

		1	50	19.26	19.45	19.38	20.50
		1	99	19.48	19.09	19.27	20.50
		50	0	19.41	19.28	19.14	20.50
		50	25	19.39	19.43	19.28	20.50
		50	50	19.45	19.20	19.16	20.50
		100	0	19.23	19.36	19.14	20.50

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.77	22.07	22.21	23.50
		1	13	21.91	22.25	22.38	23.50
		1	24	21.88	22.24	22.26	23.50
		12	0	21.35	21.61	21.73	22.50
		12	6	21.46	21.69	21.73	22.50
		12	13	21.49	21.81	21.35	22.50
	16QAM	25	0	21.43	21.66	21.51	22.50
		1	0	21.64	21.90	21.91	22.50
		1	13	21.86	22.24	21.85	22.50
		1	24	21.79	22.10	21.52	22.50
		12	0	20.44	20.64	20.77	21.50
		12	6	20.49	20.80	20.82	21.50
	64QAM	12	13	20.54	20.89	20.55	21.50
		25	0	20.46	20.71	20.76	21.50
		1	0	20.26	20.76	20.56	21.50
		1	13	20.48	20.71	20.68	21.50
		1	24	20.45	20.61	20.82	21.50
		12	0	19.36	19.61	19.79	20.50
	256QAM	12	6	19.28	19.58	19.63	20.50
		12	13	19.43	19.71	19.67	20.50
		25	0	19.38	19.69	19.80	20.50
		1	0	18.34	18.57	18.83	19.50
		1	13	18.20	18.51	18.82	19.50
		1	24	18.35	18.75	18.74	19.50
10MHz	QPSK	12	0	18.24	18.74	18.69	19.50
		12	6	18.31	18.52	18.52	19.50
		12	13	18.35	18.76	18.65	19.50
		25	0	18.59	18.72	18.87	19.50
		1	0	21.79	22.05	22.15	23.50
		1	25	21.90	22.18	22.30	23.50
	16QAM	1	49	21.96	22.25	22.33	23.50
		25	0	21.37	21.65	21.75	22.50
		25	13	21.50	21.72	21.82	22.50
		25	25	21.47	21.78	21.77	22.50
		50	0	21.48	21.69	21.77	22.50
		1	0	21.73	22.04	22.16	22.50
		1	25	21.82	22.15	22.15	22.50
		1	49	21.90	22.23	21.72	22.50

		25	0	20.38	20.69	20.81	21.50	
		25	13	20.52	20.73	20.83	21.50	
		25	25	20.51	20.81	20.90	21.50	
		50	0	20.48	20.70	20.82	21.50	
	64QAM	1	0	20.31	20.69	20.66	21.50	
		1	25	20.50	20.54	20.65	21.50	
		1	49	20.40	20.63	20.79	21.50	
		25	0	19.38	19.57	19.79	20.50	
		25	13	19.40	19.73	19.72	20.50	
		25	25	19.40	19.58	19.68	20.50	
	256QAM	50	0	19.54	19.56	19.80	20.50	
		1	0	18.19	18.59	18.72	19.50	
		1	25	18.17	18.60	18.67	19.50	
		1	49	18.42	18.62	18.72	19.50	
		25	0	18.30	18.67	18.65	19.50	
		25	13	18.29	18.63	18.64	19.50	
		25	25	18.36	18.75	18.64	19.50	
	50	0	18.50	18.58	18.78	19.50		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	21.59	21.84	21.94	23.50	
		1	38	21.73	22.04	22.11	23.50	
		1	74	21.79	22.04	22.20	23.50	
		36	0	21.24	21.51	21.57	22.50	
		36	18	21.37	21.54	21.73	22.50	
		36	39	21.38	21.64	21.73	22.50	
		75	0	21.38	21.55	21.72	22.50	
	16QAM	1	0	21.42	21.69	21.75	22.50	
		1	38	21.56	21.81	21.91	22.50	
		1	74	21.65	21.95	21.99	22.50	
		36	0	20.26	20.53	20.62	21.50	
		36	18	20.36	20.55	20.73	21.50	
		36	39	20.41	20.66	20.74	21.50	
		75	0	20.38	20.56	20.76	21.50	
	64QAM	1	0	20.28	20.76	20.62	21.50	
		1	38	20.51	20.60	20.70	21.50	
		1	74	20.53	20.53	20.73	21.50	
		36	0	19.27	19.63	19.78	20.50	
		36	18	19.33	19.59	19.63	20.50	
		36	39	19.35	19.69	19.67	20.50	
		75	0	19.56	19.62	19.86	20.50	
	256QAM	1	0	18.32	18.51	18.69	19.50	
		1	38	18.29	18.59	18.79	19.50	
		1	74	18.46	18.65	18.74	19.50	
		36	0	18.23	18.64	18.74	19.50	
		36	18	18.35	18.55	18.52	19.50	
		36	39	18.43	18.65	18.66	19.50	
		75	0	18.57	18.58	18.75	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
<b>20MHz</b>	QPSK	1	0	21.64	21.81	21.93	23.50	
				20850	21100	21350		

		1	50	21.75	22.03	22.04	23.50
		1	99	<b>21.86</b>	<b>22.11</b>	<b>22.14</b>	23.50
		50	0	21.20	21.47	21.57	22.50
		50	25	21.36	21.55	21.64	22.50
		50	50	21.39	21.64	21.74	22.50
		100	0	21.36	21.54	21.66	22.50
	16QAM	1	0	21.38	21.74	21.83	22.50
		1	50	21.62	21.97	22.05	22.50
		1	99	21.61	21.98	21.98	22.50
		50	0	20.23	20.52	20.61	21.50
		50	25	20.42	20.59	20.66	21.50
		50	50	20.42	20.67	20.76	21.50
	64QAM	100	0	20.40	20.57	20.64	21.50
		1	0	20.34	20.66	20.58	21.50
		1	50	20.45	20.62	20.69	21.50
		1	99	20.47	20.54	20.72	21.50
		50	0	19.30	19.62	19.69	20.50
		50	25	19.31	19.67	19.68	20.50
	256QAM	50	50	19.36	19.67	19.64	20.50
		100	0	19.47	19.61	19.78	20.50
		1	0	18.28	18.56	18.79	19.50
		1	50	18.26	18.61	18.76	19.50
		1	99	18.36	18.65	18.65	19.50
		50	0	18.31	18.64	18.66	19.50
		50	25	18.31	18.57	18.62	19.50
		50	50	18.37	18.74	18.57	19.50
		100	0	18.54	18.62	18.83	19.50

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.30	18.59	18.65	19.50
		1	13	18.44	18.84	18.85	19.50
		1	24	18.40	18.74	18.78	19.50
		12	0	18.37	18.60	18.69	19.50
		12	6	18.46	18.69	18.74	19.50
		12	13	18.49	18.79	18.88	19.50
		25	0	18.42	18.66	18.77	19.50
	16QAM	1	0	18.67	18.95	19.06	19.50
		1	13	18.86	19.15	19.39	19.50
		1	24	18.79	19.14	19.10	19.50
		12	0	18.39	18.62	18.75	19.50
		12	6	18.49	18.72	18.79	19.50
		12	13	18.53	18.83	18.90	19.50
		25	0	18.43	18.65	18.73	19.50
	64QAM	1	0	18.39	18.85	18.96	19.50
		1	13	18.77	19.14	19.07	19.50
		1	24	18.84	19.03	18.87	19.50
		12	0	18.29	18.60	18.72	19.50
		12	6	18.52	18.53	18.60	19.50

		12	13	18.46	18.82	18.88	19.50
		25	0	18.54	18.67	18.63	19.50
	256QAM	1	0	18.34	18.57	18.83	19.50
		1	13	18.20	18.51	18.82	19.50
		1	24	18.35	18.75	18.74	19.50
		12	0	18.24	18.74	18.69	19.50
		12	6	18.31	18.52	18.52	19.50
		12	13	18.35	18.76	18.65	19.50
		25	0	18.59	18.72	18.87	19.50
		25	0	18.59	18.72	18.87	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	18.32	18.57	18.68	19.50
		1	25	18.45	18.69	18.77	19.50
		1	49	18.50	18.74	18.83	19.50
		25	0	18.39	18.65	18.73	19.50
		25	13	18.51	18.70	18.77	19.50
		25	25	18.51	18.77	18.87	19.50
		50	0	18.50	18.69	18.78	19.50
	16QAM	1	0	18.68	19.06	19.03	19.50
		1	25	18.82	19.04	19.16	19.50
		1	49	18.86	19.14	19.27	19.50
		25	0	18.43	18.69	18.73	19.50
		25	13	18.48	18.69	18.79	19.50
		25	25	18.49	18.80	18.87	19.50
		50	0	18.50	18.70	18.76	19.50
	64QAM	1	0	18.29	18.79	18.82	19.50
		1	25	18.65	19.10	19.17	19.50
		1	49	18.89	18.93	18.86	19.50
		25	0	18.28	18.54	18.67	19.50
		25	13	18.56	18.71	18.71	19.50
		25	25	18.47	18.82	18.72	19.50
		50	0	18.41	18.71	18.78	19.50
	256QAM	1	0	18.19	18.59	18.72	19.50
		1	25	18.17	18.60	18.67	19.50
		1	49	18.42	18.62	18.72	19.50
		25	0	18.30	18.67	18.65	19.50
		25	13	18.29	18.63	18.64	19.50
		25	25	18.36	18.75	18.64	19.50
		50	0	18.50	18.58	18.78	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	18.15	18.35	18.44	19.50
		1	38	18.32	18.55	18.59	19.50
		1	74	18.33	18.60	18.68	19.50
		36	0	18.27	18.48	18.58	19.50
		36	18	18.40	18.55	18.69	19.50
		36	39	18.42	18.65	18.72	19.50
		75	0	18.41	18.56	18.69	19.50
	16QAM	1	0	18.49	18.73	18.76	19.50
		1	38	18.74	18.88	18.96	19.50
		1	74	18.68	18.89	18.94	19.50

		36	0	18.29	18.50	18.58	19.50	
		36	18	18.42	18.58	18.70	19.50	
		36	39	18.42	18.65	18.71	19.50	
		75	0	18.41	18.56	18.73	19.50	
	64QAM	1	0	18.41	18.85	18.86	19.50	
		1	38	18.80	19.11	19.17	19.50	
		1	74	18.74	19.00	18.94	19.50	
		36	0	18.40	18.57	18.72	19.50	
		36	18	18.45	18.63	18.60	19.50	
		36	39	18.36	18.68	18.82	19.50	
	256QAM	75	0	18.42	18.66	18.78	19.50	
		1	0	18.32	18.51	18.69	19.50	
		1	38	18.29	18.59	18.79	19.50	
		1	74	18.46	18.65	18.74	19.50	
		36	0	18.23	18.64	18.74	19.50	
		36	18	18.35	18.55	18.52	19.50	
		36	39	18.43	18.65	18.66	19.50	
	75	0	18.57	18.58	18.75	19.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	18.59	18.81	18.87	19.50	
		1	50	18.69	19.01	19.04	19.50	
		1	99	<b>18.82</b>	<b>19.14</b>	<b>19.10</b>	19.50	
		50	0	18.71	18.91	19.01	19.50	
		50	25	18.84	19.00	19.09	19.50	
		50	50	18.87	19.12	19.18	19.50	
		100	0	18.84	19.01	19.07	19.50	
	16QAM	1	0	18.36	18.77	18.87	19.50	
		1	50	18.73	19.05	19.14	19.50	
		1	99	18.81	18.95	18.96	19.50	
		50	0	18.32	18.55	18.62	19.50	
		50	25	18.46	18.63	18.70	19.50	
		50	50	18.46	18.74	18.80	19.50	
		100	0	18.46	18.62	18.68	19.50	
	64QAM	1	0	18.43	18.67	18.87	19.50	
		1	50	18.67	19.06	19.09	19.50	
		1	99	18.83	18.99	19.06	19.50	
		50	0	18.40	18.50	18.63	19.50	
		50	25	18.52	18.56	18.77	19.50	
		50	50	18.45	18.84	18.77	19.50	
		100	0	18.36	18.70	18.64	19.50	
	256QAM	1	0	18.28	18.56	18.79	19.50	
		1	50	18.26	18.61	18.76	19.50	
		1	99	18.36	18.65	18.65	19.50	
		50	0	18.31	18.64	18.66	19.50	
		50	25	18.31	18.57	18.62	19.50	
		50	50	18.37	18.74	18.57	19.50	
		100	0	18.54	18.62	18.83	19.50	

LTE Band 38 Receiver on

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.55	22.63	22.51	24.00	
		1	13	22.47	22.50	22.59	24.00	
		1	24	22.53	22.47	22.58	24.00	
		12	0	22.03	21.97	22.13	23.00	
		12	6	22.04	22.03	22.00	23.00	
		12	13	21.98	21.97	21.94	23.00	
		25	0	22.03	22.09	21.94	23.00	
	16QAM	1	0	22.02	22.01	22.16	23.00	
		1	13	21.98	22.25	21.93	23.00	
		1	24	21.97	22.01	22.06	23.00	
		12	0	20.85	21.01	21.11	22.00	
		12	6	21.12	20.99	21.12	22.00	
		12	13	20.96	21.10	21.12	22.00	
		25	0	21.01	21.07	21.00	22.00	
	64QAM	1	0	21.07	21.23	21.03	22.00	
		1	13	21.18	21.28	21.22	22.00	
		1	24	21.16	21.01	21.01	22.00	
		12	0	20.13	20.23	20.04	21.00	
		12	6	20.07	20.32	20.11	21.00	
		12	13	20.10	20.28	20.28	21.00	
		25	0	20.22	20.03	19.90	21.00	
	256QAM	1	0	18.94	18.93	18.78	20.00	
		1	13	18.87	18.92	18.73	20.00	
		1	24	18.71	19.00	19.08	20.00	
		12	0	18.81	18.67	18.65	20.00	
		12	6	18.85	19.03	18.70	20.00	
		12	13	18.81	19.06	19.03	20.00	
		25	0	18.84	18.68	18.68	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	22.59	22.52	22.52	24.00
			1	25	22.50	22.62	22.53	24.00
			1	49	22.37	22.62	22.47	24.00
			25	0	21.97	21.97	22.13	23.00
			25	13	22.13	22.08	22.06	23.00
			25	25	22.11	21.98	22.07	23.00
			50	0	21.96	22.07	22.07	23.00
16QAM		1	0	22.02	22.17	22.08	23.00	
		1	25	21.97	22.12	21.99	23.00	
		1	49	21.91	22.08	21.89	23.00	
		25	0	20.89	20.99	21.00	22.00	
		25	13	21.01	21.09	21.11	22.00	
		25	25	20.93	21.06	20.97	22.00	
		50	0	21.03	21.02	20.92	22.00	
64QAM		1	0	21.09	21.15	21.00	22.00	
		1	25	21.01	21.11	21.21	22.00	
		1	49	21.05	20.96	21.04	22.00	
		25	0	20.21	20.14	20.01	21.00	
		25	13	19.99	20.40	20.08	21.00	

	256QAM	25	25	20.01	20.35	20.31	21.00
		50	0	20.07	19.86	19.85	21.00
		1	0	18.81	18.89	18.95	20.00
		1	25	18.73	18.96	18.85	20.00
		1	49	18.78	19.07	18.95	20.00
		25	0	18.85	18.80	18.80	20.00
		25	13	18.82	19.05	18.61	20.00
		25	25	18.81	19.00	18.97	20.00
		50	0	18.89	18.66	18.65	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	22.54	22.67	22.46	24.00
		1	38	22.47	22.52	22.59	24.00
		1	74	22.53	22.56	22.55	24.00
		36	0	21.86	22.11	22.05	23.00
		36	18	22.11	21.97	22.04	23.00
		36	39	22.06	22.06	22.09	23.00
		75	0	21.99	22.04	22.06	23.00
	16QAM	1	0	21.88	22.07	22.08	23.00
		1	38	22.12	22.28	22.02	23.00
		1	74	21.94	22.07	22.04	23.00
		36	0	21.03	20.98	21.12	22.00
		36	18	20.98	21.05	21.10	22.00
		36	39	20.96	21.00	21.12	22.00
		75	0	20.99	20.95	20.98	22.00
	64QAM	1	0	21.19	21.29	21.04	22.00
		1	38	21.19	21.13	21.12	22.00
		1	74	21.12	21.05	20.99	22.00
		36	0	20.11	20.19	19.98	21.00
		36	18	19.97	20.42	19.96	21.00
		36	39	20.09	20.19	20.32	21.00
		75	0	20.17	19.85	19.83	21.00
	256QAM	1	0	18.98	18.88	18.81	20.00
		1	38	18.85	19.01	18.87	20.00
		1	74	18.73	18.99	18.97	20.00
		36	0	18.76	18.70	18.68	20.00
		36	18	18.80	19.11	18.60	20.00
		36	39	18.78	19.11	19.12	20.00
		75	0	18.89	18.71	18.79	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	<b>22.67</b>	<b>22.69</b>	22.61	24.00
		1	50	22.59	22.68	<b>22.65</b>	24.00
		1	99	22.57	22.65	22.64	24.00
		50	0	22.05	22.14	22.16	23.00
		50	25	22.16	22.16	22.14	23.00
		50	50	22.15	22.17	22.12	23.00
		100	0	22.14	22.11	22.13	23.00
	16QAM	1	0	22.04	22.19	22.24	23.00
		1	50	22.15	22.30	22.08	23.00
		1	99	22.06	22.11	22.08	23.00

		50	0	21.05	21.09	21.16	22.00
		50	25	21.18	21.14	21.16	22.00
		50	50	21.12	21.17	21.14	22.00
		100	0	21.16	21.12	21.11	22.00
	64QAM	1	0	21.10	21.22	21.06	22.00
		1	50	21.11	21.20	21.22	22.00
		1	99	21.08	21.03	21.03	22.00
		50	0	20.11	20.13	20.08	21.00
		50	25	20.06	20.32	20.02	21.00
		50	50	20.05	20.29	20.32	21.00
	256QAM	100	0	20.13	19.93	19.93	21.00
		1	0	18.90	18.85	18.88	20.00
		1	50	18.78	19.00	18.79	20.00
		1	99	18.73	19.08	19.02	20.00
		50	0	18.75	18.73	18.70	20.00
		50	25	18.78	19.05	18.65	20.00
		50	50	18.84	19.09	19.02	20.00
		100	0	18.90	18.71	18.73	20.00

LTE Band 38 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.13	21.18	20.97	22.00
		1	13	21.15	21.05	21.13	22.00
		1	24	21.03	21.28	20.96	22.00
		12	0	21.05	20.99	21.05	22.00
		12	6	21.03	21.17	21.15	22.00
		12	13	21.02	21.12	21.22	22.00
		25	0	21.18	21.14	21.17	22.00
	16QAM	1	0	20.97	21.20	21.09	22.00
		1	13	21.09	21.01	21.03	22.00
		1	24	20.96	20.93	20.87	22.00
		12	0	20.85	21.01	21.11	22.00
		12	6	21.12	20.99	21.12	22.00
		12	13	20.96	21.10	21.12	22.00
		25	0	21.01	21.07	21.00	22.00
	64QAM	1	0	21.07	21.23	21.03	22.00
		1	13	21.18	21.28	21.22	22.00
		1	24	21.16	21.01	21.01	22.00
		12	0	20.13	20.23	20.04	21.00
		12	6	20.07	20.32	20.11	21.00
		12	13	20.10	20.28	20.28	21.00
		25	0	20.22	20.03	19.90	21.00
	256QAM	1	0	18.94	18.93	18.78	20.00
		1	13	18.87	18.92	18.73	20.00
		1	24	18.71	19.00	19.08	20.00
		12	0	18.81	18.67	18.65	20.00
		12	6	18.85	19.03	18.70	20.00
		12	13	18.81	19.06	19.03	20.00
		25	0	18.84	18.68	18.68	20.00





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	256QAM	36	39	20.09	20.19	20.32	21.00	
		75	0	20.17	19.85	19.83	21.00	
		1	0	18.98	18.88	18.81	20.00	
		1	38	18.85	19.01	18.87	20.00	
		1	74	18.73	18.99	18.97	20.00	
		36	0	18.76	18.70	18.68	20.00	
		36	18	18.80	19.11	18.60	20.00	
		36	39	18.78	19.11	19.12	20.00	
	75	0	18.89	18.71	18.79	20.00		
	QPSK	16QAM	1	0	<b>21.10</b>	21.11	21.09	22.00
			1	50	21.07	<b>21.19</b>	<b>21.18</b>	22.00
			1	99	21.08	21.18	21.09	22.00
			50	0	21.03	21.12	21.12	22.00
			50	25	21.13	21.14	21.18	22.00
			50	50	21.09	21.18	21.12	22.00
			100	0	21.09	21.10	21.13	22.00
		64QAM	1	0	20.99	21.17	21.01	22.00
			1	50	21.17	21.09	21.18	22.00
			1	99	21.00	21.07	21.00	22.00
			50	0	21.05	21.09	21.16	22.00
			50	25	21.18	21.14	21.16	22.00
			50	50	21.12	21.17	21.14	22.00
			100	0	21.16	21.12	21.11	22.00
		256QAM	1	0	21.10	21.22	21.06	22.00
			1	50	21.11	21.20	21.22	22.00
			1	99	21.08	21.03	21.03	22.00
			50	0	20.11	20.13	20.08	21.00
			50	25	20.06	20.32	20.02	21.00
			50	50	20.05	20.29	20.32	21.00
			100	0	20.13	19.93	19.93	21.00
		256QAM	1	0	18.90	18.85	18.88	20.00
			1	50	18.78	19.00	18.79	20.00
			1	99	18.73	19.08	19.02	20.00
			50	0	18.75	18.73	18.70	20.00
			50	25	18.78	19.05	18.65	20.00
			50	50	18.84	19.09	19.02	20.00
100			0	18.90	18.71	18.73	20.00	

LTE Band 40 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	22.52	22.63	22.46	24.00
		1	13	22.38	22.49	22.48	24.00
		1	24	22.58	22.57	22.47	24.00
		12	0	22.04	21.97	21.97	23.00
		12	6	21.99	21.86	21.80	23.00
		12	13	21.97	21.96	21.85	23.00
		25	0	22.06	21.95	21.92	23.00

	16QAM	1	0	21.97	22.24	22.24	23.00		
		1	13	22.23	22.02	22.01	23.00		
		1	24	21.87	21.96	22.04	23.00		
		12	0	21.00	20.89	21.01	22.00		
		12	6	21.03	20.96	20.84	22.00		
		12	13	21.07	20.92	20.94	22.00		
	64QAM	25	0	20.98	20.91	20.97	22.00		
		1	0	21.41	21.24	21.31	22.00		
		1	13	21.25	21.19	21.31	22.00		
		1	24	21.39	21.35	21.23	22.00		
		12	0	20.31	20.27	20.22	21.00		
		12	6	20.41	20.24	20.31	21.00		
	256QAM	12	13	20.25	20.19	20.31	21.00		
		25	0	20.39	20.35	20.23	21.00		
		1	0	19.01	18.97	18.92	20.00		
		1	13	19.11	18.94	19.01	20.00		
		1	24	18.95	18.89	19.01	20.00		
		12	0	19.01	18.97	18.92	20.00		
			12	6	19.11	18.94	19.01	20.00	
			12	13	18.95	18.89	19.01	20.00	
			25	0	19.09	19.05	18.93	20.00	
<b>Bandwidth</b>			<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
						38700	39150	39600	
10MHz	QPSK	1	0	22.51	22.69	22.37	24.00		
		1	25	22.45	22.52	22.53	24.00		
		1	49	22.48	22.59	22.48	24.00		
		25	0	22.02	22.01	21.98	23.00		
		25	13	22.02	22.01	21.87	23.00		
		25	25	21.94	22.03	21.85	23.00		
		50	0	22.06	21.96	21.89	23.00		
	16QAM	1	0	22.10	22.25	22.24	23.00		
		1	25	22.30	22.14	22.00	23.00		
		1	49	21.86	21.87	22.13	23.00		
		25	0	20.94	20.90	20.87	22.00		
		25	13	20.97	20.90	20.97	22.00		
		25	25	20.94	20.88	20.86	22.00		
		50	0	21.04	20.90	20.87	22.00		
	64QAM	1	0	21.41	21.24	21.31	22.00		
		1	25	21.25	21.19	21.31	22.00		
		1	49	21.39	21.35	21.23	22.00		
		25	0	20.31	20.27	20.22	21.00		
		25	13	20.41	20.24	20.31	21.00		
		25	25	20.25	20.19	20.31	21.00		
		50	0	20.39	20.35	20.23	21.00		
	256QAM	1	0	19.01	18.97	18.92	20.00		
		1	25	19.11	18.94	19.01	20.00		
		1	49	18.95	18.89	19.01	20.00		
		25	0	19.01	18.97	18.92	20.00		
		25	13	19.11	18.94	19.01	20.00		
		25	25	18.95	18.89	19.01	20.00		
50		0	19.09	19.05	18.93	20.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38725	39150	39575	
15MHz	QPSK	1	0	22.51	22.67	22.47	24.00
		1	38	22.45	22.45	22.52	24.00
		1	74	22.59	22.46	22.36	24.00
		36	0	22.04	21.95	21.91	23.00
		36	18	21.96	21.95	21.96	23.00
		36	39	21.92	22.03	21.89	23.00
		75	0	22.01	21.92	21.94	23.00
	16QAM	1	0	21.96	22.34	22.16	23.00
		1	38	22.26	21.98	22.03	23.00
		1	74	22.04	21.91	21.95	23.00
		36	0	21.01	21.02	20.91	22.00
		36	18	21.10	20.90	20.90	22.00
		36	39	21.10	20.92	20.88	22.00
		75	0	21.04	20.96	20.87	22.00
	64QAM	1	0	21.41	21.24	21.31	22.00
		1	38	21.25	21.19	21.31	22.00
		1	74	21.39	21.35	21.23	22.00
		36	0	20.31	20.27	20.22	21.00
		36	18	20.41	20.24	20.31	21.00
		36	39	20.25	20.19	20.31	21.00
		75	0	20.39	20.35	20.23	21.00
	256QAM	1	0	19.01	18.97	18.92	20.00
		1	38	19.11	18.94	19.01	20.00
		1	74	18.95	18.89	19.01	20.00
		36	0	19.01	18.97	18.92	20.00
		36	18	19.11	18.94	19.01	20.00
		36	39	18.95	18.89	19.01	20.00
		75	0	19.09	19.05	18.93	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	<b>22.69</b>	<b>22.79</b>	22.56	24.00
		1	50	22.55	22.56	<b>22.58</b>	24.00
		1	99	22.61	22.62	22.52	24.00
		50	0	22.07	22.11	22.03	23.00
		50	25	22.11	22.06	22.00	23.00
		50	50	22.10	22.07	22.01	23.00
		100	0	22.11	22.03	22.00	23.00
	16QAM	1	0	22.14	22.42	22.26	23.00
		1	50	22.43	22.18	22.17	23.00
		1	99	22.06	22.06	22.15	23.00
		50	0	21.08	21.09	21.04	22.00
		50	25	21.12	21.01	21.01	22.00
		50	50	21.13	21.08	21.05	22.00
		100	0	21.11	21.07	21.02	22.00
	64QAM	1	0	21.21	21.04	21.11	22.00
		1	50	21.05	20.99	21.11	22.00
		1	99	21.19	21.15	21.03	22.00
		50	0	20.11	20.07	20.02	21.00
		50	25	20.21	20.04	20.11	21.00
		50	50	20.21	20.04	20.11	21.00

		50	50	20.05	19.99	20.11	21.00
		100	0	20.19	20.15	20.03	21.00
	256QAM	1	0	18.81	18.77	18.72	20.00
		1	50	18.91	18.74	18.81	20.00
		1	99	18.75	18.69	18.81	20.00
		50	0	18.81	18.77	18.72	20.00
		50	25	18.91	18.74	18.81	20.00
		50	50	18.75	18.69	18.81	20.00
		100	0	18.89	18.85	18.73	20.00

LTE Band 40 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	21.54	21.67	21.57	22.50
		1	13	21.59	21.51	21.48	22.50
		1	24	21.50	21.55	21.58	22.50
		12	0	21.43	21.41	21.46	22.50
		12	6	21.56	21.57	21.52	22.50
		12	13	21.39	21.42	21.51	22.50
		25	0	21.50	21.35	21.56	22.50
	16QAM	1	0	21.68	21.42	21.53	22.50
		1	13	21.53	21.67	21.79	22.50
		1	24	21.37	21.68	21.43	22.50
		12	0	21.00	20.89	21.01	22.00
		12	6	21.03	20.96	20.84	22.00
		12	13	21.07	20.92	20.94	22.00
		25	0	20.98	20.91	20.97	22.00
	64QAM	1	0	21.41	21.24	21.31	22.00
		1	13	21.25	21.19	21.31	22.00
		1	24	21.39	21.35	21.23	22.00
		12	0	20.31	20.27	20.22	21.00
		12	6	20.41	20.24	20.31	21.00
		12	13	20.25	20.19	20.31	21.00
		25	0	20.39	20.35	20.23	21.00
	256QAM	1	0	19.01	18.97	18.92	20.00
		1	13	19.11	18.94	19.01	20.00
		1	24	18.95	18.89	19.01	20.00
12		0	19.01	18.97	18.92	20.00	
12		6	19.11	18.94	19.01	20.00	
12		13	18.95	18.89	19.01	20.00	
25		0	19.09	19.05	18.93	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			38700	39150	39600	
		1	0	21.68	21.71	21.63	22.50
		1	25	21.57	21.54	21.38	22.50
		1	49	21.56	21.54	21.43	22.50
		25	0	21.42	21.58	21.49	22.50
		25	13	21.66	21.59	21.50	22.50
		25	25	21.49	21.48	21.60	22.50
		50	0	21.47	21.55	21.53	22.50

	16QAM	1	0	21.57	21.32	21.41	22.50		
		1	25	21.57	21.59	21.57	22.50		
		1	49	21.43	21.66	21.50	22.50		
		25	0	20.94	20.90	20.87	22.00		
		25	13	20.97	20.90	20.97	22.00		
		25	25	20.94	20.88	20.86	22.00		
	64QAM	50	0	21.04	20.90	20.87	22.00		
		1	0	21.41	21.24	21.31	22.00		
		1	25	21.25	21.19	21.31	22.00		
		1	49	21.39	21.35	21.23	22.00		
		25	0	20.31	20.27	20.22	21.00		
		25	13	20.41	20.24	20.31	21.00		
	256QAM	25	25	20.25	20.19	20.31	21.00		
		50	0	20.39	20.35	20.23	21.00		
		1	0	19.01	18.97	18.92	20.00		
		1	25	19.11	18.94	19.01	20.00		
		1	49	18.95	18.89	19.01	20.00		
		25	0	19.01	18.97	18.92	20.00		
			25	13	19.11	18.94	19.01	20.00	
			25	25	18.95	18.89	19.01	20.00	
			50	0	19.09	19.05	18.93	20.00	
<b>Bandwidth</b>			<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
						38725	39150	39575	
15MHz	QPSK	1	0	21.73	21.64	21.53	22.50		
		1	38	21.58	21.35	21.41	22.50		
		1	74	21.45	21.57	21.63	22.50		
		36	0	21.50	21.41	21.55	22.50		
		36	18	21.69	21.54	21.40	22.50		
		36	39	21.45	21.63	21.62	22.50		
		75	0	21.47	21.45	21.54	22.50		
	16QAM	1	0	21.54	21.43	21.66	22.50		
		1	38	21.46	21.63	21.63	22.50		
		1	74	21.51	21.64	21.27	22.50		
		36	0	21.01	21.02	20.91	22.00		
		36	18	21.10	20.90	20.90	22.00		
		36	39	21.10	20.92	20.88	22.00		
		75	0	21.04	20.96	20.87	22.00		
	64QAM	1	0	21.41	21.24	21.31	22.00		
		1	38	21.25	21.19	21.31	22.00		
		1	74	21.39	21.35	21.23	22.00		
		36	0	20.31	20.27	20.22	21.00		
		36	18	20.41	20.24	20.31	21.00		
		36	39	20.25	20.19	20.31	21.00		
		75	0	20.39	20.35	20.23	21.00		
	256QAM	1	0	19.01	18.97	18.92	20.00		
		1	38	19.11	18.94	19.01	20.00		
		1	74	18.95	18.89	19.01	20.00		
		36	0	19.01	18.97	18.92	20.00		
		36	18	19.11	18.94	19.01	20.00		
		36	39	18.95	18.89	19.01	20.00		
75		0	19.09	19.05	18.93	20.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	21.69	21.72	21.54	22.50
		1	50	21.56	21.48	21.51	22.50
		1	99	21.51	21.50	21.55	22.50
		50	0	21.57	21.56	21.51	22.50
		50	25	21.59	21.52	21.49	22.50
		50	50	21.53	21.54	21.54	22.50
		100	0	21.58	21.50	21.49	22.50
	16QAM	1	0	21.63	21.44	21.56	22.50
		1	50	21.59	21.64	21.71	22.50
		1	99	21.47	21.60	21.40	22.50
		50	0	21.08	21.09	21.04	22.00
		50	25	21.12	21.01	21.01	22.00
		50	50	21.13	21.08	21.05	22.00
		100	0	21.11	21.07	21.02	22.00
	64QAM	1	0	21.21	21.04	21.11	22.00
		1	50	21.05	20.99	21.11	22.00
		1	99	21.19	21.15	21.03	22.00
		50	0	20.11	20.07	20.02	21.00
		50	25	20.21	20.04	20.11	21.00
		50	50	20.05	19.99	20.11	21.00
		100	0	20.19	20.15	20.03	21.00
	256QAM	1	0	18.81	18.77	18.72	20.00
		1	50	18.91	18.74	18.81	20.00
		1	99	18.75	18.69	18.81	20.00
		50	0	18.81	18.77	18.72	20.00
		50	25	18.91	18.74	18.81	20.00
		50	50	18.75	18.69	18.81	20.00
		100	0	18.89	18.85	18.73	20.00

LTE Band 41 Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				39675	40620	41565	
5MHz	QPSK	1	0	22.76	22.63	22.44	24.00
		1	13	22.61	22.76	22.33	24.00
		1	24	22.79	22.58	22.29	24.00
		12	0	22.16	22.13	21.98	23.00
		12	6	22.27	22.25	21.90	23.00
		12	13	22.33	22.20	21.94	23.00
		25	0	22.25	22.27	21.80	23.00
	16QAM	1	0	22.14	22.47	22.09	23.00
		1	13	22.39	22.22	21.82	23.00
		1	24	22.21	22.35	22.01	23.00
		12	0	21.15	21.27	20.87	22.00
		12	6	21.24	21.20	20.87	22.00
		12	13	21.21	21.17	20.94	22.00
		25	0	21.19	21.34	21.01	22.00
	64QAM	1	0	21.46	21.57	21.29	22.00
		1	13	21.53	21.57	21.25	22.00

		1	24	21.59	21.52	21.26	22.00
		12	0	20.34	20.39	20.10	21.00
		12	6	20.49	20.50	20.23	21.00
		12	13	20.52	20.53	20.20	21.00
		25	0	20.50	20.50	20.14	21.00
	256QAM	1	0	19.09	19.14	18.82	20.00
		1	13	19.16	19.19	18.99	20.00
		1	24	19.26	19.25	18.97	20.00
		12	0	19.11	19.11	18.68	20.00
		12	6	19.22	19.11	18.89	20.00
		12	13	19.32	19.20	18.98	20.00
		25	0	19.33	19.25	18.96	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39700	40620	41540	
<b>10MHz</b>	QPSK	1	0	22.63	22.62	22.61	24.00
		1	25	22.58	22.76	22.43	24.00
		1	49	22.76	22.68	22.25	24.00
		25	0	22.23	22.28	21.87	23.00
		25	13	22.34	22.19	21.87	23.00
		25	25	22.34	22.23	21.93	23.00
		50	0	22.18	22.23	21.83	23.00
	16QAM	1	0	22.21	22.37	22.17	23.00
		1	25	22.46	22.29	21.91	23.00
		1	49	22.14	22.23	22.02	23.00
		25	0	21.28	21.20	20.97	22.00
		25	13	21.38	21.27	20.96	22.00
		25	25	21.29	21.17	20.91	22.00
		50	0	21.28	21.28	20.95	22.00
	64QAM	1	0	21.55	21.45	21.35	22.00
		1	25	21.58	21.48	21.15	22.00
		1	49	21.47	21.48	21.22	22.00
		25	0	20.40	20.42	20.04	21.00
		25	13	20.53	20.42	20.33	21.00
		25	25	20.67	20.60	20.11	21.00
		50	0	20.58	20.48	20.26	21.00
	256QAM	1	0	19.08	19.02	18.70	20.00
		1	25	19.28	19.17	18.94	20.00
		1	49	19.39	19.34	18.98	20.00
		25	0	19.10	18.99	18.65	20.00
		25	13	19.32	19.27	19.01	20.00
		25	25	19.24	19.29	18.84	20.00
		50	0	19.20	19.20	18.86	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39725	40620	41515	
<b>15MHz</b>	QPSK	1	0	22.61	22.71	22.47	24.00
		1	38	22.76	22.79	22.42	24.00
		1	74	22.72	22.73	22.34	24.00
		36	0	22.30	22.22	21.85	23.00
		36	18	22.33	22.33	21.87	23.00
		36	39	22.23	22.21	21.97	23.00
		75	0	22.30	22.16	21.81	23.00



	16QAM	1	0	22.23	22.34	22.10	23.00
		1	38	22.34	22.21	21.95	23.00
		1	74	22.09	22.28	22.01	23.00
		36	0	21.33	21.20	20.93	22.00
		36	18	21.29	21.22	20.98	22.00
		36	39	21.26	21.17	20.95	22.00
		75	0	21.17	21.24	20.83	22.00
	64QAM	1	0	21.60	21.53	21.26	22.00
		1	38	21.59	21.61	21.29	22.00
		1	74	21.59	21.57	21.19	22.00
		36	0	20.36	20.44	20.07	21.00
		36	18	20.59	20.46	20.23	21.00
		36	39	20.61	20.68	20.28	21.00
		75	0	20.58	20.59	20.32	21.00
	256QAM	1	0	19.14	19.13	18.72	20.00
		1	38	19.29	19.30	18.99	20.00
		1	74	19.20	19.30	19.01	20.00
		36	0	19.04	19.08	18.71	20.00
		36	18	19.35	19.23	19.03	20.00
		36	39	19.40	19.19	18.89	20.00
		75	0	19.32	19.21	18.82	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39750	<b>Channel</b> 40620	<b>Channel</b> 41490	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	22.80	22.82	<b>22.64</b>	24.00
		1	50	22.78	<b>22.86</b>	22.45	24.00
		1	99	<b>22.87</b>	22.75	22.39	24.00
		50	0	22.32	22.33	22.04	23.00
		50	25	22.37	22.35	21.99	23.00
		50	50	22.36	22.36	22.03	23.00
		100	0	22.37	22.35	21.99	23.00
	16QAM	1	0	22.32	22.50	22.27	23.00
		1	50	22.53	22.34	22.00	23.00
		1	99	22.26	22.41	22.06	23.00
		50	0	21.35	21.31	21.05	22.00
		50	25	21.40	21.38	21.01	22.00
		50	50	21.35	21.35	21.02	22.00
		100	0	21.37	21.36	21.03	22.00
	64QAM	1	0	21.55	21.51	21.25	22.00
		1	50	21.60	21.58	21.21	22.00
		1	99	21.55	21.55	21.22	22.00
		50	0	20.37	20.36	20.03	21.00
		50	25	20.55	20.51	20.25	21.00
		50	50	20.60	20.58	20.21	21.00
		100	0	20.55	20.55	20.22	21.00
	256QAM	1	0	19.07	19.06	18.73	20.00
		1	50	19.25	19.21	18.95	20.00
		1	99	19.30	19.28	18.91	20.00
		50	0	19.07	19.06	18.73	20.00
		50	25	19.25	19.21	18.95	20.00
		50	50	19.30	19.28	18.91	20.00
100		0	19.25	19.25	18.92	20.00	

LTE Band 41 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				39675	40620	41565	
5MHz	QPSK	1	0	22.36	22.40	22.12	23.00
		1	13	22.24	22.31	21.93	23.00
		1	24	22.11	22.29	21.84	23.00
		12	0	22.16	22.13	21.98	23.00
		12	6	22.27	22.25	21.90	23.00
		12	13	22.33	22.20	21.94	23.00
		25	0	22.25	22.27	21.80	23.00
	16QAM	1	0	22.14	22.47	22.09	23.00
		1	13	22.39	22.22	21.82	23.00
		1	24	22.21	22.35	22.01	23.00
		12	0	21.15	21.27	20.87	22.00
		12	6	21.24	21.20	20.87	22.00
		12	13	21.21	21.17	20.94	22.00
		25	0	21.19	21.34	21.01	22.00
	64QAM	1	0	21.46	21.57	21.29	22.00
		1	13	21.53	21.57	21.25	22.00
		1	24	21.59	21.52	21.26	22.00
		12	0	20.34	20.39	20.10	21.00
		12	6	20.49	20.50	20.23	21.00
		12	13	20.52	20.53	20.20	21.00
		25	0	20.50	20.50	20.14	21.00
	256QAM	1	0	19.09	19.14	18.82	20.00
		1	13	19.16	19.19	18.99	20.00
		1	24	19.26	19.25	18.97	20.00
		12	0	19.11	19.11	18.68	20.00
		12	6	19.22	19.11	18.89	20.00
		12	13	19.32	19.20	18.98	20.00
		25	0	19.33	19.25	18.96	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				39700	40620	41540	
10MHz	QPSK	1	0	22.32	22.17	22.09	23.00
		1	25	22.21	22.17	21.99	23.00
		1	49	22.19	22.13	22.01	23.00
		25	0	22.23	22.28	21.87	23.00
		25	13	22.34	22.19	21.87	23.00
		25	25	22.34	22.23	21.93	23.00
		50	0	22.18	22.23	21.83	23.00
	16QAM	1	0	22.21	22.37	22.17	23.00
		1	25	22.46	22.29	21.91	23.00
		1	49	22.14	22.23	22.02	23.00
		25	0	21.28	21.20	20.97	22.00
		25	13	21.38	21.27	20.96	22.00
		25	25	21.29	21.17	20.91	22.00
		50	0	21.28	21.28	20.95	22.00
	64QAM	1	0	21.55	21.45	21.35	22.00
1		25	21.58	21.48	21.15	22.00	

		1	49	21.47	21.48	21.22	22.00
		25	0	20.40	20.42	20.04	21.00
		25	13	20.53	20.42	20.33	21.00
		25	25	20.67	20.60	20.11	21.00
		50	0	20.58	20.48	20.26	21.00
	256QAM	1	0	19.08	19.02	18.70	20.00
		1	25	19.28	19.17	18.94	20.00
		1	49	19.39	19.34	18.98	20.00
		25	0	19.10	18.99	18.65	20.00
		25	13	19.32	19.27	19.01	20.00
		25	25	19.24	19.29	18.84	20.00
		50	0	19.20	19.20	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				39725	40620	41515	
15MHz	QPSK	1	0	22.26	22.32	21.96	23.00
		1	38	22.22	22.33	22.02	23.00
		1	74	22.15	22.23	21.83	23.00
		36	0	22.30	22.22	21.85	23.00
		36	18	22.33	22.33	21.87	23.00
		36	39	22.23	22.21	21.97	23.00
	16QAM	75	0	22.30	22.16	21.81	23.00
		1	0	22.23	22.34	22.10	23.00
		1	38	22.34	22.21	21.95	23.00
		1	74	22.09	22.28	22.01	23.00
		36	0	21.33	21.20	20.93	22.00
		36	18	21.29	21.22	20.98	22.00
	64QAM	36	39	21.26	21.17	20.95	22.00
		75	0	21.17	21.24	20.83	22.00
		1	0	21.60	21.53	21.26	22.00
		1	38	21.59	21.61	21.29	22.00
		1	74	21.59	21.57	21.19	22.00
		36	0	20.36	20.44	20.07	21.00
	256QAM	36	18	20.59	20.46	20.23	21.00
		36	39	20.61	20.68	20.28	21.00
		75	0	20.58	20.59	20.32	21.00
		1	0	19.14	19.13	18.72	20.00
		1	38	19.29	19.30	18.99	20.00
		1	74	19.20	19.30	19.01	20.00
		36	0	19.04	19.08	18.71	20.00
		36	18	19.35	19.23	19.03	20.00
		36	39	19.40	19.19	18.89	20.00
		75	0	19.32	19.21	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				39750	40620	41490	
20MHz	QPSK	1	0	<b>22.28</b>	<b>22.32</b>	<b>22.04</b>	23.00
		1	50	22.27	22.27	21.92	23.00
		1	99	22.25	22.28	21.94	23.00
		50	0	22.32	22.33	22.04	23.00
		50	25	22.37	22.35	21.99	23.00
		50	50	22.36	22.36	22.03	23.00
		100	0	22.37	22.35	21.99	23.00

	16QAM	1	0	22.32	22.45	22.27	23.00
		1	50	22.45	22.34	22.00	23.00
		1	99	22.26	22.41	22.06	23.00
		50	0	21.35	21.31	21.05	22.00
		50	25	21.40	21.38	21.01	22.00
		50	50	21.35	21.35	21.02	22.00
		100	0	21.37	21.36	21.03	22.00
	64QAM	1	0	21.55	21.51	21.25	22.00
		1	50	21.60	21.58	21.21	22.00
		1	99	21.55	21.55	21.22	22.00
		50	0	20.37	20.36	20.03	21.00
		50	25	20.55	20.51	20.25	21.00
		50	50	20.60	20.58	20.21	21.00
		100	0	20.55	20.55	20.22	21.00
	256QAM	1	0	19.07	19.06	18.73	20.00
		1	50	19.25	19.21	18.95	20.00
		1	99	19.30	19.28	18.91	20.00
		50	0	19.07	19.06	18.73	20.00
		50	25	19.25	19.21	18.95	20.00
		50	50	19.30	19.28	18.91	20.00
		100	0	19.25	19.25	18.92	20.00

## 6 Conducted Power of ENDC\_LTE Antenna(Ant0)

### 6.1 Conducted Power of LTE

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.95	23.05	23.06	24.50
		1	2	22.84	22.98	22.93	24.50
		1	5	22.90	23.11	22.97	24.50
		3	0	22.28	22.46	22.25	23.50
		3	2	22.37	22.36	22.08	23.50
		3	3	22.46	22.51	22.26	23.50
		6	0	22.28	22.36	22.38	23.50
	16QAM	1	0	22.62	22.75	22.76	23.50
		1	2	22.60	22.71	22.42	23.50
		1	5	22.65	22.67	22.50	23.50
		3	0	21.46	21.16	21.29	22.50
		3	2	21.37	21.50	21.37	22.50
		3	3	21.29	21.32	21.29	22.50
		6	0	21.17	21.49	21.44	22.50
	64QAM	1	0	21.24	21.22	21.29	22.50
		1	2	21.33	21.58	21.46	22.50
		1	5	21.35	21.39	21.54	22.50
		3	0	20.36	20.48	20.14	21.50
		3	2	20.45	20.44	20.59	21.50
		3	3	20.38	20.44	20.37	21.50

		6	0	20.41	20.40	20.32	21.50
	256QAM	1	0	18.38	18.23	17.99	19.50
		1	2	17.93	18.21	18.16	19.50
		1	5	18.12	18.39	18.10	19.50
		3	0	18.35	18.24	18.30	19.50
		3	2	18.54	18.29	18.18	19.50
		3	3	18.32	18.45	18.19	19.50
		6	0	18.31	18.34	18.29	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.02	23.00	23.06	24.50
		1	7	22.85	23.09	22.89	24.50
		1	14	22.89	23.00	22.88	24.50
		8	0	22.40	22.52	22.25	23.50
		8	4	22.42	22.39	22.10	23.50
		8	7	22.31	22.46	22.29	23.50
		15	0	22.16	22.48	22.40	23.50
	16QAM	1	0	22.67	22.85	22.73	23.50
		1	7	22.52	22.60	22.57	23.50
		1	14	22.76	22.64	22.55	23.50
		8	0	21.42	21.16	21.24	22.50
		8	4	21.37	21.62	21.40	22.50
		8	7	21.29	21.29	21.30	22.50
		15	0	21.29	21.46	21.37	22.50
	64QAM	1	0	21.23	21.22	21.20	22.50
		1	7	21.34	21.49	21.55	22.50
		1	14	21.39	21.43	21.66	22.50
		8	0	20.40	20.56	20.05	21.50
		8	4	20.65	20.59	20.45	21.50
		8	7	20.37	20.40	20.38	21.50
		15	0	20.34	20.38	20.39	21.50
	256QAM	1	0	18.36	18.06	17.94	19.50
		1	7	18.20	18.32	18.13	19.50
		1	14	18.13	18.27	18.23	19.50
		8	0	18.33	18.25	18.22	19.50
		8	4	18.57	18.43	18.17	19.50
		8	7	18.37	18.33	18.24	19.50
		15	0	18.30	18.37	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.22	23.12	22.99	24.50
		1	13	22.96	22.83	22.78	24.50
		1	24	22.93	22.89	22.92	24.50
		12	0	22.24	22.42	22.25	23.50
		12	6	22.27	22.32	22.25	23.50
		12	13	22.27	22.56	22.47	23.50
		25	0	22.23	22.37	22.15	23.50
	16QAM	1	0	22.57	22.62	22.49	23.50
		1	13	22.27	22.54	22.49	23.50

		1	24	22.62	22.61	22.45	23.50
		12	0	21.15	21.15	21.20	22.50
		12	6	21.47	21.40	21.46	22.50
		12	13	21.20	21.50	21.28	22.50
		25	0	21.24	21.35	21.29	22.50
	64QAM	1	0	21.31	21.24	21.32	22.50
		1	13	21.59	21.49	21.32	22.50
		1	24	21.41	21.58	21.63	22.50
		12	0	20.36	20.40	20.06	21.50
		12	6	20.52	20.57	20.26	21.50
	256QAM	12	13	20.33	20.53	20.34	21.50
		25	0	20.37	20.33	20.55	21.50
		1	0	18.10	18.39	18.01	19.50
		1	13	18.15	18.16	18.19	19.50
		1	24	18.09	18.33	18.16	19.50
		12	0	18.28	18.22	18.22	19.50
		12	6	18.32	18.41	18.26	19.50
		12	13	18.41	18.44	18.24	19.50
		25	0	18.32	18.35	18.28	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	23.08	23.14	23.17	24.50
		1	25	23.00	23.12	23.00	24.50
		1	49	23.04	23.15	23.12	24.50
		25	0	22.46	22.59	22.50	23.50
		25	13	22.50	22.44	22.29	23.50
		25	25	22.56	22.56	22.41	23.50
		50	0	22.38	22.57	22.51	23.50
	16QAM	1	0	22.76	22.87	22.80	23.50
		1	25	22.65	22.74	22.68	23.50
		1	49	22.77	22.69	22.71	23.50
		25	0	21.54	21.35	21.39	22.50
		25	13	21.51	21.69	21.50	22.50
		25	25	21.49	21.45	21.47	22.50
		50	0	21.45	21.55	21.49	22.50
	64QAM	1	0	21.41	21.41	21.42	22.50
		1	25	21.49	21.63	21.58	22.50
		1	49	21.52	21.61	21.67	22.50
		25	0	20.52	20.66	20.35	21.50
		25	13	20.66	20.69	20.60	21.50
		25	25	20.53	20.59	20.45	21.50
		50	0	20.51	20.52	20.42	21.50
	256QAM	1	0	18.39	18.28	18.15	19.50
		1	25	18.23	18.32	18.19	19.50
		1	49	18.29	18.45	18.33	19.50
		25	0	18.52	18.51	18.39	19.50
		25	13	18.63	18.47	18.33	19.50
		25	25	18.56	18.53	18.43	19.50
		50	0	18.41	18.45	18.33	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	23.24	23.21	23.10	24.50	
		1	38	23.12	23.03	22.92	24.50	
		1	74	23.13	23.12	23.08	24.50	
		36	0	22.48	22.61	22.44	23.50	
		36	18	22.39	22.46	22.42	23.50	
		36	39	22.46	22.63	22.49	23.50	
		75	0	22.47	22.55	22.43	23.50	
	16QAM	1	0	22.79	22.81	22.70	23.50	
		1	38	22.47	22.72	22.63	23.50	
		1	74	22.75	22.79	22.65	23.50	
		36	0	21.45	21.43	21.38	22.50	
		36	18	21.57	21.59	21.59	22.50	
		36	39	21.40	21.58	21.49	22.50	
		75	0	21.47	21.55	21.45	22.50	
	64QAM	1	0	21.44	21.45	21.47	22.50	
		1	38	21.64	21.63	21.51	22.50	
		1	74	21.70	21.73	21.65	22.50	
		36	0	20.53	20.49	20.33	21.50	
		36	18	20.54	20.65	20.46	21.50	
		36	39	20.54	20.58	20.57	21.50	
		75	0	20.62	20.44	20.62	21.50	
	256QAM	1	0	18.28	18.39	18.17	19.50	
		1	38	18.28	18.28	18.27	19.50	
		1	74	18.23	18.43	18.32	19.50	
		36	0	18.54	18.44	18.35	19.50	
		36	18	18.57	18.58	18.40	19.50	
		36	39	18.49	18.57	18.53	19.50	
		75	0	18.47	18.57	18.36	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	23.32	23.33	23.31	24.50
1			50	23.26	23.28	23.17	24.50	
1			99	23.21	23.30	23.19	24.50	
50			0	22.60	22.74	22.60	23.50	
50			25	22.58	22.65	22.54	23.50	
50			50	22.67	22.73	22.56	23.50	
100			0	22.65	22.73	22.59	23.50	
16QAM		1	0	22.92	22.98	22.87	23.50	
		1	50	22.76	22.86	22.75	23.50	
		1	99	22.90	22.92	22.82	23.50	
		50	0	21.58	21.59	21.51	22.50	
		50	25	21.66	21.76	21.67	22.50	
		50	50	21.63	21.67	21.57	22.50	
		100	0	21.68	21.75	21.60	22.50	
64QAM		1	0	21.63	21.67	21.56	22.50	
		1	50	21.71	21.75	21.62	22.50	
		1	99	21.75	21.81	21.70	22.50	

		50	0	20.65	20.71	20.55	21.50
		50	25	20.74	20.81	20.69	21.50
		50	50	20.71	20.74	20.60	21.50
		100	0	20.72	20.73	20.64	21.50
	256QAM	1	0	18.40	18.43	18.35	19.50
		1	50	18.40	18.47	18.35	19.50
		1	99	18.46	18.56	18.48	19.50
		50	0	18.61	18.67	18.52	19.50
		50	25	18.68	18.72	18.55	19.50
		50	50	18.66	18.73	18.56	19.50
		100	0	18.65	18.66	18.49	19.50

LTE Band 4 Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	20.15	20.11	20.15	21.50	
		1	2	19.73	19.97	20.06	21.50	
		1	5	19.79	20.21	19.89	21.50	
		3	0	18.99	19.33	19.08	21.50	
		3	2	19.52	19.41	19.00	21.50	
		3	3	19.65	19.61	19.30	21.50	
	16QAM	1	0	19.39	19.48	19.78	21.50	
		1	2	19.68	19.49	19.18	21.50	
		1	5	19.44	19.58	19.61	21.50	
		3	0	19.59	18.99	19.48	21.50	
		3	2	19.21	19.22	19.54	21.50	
		3	3	19.22	19.05	19.26	21.50	
	64QAM	1	0	19.30	19.06	19.01	21.50	
		1	2	19.27	19.61	19.39	21.50	
		1	5	19.28	19.54	19.52	21.50	
		3	0	19.06	19.59	19.17	21.50	
		3	2	19.38	19.39	19.79	21.50	
		3	3	19.12	19.31	19.22	21.50	
	256QAM	1	0	18.25	18.08	17.83	19.50	
		1	2	17.85	18.01	17.96	19.50	
		1	5	17.92	18.19	17.93	19.50	
		3	0	18.20	18.13	18.16	19.50	
		3	2	18.39	18.16	18.03	19.50	
		3	3	18.18	18.36	17.97	19.50	
			6	0	18.17	18.26	18.20	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	19.86	20.17	19.91	21.50
			1	7	19.74	20.17	19.88	21.50



		1	14	19.85	20.12	19.95	21.50
		8	0	19.48	19.42	19.33	21.50
		8	4	19.45	19.27	19.24	21.50
		8	7	19.03	19.20	19.37	21.50
		15	0	19.30	19.64	19.11	21.50
	16QAM	1	0	19.53	19.63	19.45	21.50
		1	7	19.72	19.33	19.64	21.50
		1	14	19.78	19.54	19.39	21.50
		8	0	19.38	18.99	19.19	21.50
		8	4	19.27	19.61	19.33	21.50
		8	7	19.21	19.26	19.49	21.50
	64QAM	15	0	18.99	19.54	19.57	21.50
		1	0	19.19	19.08	19.32	21.50
		1	7	19.23	19.59	19.30	21.50
		1	14	19.46	19.25	19.74	21.50
		8	0	19.60	19.43	18.79	21.50
		8	4	19.64	19.48	19.24	21.50
	256QAM	8	7	19.55	19.55	19.08	21.50
		15	0	19.47	19.31	19.47	21.50
		1	0	18.26	17.84	17.74	19.50
		1	7	18.05	18.18	17.98	19.50
1		14	17.93	18.16	18.02	19.50	
8		0	18.14	18.10	18.06	19.50	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
<b>5MHz</b>	QPSK	1	0	20.28	19.96	19.97	21.50
		1	13	19.86	19.97	19.97	21.50
		1	24	19.69	19.93	19.85	21.50
		12	0	19.08	19.15	19.05	21.50
		12	6	19.31	19.07	19.24	21.50
		12	13	19.32	19.41	19.23	21.50
		25	0	18.94	19.51	19.17	21.50
	16QAM	1	0	19.33	19.77	19.59	21.50
		1	13	19.33	19.36	19.29	21.50
		1	24	19.59	19.52	19.60	21.50
		12	0	19.08	19.08	19.04	21.50
		12	6	19.18	19.18	19.51	21.50
		12	13	19.17	19.46	19.07	21.50
		25	0	19.18	19.18	19.37	21.50
	64QAM	1	0	19.40	19.03	19.25	21.50
		1	13	19.63	19.47	19.29	21.50
		1	24	19.45	19.47	19.71	21.50
		12	0	19.48	19.12	19.11	21.50
		12	6	19.49	19.33	19.01	21.50
		12	13	19.03	19.58	19.36	21.50
		25	0	19.38	19.07	19.53	21.50

		1	0	17.93	18.25	17.86	19.50	
		1	13	17.99	18.06	18.09	19.50	
		1	24	17.94	18.15	17.96	19.50	
	256QAM	12	0	18.16	18.06	18.12	19.50	
		12	6	18.10	18.27	18.17	19.50	
		12	13	18.22	18.30	18.07	19.50	
		25	0	18.23	18.25	18.14	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	19.95	20.11	20.06	21.50	
		1	25	19.89	20.21	19.73	21.50	
		1	49	19.90	20.12	20.19	21.50	
		25	0	19.23	19.29	19.22	21.50	
		25	13	19.30	19.45	18.99	21.50	
		25	25	19.54	19.36	19.25	21.50	
		50	0	19.55	19.57	19.50	21.50	
	16QAM	1	0	19.76	19.93	19.80	21.50	
		1	25	19.43	19.52	19.59	21.50	
		1	49	19.79	19.45	19.42	21.50	
		25	0	19.67	19.38	19.35	21.50	
		25	13	19.56	19.47	19.60	21.50	
		25	25	19.66	19.42	19.65	21.50	
		50	0	19.46	19.25	19.68	21.50	
	64QAM	1	0	19.50	19.15	19.51	21.50	
		1	25	19.66	19.42	19.37	21.50	
		1	49	19.34	19.80	19.39	21.50	
		25	0	19.52	19.60	19.13	21.50	
		25	13	19.42	19.43	19.34	21.50	
		25	25	19.55	19.61	19.65	21.50	
		50	0	19.22	19.72	19.53	21.50	
	256QAM	1	0	18.18	18.07	18.01	19.50	
		1	25	18.01	18.19	18.11	19.50	
		1	49	18.11	18.30	18.20	19.50	
		25	0	18.44	18.29	18.16	19.50	
		25	13	18.46	18.25	18.19	19.50	
		25	25	18.42	18.32	18.28	19.50	
		50	0	18.20	18.26	18.25	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	19.97	19.91	20.20	21.50
			1	38	20.03	19.91	19.91	21.50
			1	74	20.32	20.06	20.21	21.50
			36	0	19.23	19.32	19.62	21.50
			36	18	19.20	19.22	19.22	21.50
			36	39	19.20	19.55	19.62	21.50
75			0	19.19	19.74	19.60	21.50	
16QAM		1	0	19.64	19.66	19.50	21.50	
		1	38	19.42	19.65	19.78	21.50	
		1	74	19.64	19.61	19.47	21.50	

		36	0	19.39	19.61	19.51	21.50	
		36	18	19.48	19.37	19.66	21.50	
		36	39	19.52	19.59	19.45	21.50	
		75	0	19.41	19.61	19.18	21.50	
	64QAM	1	0	19.50	19.34	19.27	21.50	
		1	38	19.75	19.36	19.70	21.50	
		1	74	19.88	19.46	19.69	21.50	
		36	0	19.46	19.26	19.41	21.50	
		36	18	19.26	19.39	19.46	21.50	
		36	39	19.35	19.58	19.75	21.50	
	256QAM	75	0	19.66	19.19	19.36	21.50	
		1	0	18.07	18.21	18.07	19.50	
		1	38	18.12	18.09	18.15	19.50	
		1	74	18.15	18.34	18.09	19.50	
		36	0	18.38	18.22	18.24	19.50	
		36	18	18.35	18.37	18.29	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	20.13	20.43	20.05	21.50	
		1	50	20.08	20.06	20.37	21.50	
		1	99	20.05	20.25	20.36	21.50	
		50	0	19.73	19.89	19.30	21.50	
		50	25	19.33	19.66	19.68	21.50	
		50	50	19.39	19.67	19.27	21.50	
		100	0	19.64	19.66	19.54	21.50	
	16QAM	1	0	19.79	20.07	19.74	21.50	
		1	50	19.92	19.65	19.56	21.50	
		1	99	19.97	19.91	19.61	21.50	
		50	0	19.55	19.60	19.55	21.50	
		50	25	19.51	19.92	19.46	21.50	
		50	50	19.80	19.58	19.64	21.50	
		100	0	19.75	19.68	19.65	21.50	
	64QAM	1	0	19.80	19.48	19.54	21.50	
		1	50	19.54	19.53	19.74	21.50	
		1	99	19.52	19.63	19.43	21.50	
		50	0	19.67	19.45	19.38	21.50	
		50	25	19.55	19.85	19.80	21.50	
		50	50	19.90	19.92	19.34	21.50	
		100	0	19.47	19.52	19.67	21.50	
	256QAM	1	0	18.28	18.23	18.17	19.50	
		1	50	18.21	18.29	18.22	19.50	
		1	99	18.28	18.35	18.40	19.50	
		50	0	18.38	18.49	18.38	19.50	
		50	25	18.57	18.50	18.39	19.50	
		50	50	18.53	18.64	18.36	19.50	
		100	0	18.47	18.56	18.35	19.50	

LTE Band 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	22.55	22.22	22.05	23.00	
		1	13	22.01	22.23	21.76	23.00	
		1	24	22.14	22.20	22.34	23.00	
		12	0	21.15	21.21	21.26	22.00	
		12	6	21.14	21.34	20.93	22.00	
		12	13	21.32	21.27	21.12	22.00	
	16QAM	25	0	21.15	21.13	21.10	22.00	
		1	0	21.29	21.31	21.52	22.00	
		1	13	21.09	21.39	21.03	22.00	
		1	24	21.07	21.23	21.17	22.00	
		12	0	20.32	20.33	20.21	21.00	
		12	6	20.51	20.41	20.32	21.00	
	64QAM	12	13	20.52	20.33	20.48	21.00	
		25	0	20.22	20.40	20.39	21.00	
		1	0	19.88	20.18	19.90	21.00	
		1	13	19.79	20.04	19.94	21.00	
		1	24	20.01	20.27	19.97	21.00	
		12	0	19.34	19.48	19.26	20.00	
	256QAM	12	6	19.18	19.19	19.05	20.00	
		12	13	19.21	19.30	19.39	20.00	
		25	0	19.30	19.47	19.27	20.00	
		1	0	17.25	17.39	17.19	18.00	
		1	13	17.07	17.27	17.09	18.00	
		1	24	16.71	17.23	17.02	18.00	
	10MHz	QPSK	12	0	17.30	17.20	17.35	18.00
			12	6	17.48	17.40	17.44	18.00
	12		13	17.47	17.48	17.42	18.00	
	25		0	17.23	17.54	17.25	18.00	
16QAM	1		0	22.64	22.39	22.22	23.00	
	1		25	22.08	22.28	21.96	23.00	
	1	49	22.24	22.38	22.38	23.00		
	25	0	21.33	21.38	21.34	22.00		
	25	13	21.29	21.37	21.17	22.00		
	25	25	21.50	21.48	21.35	22.00		
	50	0	21.34	21.19	21.25	22.00		
	16QAM	1	0	21.45	21.46	21.52	22.00	
		1	25	21.22	21.51	21.23	22.00	
		1	49	21.26	21.31	21.23	22.00	
		25	0	20.45	20.50	20.36	21.00	
		25	13	20.60	20.46	20.42	21.00	
		25	25	20.65	20.53	20.60	21.00	
		50	0	20.37	20.53	20.42	21.00	

	64QAM	1	0	20.07	20.29	19.94	21.00	
		1	25	19.94	20.12	20.08	21.00	
		1	49	20.15	20.39	20.15	21.00	
		25	0	19.53	19.61	19.43	20.00	
		25	13	19.33	19.27	19.22	20.00	
		25	25	19.34	19.50	19.61	20.00	
		50	0	19.45	19.67	19.36	20.00	
	256QAM	1	0	17.30	17.46	17.34	18.00	
		1	25	17.25	17.36	17.14	18.00	
		1	49	16.90	17.24	17.17	18.00	
		25	0	17.42	17.34	17.45	18.00	
		25	13	17.63	17.48	17.46	18.00	
		25	25	17.57	17.51	17.49	18.00	
		50	0	17.30	17.59	17.36	18.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20825	21100	21375		
<b>15MHz</b>	QPSK	1	0	22.74	22.51	22.38	23.00	
		1	38	22.22	22.37	22.16	23.00	
		1	74	22.32	22.50	22.46	23.00	
		36	0	21.39	21.54	21.50	22.00	
		36	18	21.35	21.44	21.33	22.00	
		36	39	21.55	21.55	21.49	22.00	
		75	0	21.41	21.41	21.45	22.00	
	16QAM	1	0	21.59	21.59	21.58	22.00	
		1	38	21.34	21.60	21.40	22.00	
		1	74	21.42	21.55	21.36	22.00	
		36	0	20.59	20.66	20.43	21.00	
		36	18	20.69	20.64	20.55	21.00	
		36	39	20.73	20.75	20.65	21.00	
		75	0	20.40	20.64	20.55	21.00	
	64QAM	1	0	20.23	20.43	20.16	21.00	
		1	38	20.10	20.28	20.18	21.00	
		1	74	20.31	20.42	20.31	21.00	
		36	0	19.59	19.71	19.50	20.00	
		36	18	19.46	19.48	19.38	20.00	
		36	39	19.43	19.65	19.62	20.00	
		75	0	19.55	19.71	19.45	20.00	
	256QAM	1	0	17.39	17.56	17.45	18.00	
		1	38	17.33	17.44	17.22	18.00	
		1	74	17.06	17.40	17.28	18.00	
		36	0	17.62	17.59	17.67	18.00	
		36	18	17.73	17.57	17.52	18.00	
		36	39	17.68	17.66	17.58	18.00	
		75	0	17.34	17.62	17.47	18.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	22.72	22.77	22.58	23.00	
		1	50	22.4	22.49	22.33	23.00	
		1	99	22.45	22.56	22.52	23.00	

		50	0	21.62	21.73	21.64	22.00
		50	25	21.46	21.62	21.45	22.00
		50	50	21.61	21.72	21.63	22.00
		100	0	21.45	21.65	21.57	22.00
	16QAM	1	0	21.71	21.81	21.73	22.00
		1	50	21.49	21.63	21.58	22.00
		1	99	21.5	21.66	21.44	22.00
		50	0	20.7	20.8	20.59	21.00
		50	25	20.73	20.85	20.63	21.00
		50	50	20.79	20.89	20.72	21.00
		100	0	20.58	20.72	20.68	21.00
		64QAM	1	0	20.33	20.53	20.31
	1		50	20.23	20.39	20.28	21.00
	1		99	20.33	20.52	20.46	21.00
	50		0	19.67	19.76	19.73	20.00
	50		25	19.59	19.72	19.57	20.00
	50		50	19.61	19.84	19.76	20.00
	100		0	19.62	19.76	19.58	20.00
	256QAM	1	0	17.47	17.56	17.53	18.00
		1	50	17.47	17.52	17.39	18.00
		1	99	17.28	17.54	17.40	18.00
		50	0	17.67	17.81	17.68	18.00
		50	25	17.74	17.77	17.64	18.00
		50	50	17.80	17.85	17.69	18.00
		100	0	17.49	17.71	17.52	18.00

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.75	21.22	21.25	22.00
		1	13	21.11	20.43	20.76	22.00
		1	24	21.04	20.40	20.54	22.00
		12	0	19.55	19.71	19.66	22.00
		12	6	19.44	20.24	19.53	22.00
		12	13	20.42	19.67	19.92	22.00
		25	0	19.55	19.63	20.00	22.00
	16QAM	1	0	19.99	19.81	20.72	22.00
		1	13	19.29	19.59	20.23	22.00
		1	24	20.27	20.03	20.27	22.00
		12	0	19.78	19.79	19.73	21.00
		12	6	19.98	19.91	19.81	21.00
		12	13	20.03	19.84	19.98	21.00
		25	0	19.77	19.96	19.86	21.00
	64QAM	1	0	19.36	19.66	19.35	21.00
		1	13	19.23	19.52	19.51	21.00
		1	24	19.54	19.78	19.43	21.00
		12	0	18.86	19.05	18.77	20.00

	256QAM	12	6	18.74	18.75	18.52	20.00	
		12	13	18.77	18.82	18.96	20.00	
		25	0	18.85	18.99	18.84	20.00	
		1	0	16.81	16.86	16.76	18.00	
		1	13	16.55	16.82	16.54	18.00	
		1	24	16.23	16.75	16.51	18.00	
		12	0	16.82	16.75	16.79	18.00	
		12	6	17.04	16.92	16.93	18.00	
		12	13	17.03	17.05	16.98	18.00	
25	0	16.68	17.10	16.75	18.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	20.94	20.99	20.72	22.00	
		1	25	20.98	20.88	20.46	22.00	
		1	49	21.24	20.88	21.38	22.00	
		25	0	20.13	20.38	20.24	22.00	
		25	13	19.49	20.57	19.37	22.00	
		25	25	20.10	20.28	20.55	22.00	
		50	0	20.24	19.39	19.55	22.00	
	16QAM	1	0	20.05	20.26	20.12	22.00	
		1	25	19.82	20.31	20.33	22.00	
		1	49	20.26	20.21	20.13	22.00	
		25	0	19.97	19.94	19.88	21.00	
		25	13	20.12	19.97	19.97	21.00	
		25	25	20.17	19.99	20.04	21.00	
		50	0	19.83	20.09	19.93	21.00	
	64QAM	1	0	19.52	19.75	19.50	21.00	
		1	25	19.46	19.57	19.64	21.00	
		1	49	19.71	19.91	19.64	21.00	
		25	0	18.99	19.07	18.96	20.00	
		25	13	18.89	18.80	18.76	20.00	
		25	25	18.84	19.05	19.07	20.00	
		50	0	18.98	19.24	18.85	20.00	
	256QAM	1	0	16.74	16.94	16.83	18.00	
		1	25	16.70	16.87	16.59	18.00	
		1	49	16.39	16.78	16.63	18.00	
		25	0	16.91	16.87	16.93	18.00	
		25	13	17.20	16.95	16.92	18.00	
		25	25	17.04	17.00	16.95	18.00	
		50	0	16.77	17.07	16.83	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	21.64	21.41	20.68	22.00	
		1	38	20.62	20.57	20.56	22.00	
		1	74	21.22	21.00	21.46	22.00	
		36	0	20.59	19.84	20.50	22.00	
		36	18	19.95	20.14	20.53	22.00	
		36	39	20.15	20.05	19.99	22.00	
		75	0	20.61	19.71	19.85	22.00	

	16QAM	1	0	20.19	20.09	20.28	22.00	
		1	38	20.44	19.80	20.60	22.00	
		1	74	20.32	20.05	20.06	22.00	
		36	0	20.03	20.18	20.00	21.00	
		36	18	20.18	20.08	20.01	21.00	
		36	39	20.17	20.24	20.21	21.00	
	64QAM	75	0	19.96	20.17	20.03	21.00	
		1	0	19.77	19.97	19.63	21.00	
		1	38	19.63	19.73	19.75	21.00	
		1	74	19.85	19.93	19.79	21.00	
		36	0	19.10	19.23	19.03	20.00	
		36	18	18.99	19.01	18.82	20.00	
	256QAM	36	39	18.99	19.10	19.10	20.00	
		75	0	19.10	19.26	18.94	20.00	
		1	0	16.90	17.09	16.93	18.00	
		1	38	16.81	16.95	16.74	18.00	
		1	74	16.58	16.84	16.76	18.00	
		36	0	17.09	17.12	17.16	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	21.62	21.67	21.58	22.00
1			50	21.4	20.89	20.63	22.00	
1			99	19.6	20.06	19.54	22.00	
50			0	20.46	20.74	20.46	22.00	
50			25	20.54	20.66	20.44	22.00	
50			50	20.61	20.64	20.49	22.00	
100			0	20.42	20.58	20.55	22.00	
16QAM		1	0	20.71	20.71	19.93	22.00	
		1	50	19.69	20.13	20.48	22.00	
		1	99	19.8	20.26	19.74	22.00	
		50	0	20.16	20.34	20.16	21.00	
		50	25	20.24	20.36	20.14	21.00	
		50	50	20.31	20.44	20.19	21.00	
		100	0	20.12	20.18	20.25	21.00	
64QAM		1	0	19.85	20.00	19.79	21.00	
		1	50	19.68	19.84	19.74	21.00	
		1	99	19.85	20.05	19.92	21.00	
		50	0	19.13	19.26	19.25	20.00	
		50	25	19.06	19.25	19.06	20.00	
		50	50	19.17	19.30	19.22	20.00	
		100	0	19.12	19.30	19.08	20.00	
256QAM		1	0	16.96	17.07	17.07	18.00	
		1	50	17.02	16.96	16.90	18.00	
		1	99	16.75	17.06	16.90	18.00	
		50	0	17.20	17.30	17.17	18.00	
		50	25	17.27	17.22	17.11	18.00	



		50	50	17.35	17.42	17.16	18.00
		100	0	16.95	17.26	17.06	18.00

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.41	21.61	21.59	22.00
		1	13	21.49	21.09	21.49	22.00
		1	24	21.48	21.04	21.18	22.00
		12	0	21.28	21.39	21.37	22.00
		12	6	21.13	21.55	21.28	22.00
		12	13	21.49	21.31	21.55	22.00
		25	0	21.20	21.36	21.65	22.00
	16QAM	1	0	21.41	21.49	21.47	22.00
		1	13	20.91	21.25	21.63	22.00
		1	24	21.37	21.36	21.34	22.00
		12	0	19.83	19.74	19.86	21.00
		12	6	20.13	19.94	19.79	21.00
		12	13	19.87	19.77	20.20	21.00
		25	0	19.83	19.93	19.77	21.00
	64QAM	1	0	19.53	19.84	19.25	21.00
		1	13	19.18	19.42	19.74	21.00
		1	24	19.76	19.91	19.43	21.00
		12	0	18.82	19.00	18.81	20.00
		12	6	18.72	19.01	18.61	20.00
		12	13	18.91	18.97	19.17	20.00
		25	0	19.03	18.94	18.74	20.00
	256QAM	1	0	17.09	17.09	16.73	18.00
		1	13	16.55	16.94	16.47	18.00
		1	24	16.21	16.75	16.52	18.00
		12	0	16.99	16.76	16.80	18.00
		12	6	17.28	16.85	16.87	18.00
		12	13	17.19	17.17	17.15	18.00
		25	0	16.97	17.08	16.89	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.62	21.70	21.47	22.00
		1	25	21.69	21.62	21.12	22.00
		1	49	21.69	21.57	21.20	22.00
		25	0	21.81	21.26	21.73	22.00
		25	13	21.19	21.49	20.99	22.00
		25	25	21.80	21.13	21.43	22.00
		50	0	21.60	20.93	21.23	22.00
	16QAM	1	0	21.74	20.84	21.02	22.00
		1	25	21.51	21.25	21.15	22.00
		1	49	21.20	21.08	21.01	22.00
		25	0	19.24	19.13	19.21	21.00

	64QAM	25	13	19.33	19.43	19.42	21.00	
		25	25	19.66	19.46	19.37	21.00	
		50	0	19.89	20.06	20.01	21.00	
		1	0	19.77	19.65	19.73	21.00	
		1	25	19.57	19.79	19.94	21.00	
		1	49	19.90	20.07	19.58	21.00	
		25	0	19.23	19.35	18.97	20.00	
		25	13	18.85	19.10	18.78	20.00	
		25	25	19.00	19.31	19.23	20.00	
	50	0	19.01	19.26	18.79	20.00		
	256QAM	1	0	16.65	16.92	17.02	18.00	
		1	25	16.87	17.01	16.61	18.00	
		1	49	16.56	16.99	16.60	18.00	
		25	0	16.98	16.95	17.15	18.00	
		25	13	17.24	17.05	17.13	18.00	
25		25	16.98	17.10	17.06	18.00		
		50	0	16.67	17.32	16.84	18.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20825	21100	21375		
<b>15MHz</b>	QPSK	1	0	21.70	21.73	21.32	22.00	
		1	38	21.26	21.31	21.26	22.00	
		1	74	21.56	21.43	21.66	22.00	
		36	0	21.64	21.48	21.58	22.00	
		36	18	21.39	21.55	21.59	22.00	
		36	39	21.55	21.47	21.39	22.00	
		75	0	21.64	21.40	21.58	22.00	
	16QAM	1	0	21.55	21.53	21.67	22.00	
		1	38	21.53	21.49	21.62	22.00	
		1	74	21.43	21.39	21.39	22.00	
		36	0	19.29	19.55	19.38	21.00	
		36	18	19.44	19.57	19.19	21.00	
		36	39	19.38	19.45	19.31	21.00	
		75	0	19.20	19.51	19.23	21.00	
	64QAM	1	0	19.13	19.44	19.05	21.00	
		1	38	19.62	19.77	19.85	21.00	
		1	74	19.33	19.32	19.17	21.00	
		36	0	19.30	19.39	19.14	20.00	
		36	18	18.91	19.06	19.03	20.00	
		36	39	19.24	19.02	19.39	20.00	
		75	0	19.03	19.50	19.04	20.00	
	256QAM	1	0	16.90	17.11	17.10	18.00	
		1	38	17.10	17.10	17.01	18.00	
		1	74	16.84	16.93	17.05	18.00	
		36	0	17.39	17.04	17.41	18.00	
		36	18	17.23	17.18	17.15	18.00	
		36	39	17.22	17.39	17.36	18.00	
		75	0	16.95	17.08	17.22	18.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20850	21100	21350	

20MHz	QPSK	1	0	21.74	21.82	21.6	22.00
		1	50	21.47	21.71	21.51	22.00
		1	99	21.21	21.38	21.14	22.00
		50	0	21.66	21.75	21.63	22.00
		50	25	21.43	21.61	21.55	22.00
		50	50	21.4	21.66	21.43	22.00
	16QAM	100	0	21.72	21.78	21.77	22.00
		1	0	21.55	21.47	21.37	22.00
		1	50	21.42	21.8	21.61	22.00
		1	99	21.43	21.66	21.43	22.00
		50	0	19.28	19.79	19.61	21.00
		50	25	19.62	19.74	19.41	21.00
	64QAM	50	50	19.48	19.86	19.29	21.00
		100	0	19.46	19.51	19.37	21.00
		1	0	19.88	19.95	19.98	21.00
		1	50	19.58	19.80	19.97	21.00
		1	99	19.34	19.53	19.23	21.00
		50	0	19.17	19.49	19.45	20.00
	256QAM	50	25	19.11	19.15	19.20	20.00
		50	50	19.25	19.54	19.21	20.00
		100	0	19.12	19.49	19.36	20.00
		1	0	17.19	17.14	17.23	18.00
		1	50	17.29	17.03	17.12	18.00
		1	99	16.96	17.21	17.07	18.00
	50	0	17.41	17.30	17.10	18.00	
	50	25	17.38	17.38	17.18	18.00	
	50	50	17.57	17.65	17.37	18.00	
	100	0	17.05	17.16	17.26	18.00	

## 7 Conducted Power of ENDC\_LTE Antenna(Ant2)

### 7.1 Conducted Power of LTE

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.01	21.05	20.42	21.50
		1	13	20.29	20.59	20.37	21.50
		1	24	20.31	20.72	20.26	21.50
		12	0	19.45	19.86	19.48	20.50
		12	6	19.74	19.96	19.82	20.50
		12	13	19.61	19.82	19.41	20.50
	16QAM	25	0	19.24	19.90	19.32	20.50
		1	0	19.40	19.68	19.54	20.50
		1	13	19.41	19.80	19.53	20.50
		1	24	19.49	19.61	19.51	20.50
		12	0	18.52	18.74	18.53	19.50
		12	6	18.70	18.84	18.43	19.50

	64QAM	12	13	18.49	18.69	18.73	19.50
		25	0	18.53	18.93	18.58	19.50
		1	0	18.48	18.64	18.45	19.50
		1	13	18.19	18.53	18.25	19.50
		1	24	18.45	18.63	18.62	19.50
		12	0	17.61	17.64	17.44	18.50
		12	6	17.55	17.70	17.40	18.50
		12	13	17.62	17.97	17.36	18.50
	25	0	17.50	17.67	17.44	18.50	
	256QAM	1	0	15.22	15.51	15.16	16.50
		1	13	15.42	15.31	14.93	16.50
		1	24	15.31	15.51	15.15	16.50
		12	0	15.45	15.89	15.64	16.50
		12	6	15.46	15.94	15.50	16.50
12		13	15.60	15.70	15.71	16.50	
25	0	15.37	15.84	15.30	16.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	20.86	21.17	20.73	21.50
		1	25	20.44	20.49	20.35	21.50
		1	49	20.29	20.69	20.27	21.50
		25	0	19.57	19.60	19.46	20.50
		25	13	19.68	19.97	19.66	20.50
		25	25	19.54	19.77	19.62	20.50
		50	0	19.50	19.57	19.26	20.50
	16QAM	1	0	19.49	19.81	19.63	20.50
		1	25	19.70	19.95	19.42	20.50
		1	49	19.56	19.80	19.36	20.50
		25	0	18.53	18.77	18.42	19.50
		25	13	18.78	18.81	18.67	19.50
		25	25	18.47	18.91	18.39	19.50
	64QAM	50	0	18.36	18.87	18.27	19.50
		1	0	18.60	18.81	18.30	19.50
		1	25	18.46	18.62	18.28	19.50
		1	49	18.59	18.76	18.51	19.50
		25	0	17.48	17.98	17.48	18.50
		25	13	17.59	17.91	17.58	18.50
	256QAM	25	25	17.42	17.93	17.52	18.50
		50	0	17.44	17.88	17.45	18.50
		1	0	15.30	15.58	15.33	16.50
		1	25	15.28	15.37	15.09	16.50
		1	49	15.29	15.52	15.04	16.50
		25	0	15.71	15.83	15.33	16.50
	25	13	15.40	15.97	15.56	16.50	
	25	25	15.75	15.85	15.53	16.50	
	50	0	15.56	15.80	15.29	16.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	20.92	21.06	20.71	21.50
				20825	21100	21375	

		1	38	20.47	20.62	20.52	21.50
		1	74	20.63	20.79	20.18	21.50
		36	0	19.53	19.89	19.53	20.50
		36	18	19.54	19.92	19.65	20.50
		36	39	19.78	19.91	19.62	20.50
		75	0	19.31	19.88	19.46	20.50
	16QAM	1	0	19.50	19.72	19.51	20.50
		1	38	19.56	19.94	19.37	20.50
		1	74	19.61	19.93	19.46	20.50
		36	0	18.44	18.63	18.42	19.50
		36	18	18.73	18.90	18.49	19.50
		36	39	18.48	18.93	18.60	19.50
	64QAM	75	0	18.47	18.69	18.62	19.50
		1	0	18.44	18.63	18.32	19.50
		1	38	18.42	18.56	18.17	19.50
		1	74	18.63	18.65	18.39	19.50
		36	0	17.71	17.85	17.37	18.50
		36	18	17.65	17.70	17.58	18.50
	256QAM	36	39	17.54	17.67	17.67	18.50
		75	0	17.37	17.61	17.30	18.50
		1	0	15.11	15.47	15.26	16.50
1		38	15.37	15.55	15.06	16.50	
1		74	15.31	15.37	15.31	16.50	
36		0	15.49	15.82	15.29	16.50	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.06	21.18	20.77	21.50
		1	50	20.57	20.81	20.54	21.50
		1	99	20.66	20.91	20.56	21.50
		50	0	19.69	19.94	19.68	20.50
		50	25	19.81	20.09	19.84	20.50
		50	50	19.80	20.02	19.77	20.50
		100	0	19.62	19.91	19.64	20.50
	16QAM	1	0	19.77	20.05	19.82	20.50
		1	50	19.78	20.02	19.68	20.50
		1	99	19.69	19.96	19.66	20.50
		50	0	18.67	18.96	18.72	19.50
		50	25	18.79	18.98	18.67	19.50
		50	50	18.78	19.06	18.76	19.50
		100	0	18.72	18.93	18.64	19.50
	64QAM	1	0	18.67	18.86	18.59	19.50
		1	50	18.55	18.82	18.54	19.50
		1	99	18.73	18.95	18.64	19.50
		50	0	17.81	18.02	17.73	18.50
		50	25	17.69	17.98	17.62	18.50
		50	50	17.76	18.03	17.73	18.50

		100	0	17.72	17.94	17.65	18.50
	256QAM	1	0	15.44	15.62	15.37	16.50
		1	50	15.43	15.61	15.31	16.50
		1	99	15.41	15.63	15.33	16.50
		50	0	15.72	15.91	15.65	16.50
		50	25	15.68	15.97	15.72	16.50
		50	50	15.84	16.02	15.77	16.50
		100	0	15.66	15.95	15.65	16.50

LTE Band 7 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.95	17.99	17.38	18.50
		1	13	17.18	17.57	17.33	18.50
		1	24	17.30	17.68	17.25	18.50
		12	0	17.41	17.78	17.39	18.50
		12	6	17.63	17.90	17.73	18.50
		12	13	17.50	17.78	17.34	18.50
		25	0	17.20	17.80	17.24	18.50
	16QAM	1	0	17.31	17.57	17.45	18.50
		1	13	17.39	17.78	17.50	18.50
		1	24	17.39	17.61	17.44	18.50
		12	0	17.48	17.74	17.51	18.50
		12	6	17.67	17.77	17.42	18.50
		12	13	17.39	17.59	17.65	18.50
		25	0	17.53	17.87	17.49	18.50
	64QAM	1	0	17.41	17.60	17.43	18.50
		1	13	17.09	17.50	17.23	18.50
		1	24	17.45	17.61	17.62	18.50
		12	0	17.81	17.51	17.33	18.50
		12	6	17.58	17.39	16.98	18.50
		12	13	17.39	17.67	17.52	18.50
		25	0	17.40	17.69	17.66	18.50
	256QAM	1	0	15.39	15.70	14.95	16.50
		1	13	15.10	15.38	14.62	16.50
		1	24	15.13	15.41	15.17	16.50
		12	0	15.09	15.70	15.53	16.50
		12	6	15.59	15.67	15.69	16.50
		12	13	15.25	15.49	15.29	16.50
		25	0	15.53	15.56	15.53	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.80	17.84	17.71	18.50
		1	25	17.42	17.44	17.28	18.50
		1	49	17.21	17.59	17.23	18.50
		25	0	17.50	17.58	17.43	18.50
		25	13	17.59	17.86	17.64	18.50

	16QAM	25	25	17.48	17.72	17.58	18.50	
		50	0	17.46	17.56	17.20	18.50	
		1	0	17.40	17.72	17.61	18.50	
		1	25	17.66	17.95	17.39	18.50	
		1	49	17.53	17.77	17.30	18.50	
		25	0	17.46	17.72	17.41	18.50	
		25	13	17.69	17.77	17.56	18.50	
		25	25	17.41	17.80	17.28	18.50	
	64QAM	50	0	17.27	17.82	17.19	18.50	
		1	0	17.51	17.72	17.21	18.50	
		1	25	17.42	17.54	17.26	18.50	
		1	49	17.59	17.74	17.40	18.50	
		25	0	17.36	18.04	17.25	18.50	
		25	13	17.70	17.86	17.29	18.50	
		25	25	17.02	17.77	17.75	18.50	
		50	0	17.42	17.50	17.36	18.50	
	256QAM	1	0	15.52	15.15	15.46	16.50	
		1	25	15.33	14.99	15.06	16.50	
		1	49	14.85	15.34	15.19	16.50	
		25	0	15.78	15.65	15.46	16.50	
		25	13	15.56	15.74	15.38	16.50	
		25	25	15.42	15.48	15.65	16.50	
		50	0	15.30	15.53	14.96	16.50	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					20825	21100	21375	
	<b>15MHz</b>	QPSK	1	0	17.85	17.98	17.67	18.50
			1	38	17.37	17.58	17.44	18.50
			1	74	17.54	17.73	17.11	18.50
36			0	17.42	17.85	17.42	18.50	
36			18	17.50	17.89	17.63	18.50	
36			39	17.74	17.91	17.58	18.50	
75			0	17.30	17.86	17.36	18.50	
16QAM		1	0	17.50	17.65	17.48	18.50	
		1	38	17.51	17.94	17.32	18.50	
		1	74	17.57	17.90	17.38	18.50	
		36	0	17.34	17.55	17.40	18.50	
		36	18	17.64	17.81	17.45	18.50	
		36	39	17.47	17.85	17.60	18.50	
		75	0	17.42	17.59	17.55	18.50	
64QAM		1	0	17.34	17.52	17.30	18.50	
		1	38	17.34	17.56	17.17	18.50	
		1	74	17.58	17.57	17.39	18.50	
		36	0	17.86	17.87	17.37	18.50	
		36	18	17.52	17.29	17.53	18.50	
		36	39	17.23	17.67	17.28	18.50	
		75	0	17.23	17.32	17.13	18.50	
256QAM		1	0	15.03	15.35	14.84	16.50	
		1	38	15.23	15.78	14.76	16.50	
		1	74	15.30	15.55	15.48	16.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	36	0	15.26	15.76	15.18	16.50
		36	18	15.61	16.08	15.56	16.50
		36	39	15.40	15.62	15.15	16.50
		75	0	15.55	15.66	15.21	16.50
	QPSK	1	0	18.06	18.09	17.66	18.50
		1	50	17.57	17.81	17.44	18.50
		1	99	17.58	17.84	17.49	18.50
		50	0	17.63	17.84	17.60	18.50
		50	25	17.80	17.78	17.82	18.50
		50	50	17.80	17.73	17.75	18.50
	16QAM	100	0	17.58	17.89	17.63	18.50
		1	0	17.69	18.04	17.75	18.50
		1	50	17.77	17.97	17.66	18.50
		1	99	17.64	17.91	17.63	18.50
		50	0	17.57	17.88	17.70	18.50
		50	25	17.68	17.98	17.59	18.50
	64QAM	50	50	17.74	17.97	17.70	18.50
		100	0	17.69	17.89	17.60	18.50
		1	0	17.66	17.77	17.57	18.50
		1	50	17.44	17.81	17.45	18.50
		1	99	17.68	17.88	17.62	18.50
		50	0	17.38	17.75	17.79	18.50
	256QAM	50	25	17.78	17.59	17.64	18.50
		50	50	17.72	17.69	17.62	18.50
		100	0	17.65	17.85	17.84	18.50
		1	0	15.47	15.28	15.37	16.50
		1	50	15.06	15.84	15.54	16.50
		1	99	15.36	15.85	15.24	16.50
	256QAM	50	0	15.29	15.79	15.28	16.50
		50	25	15.54	15.66	15.47	16.50
		50	50	15.63	15.82	15.78	16.50
		100	0	15.82	15.84	15.73	16.50



## 8 Conducted Power of ENDC\_LTE Antenna(Ant3)

### 8.1 Conducted Power of LTE

LTE Band 7 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.67	13.95	13.91	14.50
		1	13	13.72	13.75	13.85	14.50
		1	24	13.75	13.87	13.92	14.50
		12	0	13.66	13.96	13.96	14.50
		12	6	13.74	13.84	13.81	14.50
		12	13	13.63	13.73	13.90	14.50
		25	0	13.83	13.86	13.76	14.50
	16QAM	1	0	13.67	13.84	13.93	14.50
		1	13	13.61	13.91	13.96	14.50
		1	24	13.84	13.78	13.71	14.50
		12	0	13.81	13.78	13.86	14.50
		12	6	13.60	13.82	13.85	14.50
		12	13	13.81	13.74	13.73	14.50
		25	0	13.81	13.91	13.98	14.50
	64QAM	1	0	13.80	13.95	13.84	14.50
		1	13	13.84	13.72	13.81	14.50
		1	24	13.82	13.94	13.91	14.50
		12	0	13.83	13.78	13.85	14.50
		12	6	13.68	13.89	13.79	14.50
		12	13	13.74	13.77	13.98	14.50
		25	0	13.65	13.84	13.78	14.50
	256QAM	1	0	13.75	13.93	13.81	14.50
		1	13	13.79	13.95	13.86	14.50
		1	24	13.85	13.72	13.77	14.50
		12	0	13.85	13.97	13.73	14.50
		12	6	13.60	13.86	13.92	14.50
		12	13	13.59	13.90	13.91	14.50
		25	0	13.81	13.80	13.79	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	13.78	13.92	13.91	14.50
		1	25	13.58	13.86	13.93	14.50
		1	49	13.70	13.85	13.74	14.50
		25	0	13.62	13.88	13.82	14.50
		25	13	13.77	13.82	13.90	14.50
		25	25	13.61	13.91	13.96	14.50
		50	0	13.71	13.77	13.71	14.50
	16QAM	1	0	13.66	13.86	13.97	14.50
		1	25	13.76	13.76	13.78	14.50
		1	49	13.60	13.96	13.79	14.50
		25	0	13.60	13.94	13.82	14.50

	64QAM	25	13	13.62	13.85	13.86	14.50	
		25	25	13.81	13.95	13.75	14.50	
		50	0	13.72	13.72	13.95	14.50	
		1	0	13.80	13.72	13.97	14.50	
		1	25	13.83	13.73	13.86	14.50	
		1	49	13.82	13.85	13.76	14.50	
		25	0	13.72	13.93	13.79	14.50	
		25	13	13.78	13.96	13.79	14.50	
		25	25	13.71	13.86	13.74	14.50	
	50	0	13.72	13.89	13.72	14.50		
	256QAM	1	0	13.79	13.99	13.83	14.50	
		1	25	13.71	13.94	13.85	14.50	
		1	49	13.74	13.89	13.93	14.50	
		25	0	13.79	13.84	13.90	14.50	
		25	13	13.78	13.97	13.88	14.50	
		25	25	13.71	13.83	13.77	14.50	
		50	0	13.58	13.92	13.98	14.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20825	21100	21375		
<b>15MHz</b>	QPSK	1	0	13.71	13.79	13.73	14.50	
		1	38	13.76	13.86	13.92	14.50	
		1	74	13.78	13.97	13.79	14.50	
		36	0	13.67	13.94	13.95	14.50	
		36	18	13.63	13.96	13.89	14.50	
		36	39	13.58	13.84	13.77	14.50	
		75	0	13.75	13.72	13.97	14.50	
	16QAM	1	0	13.58	13.95	13.92	14.50	
		1	38	13.65	13.88	13.95	14.50	
		1	74	13.62	13.72	13.72	14.50	
		36	0	13.75	13.87	13.95	14.50	
		36	18	13.70	13.96	13.94	14.50	
		36	39	13.68	13.85	13.79	14.50	
		75	0	13.62	13.72	13.81	14.50	
	64QAM	1	0	13.62	13.92	13.91	14.50	
		1	38	13.84	13.88	13.82	14.50	
		1	74	13.82	13.87	13.98	14.50	
		36	0	13.69	13.85	13.78	14.50	
		36	18	13.63	13.89	13.75	14.50	
		36	39	13.58	13.89	13.74	14.50	
		75	0	13.74	13.92	13.72	14.50	
	256QAM	1	0	13.64	13.86	13.87	14.50	
		1	38	13.81	13.92	13.93	14.50	
		1	74	13.66	13.92	13.95	14.50	
		36	0	13.73	13.81	13.72	14.50	
		36	18	13.67	13.94	13.80	14.50	
		36	39	13.65	13.86	13.76	14.50	
		75	0	13.72	13.75	13.81	14.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20850	21100	21350	

20MHz	QPSK	1	0	14.06	14.32	14.11	14.50
		1	50	14.14	14.06	14.00	14.50
		1	99	13.98	14.19	14.00	14.50
		50	0	14.00	14.15	14.13	14.50
		50	25	14.08	14.06	14.11	14.50
		50	50	14.13	14.13	14.13	14.50
		100	0	13.91	14.17	14.07	14.50
	16QAM	1	0	14.07	14.04	14.10	14.50
		1	50	13.96	14.22	14.24	14.50
		1	99	14.16	14.18	14.00	14.50
		50	0	14.08	14.22	14.16	14.50
		50	25	14.09	14.20	14.02	14.50
		50	50	14.07	14.03	14.12	14.50
		100	0	14.17	14.20	14.12	14.50
	64QAM	1	0	13.92	14.13	14.03	14.50
		1	50	13.99	14.21	14.19	14.50
		1	99	14.00	14.16	14.08	14.50
		50	0	13.91	14.15	14.15	14.50
		50	25	14.16	14.17	14.03	14.50
		50	50	14.02	14.15	14.10	14.50
		100	0	14.03	14.24	14.11	14.50
	256QAM	1	0	13.97	14.21	14.13	14.50
		1	50	14.13	14.18	14.23	14.50
		1	99	14.15	14.15	14.24	14.50
		50	0	14.09	14.17	14.24	14.50
		50	25	13.92	14.19	14.21	14.50
		50	50	13.96	14.22	14.01	14.50
		100	0	14.02	14.10	14.10	14.50

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.99	19.02	18.89	19.50
		1	13	18.91	18.93	19.08	19.50
		1	24	19.02	19.09	19.03	19.50
		12	0	18.83	19.05	19.13	19.50
		12	6	18.83	19.04	18.99	19.50
		12	13	18.85	19.12	19.00	19.50
		25	0	18.97	19.04	19.02	19.50
	16QAM	1	0	18.99	19.13	18.94	19.50
		1	13	19.06	19.13	19.01	19.50
		1	24	18.83	19.05	19.10	19.50
		12	0	18.85	19.06	18.77	19.50
		12	6	18.59	18.66	18.62	19.50
		12	13	18.98	19.10	18.74	19.50
		25	0	18.76	18.83	18.63	19.50
	64QAM	1	0	19.02	18.71	19.01	19.50

		1	13	18.90	18.81	18.66	19.50	
		1	24	19.12	19.06	19.11	19.50	
		12	0	17.77	17.70	17.67	18.50	
		12	6	17.98	17.89	17.71	18.50	
		12	13	17.79	17.79	17.69	18.50	
		25	0	17.74	17.74	17.92	18.50	
	256QAM	1	0	15.94	16.12	15.38	16.50	
		1	13	15.93	16.00	15.64	16.50	
		1	24	15.78	16.01	15.99	16.50	
		12	0	15.84	15.79	15.64	16.50	
		12	6	15.67	16.07	15.80	16.50	
		12	13	15.96	15.82	15.94	16.50	
		25	0	15.67	15.95	15.45	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	18.87	19.11	19.10	19.50	
		1	25	19.01	18.99	19.05	19.50	
		1	49	18.90	18.93	18.93	19.50	
		25	0	18.89	19.14	18.99	19.50	
		25	13	18.87	19.00	18.90	19.50	
		25	25	18.97	19.12	19.08	19.50	
		50	0	18.85	18.93	19.00	19.50	
	16QAM	1	0	18.92	19.08	19.02	19.50	
		1	25	18.89	18.96	19.07	19.50	
		1	49	18.95	19.01	18.91	19.50	
		25	0	18.77	19.05	18.78	19.50	
		25	13	18.57	18.76	18.59	19.50	
		25	25	18.93	18.98	18.67	19.50	
		50	0	18.66	19.00	18.70	19.50	
	64QAM	1	0	19.01	18.78	19.03	19.50	
		1	25	18.84	18.97	18.77	19.50	
		1	49	18.99	19.08	19.03	19.50	
		25	0	17.76	17.82	17.51	18.50	
		25	13	17.98	17.80	17.61	18.50	
		25	25	17.99	17.73	17.86	18.50	
		50	0	17.75	17.86	17.87	18.50	
	256QAM	1	0	15.87	15.93	15.43	16.50	
		1	25	15.75	16.10	15.72	16.50	
		1	49	15.90	15.85	15.97	16.50	
		25	0	15.93	15.83	15.52	16.50	
		25	13	15.71	15.97	15.77	16.50	
		25	25	16.00	15.64	15.95	16.50	
		50	0	15.75	15.91	15.46	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	18.93	19.06	19.07	19.50	
		1	38	18.86	19.02	18.96	19.50	
		1	74	19.01	19.02	19.01	19.50	
		36	0	18.99	18.97	18.93	19.50	

	16QAM	36	18	18.86	19.03	19.08	19.50	
		36	39	19.04	19.00	19.06	19.50	
		75	0	18.85	19.00	18.93	19.50	
		1	0	18.94	19.08	18.96	19.50	
		1	38	19.00	18.94	18.99	19.50	
		1	74	18.93	18.95	18.90	19.50	
		36	0	18.68	18.94	18.64	19.50	
		36	18	18.54	18.70	18.64	19.50	
		36	39	18.98	19.06	18.70	19.50	
	75	0	18.73	18.89	18.60	19.50		
	64QAM	1	0	19.09	18.86	19.08	19.50	
		1	38	18.93	18.98	18.65	19.50	
		1	74	18.94	19.12	19.10	19.50	
		36	0	17.70	17.89	17.66	18.50	
		36	18	17.76	17.81	17.77	18.50	
		36	39	17.79	17.78	17.83	18.50	
	256QAM	75	0	17.83	17.75	17.98	18.50	
		1	0	15.80	16.07	15.49	16.50	
		1	38	15.91	15.98	15.74	16.50	
		1	74	15.77	15.84	15.86	16.50	
		36	0	15.73	15.78	15.55	16.50	
		36	18	15.87	16.07	15.71	16.50	
	36	39	15.94	15.83	15.86	16.50		
	75	0	15.70	15.92	15.54	16.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK			20850	21100	21350	
			1	0	18.89	19.16	18.94	19.50
			1	50	18.90	18.92	18.96	19.50
1			99	18.94	19.11	19.10	19.50	
50			0	18.83	19.07	18.96	19.50	
50			25	18.92	19.02	18.96	19.50	
50			50	19.02	19.06	18.90	19.50	
100		0	18.91	19.06	19.03	19.50		
16QAM		1	0	18.89	18.93	18.89	19.50	
		1	50	19.06	19.01	18.95	19.50	
		1	99	19.03	18.92	19.04	19.50	
		50	0	18.79	19.12	18.63	19.50	
		50	25	18.62	18.67	18.76	19.50	
		50	50	19.00	18.95	18.81	19.50	
100		0	18.63	18.85	18.54	19.50		
64QAM		1	0	19.01	18.81	19.02	19.50	
		1	50	18.95	18.99	18.85	19.50	
		1	99	18.90	19.03	19.10	19.50	
		50	0	17.73	17.84	17.54	18.50	
		50	25	17.87	17.85	17.74	18.50	
		50	50	17.83	17.93	17.80	18.50	
100		0	17.80	17.87	17.91	18.50		
256QAM		1	0	15.92	15.89	15.44	16.50	
		1	50	15.79	16.00	15.85	16.50	

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		1	99	15.96	16.00	15.84	16.50
		50	0	15.77	15.86	15.57	16.50
		50	25	15.87	15.90	15.85	16.50
		50	50	15.95	15.77	16.05	16.50
		100	0	15.86	16.05	15.44	16.50

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## 9 Conducted Power of ENDC\_LTE Antenna(Ant5)

### 9.1 Conducted Power of LTE

LTE Band 4 Receiver on&Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	16.84	17.13	17.01	18.00	
		1	2	16.52	16.75	16.39	18.00	
		1	5	16.27	16.82	16.32	18.00	
		3	0	16.69	17.03	16.67	18.00	
		3	2	16.79	16.99	16.68	18.00	
		3	3	16.54	16.80	17.02	18.00	
	16QAM	6	0	16.69	16.52	16.36	18.00	
		1	0	16.82	17.18	17.10	18.00	
		1	2	16.93	16.77	16.68	18.00	
		1	5	16.60	16.89	16.65	18.00	
		3	0	16.81	17.05	16.73	18.00	
		3	2	16.69	16.87	16.82	18.00	
	64QAM	3	3	17.01	17.16	16.76	18.00	
		6	0	16.48	16.96	16.81	18.00	
		1	0	16.75	16.56	16.99	18.00	
		1	2	16.80	16.84	17.08	18.00	
		1	5	16.54	16.74	16.96	18.00	
		3	0	16.80	16.78	17.02	18.00	
	256QAM	3	2	16.86	16.75	16.99	18.00	
		3	3	16.72	16.74	16.78	18.00	
		6	0	16.82	16.59	16.90	18.00	
		1	0	16.56	16.91	16.91	18.00	
		1	2	16.99	16.96	17.00	18.00	
		1	5	16.70	16.75	16.84	18.00	
	3MHz	QPSK	3	0	16.94	16.76	16.75	18.00
			3	2	16.83	17.01	16.60	18.00
			3	3	16.70	16.79	16.42	18.00
			6	0	16.31	17.13	16.45	18.00
8			0	16.69	16.79	16.70	18.00	
8			4	16.75	16.84	16.55	18.00	
16QAM		8	7	16.46	16.55	16.93	18.00	
		15	0	16.52	16.39	16.28	18.00	
		1	0	16.87	17.08	17.01	18.00	
		1	7	16.84	16.64	16.54	18.00	
		1	14	16.60	16.59	16.54	18.00	
		8	0	16.74	17.00	16.73	18.00	

	64QAM	8	4	16.59	16.71	16.87	18.00
		8	7	16.87	17.08	16.72	18.00
		15	0	16.52	16.66	16.71	18.00
		1	0	16.69	16.34	16.92	18.00
		1	7	16.87	16.79	17.00	18.00
		1	14	16.57	16.69	17.04	18.00
		8	0	16.77	16.56	16.87	18.00
		8	4	16.68	16.52	17.05	18.00
		8	7	16.79	16.53	16.82	18.00
	15	0	16.79	16.40	16.95	18.00	
	256QAM	1	0	16.63	16.83	16.85	18.00
		1	7	16.99	16.83	16.96	18.00
		1	14	16.73	16.54	16.76	18.00
		8	0	16.82	16.52	16.65	18.00
		8	4	16.88	16.87	16.45	18.00
8		7	16.62	16.63	16.40	18.00	
		15	0	16.26	16.83	16.33	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 19975	<b>Channel</b> 20175	<b>Channel</b> 20375	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	16.74	17.04	16.95	18.00
		1	13	16.52	16.85	16.33	18.00
		1	24	16.35	16.95	16.39	18.00
		12	0	16.51	16.80	16.75	18.00
		12	6	16.63	16.92	16.60	18.00
		12	13	16.43	16.58	16.88	18.00
		25	0	16.59	16.41	16.25	18.00
	16QAM	1	0	16.82	16.99	17.11	18.00
		1	13	16.85	16.69	16.75	18.00
		1	24	16.50	16.81	16.59	18.00
		12	0	16.80	16.80	16.78	18.00
		12	6	16.57	16.58	16.79	18.00
		12	13	17.02	17.08	16.66	18.00
		25	0	16.44	16.70	16.65	18.00
	64QAM	1	0	16.81	16.29	16.87	18.00
		1	13	16.83	16.62	17.14	18.00
		1	24	16.45	16.65	16.81	18.00
		12	0	16.75	16.73	16.99	18.00
		12	6	16.80	16.53	17.03	18.00
		12	13	16.57	16.49	16.64	18.00
		25	0	16.68	16.40	16.91	18.00
	256QAM	1	0	16.54	16.86	16.83	18.00
		1	13	16.82	16.80	16.99	18.00
		1	24	16.61	16.62	16.78	18.00
		12	0	17.02	16.64	16.65	18.00
12		6	16.83	16.76	16.56	18.00	
12		13	16.56	16.69	16.39	18.00	
25		0	16.23	16.96	16.51	18.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20000	<b>Channel</b> 20175	<b>Channel</b> 20350	<b>Tune up</b>



10MHz	QPSK	1	0	16.84	17.20	16.95	18.00
		1	25	16.59	16.84	16.49	18.00
		1	49	16.40	16.82	16.38	18.00
		25	0	16.58	16.84	16.57	18.00
		25	13	16.77	16.79	16.61	18.00
		25	25	16.61	16.71	16.93	18.00
	16QAM	50	0	16.51	16.32	16.23	18.00
		1	0	16.64	16.89	17.08	18.00
		1	25	16.88	16.52	16.51	18.00
		1	49	16.43	16.68	16.57	18.00
		25	0	16.72	16.87	16.70	18.00
		25	13	16.62	16.68	16.88	18.00
	64QAM	25	25	17.08	17.12	16.62	18.00
		50	0	16.53	16.90	16.83	18.00
		1	0	16.76	16.51	16.95	18.00
		1	25	16.63	16.78	17.15	18.00
		1	49	16.57	16.63	16.87	18.00
		25	0	16.71	16.69	17.07	18.00
	256QAM	25	13	16.83	16.67	16.86	18.00
		25	25	16.70	16.46	16.62	18.00
		50	0	16.83	16.43	16.88	18.00
		1	0	16.49	16.82	16.80	18.00
		1	25	16.96	16.75	16.97	18.00
		1	49	16.68	16.51	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.84	17.20	17.11	18.00
		1	38	16.48	16.79	16.36	18.00
		1	74	16.38	16.83	16.28	18.00
		36	0	16.74	16.90	16.75	18.00
		36	18	16.79	16.71	16.65	18.00
		36	39	16.45	16.64	17.07	18.00
		75	0	16.55	16.43	16.37	18.00
	16QAM	1	0	16.77	16.94	17.12	18.00
		1	38	16.82	16.65	16.75	18.00
		1	74	16.59	16.83	16.59	18.00
		36	0	16.75	16.86	16.79	18.00
		36	18	16.67	16.71	16.65	18.00
		36	39	17.09	16.89	16.63	18.00
	64QAM	75	0	16.52	16.75	16.73	18.00
		1	0	16.81	16.42	17.05	18.00
		1	38	16.78	16.57	16.92	18.00
		1	74	16.46	16.60	17.02	18.00
		36	0	16.74	16.55	16.89	18.00
		36	18	16.94	16.47	16.89	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	256QAM	36	39	16.72	16.52	16.86	18.00	
		75	0	16.68	16.53	16.88	18.00	
		1	0	16.63	16.70	16.89	18.00	
		1	38	16.82	16.79	17.01	18.00	
		1	74	16.59	16.59	16.69	18.00	
		36	0	16.98	16.53	16.60	18.00	
		36	18	16.83	16.81	16.67	18.00	
		36	39	16.76	16.60	16.43	18.00	
	75	0	16.23	16.97	16.49	18.00		
	20MHz	QPSK	1	0	16.93	17.26	17.01	18.00
			1	50	16.65	16.82	16.35	18.00
			1	99	16.21	16.72	16.38	18.00
			50	0	16.75	16.95	16.69	18.00
			50	25	16.65	16.92	16.72	18.00
			50	50	16.44	16.67	16.89	18.00
			100	0	16.71	16.76	16.25	18.00
		16QAM	1	0	16.84	16.94	17.02	18.00
			1	50	16.89	16.57	16.63	18.00
			1	99	16.42	16.72	16.61	18.00
			50	0	16.85	17.01	16.73	18.00
			50	25	16.58	16.80	16.90	18.00
			50	50	16.90	16.94	16.74	18.00
			100	0	16.50	16.81	16.73	18.00
		64QAM	1	0	16.57	16.39	16.90	18.00
			1	50	16.84	16.74	16.93	18.00
			1	99	16.54	16.67	17.03	18.00
			50	0	16.62	16.68	17.07	18.00
			50	25	16.87	16.49	16.92	18.00
			50	50	16.72	16.60	16.85	18.00
			100	0	16.73	16.39	16.92	18.00
		256QAM	1	0	16.62	16.85	16.89	18.00
			1	50	17.07	16.84	16.86	18.00
			1	99	16.62	16.47	16.78	18.00
			50	0	16.90	16.69	16.83	18.00
			50	25	16.79	16.81	16.68	18.00
			50	50	16.52	16.62	16.24	18.00
100			0	16.36	16.88	16.47	18.00	

LTE Band 4 Receive Off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.89	23.28	23.03	24.50
		1	2	23.02	23.14	23.06	24.50
		1	5	22.81	22.97	22.83	24.50
		3	0	23.06	23.59	23.13	24.50

	16QAM	3	2	23.20	23.54	23.18	24.50	
		3	3	23.26	23.56	23.52	24.50	
		6	0	23.28	23.10	23.08	24.50	
		1	0	23.42	23.59	23.55	24.50	
		1	2	23.11	23.68	23.28	24.50	
		1	5	22.95	23.22	23.20	24.50	
		3	0	22.36	22.85	22.37	23.50	
		3	2	22.45	22.62	22.16	23.50	
		3	3	22.60	22.75	22.14	23.50	
	64QAM	6	0	21.99	22.44	22.67	23.50	
		1	0	22.08	22.54	22.19	23.50	
		1	2	22.23	22.52	22.73	23.50	
		1	5	22.04	22.26	22.46	23.50	
		3	0	21.26	21.45	21.70	22.50	
		3	2	21.37	21.69	21.57	22.50	
		3	3	21.29	21.56	21.43	22.50	
	256QAM	6	0	21.16	21.16	21.37	22.50	
		1	0	19.09	19.46	19.41	20.50	
		1	2	19.31	19.64	19.49	20.50	
		1	5	19.12	19.63	19.33	20.50	
		3	0	19.48	19.19	19.25	20.50	
		3	2	19.62	19.68	19.28	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
3MHz	QPSK	1	0	22.91	23.36	23.36	24.50	
		1	7	22.95	23.14	23.02	24.50	
		1	14	22.44	23.17	22.77	24.50	
		8	0	22.97	23.33	23.46	24.50	
		8	4	23.35	23.49	22.94	24.50	
		8	7	22.97	23.20	23.33	24.50	
		15	0	23.33	23.26	23.16	24.50	
	16QAM	1	0	23.29	23.57	23.52	24.50	
		1	7	23.48	23.43	23.03	24.50	
		1	14	23.14	23.41	23.14	24.50	
		8	0	22.46	22.83	22.13	23.50	
		8	4	22.13	22.38	22.08	23.50	
		8	7	22.67	22.86	22.28	23.50	
		15	0	22.12	22.53	22.28	23.50	
	64QAM	1	0	22.34	22.38	22.31	23.50	
		1	7	22.19	22.57	22.70	23.50	
		1	14	22.12	22.40	22.63	23.50	
		8	0	21.07	21.61	21.64	22.50	
		8	4	21.62	21.66	21.62	22.50	
		8	7	21.18	21.53	21.44	22.50	
	256QAM	15	0	21.23	21.13	21.34	22.50	
		1	0	18.84	19.54	19.52	20.50	
			1	7	19.25	19.45	19.58	20.50

		1	14	19.37	19.71	19.11	20.50	
		8	0	19.45	19.46	19.11	20.50	
		8	4	19.46	19.39	19.04	20.50	
		8	7	19.35	19.54	19.12	20.50	
		15	0	18.74	19.67	19.06	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	22.83	23.56	23.09	24.50	
		1	13	22.88	23.47	22.96	24.50	
		1	24	22.62	23.01	22.85	24.50	
		12	0	22.90	23.31	23.28	24.50	
		12	6	23.20	23.38	23.09	24.50	
		12	13	22.93	23.54	23.35	24.50	
	16QAM	25	0	22.94	23.47	23.05	24.50	
		1	0	23.16	23.72	23.40	24.50	
		1	13	23.51	23.40	22.96	24.50	
		1	24	22.94	23.57	23.39	24.50	
		12	0	22.18	22.81	22.16	23.50	
		12	6	22.30	22.56	22.15	23.50	
	64QAM	12	13	22.78	22.80	22.08	23.50	
		25	0	21.86	22.76	22.64	23.50	
		1	0	21.95	22.14	22.61	23.50	
		1	13	22.44	22.74	22.42	23.50	
		1	24	22.02	22.28	22.41	23.50	
		12	0	21.48	21.53	21.31	22.50	
	256QAM	12	6	21.50	21.69	21.65	22.50	
		12	13	21.23	21.52	21.36	22.50	
		25	0	21.44	21.33	21.42	22.50	
		1	0	18.92	19.78	19.42	20.50	
		1	13	19.20	19.63	19.58	20.50	
		1	24	19.23	19.54	19.40	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	23.16	23.28	23.26	24.50
			1	25	22.88	23.50	23.08	24.50
1			49	22.56	23.02	23.09	24.50	
25			0	23.29	23.52	23.21	24.50	
25			13	23.21	23.70	23.04	24.50	
25			25	23.23	23.54	23.33	24.50	
50			0	23.07	23.12	22.84	24.50	
16QAM		1	0	23.24	23.60	23.54	24.50	
		1	25	23.19	23.39	23.10	24.50	
		1	49	23.22	23.24	23.07	24.50	
		25	0	22.28	22.85	22.29	23.50	
		25	13	22.18	22.54	22.24	23.50	

	64QAM	25	25	22.51	22.86	22.32	23.50
		50	0	21.85	22.83	22.38	23.50
		1	0	22.18	22.37	22.45	23.50
		1	25	22.19	22.70	22.40	23.50
		1	49	21.91	22.58	22.53	23.50
		25	0	21.37	21.53	21.64	22.50
		25	13	21.58	21.34	21.51	22.50
		25	25	21.16	21.70	21.17	22.50
	256QAM	50	0	21.43	21.36	21.37	22.50
		1	0	19.13	19.42	19.32	20.50
		1	25	19.21	19.71	19.70	20.50
		1	49	19.21	19.28	19.15	20.50
		25	0	19.24	19.41	19.32	20.50
		25	13	19.60	19.63	19.11	20.50
		25	25	19.32	19.75	18.80	20.50
50	0	18.75	19.62	18.98	20.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	22.97	23.22	23.02	24.50
		1	38	22.92	23.50	22.97	24.50
		1	74	22.43	23.39	23.05	24.50
		36	0	23.24	23.64	23.46	24.50
		36	18	23.56	23.51	23.27	24.50
		36	39	23.15	23.54	23.60	24.50
		75	0	23.25	23.08	22.76	24.50
	16QAM	1	0	23.54	23.62	23.43	24.50
		1	38	23.45	23.67	23.13	24.50
		1	74	22.96	23.41	23.42	24.50
		36	0	22.15	22.62	22.48	23.50
		36	18	22.50	22.80	22.34	23.50
		36	39	22.68	22.83	22.14	23.50
		75	0	21.94	22.68	22.65	23.50
	64QAM	1	0	22.28	22.49	22.53	23.50
		1	38	22.17	22.65	22.73	23.50
		1	74	22.07	22.53	22.71	23.50
		36	0	21.08	21.37	21.53	22.50
		36	18	21.66	21.33	21.49	22.50
		36	39	21.25	21.64	21.08	22.50
		75	0	21.19	21.41	21.35	22.50
	256QAM	1	0	19.07	19.41	19.21	20.50
		1	38	19.58	19.35	19.72	20.50
		1	74	19.32	19.36	19.33	20.50
		36	0	19.56	19.24	19.23	20.50
		36	18	19.32	19.46	19.03	20.50
		36	39	19.53	19.71	18.77	20.50
75		0	19.15	19.69	18.87	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	22.98	23.77	23.40	24.50

		1	50	22.79	23.20	22.74	24.50
		1	99	22.64	23.40	22.80	24.50
		50	0	22.92	23.55	23.31	24.50
		50	25	23.40	23.38	23.16	24.50
		50	50	23.34	23.37	23.31	24.50
		100	0	23.26	23.33	22.99	24.50
	16QAM	1	0	23.34	23.43	23.35	24.50
		1	50	23.31	23.42	23.07	24.50
		1	99	23.06	23.47	23.33	24.50
		50	0	22.11	22.61	22.22	23.50
		50	25	22.09	22.63	22.29	23.50
		50	50	22.49	22.69	22.09	23.50
	64QAM	100	0	21.78	22.83	22.47	23.50
		1	0	22.27	22.25	22.25	23.50
		1	50	22.23	22.46	22.57	23.50
		1	99	22.19	22.55	22.42	23.50
		50	0	21.27	21.34	21.65	22.50
		50	25	21.63	21.58	21.27	22.50
	256QAM	50	50	21.12	21.73	21.18	22.50
		100	0	21.21	21.38	21.39	22.50
		1	0	19.10	19.62	19.26	20.50
		1	50	19.61	19.71	19.43	20.50
		1	99	19.35	19.51	19.25	20.50
		50	0	19.27	19.29	19.20	20.50
		50	25	19.51	19.53	18.97	20.50
		50	50	19.29	19.65	18.89	20.50
		100	0	18.83	19.75	19.18	20.50

LTE Band 7 Receiver on&Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	14.06	14.18	14.24	15.00	
		1	13	13.89	14.14	14.00	15.00	
		1	24	14.01	14.18	13.86	15.00	
		12	0	13.92	14.43	13.86	15.00	
		12	6	14.27	14.28	14.24	15.00	
		12	13	14.04	14.33	14.24	15.00	
		25	0	14.33	14.20	14.21	15.00	
	16QAM	1	0	13.97	14.03	14.22	15.00	
		1	13	13.73	14.04	14.26	15.00	
		1	24	14.01	14.30	14.19	15.00	
		12	0	14.13	14.19	14.13	15.00	
		12	6	14.27	14.31	14.06	15.00	
		12	13	13.70	14.42	14.11	15.00	
	64QAM	25	0	14.20	13.75	14.16	15.00	
		1	0	13.67	14.06	13.82	15.00	
			1	13	13.70	14.01	13.86	15.00

		1	24	13.73	13.98	13.60	15.00		
		12	0	14.16	14.22	13.87	15.00		
		12	6	14.30	14.30	13.98	15.00		
		12	13	14.34	14.51	14.46	15.00		
		25	0	13.82	14.53	14.17	15.00		
	256QAM	1	0	14.01	14.30	14.24	15.00		
		1	13	14.05	13.90	14.10	15.00		
		1	24	14.31	14.09	14.30	15.00		
		12	0	14.10	14.34	14.10	15.00		
		12	6	14.44	14.37	14.10	15.00		
		12	13	14.32	14.36	14.08	15.00		
		25	0	14.19	14.21	13.84	15.00		
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
						20800	21100	21400	
		<b>10MHz</b>	QPSK	1	0	14.17	14.06	14.37	15.00
	1			25	13.55	14.09	13.97	15.00	
	1			49	13.63	14.29	14.06	15.00	
	25			0	13.90	14.24	14.13	15.00	
	25			13	13.99	14.40	14.29	15.00	
	25			25	14.42	14.41	14.33	15.00	
50	0			14.30	14.50	14.36	15.00		
16QAM	1		0	14.09	13.93	14.39	15.00		
	1		25	13.78	14.22	14.27	15.00		
	1		49	14.11	14.26	14.03	15.00		
	25		0	13.89	14.42	14.33	15.00		
	25		13	14.10	14.18	13.98	15.00		
	25		25	13.83	14.54	14.44	15.00		
	50		0	14.28	13.91	14.21	15.00		
64QAM	1		0	13.63	13.82	13.89	15.00		
	1		25	13.38	13.94	13.86	15.00		
	1		49	14.07	14.05	13.74	15.00		
	25		0	14.00	14.44	13.91	15.00		
	25		13	14.17	14.47	14.01	15.00		
	25		25	14.23	14.35	14.40	15.00		
	50		0	13.99	14.43	13.85	15.00		
256QAM	1		0	13.96	14.16	14.31	15.00		
	1		25	14.09	13.82	14.09	15.00		
	1		49	14.25	14.26	14.12	15.00		
	25		0	13.92	14.37	14.30	15.00		
	25		13	14.40	14.29	13.93	15.00		
	25		25	14.29	14.38	14.07	15.00		
	50		0	14.32	14.16	13.82	15.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>		
				20825	21100	21375			
<b>15MHz</b>	QPSK	1	0	14.24	14.09	14.11	15.00		
		1	38	13.63	14.01	13.97	15.00		
		1	74	13.93	14.12	14.07	15.00		
		36	0	14.06	14.14	13.90	15.00		
		36	18	14.14	14.13	14.12	15.00		

	16QAM	36	39	14.05	14.63	14.22	15.00	
		75	0	14.31	14.41	14.22	15.00	
		1	0	14.15	13.96	14.31	15.00	
		1	38	13.91	14.12	14.06	15.00	
		1	74	14.03	13.99	13.84	15.00	
		36	0	13.85	14.53	14.30	15.00	
		36	18	14.17	14.42	13.98	15.00	
		36	39	14.02	14.37	14.45	15.00	
	64QAM	75	0	14.35	13.88	13.99	15.00	
		1	0	13.61	14.04	13.97	15.00	
		1	38	13.53	13.94	14.12	15.00	
		1	74	13.87	14.16	13.73	15.00	
		36	0	13.90	14.22	14.16	15.00	
		36	18	14.35	14.57	13.85	15.00	
		36	39	14.14	14.48	14.50	15.00	
		75	0	14.02	14.35	14.22	15.00	
	256QAM	1	0	13.84	14.23	14.33	15.00	
		1	38	14.14	13.96	13.85	15.00	
		1	74	14.25	14.20	14.11	15.00	
		36	0	14.01	14.47	14.45	15.00	
		36	18	14.09	14.21	14.30	15.00	
		36	39	13.97	14.26	14.15	15.00	
		75	0	14.37	14.20	14.11	15.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20850	21100	21350	
	<b>20MHz</b>	QPSK	1	0	14.21	14.74	14.21	15.00
			1	50	13.70	13.98	13.84	15.00
1			99	14.02	14.33	14.12	15.00	
50			0	13.91	14.58	14.12	15.00	
50			25	14.19	14.05	14.19	15.00	
50			50	14.20	14.50	14.06	15.00	
100			0	14.23	14.51	14.44	15.00	
16QAM			1	0	13.96	14.13	14.07	15.00
		1	50	13.90	14.22	14.01	15.00	
		1	99	14.36	13.97	13.80	15.00	
		50	0	13.78	14.55	14.30	15.00	
		50	25	14.12	14.15	14.23	15.00	
		50	50	14.08	14.44	14.18	15.00	
		100	0	14.34	14.07	14.24	15.00	
		64QAM	1	0	13.39	13.80	13.76	15.00
1			50	13.41	14.04	13.85	15.00	
1			99	13.85	13.84	13.97	15.00	
50			0	13.97	14.30	14.02	15.00	
50			25	14.15	14.49	14.11	15.00	
50			50	14.17	14.53	14.50	15.00	
100			0	13.98	14.58	13.88	15.00	
256QAM			1	0	14.07	14.32	14.21	15.00
		1	50	14.08	14.07	14.11	15.00	
		1	99	14.13	14.37	14.40	15.00	



		50	0	13.89	14.25	14.48	15.00
		50	25	14.15	14.07	14.14	15.00
		50	50	14.27	14.51	14.10	15.00
		100	0	14.25	14.27	14.15	15.00

LTE Band 7 Receive Off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.24	21.52	21.35	22.00
		1	13	20.95	21.34	21.03	22.00
		1	24	21.06	21.43	21.16	22.00
		12	0	21.05	21.50	21.07	22.00
		12	6	21.27	21.39	21.49	22.00
		12	13	21.42	21.69	21.49	22.00
		25	0	21.38	21.55	21.40	22.00
	16QAM	1	0	21.22	21.20	21.47	22.00
		1	13	21.00	21.31	21.42	22.00
		1	24	21.42	21.26	21.23	22.00
		12	0	21.11	21.53	21.35	22.00
		12	6	21.29	21.45	21.29	22.00
		12	13	21.03	21.54	21.51	22.00
		25	0	21.38	21.16	21.26	22.00
	64QAM	1	0	20.75	21.03	21.15	22.00
		1	13	20.77	21.01	21.20	22.00
		1	24	21.04	21.25	20.97	22.00
		12	0	20.18	20.47	20.30	21.00
		12	6	20.50	20.62	20.07	21.00
		12	13	20.36	20.70	20.45	21.00
		25	0	20.15	20.67	20.16	21.00
	256QAM	1	0	18.19	18.43	18.45	19.00
		1	13	18.47	18.23	18.12	19.00
		1	24	18.47	18.42	18.52	19.00
		12	0	18.26	18.57	18.41	19.00
		12	6	18.49	18.44	18.25	19.00
		12	13	18.36	18.62	18.46	19.00
		25	0	18.41	18.55	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.33	21.41	21.39	22.00
		1	25	20.92	21.21	21.01	22.00
		1	49	20.97	21.39	21.11	22.00
		25	0	21.08	21.58	21.14	22.00
		25	13	21.26	21.46	21.42	22.00
		25	25	21.49	21.71	21.42	22.00
		50	0	21.43	21.55	21.44	22.00
	16QAM	1	0	21.18	21.17	21.49	22.00
		1	25	21.11	21.29	21.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

		1	49	21.45	21.38	21.17	22.00
		25	0	21.21	21.63	21.35	22.00
		25	13	21.33	21.44	21.28	22.00
		25	25	21.10	21.62	21.48	22.00
		50	0	21.40	21.17	21.32	22.00
	64QAM	1	0	20.78	21.12	21.04	22.00
		1	25	20.66	21.11	21.13	22.00
		1	49	21.16	21.27	20.97	22.00
		25	0	20.13	20.51	20.18	21.00
		25	13	20.46	20.53	20.13	21.00
	256QAM	25	25	20.38	20.76	20.55	21.00
		50	0	20.22	20.70	20.24	21.00
		1	0	18.26	18.46	18.47	19.00
		1	25	18.47	18.18	18.17	19.00
		1	49	18.54	18.51	18.53	19.00
		25	0	18.29	18.57	18.50	19.00
		25	13	18.50	18.42	18.27	19.00
		25	25	18.26	18.61	18.43	19.00
50		0	18.47	18.54	18.17	19.00	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	21.33	21.39	21.34	22.00
		1	38	20.87	21.26	21.04	22.00
		1	74	20.95	21.37	21.11	22.00
		36	0	21.11	21.51	21.12	22.00
		36	18	21.36	21.41	21.46	22.00
		36	39	21.46	21.63	21.40	22.00
		75	0	21.44	21.48	21.44	22.00
	16QAM	1	0	21.13	21.14	21.47	22.00
		1	38	21.11	21.27	21.31	22.00
		1	74	21.39	21.30	21.18	22.00
		36	0	21.08	21.56	21.36	22.00
		36	18	21.37	21.50	21.24	22.00
		36	39	21.10	21.53	21.42	22.00
		75	0	21.36	21.11	21.29	22.00
	64QAM	1	0	20.73	21.04	21.05	22.00
		1	38	20.72	21.07	21.08	22.00
		1	74	21.12	21.27	20.94	22.00
		36	0	20.23	20.43	20.31	21.00
		36	18	20.45	20.66	20.09	21.00
		36	39	20.43	20.68	20.44	21.00
		75	0	20.26	20.60	20.21	21.00
	256QAM	1	0	18.19	18.38	18.39	19.00
		1	38	18.43	18.27	18.12	19.00
		1	74	18.45	18.54	18.45	19.00
		36	0	18.27	18.51	18.45	19.00
		36	18	18.55	18.41	18.36	19.00
		36	39	18.25	18.62	18.39	19.00
75		0	18.49	18.53	18.20	19.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.26	21.72	21.37	22.00
		1	50	20.86	21.32	21.06	22.00
		1	99	21.05	21.42	21.20	22.00
		50	0	21.04	21.52	21.07	22.00
		50	25	21.24	21.47	21.43	22.00
		50	50	21.45	21.46	21.47	22.00
		100	0	21.45	21.57	21.52	22.00
	16QAM	1	0	21.22	21.24	21.45	22.00
		1	50	21.06	21.37	21.44	22.00
		1	99	21.38	21.32	21.18	22.00
		50	0	21.21	21.60	21.38	22.00
		50	25	21.36	21.50	21.36	22.00
		50	50	21.11	21.49	21.52	22.00
		100	0	21.41	21.11	21.33	22.00
	64QAM	1	0	20.75	21.02	21.02	22.00
		1	50	20.65	21.01	21.15	22.00
		1	99	21.13	21.15	21.01	22.00
		50	0	20.25	20.51	20.30	21.00
		50	25	20.50	20.60	20.19	21.00
		50	50	20.35	20.77	20.49	21.00
		100	0	20.19	20.59	20.19	21.00
	256QAM	1	0	18.16	18.44	18.47	19.00
		1	50	18.48	18.17	18.12	19.00
		1	99	18.47	18.46	18.51	19.00
		50	0	18.28	18.56	18.50	19.00
		50	25	18.47	18.40	18.25	19.00
		50	50	18.31	18.69	18.44	19.00
		100	0	18.40	18.44	18.16	19.00

## 10 Conducted Power of LTE Uplink CA

### 10.1 Conducted Power of LTE Uplink CA(Ant0)

Combination	Modulation	PCC						SCC					Full Power		Sensor on&Hotspot 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_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.94	23.50	21.61	22.00
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	22.97	23.50	21.68	22.00
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	23.21	23.50	21.73	22.00
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	22.76	23.50	21.59	22.00

Combination	Modulation	PCC						SCC					Full Power	
		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)
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	22.67	24.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.75	24.00
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	22.75	24.00

CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	22.61	24.00
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### 10.2 Conducted Power of LTE Uplink CA(Ant2)

Combination	Modulation	PCC						SCC					Full Power		Sensor on & Hotspot 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_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	25.02	25.50	19.02	19.50
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	25.09	25.50	19.08	19.50
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	25.09	25.50	19.15	19.50
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	24.91	25.50	19.11	19.50

Combination	Modulation	PCC						SCC					Full Power		Sensor on & Hotspot 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_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	24.94	25.70	20.44	21.20
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	25.16	25.70	20.66	21.20
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	25.16	25.70	20.52	21.20
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	25.08	25.70	20.38	21.20

### 10.3 Conducted Power of LTE Uplink CA(Ant3)

Combination	Modulation	PCC						SCC					Full Power		Receiver on & Hotspot on		Sensor on		Receiver off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	25.49	26.00	18.73	19.00	21.07	21.50	24.18	24.50
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	25.63	26.00	18.62	19.00	21.19	21.50	24.21	24.50
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	25.63	26.00	18.76	19.00	21.30	21.50	24.31	24.50
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	25.52	26.00	18.59	19.00	21.13	21.50	24.19	24.50

Combination	Modulation	PCC						SCC					Full Power		Receiver on / Hotspot on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	25.52	25.70	16.97	17.20	22.73	23.20
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	25.40	25.70	17.00	17.20	22.85	23.20
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	25.40	25.70	16.85	17.20	22.78	23.20
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	25.50	25.70	16.70	17.20	22.68	23.20

### 10.4 Conducted Power of LTE Uplink CA(Ant5)

Combination	Modulation	PCC						SCC					Full Power		Receiver on & Hotspot 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_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.22	25.00	17.08	19.00	21.13	21.50
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	24.41	25.00	17.11	19.00	21.22	21.50
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	24.41	25.00	17.14	17.50	21.30	21.50

CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	24.29	25.00	17.03	19.00	21.06	21.50
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Combination	Modulation	PCC						SCC					Full Power		Receiver on & Hotspot 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_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	24.23	25.50	16.51	17.50	22.89	24.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.33	25.50	16.58	17.50	22.71	24.00
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	24.33	25.50	16.62	17.50	22.88	24.00
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	24.47	25.50	16.52	17.50	22.68	24.00

## 11 Conducted Power of LTE Downlink CA

CA Configuration (BCS)	PCC								SCC1				SCC2				Power	
	LTE Band	Ant	BW (MHz)	Mod.	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
CA_2C	Band 2	2	20M	QPSK	1880	18900	1	0	Band 2	20M	1979.8	1098	-	-	-	-	24.22	24.76
CA_2C	Band 2	3	20M	QPSK	1880	18900	1	0	Band 2	20M	1979.8	1098	-	-	-	-	24.88	25.04
CA_38C(4x4 MIMO)	Band 38	0	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	22.67	22.75
CA_38C(4x4 MIMO)	Band 38	2	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	24.83	25.16
CA_38C(4x4 MIMO)	Band 38	3	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	25.31	25.54
CA_38C(4x4 MIMO)	Band 38	5	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	24.28	24.47
CA_41C(4x4 MIMO)	Band 41	0	20M	QPSK	40620	2593	1	0	Band 41	20M	2612.8	40818	-	-	-	-	22.74	22.84
CA_41C(4x4 MIMO)	Band 41	2	20M	QPSK	40620	2593	1	0	Band 41	20M	2612.8	40818	-	-	-	-	24.32	24.51
CA_41C(4x4 MIMO)	Band 41	3	20M	QPSK	40620	2593	1	0	Band 41	20M	2612.8	40818	-	-	-	-	24.91	24.98
CA_41C(4x4 MIMO)	Band 41	5	20M	QPSK	40620	2593	1	0	Band 41	20M	2612.8	40818	-	-	-	-	23.76	23.83
CA_5A-41A(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 41	20M	2593	40620	-	-	-	-	25.34	25.43
CA_5A-41A(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 41	20M	2593	40620	-	-	-	-	25.01	25.20
CA_2A-4A-5A	Band 2	2	20M	QPSK	1880	18900	1	0	Band 4	20M	2132.5	2175	5	10M	881.5	2525	24.66	24.76
CA_2A-4A-5A	Band 2	3	20M	QPSK	1880	18900	1	0	Band 4	20M	2132.5	2175	5	10M	881.5	2525	25.01	25.04
CA_2A-7A-7A	Band 2	2	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	24.56	24.76
CA_2A-7A-7A	Band 2	3	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	24.97	25.04
CA_2A-7C	Band 2	2	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.61	24.76
CA_2A-7C	Band 2	3	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.89	25.04
CA_4A(4x4 MIMO)-7C(4x4 MIMO)	Band 4	0	20M	QPSK	20175	1732.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	23.22	23.28
CA_4A(4x4 MIMO)-7C(4x4 MIMO)	Band 4	2	20M	QPSK	20175	1732.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.78	24.90
CA_4A(4x4 MIMO)-7C(4x4 MIMO)	Band 4	3	20M	QPSK	20175	1732.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.97	25.05
CA_4A(4x4 MIMO)-7C(4x4 MIMO)	Band 4	5	20M	QPSK	20175	1732.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.11	24.23
CA_5A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	25.18	25.43
CA_5A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	25.13	25.20

CA_5A-7C(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	25.29	25.43
CA_5A-7C(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.99	25.20
CA_41A(4x4 MIMO)-41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	0	20M	QPSK	40620	2593	1	0	Band 41	5M	2687.5	41565	41	20M	QPSK	39750	22.81	22.84
CA_41A(4x4 MIMO)-41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	2	20M	QPSK	40620	2593	1	0	Band 41	5M	2687.5	41565	41	20M	QPSK	39750	24.38	24.51
CA_41A(4x4 MIMO)-41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	3	20M	QPSK	40620	2593	1	0	Band 41	5M	2687.5	41565	41	20M	QPSK	39750	24.91	24.98
CA_41A(4x4 MIMO)-41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	5	20M	QPSK	40620	2593	1	0	Band 41	5M	2687.5	41565	41	20M	QPSK	39750	23.82	23.83

## 12 Conducted Power of NR SA Antenna

### 12.1 Conducted Power of NR SA Antenna (Ant0)

N5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.47	24.49	24.43	25.50
		1	53	24.58	24.60	24.69	25.50
		1	104	24.34	24.39	24.42	25.50
		50	0	23.14	23.15	23.18	24.50
		50	28	24.24	24.28	24.29	25.50
		50	56	23.51	23.53	23.59	24.50
	DFT-s-OFDM QPSK	100	0	23.37	23.41	23.42	24.50
		1	1	24.61	24.71	24.68	25.50
		1	53	24.48	24.56	24.63	25.50
		1	104	24.42	24.47	24.56	25.50
		50	0	23.18	23.23	23.25	24.50
		50	28	24.36	24.39	24.37	25.50
	DFT-s-OFDM 16QAM	50	56	23.46	23.55	23.60	24.50
		100	0	23.34	23.42	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	23.45	23.50	23.54	24.50
	DFT-s-OFDM 256QAM	1	1	22.29	22.35	22.39	23.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.09	20.12	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.05	22.13	22.23	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	24.52	24.25	24.25	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	24.45	24.26	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	24.51	24.27	24.14	25.50

N5 sensor on&Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.92	22.89	22.88	24.00	
		1	53	22.99	23.02	23.12	24.00	
		1	104	22.76	22.84	22.84	24.00	
		50	0	21.56	21.58	21.60	23.00	
		50	28	22.67	22.72	22.72	24.00	
		50	56	21.91	21.93	22.01	23.00	
		100	0	21.82	21.83	21.84	23.00	
	DFT-s-OFDM QPSK	1	1	23.03	23.42	23.08	24.00	
		1	53	22.93	22.98	23.06	24.00	
		1	104	22.86	22.87	23.01	24.00	
		50	0	21.63	21.68	21.69	23.00	
		50	28	23.06	23.35	23.01	24.00	
		50	56	21.90	21.99	22.00	23.00	
	DFT-s-OFDM 16QAM	1	1	21.86	21.90	21.94	23.00	
		1	1	20.71	20.78	20.79	21.50	
		1	1	18.45	18.49	18.57	19.50	
		1	1	18.45	18.49	18.57	19.50	
	Bandwidth	20.67+E30:K32	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	CP-OFDM QPSK	1	1	20.89	20.56	20.88	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	DFT-s-OFDM QPSK	1	1	22.90	22.91	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	22.92	22.92	22.85	24.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	22.91	22.93	22.86	24.00



N7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.90	22.90	22.81	24.00
		1	108	22.64	22.69	22.64	24.00
		1	214	22.60	22.66	22.55	24.00
		108	0	21.86	21.91	21.89	23.00
		108	54	22.68	22.70	22.73	24.00
		108	108	21.75	21.81	21.76	23.00
	DFT-s-OFDM QPSK	216	0	21.90	21.98	21.89	23.00
		1	1	22.91	22.96	22.88	24.00
		1	108	22.69	22.72	22.67	24.00
		1	214	22.68	22.68	22.64	24.00
		108	0	21.93	21.95	21.89	23.00
		108	54	22.74	22.78	22.76	24.00
	DFT-s-OFDM 16QAM	108	108	21.81	21.83	21.80	23.00
		216	0	21.91	22.00	21.94	23.00
		1	1	21.84	21.90	21.88	23.00
		1	1	20.55	20.60	20.53	21.50
DFT-s-OFDM 64QAM	1	1	18.50	18.52	18.46	19.50	
	1	1	18.50	18.52	18.46	19.50	
DFT-s-OFDM 256QAM	1	1	18.50	18.52	18.46	19.50	
	1	1	18.50	18.52	18.46	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	20.38	20.22	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.88	22.91	22.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.81	22.90	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.79	22.84	22.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	

15MHz	DFT-s-OFDM QPSK	1	1	22.99	22.87	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.78	22.84	22.77	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.65	22.87	22.78	24.00

N7 sensor on&Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
				2520	2535	2550		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.33	20.34	20.25	21.50	
		1	108	20.08	20.13	20.09	21.50	
		1	214	20.04	20.09	19.99	21.50	
		108	0	19.31	19.33	19.31	20.50	
		108	54	20.13	20.12	20.15	21.50	
		108	108	19.20	19.25	19.18	20.50	
		216	0	19.34	19.41	19.31	20.50	
	DFT-s-OFDM QPSK	1	1	20.35	20.38	20.31	21.50	
		1	108	20.12	20.17	20.12	21.50	
		1	214	20.10	20.08	20.04	21.50	
		108	0	19.34	19.37	19.30	20.50	
		108	54	20.15	20.21	20.20	21.50	
		108	108	19.24	19.25	19.23	20.50	
		216	0	19.34	19.43	19.34	20.50	
	DFT-s-OFDM 16QAM	1	1	19.27	19.30	19.32	20.50	
	DFT-s-OFDM 64QAM	1	1	17.98	18.02	17.98	19.00	
	DFT-s-OFDM 256QAM	1	1	15.90	15.97	15.91	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
	40MHz	CP-OFDM QPSK	1	1	18.46	18.55	18.43	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
	30MHz	DFT-s-OFDM QPSK	1	1	20.31	20.33	20.23	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.31	20.34	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.33	20.35	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.35	20.34	20.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.31	20.31	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.32	20.32	20.26	21.50

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.07	22.97	23.01	24.00
		1	53	22.74	22.82	22.71	24.00
		1	104	22.89	22.90	22.92	24.00
		50	0	21.89	21.95	21.92	23.00
		50	28	22.92	22.87	22.87	24.00
		50	56	21.94	22.05	21.92	23.00
	DFT-s-OFDM QPSK	1	1	23.08	23.03	23.04	24.00
		1	53	22.78	22.85	22.75	24.00
		1	104	22.98	22.99	22.94	24.00
		50	0	21.98	22.00	21.92	23.00
		50	28	22.92	22.97	22.93	24.00
		50	56	22.00	22.06	22.01	23.00
	DFT-s-OFDM 16QAM	1	1	21.54	21.62	21.55	23.00
		1	1	20.60	20.64	20.61	21.50

	DFT-s-OFDM 256QAM	1	1	18.62	18.62	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.55	20.61	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.92	22.88	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.12	22.67	22.92	24.00

N38 sensor on&Hotspot on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.51	20.41	20.42	21.50	
		1	53	20.14	20.27	20.15	21.50	
		1	104	20.34	20.34	20.36	21.50	
		50	0	19.32	19.36	19.32	20.50	
		50	28	20.33	20.32	20.30	21.50	
		50	56	19.38	19.49	19.37	20.50	
		100	0	19.43	19.48	19.39	20.50	
	DFT-s-OFDM QPSK	1	1	20.49	20.44	20.45	21.50	
		1	53	20.20	20.27	20.19	21.50	
		1	104	20.42	20.42	20.37	21.50	
		50	0	19.39	19.41	19.32	20.50	
		50	28	20.35	20.40	20.37	21.50	
		50	56	19.43	19.47	19.46	20.50	
		100	0	19.45	19.53	19.48	20.50	
	DFT-s-OFDM 16QAM	1	1	18.95	19.02	18.97	20.50	
	DFT-s-OFDM 64QAM	1	1	18.01	18.05	18.05	19.00	
	DFT-s-OFDM 256QAM	1	1	16.03	16.06	16.02	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
	40MHz	CP-OFDM QPSK	1	1	18.52	18.61	18.54	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.47	20.39	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.50	20.42	20.42	21.50

N41				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2592.99	2640	24.50	
		1	137	23.30	23.52	23.47	24.50	
		1	271	23.05	23.67	23.68	24.50	
		135	0	23.82	23.77	23.12	24.50	
		135	69	22.45	22.56	22.32	23.50	
		135	138	23.34	23.54	23.19	24.50	
		270	0	22.83	22.82	22.80	23.50	
	DFT-s-OFDM QPSK	1	1	23.34	23.85	23.49	24.50	
		1	137	23.08	23.71	23.78	24.50	
		1	271	23.82	23.82	23.15	24.50	
		135	0	22.48	22.64	22.40	23.50	
		135	69	23.34	23.61	23.26	24.50	
		135	138	22.90	22.85	22.89	23.50	
	DFT-s-OFDM 16QAM	1	1	22.54	22.73	22.50	23.50	
		1	1	21.87	21.97	21.92	23.50	
		1	1	20.70	20.76	20.71	22.00	
		1	1	19.08	19.10	19.09	20.00	
	DFT-s-OFDM 256QAM	1	1					
		1	1					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	509202	518598	528000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	508200	518598	528996	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				507204	518598	529998		