.83	16.87	18.00
		100	0	16.85	16.81	16.77	18.00



LTE Band 4 Body Simultaneous Transmission				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	18.33	18.16	18.01	19.50	
		1	2	18.24	18.16	17.9	19.50	
		1	5	18.43	18.33	18.06	19.50	
		3	0	18.11	18.05	17.78	19.50	
		3	1	18.07	17.97	17.74	19.50	
		3	3	18.16	18.1	17.8	19.50	
	16QAM	6	0	18.01	17.97	17.74	19.50	
		1	0	18.21	18.13	17.86	19.50	
		1	2	18.04	17.95	17.74	19.50	
		1	5	18.14	18.03	17.85	19.50	
		3	0	18	17.86	17.72	19.50	
		3	1	18.18	18.03	17.86	19.50	
	64QAM	3	3	18.01	17.96	17.76	19.50	
		6	0	18.19	18.02	17.82	19.50	
		1	0	18.02	17.97	17.74	19.50	
		1	2	18.04	17.92	17.65	19.50	
		1	5	18.12	17.95	17.77	19.50	
		3	0	18.04	17.98	17.78	19.50	
	3MHz	QPSK	3	1	18.19	18.00	17.85	19.50
			3	3	18.01	17.83	17.72	19.50
			6	0	18.02	17.95	17.76	19.50
1			0	18.36	18.18	17.95	19.50	
1			7	18.27	18.16	17.9	19.50	
1			14	18.37	18.29	18.07	19.50	
3MHz	16QAM	8	0	18.15	18.05	17.81	19.50	
		8	4	18.01	17.99	17.74	19.50	
		8	7	18.19	18.04	17.85	19.50	
		15	0	18.01	17.99	17.76	19.50	
		1	0	18.21	18.17	17.86	19.50	
		1	7	18.1	17.96	17.74	19.50	
	64QAM	1	14	18.16	18.05	17.87	19.50	
		8	0	17.99	17.85	17.69	19.50	
		8	4	18.18	18.04	17.85	19.50	
		8	7	18.07	17.99	17.72	19.50	
		15	0	18.11	18.06	17.86	19.50	
		1	0	18.06	17.97	17.75	19.50	
5MHz	QPSK	1	7	18.01	17.87	17.63	19.50	
		1	14	18.04	17.94	17.75	19.50	
		8	0	18.06	17.99	17.75	19.50	
		8	4	18.13	18.02	17.86	19.50	
		8	7	17.97	17.88	17.71	19.50	
		15	0	18.12	18.06	17.85	19.50	
5MHz	QPSK	1	0	18.3	18.17	17.95	19.50	
		12	0	18.15	18.02	17.82	19.50	

	16QAM	12	6	18	17.94	17.75	19.50
		12	13	18.18	18.07	17.8	19.50
		25	0	18.05	17.96	17.72	19.50
		1	0	18.21	18.13	17.91	19.50
		1	13	18.06	17.97	17.75	19.50
		1	24	18.14	18.04	17.88	19.50
		12	0	18.01	17.87	17.68	19.50
		12	6	18.17	18.01	17.9	19.50
		12	13	18.08	17.93	17.78	19.50
	25	0	18.16	18.05	17.79	19.50	
	64QAM	1	0	18.08	17.95	17.77	19.50
		1	13	18.00	17.92	17.68	19.50
		1	24	18.02	17.93	17.76	19.50
		12	0	18.16	18.05	17.86	19.50
		12	6	18.02	17.98	17.74	19.50
		12	13	18.12	18.06	17.86	19.50
		25	0	18.04	18.01	17.71	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350
10MHz	QPSK	1	0	18.3	18.15	17.94	19.50
		1	25	18.26	18.1	17.91	19.50
		1	49	18.4	18.33	18.05	19.50
		25	0	18.17	18.04	17.83	19.50
		25	13	18.07	17.96	17.71	19.50
		25	25	18.14	18.06	17.84	19.50
		50	0	18.02	17.98	17.71	19.50
	16QAM	1	0	18.22	18.12	17.88	19.50
		1	25	18.05	17.94	17.78	19.50
		1	49	18.14	18.05	17.86	19.50
		25	0	17.95	17.87	17.66	19.50
		25	13	18.19	18.04	17.83	19.50
		25	25	18.01	17.98	17.74	19.50
		50	0	18.13	18.06	17.82	19.50
	64QAM	1	0	18.06	17.98	17.76	19.50
		1	25	17.99	17.95	17.61	19.50
		1	49	18.08	17.97	17.76	19.50
		25	0	18.14	18.02	17.81	19.50
		25	13	18.07	17.95	17.76	19.50
		25	25	18.09	17.96	17.73	19.50
		50	0	18.01	17.96	17.69	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.34	18.19	17.93	19.50
		1	38	18.18	18.11	17.91	19.50
		1	74	18.38	18.28	18.08	19.50
		36	0	18.11	18.05	17.8	19.50
		36	18	18.03	17.98	17.77	19.50
		36	39	18.12	18.01	17.81	19.50
		75	0	18.09	17.98	17.74	19.50
	16QAM	1	0	18.26	18.1	17.9	19.50
		1	38	18.08	18.01	17.73	19.50
		1	74	18.16	18.03	17.85	19.50
		36	0	18.02	17.9	17.69	19.50
		36	18	18.18	18.01	17.81	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	36	39	18.04	17.99	17.71	19.50	
		75	0	18.13	18.06	17.83	19.50	
		1	0	18.05	17.98	17.78	19.50	
		1	38	17.98	17.90	17.67	19.50	
		1	74	18.06	17.95	17.75	19.50	
		36	0	18.13	18.01	17.84	19.50	
		36	18	18.24	18.09	17.91	19.50	
		36	39	18.12	18.05	17.83	19.50	
		75	0	18.25	18.14	17.86	19.50	
	20MHz	QPSK	1	0	18.4	18.27	18.03	19.50
			1	50	18.27	18.18	17.99	19.50
			1	99	18.13	18.35	18.48	19.50
			50	0	18.25	18.1	17.9	19.50
			50	25	18.13	18.05	17.83	19.50
			50	50	18.24	18.1	17.87	19.50
			100	0	18.12	18.07	17.84	19.50
		16QAM	1	0	18.32	18.22	17.95	19.50
			1	50	18.15	18.02	17.8	19.50
			1	99	18.24	18.13	17.91	19.50
			50	0	18.09	17.92	17.78	19.50
			50	25	18.25	18.08	17.93	19.50
			50	50	18.13	18.06	17.81	19.50
			100	0	18.22	18.13	17.86	19.50
		64QAM	1	0	18.11	18.03	17.82	19.50
1			50	18.09	18.00	17.72	19.50	
1			99	18.12	18.06	17.83	19.50	
50			0	18.18	18.05	17.88	19.50	
50			25	18.02	17.92	17.74	19.50	
50			50	18.08	17.98	17.79	19.50	
100			0	17.98	17.89	17.67	19.50	



LTE Band 66 Receiver off & Sensor off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				131979	132322	132665			
1.4MHz	QPSK	1	0	22.78	22.54	22.52	24.00		
		1	2	22.81	22.59	22.49	24.00		
		1	5	22.75	22.47	22.47	24.00		
		3	0	22.70	22.61	22.63	24.00		
		3	2	22.78	22.64	22.59	24.00		
		3	3	22.73	22.65	22.51	24.00		
	16QAM	6	0	21.77	21.69	21.63	23.00		
		1	0	22.33	21.92	21.51	23.00		
		1	2	22.14	22.13	21.84	23.00		
		1	5	22.30	22.03	22.30	23.00		
		3	0	21.90	21.82	21.54	23.00		
		3	2	21.81	21.96	21.65	23.00		
	64QAM	3	3	21.63	21.81	21.51	23.00		
		6	0	21.13	20.72	20.62	22.00		
		1	0	21.00	20.91	21.20	22.00		
		1	2	21.21	20.80	20.82	22.00		
		1	5	20.96	20.91	20.68	22.00		
		3	0	21.00	20.94	21.20	22.00		
3MHz	QPSK	3	2	21.81	21.96	21.65	23.00		
		3	3	21.63	21.81	21.51	23.00		
		6	0	21.13	20.72	20.62	22.00		
		1	0	21.00	20.91	21.20	22.00		
		1	2	21.21	20.80	20.82	22.00		
		1	5	20.96	20.91	20.68	22.00		
	16QAM	3	0	21.00	20.94	21.20	22.00		
		3	2	21.21	20.77	20.78	22.00		
		3	3	20.97	20.88	20.69	22.00		
		6	0	19.80	19.85	19.65	21.00		
		1	0	22.76	22.66	22.64	24.00		
		1	7	22.63	22.75	22.51	24.00		
5MHz	QPSK	1	14	22.67	22.65	22.45	24.00		
		8	0	21.93	21.76	21.65	23.00		
		8	4	21.97	21.84	21.66	23.00		
		8	7	21.78	21.80	21.65	23.00		
		15	0	21.85	21.82	21.66	23.00		
		1	0	21.74	22.08	21.96	23.00		
	16QAM	1	7	22.54	21.73	21.74	23.00		
		1	14	22.07	22.05	21.72	23.00		
		8	0	20.97	20.61	20.69	22.00		
		8	4	20.88	20.90	20.74	22.00		
		8	7	20.94	20.80	20.40	22.00		
		15	0	20.88	20.81	20.70	22.00		
	64QAM	1	0	21.04	20.93	21.18	22.00		
		1	7	21.20	20.80	20.81	22.00		
		1	14	20.94	20.88	20.69	22.00		
		8	0	19.92	19.85	19.72	21.00		
		8	4	19.83	19.92	19.58	21.00		
		8	7	19.72	19.60	19.50	21.00		
5MHz	QPSK	15	0	19.81	19.82	19.62	21.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		131997	132322	132647					
		1	0	22.94	22.86	22.60	24.00		
1	13	22.85	22.55	22.65	24.00				
1	24	22.89	22.61	22.53	24.00				
12	0	21.90	21.89	21.67	23.00				



	16QAM	12	6	21.97	21.80	21.77	23.00
		12	13	21.88	21.72	21.69	23.00
		25	0	21.92	21.69	21.75	23.00
		1	0	22.38	22.28	21.91	23.00
		1	13	22.33	22.20	21.84	23.00
		1	24	21.91	22.18	21.89	23.00
		12	0	20.98	20.94	20.76	22.00
		12	6	20.99	20.76	20.80	22.00
		12	13	20.95	20.73	20.76	22.00
	25	0	20.98	20.82	20.68	22.00	
	64QAM	1	0	21.03	20.92	21.21	22.00
		1	13	21.23	20.81	20.81	22.00
		1	24	20.93	20.89	20.67	22.00
		12	0	19.88	19.88	19.69	21.00
		12	6	19.83	19.94	19.55	21.00
12		13	19.72	19.64	19.50	21.00	
25	0	19.83	19.87	19.61	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.86	22.76	22.53	24.00
		1	25	22.85	22.77	22.61	24.00
		1	49	22.51	22.46	22.42	24.00
		25	0	22.00	21.87	21.74	23.00
		25	13	21.89	21.89	21.71	23.00
		25	25	21.87	21.76	21.71	23.00
		50	0	21.87	21.93	21.60	23.00
	16QAM	1	0	22.02	22.07	21.77	23.00
		1	25	22.02	22.25	22.21	23.00
		1	49	22.23	22.30	21.81	23.00
		25	0	20.93	20.82	20.73	22.00
		25	13	20.89	20.87	20.80	22.00
		25	25	20.94	20.74	20.85	22.00
		50	0	20.94	20.88	20.73	22.00
	64QAM	1	0	21.01	20.93	21.19	22.00
		1	25	21.19	20.78	20.78	22.00
		1	49	20.94	20.87	20.69	22.00
		25	0	19.93	19.83	19.69	21.00
		25	13	19.79	19.91	19.57	21.00
		25	25	19.70	19.63	19.49	21.00
		50	0	19.81	19.86	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.82	22.68	22.70	24.00
		1	38	22.72	22.54	22.58	24.00
		1	74	22.53	22.70	22.89	24.00
		36	0	21.76	21.80	21.63	23.00
		36	18	21.97	21.70	21.70	23.00
		36	39	21.80	21.69	21.69	23.00
		75	0	21.95	21.85	21.72	23.00
	16QAM	1	0	22.22	22.01	21.79	23.00
		1	38	22.29	22.01	22.14	23.00
		1	74	21.20	21.56	21.56	23.00
		36	0	20.87	20.81	20.57	22.00
36	18	20.87	20.67	20.74	22.00		

	64QAM	36	39	20.75	20.62	20.70	22.00
		75	0	20.72	20.84	20.63	22.00
		1	0	21.02	20.92	21.22	22.00
		1	38	21.19	20.76	20.78	22.00
		1	74	20.94	20.89	20.68	22.00
		36	0	19.91	19.83	19.68	21.00
		36	18	19.81	19.92	19.57	21.00
		36	39	19.68	19.62	19.48	21.00
		75	0	19.81	19.86	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	22.92	22.83	22.67	24.00
		1	50	22.61	22.52	22.61	24.00
		1	99	23.00	23.01	23.17	24.00
		50	0	21.95	21.84	22.00	23.00
		50	25	21.85	21.68	21.72	23.00
		50	50	21.86	21.61	21.62	23.00
		100	0	21.86	21.79	21.95	23.00
	16QAM	1	0	22.10	22.00	22.28	23.00
		1	50	22.29	21.86	21.88	23.00
		1	99	22.93	21.96	21.76	23.00
		50	0	20.98	20.93	20.78	22.00
		50	25	20.89	20.99	20.64	22.00
		50	50	20.77	20.70	20.58	22.00
		100	0	20.88	20.92	20.71	22.00
	64QAM	1	0	21.05	20.92	21.23	22.00
		1	50	21.22	20.78	20.83	22.00
		1	99	20.94	20.88	20.68	22.00
		50	0	19.92	19.83	19.71	21.00
		50	25	19.81	19.90	19.54	21.00
		50	50	19.71	19.60	19.48	21.00
		100	0	19.81	19.87	19.61	21.00

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	16.18	15.95	15.94	17.50
		1	2	16.26	16.00	15.92	17.50
		1	5	16.16	15.91	15.87	17.50
		3	0	16.15	16.01	16.03	17.50
		3	2	16.21	16.07	16.03	17.50
		3	3	16.13	16.10	15.92	17.50
		6	0	16.16	15.94	15.92	17.50
	16QAM	1	0	16.24	16.00	15.88	17.50
		1	2	16.13	15.90	15.82	17.50
		1	5	16.10	15.96	16.07	17.50
		3	0	16.17	16.02	15.98	17.50
		3	2	16.15	16.02	15.94	17.50
		3	3	16.14	15.88	15.89	17.50
		6	0	16.15	16.01	15.99	17.50
	64QAM	1	0	16.13	16.08	15.97	17.50
		1	2	16.13	16.09	15.91	17.50
		1	5	16.19	15.92	15.91	17.50
		3	0	16.21	15.97	15.82	17.50
		3	2	16.15	15.86	15.85	17.50
		3	3	16.06	15.94	16.00	17.50
		6	0	16.11	15.85	15.84	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.21	15.93	15.97	17.50
		1	7	16.18	15.95	15.87	17.50
		1	14	16.14	15.90	15.88	17.50
		8	0	16.07	15.99	16.03	17.50
		8	4	16.17	16.04	16.02	17.50
		8	7	16.14	16.05	15.93	17.50
		15	0	16.11	15.91	15.94	17.50
	16QAM	1	0	16.20	15.98	15.88	17.50
		1	7	16.12	15.83	15.85	17.50
		1	14	16.04	16.00	16.04	17.50
		8	0	16.17	15.98	15.95	17.50
		8	4	16.16	16.03	15.86	17.50
		8	7	16.15	15.83	15.87	17.50
		15	0	16.10	15.95	15.98	17.50
	64QAM	1	0	16.14	16.05	16.00	17.50
		1	7	16.06	16.03	15.87	17.50
		1	14	16.17	15.92	15.90	17.50
		8	0	16.20	15.97	15.78	17.50
		8	4	16.11	15.88	15.82	17.50
		8	7	16.03	15.93	15.99	17.50
		15	0	16.07	15.87	15.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	16.21	15.90	15.96	17.50
		1	13	16.17	15.96	15.88	17.50
		1	24	16.18	15.86	15.91	17.50
		12	0	16.07	15.99	16.07	17.50

	16QAM	12	6	16.19	16.06	15.97	17.50
		12	13	16.14	16.09	15.92	17.50
		25	0	16.19	15.91	15.92	17.50
		1	0	16.22	16.02	15.84	17.50
		1	13	16.12	15.86	15.81	17.50
		1	24	16.03	16.00	16.03	17.50
		12	0	16.18	16.01	15.99	17.50
		12	6	16.11	15.99	15.91	17.50
		12	13	16.15	15.83	15.81	17.50
	25	0	16.10	15.96	15.94	17.50	
	64QAM	1	0	16.12	16.05	15.97	17.50
		1	13	16.10	16.05	15.88	17.50
		1	24	16.16	15.90	15.91	17.50
		12	0	16.17	15.95	15.76	17.50
		12	6	16.11	15.89	15.83	17.50
12		13	16.04	15.95	16.02	17.50	
25	0	16.07	15.81	15.77	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	16.15	15.94	15.92	17.50
		1	25	16.21	16.01	15.85	17.50
		1	49	16.17	15.83	15.88	17.50
		25	0	16.11	15.99	16.02	17.50
		25	13	16.16	16.02	16.02	17.50
		25	25	16.11	16.10	15.90	17.50
		50	0	16.12	15.89	15.91	17.50
	16QAM	1	0	16.20	16.02	15.83	17.50
		1	25	16.07	15.86	15.85	17.50
		1	49	16.05	15.99	16.00	17.50
		25	0	16.19	15.99	15.98	17.50
		25	13	16.13	15.99	15.86	17.50
		25	25	16.17	15.84	15.84	17.50
		50	0	16.09	15.95	15.99	17.50
	64QAM	1	0	16.12	16.07	15.94	17.50
		1	25	16.08	16.04	15.88	17.50
		1	49	16.17	15.89	15.84	17.50
		25	0	16.14	15.90	15.77	17.50
		25	13	16.08	15.87	15.82	17.50
		25	25	16.02	15.89	16.00	17.50
		50	0	16.08	15.80	15.84	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	16.16	15.93	15.95	17.50
		1	38	16.20	15.97	15.88	17.50
		1	74	16.13	15.88	15.85	17.50
		36	0	16.11	16.06	16.04	17.50
		36	18	16.22	16.05	15.97	17.50
		36	39	16.14	16.03	15.90	17.50
		75	0	16.17	15.87	15.90	17.50
	16QAM	1	0	16.19	15.97	15.84	17.50
		1	38	16.14	15.89	15.81	17.50
		1	74	16.06	15.98	16.01	17.50
		36	0	16.12	16.05	15.97	17.50
		36	18	16.09	16.02	15.88	17.50

		36	39	16.11	15.88	15.86	17.50
		75	0	16.12	15.98	15.97	17.50
	64QAM	1	0	16.16	16.03	15.98	17.50
		1	38	16.13	16.07	15.91	17.50
		1	74	16.19	15.92	15.88	17.50
		36	0	16.15	15.92	15.77	17.50
		36	18	16.11	15.85	15.81	17.50
		36	39	16.06	15.95	15.98	17.50
		75	0	16.10	15.81	15.84	17.50
Bandwidth		Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572
20MHz	QPSK	1	0	16.22	15.95	15.92	17.50
		1	50	16.23	16.25	16.10	17.50
		1	99	16.12	15.85	15.85	17.50
		50	0	16.19	16.20	16.03	17.50
		50	25	16.15	16.05	15.99	17.50
		50	50	16.13	16.05	15.96	17.50
		100	0	16.17	15.92	15.88	17.50
	16QAM	1	0	16.19	15.99	15.89	17.50
		1	50	16.09	15.84	15.82	17.50
		1	99	16.09	15.91	16.04	17.50
		50	0	16.17	16.00	15.99	17.50
		50	25	16.14	15.96	15.93	17.50
		50	50	16.13	15.90	15.83	17.50
		100	0	16.05	15.95	15.95	17.50
	64QAM	1	0	16.15	16.05	15.93	17.50
		1	50	16.12	16.07	15.88	17.50
		1	99	16.13	15.92	15.89	17.50
		50	0	16.16	15.96	15.79	17.50
		50	25	16.11	15.82	15.81	17.50
		50	50	16.06	15.95	15.99	17.50
		100	0	16.10	15.85	15.84	17.50

LTE Band 66 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.80	20.55	20.52	22.00
		1	2	20.79	20.54	20.52	22.00
		1	5	20.75	20.48	20.48	22.00
		3	0	20.72	20.61	20.63	22.00
		3	2	20.82	20.63	20.58	22.00
		3	3	20.70	20.64	20.53	22.00
	16QAM	6	0	20.76	20.48	20.44	22.00
		1	0	20.78	20.59	20.44	22.00
		1	2	20.66	20.43	20.41	22.00
		1	5	20.67	20.60	20.62	22.00
		3	0	20.76	20.55	20.60	22.00
		3	2	20.70	20.60	20.50	22.00
	64QAM	3	3	20.72	20.50	20.47	22.00
		6	0	20.70	20.55	20.58	22.00
		1	0	20.72	20.67	20.55	22.00
		1	2	20.69	20.66	20.48	22.00
		1	5	20.78	20.54	20.47	22.00
		3	0	20.78	20.56	20.37	22.00
3MHz	QPSK	3	2	20.65	20.47	20.46	22.00
		3	3	20.58	20.51	20.58	22.00
		6	0	19.55	19.45	19.55	21.00
		1	0	20.80	20.52	20.56	22.00
		1	7	20.78	20.59	20.49	22.00
		1	14	20.72	20.50	20.49	22.00
	16QAM	8	0	20.70	20.60	20.63	22.00
		8	4	20.81	20.64	20.60	22.00
		8	7	20.77	20.66	20.51	22.00
		15	0	20.76	20.52	20.50	22.00
		1	0	20.80	20.53	20.43	22.00
		1	7	20.68	20.43	20.40	22.00
	64QAM	1	14	20.64	20.61	20.63	22.00
		8	0	20.75	20.57	20.56	22.00
		8	4	20.68	20.60	20.50	22.00
		8	7	20.75	20.45	20.46	22.00
		15	0	20.65	20.61	20.60	22.00
		1	0	20.76	20.62	20.60	22.00
5MHz	QPSK	1	7	20.70	20.66	20.50	22.00
		1	14	20.72	20.52	20.52	22.00
		8	0	19.56	19.65	19.45	21.00
		8	4	19.54	19.55	19.60	21.00
		8	7	19.56	19.41	19.64	21.00
		15	0	19.55	19.59	19.48	21.00
		1	0	20.78	20.57	20.50	22.00
		1	13	20.77	20.61	20.48	22.00
		1	24	20.77	20.49	20.51	22.00
		12	0	20.68	20.58	20.60	22.00

	16QAM	12	6	20.77	20.66	20.59	22.00
		12	13	20.77	20.61	20.47	22.00
		25	0	20.75	20.47	20.50	22.00
		1	0	20.79	20.59	20.45	22.00
		1	13	20.74	20.45	20.43	22.00
		1	24	20.70	20.58	20.60	22.00
		12	0	20.75	20.61	20.53	22.00
		12	6	20.68	20.61	20.54	22.00
		12	13	20.70	20.51	20.46	22.00
	25	0	20.67	20.57	20.58	22.00	
	64QAM	1	0	20.76	20.61	20.54	22.00
		1	13	20.70	20.61	20.52	22.00
		1	24	20.78	20.47	20.47	22.00
		12	0	19.65	19.45	19.55	21.00
		12	6	19.55	19.66	19.65	21.00
12		13	19.45	19.44	19.55	21.00	
25	0	19.55	19.68	19.56	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	20.77	20.52	20.52	22.00
		1	25	20.83	20.61	20.48	22.00
		1	49	20.75	20.46	20.45	22.00
		25	0	20.75	20.62	20.66	22.00
		25	13	20.76	20.64	20.60	22.00
		25	25	20.75	20.63	20.55	22.00
		50	0	20.75	20.53	20.51	22.00
	16QAM	1	0	20.76	20.60	20.43	22.00
		1	25	20.69	20.48	20.42	22.00
		1	49	20.66	20.52	20.65	22.00
		25	0	20.73	20.59	20.54	22.00
		25	13	20.73	20.61	20.45	22.00
		25	25	20.76	20.47	20.48	22.00
		50	0	20.73	20.56	20.58	22.00
	64QAM	1	0	20.73	20.68	20.61	22.00
		1	25	20.70	20.61	20.48	22.00
		1	49	20.76	20.45	20.46	22.00
		25	0	19.66	19.47	19.42	21.00
		25	13	19.55	19.55	19.55	21.00
		25	25	19.44	19.65	19.65	21.00
		50	0	19.56	19.55	19.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.79	20.53	20.49	22.00
		1	38	20.81	20.62	20.45	22.00
		1	74	20.72	20.45	20.51	22.00
		36	0	20.70	20.61	20.63	22.00
		36	18	20.77	20.64	20.63	22.00
		36	39	20.76	20.66	20.55	22.00
		75	0	20.75	20.50	20.46	22.00
	16QAM	1	0	20.79	20.57	20.41	22.00
		1	38	20.69	20.48	20.41	22.00
		1	74	20.65	20.55	20.62	22.00
		36	0	20.78	20.57	20.58	22.00
36	18	20.74	20.63	20.48	22.00		

	64QAM	36	39	20.72	20.47	20.46	22.00
		75	0	20.72	20.57	20.59	22.00
		1	0	20.76	20.67	20.53	22.00
		1	38	20.69	20.60	20.50	22.00
		1	74	20.73	20.49	20.45	22.00
		36	0	19.81	19.56	19.39	21.00
		36	18	19.72	19.44	19.44	21.00
		36	39	19.65	19.53	19.57	21.00
		75	0	19.68	19.48	19.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	20.79	20.54	20.49	22.00
		1	50	20.78	20.60	20.49	22.00
		1	99	20.80	20.81	20.83	22.00
		50	0	20.75	20.70	20.81	22.00
		50	25	20.70	20.64	20.60	22.00
		50	50	20.73	20.68	20.55	22.00
		100	0	20.73	20.49	20.85	22.00
	16QAM	1	0	20.80	20.59	20.46	22.00
		1	50	20.69	20.46	20.47	22.00
		1	99	20.67	20.58	20.65	22.00
		50	0	20.74	20.61	20.57	22.00
		50	25	20.71	20.62	20.53	22.00
		50	50	20.77	20.48	20.47	22.00
		100	0	20.69	20.56	20.53	22.00
	64QAM	1	0	20.71	20.60	20.54	22.00
		1	50	20.66	20.60	20.49	22.00
		1	99	20.76	20.48	20.46	22.00
		50	0	19.81	19.53	19.38	21.00
		50	25	19.67	19.50	19.42	21.00
		50	50	19.63	19.54	19.60	21.00
		100	0	19.66	19.46	19.42	21.00





LTE Band 66 Body Simultaneous Transmission				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	18.32	18.20	18.00	19.50	
		1	2	18.26	18.15	17.90	19.50	
		1	5	18.44	18.33	18.07	19.50	
		3	0	18.13	18.06	17.82	19.50	
		3	2	18.06	17.98	17.74	19.50	
		3	3	18.14	18.10	17.81	19.50	
	16QAM	6	0	18.01	18.01	17.75	19.50	
		1	0	18.22	18.10	17.88	19.50	
		1	2	18.02	17.96	17.72	19.50	
		1	5	18.17	18.00	17.84	19.50	
		3	0	18.00	17.84	17.70	19.50	
		3	2	18.18	18.04	17.84	19.50	
	64QAM	3	3	18.02	17.98	17.77	19.50	
		6	0	18.20	18.02	17.78	19.50	
		1	0	18.02	17.95	17.74	19.50	
		1	2	18.05	17.93	17.63	19.50	
		1	5	18.07	17.92	17.73	19.50	
		3	0	18.06	17.99	17.74	19.50	
	3MHz	QPSK	3	2	18.18	18.04	17.84	19.50
			3	3	18.02	17.98	17.77	19.50
			6	0	18.20	18.02	17.78	19.50
1			0	18.02	17.95	17.74	19.50	
1			2	18.05	17.93	17.63	19.50	
1			5	18.07	17.92	17.73	19.50	
16QAM		3	0	18.06	17.99	17.74	19.50	
		3	2	18.18	18.00	17.89	19.50	
		3	3	18.02	17.87	17.70	19.50	
		6	0	18.04	17.97	17.76	19.50	
		1	0	18.36	18.19	17.99	19.50	
		1	7	18.26	18.12	17.91	19.50	
64QAM		1	14	18.38	18.31	18.08	19.50	
		8	0	18.14	18.03	17.82	19.50	
		8	4	18.06	18.02	17.75	19.50	
		8	7	18.17	18.05	17.85	19.50	
		15	0	18.02	17.99	17.77	19.50	
		1	0	18.21	18.13	17.88	19.50	
QPSK		1	7	18.08	17.98	17.74	19.50	
		1	14	18.14	18.00	17.86	19.50	
		8	0	17.99	17.88	17.67	19.50	
	8	4	18.16	17.99	17.83	19.50		
	8	7	18.03	17.94	17.75	19.50		
	15	0	18.11	18.04	17.84	19.50		
16QAM	1	0	18.07	17.99	17.75	19.50		
	1	7	18.01	17.91	17.64	19.50		
	1	14	18.05	17.97	17.72	19.50		
	8	0	18.07	17.96	17.72	19.50		
	8	4	18.12	18.01	17.87	19.50		
	8	7	18.00	17.89	17.66	19.50		
64QAM	15	0	18.13	18.09	17.83	19.50		
	Channel	Channel	Channel	Tune up				
	131997	132322	132647					
	5MHz	QPSK	1	0	18.29	18.21	17.96	19.50
			1	13	18.21	18.16	17.88	19.50
			1	24	18.39	18.29	18.06	19.50
12			0	18.18	18.02	17.82	19.50	

	16QAM	12	6	18.04	17.98	17.78	19.50
		12	13	18.16	18.08	17.80	19.50
		25	0	18.09	17.96	17.72	19.50
		1	0	18.23	18.15	17.88	19.50
		1	13	18.02	17.96	17.75	19.50
		1	24	18.11	18.05	17.87	19.50
		12	0	17.98	17.85	17.68	19.50
		12	6	18.17	18.05	17.89	19.50
		12	13	18.05	17.97	17.76	19.50
	25	0	18.16	18.02	17.80	19.50	
	64QAM	1	0	18.04	17.97	17.73	19.50
		1	13	17.97	17.94	17.64	19.50
		1	24	18.07	17.95	17.75	19.50
		12	0	18.16	18.03	17.86	19.50
		12	6	18.02	17.97	17.69	19.50
12		13	18.16	18.07	17.85	19.50	
25	0	18.01	17.99	17.73	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	18.29	18.15	17.96	19.50
		1	25	18.26	18.12	17.94	19.50
		1	49	18.41	18.33	18.01	19.50
		25	0	18.15	18.04	17.83	19.50
		25	13	18.07	18.00	17.72	19.50
		25	25	18.15	18.05	17.86	19.50
		50	0	18.02	18.00	17.70	19.50
	16QAM	1	0	18.23	18.09	17.88	19.50
		1	25	18.06	17.97	17.79	19.50
		1	49	18.13	18.01	17.83	19.50
		25	0	17.99	17.89	17.70	19.50
		25	13	18.18	18.07	17.85	19.50
		25	25	18.00	18.02	17.74	19.50
		50	0	18.16	18.05	17.83	19.50
	64QAM	1	0	18.05	17.95	17.75	19.50
		1	25	18.00	17.96	17.59	19.50
		1	49	18.05	17.95	17.74	19.50
		25	0	18.15	18.07	17.80	19.50
		25	13	18.04	17.98	17.77	19.50
		25	25	18.07	17.98	17.73	19.50
		50	0	18.00	17.93	17.68	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	18.31	18.17	17.97	19.50
		1	38	18.18	18.15	17.86	19.50
		1	74	18.36	18.32	18.05	19.50
		36	0	18.14	18.01	17.78	19.50
		36	18	18.07	17.98	17.76	19.50
		36	39	18.10	18.06	17.80	19.50
		75	0	18.05	17.95	17.70	19.50
	16QAM	1	0	18.26	18.14	17.91	19.50
		1	38	18.08	17.97	17.77	19.50
		1	74	18.15	18.05	17.89	19.50
		36	0	17.98	17.88	17.72	19.50
36	18	18.15	18.03	17.85	19.50		

	64QAM	36	39	18.04	17.97	17.75	19.50
		75	0	18.13	18.03	17.86	19.50
		1	0	18.04	17.99	17.77	19.50
		1	38	17.99	17.90	17.65	19.50
		1	74	18.06	17.92	17.79	19.50
		36	0	18.13	18.03	17.80	19.50
		36	18	18.21	18.09	17.90	19.50
		36	39	18.15	18.07	17.81	19.50
		75	0	18.21	18.13	17.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	18.40	18.26	18.08	19.50
		1	50	18.27	18.18	17.95	19.50
		1	99	18.14	18.34	18.47	19.50
		50	0	18.21	18.11	17.91	19.50
		50	25	18.11	18.05	17.82	19.50
		50	50	18.22	18.15	17.88	19.50
		100	0	18.10	18.07	17.82	19.50
	16QAM	1	0	18.30	18.18	17.97	19.50
		1	50	18.12	18.05	17.80	19.50
		1	99	18.24	18.09	17.94	19.50
		50	0	18.08	17.97	17.74	19.50
		50	25	18.23	18.13	17.94	19.50
		50	50	18.11	18.03	17.80	19.50
		100	0	18.21	18.15	17.87	19.50
	64QAM	1	0	18.13	18.06	17.79	19.50
		1	50	18.09	17.98	17.71	19.50
		1	99	18.15	18.03	17.81	19.50
		50	0	18.16	18.03	17.87	19.50
		50	25	17.99	17.92	17.73	19.50
		50	50	18.07	17.99	17.77	19.50
		100	0	18.00	17.92	17.62	19.50

LTE Band 66 Head ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	13.63	13.41	13.44	15.00	
		1	2	13.74	13.47	13.40	15.00	
		1	5	13.65	13.36	13.35	15.00	
		3	0	13.61	13.50	13.50	15.00	
		3	2	13.68	13.54	13.52	15.00	
		3	3	13.58	13.57	13.39	15.00	
	16QAM	6	0	13.63	13.43	13.41	15.00	
		1	0	13.74	13.46	13.33	15.00	
		1	2	13.62	13.36	13.32	15.00	
		1	5	13.59	13.44	13.52	15.00	
		3	0	13.65	13.48	13.46	15.00	
		3	2	13.63	13.52	13.42	15.00	
	64QAM	3	3	13.60	13.33	13.37	15.00	
		6	0	13.61	13.49	13.49	15.00	
		1	0	13.63	13.56	13.44	15.00	
		1	2	13.63	13.55	13.38	15.00	
		1	5	13.69	13.42	13.36	15.00	
		3	0	13.67	13.44	13.27	15.00	
	3MHz	QPSK	3	2	13.65	13.34	13.34	15.00
			3	3	13.52	13.43	13.48	15.00
			6	0	13.61	13.30	13.33	15.00
1			0	13.69	13.39	13.46	15.00	
1			7	13.67	13.43	13.32	15.00	
1			14	13.63	13.38	13.35	15.00	
16QAM		8	0	13.53	13.45	13.53	15.00	
		8	4	13.65	13.52	13.48	15.00	
		8	7	13.60	13.50	13.40	15.00	
		15	0	13.56	13.40	13.43	15.00	
		1	0	13.66	13.45	13.36	15.00	
		1	7	13.59	13.32	13.35	15.00	
64QAM		1	14	13.49	13.50	13.51	15.00	
		8	0	13.64	13.45	13.45	15.00	
		8	4	13.62	13.52	13.32	15.00	
		8	7	13.63	13.28	13.32	15.00	
		15	0	13.56	13.43	13.45	15.00	
		1	0	13.59	13.50	13.45	15.00	
5MHz		QPSK	1	7	13.54	13.52	13.35	15.00
			1	14	13.67	13.39	13.35	15.00
			8	0	13.69	13.45	13.27	15.00
	8		4	13.59	13.33	13.27	15.00	
	8		7	13.51	13.40	13.49	15.00	
	15		0	13.57	13.34	13.27	15.00	
	QPSK	1	0	13.67	13.38	13.46	15.00	
		1	13	13.65	13.41	13.36	15.00	
	QPSK	1	24	13.66	13.34	13.36	15.00	
		12	0	13.54	13.49	13.52	15.00	

	16QAM	12	6	13.69	13.52	13.46	15.00
		12	13	13.60	13.55	13.42	15.00
		25	0	13.64	13.36	13.40	15.00
		1	0	13.72	13.51	13.30	15.00
		1	13	13.57	13.32	13.28	15.00
		1	24	13.52	13.48	13.49	15.00
		12	0	13.66	13.46	13.48	15.00
		12	6	13.60	13.49	13.38	15.00
		12	13	13.60	13.28	13.30	15.00
	25	0	13.56	13.46	13.42	15.00	
	64QAM	1	0	13.62	13.50	13.45	15.00
		1	13	13.60	13.50	13.35	15.00
		1	24	13.65	13.40	13.40	15.00
		12	0	13.65	13.44	13.23	15.00
		12	6	13.61	13.39	13.29	15.00
		12	13	13.51	13.40	13.52	15.00
		25	0	13.55	13.26	13.22	15.00
	Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622
10MHz	QPSK	1	0	13.61	13.41	13.37	15.00
		1	25	13.67	13.47	13.35	15.00
		1	49	13.66	13.30	13.35	15.00
		25	0	13.59	13.46	13.48	15.00
		25	13	13.63	13.47	13.48	15.00
		25	25	13.58	13.59	13.40	15.00
		50	0	13.58	13.36	13.41	15.00
	16QAM	1	0	13.66	13.49	13.33	15.00
		1	25	13.57	13.36	13.31	15.00
		1	49	13.51	13.45	13.46	15.00
		25	0	13.67	13.49	13.45	15.00
		25	13	13.59	13.45	13.33	15.00
		25	25	13.62	13.30	13.32	15.00
		50	0	13.56	13.41	13.48	15.00
	64QAM	1	0	13.60	13.54	13.44	15.00
		1	25	13.58	13.49	13.37	15.00
		1	49	13.62	13.34	13.29	15.00
		25	0	13.63	13.36	13.23	15.00
		25	13	13.58	13.37	13.28	15.00
		25	25	13.47	13.37	13.45	15.00
		50	0	13.55	13.27	13.34	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	13.64	13.41	13.42	15.00
		1	38	13.69	13.47	13.35	15.00
		1	74	13.60	13.38	13.32	15.00
		36	0	13.57	13.51	13.52	15.00
		36	18	13.67	13.50	13.43	15.00
		36	39	13.61	13.51	13.36	15.00
		75	0	13.63	13.37	13.40	15.00
	16QAM	1	0	13.69	13.46	13.29	15.00
		1	38	13.63	13.39	13.31	15.00
		1	74	13.52	13.44	13.51	15.00
		36	0	13.57	13.55	13.44	15.00
		36	18	13.55	13.50	13.34	15.00

		36	39	13.61	13.35	13.32	15.00	
		75	0	13.59	13.46	13.46	15.00	
	64QAM	1	0	13.61	13.48	13.44	15.00	
		1	38	13.59	13.54	13.37	15.00	
		1	74	13.68	13.37	13.36	15.00	
		36	0	13.64	13.42	13.22	15.00	
		36	18	13.56	13.32	13.30	15.00	
		36	39	13.51	13.44	13.45	15.00	
		75	0	13.55	13.30	13.30	15.00	
Bandwidth		Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz		QPSK	1	0	13.69	13.42	13.38	15.00
	1		50	13.68	13.73	13.59	15.00	
	1		99	13.61	13.35	13.31	15.00	
	50		0	13.66	13.65	13.51	15.00	
	50		25	13.63	13.54	13.46	15.00	
	50		50	13.62	13.52	13.44	15.00	
	100		0	13.66	13.41	13.33	15.00	
	16QAM	1	0	13.67	13.48	13.34	15.00	
		1	50	13.55	13.29	13.30	15.00	
		1	99	13.55	13.36	13.52	15.00	
		50	0	13.66	13.49	13.49	15.00	
		50	25	13.62	13.41	13.39	15.00	
		50	50	13.60	13.37	13.33	15.00	
		100	0	13.50	13.42	13.44	15.00	
	64QAM	1	0	13.63	13.52	13.41	15.00	
		1	50	13.58	13.56	13.35	15.00	
		1	99	13.58	13.41	13.34	15.00	
		50	0	13.64	13.45	13.27	15.00	
		50	25	13.60	13.30	13.29	15.00	
		50	50	13.53	13.45	13.49	15.00	
		100	0	13.58	13.35	13.34	15.00	

LTE Band 66 Body ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.78	15.68	15.45	17.00
		1	2	15.76	15.61	15.38	17.00
		1	5	15.91	15.82	15.54	17.00
		3	0	15.63	15.56	15.30	17.00
		3	2	15.56	15.44	15.19	17.00
		3	3	15.59	15.60	15.26	17.00
	16QAM	6	0	15.46	15.47	15.25	17.00
		1	0	15.69	15.58	15.33	17.00
		1	2	15.51	15.43	15.21	17.00
		1	5	15.65	15.46	15.32	17.00
		3	0	15.48	15.30	15.16	17.00
		3	2	15.63	15.51	15.31	17.00
	64QAM	3	3	15.50	15.46	15.24	17.00
		6	0	15.66	15.52	15.25	17.00
		1	0	15.47	15.40	15.24	17.00
		1	2	15.55	15.39	15.12	17.00
		1	5	15.53	15.39	15.23	17.00
		3	0	15.54	15.49	15.22	17.00
3MHz	QPSK	3	2	15.66	15.48	15.37	17.00
		3	3	15.48	15.32	15.15	17.00
		6	0	15.50	15.47	15.22	17.00
		1	0	15.85	15.65	15.47	17.00
		1	7	15.73	15.62	15.40	17.00
		1	14	15.86	15.80	15.57	17.00
	16QAM	8	0	15.60	15.53	15.28	17.00
		8	4	15.55	15.52	15.23	17.00
		8	7	15.62	15.52	15.32	17.00
		15	0	15.50	15.46	15.25	17.00
		1	0	15.69	15.58	15.35	17.00
		1	7	15.58	15.43	15.19	17.00
	64QAM	1	14	15.64	15.45	15.34	17.00
		8	0	15.45	15.34	15.13	17.00
		8	4	15.66	15.47	15.31	17.00
		8	7	15.50	15.39	15.25	17.00
		15	0	15.58	15.52	15.32	17.00
		1	0	15.54	15.45	15.23	17.00
5MHz	QPSK	1	7	15.51	15.38	15.11	17.00
		1	14	15.50	15.47	15.22	17.00
		8	0	15.52	15.42	15.17	17.00
		8	4	15.61	15.51	15.33	17.00
		8	7	15.45	15.37	15.11	17.00
		15	0	15.59	15.57	15.31	17.00
	QPSK	1	0	15.79	15.66	15.46	17.00
		1	13	15.68	15.66	15.37	17.00
	QPSK	1	24	15.87	15.77	15.53	17.00
		12	0	15.65	15.52	15.29	17.00

	16QAM	12	6	15.50	15.46	15.25	17.00
		12	13	15.63	15.58	15.28	17.00
		25	0	15.58	15.41	15.22	17.00
		1	0	15.68	15.63	15.35	17.00
		1	13	15.49	15.44	15.20	17.00
		1	24	15.58	15.53	15.37	17.00
		12	0	15.47	15.30	15.14	17.00
		12	6	15.63	15.55	15.37	17.00
		12	13	15.55	15.47	15.21	17.00
	25	0	15.64	15.50	15.26	17.00	
	64QAM	1	0	15.49	15.43	15.21	17.00
		1	13	15.46	15.42	15.13	17.00
		1	24	15.55	15.45	15.23	17.00
		12	0	15.63	15.51	15.33	17.00
		12	6	15.52	15.44	15.17	17.00
12		13	15.61	15.54	15.30	17.00	
25	0	15.49	15.46	15.22	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	15.74	15.62	15.42	17.00
		1	25	15.76	15.60	15.43	17.00
		1	49	15.87	15.78	15.50	17.00
		25	0	15.64	15.49	15.31	17.00
		25	13	15.56	15.45	15.20	17.00
		25	25	15.62	15.54	15.32	17.00
		50	0	15.49	15.45	15.18	17.00
	16QAM	1	0	15.72	15.59	15.38	17.00
		1	25	15.56	15.46	15.25	17.00
		1	49	15.62	15.50	15.29	17.00
		25	0	15.49	15.34	15.15	17.00
		25	13	15.67	15.52	15.35	17.00
		25	25	15.49	15.50	15.24	17.00
		50	0	15.64	15.50	15.28	17.00
	64QAM	1	0	15.52	15.40	15.21	17.00
		1	25	15.48	15.44	15.09	17.00
		1	49	15.50	15.40	15.24	17.00
		25	0	15.60	15.54	15.28	17.00
		25	13	15.51	15.48	15.23	17.00
		25	25	15.55	15.48	15.23	17.00
		50	0	15.47	15.40	15.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	15.78	15.62	15.42	17.00
		1	38	15.68	15.64	15.34	17.00
		1	74	15.83	15.77	15.50	17.00
		36	0	15.64	15.46	15.25	17.00
		36	18	15.53	15.48	15.25	17.00
		36	39	15.58	15.55	15.30	17.00
		75	0	15.52	15.45	15.20	17.00
	16QAM	1	0	15.75	15.63	15.36	17.00
		1	38	15.58	15.45	15.23	17.00
		1	74	15.61	15.54	15.35	17.00
		36	0	15.46	15.37	15.18	17.00
36	18	15.60	15.53	15.31	17.00		



	64QAM	36	39	15.51	15.43	15.22	17.00
		75	0	15.63	15.51	15.32	17.00
		1	0	15.54	15.44	15.22	17.00
		1	38	15.47	15.40	15.14	17.00
		1	74	15.53	15.41	15.27	17.00
		36	0	15.62	15.48	15.25	17.00
		36	18	15.70	15.56	15.37	17.00
		36	39	15.60	15.55	15.29	17.00
		75	0	15.69	15.60	15.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	15.87	15.73	15.56	17.00
		1	50	15.77	15.66	15.45	17.00
		1	99	15.63	15.84	15.95	17.00
		50	0	15.67	15.61	15.41	17.00
		50	25	15.60	15.55	15.27	17.00
		50	50	15.72	15.64	15.36	17.00
		100	0	15.60	15.55	15.29	17.00
	16QAM	1	0	15.79	15.63	15.45	17.00
		1	50	15.58	15.53	15.25	17.00
		1	99	15.72	15.58	15.41	17.00
		50	0	15.54	15.43	15.22	17.00
		50	25	15.70	15.60	15.41	17.00
		50	50	15.57	15.52	15.28	17.00
		100	0	15.70	15.63	15.36	17.00
	64QAM	1	0	15.61	15.55	15.26	17.00
		1	50	15.57	15.48	15.19	17.00
		1	99	15.60	15.53	15.27	17.00
		50	0	15.62	15.53	15.34	17.00
		50	25	15.44	15.37	15.18	17.00
		50	50	15.56	15.44	15.27	17.00
		100	0	15.45	15.41	15.09	17.00

Table 8 : Conducted Power of LTE

## 5 Conducted Power of NR Antenna

Ant1:

n2 Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.01	22.99	22.88	23.50
		1	53	22.94	23.00	22.96	23.50
		1	104	22.94	22.97	22.92	23.50
		50	0	21.89	22.02	21.89	22.50
		50	28	22.89	23.00	21.86	23.50
		50	56	21.85	21.97	21.84	22.50
	DFT-s-OFDM QPSK	100	0	21.69	21.99	21.89	22.50
		1	1	23.06	23.36	22.96	23.50
		1	53	22.95	22.98	22.90	23.50
		1	104	22.98	22.99	22.93	23.50
		50	0	21.96	22.06	21.97	22.50
		50	28	23.25	23.35	23.30	23.50
	DFT-s-OFDM 16QAM	50	56	21.99	21.91	21.91	22.50
		100	0	21.98	22.04	21.93	22.50
1		1	22.19	21.63	22.02	22.50	
1		1	20.84	20.68	20.76	21.00	
DFT-s-OFDM 256QAM	1	1	18.10	18.19	18.04	19.00	
	1	1	18.10	18.19	18.04	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	372000	376000	380000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376000	380500	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376000	381500	23.50



n2 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.41	17.39	17.30	18.00
		1	53	17.34	17.43	17.37	18.00
		1	104	17.37	17.38	17.37	18.00
		50	0	16.30	16.44	16.34	17.00
		50	28	17.29	17.43	16.28	18.00
		50	56	16.27	16.39	16.26	17.00
		100	0	16.12	16.39	16.34	17.00
	DFT-s-OFDM QPSK	1	1	17.46	17.58	17.41	18.00
		1	53	17.38	17.39	17.33	18.00
		1	104	17.43	17.41	17.37	18.00
		50	0	16.41	16.46	16.38	17.00
		50	28	17.36	17.44	17.38	18.00
		50	56	16.44	16.31	16.31	17.00
		100	0	16.43	16.47	16.37	17.00
	DFT-s-OFDM 16QAM	1	1	16.59	16.08	16.43	17.00
	DFT-s-OFDM 64QAM	1	1	15.28	15.11	15.21	15.50
	DFT-s-OFDM 256QAM	1	1	12.55	12.59	12.46	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	372000	376000	380000	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376000	380500	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376000	381500	18.00



n25 Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	378000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.95	22.97	22.96	23.50
		1	53	22.98	22.96	22.91	23.50
		1	104	22.94	22.96	22.87	23.50
		50	0	22.03	22.10	22.02	22.50
		50	28	23.06	23.01	22.97	23.50
		50	56	22.00	22.05	21.94	22.50
		100	0	22.04	22.07	21.99	22.50
	DFT-s-OFDM QPSK	1	1	23.08	23.20	22.99	23.50
		1	53	23.00	23.05	22.98	23.50
		1	104	23.09	23.02	21.89	23.50
		50	0	22.02	22.01	21.99	22.50
		50	28	23.00	23.02	22.97	23.50
		50	56	21.98	22.06	21.97	22.50
	DFT-s-OFDM 16QAM	1	1	21.96	21.98	21.83	22.50
DFT-s-OFDM 64QAM	1	1	20.96	21.00	20.90	21.00	
DFT-s-OFDM 256QAM	1	1	18.02	18.10	18.29	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	374000	376500	378000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	373000	376500	379000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	372500	376500	379500	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	372000	376500	380000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376500	380500	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376500	381000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376500	381500	23.50



n25 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	378000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.40	17.41	17.41	18.00
		1	53	17.38	17.38	17.35	18.00
		1	104	17.38	17.38	17.32	18.00
		50	0	16.43	16.54	16.45	17.00
		50	28	17.48	17.46	17.39	18.00
		50	56	16.44	16.45	16.36	17.00
		100	0	16.49	16.48	16.44	17.00
	DFT-s-OFDM QPSK	1	1	17.51	17.64	17.40	18.00
		1	53	17.42	17.47	17.41	18.00
		1	104	17.51	17.44	16.31	18.00
		50	0	16.45	16.42	16.42	17.00
		50	28	17.42	17.46	17.37	18.00
		50	56	16.42	16.47	16.39	17.00
	DFT-s-OFDM 16QAM	1	1	16.41	16.41	16.26	17.00
DFT-s-OFDM 64QAM	1	1	15.39	15.42	15.32	15.50	
DFT-s-OFDM 256QAM	1	1	12.43	12.55	12.74	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	374000	376500	378000	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	373000	376500	379000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	372500	376500	379500	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	372000	376500	380000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376500	380500	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376500	381000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376500	381500	18.00



n66 Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.16	23.17	23.20	23.50
		1	53	23.13	23.14	23.10	23.50
		1	104	23.25	23.26	23.05	23.50
		50	0	22.18	22.17	22.15	22.50
		50	28	23.18	23.19	23.05	23.50
		50	56	22.25	22.23	22.21	22.50
		100	0	22.23	22.23	22.15	22.50
	DFT-s-OFDM QPSK	1	1	23.18	23.22	23.41	23.50
		1	53	23.14	23.20	23.25	23.50
		1	104	23.15	23.27	23.40	23.50
		50	0	22.17	22.23	22.19	22.50
		50	28	22.26	23.19	23.23	23.50
		50	56	22.21	22.15	22.27	22.50
	DFT-s-OFDM 16QAM	1	1	22.14	22.09	22.43	22.50
DFT-s-OFDM 64QAM	1	1	21.00	21.00	20.93	21.00	
DFT-s-OFDM 256QAM	1	1	18.33	18.38	18.05	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	344000	349000	354000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	342500	349000	355500	23.50



n66 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.59	18.62	18.61	19.00
		1	53	18.55	18.59	18.54	19.00
		1	104	18.69	18.68	18.46	19.00
		50	0	17.59	17.60	17.55	18.00
		50	28	18.61	18.60	18.47	19.00
		50	56	17.70	17.68	17.64	18.00
		100	0	17.63	17.63	17.56	18.00
	DFT-s-OFDM QPSK	1	1	18.63	18.63	18.86	19.00
		1	53	18.59	18.64	18.68	19.00
		1	104	18.60	18.67	18.81	19.00
		50	0	17.58	17.63	17.59	18.00
		50	28	17.71	18.62	18.67	19.00
		50	56	17.62	17.58	17.69	18.00
	DFT-s-OFDM 16QAM	1	1	17.56	17.54	17.85	18.00
DFT-s-OFDM 64QAM	1	1	16.42	16.44	16.38	16.50	
DFT-s-OFDM 256QAM	1	1	13.77	13.81	13.50	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	17.11	16.58	16.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.52	18.63	18.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	18.46	18.53	18.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.66	18.64	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.68	18.63	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.76	18.65	18.71	19.00

**Ant3:**

n41				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 PI/2 BPSK	1	1	22.10	22.09	22.12	22.10	22.09	23.50
		1	137	22.30	22.30	22.35	22.40	22.35	23.50
		1	271	22.80	22.79	22.84	22.80	22.80	23.50
		135	0	21.20	21.15	21.15	21.10	21.10	22.50
		135	69	22.30	22.34	22.39	22.40	22.39	23.50
		135	138	21.60	21.59	21.60	21.60	21.60	22.50
	DFT-s-OFDM QPSK	270	0	21.30	21.32	21.35	21.30	21.33	22.50
		1	1	22.10	22.10	22.12	22.10	22.11	23.50
		1	137	22.30	22.34	22.37	22.30	22.32	23.50
		1	271	22.90	22.94	22.97	22.90	22.93	23.50
		135	0	21.10	21.13	21.17	21.20	21.16	22.50
		135	69	22.40	22.37	22.38	22.40	22.36	23.50
	DFT-s-OFDM 16QAM	135	138	21.70	21.65	21.65	21.60	21.62	22.50
		270	0	21.40	21.35	21.40	21.40	21.39	22.50
DFT-s-OFDM 64QAM	1	271	21.60	21.56	21.56	21.50	21.54	22.50	
DFT-s-OFDM 256QAM	1	271	20.00	19.98	20.01	20.00	20.00	21.00	
1	271	18.00	18.00	18.01	18.00	18.01	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	271	509202	513900	518598	523302	528000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	271	508200	513402	518598	523800	528996	22.00
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	23.50
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	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	271	504202	511400	518598	525798	532998	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	271	503202	510900	518598	526299	534000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	271	501204	509901	518598	527298	535998	23.50





n41 Duty Cycle 25%				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 PI/2 BPSK	1	1	16.03	16.03	16.06	16.02	16.04	17.50
		1	137	16.20	16.21	16.30	16.35	16.28	17.50
		1	271	16.74	16.71	16.75	16.75	16.72	17.50
		135	0	15.12	15.07	15.05	15.00	15.04	16.50
		135	69	16.25	16.24	16.29	16.35	16.30	17.50
		135	138	15.50	15.53	15.53	15.54	15.51	16.50
	DFT-s-OFDM QPSK	270	0	15.22	15.24	15.30	15.22	15.25	16.50
		1	1	16.03	16.05	16.02	16.03	16.04	17.50
		1	137	16.20	16.25	16.31	16.20	16.23	17.50
		1	271	16.82	16.87	16.92	16.85	16.85	17.50
		135	0	15.00	15.04	15.10	15.13	15.10	16.50
		135	69	16.30	16.31	16.31	16.31	16.27	17.50
	DFT-s-OFDM 16QAM	135	138	15.61	15.57	15.60	15.50	15.52	16.50
		270	0	15.31	15.27	15.35	15.34	15.30	16.50
DFT-s-OFDM 64QAM	1	271	15.54	15.51	15.49	15.44	15.45	16.50	
DFT-s-OFDM 256QAM	1	271	13.94	13.88	13.94	13.93	13.90	15.00	
1	271	11.95	11.90	11.92	11.91	11.94	13.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	271	509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	271	15.35	15.26	15.25	15.21	15.21	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	271	508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	271	16.73	16.73	16.76	16.73	16.71	17.50
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	
80MHz	DFT-s-OFDM QPSK	1	271	16.64	16.59	16.65	16.64	16.56	17.50
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	
60MHz	DFT-s-OFDM QPSK	1	271	16.51	16.52	16.55	16.50	16.56	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	271	504202	511400	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	271	16.62	16.59	16.64	16.64	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	271	503202	510900	518598	526299	534000	
40MHz	DFT-s-OFDM QPSK	1	271	16.74	16.74	16.76	16.82	16.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	271	501204	509901	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	271	16.54	16.55	16.56	16.54	16.55	17.50

**Ant4:**

n41				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 PI/2 BPSK	1	1	21.98	22.11	22.20	22.02	22.10	23.50
		1	137	22.00	22.19	22.25	22.68	22.74	23.50
		1	271	22.30	22.77	22.85	23.13	23.21	23.50
		135	0	22.05	21.95	22.05	22.29	22.35	22.50
		135	69	22.10	22.18	22.25	22.66	22.74	23.50
		135	138	22.06	22.36	22.45	22.30	22.40	22.50
		270	0	22.17	22.15	22.25	22.25	22.35	22.50
	DFT-s-OFDM QPSK	1	1	22.00	22.36	22.45	22.15	22.25	23.50
		1	137	22.02	22.22	22.29	22.75	22.85	23.50
		1	271	22.40	22.86	22.91	23.30	23.35	23.50
		135	0	22.07	22.01	22.10	22.36	22.45	22.50
		135	69	22.08	22.15	22.25	22.78	22.85	23.50
		135	138	22.05	22.40	22.45	22.45	22.50	22.50
	DFT-s-OFDM 16QAM	1	271	21.21	21.73	21.79	22.22	22.32	22.50
DFT-s-OFDM 64QAM	1	271	20.12	20.57	20.65	20.71	20.78	21.00	
DFT-s-OFDM 256QAM	1	271	18.25	18.48	18.56	18.70	18.75	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	271	21.45	21.62	21.72	21.81	21.89	22.00
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	22.23	22.57	22.65	23.05	23.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	271	22.23	22.77	22.85	22.96	23.06	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	271	22.19	22.66	22.74	23.04	23.11	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 504202	Channel 511400	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	271	22.31	22.83	22.90	23.09	23.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526299	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	271	22.34	22.79	22.84	23.01	23.11	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509901	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	271	22.25	22.68	22.76	23.09	23.18	23.50

**Ant5:**

n77				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz						Tune up
				Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.84	22.83	22.85	22.88	22.82	23.00	23.50
		1	137	22.87	22.95	22.98	22.96	23.02	23.23	23.50
		1	271	21.82	22.87	23.02	23.07	23.12	23.10	23.50
		135	0	21.86	21.79	21.85	21.87	21.89	21.96	22.50
		135	69	22.86	22.85	22.94	22.89	22.91	23.05	23.50
		135	138	21.79	21.83	21.83	21.97	21.93	21.97	22.50
		270	0	21.81	21.77	21.84	21.86	21.92	22.02	22.50
	DFT-s-OFDM QPSK	1	1	23.20	22.85	22.87	23.15	22.89	22.95	23.50
		1	137	22.86	22.94	23.04	23.01	23.12	23.14	23.50
		1	271	22.89	23.01	23.11	23.11	23.12	22.96	23.50
		135	0	22.31	22.38	22.38	22.32	22.44	22.46	22.50
		135	69	23.02	22.89	22.85	22.87	22.96	23.01	23.50
		135	138	22.36	22.36	22.37	22.38	22.47	22.49	22.50
		270	0	22.35	22.30	22.36	22.43	22.46	22.46	22.50
	DFT-s-OFDM 16QAM	1	1	21.87	21.71	21.69	21.77	21.76	21.86	22.50
	DFT-s-OFDM 64QAM	1	1	20.53	20.50	20.53	20.62	20.53	20.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.97	18.92	18.76	18.82	18.88	18.98	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.80	21.89	21.75	21.79	21.81	21.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.85	22.93	22.84	22.83	22.92	22.96	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.86	22.85	22.82	22.83	22.85	23.02	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 651800	Channel 654600	Channel 657402	Channel 660200	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	22.72	22.79	22.69	22.74	22.81	22.95	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.96	23.07	22.95	23.02	23.12	23.08	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.03	23.02	22.91	23.00	23.08	23.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.15	23.02	23.10	22.98	23.01	23.01	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.97	22.87	23.05	22.87	22.94	22.97	23.50



n77 Duty Cycle 25%				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.77	16.76	16.78	16.80	16.75	16.92	17.50
		1	137	16.78	16.85	16.91	16.89	16.95	17.18	17.50
		1	271	15.72	16.82	16.97	17.02	17.02	17.03	17.50
		135	0	15.81	15.69	15.78	15.80	15.81	15.88	16.50
		135	69	16.77	16.75	16.85	16.80	16.82	17.00	17.50
		135	138	15.69	15.75	15.76	15.89	15.88	15.91	16.50
		270	0	15.74	15.71	15.75	15.76	15.82	15.93	16.50
	DFT-s-OFDM QPSK	1	1	17.10	16.75	16.78	17.09	16.81	16.86	17.50
		1	137	16.80	16.85	16.97	16.91	17.02	17.04	17.50
		1	271	16.84	16.94	17.02	17.03	17.02	16.89	17.50
		135	0	16.21	16.32	16.33	16.25	16.37	16.36	16.50
		135	69	16.92	16.83	16.80	16.79	16.91	16.91	17.50
		135	138	16.26	16.31	16.29	16.29	16.38	16.39	16.50
	DFT-s-OFDM 16QAM	1	1	15.79	15.61	15.60	15.67	15.71	15.79	16.50
		1	1	14.48	14.45	14.44	14.53	14.44	14.59	15.00
		1	1	12.87	12.86	12.70	12.74	12.81	12.91	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	15.75	15.83	15.69	15.74	15.71	15.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.75	16.83	16.78	16.73	16.87	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.77	16.79	16.75	16.75	16.79	16.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 651800	Channel 654600	Channel 657402	Channel 660200	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.65	16.74	16.72	16.71	16.65	16.82	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.89	17.01	16.90	16.94	17.02	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.98	16.95	16.82	16.95	17.01	16.95	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.09	16.92	17.02	16.88	16.95	16.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.03	16.78	16.98	16.83	16.89	16.92	17.50



**Ant6:**

n5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.34	23.33	23.17	24.00
		1	53	23.16	23.18	23.16	24.00
		1	104	23.09	23.04	22.96	24.00
		50	0	22.17	22.26	22.10	23.00
		50	28	23.23	23.18	23.15	24.00
		50	56	22.15	22.13	22.04	23.00
		100	0	22.29	22.21	22.16	23.00
	DFT-s-OFDM QPSK	1	1	23.24	23.28	23.11	24.00
		1	53	23.13	23.16	23.15	24.00
		1	104	23.07	22.98	22.98	24.00
		50	0	22.63	22.71	22.73	23.00
		50	28	23.16	23.16	23.14	24.00
		50	56	22.67	22.64	22.53	23.00
		100	0	22.72	22.64	22.65	23.00
	DFT-s-OFDM 16QAM	1	1	22.96	23.00	22.88	23.00
DFT-s-OFDM 64QAM	1	1	21.09	21.13	21.03	21.50	
DFT-s-OFDM 256QAM	1	1	19.33	19.40	19.34	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	166300	167300	168300	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	24.00

n71				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.48	23.24	23.34	24.00
		1	53	23.26	23.30	23.28	24.00
		1	104	23.23	23.18	23.09	24.00
		50	0	22.34	22.30	22.18	23.00
		50	28	23.29	23.26	23.15	24.00
		50	56	22.33	22.16	22.10	23.00
		100	0	22.32	22.29	22.13	23.00
	DFT-s-OFDM QPSK	1	1	23.47	23.25	23.32	24.00
		1	53	23.25	23.29	23.24	24.00
		1	104	23.27	23.22	23.07	24.00
		50	0	22.79	22.73	22.66	23.00
		50	28	23.29	23.23	23.09	24.00
		50	56	22.70	22.62	22.63	23.00
	DFT-s-OFDM 16QAM	1	1	22.59	22.22	22.48	23.00
DFT-s-OFDM 64QAM	1	1	21.26	20.78	21.09	21.50	
DFT-s-OFDM 256QAM	1	1	19.33	19.13	19.26	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	134600	136100	137600	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	134100	136100	138100	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	133600	136100	138600	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	133100	136100	139100	24.00

Table 9 : Conducted Power of NR Antenna

## 6 Conducted Power of Uplink CA

Combination	Modulation	PCC						SCC					Receiver off		Receiver on	
		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_5B	QPSK	5	10	20450	1	49	2450	5	10	20549	1	0	23.20	24.00	21.30	22.50
CA_5B	QPSK	5	10	20525	1	49	2575	5	10	20624	1	0	23.21	24.00	21.31	22.50
CA_5B	QPSK	5	10	20525	1	0	2575	5	10	20426	1	49	23.22	24.00	21.39	22.50
CA_5B	QPSK	5	10	20600	1	0	2600	5	10	20501	1	49	23.19	24.00	21.28	22.50

Combination	Modulation	PCC						SCC					Receiver off & Sensor off		Receiver on		Sensor on	
		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_66B	QPSK	66	15	132047	1	74	66511	66	5	132140	1	0	22.65	24.00	15.89	17.50	20.57	22.00
CA_66B	QPSK	66	15	132322	1	74	66786	66	5	132415	1	0	22.80	24.00	15.88	17.50	20.60	22.00
CA_66B	QPSK	66	15	132322	1	0	66786	66	5	132229	1	24	22.81	24.00	15.75	17.50	20.57	22.00
CA_66B	QPSK	66	15	132597	1	0	67061	66	5	132504	1	24	22.75	24.00	15.90	17.50	20.55	22.00

Combination	Modulation	PCC						SCC					Receiver off & Sensor off		Receiver on		Sensor on	
		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_66C	QPSK	66	20	132072	1	99	66536	66	20	132270	1	0	22.99	24.00	16.00	17.50	20.50	22.00
CA_66C	QPSK	66	20	132322	1	99	66786	66	20	132520	1	0	22.98	24.00	16.05	17.50	20.66	22.00
CA_66C	QPSK	66	20	132322	1	0	66786	66	20	132124	1	99	23.04	24.00	16.04	17.50	20.64	22.00
CA_66C	QPSK	66	20	132572	1	0	67036	66	20	132374	1	99	23.05	24.00	16.01	17.50	20.55	22.00

Combination	PCC						SCC						Power(dBm)	
	LTE Band	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	Total	Total
CA_2A-12A	Band 2	20M	QPSK	19100	1	0	Band 12	10M	QPSK	23130	1	0	23.32	24.00
CA_2A-12A	Band 12	10M	QPSK	23130	1	0	Band 2	20M	QPSK	19100	1	0	23.26	24.00
CA_2A-13A	Band 2	20M	QPSK	19100	1	0	Band 13	10M	QPSK	23230	1	0	23.17	24.00
CA_2A-13A	Band 13	10M	QPSK	23230	1	0	Band 2	20M	QPSK	19100	1	0	23.06	24.00
CA_2A-4A	Band 2	20M	QPSK	18700	1	0	Band 4	20M	QPSK	20050	1	0	23.09	24.00
CA_2A-4A	Band 4	20M	QPSK	20050	1	0	Band 2	20M	QPSK	18700	1	0	23.01	24.00
CA_2A-5A	Band 2	20M	QPSK	19100	1	0	Band 5	10M	QPSK	20600	1	0	22.88	24.00
CA_2A-5A	Band 5	10M	QPSK	20600	1	0	Band 2	20M	QPSK	19100	1	0	22.86	24.00
CA_2A-66A	Band 2	20M	QPSK	18700	1	0	Band 66	20M	QPSK	132072	1	0	23.09	24.00
CA_2A-66A	Band 66	20M	QPSK	132072	1	0	Band 2	20M	QPSK	18700	1	0	23.02	24.00
CA_4A-12A	Band 4	20M	QPSK	20300	1	0	Band 12	10M	QPSK	23130	1	0	23.07	24.00
CA_4A-12A	Band 12	10M	QPSK	23130	1	0	Band 4	20M	QPSK	20300	1	0	22.99	24.00
CA_4A-13A	Band 4	20M	QPSK	20300	1	0	Band 13	10M	QPSK	23230	1	0	22.98	24.00
CA_4A-13A	Band 13	10M	QPSK	23230	1	0	Band 4	20M	QPSK	20300	1	0	22.95	24.00
CA_4A-5A	Band 4	20M	QPSK	20300	1	0	Band 5	10M	QPSK	20600	1	0	22.96	24.00
CA_4A-5A	Band 5	10M	QPSK	20600	1	0	Band 4	20M	QPSK	20300	1	0	22.89	24.00
CA_5A-66A	Band 5	10M	QPSK	20600	1	0	Band 66	20M	QPSK	132072	1	0	22.97	24.00
CA_5A-66A	Band 66	20M	QPSK	132072	1	0	Band 5	10M	QPSK	20600	1	0	23.01	24.00
CA_12A-66A	Band 12	10M	QPSK	23130	1	0	Band 66	20M	QPSK	132072	1	0	23.07	24.00
CA_12A-66A	Band 66	20M	QPSK	132072	1	0	Band 12	10M	QPSK	23130	1	0	23.11	24.00
CA_13A-66A	Band 13	10M	QPSK	23230	1	0	Band 66	20M	QPSK	132072	1	0	23.14	24.00
CA_13A-66A	Band 66	20M	QPSK	132072	1	0	Band 13	10M	QPSK	23230	1	0	23.22	24.00

Table 10 : Conducted Power of Uplink CA

## 7 Conducted Power of Wi-Fi and BT

chain1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.35	19.50
	6	2437		<b>18.86</b>	19.50
	11	2462		18.36	19.50
802.11g	1	2412	6	16.37	17.50
	6	2437		17.17	17.50
	11	2462		16.52	17.50
802.11n HT20	1	2412	6.5	15.68	17.00
	6	2437		16.31	17.00
	11	2462		15.70	17.00
802.11n HT40	3	2412	13.5	15.73	16.50
	6	2437		15.39	16.50
	9	2462		15.82	16.50

chain2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.84	19.50
	6	2437		<b>18.19</b>	19.50
	11	2462		17.93	19.50
802.11g	1	2412	6	16.16	17.50
	6	2437		16.13	17.50
	11	2462		15.87	17.50
802.11n HT20	1	2412	6.5	15.45	17.00
	6	2437		15.42	17.00
	11	2462		15.24	17.00
802.11n HT40	3	2412	13.5	14.98	16.50
	6	2437		14.86	16.50
	9	2462		15.00	16.50

Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain1	chain2	MIMO	Tune up
				Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11b	1	2412	1	15.80	15.59	18.71	19.50
	6	2437		16.23	15.46	<b>18.87</b>	19.50
	11	2462		15.79	15.49	18.65	19.50
802.11g	1	2412	6	13.36	13.00	16.19	17.50
	6	2437		13.88	12.74	16.36	17.50
	11	2462		13.37	12.85	16.13	17.50
802.11n HT20	1	2412	6.5	13.29	12.80	16.06	17.00
	6	2437		13.68	12.69	16.22	17.00
	11	2462		13.19	12.70	15.96	17.00
802.11n HT40	3	2412	13.5	12.98	12.10	15.57	16.50
	6	2437		12.53	11.86	15.22	16.50
	9	2462		12.71	11.82	15.30	16.50

Table 11 : Conducted Power of Wi-Fi 2.4G





chain1 Receiver off & Sensor off & hotspot off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	
802.11a	U-NII-1	36	5180	6	19.50	18.36	
		40	5200		19.50	18.35	
		44	5220		19.50	18.37	
		48	5240		19.50	18.42	
	U-NII-2A	52	5260		19.50	18.03	
		56	5280		19.50	18.21	
		60	5300		19.50	18.33	
		64	5320		19.50	<b>18.83</b>	
	U-NII-2C	100	5500		19.50	18.46	
		104	5520		19.50	18.51	
		108	5540		19.50	18.44	
		112	5560		19.50	18.39	
		116	5580		19.50	18.37	
		120	5600		19.50	18.10	
		124	5620		19.50	18.07	
		128	5640		19.50	18.11	
		132	5660		19.50	18.03	
		136	5680		19.50	18.17	
	U-NII-3	140	5700		19.50	<b>19.34</b>	
		144	5720		19.50	19.33	
149		5745	19.50	<b>19.47</b>			
153		5765	19.50	19.45			
157		5785	19.50	19.43			
		161	5805	19.50	19.27		
		165	5825	19.50	19.30		
	802.11n-HT20	U-NII-1	36	5180	MCS0	19.50	18.20
			40	5200		19.50	18.31
			44	5220		19.50	18.11
			48	5240		19.50	18.09
		U-NII-2A	52	5260		19.50	17.84
			56	5280		19.50	17.88
60			5300	19.50		17.72	
64			5320	19.50		18.60	
U-NII-2C		100	5500	19.50		18.36	
		104	5520	19.50		18.27	
		108	5540	19.50		18.31	
		112	5560	19.50		18.27	
		116	5580	19.50		18.32	
		120	5600	19.50		17.96	
		124	5620	19.50		17.98	
		128	5640	19.50		17.87	
		132	5660	19.50		17.82	
		136	5680	19.50		17.79	
U-NII-3		140	5700	19.50		19.10	
		144	5720	19.50		19.12	
	149	5745	19.50	19.46			
	153	5765	19.50	19.38			
	157	5785	19.50	19.42			
		161	5805	19.50	19.38		
		165	5825	19.50	19.16		
	5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)



802.11n-HT40	U-NII-1	38	5190	MCS0	18.50	17.51
		46	5230		18.50	17.49
	U-NII-2A	54	5270		18.50	17.13
		62	5310		18.50	17.71
	U-NII-2C	102	5510		18.50	17.58
		110	5550		18.50	17.55
		118	5590		18.50	17.26
		126	5630		18.50	17.34
		134	5670		18.50	18.20
		142	5710		18.50	18.49
	U-NII-3	151	5755		18.50	18.48
		159	5795		18.50	18.47
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 20M	U-NII-1	36	5180	MCS0	19.50	17.65
		40	5200		19.50	17.63
		44	5220		19.50	17.62
		48	5240		19.50	17.54
	U-NII-2A	52	5260		19.50	17.35
		56	5280		19.50	17.32
		60	5300		19.50	17.36
		64	5320		19.50	17.65
	U-NII-2C	100	5500		19.50	17.39
		104	5520		19.50	17.41
		108	5540		19.50	17.45
		112	5560		19.50	17.38
		116	5580		19.50	17.46
		120	5600		19.50	17.15
		124	5620		19.50	17.14
		128	5640		19.50	17.21
		132	5660		19.50	17.24
		136	5680		19.50	17.17
	U-NII-3	140	5700		19.50	17.57
		144	5720		19.50	17.52
149		5745	19.50	18.86		
153		5765	19.50	18.72		
157		5785	19.50	18.62		
161		5805	19.50	18.6		
		165	5825	19.50	18.38	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 40M	U-NII-1	38	5190	MCS0	18.50	17.68
		46	5230		18.50	17.70
	U-NII-2A	54	5270		18.50	17.28
		62	5310		18.50	17.78
	U-NII-2C	102	5510		18.50	17.64
		110	5550		18.50	17.69
		118	5590		18.50	17.64
		126	5630		18.50	17.63
		134	5670		18.50	18.24
		142	5710		18.50	18.22
	U-NII-3	151	5755		18.50	18.28
		159	5795		18.50	18.51
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	17.50	16.10
	U-NII-2A	58	5290		17.50	15.88



	U-NII-2C	106	5530		17.50	16.09
		122	5610		17.50	15.88
		138	5690		17.50	16.88
	U-NII-3	155	5775		17.50	16.98

chain1 Receiver on & Sensor on & hotspot on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11a	U-NII-1	36	5180	6	14.50	13.28
		40	5200		14.50	13.28
		44	5220		14.50	13.30
		48	5240		14.50	<b>13.37</b>
	U-NII-2A	52	5260		14.50	12.97
		56	5280		14.50	13.16
		60	5300		14.50	13.27
		64	5320		14.50	<b>13.76</b>
	U-NII-2C	100	5500		14.50	13.36
		104	5520		14.50	13.42
		108	5540		14.50	13.37
		112	5560		14.50	13.33
		116	5580		14.50	13.32
		120	5600		14.50	13.00
		124	5620		14.50	12.99
		128	5640		14.50	13.03
		132	5660		14.50	12.96
		136	5680		14.50	13.12
	U-NII-3	140	5700		14.50	<b>14.30</b>
		144	5720		14.50	14.28
149		5745	14.50	<b>14.41</b>		
153		5765	14.50	14.40		
157		5785	14.50	14.33		
161		5805	14.50	14.20		
		165	5825	14.50	14.25	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	14.50	13.11
		40	5200		14.50	13.25
		44	5220		14.50	13.03
		48	5240		14.50	13.00
	U-NII-2A	52	5260		14.50	12.74
		56	5280		14.50	12.82
		60	5300		14.50	12.63
		64	5320		14.50	13.53
	U-NII-2C	100	5500		14.50	13.28
		104	5520		14.50	13.17
		108	5540		14.50	13.26
		112	5560		14.50	13.22
		116	5580		14.50	13.26
		120	5600		14.50	12.90
		124	5620		14.50	12.91
		128	5640		14.50	12.77
		132	5660		14.50	12.76
		136	5680		14.50	12.69
	U-NII-3	140	5700		14.50	14.04
		144	5720		14.50	14.03
149		5745	14.50	14.40		



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)		
802.11n-HT40	U-NII-1	153	5765	MCS0	14.50	14.33		
		157	5785		14.50	14.33		
	U-NII-2A	161	5805		14.50	14.33		
		165	5825		14.50	14.08		
	U-NII-2C	38	5190		13.50	12.45		
		46	5230		13.50	12.44		
		54	5270		13.50	12.04		
		62	5310		13.50	12.66		
		102	5510		13.50	12.53		
		110	5550		13.50	12.46		
	U-NII-3	118	5590		13.50	12.18		
		126	5630		13.50	12.29		
134		5670	13.50	13.12				
142		5710	13.50	13.44				
U-NII-3	151	5755	13.50	13.40				
	159	5795	13.50	13.38				
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)		
802.11ac 20M	U-NII-1	36	5180	MCS0	14.50	12.59		
		40	5200		14.50	12.53		
		44	5220		14.50	12.57		
		48	5240		14.50	12.49		
	U-NII-2A	52	5260		14.50	12.28		
		56	5280		14.50	12.27		
		60	5300		14.50	12.28		
		64	5320		14.50	12.58		
	U-NII-2C	100	5500		14.50	12.29		
		104	5520		14.50	12.36		
		108	5540		14.50	12.36		
		112	5560		14.50	12.32		
		116	5580		14.50	12.37		
		120	5600		14.50	12.10		
		124	5620		14.50	12.08		
		128	5640		14.50	12.14		
		132	5660		14.50	12.19		
		136	5680		14.50	12.12		
	U-NII-3	140	5700		14.50	12.47		
		144	5720		14.50	12.44		
		149	5745		14.50	13.76		
		153	5765		14.50	13.66		
		157	5785		14.50	13.55		
		161	5805		14.50	13.51		
		165	5825		14.50	13.33		
		165	5825		14.50	13.33		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
	802.11ac 40M	U-NII-1	38		5190	MCS0	13.50	12.63
46			5230	13.50	12.61			
U-NII-2A		54	5270	13.50	12.20			
		62	5310	13.50	12.68			
U-NII-2C		102	5510	13.50	12.55			
		110	5550	13.50	12.62			
		118	5590	13.50	12.56			
		126	5630	13.50	12.54			
		134	5670	13.50	13.18			
		142	5710	13.50	13.17			



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 80M	U-NII-3	151	5755	MCS0	13.50	13.18
		159	5795		13.50	13.42
	U-NII-1	42	5210		12.50	11.04
	U-NII-2A	58	5290		12.50	10.80
	U-NII-2C	106	5530		12.50	11.01
		122	5610		12.50	10.78
		138	5690		12.50	11.79
	U-NII-3	155	5775		12.50	11.91

chain2 Sensor off & hotspot off								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)		
802.11a	U-NII-1	36	5180	6	19.50	17.96		
		40	5200		19.50	<b>18.05</b>		
		44	5220		19.50	17.95		
		48	5240		19.50	17.89		
	U-NII-2A	52	5260		19.50	<b>18.38</b>		
		56	5280		19.50	18.37		
		60	5300		19.50	18.33		
		64	5320		19.50	18.27		
	U-NII-2C	100	5500		19.50	17.83		
		104	5520		19.50	17.81		
		108	5540		19.50	17.67		
		112	5560		19.50	17.71		
		116	5580		19.50	17.70		
		120	5600		19.50	18.22		
		124	5620		19.50	18.20		
		128	5640		19.50	18.19		
		132	5660		19.50	18.23		
		136	5680		19.50	18.27		
	U-NII-3	140	5700		19.50	<b>18.68</b>		
		144	5720		19.50	18.67		
		149	5745		19.50	<b>18.43</b>		
		153	5765		19.50	18.39		
		157	5785		19.50	18.35		
		161	5805		19.50	18.34		
	165	5825	19.50		18.40			
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
	802.11n-HT20	U-NII-1	36		5180	MCS0	19.50	17.75
			40		5200		19.50	17.69
44			5220	19.50	17.68			
48			5240	19.50	17.58			
U-NII-2A		52	5260	19.50	18.22			
		56	5280	19.50	18.21			
		60	5300	19.50	18.15			
		64	5320	19.50	18.08			
U-NII-2C		100	5500	19.50	17.68			
		104	5520	19.50	17.89			
		108	5540	19.50	17.77			
		112	5560	19.50	17.92			
		116	5580	19.50	17.85			
		120	5600	19.50	18.05			
		124	5620	19.50	18.01			
		128	5640	19.50	18.10			



		132	5660		19.50	17.98
		136	5680		19.50	17.95
		140	5700		19.50	18.52
		144	5720		19.50	18.67
	U-NII-3	149	5745		19.50	18.28
		153	5765		19.50	18.21
		157	5785		19.50	18.16
		161	5805		19.50	18.09
		165	5825		19.50	18.19
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	18.50	17.01
		46	5230		18.50	17.05
	U-NII-2A	54	5270		18.50	17.55
		62	5310		18.50	17.82
	U-NII-2C	102	5510		18.50	17.06
		110	5550		18.50	17.10
		118	5590		18.50	17.28
		126	5630		18.50	17.21
		134	5670		18.50	17.42
	U-NII-3	142	5710		18.50	17.38
		151	5755		18.50	17.67
			159		5795	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 20M	U-NII-1	36	5180	MCS0	19.50	17.21
		40	5200		19.50	17.32
		44	5220		19.50	17.25
		48	5240		19.50	17.18
	U-NII-2A	52	5260		19.50	17.68
		56	5280		19.50	17.59
		60	5300		19.50	17.67
		64	5320		19.50	17.76
	U-NII-2C	100	5500		19.50	17.21
		104	5520		19.50	17.05
		108	5540		19.50	17.12
		112	5560		19.50	17.21
		116	5580		19.50	17.00
		120	5600		19.50	17.01
		124	5620		19.50	17.16
		128	5640		19.50	17.14
	U-NII-3	132	5660		19.50	17.08
		136	5680		19.50	17.11
		140	5700		19.50	18.03
		144	5720		19.50	18.10
		149	5745		19.50	17.80
		153	5765		19.50	17.87
		157	5785		19.50	17.79
		161	5805		19.50	17.71
		165	5825	19.50	17.76	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 40M	U-NII-1	38	5190	MCS0	18.50	17.01
		46	5230		18.50	17.11
	U-NII-2A	54	5270		18.50	17.59
		62	5310		18.50	17.80
	U-NII-2C	102	5510		18.50	17.07



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 80M	U-NII-3	110	5550	MCS0	18.50	17.06
		118	5590		18.50	17.30
		126	5630		18.50	17.21
		134	5670		18.50	17.47
		142	5710		18.50	17.38
	151	5755	18.50		17.68	
	159	5795	18.50		17.53	
	U-NII-1	42	5210		17.50	15.68
U-NII-2A	58	5290	17.50	16.23		
U-NII-2C	106	5530	17.50	15.63		
	122	5610	17.50	16.06		
	138	5690	17.50	16.26		
U-NII-3	155	5775	17.50	16.10		

chain2 Sensor on & hotspot on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11a	U-NII-1	36	5180	6	13.50	11.89
		40	5200		13.50	<b>12.60</b>
		44	5220		13.50	11.87
		48	5240		13.50	11.84
	U-NII-2A	52	5260		13.50	<b>12.82</b>
		56	5280		13.50	12.30
		60	5300		13.50	12.27
		64	5320		13.50	12.18
	U-NII-2C	100	5500		13.50	11.73
		104	5520		13.50	11.72
		108	5540		13.50	11.62
		112	5560		13.50	11.65
		116	5580		13.50	11.60
		120	5600		13.50	12.12
		124	5620		13.50	12.11
		128	5640		13.50	12.11
		132	5660		13.50	12.13
		136	5680		13.50	12.17
	U-NII-3	140	5700		13.50	<b>12.60</b>
		144	5720		13.50	12.58
		149	5745		13.50	<b>12.37</b>
		153	5765		13.50	12.29
		157	5785		13.50	12.29
		161	5805		13.50	12.27
165	5825	13.50	12.33			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	13.50	11.67
		40	5200		13.50	11.62
		44	5220		13.50	11.59
		48	5240		13.50	11.53
	U-NII-2A	52	5260		13.50	12.17
		56	5280		13.50	12.11
		60	5300		13.50	12.05
	64	5320	13.50		11.99	
	U-NII-2C	100	5500		13.50	11.61
		104	5520		13.50	11.79
108		5540	13.50	11.72		



		112	5560		13.50	11.86
		116	5580		13.50	11.78
		120	5600		13.50	11.97
		124	5620		13.50	11.96
		128	5640		13.50	12.00
		132	5660		13.50	11.89
		136	5680		13.50	11.90
		140	5700		13.50	12.42
		144	5720		13.50	12.58
	U-NII-3	149	5745		13.50	12.18
		153	5765		13.50	12.14
		157	5785		13.50	12.07
		161	5805		13.50	11.99
		165	5825		13.50	12.13
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	12.50	10.92
		46	5230		12.50	10.98
	U-NII-2A	54	5270		12.50	11.46
		62	5310		12.50	11.74
	U-NII-2C	102	5510		12.50	10.98
		110	5550		12.50	11.01
		118	5590		12.50	11.23
		126	5630		12.50	11.12
		134	5670		12.50	11.34
	U-NII-3	142	5710		12.50	11.30
		151	5755		12.50	11.59
		159	5795		12.50	11.43
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ac 20M	U-NII-1	36	5180	MCS0	13.50	11.16
		40	5200		13.50	11.26
		44	5220		13.50	11.17
		48	5240		13.50	11.12
	U-NII-2A	52	5260		13.50	11.60
		56	5280		13.50	11.49
		60	5300		13.50	11.59
		64	5320		13.50	11.70
	U-NII-2C	100	5500		13.50	11.13
		104	5520		13.50	10.96
		108	5540		13.50	11.03
		112	5560		13.50	11.11
		116	5580		13.50	10.90
		120	5600		13.50	10.92
		124	5620		13.50	11.10
		128	5640		13.50	11.05
		132	5660		13.50	11.00
		136	5680		13.50	11.01
	U-NII-3	140	5700		13.50	11.98
		144	5720		13.50	12.01
		149	5745		13.50	11.71
		153	5765		13.50	11.77
		157	5785		13.50	11.73
		161	5805	13.50	11.63	
		165	5825	13.50	11.67	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)



802.11ac 40M	U-NII-1	38	5190	MCS0	12.50	10.91
		46	5230		12.50	11.01
	U-NII-2A	54	5270		12.50	11.54
		62	5310		12.50	11.75
	U-NII-2C	102	5510		12.50	11.00
		110	5550		12.50	11.01
		118	5590		12.50	11.22
		126	5630		12.50	11.13
		134	5670		12.50	11.42
	U-NII-3	142	5710		12.50	11.29
151		5755	12.50	11.58		
		159	5795	12.50	11.45	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	11.50	9.61
	U-NII-2A	58	5290		11.50	10.14
	U-NII-2C	106	5530		11.50	9.54
		122	5610		11.50	9.96
	138	5690	11.50		10.18	
	U-NII-3	155	5775		11.50	10.01

MIMO Receiver off & Sensor off & Hotspot off						chain1	chain2	MIMO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11a	U-NII-1	36	5180	6	19.50	16.00	15.76	18.89
		40	5200		19.50	15.92	15.87	<b>18.91</b>
		44	5220		19.50	15.97	15.77	18.88
		48	5240		19.50	16.01	15.71	18.87
	U-NII-2A	52	5260		19.50	15.67	15.65	18.67
		56	5280		19.50	15.61	15.66	18.65
		60	5300		19.50	15.59	15.62	18.62
		64	5320		19.50	16.10	15.59	<b>19.07</b>
	U-NII-2C	100	5500		19.50	16.22	15.77	19.23
		104	5520		19.50	16.17	15.71	18.96
		108	5540		19.50	16.21	15.62	18.94
		112	5560		19.50	16.18	15.69	18.95
		116	5580		19.50	16.11	15.75	18.94
		120	5600		19.50	16.35	15.89	19.14
		124	5620		19.50	16.34	15.97	19.17
		128	5640		19.50	16.27	16.05	19.17
		132	5660		19.50	16.29	16.08	19.20
		136	5680		19.50	16.35	16.01	19.19
	U-NII-3	140	5700		19.50	16.66	16.10	<b>19.40</b>
		144	5720		19.50	16.69	15.95	19.35
		149	5745		19.50	16.42	16.09	19.27
		153	5765		19.50	16.47	16.07	19.28
		157	5785		19.50	16.73	16.10	<b>19.44</b>
		161	5805		19.50	16.59	16.12	19.37
165		5825	19.50	16.58	16.22	19.41		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)
802.11n- HT20	U-NII-1	36	5180	MCS0	19.50	15.58	14.59	18.12
		40	5200		19.50	15.61	14.57	18.13
		44	5220		19.50	15.58	14.61	18.13

	U-NII-2A	48	5240		19.50	15.63	14.62	18.16		
		52	5260		19.50	15.68	14.89	18.31		
		56	5280		19.50	15.61	14.87	18.27		
		60	5300		19.50	15.67	14.85	18.29		
		64	5320		19.50	15.65	15.10	18.39		
	U-NII-2C	100	5500		19.50	15.39	15.02	18.22		
		104	5520		19.50	15.32	15.21	18.28		
		108	5540		19.50	15.37	15.12	18.26		
		112	5560		19.50	15.42	14.97	18.21		
		116	5580		19.50	15.34	15.04	18.20		
		120	5600		19.50	15.88	15.32	18.62		
		124	5620		19.50	15.79	15.41	18.61		
		128	5640		19.50	15.82	15.37	18.61		
		132	5660		19.50	15.76	15.29	18.54		
		136	5680		19.50	15.72	15.34	18.54		
	U-NII-3	140	5700		19.50	16.01	15.11	18.59		
		144	5720		19.50	16.59	15.14	18.94		
		149	5745		19.50	16.64	15.16	18.97		
		153	5765		19.50	16.59	15.19	18.96		
		157	5785		19.50	16.84	15.09	19.06		
		161	5805	19.50	16.87	15.11	19.09			
		165	5825	19.50	16.70	14.92	18.91			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11n-HT40	U-NII-1	38	5190	MCS0	18.50	14.87	13.99	17.46		
		46	5230		18.50	14.81	13.87	17.38		
	U-NII-2A	54	5270		18.50	14.98	14.52	17.77		
		62	5310		18.50	14.65	14.66	17.67		
	U-NII-2C	102	5510		18.50	14.36	14.15	17.27		
		110	5550		18.50	14.31	14.18	17.26		
		118	5590		18.50	15.97	14.26	18.21		
		126	5630		18.50	15.92	14.21	18.16		
		134	5670		18.50	15.64	14.30	18.03		
	U-NII-3	142	5710		18.50	15.58	14.28	17.99		
		151	5755		18.50	15.40	14.31	17.90		
		159	5795		18.50	15.28	14.28	17.82		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11ac 20M	U-NII-1	36		5180	MCS0	19.50	15.59	15.01	18.32
40			5200	19.50	15.52		15.03	18.29		
44			5220	19.50	15.61		15.07	18.36		
48			5240	19.50	15.54		14.98	18.28		
U-NII-2A		52	5260	19.50	15.64		15.36	18.51		
		56	5280	19.50	15.61		15.18	18.41		
		60	5300	19.50	15.58		15.21	18.41		
		64	5320	19.50	15.35		15.26	18.32		
U-NII-2C		100	5500	19.50	15.37		15.10	18.25		
		104	5520	19.50	15.34		15.11	18.24		
		108	5540	19.50	15.38		15.04	18.22		
		112	5560	19.50	15.33		15.13	18.24		
		116	5580	19.50	15.40		15.04	18.23		
		120	5600	19.50	15.68		14.95	18.34		
		124	5620	19.50	15.76		14.97	18.39		
		128	5640	19.50	15.68		14.94	18.34		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac 40M	U-NII-1	132	5660	MCS0	19.50	15.71	14.89	18.33
		136	5680		19.50	15.59	14.97	18.30
		140	5700		19.50	15.77	15.25	18.53
		144	5720		19.50	15.81	15.21	18.53
	U-NII-2A	149	5745		19.50	16.32	15.02	18.73
		153	5765		19.50	16.29	14.97	18.69
		157	5785		19.50	16.15	15.06	18.65
		161	5805		19.50	16.21	15.01	18.66
	U-NII-2C	165	5825		19.50	16.37	14.91	18.71
		38	5190		18.50	14.78	14.38	17.59
		46	5230		18.50	14.76	14.46	17.62
		54	5270		18.50	14.52	14.22	17.38
U-NII-3	62	5310	18.50	14.21	14.58	17.41		
	102	5510	18.50	15.08	14.35	17.74		
	110	5550	18.50	15.11	14.31	17.74		
	118	5590	18.50	15.10	14.33	17.74		
	126	5630	18.50	15.09	14.28	17.71		
	134	5670	18.50	15.29	14.68	18.01		
	142	5710	18.50	15.34	14.71	18.05		
	151	5755	18.50	15.31	14.69	18.02		
159	5795	18.50	15.13	14.53	17.85			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	17.50	13.30	13.00	16.16
		58	5290		17.50	13.62	13.10	16.38
	U-NII-2A	106	5530		17.50	13.60	13.12	16.38
		122	5610		17.50	13.84	13.22	16.55
		138	5690		17.50	13.56	12.93	16.27
	U-NII-3	155	5775		17.50	14.02	12.78	16.45

MIMO Receiver on						chain1	chain2	MIMO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11a	U-NII-1	36	5180	6	15.00	11.42	11.21	14.33
		40	5200		15.00	11.36	11.31	14.35
		44	5220		15.00	11.40	11.19	14.31
		48	5240		15.00	11.44	11.14	14.30
	U-NII-2A	52	5260		15.00	11.10	11.07	14.10
		56	5280		15.00	11.04	11.09	14.08
		60	5300		15.00	10.99	11.06	14.04
		64	5320		15.00	11.55	11.01	<b>14.50</b>
	U-NII-2C	100	5500		15.00	11.65	11.19	14.66
		104	5520		15.00	11.59	11.11	14.37
		108	5540		15.00	11.64	11.06	14.37
		112	5560		15.00	11.58	11.12	14.37
		116	5580		15.00	11.51	11.15	14.34
		120	5600		15.00	11.76	11.32	14.56
		124	5620		15.00	11.79	11.42	14.62
		128	5640		15.00	11.69	11.48	14.60
		132	5660		15.00	11.74	11.48	14.62
		136	5680		15.00	11.78	11.41	14.61

		140	5700		15.00	12.10	11.55	<b>14.84</b>		
		144	5720		15.00	12.10	11.39	14.77		
	U-NII-3	149	5745		15.00	11.85	11.52	14.70		
		153	5765		15.00	11.90	11.48	14.71		
		157	5785		15.00	12.13	11.42	14.80		
		161	5805		15.00	12.04	11.54	14.81		
		165	5825		15.00	12.03	11.65	<b>14.85</b>		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11n- HT20	U-NII-1	36	5180	MCS0	15.00	11.03	10.04	13.57		
		40	5200		15.00	11.05	10.00	13.57		
		44	5220		15.00	11.01	10.04	13.56		
		48	5240		15.00	11.06	10.04	13.59		
	U-NII-2A	52	5260		15.00	11.10	10.31	13.73		
		56	5280		15.00	11.05	10.30	13.70		
		60	5300		15.00	11.11	10.27	13.72		
		64	5320		15.00	11.05	10.55	13.82		
	U-NII-2C	100	5500		15.00	10.81	10.43	13.63		
		104	5520		15.00	10.72	10.61	13.68		
		108	5540		15.00	10.82	10.54	13.69		
		112	5560		15.00	10.87	10.37	13.64		
		116	5580		15.00	10.78	10.44	13.62		
		120	5600		15.00	11.32	10.77	14.06		
		124	5620		15.00	11.23	10.86	14.06		
		128	5640		15.00	11.27	10.77	14.04		
		132	5660		15.00	11.20	10.69	13.96		
		136	5680		15.00	11.17	10.77	13.98		
		140	5700		15.00	11.44	10.54	14.02		
		144	5720		15.00	12.04	10.59	14.39		
	U-NII-3	149	5745		15.00	12.06	10.56	14.38		
		153	5765		15.00	12.03	10.61	14.39		
		157	5785		15.00	12.25	10.49	14.47		
		161	5805		15.00	12.32	10.52	14.52		
		165	5825		15.00	12.10	10.33	14.31		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11n- HT40	U-NII-1	38		5190	MCS0	14.00	10.31	9.42	12.90
			46		5230		14.00	10.26	9.31	12.82
U-NII-2A		54	5270	14.00	10.41		9.92	13.18		
		62	5310	14.00	10.05		10.11	13.09		
U-NII-2C		102	5510	14.00	9.79		9.56	12.69		
		110	5550	14.00	9.73		9.59	12.67		
		118	5590	14.00	11.38		9.67	13.62		
		126	5630	14.00	11.34		9.66	13.59		
		134	5670	14.00	11.07		9.74	13.47		
		142	5710	14.00	11.03		9.69	13.42		
U-NII-3		151	5755	14.00	10.81		9.73	13.31		
		159	5795	14.00	10.71		9.68	13.24		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)		Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac 20M		U-NII-1	36	5180	MCS0		15.00	11.00	10.42	13.73
	40		5200	15.00		10.94	10.43	13.70		
	44		5220	15.00		11.05	10.51	13.80		

	U-NII-2A	48	5240		15.00	10.94	10.41	13.69		
		52	5260		15.00	11.06	10.80	13.94		
		56	5280		15.00	11.03	10.62	13.84		
		60	5300		15.00	11.00	10.65	13.84		
		64	5320		15.00	10.78	10.71	13.76		
	U-NII-2C	100	5500		15.00	10.77	10.52	13.66		
		104	5520		15.00	10.74	10.52	13.64		
		108	5540		15.00	10.79	10.48	13.65		
		112	5560		15.00	10.76	10.57	13.68		
		116	5580		15.00	10.80	10.44	13.63		
		120	5600		15.00	11.10	10.36	13.76		
		124	5620		15.00	11.19	10.38	13.81		
		128	5640		15.00	11.09	10.34	13.74		
		132	5660		15.00	11.15	10.30	13.76		
		136	5680		15.00	11.01	10.42	13.74		
	U-NII-3	140	5700		15.00	11.17	10.66	13.93		
		144	5720		15.00	11.25	10.61	13.95		
		149	5745		15.00	11.74	10.42	14.14		
		153	5765		15.00	11.72	10.40	14.12		
		157	5785		15.00	11.56	10.51	14.08		
		161	5805	15.00	11.64	10.46	14.10			
		165	5825	15.00	11.82	10.36	14.16			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11ac 40M	U-NII-1	38	5190	MCS0	14.00	10.21	9.81	13.02		
		46	5230		14.00	10.19	9.89	13.05		
	U-NII-2A	54	5270		14.00	9.97	9.67	12.83		
		62	5310		14.00	9.61	10.03	12.84		
	U-NII-2C	102	5510		14.00	10.48	9.77	13.15		
		110	5550		14.00	10.54	9.73	13.16		
		118	5590		14.00	10.50	9.73	13.14		
		126	5630		14.00	10.49	9.71	13.13		
		134	5670		14.00	10.74	10.08	13.43		
	U-NII-3	142	5710		14.00	10.76	10.16	13.48		
		151	5755		14.00	10.72	10.13	13.45		
		159	5795		14.00	10.56	9.93	13.27		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11ac 80M	U-NII-1	42		5210	MCS0	13.00	8.74	8.43	11.60
U-NII-2A		58	5290	13.00	9.07		8.54	11.82		
U-NII-2C		106	5530	13.00	9.03		8.54	11.80		
		122	5610	13.00	9.28		8.62	11.97		
		138	5690	13.00	8.99		8.37	11.70		
U-NII-3		155	5775	13.00	9.46		8.20	11.89		

MIMO Sensor on & Hotspot on					chain1	chain2	MIMO	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11a	U-NII-1	36	5180	6	13.50	9.92	9.69	12.82
		40	5200		13.50	9.84	9.80	<b>12.83</b>
		44	5220		13.50	9.90	9.67	12.80
		48	5240		13.50	9.94	9.62	12.79
	U-NII-2A	52	5260		13.50	9.57	9.56	<b>13.00</b>

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11n- HT20	U-NII-2C	56	5280	MCS0	13.50	9.54	9.60	12.58		
		60	5300		13.50	9.51	9.57	12.55		
		64	5320		13.50	10.01	9.49	12.98		
		100	5500		13.50	10.17	9.71	13.18		
		104	5520		13.50	10.07	9.61	12.86		
		108	5540		13.50	10.14	9.54	12.86		
		112	5560		13.50	10.08	9.59	12.85		
		116	5580		13.50	10.02	9.66	12.85		
		120	5600		13.50	10.29	9.81	13.07		
		124	5620		13.50	10.24	9.87	13.07		
		128	5640		13.50	10.19	9.97	13.09		
		132	5660		13.50	10.19	9.99	13.10		
		136	5680		13.50	10.26	9.91	13.10		
		140	5700		13.50	10.57	10.02	<b>13.31</b>		
	144	5720	13.50		10.63	9.88	13.28			
	U-NII-3	149	5745		13.50	10.35	9.99	13.18		
		153	5765		13.50	10.41	10.01	13.22		
		157	5785		13.50	10.68	10.00	<b>13.36</b>		
		161	5805		13.50	10.51	10.07	13.31		
		165	5825		13.50	10.51	10.17	13.35		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11n- HT40	U-NII-1	36		5180	MCS0	13.50	9.52	8.53	12.06
			40		5200		13.50	9.53	8.51	12.06
			44		5220		13.50	9.49	8.54	12.05
			48		5240		13.50	9.54	8.54	12.08
U-NII-2A		52	5260	13.50	9.62		8.80	12.24		
		56	5280	13.50	9.56		8.79	12.20		
		60	5300	13.50	9.60		8.77	12.22		
		64	5320	13.50	9.55		9.02	12.30		
		100	5500	13.50	9.30		8.96	12.14		
		104	5520	13.50	9.23		9.15	12.20		
U-NII-2C		108	5540	13.50	9.32		9.02	12.18		
		112	5560	13.50	9.32		8.90	12.13		
		116	5580	13.50	9.24		8.94	12.10		
		120	5600	13.50	9.82		9.23	12.55		
		124	5620	13.50	9.72		9.32	12.53		
		128	5640	13.50	9.72		9.30	12.53		
		132	5660	13.50	9.66		9.24	12.47		
		136	5680	13.50	9.67		9.27	12.48		
		140	5700	13.50	9.95		9.02	12.52		
		144	5720	13.50	10.52		9.05	12.86		
U-NII-3		149	5745	13.50	10.58		9.06	12.90		
		153	5765	13.50	10.54		9.12	12.90		
		157	5785	13.50	10.77		9.00	12.98		
		161	5805	13.50	10.82		9.05	13.03		
		165	5825	13.50	10.65		8.87	12.86		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11n- HT40	U-NII-1	38	5190	MCS0	12.50	8.80	7.92	11.39		
		46	5230		12.50	8.71	7.78	11.28		
	U-NII-2A	54	5270		12.50	8.93	8.44	11.70		
		62	5310		12.50	8.56	8.58	11.58		
	U-NII-2C	102	5510		12.50	8.27	8.06	11.18		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11ac 20M	U-NII-1	110	5550	MCS0	12.50	8.22	8.12	11.18		
		118	5590		12.50	9.87	8.20	12.13		
		126	5630		12.50	9.84	8.14	12.08		
		134	5670		12.50	9.57	8.21	11.95		
		142	5710		12.50	9.49	8.23	11.92		
	U-NII-3	151	5755		12.50	9.33	8.26	11.84		
		159	5795		12.50	9.20	8.23	11.75		
	802.11ac 40M	U-NII-1	36		5180	13.50	9.50	8.91	12.23	
			40		5200	13.50	9.44	8.93	12.20	
			44		5220	13.50	9.54	8.98	12.28	
			48		5240	13.50	9.45	8.89	12.19	
		U-NII-2A	52		5260	13.50	9.54	9.30	12.43	
			56		5280	13.50	9.52	9.09	12.32	
			60		5300	13.50	9.48	9.12	12.31	
64			5320	13.50	9.27	9.18	12.24			
U-NII-2C		100	5500	13.50	9.27	9.03	12.16			
		104	5520	13.50	9.29	9.01	12.16			
		108	5540	13.50	9.30	8.99	12.16			
		112	5560	13.50	9.28	9.07	12.19			
		116	5580	13.50	9.30	8.94	12.13			
		120	5600	13.50	9.63	8.87	12.28			
		124	5620	13.50	9.68	8.91	12.32			
		128	5640	13.50	9.59	8.87	12.26			
		132	5660	13.50	9.65	8.83	12.27			
		136	5680	13.50	9.52	8.88	12.22			
		140	5700	13.50	9.69	9.15	12.44			
		144	5720	13.50	9.73	9.14	12.46			
U-NII-3	149	5745	13.50	10.26	8.93	12.66				
	153	5765	13.50	10.20	8.87	12.60				
	157	5785	13.50	10.10	8.98	12.59				
	161	5805	13.50	10.15	8.93	12.59				
		165	5825	13.50	10.27	8.82	12.62			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)		
802.11ac 80M	U-NII-1	38	5190	MCS0	12.50	8.72	8.29	11.52		
		46	5230		12.50	8.71	8.39	11.56		
	U-NII-2A	54	5270		12.50	8.44	8.13	11.30		
		62	5310		12.50	8.12	8.52	11.33		
	U-NII-2C	102	5510		12.50	9.03	8.25	11.67		
		110	5550		12.50	9.03	8.25	11.67		
		118	5590		12.50	9.03	8.26	11.67		
		126	5630		12.50	9.00	8.19	11.62		
		134	5670		12.50	9.22	8.58	11.92		
		142	5710		12.50	9.27	8.63	11.97		
	U-NII-3	151	5755		12.50	9.26	8.61	11.96		
		159	5795		12.50	9.06	8.48	11.79		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
	802.11ac 80M	U-NII-1	42		5210	MCS0	11.50	7.23	6.92	10.09
U-NII-2A		58	5290	11.50	7.55		7.01	10.30		
U-NII-2C		106	5530	11.50	7.50		7.04	10.29		

		122	5610		11.50	7.74	7.16	10.47
		138	5690		11.50	7.51	6.83	10.19
	U-NII-3	155	5775		11.50	7.95	6.69	10.38

Table 12 : Conducted Power of Wi-Fi 5G

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	10.12	<b>11.54</b>	10.36	12.00
	$\pi/4$ DQPSK	6.64	7.79	6.56	8.00
	8DPSK	7.21	8.52	7.32	9.00
Band	Channel	0	39	78	Tune up
BLE_1M	GFSK	5.32	7.36	6.48	8.00
BLE_2M	GFSK	5.44	7.46	6.60	8.00

Table 13 : Conducted Power of BT