



	64QAM	12	13	21.41	21.51	21.55	21.6	21.42	22.00	
		25	0	21.46	21.55	21.64	21.74	21.51	22.00	
		1	0	21.49	21.52	21.58	21.55	21.55	22.00	
		1	13	21.45	21.72	21.57	21.87	21.70	22.00	
		1	24	21.25	21.65	21.65	21.42	21.55	22.00	
		12	0	20.93	20.77	20.91	20.79	20.80	21.00	
		12	6	20.95	20.87	20.75	20.95	20.82	21.00	
		12	13	20.68	20.62	20.81	20.83	20.65	21.00	
	256QAM	25	0	20.73	20.87	20.88	20.88	20.98	21.00	
		1	0	18.89	18.83	18.78	18.70	18.84	19.00	
		1	13	18.76	18.63	18.88	18.95	18.74	19.00	
		1	24	18.66	18.74	18.64	18.74	18.80	19.00	
		12	0	18.82	18.82	18.92	18.92	18.94	19.00	
		12	6	18.84	18.81	18.79	18.76	18.79	19.00	
		12	13	18.81	18.64	18.94	18.93	18.75	19.00	
		25	0	18.72	18.70	18.67	18.69	18.69	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39700	40160	40620	41080	41540		
<b>10MHz</b>	QPSK	1	0	23.3	23.36	23.41	23.64	23.43	24.00	
		1	25	23.31	23.42	23.43	23.43	23.32	24.00	
		1	49	23.36	23.37	23.41	23.53	23.15	24.00	
		25	0	22.51	22.46	22.45	22.79	22.57	23.00	
		25	13	22.38	22.56	22.55	22.75	22.57	23.00	
		25	25	22.47	22.44	22.62	22.71	22.48	23.00	
	16QAM	50	0	22.43	22.53	22.62	22.74	22.65	23.00	
		1	0	22.51	22.6	22.5	22.77	22.65	23.00	
		1	25	22.36	22.52	22.63	22.73	22.44	23.00	
		1	49	22.38	22.38	22.58	22.64	22.44	23.00	
		25	0	21.51	21.51	21.59	21.67	21.64	22.00	
		25	13	21.46	21.61	21.52	21.83	21.66	22.00	
	64QAM	25	25	21.4	21.57	21.67	21.51	21.48	22.00	
		50	0	21.52	21.59	21.69	21.71	21.55	22.00	
		1	0	21.56	21.49	21.65	21.59	21.56	22.00	
		1	25	21.55	21.65	21.47	21.79	21.74	22.00	
		1	49	21.34	21.56	21.58	21.46	21.53	22.00	
		25	0	20.88	20.86	20.82	20.81	20.81	21.00	
	256QAM	25	13	20.87	20.78	20.78	20.86	20.78	21.00	
		25	25	20.76	20.66	20.74	20.78	20.72	21.00	
		50	0	20.79	20.77	20.87	20.91	20.92	21.00	
		1	0	18.84	18.84	18.79	18.68	18.84	19.00	
		1	25	18.81	18.68	18.87	18.96	18.75	19.00	
		1	49	18.61	18.70	18.63	18.74	18.81	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39725	40173	40620	41068	41515	
	<b>15MHz</b>	QPSK	1	0	23.17	23.25	23.25	23.39	23.38	24.00
			1	38	23.07	23.15	23.23	23.25	23.24	24.00
1			74	23.1	23.21	23.35	23.46	23.18	24.00	
36			0	22.38	22.42	22.42	22.5	22.41	23.00	
36			18	22.24	22.42	22.4	22.53	22.39	23.00	
36			39	22.38	22.38	22.47	22.54	22.37	23.00	
75			0	22.42	22.46	22.45	22.6	22.4	23.00	



	16QAM	1	0	22.31	22.39	22.41	22.51	22.59	23.00
		1	38	22.37	22.43	22.44	22.54	22.33	23.00
		1	74	22.31	22.51	22.54	22.49	22.41	23.00
		36	0	21.43	21.32	21.42	21.51	21.52	22.00
		36	18	21.26	21.41	21.39	21.46	21.42	22.00
		36	39	21.32	21.38	21.48	21.58	21.32	22.00
		75	0	21.36	21.43	21.49	21.57	21.56	22.00
	64QAM	1	0	21.55	21.44	21.74	21.69	21.66	22.00
		1	38	21.50	21.61	21.54	21.85	21.83	22.00
		1	74	21.38	21.56	21.57	21.41	21.60	22.00
		36	0	20.88	20.77	20.81	20.74	20.83	21.00
		36	18	20.96	20.82	20.84	20.85	20.68	21.00
		36	39	20.79	20.72	20.80	20.84	20.70	21.00
		75	0	20.85	20.87	20.90	20.91	20.83	21.00
	256QAM	1	0	18.87	18.87	18.79	18.68	18.79	19.00
		1	38	18.78	18.68	18.88	18.91	18.77	19.00
		1	74	18.61	18.67	18.58	18.72	18.74	19.00
		36	0	18.75	18.79	18.86	18.93	18.98	19.00
		36	18	18.89	18.83	18.77	18.76	18.74	19.00
		36	39	18.79	18.70	18.90	18.92	18.72	19.00
		75	0	18.62	18.65	18.68	18.69	18.68	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	23.02	23.19	23.47	23.49	23.46	24.00
		1	50	23.09	23.22	23.26	23.25	23.21	24.00
		1	99	23.22	23.13	23.32	23.41	23.16	24.00
		50	0	22.23	22.33	22.43	22.59	22.56	23.00
		50	25	22.31	22.39	22.49	22.6	22.54	23.00
		50	50	22.27	22.42	22.46	22.48	22.46	23.00
		100	0	22.34	22.44	22.49	22.48	22.45	23.00
	16QAM	1	0	22.13	22.4	22.59	22.68	22.65	23.00
		1	50	22.26	22.31	22.4	22.38	22.34	23.00
		1	99	22.24	22.4	22.45	22.47	22.49	23.00
		50	0	21.26	21.33	21.39	21.64	21.6	22.00
		50	25	21.33	21.48	21.44	21.48	21.52	22.00
		50	50	21.25	21.34	21.52	21.57	21.45	22.00
		100	0	21.34	21.44	21.46	21.55	21.61	22.00
	64QAM	1	0	21.46	21.40	21.56	21.58	21.50	22.00
		1	50	21.64	21.70	21.43	21.77	21.72	22.00
		1	99	21.33	21.55	21.51	21.54	21.54	22.00
		50	0	20.89	20.90	20.82	20.74	20.85	21.00
		50	25	20.77	20.68	20.86	20.93	20.68	21.00
		50	50	20.67	20.70	20.65	20.74	20.75	21.00
		100	0	20.83	20.79	20.86	20.96	20.97	21.00
	256QAM	1	0	18.88	18.87	18.81	18.70	18.82	19.00
		1	50	18.78	18.68	18.90	18.91	18.73	19.00
		1	99	18.66	18.70	18.63	18.69	18.77	19.00
		50	0	18.80	18.82	18.87	18.95	18.99	19.00
		50	25	18.87	18.84	18.79	18.73	18.78	19.00
		50	50	18.76	18.69	18.91	18.90	18.73	19.00
		100	0	18.67	18.68	18.63	18.64	18.72	19.00

<b>LTE Band 41 Receiver on + WLAN</b>	<b>Conducted Power(dBm)</b>
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	19.77	19.47	19.33	19.76	19.64	20.00	
		1	13	19.71	19.45	19.14	19.61	19.45	20.00	
		1	24	19.65	19.46	19.21	19.67	19.51	20.00	
		12	0	19.88	19.61	19.43	19.8	19.61	20.00	
		12	6	19.74	19.52	19.31	19.77	19.64	20.00	
		12	13	19.74	19.43	19.29	19.73	19.61	20.00	
	16QAM	25	0	19.74	19.48	19.31	19.73	19.62	20.00	
		1	0	19.84	19.69	19.49	19.92	19.79	20.00	
		1	13	19.78	19.54	19.29	19.7	19.56	20.00	
		1	24	19.71	19.52	19.34	19.81	19.55	20.00	
		12	0	19.84	19.6	19.4	19.89	19.68	20.00	
		12	6	19.77	19.55	19.34	19.82	19.68	20.00	
	64QAM	12	13	19.73	19.53	19.34	19.73	19.65	20.00	
		25	0	19.79	19.49	19.35	19.73	19.71	20.00	
		1	0	19.75	19.62	19.46	19.88	19.74	20.00	
		1	13	19.68	19.45	19.19	19.63	19.51	20.00	
		1	24	19.62	19.43	19.27	19.74	19.46	20.00	
		12	0	19.80	19.57	19.34	19.86	19.63	20.00	
	256QAM	12	6	19.74	19.52	19.28	19.74	19.60	20.00	
		12	13	19.66	19.49	19.24	19.68	19.60	20.00	
		25	0	19.69	19.41	19.28	19.70	19.63	20.00	
		1	0	18.80	18.73	18.71	18.67	18.80	19.00	
		1	13	18.72	18.55	18.84	18.87	18.64	19.00	
		1	24	18.61	18.70	18.60	18.69	18.74	19.00	
	10MHz	QPSK	12	0	18.75	18.75	18.84	18.85	18.84	19.00
			12	6	18.78	18.76	18.75	18.68	18.72	19.00
			12	13	18.77	18.54	18.89	18.85	18.66	19.00
			25	0	18.67	18.64	18.59	18.62	18.62	19.00
1			0	19.75	19.52	19.34	19.81	19.57	20.00	
1			25	19.76	19.39	19.15	19.56	19.41	20.00	
16QAM		1	49	19.65	19.41	19.22	19.62	19.47	20.00	
		25	0	19.86	19.62	19.37	19.84	19.64	20.00	
		25	13	19.71	19.54	19.25	19.78	19.64	20.00	
		25	25	19.7	19.5	19.24	19.74	19.56	20.00	
	50	0	19.81	19.49	19.35	19.69	19.67	20.00		
	1	0	19.84	19.65	19.52	19.91	19.79	20.00		
64QAM	1	25	19.84	19.55	19.34	19.73	19.53	20.00		
	1	49	19.72	19.54	19.37	19.81	19.6	20.00		
	25	0	19.88	19.61	19.4	19.81	19.68	20.00		
	25	13	19.82	19.58	19.33	19.79	19.68	20.00		
	25	25	19.77	19.54	19.34	19.73	19.61	20.00		
	50	0	19.79	19.53	19.27	19.73	19.72	20.00		
256QAM	1	0	19.68	19.54	19.38	19.78	19.68	20.00		
	1	25	19.61	19.36	19.11	19.56	19.43	20.00		
	1	49	19.52	19.38	19.22	19.65	19.37	20.00		
	25	0	19.70	19.51	19.25	19.82	19.54	20.00		
	25	13	19.68	19.42	19.23	19.70	19.53	20.00		
	25	25	19.58	19.44	19.18	19.64	19.50	20.00		
256QAM	50	0	19.62	19.31	19.21	19.65	19.54	20.00		
	1	0	18.77	18.66	18.61	18.60	18.70	19.00		
		1	25	18.65	18.46	18.77	18.81	18.60	19.00	

		1	49	18.54	18.60	18.53	18.61	18.68	19.00	
		25	0	18.67	18.66	18.78	18.76	18.78	19.00	
		25	13	18.72	18.73	18.72	18.58	18.64	19.00	
		25	25	18.70	18.46	18.79	18.76	18.60	19.00	
		50	0	18.62	18.61	18.53	18.59	18.59	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39725	40173	40620	41068	41515		
<b>15MHz</b>	<b>QPSK</b>	1	0	19.79	19.52	19.33	19.82	19.59	20.00	
		1	38	19.73	19.39	19.18	19.59	19.48	20.00	
		1	74	19.6	19.4	19.17	19.65	19.5	20.00	
		36	0	19.82	19.59	19.44	19.81	19.63	20.00	
		36	18	19.72	19.48	19.33	19.72	19.66	20.00	
		36	39	19.72	19.45	19.3	19.66	19.59	20.00	
	<b>16QAM</b>	75	0	19.81	19.52	19.32	19.74	19.68	20.00	
		1	0	19.87	19.65	19.56	19.9	19.76	20.00	
		1	38	19.77	19.59	19.28	19.75	19.55	20.00	
		1	74	19.72	19.57	19.38	19.8	19.63	20.00	
		36	0	19.9	19.61	19.39	19.81	19.65	20.00	
		36	18	19.8	19.58	19.31	19.76	19.63	20.00	
	<b>64QAM</b>	36	39	19.78	19.53	19.29	19.73	19.63	20.00	
		75	0	19.7	19.5	19.26	19.78	19.63	20.00	
		1	0	19.71	19.53	19.37	19.82	19.70	20.00	
		1	38	19.61	19.40	19.15	19.53	19.43	20.00	
		1	74	19.57	19.38	19.19	19.71	19.42	20.00	
		36	0	19.75	19.51	19.31	19.82	19.58	20.00	
	<b>256QAM</b>	36	18	19.70	19.45	19.20	19.71	19.53	20.00	
		36	39	19.62	19.39	19.19	19.59	19.53	20.00	
		75	0	19.62	19.33	19.24	19.63	19.59	20.00	
		1	0	18.74	18.70	18.62	18.60	18.71	19.00	
		1	38	18.67	18.52	18.78	18.79	18.56	19.00	
		1	74	18.58	18.60	18.53	18.66	18.66	19.00	
			36	0	18.66	18.71	18.77	18.78	18.80	19.00
			36	18	18.69	18.67	18.65	18.59	18.68	19.00
			36	39	18.69	18.51	18.85	18.81	18.63	19.00
			75	0	18.59	18.58	18.54	18.58	18.56	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39750	40185	40620	41055	41490		
<b>20MHz</b>	<b>QPSK</b>	1	0	19.82	19.57	19.4	19.86	19.67	20.00	
		1	50	19.78	19.47	19.23	19.66	19.51	20.00	
		1	99	19.69	19.48	19.26	19.71	19.53	20.00	
		50	0	19.92	19.69	19.46	19.85	19.69	20.00	
		50	25	19.81	19.58	19.34	19.79	19.72	20.00	
		50	50	19.78	19.51	19.34	19.76	19.64	20.00	
		100	0	19.84	19.57	19.38	19.79	19.71	20.00	
	<b>16QAM</b>	1	0	19.93	19.7	19.57	19.96	19.85	20.00	
		1	50	19.87	19.62	19.37	19.77	19.63	20.00	
		1	99	19.79	19.61	19.44	19.82	19.64	20.00	
		50	0	19.92	19.66	19.49	19.9	19.7	20.00	
		50	25	19.85	19.6	19.39	19.84	19.72	20.00	
		50	50	19.8	19.57	19.37	19.83	19.69	20.00	
		100	0	19.8	19.57	19.36	19.81	19.73	20.00	
	<b>64QAM</b>	1	0	19.66	19.56	19.39	19.82	19.64	20.00	
		1	50	19.64	19.39	19.11	19.58	19.45	20.00	
		1	99	19.52	19.38	19.24	19.70	19.38	20.00	
		50	0	19.75	19.49	19.27	19.79	19.59	20.00	



		50	25	19.64	19.49	19.21	19.65	19.52	20.00
		50	50	19.58	19.41	19.16	19.64	19.57	20.00
		100	0	19.63	19.34	19.24	19.62	19.58	20.00
	256QAM	1	0	18.77	18.63	18.68	18.60	18.70	19.00
		1	50	18.69	18.47	18.80	18.84	18.61	19.00
		1	99	18.53	18.64	18.54	18.60	18.69	19.00
		50	0	18.68	18.68	18.79	18.82	18.76	19.00
		50	25	18.75	18.71	18.69	18.63	18.66	19.00
		50	50	18.72	18.44	18.82	18.77	18.62	19.00
		100	0	18.64	18.60	18.56	18.56	18.55	19.00

LTE Band 41 Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	20.92	20.8	20.55	20.85	20.77	21.00	
		1	13	20.91	20.87	20.59	20.9	20.8	21.00	
		1	24	20.94	20.71	20.52	20.87	20.7	21.00	
		12	0	20.94	20.88	20.7	20.92	20.8	21.00	
		12	6	20.94	20.84	20.67	20.94	20.84	21.00	
		12	13	20.94	20.84	20.57	20.9	20.76	21.00	
	16QAM	1	0	20.9	20.92	20.67	20.92	20.87	21.00	
		1	13	20.92	20.91	20.82	20.9	20.91	21.00	
		1	24	20.91	20.9	20.66	20.9	20.83	21.00	
		12	0	20.9	20.86	20.69	20.93	20.76	21.00	
		12	6	20.92	20.82	20.72	20.94	20.81	21.00	
		12	13	20.91	20.79	20.52	20.91	20.73	21.00	
	64QAM	1	0	20.95	20.84	20.63	20.93	20.84	21.00	
		1	0	20.86	20.70	20.55	20.86	20.74	21.00	
		1	13	20.83	20.66	20.41	20.76	20.62	21.00	
		1	24	20.90	20.68	20.49	20.77	20.68	21.00	
		12	0	20.71	20.69	20.51	20.83	20.67	21.00	
		12	6	20.85	20.62	20.38	20.85	20.73	21.00	
	256QAM	12	13	20.64	20.57	20.44	20.89	20.61	21.00	
		25	0	20.87	20.62	20.41	20.67	20.67	21.00	
		1	0	18.89	18.91	18.84	18.69	18.78	19.00	
		1	13	18.78	18.63	18.94	18.94	18.70	19.00	
		1	24	18.66	18.74	18.64	18.74	18.73	19.00	
		12	0	18.79	18.77	18.92	18.94	18.98	19.00	
	10MHz	QPSK	12	6	18.92	18.85	18.82	18.68	18.74	19.00
			12	13	18.80	18.66	18.94	18.85	18.69	19.00
			25	0	18.72	18.73	18.67	18.63	18.68	19.00
			1	0	20.9	20.76	20.39	20.9	20.93	21.00
1			25	20.92	20.75	20.49	20.84	20.67	21.00	
1			49	20.85	20.68	20.55	20.78	20.66	21.00	
25			0	20.92	20.77	20.65	20.93	20.78	21.00	
16QAM		25	13	20.93	20.8	20.59	20.9	20.85	21.00	
		25	25	20.93	20.79	20.6	20.95	20.87	21.00	
		50	0	20.94	20.8	20.59	20.9	20.75	21.00	
	16QAM	1	0	20.92	20.95	20.63	20.91	20.89	21.00	
		1	25	20.9	20.87	20.79	20.91	20.82	21.00	



		1	49	20.95	20.87	20.58	20.95	20.75	21.00
		25	0	20.91	20.87	20.61	20.9	20.85	21.00
		25	13	20.9	20.91	20.67	20.92	20.87	21.00
		25	25	20.9	20.84	20.66	20.9	20.94	21.00
		50	0	20.9	20.89	20.61	20.91	20.71	21.00
	64QAM	1	0	20.87	20.71	20.55	20.86	20.72	21.00
		1	25	20.79	20.68	20.45	20.73	20.62	21.00
		1	49	20.85	20.68	20.50	20.78	20.71	21.00
		25	0	20.68	20.73	20.47	20.82	20.64	21.00
		25	13	20.81	20.64	20.39	20.82	20.74	21.00
	256QAM	25	25	20.66	20.56	20.43	20.89	20.59	21.00
		50	0	20.87	20.62	20.39	20.68	20.63	21.00
		1	0	18.89	18.90	18.79	18.71	18.81	19.00
		1	25	18.73	18.63	18.89	18.93	18.73	19.00
		1	49	18.71	18.72	18.64	18.71	18.81	19.00
	25	0	18.78	18.85	18.92	18.97	18.96	19.00	
	25	13	18.85	18.84	18.80	18.74	18.78	19.00	
	25	25	18.77	18.74	18.86	18.95	18.71	19.00	
	50	0	18.63	18.70	18.66	18.60	18.76	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>	<b>Channel</b>	<b>Channel</b>
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	20.86	20.72	20.36	20.82	20.65	21.00
		1	38	20.79	20.6	20.36	20.7	20.58	21.00
		1	74	20.76	20.63	20.36	20.79	20.45	21.00
		36	0	20.95	20.81	20.51	20.92	20.76	21.00
		36	18	20.94	20.68	20.37	20.82	20.56	21.00
		36	39	20.91	20.62	20.38	20.8	20.67	21.00
		75	0	20.91	20.72	20.51	20.95	20.55	21.00
	16QAM	1	0	20.91	20.84	20.69	20.87	20.78	21.00
		1	38	20.95	20.76	20.45	20.94	20.72	21.00
		1	74	20.91	20.8	20.58	20.89	20.75	21.00
		36	0	20.9	20.82	20.51	20.95	20.63	21.00
		36	18	20.92	20.71	20.45	20.9	20.62	21.00
		36	39	20.85	20.69	20.38	20.86	20.66	21.00
		75	0	20.93	20.78	20.46	20.83	20.76	21.00
	64QAM	1	0	20.85	20.72	20.55	20.82	20.74	21.00
		1	38	20.83	20.67	20.42	20.75	20.59	21.00
		1	74	20.85	20.72	20.51	20.79	20.70	21.00
		36	0	20.71	20.72	20.47	20.86	20.64	21.00
		36	18	20.83	20.63	20.34	20.84	20.73	21.00
		36	39	20.66	20.55	20.46	20.85	20.60	21.00
		75	0	20.88	20.62	20.42	20.72	20.67	21.00
	256QAM	1	0	18.87	18.84	18.82	18.70	18.83	19.00
		1	38	18.80	18.64	18.92	18.94	18.71	19.00
		1	74	18.61	18.73	18.59	18.69	18.76	19.00
		36	0	18.78	18.77	18.84	18.98	18.97	19.00
		36	18	18.90	18.89	18.78	18.72	18.74	19.00
		36	39	18.80	18.68	18.95	18.88	18.70	19.00
		75	0	18.62	18.73	18.66	18.61	18.71	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>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	20.91	20.64	20.51	20.97	20.69	21.00
		1	50	20.69	20.6	20.29	20.63	20.44	21.00
		1	99	20.78	20.51	20.27	20.91	20.62	21.00
		50	0	20.94	20.74	20.61	20.95	20.75	21.00



		50	25	20.73	20.64	20.45	20.91	20.73	21.00
		50	50	20.85	20.69	20.45	20.93	20.64	21.00
		100	0	20.95	20.63	20.41	20.96	20.77	21.00
	16QAM	1	0	20.92	20.77	20.62	20.91	20.79	21.00
		1	50	20.89	20.76	20.5	20.83	20.67	21.00
		1	99	20.95	20.77	20.59	20.87	20.77	21.00
		50	0	20.77	20.78	20.56	20.92	20.72	21.00
		50	25	20.91	20.71	20.44	20.92	20.8	21.00
		50	50	20.72	20.64	20.53	20.95	20.68	21.00
		100	0	20.93	20.68	20.48	20.77	20.72	21.00
		64QAM	1	0	20.84	20.72	20.54	20.86	20.70
	1		50	20.81	20.70	20.40	20.73	20.62	21.00
	1		99	20.89	20.67	20.49	20.81	20.69	21.00
	50		0	20.70	20.69	20.46	20.84	20.65	21.00
	50		25	20.81	20.63	20.36	20.87	20.73	21.00
	50		50	20.63	20.58	20.44	20.90	20.60	21.00
	100		0	20.87	20.62	20.40	20.70	20.66	21.00
	256QAM	1	0	18.90	18.88	18.80	18.65	18.86	19.00
		1	50	18.82	18.72	18.88	18.88	18.74	19.00
		1	99	18.69	18.71	18.65	18.65	18.80	19.00
		50	0	18.77	18.79	18.91	18.99	18.99	19.00
		50	25	18.84	18.80	18.76	18.69	18.77	19.00
		50	50	18.71	18.73	18.90	18.85	18.71	19.00
		100	0	18.65	18.65	18.65	18.65	18.68	19.00

LTE Band 66 Receiver/Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.34	23.51	23.35	24.00
		1	2	23.32	23.52	23.33	24.00
		1	5	23.27	23.37	23.46	24.00
		3	0	23.36	23.41	23.39	24.00
		3	1	23.29	23.45	23.42	24.00
		3	3	23.43	23.45	23.45	24.00
		6	0	22.42	22.38	22.58	23.00
	16QAM	1	0	22.64	22.79	22.61	23.00
		1	2	22.73	22.85	22.84	23.00
		1	5	22.70	22.58	22.75	23.00
		3	0	22.55	22.43	22.39	23.00
		3	1	22.41	22.43	22.53	23.00
		3	3	22.39	22.53	22.52	23.00
		6	0	21.39	21.61	21.44	22.00
	64QAM	1	0	21.08	21.06	21.16	22.00
		1	2	21.26	21.29	21.20	22.00
		1	5	20.89	21.14	20.91	22.00
		3	0	21.02	21.05	21.18	22.00
		3	1	21.03	21.12	20.89	22.00
		3	3	21.07	21.03	21.09	22.00
		6	0	19.89	19.94	19.94	21.00
	256QAM	1	0	18.13	17.87	17.99	19.00
		1	2	17.94	18.02	18.16	19.00
		1	5	18.41	18.03	18.40	19.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	3	0	18.39	18.02	18.15	19.00	
		3	1	18.21	17.93	18.04	19.00	
		3	3	17.96	18.14	18.21	19.00	
		6	0	18.34	18.06	18.30	19.00	
	16QAM	QPSK	1	0	23.39	23.39	23.39	24.00
			1	7	23.31	23.47	23.41	24.00
			1	14	23.27	23.22	23.31	24.00
			8	0	22.46	22.56	22.40	23.00
			8	4	22.46	22.45	22.52	23.00
			8	7	22.47	22.59	22.41	23.00
		16QAM	15	0	22.54	22.43	22.37	23.00
			1	0	22.88	22.83	22.76	23.00
			1	7	22.58	22.67	22.64	23.00
			1	14	22.71	22.63	22.68	23.00
			8	0	21.34	21.41	21.58	22.00
			8	4	21.57	21.54	21.37	22.00
	64QAM	8	7	21.47	21.54	21.44	22.00	
		15	0	21.53	21.37	21.52	22.00	
		1	0	21.06	21.32	21.37	22.00	
		1	7	21.09	21.19	21.10	22.00	
		1	14	21.20	21.36	21.36	22.00	
		8	0	20.21	19.92	19.95	21.00	
		8	4	19.97	19.95	20.00	21.00	
		8	7	20.37	20.04	20.54	21.00	
	256QAM	15	0	20.23	20.04	19.99	21.00	
		1	0	18.08	17.82	18.07	19.00	
		1	7	17.97	17.99	18.09	19.00	
		1	14	18.44	17.97	18.36	19.00	
8		0	18.34	18.07	18.02	19.00		
8		4	18.12	17.96	18.01	19.00		
8		7	17.97	18.13	18.19	19.00		
15		0	18.37	18.05	18.40	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.36	23.44	23.48	24.00	
		1	13	23.40	23.43	23.42	24.00	
		1	24	23.33	23.31	23.36	24.00	
		12	0	22.39	22.41	22.39	23.00	
		12	6	22.47	22.55	22.34	23.00	
		12	13	22.41	22.51	22.56	23.00	
		25	0	22.51	22.34	22.48	23.00	
	16QAM	1	0	22.71	22.84	22.76	23.00	
		1	13	22.66	22.79	22.68	23.00	
		1	24	22.63	22.68	22.49	23.00	
		12	0	21.48	21.50	21.53	22.00	
		12	6	21.46	21.38	21.53	22.00	
		12	13	21.45	21.47	21.40	22.00	
		25	0	21.54	21.37	21.42	22.00	
	64QAM	1	0	21.15	21.27	21.50	22.00	
		1	13	21.16	21.08	21.13	22.00	
		1	24	21.05	21.32	21.31	22.00	
		12	0	20.02	19.87	19.90	21.00	





	256QAM	12	6	19.88	19.94	20.11	21.00
		12	13	20.40	19.99	20.37	21.00
		25	0	20.19	20.17	19.99	21.00
		1	0	18.08	17.85	18.00	19.00
		1	13	17.93	18.10	18.12	19.00
		1	24	18.42	18.03	18.36	19.00
		12	0	18.29	18.01	18.08	19.00
		12	6	18.12	17.87	18.02	19.00
		12	13	18.04	18.01	18.19	19.00
25	0	18.29	17.94	18.31	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>	<b>Tune up</b>
				132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	23.28	23.38	23.39	24.00
		1	25	23.42	23.38	23.33	24.00
		1	49	23.25	23.39	23.41	24.00
		25	0	22.36	22.58	22.54	23.00
		25	13	22.45	22.49	22.38	23.00
		25	25	22.51	22.39	22.53	23.00
		50	0	22.47	22.43	22.35	23.00
	16QAM	1	0	22.83	22.85	22.85	23.00
		1	25	22.58	22.73	22.62	23.00
		1	49	22.72	22.61	22.57	23.00
		25	0	21.32	21.47	21.52	22.00
		25	13	21.57	21.46	21.53	22.00
		25	25	21.55	21.51	21.35	22.00
	64QAM	1	0	21.21	21.24	21.33	22.00
		1	25	21.23	21.12	21.04	22.00
		1	49	21.04	21.21	21.16	22.00
		25	0	20.03	19.90	19.90	21.00
		25	13	20.01	19.94	20.02	21.00
		25	25	20.42	20.02	20.37	21.00
	256QAM	50	0	20.21	20.13	20.15	21.00
		1	0	18.05	17.92	18.14	19.00
		1	25	17.96	18.01	18.25	19.00
		1	49	18.43	17.87	18.44	19.00
		25	0	18.32	18.17	18.07	19.00
		25	13	18.20	17.99	18.03	19.00
		25	25	17.97	18.09	18.21	19.00
	50	0	18.27	17.93	18.30	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>	<b>Tune up</b>
				132047	132322	132597	
<b>15MHz</b>	QPSK	1	0	23.34	23.34	23.32	24.00
		1	38	23.42	23.37	23.34	24.00
		1	74	23.28	23.40	23.30	24.00
		36	0	22.36	22.46	22.43	23.00
		36	18	22.47	22.36	22.35	23.00
		36	39	22.48	22.51	22.45	23.00
		75	0	22.39	22.39	22.42	23.00
	16QAM	1	0	22.73	22.81	22.68	23.00
		1	38	22.53	22.65	22.56	23.00
		1	74	22.74	22.58	22.57	23.00
		36	0	21.32	21.43	21.38	22.00
		36	18	21.57	21.44	21.37	22.00



	64QAM	36	39	21.56	21.48	21.43	22.00	
		75	0	21.48	21.46	21.44	22.00	
		1	0	21.05	21.43	21.35	22.00	
		1	38	21.06	21.09	21.08	22.00	
		1	74	21.20	21.26	21.30	22.00	
		36	0	20.06	19.99	19.93	21.00	
		36	18	20.02	19.99	20.10	21.00	
		36	39	20.32	20.05	20.41	21.00	
	256QAM	75	0	20.26	20.06	20.18	21.00	
		1	0	18.02	17.77	18.02	19.00	
		1	38	17.96	18.00	18.19	19.00	
		1	74	18.44	17.93	18.32	19.00	
		36	0	18.33	18.14	18.11	19.00	
		36	18	18.13	17.90	18.12	19.00	
		36	39	17.93	18.03	18.21	19.00	
		75	0	18.28	17.91	18.35	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	23.30	23.34	23.36	24.00	
		1	50	23.49	23.47	23.42	24.00	
		1	99	23.28	23.33	23.39	24.00	
		50	0	22.42	22.49	22.40	23.00	
		50	25	22.51	22.40	22.42	23.00	
		50	50	22.49	22.51	22.41	23.00	
	16QAM	100	0	22.55	22.37	22.32	23.00	
		1	0	22.81	22.76	22.73	23.00	
		1	50	22.53	22.61	22.71	23.00	
		1	99	22.60	22.75	22.62	23.00	
		50	0	21.39	21.46	21.58	22.00	
		50	25	21.46	21.45	21.38	22.00	
	64QAM	50	50	21.39	21.44	21.35	22.00	
		100	0	21.51	21.38	21.50	22.00	
		1	0	21.21	21.27	21.45	22.00	
		1	50	21.16	21.12	21.09	22.00	
		1	99	21.01	21.28	21.22	22.00	
		50	0	20.07	19.87	20.04	21.00	
	256QAM	50	25	19.95	20.02	20.15	21.00	
		50	50	20.39	19.99	20.37	21.00	
		100	0	20.28	20.11	20.02	21.00	
		1	0	18.10	17.85	18.07	19.00	
		1	50	17.99	18.07	18.17	19.00	
		1	99	18.40	17.95	18.40	19.00	
			50	0	18.32	18.09	18.07	19.00
			50	25	18.17	17.92	18.05	19.00
			50	50	17.98	18.08	18.16	19.00
			100	0	18.33	17.99	18.37	19.00

LTE Band 66 Receiver on & EN-DC Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.61	20.69	20.66	21.00
		1	2	20.55	20.63	20.54	21.00

		1	5	20.50	20.56	20.47	21.00	
		3	0	20.53	20.62	20.50	21.00	
		3	1	20.65	20.66	20.68	21.00	
		3	3	20.46	20.56	20.45	21.00	
		6	0	20.58	20.62	20.62	21.00	
	16QAM	1	0	20.88	20.95	20.94	21.00	
		1	2	20.90	20.92	20.91	21.00	
		1	5	20.73	20.95	20.82	21.00	
		3	0	20.60	20.71	20.65	21.00	
		3	1	20.61	20.68	20.65	21.00	
		3	3	20.61	20.64	20.67	21.00	
	64QAM	6	0	20.77	20.76	20.62	21.00	
		1	0	20.77	20.67	20.64	21.00	
		1	2	20.70	20.82	20.73	21.00	
		1	5	20.81	20.70	20.65	21.00	
		3	0	20.44	20.54	20.51	21.00	
		3	1	20.39	20.38	20.53	21.00	
	256QAM	3	3	20.37	20.64	20.50	21.00	
		6	0	20.55	20.39	20.56	21.00	
		1	0	18.13	17.90	17.99	19.00	
		1	2	18.02	18.15	18.13	19.00	
		1	5	18.43	17.95	18.34	19.00	
		3	0	18.35	18.11	18.02	19.00	
	Bandwidth	3	1	18.17	17.86	18.01	19.00	
		3	3	17.99	18.05	18.19	19.00	
		6	0	18.28	18.07	18.38	19.00	
		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
		3MHz	QPSK	1	0	20.45	20.56	20.42
	1			7	20.36	20.43	20.47	21.00
	1			14	20.45	20.47	20.57	21.00
	8			0	20.55	20.64	20.62	21.00
	8			4	20.66	20.53	20.62	21.00
	8			7	20.53	20.65	20.64	21.00
	15			0	20.51	20.59	20.70	21.00
	16QAM		1	0	20.76	20.75	20.90	21.00
			1	7	20.75	20.85	20.76	21.00
			1	14	20.85	20.69	20.85	21.00
			8	0	20.52	20.55	20.56	21.00
			8	4	20.61	20.60	20.73	21.00
			8	7	20.65	20.68	20.61	21.00
			15	0	20.67	20.66	20.66	21.00
	64QAM		1	0	20.77	20.67	20.62	21.00
			1	7	20.69	20.81	20.76	21.00
			1	14	20.79	20.69	20.67	21.00
			8	0	20.43	20.54	20.53	21.00
			8	4	20.40	20.37	20.53	21.00
			8	7	20.42	20.65	20.50	21.00
			15	0	20.54	20.39	20.56	21.00
	256QAM		1	0	18.15	17.77	18.03	19.00
			1	7	18.00	18.03	18.16	19.00
			1	14	18.35	17.88	18.47	19.00
		8	0	18.30	18.03	18.05	19.00	
		8	4	18.16	17.96	18.10	19.00	
		8	7	18.03	18.16	18.14	19.00	

Bandwidth	Modulation	15	0	18.36	18.05	18.40	19.00	
		RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up	
5MHz	QPSK	1	0	20.42	20.64	20.58	21.00	
		1	13	20.36	20.58	20.38	21.00	
		1	24	20.52	20.38	20.50	21.00	
		12	0	20.55	20.64	20.63	21.00	
		12	6	20.71	20.55	20.57	21.00	
		12	13	20.60	20.69	20.73	21.00	
	16QAM	25	0	20.59	20.59	20.76	21.00	
		1	0	20.90	20.80	20.91	21.00	
		1	13	20.69	20.83	20.81	21.00	
		1	24	20.85	20.79	20.79	21.00	
		12	0	20.61	20.62	20.53	21.00	
		12	6	20.54	20.55	20.60	21.00	
	64QAM	12	13	20.58	20.60	20.62	21.00	
		25	0	20.69	20.50	20.62	21.00	
		1	0	20.75	20.65	20.64	21.00	
		1	13	20.70	20.83	20.77	21.00	
		1	24	20.77	20.68	20.65	21.00	
		12	0	20.45	20.50	20.52	21.00	
	256QAM	12	6	20.43	20.41	20.57	21.00	
		12	13	20.38	20.65	20.51	21.00	
		25	0	20.55	20.42	20.56	21.00	
		1	0	18.16	17.88	18.11	19.00	
		1	13	18.03	18.05	18.17	19.00	
		1	24	18.45	17.94	18.48	19.00	
	10MHz	QPSK	12	0	18.25	18.05	18.09	19.00
			12	6	18.16	17.97	18.05	19.00
			12	13	18.05	18.12	18.16	19.00
25			0	18.30	17.93	18.31	19.00	
1			0	20.44	20.67	20.57	21.00	
1			25	20.48	20.49	20.55	21.00	
16QAM		1	49	20.50	20.47	20.43	21.00	
		25	0	20.64	20.60	20.64	21.00	
		25	13	20.70	20.55	20.61	21.00	
		25	25	20.71	20.62	20.53	21.00	
		50	0	20.56	20.53	20.64	21.00	
		1	0	20.88	20.69	20.80	21.00	
64QAM		1	25	20.67	20.90	20.74	21.00	
		1	49	20.85	20.71	20.85	21.00	
		25	0	20.52	20.65	20.54	21.00	
		25	13	20.71	20.54	20.73	21.00	
		25	25	20.64	20.71	20.60	21.00	
		50	0	20.62	20.57	20.71	21.00	
QPSK		1	0	20.74	20.68	20.62	21.00	
		1	25	20.69	20.82	20.76	21.00	
		1	49	20.79	20.66	20.64	21.00	
		25	0	20.44	20.50	20.55	21.00	
		25	13	20.44	20.38	20.53	21.00	
		25	25	20.38	20.65	20.52	21.00	
16QAM		50	0	20.53	20.38	20.55	21.00	

		1	0	18.13	17.80	18.00	19.00
		1	25	18.05	18.10	18.09	19.00
		1	49	18.32	17.96	18.44	19.00
	256QAM	25	0	18.27	18.16	17.99	19.00
		25	13	18.21	17.99	18.09	19.00
		25	25	17.94	18.16	18.19	19.00
		50	0	18.27	17.95	18.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.50	20.63	20.48	21.00
		1	38	20.49	20.57	20.42	21.00
		1	74	20.38	20.55	20.57	21.00
		36	0	20.54	20.63	20.62	21.00
		36	18	20.71	20.50	20.75	21.00
		36	39	20.71	20.64	20.62	21.00
		75	0	20.63	20.61	20.68	21.00
	16QAM	1	0	20.85	20.78	20.73	21.00
		1	38	20.81	20.93	20.85	21.00
		1	74	20.90	20.79	20.76	21.00
		36	0	20.54	20.63	20.63	21.00
		36	18	20.52	20.49	20.66	21.00
		36	39	20.50	20.74	20.63	21.00
		75	0	20.63	20.51	20.68	21.00
	64QAM	1	0	20.72	20.65	20.61	21.00
		1	38	20.69	20.85	20.74	21.00
		1	74	20.77	20.68	20.63	21.00
		36	0	20.42	20.55	20.52	21.00
		36	18	20.44	20.40	20.53	21.00
		36	39	20.42	20.66	20.54	21.00
		75	0	20.55	20.38	20.60	21.00
	256QAM	1	0	18.18	17.77	18.00	19.00
		1	38	18.06	18.10	18.14	19.00
		1	74	18.35	17.87	18.41	19.00
		36	0	18.30	18.04	18.09	19.00
		36	18	18.24	17.89	18.13	19.00
		36	39	18.06	18.02	18.13	19.00
		75	0	18.37	18.00	18.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.56	20.67	20.55	21.00
		1	50	20.68	20.47	20.45	21.00
		1	99	20.50	20.44	20.49	21.00
		50	0	20.60	20.50	20.52	21.00
		50	25	20.74	20.63	20.73	21.00
		50	50	20.53	20.60	20.56	21.00
		100	0	20.70	20.59	20.62	21.00
	16QAM	1	0	20.79	20.86	20.91	21.00
		1	50	20.73	20.88	20.87	21.00
		1	99	20.75	20.86	20.79	21.00
		50	0	20.43	20.53	20.54	21.00
		50	25	20.68	20.51	20.66	21.00
		50	50	20.64	20.69	20.66	21.00
		100	0	20.61	20.60	20.58	21.00
	64QAM	1	0	20.84	20.85	20.97	21.00

		1	50	20.67	20.90	20.87	21.00
		1	99	20.79	20.78	20.82	21.00
		50	0	20.43	20.56	20.61	21.00
		50	25	20.64	20.45	20.73	21.00
		50	50	20.65	20.61	20.72	21.00
		100	0	20.53	20.67	20.57	21.00
	256QAM	1	0	18.15	17.80	18.10	19.00
		1	50	18.05	18.08	18.09	19.00
		1	99	18.48	17.98	18.36	19.00
		50	0	18.24	18.16	18.10	19.00
		50	25	18.16	17.88	18.06	19.00
		50	50	17.93	18.08	18.18	19.00
		100	0	18.25	17.92	18.35	19.00

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.33	23.25	23.27	24.00
		1	13	23.36	23.18	23.22	24.00
		1	24	23.33	23.28	23.26	24.00
		12	0	22.53	22.40	22.52	23.00
		12	6	22.54	22.30	22.40	23.00
		12	13	22.28	22.30	22.30	23.00
		25	0	22.50	22.35	22.26	23.00
	16QAM	1	0	22.43	22.30	22.36	23.00
		1	13	22.36	22.36	22.42	23.00
		1	24	22.35	22.33	22.29	23.00
		12	0	21.33	21.34	21.22	22.00
		12	6	21.21	21.27	21.34	22.00
		12	13	21.43	21.39	21.40	22.00
		25	0	21.12	21.18	21.14	22.00
	64QAM	1	0	21.42	21.31	21.33	22.00
		1	13	21.18	21.17	21.30	22.00
		1	24	21.37	21.04	21.31	22.00
		12	0	20.25	20.20	20.36	21.00
		12	6	20.39	20.38	20.29	21.00
		12	13	20.33	20.15	20.32	21.00
		25	0	20.26	20.15	20.39	21.00
	256QAM	1	0	18.22	18.24	18.27	19.00
		1	13	18.35	18.43	18.29	19.00
		1	24	18.36	18.14	18.29	19.00
		12	0	18.37	18.09	18.32	19.00
		12	6	18.22	18.16	18.40	19.00
		12	13	18.51	18.31	18.31	19.00
		25	0	18.27	18.15	18.22	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			133172	133297	133422	
		1	0	23.26	23.31	23.29	24.00
		1	25	23.27	23.27	23.30	24.00
		1	49	23.27	23.41	23.30	24.00
		25	0	22.60	22.40	22.48	23.00
		25	13	22.37	22.32	22.40	23.00
		25	25	22.32	22.36	22.28	23.00



		50	0	22.39	22.31	22.34	23.00
	16QAM	1	0	22.40	22.36	22.31	23.00
		1	25	22.27	22.28	22.34	23.00
		1	49	22.25	22.19	22.32	23.00
		25	0	21.37	21.28	21.33	22.00
		25	13	21.38	21.42	21.34	22.00
		25	25	21.29	21.23	21.33	22.00
		50	0	21.23	21.18	21.28	22.00
	64QAM	1	0	21.41	21.34	21.31	22.00
		1	25	21.25	21.22	21.31	22.00
		1	49	21.29	21.12	21.34	22.00
		25	0	20.25	20.18	20.30	21.00
		25	13	20.41	20.32	20.27	21.00
		25	25	20.27	20.21	20.29	21.00
		50	0	20.29	20.09	20.35	21.00
	256QAM	1	0	18.24	18.23	18.28	19.00
		1	25	18.40	18.35	18.26	19.00
		1	49	18.27	18.17	18.28	19.00
		25	0	18.39	17.97	18.43	19.00
		25	13	18.22	18.22	18.37	19.00
		25	25	18.43	18.37	18.44	19.00
		50	0	18.21	18.12	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 133197	Channel 133297	Channel 133397	Tune up
15MHz	QPSK	1	0	23.41	23.20	23.28	24.00
		1	38	23.45	23.23	23.38	24.00
		1	74	23.17	23.32	23.28	24.00
		36	0	22.43	22.32	22.52	23.00
		36	18	22.43	22.42	22.39	23.00
		36	39	22.39	22.40	22.31	23.00
		75	0	22.34	22.28	22.27	23.00
	16QAM	1	0	22.31	22.25	22.38	23.00
		1	38	22.36	22.24	22.33	23.00
		1	74	22.26	22.29	22.29	23.00
		36	0	21.20	21.35	21.21	22.00
		36	18	21.24	21.25	21.54	22.00
		36	39	21.26	21.33	21.42	22.00
		75	0	21.13	21.22	21.16	22.00
	64QAM	1	0	21.46	21.32	21.36	22.00
		1	38	21.29	21.25	21.34	22.00
		1	74	21.25	21.09	21.40	22.00
		36	0	20.21	20.23	20.26	21.00
		36	18	20.40	20.31	20.33	21.00
		36	39	20.24	20.14	20.33	21.00
		75	0	20.22	20.08	20.33	21.00
	256QAM	1	0	18.24	18.22	18.35	19.00
		1	38	18.40	18.40	18.38	19.00
		1	74	18.35	18.20	18.28	19.00
		36	0	18.37	17.94	18.32	19.00
		36	18	18.19	18.29	18.33	19.00
		36	39	18.51	18.40	18.31	19.00
		75	0	18.20	18.24	18.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 133222	Channel 133322	Channel 133372	Tune up
20MHz	QPSK	1	0	23.32	23.30	23.29	24.00

		1	50	23.35	23.27	23.32	24.00
		1	99	23.23	23.32	23.36	24.00
		50	0	22.50	22.40	22.47	23.00
		50	25	22.45	22.37	22.37	23.00
		50	50	22.34	22.35	22.36	23.00
		100	0	22.42	22.32	22.34	23.00
	16QAM	1	0	22.39	22.33	22.35	23.00
		1	50	22.31	22.29	22.35	23.00
		1	99	22.34	22.26	22.27	23.00
		50	0	21.29	21.36	21.30	22.00
		50	25	21.29	21.34	21.44	22.00
		50	50	21.34	21.32	21.36	22.00
	64QAM	100	0	21.19	21.23	21.20	22.00
		1	0	21.37	21.30	21.25	22.00
		1	50	21.23	21.16	21.32	22.00
		1	99	21.36	21.11	21.33	22.00
		50	0	20.25	20.24	20.31	21.00
		50	25	20.46	20.38	20.31	21.00
	256QAM	50	50	20.31	20.20	20.26	21.00
		100	0	20.36	20.03	20.40	21.00
		1	0	18.23	18.23	18.27	19.00
		1	50	18.42	18.40	18.34	19.00
		1	99	18.33	18.18	18.24	19.00
		50	0	18.35	18.02	18.39	19.00
	50	25	18.19	18.21	18.35	19.00	
	50	50	18.44	18.37	18.37	19.00	
	100	0	18.27	18.16	18.18	19.00	

Table 8 : Conducted Power of LTE

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

#### 3.1 Conducted Power of LTE

LTE Band 48 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	23.42	23.53	23.49	24.00
		1	13	23.61	23.59	23.64	24.00
		1	24	23.35	23.44	23.37	24.00
		12	0	22.74	22.64	22.72	23.00
		12	6	22.61	22.65	22.57	23.00
		12	13	22.49	22.36	22.52	23.00
		25	0	22.53	22.5	22.5	23.00
	16QAM	1	0	22.43	22.6	22.51	23.00
		1	13	22.6	22.47	22.57	23.00
		1	24	22.57	22.71	22.66	23.00
		12	0	21.6	21.61	21.46	22.00
		12	6	21.6	21.71	21.67	22.00
		12	13	21.55	21.59	21.54	22.00





		25	0	21.51	21.46	21.7	22.00
	64QAM	1	0	21.63	21.68	21.65	22.00
		1	13	21.53	21.61	21.57	22.00
		1	24	21.51	21.50	21.73	22.00
		12	0	20.50	20.45	20.69	21.00
		12	6	20.62	20.66	20.58	21.00
		12	13	20.51	20.55	20.50	21.00
		25	0	20.51	20.50	20.68	21.00
	256QAM	1	0	18.50	18.40	18.71	19.00
		1	13	18.61	18.59	18.49	19.00
		1	24	18.46	18.56	18.44	19.00
		12	0	18.47	18.48	18.54	19.00
		12	6	18.48	18.35	18.72	19.00
		12	13	18.63	18.53	18.52	19.00
		25	0	18.48	18.49	18.43	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>	<b>Tune up</b>
				55290	55990	56690	
<b>10MHz</b>	QPSK	1	0	23.46	23.59	23.35	24.00
		1	25	23.54	23.61	23.52	24.00
		1	49	23.47	23.49	23.43	24.00
		25	0	22.74	22.7	22.68	23.00
		25	13	22.61	22.61	22.45	23.00
		25	25	22.49	22.54	22.5	23.00
		50	0	22.53	22.62	22.5	23.00
	16QAM	1	0	22.55	22.57	22.55	23.00
		1	25	22.52	22.45	22.59	23.00
		1	49	22.63	22.6	22.65	23.00
		25	0	21.44	21.48	21.53	22.00
		25	13	21.49	21.69	21.5	22.00
		25	25	21.61	21.59	21.72	22.00
		50	0	21.54	21.54	21.56	22.00
	64QAM	1	0	21.64	21.70	21.62	22.00
		1	25	21.52	21.63	21.55	22.00
		1	49	21.48	21.50	21.73	22.00
		25	0	20.47	20.49	20.67	21.00
		25	13	20.65	20.63	20.60	21.00
		25	25	20.54	20.56	20.47	21.00
		50	0	20.52	20.54	20.73	21.00
	256QAM	1	0	18.50	18.38	18.69	19.00
		1	25	18.63	18.57	18.56	19.00
		1	49	18.50	18.53	18.45	19.00
		25	0	18.42	18.45	18.54	19.00
		25	13	18.46	18.44	18.62	19.00
		25	25	18.66	18.56	18.57	19.00
		50	0	18.54	18.46	18.49	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>	<b>Tune up</b>



				55315	55990	56665	
15MHz	QPSK	1	0	23.5	23.52	23.54	24.00
		1	38	23.64	23.51	23.53	24.00
		1	74	23.46	23.45	23.3	24.00
		36	0	22.68	22.71	22.83	23.00
		36	18	22.62	22.5	22.56	23.00
		36	39	22.47	22.53	22.61	23.00
		75	0	22.59	22.55	22.58	23.00
	16QAM	1	0	22.58	22.52	22.48	23.00
		1	38	22.64	22.49	22.47	23.00
		1	74	22.59	22.51	22.61	23.00
		36	0	21.58	21.68	21.4	22.00
		36	18	21.62	21.63	21.48	22.00
		36	39	21.53	21.56	21.7	22.00
		75	0	21.49	21.61	21.67	22.00
	64QAM	1	0	21.58	21.67	21.61	22.00
		1	38	21.56	21.66	21.53	22.00
		1	74	21.53	21.49	21.71	22.00
		36	0	20.51	20.46	20.70	21.00
		36	18	20.59	20.64	20.58	21.00
		36	39	20.47	20.59	20.53	21.00
		75	0	20.47	20.53	20.63	21.00
	256QAM	1	0	18.40	18.39	18.71	19.00
		1	38	18.56	18.61	18.57	19.00
		1	74	18.49	18.54	18.54	19.00
		36	0	18.45	18.40	18.55	19.00
		36	18	18.49	18.39	18.66	19.00
		36	39	18.69	18.54	18.59	19.00
		75	0	18.54	18.49	18.39	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>	<b>Tune up</b>
				55340	55990	56640	
20MHz	QPSK	1	0	23.4	23.49	23.45	24.00
		1	50	23.55	23.54	23.6	24.00
		1	99	23.38	23.46	23.36	24.00
		50	0	22.51	22.53	22.64	23.00
		50	25	22.44	22.49	22.45	23.00
		50	50	22.56	22.56	22.65	23.00
		100	0	22.51	22.59	22.55	23.00
	16QAM	1	0	22.5	22.51	22.54	23.00
		1	50	22.55	22.49	22.53	23.00
		1	99	22.58	22.61	22.58	23.00
		50	0	21.52	21.58	21.48	22.00
		50	25	21.58	21.64	21.57	22.00
		50	50	21.61	21.6	21.64	22.00
		100	0	21.46	21.55	21.6	22.00
	64QAM	1	0	21.59	21.70	21.61	22.00



		1	50	21.54	21.61	21.59	22.00
		1	99	21.51	21.51	21.69	22.00
		50	0	20.51	20.43	20.74	21.00
		50	25	20.62	20.63	20.57	21.00
		50	50	20.51	20.56	20.55	21.00
		100	0	20.52	20.49	20.63	21.00
	256QAM	1	0	18.45	18.41	18.71	19.00
		1	50	18.61	18.58	18.52	19.00
		1	99	18.49	18.51	18.49	19.00
		50	0	18.45	18.44	18.59	19.00
		50	25	18.45	18.40	18.67	19.00
		50	50	18.66	18.54	18.54	19.00
		100	0	18.50	18.48	18.44	19.00

LTE Band 48 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	19.3	19.29	19.21	20.00
		1	13	19.23	19.3	19.24	20.00
		1	24	19.32	19.4	19.36	20.00
		12	0	19.35	19.4	19.45	20.00
		12	6	19.37	19.42	19.46	20.00
		12	13	19.49	19.45	19.44	20.00
		25	0	19.48	19.55	19.5	20.00
	16QAM	1	0	19.3	19.33	19.28	20.00
		1	13	19.2	19.26	19.19	20.00
		1	24	19.35	19.44	19.42	20.00
		12	0	19.51	19.52	19.5	20.00
		12	6	19.42	19.38	19.33	20.00
		12	13	19.49	19.38	19.36	20.00
		25	0	19.42	19.39	19.41	20.00
	64QAM	1	0	19.31	19.27	19.33	20.00
		1	13	19.15	19.15	19.15	20.00
		1	24	19.35	19.39	19.37	20.00
		12	0	19.44	19.48	19.46	20.00
		12	6	19.40	19.41	19.35	20.00
		12	13	19.44	19.36	19.32	20.00
		25	0	19.48	19.39	19.31	20.00
	256QAM	1	0	18.44	18.33	18.68	19.00
		1	13	18.58	18.51	18.48	19.00
		1	24	18.47	18.43	18.48	19.00
		12	0	18.42	18.39	18.53	19.00
		12	6	18.44	18.36	18.65	19.00
		12	13	18.60	18.47	18.47	19.00



Bandwidth	Modulation	RB size	RB offset	18.47	18.47	18.41	19.00
				Channel 55290	Channel 55990	Channel 56690	Tune up
10MHz	QPSK	1	0	19.3	19.29	19.28	20.00
		1	25	19.26	19.36	19.25	20.00
		1	49	19.32	19.37	19.37	20.00
		25	0	19.41	19.39	19.36	20.00
		25	13	19.37	19.43	19.4	20.00
		25	25	19.4	19.53	19.48	20.00
		50	0	19.48	19.52	19.48	20.00
	16QAM	1	0	19.39	19.28	19.37	20.00
		1	25	19.15	19.18	19.22	20.00
		1	49	19.36	19.36	19.42	20.00
		25	0	19.53	19.53	19.5	20.00
		25	13	19.48	19.47	19.38	20.00
		25	25	19.46	19.37	19.32	20.00
		50	0	19.47	19.47	19.36	20.00
	64QAM	1	0	19.31	19.25	19.27	20.00
		1	25	19.16	19.16	19.20	20.00
		1	49	19.33	19.38	19.39	20.00
		25	0	19.48	19.46	19.46	20.00
		25	13	19.38	19.43	19.28	20.00
		25	25	19.39	19.36	19.35	20.00
		50	0	19.42	19.37	19.38	20.00
	256QAM	1	0	18.39	18.36	18.70	19.00
		1	25	18.59	18.57	18.46	19.00
		1	49	18.47	18.47	18.44	19.00
		25	0	18.38	18.41	18.53	19.00
		25	13	18.42	18.35	18.63	19.00
		25	25	18.58	18.47	18.49	19.00
		50	0	18.43	18.42	18.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55990	Channel 56665	Tune up
15MHz	QPSK	1	0	19.29	19.3	19.26	20.00
		1	38	19.3	19.34	19.27	20.00
		1	74	19.34	19.36	19.28	20.00
		36	0	19.35	19.39	19.39	20.00
		36	18	19.36	19.36	19.44	20.00
		36	39	19.4	19.55	19.49	20.00
		75	0	19.51	19.51	19.49	20.00
	16QAM	1	0	19.36	19.33	19.32	20.00
		1	38	19.17	19.21	19.2	20.00
		1	74	19.32	19.39	19.42	20.00
		36	0	19.48	19.49	19.56	20.00
		36	18	19.48	19.43	19.29	20.00
		36	39	19.46	19.42	19.32	20.00

		75	0	19.48	19.45	19.38	20.00
	64QAM	1	0	19.33	19.29	19.30	20.00
		1	38	19.18	19.16	19.18	20.00
		1	74	19.35	19.37	19.39	20.00
		36	0	19.45	19.47	19.51	20.00
		36	18	19.43	19.39	19.35	20.00
		36	39	19.42	19.42	19.38	20.00
		75	0	19.42	19.44	19.31	20.00
	256QAM	1	0	18.38	18.36	18.64	19.00
		1	38	18.60	18.57	18.47	19.00
		1	74	18.41	18.43	18.43	19.00
		36	0	18.39	18.43	18.57	19.00
		36	18	18.43	18.37	18.62	19.00
		36	39	18.61	18.51	18.46	19.00
		75	0	18.49	18.40	18.42	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>	<b>Tune up</b>
				55340	55990	56640	
<b>20MHz</b>	QPSK	1	0	19.35	19.34	19.28	20.00
		1	50	19.3	19.37	19.4	20.00
		1	99	19.35	19.33	19.34	20.00
		50	0	19.4	19.45	19.43	20.00
		50	25	19.35	19.43	19.44	20.00
		50	50	19.47	19.52	19.49	20.00
		100	0	19.51	19.55	19.52	20.00
	16QAM	1	0	19.36	19.32	19.34	20.00
		1	50	19.19	19.23	19.23	20.00
		1	99	19.36	19.43	19.4	20.00
		50	0	19.5	19.51	19.54	20.00
		50	25	19.46	19.44	19.36	20.00
		50	50	19.46	19.43	19.39	20.00
		100	0	19.49	19.45	19.39	20.00
	64QAM	1	0	19.35	19.24	19.31	20.00
		1	50	19.12	19.17	19.19	20.00
		1	99	19.28	19.36	19.34	20.00
		50	0	19.49	19.46	19.51	20.00
		50	25	19.38	19.40	19.30	20.00
		50	50	19.38	19.40	19.36	20.00
		100	0	19.47	19.38	19.36	20.00
	256QAM	1	0	18.38	18.39	18.69	19.00
		1	50	18.55	18.51	18.45	19.00
		1	99	18.44	18.49	18.48	19.00
		50	0	18.37	18.36	18.51	19.00
		50	25	18.44	18.39	18.65	19.00
		50	50	18.60	18.46	18.47	19.00
		100	0	18.48	18.45	18.41	19.00

Table 9 : Conducted Power of LTE



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## 4 Conducted Power of Main Antenna (Ant3)

### 4.1 Conducted Power of LTE

LTE Band 48 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	23.49	22.99	22.77	24.00
		1	13	23.3	23.05	22.73	24.00
		1	24	23.37	23.07	22.9	24.00
		12	0	22.5	21.98	21.83	23.00
		12	6	22.46	21.95	21.78	23.00
		12	13	22.39	22.09	21.86	23.00
		25	0	22.43	22.01	21.85	23.00
	16QAM	1	0	22.4	22.12	21.8	23.00
		1	13	22.39	22.04	21.79	23.00
		1	24	22.5	22.03	21.77	23.00
		12	0	21.46	21.07	20.93	22.00
		12	6	21.43	21.03	20.93	22.00
		12	13	21.4	21.05	21.01	22.00
		25	0	21.47	20.97	20.89	22.00
	64QAM	1	0	21.48	21.04	20.94	22.00
		1	13	21.35	21.10	21.00	22.00
		1	24	21.46	21.00	20.85	22.00
		12	0	20.49	20.02	19.87	21.00
		12	6	20.48	20.06	19.90	21.00
		12	13	20.32	20.06	20.02	21.00
		25	0	20.41	19.98	19.86	21.00
	256QAM	1	0	18.54	17.95	17.75	19.00
		1	13	18.41	17.99	17.89	19.00
		1	24	18.37	17.95	17.91	19.00
		12	0	18.53	18.05	17.79	19.00
		12	6	18.52	18.00	17.85	19.00
		12	13	18.31	17.98	17.92	19.00
		25	0	18.42	17.94	17.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			55290	55990	56690	
		1	0	23.46	23.05	22.81	24.00
		1	25	23.26	22.98	22.81	24.00
		1	49	23.43	23.07	22.78	24.00
		25	0	22.54	22.07	21.84	23.00

		25	13	22.44	21.93	21.87	23.00	
		25	25	22.51	22.06	21.83	23.00	
		50	0	22.43	22.07	21.91	23.00	
	16QAM	1	0	22.39	22.14	21.82	23.00	
		1	25	22.47	22.07	21.74	23.00	
		1	49	22.47	22.01	21.81	23.00	
		25	0	21.47	20.99	20.97	22.00	
		25	13	21.42	21.14	20.84	22.00	
		25	25	21.39	21.07	20.98	22.00	
		50	0	21.49	21.02	20.95	22.00	
		64QAM	1	0	21.46	20.96	20.89	22.00
			1	25	21.27	21.04	20.99	22.00
	1		49	21.45	20.94	20.83	22.00	
	25		0	20.46	19.96	19.83	21.00	
	25		13	20.43	20.04	19.89	21.00	
	25		25	20.29	20.01	19.99	21.00	
	50		0	20.36	19.91	19.85	21.00	
	256QAM	1	0	18.55	17.97	17.81	19.00	
		1	25	18.41	18.03	17.93	19.00	
		1	49	18.31	17.98	17.94	19.00	
		25	0	18.53	18.01	17.82	19.00	
		25	13	18.44	17.92	17.85	19.00	
		25	25	18.41	17.97	17.96	19.00	
		50	0	18.42	17.93	17.82	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 55315	<b>Channel</b> 55990	<b>Channel</b> 56665	<b>Tune</b> <b>up</b>	
<b>15MHz</b>	QPSK	1	0	23.41	23.05	22.72	24.00	
		1	38	23.27	22.99	22.81	24.00	
		1	74	23.33	23.08	22.88	24.00	
		36	0	22.41	22.08	21.93	23.00	
		36	18	22.39	21.99	21.77	23.00	
		36	39	22.44	22.03	21.88	23.00	
		75	0	22.43	22.06	21.85	23.00	
	16QAM	1	0	22.38	22.07	21.92	23.00	
		1	38	22.48	21.99	21.8	23.00	
		1	74	22.48	22.07	21.8	23.00	
		36	0	21.36	20.98	20.85	22.00	
		36	18	21.48	21.02	20.95	22.00	
		36	39	21.38	21.12	20.97	22.00	
		75	0	21.51	21.04	20.96	22.00	
	64QAM	1	0	21.40	21.00	20.90	22.00	
		1	38	21.34	21.05	20.94	22.00	
		1	74	21.38	20.97	20.83	22.00	





		36	0	20.42	19.97	19.84	21.00		
		36	18	20.42	20.03	19.86	21.00		
		36	39	20.25	20.03	20.01	21.00		
		75	0	20.36	19.94	19.79	21.00		
	256QAM	1	0	18.53	17.91	17.82	19.00		
		1	38	18.45	18.06	17.88	19.00		
		1	74	18.31	18.01	17.93	19.00		
		36	0	18.53	18.00	17.82	19.00		
		36	18	18.51	17.93	17.81	19.00		
		36	39	18.39	17.95	17.95	19.00		
		75	0	18.43	17.93	17.83	19.00		
		<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						55340	55990	56640	
<b>20MHz</b>	QPSK	1	0	23.42	23.04	22.74	24.00		
		1	50	23.31	22.99	22.78	24.00		
		1	99	23.38	23.01	22.84	24.00		
		50	0	22.48	22.03	21.86	23.00		
		50	25	22.42	21.98	21.84	23.00		
		50	50	22.46	22.02	21.82	23.00		
		100	0	22.49	22.04	21.84	23.00		
	16QAM	1	0	22.43	22.08	21.86	23.00		
		1	50	22.44	22.05	21.79	23.00		
		1	99	22.46	22.06	21.76	23.00		
		50	0	21.43	21.03	20.91	22.00		
		50	25	21.43	21.08	20.9	22.00		
		50	50	21.42	21.12	20.94	22.00		
		100	0	21.5	21.01	20.9	22.00		
	64QAM	1	0	21.40	21.02	20.92	22.00		
		1	50	21.32	21.04	20.93	22.00		
		1	99	21.38	20.96	20.80	22.00		
		50	0	20.48	20.00	19.82	21.00		
		50	25	20.46	19.98	19.83	21.00		
		50	50	20.31	19.99	19.94	21.00		
		100	0	20.38	19.94	19.81	21.00		
	256QAM	1	0	18.53	17.96	17.79	19.00		
		1	50	18.42	18.01	17.88	19.00		
		1	99	18.35	17.97	17.94	19.00		
		50	0	18.53	18.02	17.78	19.00		
		50	25	18.48	17.97	17.86	19.00		
		50	50	18.36	17.97	17.94	19.00		
		100	0	18.38	17.98	17.84	19.00		

<b>LTE Band 48 Receiver on</b>	<b>Conducted Power(dBm)</b>
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.41	20.1	19.81	21.00
		1	13	20.5	20.15	19.86	21.00
		1	24	20.34	20.14	19.78	21.00
		12	0	20.49	20.06	19.83	21.00
		12	6	20.36	19.99	19.77	21.00
		12	13	20.28	20.16	19.77	21.00
		25	0	20.33	20.17	19.66	21.00
	16QAM	1	0	20.34	20.07	19.69	21.00
		1	13	20.5	20.13	19.86	21.00
		1	24	20.41	20.09	19.71	21.00
		12	0	20.45	20.08	19.79	21.00
		12	6	20.42	20.21	19.84	21.00
		12	13	20.42	20.04	19.75	21.00
		25	0	20.33	20.17	19.83	21.00
	64QAM	1	0	20.30	20.08	19.79	21.00
		1	13	20.41	20.17	19.68	21.00
		1	24	20.48	20.06	19.77	21.00
		12	0	20.50	20.20	19.86	21.00
		12	6	20.37	20.14	19.76	21.00
		12	13	20.46	20.09	19.63	21.00
		25	0	20.23	20.00	19.84	21.00
	256QAM	1	0	18.58	17.98	17.80	19.00
		1	13	18.44	17.97	17.88	19.00
		1	24	18.35	18.02	17.95	19.00
		12	0	18.49	18.03	17.73	19.00
		12	6	18.51	17.98	17.83	19.00
		12	13	18.38	18.00	17.96	19.00
		25	0	18.40	18.01	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.4	20.13	19.87	21.00
		1	25	20.37	20.13	19.8	21.00
		1	49	20.49	20.06	19.79	21.00
		25	0	20.51	20.14	19.86	21.00
		25	13	20.43	20.12	19.74	21.00
		25	25	20.45	19.97	19.69	21.00
		50	0	20.43	20.14	19.82	21.00
	16QAM	1	0	20.3	19.98	19.76	21.00
		1	25	20.34	20.12	19.79	21.00
		1	49	20.45	20.13	19.79	21.00



		25	0	20.42	20.16	19.91	21.00	
		25	13	20.4	20.01	19.75	21.00	
		25	25	20.47	19.98	19.81	21.00	
		50	0	20.46	20.04	19.8	21.00	
	64QAM	1	0	20.30	20.12	19.82	21.00	
		1	25	20.39	20.17	19.70	21.00	
		1	49	20.47	20.05	19.79	21.00	
		25	0	20.51	20.24	19.86	21.00	
		25	13	20.37	20.16	19.77	21.00	
		25	25	20.44	20.08	19.65	21.00	
		50	0	20.29	20.02	19.87	21.00	
	256QAM	1	0	18.56	17.96	17.83	19.00	
		1	25	18.46	18.02	17.84	19.00	
		1	49	18.38	17.94	17.95	19.00	
		25	0	18.52	18.02	17.78	19.00	
		25	13	18.43	17.95	17.81	19.00	
		25	25	18.32	17.95	17.98	19.00	
		50	0	18.42	17.97	17.85	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>	<b>Tune up</b>
					55315	55990	56665	
	<b>15MHz</b>	QPSK	1	0	20.45	20.09	19.74	21.00
1			38	20.45	19.99	19.78	21.00	
1			74	20.32	20.09	19.7	21.00	
36			0	20.53	20.12	19.84	21.00	
36			18	20.38	20.05	19.74	21.00	
36			39	20.36	20.17	19.71	21.00	
75			0	20.42	20	19.82	21.00	
16QAM		1	0	20.41	19.99	19.69	21.00	
		1	38	20.35	20.18	19.88	21.00	
		1	74	20.44	20.1	19.81	21.00	
		36	0	20.53	20.15	19.79	21.00	
		36	18	20.41	20.21	19.79	21.00	
		36	39	20.35	20.1	19.86	21.00	
		75	0	20.3	20.07	19.73	21.00	
64QAM		1	0	20.32	20.07	19.78	21.00	
		1	38	20.42	20.14	19.68	21.00	
		1	74	20.49	20.12	19.78	21.00	
		36	0	20.49	20.19	19.81	21.00	
		36	18	20.35	20.14	19.78	21.00	
		36	39	20.42	20.02	19.69	21.00	
		75	0	20.29	19.99	19.81	21.00	
256QAM		1	0	18.58	17.91	17.84	19.00	
		1	38	18.41	17.98	17.89	19.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				55340	55990	56640		
20MHz	QPSK	1	74	18.36	17.97	17.91	19.00	
		36	0	18.51	17.99	17.77	19.00	
		36	18	18.44	18.01	17.82	19.00	
		36	39	18.36	17.93	17.95	19.00	
		75	0	18.40	17.94	17.86	19.00	
	16QAM	16QAM	1	0	20.49	20.21	19.83	21.00
			1	50	20.46	20.11	19.74	21.00
			1	99	20.39	20.18	19.78	21.00
			50	0	20.5	20.21	19.81	21.00
			50	25	20.38	20.07	19.85	21.00
			50	50	20.4	20.17	19.67	21.00
			100	0	20.51	20.13	19.7	21.00
	64QAM	64QAM	1	0	20.34	20.14	19.84	21.00
			1	50	20.47	20.2	19.74	21.00
			1	99	20.53	20.13	19.84	21.00
			50	0	20.52	20.25	19.87	21.00
			50	25	20.41	20.21	19.8	21.00
			50	50	20.48	20.1	19.7	21.00
			100	0	20.3	20.05	19.88	21.00
	256QAM	256QAM	1	0	20.28	20.12	19.77	21.00
			1	50	20.42	20.14	19.73	21.00
			1	99	20.47	20.12	19.79	21.00
			50	0	20.45	20.17	19.83	21.00
			50	25	20.37	20.13	19.73	21.00
			50	50	20.40	20.05	19.64	21.00
			100	0	20.24	19.98	19.84	21.00
	256QAM	256QAM	1	0	18.50	17.96	17.74	19.00
			1	50	18.44	18.00	17.93	19.00
			1	99	18.36	17.92	17.99	19.00
			50	0	18.55	17.99	17.74	19.00
50			25	18.46	17.99	17.86	19.00	
50			50	18.33	17.96	17.92	19.00	
100			0	18.36	17.98	17.82	19.00	

LTE Band 48 Receiver on + WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.93	18.51	18.18	19.50
		1	13	18.75	18.52	18.13	19.50



		1	25	18.95	18.46	18.23	19.50
		1	49	18.66	18.50	18.10	19.50
		25	0	18.91	18.52	18.33	19.50
		25	13	18.87	18.55	18.27	19.50
		25	25	18.66	18.47	18.19	19.50
		50	0	18.84	18.47	18.24	19.50
	256QAM	1	0	18.64	18.01	17.84	19.00
		1	25	18.43	18.00	17.87	19.00
		1	49	18.36	17.97	17.95	19.00
		25	0	18.55	18.00	17.81	19.00
		25	13	18.41	17.90	17.88	19.00
		25	25	18.36	17.96	17.95	19.00
50	0	18.38	17.90	17.81	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	18.93	18.58	18.13	19.50
		1	38	18.7	18.49	18.14	19.50
		1	74	18.76	18.52	18.34	19.50
		36	0	18.89	18.38	18.26	19.50
		36	18	18.79	18.44	18.12	19.50
		36	39	18.71	18.41	18.32	19.50
		75	0	18.74	18.47	18.2	19.50
	16QAM	1	0	18.84	18.55	18.27	19.50
		1	38	18.83	18.44	18.26	19.50
		1	74	18.85	18.42	18.15	19.50
		36	0	18.82	18.43	18.23	19.50
		36	18	18.83	18.47	18.43	19.50
		36	39	18.77	18.53	18.19	19.50
		75	0	18.72	18.4	18.16	19.50
	64QAM	1	0	18.75	18.48	18.35	19.50
		1	38	18.89	18.52	18.20	19.50
		1	74	18.64	18.38	18.22	19.50
		36	0	18.87	18.55	18.41	19.50
		36	18	18.96	18.53	18.20	19.50
		36	39	18.78	18.50	18.10	19.50
		75	0	18.83	18.43	18.21	19.50
	256QAM	1	0	18.55	17.89	17.73	19.00
		1	38	18.47	18.05	18.00	19.00
		1	74	18.38	17.98	17.93	19.00
		36	0	18.57	17.93	17.77	19.00
		36	18	18.49	17.90	17.89	19.00
		36	39	18.39	18.04	17.93	19.00
		75	0	18.34	17.98	17.82	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	18.87	18.5	18.19	19.50
		1	50	18.72	18.46	18.18	19.50
		1	99	18.8	18.47	18.32	19.50
		50	0	18.82	18.45	18.19	19.50
		50	25	18.73	18.42	18.17	19.50
		50	50	18.78	18.49	18.28	19.50
		100	0	18.82	18.51	18.22	19.50
	16QAM	1	0	18.77	18.49	18.19	19.50
		1	50	18.83	18.46	18.34	19.50
		1	99	18.83	18.49	18.15	19.50
		50	0	18.76	18.44	18.16	19.50
		50	25	18.76	18.51	18.36	19.50
		50	50	18.85	18.55	18.14	19.50
		100	0	18.7	18.44	18.2	19.50
	64QAM	1	0	18.75	18.43	18.36	19.50
		1	50	18.92	18.51	18.23	19.50
		1	99	18.69	18.42	18.18	19.50
		50	0	18.85	18.50	18.35	19.50
		50	25	18.92	18.53	18.22	19.50
		50	50	18.74	18.51	18.13	19.50
		100	0	18.79	18.50	18.29	19.50
	256QAM	1	0	18.57	17.93	17.78	19.00
		1	50	18.41	18.06	17.93	19.00
		1	99	18.38	17.98	17.92	19.00
		50	0	18.58	17.97	17.83	19.00
		50	25	18.45	17.95	17.86	19.00
		50	50	18.40	17.98	17.94	19.00
		100	0	18.38	17.95	17.81	19.00

Table 10 : Conducted Power of LTE

## 5 Conducted Power of Main Antenna (Ant0) NSA LTE

### 5.1 Conducted Power of NSA LTE

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.68	16.69	16.76	18.00
		1	2	16.82	16.70	16.78	18.00
		1	5	16.63	16.65	16.65	18.00



		3	0	16.78	16.74	16.74	18.00
		3	2	16.70	16.67	16.68	18.00
		3	3	16.45	16.46	16.49	18.00
		6	0	16.39	16.34	16.48	18.00
	16QAM	1	0	16.72	16.73	16.80	18.00
		1	2	16.89	16.77	16.85	18.00
		1	5	16.49	16.51	16.51	18.00
		3	0	16.69	16.65	16.65	18.00
		3	2	16.54	16.51	16.52	18.00
		3	3	16.44	16.45	16.48	18.00
		6	0	16.43	16.38	16.52	18.00
	64QAM	1	0	16.72	16.73	16.80	18.00
		1	2	16.89	16.77	16.85	18.00
		1	5	16.49	16.51	16.51	18.00
		3	0	16.69	16.65	16.65	18.00
		3	2	16.54	16.51	16.52	18.00
		3	3	16.44	16.45	16.48	18.00
		6	0	16.43	16.38	16.52	18.00
	256QAM	1	0	16.72	16.73	16.80	18.00
		1	2	16.89	16.77	16.85	18.00
		1	5	16.49	16.51	16.51	18.00
		3	0	16.69	16.65	16.65	18.00
		3	2	16.54	16.51	16.52	18.00
		3	3	16.44	16.45	16.48	18.00
6		0	16.43	16.38	16.52	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>
<b>3MHz</b>	QPSK	1	0	16.72	16.73	16.80	18.00
		1	7	16.91	16.79	16.87	18.00
		1	14	16.65	16.67	16.67	18.00
		8	0	16.55	16.51	16.51	18.00
		8	4	16.68	16.65	16.66	18.00
		8	7	16.52	16.53	16.56	18.00
		15	0	16.72	16.67	16.81	18.00
	16QAM	1	0	16.72	16.73	16.80	18.00
		1	7	16.91	16.79	16.87	18.00
		1	14	16.65	16.67	16.67	18.00
		8	0	16.55	16.51	16.51	18.00
		8	4	16.68	16.65	16.66	18.00
		8	7	16.52	16.53	16.56	18.00
		15	0	16.72	16.67	16.81	18.00
	64QAM	1	0	16.72	16.73	16.80	18.00
		1	7	16.91	16.79	16.87	18.00





		1	14	16.65	16.67	16.67	18.00	
		8	0	16.55	16.51	16.51	18.00	
		8	4	16.68	16.65	16.66	18.00	
		8	7	16.52	16.53	16.56	18.00	
		15	0	16.72	16.67	16.81	18.00	
	256QAM	1	0	16.72	16.73	16.80	18.00	
		1	7	16.91	16.79	16.87	18.00	
		1	14	16.65	16.67	16.67	18.00	
		8	0	16.55	16.51	16.51	18.00	
		8	4	16.68	16.65	16.66	18.00	
		8	7	16.52	16.53	16.56	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	16.59	16.60	16.67	18.00
1			13	16.98	16.86	16.94	18.00	
1			24	16.70	16.72	16.72	18.00	
12			0	16.87	16.83	16.83	18.00	
12			6	16.51	16.48	16.49	18.00	
12			13	16.65	16.66	16.69	18.00	
25			0	16.71	16.66	16.80	18.00	
16QAM		1	0	16.59	16.60	16.67	18.00	
		1	13	16.98	16.86	16.94	18.00	
		1	24	16.70	16.72	16.72	18.00	
		12	0	16.87	16.83	16.83	18.00	
		12	6	16.51	16.48	16.49	18.00	
		12	13	16.65	16.66	16.69	18.00	
		25	0	16.71	16.66	16.80	18.00	
64QAM		1	0	16.59	16.60	16.67	18.00	
		1	13	16.98	16.86	16.94	18.00	
		1	24	16.70	16.72	16.72	18.00	
		12	0	16.87	16.83	16.83	18.00	
		12	6	16.51	16.48	16.49	18.00	
		12	13	16.65	16.66	16.69	18.00	
		25	0	16.71	16.66	16.80	18.00	
256QAM		1	0	16.59	16.60	16.67	18.00	
		1	13	16.98	16.86	16.94	18.00	
		1	24	16.70	16.72	16.72	18.00	
		12	0	16.87	16.83	16.83	18.00	
		12	6	16.51	16.48	16.49	18.00	
		12	13	16.65	16.66	16.69	18.00	
		25	0	16.71	16.66	16.80	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



				18650	18900	19150	
<b>10MHz</b>	<b>QPSK</b>	1	0	16.73	16.74	16.81	18.00
		1	25	16.94	16.82	16.90	18.00
		1	49	16.38	16.40	16.40	18.00
		25	0	16.64	16.60	16.60	18.00
		25	13	16.58	16.55	16.56	18.00
		25	25	16.51	16.52	16.55	18.00
	<b>16QAM</b>	50	0	16.65	16.60	16.74	18.00
		1	0	16.73	16.74	16.81	18.00
		1	25	16.94	16.82	16.90	18.00
		1	49	16.38	16.40	16.40	18.00
		25	0	16.64	16.60	16.60	18.00
		25	13	16.58	16.55	16.56	18.00
	<b>64QAM</b>	25	25	16.51	16.52	16.55	18.00
		50	0	16.65	16.60	16.74	18.00
		1	0	16.73	16.74	16.81	18.00
		1	25	16.94	16.82	16.90	18.00
		1	49	16.38	16.40	16.40	18.00
		25	0	16.64	16.60	16.60	18.00
	<b>256QAM</b>	25	13	16.58	16.55	16.56	18.00
		25	25	16.51	16.52	16.55	18.00
		50	0	16.65	16.60	16.74	18.00
		1	0	16.73	16.74	16.81	18.00
		1	25	16.94	16.82	16.90	18.00
		1	49	16.38	16.40	16.40	18.00
<b>256QAM</b>	25	0	16.64	16.60	16.60	18.00	
	25	13	16.58	16.55	16.56	18.00	
	25	25	16.51	16.52	16.55	18.00	
	50	0	16.65	16.60	16.74	18.00	
	1	0	16.73	16.74	16.81	18.00	
	1	25	16.94	16.82	16.90	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>
				18675	18900	19125	
<b>15MHz</b>	<b>QPSK</b>	1	0	16.62	16.63	16.70	18.00
		1	38	16.91	16.79	16.87	18.00
		1	74	16.39	16.41	16.41	18.00
		36	0	16.78	16.74	16.74	18.00
		36	18	16.90	16.87	16.88	18.00
		36	39	16.74	16.75	16.78	18.00
	<b>16QAM</b>	75	0	16.64	16.59	16.73	18.00
		1	0	16.62	16.63	16.70	18.00
		1	38	16.91	16.79	16.87	18.00
		1	74	16.39	16.41	16.41	18.00
		36	0	16.78	16.74	16.74	18.00
		36	18	16.90	16.87	16.88	18.00



		36	39	16.74	16.75	16.78	18.00
		75	0	16.64	16.59	16.73	18.00
	64QAM	1	0	16.62	16.63	16.70	18.00
		1	38	16.91	16.79	16.87	18.00
		1	74	16.39	16.41	16.41	18.00
		36	0	16.78	16.74	16.74	18.00
		36	18	16.90	16.87	16.88	18.00
		36	39	16.74	16.75	16.78	18.00
		75	0	16.64	16.59	16.73	18.00
		256QAM	1	0	16.62	16.63	16.70
	1		38	16.91	16.79	16.87	18.00
	1		74	16.39	16.41	16.41	18.00
	36		0	16.78	16.74	16.74	18.00
	36		18	16.90	16.87	16.88	18.00
	36		39	16.74	16.75	16.78	18.00
	75		0	16.64	16.59	16.73	18.00
<b>Bandwidth</b>	Modulation		RB size	RB offset	Channel	Channel	Channel
		18700			18900	19100	
<b>20MHz</b>	QPSK	1	0	16.85	16.86	16.93	18.00
		1	50	16.70	16.58	16.66	18.00
		1	99	16.47	16.49	16.49	18.00
		50	0	16.53	16.49	16.49	18.00
		50	25	16.87	16.84	16.85	18.00
		50	50	16.47	16.48	16.51	18.00
		100	0	16.61	16.56	16.70	18.00
	16QAM	1	0	16.85	16.86	16.93	18.00
		1	50	16.70	16.58	16.66	18.00
		1	99	16.47	16.49	16.49	18.00
		50	0	16.53	16.49	16.49	18.00
		50	25	16.87	16.84	16.85	18.00
		50	50	16.47	16.48	16.51	18.00
		100	0	16.61	16.56	16.70	18.00
	64QAM	1	0	16.85	16.86	16.93	18.00
		1	50	16.70	16.58	16.66	18.00
		1	99	16.47	16.49	16.49	18.00
		50	0	16.53	16.49	16.49	18.00
		50	25	16.87	16.84	16.85	18.00
		50	50	16.47	16.48	16.51	18.00
		100	0	16.61	16.56	16.70	18.00
	256QAM	1	0	16.85	16.86	16.93	18.00
		1	50	16.70	16.58	16.66	18.00
		1	99	16.47	16.49	16.49	18.00
		50	0	16.53	16.49	16.49	18.00



		50	25	16.87	16.84	16.85	18.00
		50	50	16.47	16.48	16.51	18.00
		100	0	16.61	16.56	16.70	18.00

LTE Band 4 Serson on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.28	20.35	20.37	22.00
		1	2	20.3	20.41	20.43	22.00
		1	5	20.25	20.35	20.31	22.00
		3	0	20.27	20.35	20.37	22.00
		3	2	20.37	20.43	20.39	22.00
		3	3	20.31	20.33	20.4	22.00
		6	0	20.33	20.44	20.45	22.00
	16QAM	1	0	20.62	20.64	20.67	22.00
		1	2	20.65	20.77	20.7	22.00
		1	5	20.63	20.71	20.68	22.00
		3	0	20.39	20.51	20.45	22.00
		3	2	20.36	20.5	20.44	22.00
		3	3	20.34	20.37	20.45	22.00
		6	0	20.24	20.27	20.29	22.00
	64QAM	1	0	20.11	20.43	20.40	22.00
		1	2	20.10	20.40	20.38	22.00
		1	5	20.08	20.36	20.44	22.00
		3	0	20.17	20.43	20.36	22.00
		3	2	20.11	20.36	20.39	22.00
		3	3	20.05	20.46	20.42	22.00
		6	0	19.20	19.57	19.55	21.00
	256QAM	1	0	17.35	17.59	17.60	19.00
		1	2	17.34	17.62	17.65	19.00
		1	5	17.21	17.57	17.60	19.00
		3	0	17.26	17.60	17.52	19.00
		3	2	17.45	17.52	17.69	19.00
		3	3	17.24	17.50	17.53	19.00
		6	0	17.19	17.64	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			19965	20175	20385	
		1	0	20.30	20.31	20.30	22.00
		1	7	20.21	20.21	20.25	22.00
		1	14	20.19	20.26	20.22	22.00
		8	0	20.25	20.36	20.32	22.00



		8	4	20.31	20.31	20.34	22.00	
		8	7	20.26	20.36	20.39	22.00	
		15	0	20.35	20.28	20.29	22.00	
	16QAM	1	0	20.62	20.62	20.64	22.00	
		1	7	20.48	20.58	20.56	22.00	
		1	14	20.49	20.57	20.58	22.00	
		8	0	20.14	20.17	20.12	22.00	
		8	4	20.14	20.17	20.16	22.00	
		8	7	20.14	20.09	20.21	22.00	
		15	0	20.10	20.12	20.10	22.00	
		64QAM	1	0	20.10	20.44	20.53	22.00
	1		7	20.20	20.47	20.58	22.00	
	1		14	20.12	20.32	20.30	22.00	
	8		0	19.14	19.47	19.47	21.00	
	8		4	19.22	19.53	19.63	21.00	
	8		7	19.14	19.49	19.55	21.00	
	15		0	19.17	19.50	19.42	21.00	
	256QAM	1	0	17.23	17.36	17.44	19.00	
		1	7	17.27	17.42	17.50	19.00	
		1	14	17.08	17.42	17.42	19.00	
		8	0	17.07	17.49	17.25	19.00	
		8	4	17.33	17.42	17.53	19.00	
		8	7	17.43	17.43	17.53	19.00	
		15	0	17.16	17.48	17.29	19.00	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel 19975</b>	<b>Channel 20175</b>	<b>Channel 20375</b>
	<b>5MHz</b>	QPSK	1	0	20.21	20.27	20.31	22.00
			1	13	20.13	20.18	20.21	22.00
			1	24	20.23	20.19	20.24	22.00
12			0	20.25	20.35	20.36	22.00	
12			6	20.29	20.27	20.34	22.00	
12			13	20.30	20.31	20.33	22.00	
25			0	20.34	20.25	20.31	22.00	
16QAM		1	0	20.61	20.62	20.66	22.00	
		1	13	20.54	20.57	20.55	22.00	
		1	24	20.57	20.62	20.55	22.00	
		12	0	20.08	20.16	20.16	22.00	
		12	6	20.13	20.11	20.20	22.00	
		12	13	20.13	20.13	20.25	22.00	
		25	0	20.10	20.15	20.18	22.00	
64QAM		1	0	20.16	20.45	20.59	22.00	
		1	13	20.19	20.49	20.51	22.00	
		1	24	20.10	20.37	20.26	22.00	



		12	0	19.19	19.45	19.45	21.00
		12	6	19.19	19.57	19.58	21.00
		12	13	19.08	19.49	19.60	21.00
		25	0	19.16	19.44	19.45	21.00
	256QAM	1	0	17.21	17.41	17.45	19.00
		1	13	17.19	17.44	17.55	19.00
		1	24	17.01	17.46	17.46	19.00
		12	0	17.15	17.49	17.27	19.00
		12	6	17.36	17.41	17.52	19.00
		12	13	17.00	17.48	17.56	19.00
		25	0	17.07	17.46	17.27	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.21	20.29	20.30	22.00
		1	25	20.12	20.25	20.29	22.00
		1	49	20.23	20.23	20.18	22.00
		25	0	20.26	20.28	20.36	22.00
		25	13	20.29	20.26	20.37	22.00
		25	25	20.34	20.33	20.33	22.00
		50	0	20.34	20.31	20.35	22.00
	16QAM	1	0	20.58	20.66	20.71	22.00
		1	25	20.50	20.61	20.57	22.00
		1	49	20.49	20.57	20.54	22.00
		25	0	20.09	20.17	20.18	22.00
		25	13	20.17	20.11	20.17	22.00
		25	25	20.10	20.12	20.21	22.00
		50	0	20.11	20.10	20.09	22.00
	64QAM	1	0	20.14	20.51	20.56	22.00
		1	25	20.24	20.52	20.49	22.00
		1	49	20.08	20.31	20.24	22.00
		25	0	19.16	19.47	19.46	21.00
		25	13	19.20	19.57	19.64	21.00
		25	25	19.07	19.46	19.62	21.00
		50	0	19.11	19.52	19.42	21.00
	256QAM	1	0	17.23	17.39	17.50	19.00
		1	25	17.23	17.40	17.55	19.00
		1	49	17.01	17.45	17.45	19.00
		25	0	17.09	17.45	17.22	19.00
		25	13	17.33	17.39	17.52	19.00
		25	25	17.45	17.45	17.54	19.00
		50	0	17.16	17.49	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	

15MHz	QPSK	1	0	20.24	20.31	20.32	22.00
		1	38	20.14	20.23	20.27	22.00
		1	74	20.23	20.19	20.16	22.00
		36	0	20.32	20.35	20.40	22.00
		36	18	20.29	20.26	20.31	22.00
		36	39	20.26	20.33	20.31	22.00
		75	0	20.34	20.30	20.34	22.00
	16QAM	1	0	20.65	20.59	20.69	22.00
		1	38	20.49	20.63	20.52	22.00
		1	74	20.48	20.62	20.56	22.00
		36	0	20.11	20.15	20.14	22.00
		36	18	20.13	20.16	20.15	22.00
		36	39	20.10	20.15	20.24	22.00
		75	0	20.10	20.08	20.14	22.00
	64QAM	1	0	20.11	20.47	20.56	22.00
		1	38	20.19	20.56	20.58	22.00
		1	74	20.09	20.39	20.26	22.00
		36	0	19.19	19.39	19.47	21.00
		36	18	19.25	19.58	19.57	21.00
		36	39	19.10	19.47	19.58	21.00
		75	0	19.14	19.46	19.42	21.00
	256QAM	1	0	17.26	17.36	17.48	19.00
		1	38	17.22	17.37	17.54	19.00
		1	74	17.05	17.39	17.41	19.00
		36	0	17.07	17.41	17.24	19.00
		36	18	17.28	17.39	17.46	19.00
		36	39	17.44	17.44	17.53	19.00
		75	0	17.13	17.48	17.34	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel 20050</b>	<b>Channel 20175</b>	<b>Channel 20300</b>	<b>Tune up</b>
20MHz	QPSK	1	0	20.31	20.32	20.4	22.00
		1	50	20.22	20.27	20.31	22.00
		1	99	20.27	20.27	20.25	22.00
		50	0	20.33	20.38	20.42	22.00
		50	25	20.36	20.36	20.38	22.00
		50	50	20.36	20.4	20.4	22.00
		100	0	20.38	20.34	20.38	22.00
	16QAM	1	0	20.66	20.69	20.74	22.00
		1	50	20.57	20.65	20.62	22.00
		1	99	20.58	20.66	20.63	22.00
		50	0	20.16	20.19	20.21	22.00
		50	25	20.2	20.19	20.21	22.00
		50	50	20.17	20.19	20.26	22.00



		100	0	20.19	20.16	20.19	22.00
	64QAM	1	0	20.19	20.53	20.63	22.00
		1	50	20.25	20.57	20.59	22.00
		1	99	20.16	20.40	20.31	22.00
		50	0	19.20	19.49	19.52	21.00
		50	25	19.29	19.63	19.66	21.00
		50	50	19.16	19.53	19.63	21.00
		100	0	19.18	19.53	19.51	21.00
	256QAM	1	0	17.29	17.42	17.51	19.00
		1	50	17.29	17.45	17.58	19.00
		1	99	17.09	17.47	17.50	19.00
		50	0	17.17	17.51	17.31	19.00
		50	25	17.38	17.43	17.54	19.00
		50	50	17.05	17.50	17.58	19.00
		100	0	17.17	17.55	17.36	19.00

LTE Band 5 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.79	21.58	21.65	23.00
		1	2	21.53	21.82	21.45	23.00
		1	5	21.46	21.64	21.57	23.00
		3	0	21.38	21.70	21.39	23.00
		3	2	21.41	21.84	21.00	23.00
		3	3	21.34	21.84	21.75	23.00
		6	0	21.57	21.84	21.36	23.00
	16QAM	1	0	21.89	22.24	21.88	23.00
		1	2	22.12	22.55	21.82	23.00
		1	5	21.78	21.75	21.97	23.00
		3	0	21.43	21.91	21.68	23.00
		3	2	21.56	21.91	21.40	23.00
		3	3	21.65	21.98	21.12	23.00
		6	0	20.66	20.84	20.49	22.00
	64QAM	1	0	20.14	20.43	20.48	22.00
		1	2	20.17	20.42	20.51	22.00
		1	5	20.13	20.45	20.43	22.00
		3	0	20.18	20.44	20.42	22.00
		3	2	20.24	20.40	20.54	22.00
		3	3	20.14	20.49	20.48	22.00
		6	0	19.23	19.60	19.63	21.00
	256QAM	1	0	17.40	17.55	17.63	19.00



		1	2	17.43	17.59	17.74	19.00
		1	5	17.19	17.62	17.63	19.00
		3	0	17.28	17.62	17.53	19.00
		3	2	17.48	17.57	17.77	19.00
		3	3	17.28	17.66	17.66	19.00
		6	0	17.33	17.63	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.75	21.54	21.61	23.00
		1	7	21.50	21.79	21.42	23.00
		1	14	21.51	21.69	21.62	23.00
		8	0	21.91	21.91	22.01	23.00
		8	4	21.94	22.08	22.01	23.00
		8	7	22.02	22.07	21.80	23.00
		15	0	21.93	21.91	21.93	23.00
	16QAM	1	0	21.92	21.96	22.28	23.00
		1	7	21.74	22.28	22.43	23.00
		1	14	22.62	22.05	21.21	23.00
		8	0	20.94	21.05	21.10	22.00
		8	4	21.02	21.07	20.94	22.00
		8	7	21.13	21.11	20.94	22.00
		15	0	21.03	21.00	21.01	22.00
	64QAM	1	0	20.33	20.72	20.76	22.00
		1	7	20.35	20.69	20.75	22.00
		1	14	20.26	20.56	20.52	22.00
		8	0	19.35	19.60	19.61	21.00
		8	4	19.45	19.76	19.89	21.00
		8	7	19.29	19.70	19.80	21.00
		15	0	19.36	19.66	19.58	21.00
	256QAM	1	0	17.35	17.58	17.63	19.00
		1	7	17.42	17.63	17.77	19.00
		1	14	17.20	17.58	17.66	19.00
		8	0	17.25	17.58	17.53	19.00
		8	4	17.47	17.54	17.75	19.00
		8	7	17.25	17.60	17.63	19.00
		15	0	17.28	17.64	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.84	21.63	21.70	23.00
		1	13	21.47	21.76	21.39	23.00
		1	24	21.49	21.67	21.60	23.00
		12	0	22.00	21.92	21.63	23.00
		12	6	22.05	22.02	21.94	23.00

		12	13	22.05	22.08	21.93	23.00	
		25	0	22.10	21.96	21.80	23.00	
	16QAM	1	0	21.84	22.31	21.44	23.00	
		1	13	22.45	22.33	22.48	23.00	
		1	24	22.54	22.64	21.18	23.00	
		12	0	21.01	21.04	20.67	22.00	
		12	6	21.06	21.05	20.98	22.00	
		12	13	21.01	21.09	21.02	22.00	
		25	0	21.17	21.01	20.82	22.00	
		64QAM	1	0	20.42	20.70	20.76	22.00
	1		13	20.33	20.70	20.77	22.00	
	1		24	20.29	20.56	20.50	22.00	
	12		0	19.40	19.56	19.59	21.00	
	12		6	19.50	19.74	19.90	21.00	
	12		13	19.30	19.68	19.80	21.00	
	25		0	19.37	19.70	19.60	21.00	
	256QAM		1	0	17.35	17.58	17.64	19.00
		1	13	17.45	17.60	17.75	19.00	
		1	24	17.23	17.63	17.63	19.00	
		12	0	17.31	17.61	17.55	19.00	
		12	6	17.45	17.59	17.77	19.00	
		12	13	17.25	17.65	17.67	19.00	
		25	0	17.27	17.66	17.46	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>
	<b>10MHz</b>	QPSK	1	0	21.84	21.63	21.70	23.00
			1	25	21.54	21.83	21.46	23.00
			1	49	21.46	21.64	21.57	23.00
			25	0	21.93	21.99	21.96	23.00
25			13	22.12	22.16	21.23	23.00	
25			25	22.02	22.12	21.67	23.00	
50			0	22.19	22.09	21.41	23.00	
16QAM			1	0	21.90	22.16	22.19	23.00
		1	25	21.99	22.51	22.71	23.00	
		1	49	22.65	22.08	21.76	23.00	
		25	0	20.97	21.03	20.77	22.00	
		25	13	21.08	21.10	20.27	22.00	
		25	25	20.99	21.13	20.67	22.00	
		50	0	21.14	20.98	20.43	22.00	
		64QAM	1	0	20.38	20.71	20.83	22.00
1			25	20.36	20.75	20.83	22.00	
1			49	20.31	20.60	20.49	22.00	
25			0	19.40	19.55	19.61	21.00	



		25	13	19.48	19.71	19.90	21.00
		25	25	19.30	19.74	19.70	21.00
		50	0	19.30	19.68	19.57	21.00
	256QAM	1	0	17.35	17.55	17.66	19.00
		1	25	17.40	17.66	17.78	19.00
		1	49	17.22	17.60	17.63	19.00
		25	0	17.30	17.63	17.51	19.00
		25	13	17.42	17.54	17.78	19.00
		25	25	17.27	17.59	17.61	19.00
		50	0	17.30	17.69	17.47	19.00

LTE Band 5 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.93	19.72	19.79	21.00
		1	2	19.67	19.96	19.59	21.00
		1	5	19.78	19.96	19.89	21.00
		3	0	19.48	19.80	19.49	21.00
		3	2	19.60	20.03	19.19	21.00
		3	3	19.66	20.16	20.07	21.00
	16QAM	6	0	19.72	19.99	19.51	21.00
		1	0	19.89	20.24	19.88	21.00
		1	2	20.08	20.51	19.78	21.00
		1	5	19.98	19.95	20.17	21.00
		3	0	19.53	20.01	19.78	21.00
		3	2	19.67	20.02	19.51	21.00
	64QAM	3	3	19.81	20.14	19.28	21.00
		6	0	19.73	19.91	19.56	21.00
		1	0	19.37	19.66	19.71	21.00
		1	2	19.36	19.61	19.70	21.00
		1	5	19.10	19.42	19.40	21.00
		3	0	19.34	19.60	19.58	21.00
	256QAM	3	2	19.39	19.55	19.69	21.00
		3	3	19.32	19.67	19.66	21.00
		6	0	19.23	19.60	19.63	21.00
		1	0	17.40	17.55	17.63	19.00
		1	2	17.43	17.59	17.74	19.00
		1	5	17.19	17.62	17.63	19.00
	3	0	17.28	17.62	17.53	19.00	
	3	2	17.48	17.57	17.77	19.00	
	3	3	17.28	17.66	17.66	19.00	



Bandwidth	Modulation	RB size	RB offset	17.33	17.63	17.47	19.00
				Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.05	19.84	19.91	21.00
		1	7	19.70	19.99	19.62	21.00
		1	14	19.82	20.00	19.93	21.00
		8	0	19.57	19.89	19.58	21.00
		8	4	19.72	20.15	19.31	21.00
		8	7	19.47	19.97	19.88	21.00
	16QAM	15	0	19.61	19.88	19.40	21.00
		1	0	19.99	20.34	19.98	21.00
		1	7	20.28	20.71	19.98	21.00
		1	14	19.99	19.96	20.18	21.00
		8	0	19.63	20.11	19.88	21.00
		8	4	19.73	20.08	19.57	21.00
	64QAM	8	7	19.72	20.05	19.19	21.00
		15	0	19.65	19.83	19.48	21.00
		1	0	19.33	19.62	19.67	21.00
		1	7	19.16	19.41	19.50	21.00
		1	14	19.23	19.55	19.53	21.00
		8	0	19.24	19.50	19.48	21.00
	256QAM	8	4	19.46	19.62	19.76	21.00
		8	7	19.09	19.44	19.43	21.00
		15	0	19.36	19.66	19.58	21.00
		1	0	17.35	17.58	17.63	19.00
		1	7	17.42	17.63	17.77	19.00
		1	14	17.20	17.58	17.66	19.00
5MHz	QPSK	8	0	17.25	17.58	17.53	19.00
		8	4	17.47	17.54	17.75	19.00
8		7	17.25	17.60	17.63	19.00	
15		0	17.28	17.64	17.46	19.00	
16QAM		1	0	19.99	19.78	19.85	21.00
		1	13	19.64	19.93	19.56	21.00
	1	24	19.63	19.81	19.74	21.00	
16QAM	12	0	19.56	19.88	19.57	21.00	
	12	6	19.64	20.07	19.23	21.00	
	12	13	19.68	20.18	20.09	21.00	
16QAM	25	0	19.66	19.93	19.45	21.00	
	1	0	19.88	20.23	19.87	21.00	
	1	13	20.31	20.74	20.01	21.00	
16QAM	1	24	19.84	19.81	20.03	21.00	

		12	0	19.59	20.07	19.84	21.00	
		12	6	19.66	20.01	19.50	21.00	
		12	13	19.77	20.10	19.24	21.00	
		25	0	19.77	19.95	19.60	21.00	
	64QAM	1	0	19.32	19.61	19.66	21.00	
		1	13	19.36	19.61	19.70	21.00	
		1	24	19.16	19.48	19.46	21.00	
		12	0	19.14	19.40	19.38	21.00	
		12	6	19.26	19.42	19.56	21.00	
		12	13	19.30	19.65	19.64	21.00	
		25	0	19.37	19.70	19.60	21.00	
	256QAM	1	0	17.35	17.58	17.64	19.00	
		1	13	17.45	17.60	17.75	19.00	
		1	24	17.23	17.63	17.63	19.00	
		12	0	17.31	17.61	17.55	19.00	
		12	6	17.45	17.59	17.77	19.00	
		12	13	17.25	17.65	17.67	19.00	
		25	0	17.27	17.66	17.46	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
	10MHz	QPSK	1	0	19.85	19.64	19.71	21.00
1			25	19.73	20.02	19.65	21.00	
1			49	19.68	19.86	19.79	21.00	
25			0	19.73	20.05	19.74	21.00	
25			13	19.60	20.03	19.19	21.00	
25			25	19.68	20.18	20.09	21.00	
50			0	19.56	19.83	19.35	21.00	
16QAM		1	0	20.07	20.42	20.06	21.00	
		1	25	20.34	20.77	20.04	21.00	
		1	49	19.91	19.88	20.10	21.00	
		25	0	19.53	20.01	19.78	21.00	
		25	13	19.61	19.96	19.45	21.00	
		25	25	19.78	20.11	19.25	21.00	
		50	0	19.91	20.09	19.74	21.00	
64QAM		1	0	19.09	19.38	19.43	21.00	
		1	25	19.28	19.53	19.62	21.00	
		1	49	19.25	19.57	19.55	21.00	
		25	0	19.23	19.49	19.47	21.00	
		25	13	19.47	19.63	19.77	21.00	
		25	25	19.26	19.61	19.60	21.00	
		50	0	19.30	19.68	19.57	21.00	
256QAM		1	0	17.35	17.55	17.66	19.00	
		1	25	17.40	17.66	17.78	19.00	



		1	49	17.22	17.60	17.63	19.00
		25	0	17.30	17.63	17.51	19.00
		25	13	17.42	17.54	17.78	19.00
		25	25	17.27	17.59	17.61	19.00
		50	0	17.30	17.69	17.47	19.00

LTE Band 12 Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	20.90	20.90	20.88	22.00	
		1	2	21.02	20.97	20.70	22.00	
		1	5	20.98	21.02	21.21	22.00	
		3	0	20.94	20.95	20.69	22.00	
		3	2	21.04	21.07	20.47	22.00	
		3	3	20.94	20.83	20.26	22.00	
	16QAM	6	0	21.04	21.00	20.53	22.00	
		1	0	21.31	21.12	21.36	22.00	
		1	2	21.54	21.08	21.15	22.00	
		1	5	20.98	21.38	20.73	22.00	
		3	0	21.20	20.97	20.76	22.00	
		3	2	21.17	21.09	20.51	22.00	
	64QAM	3	3	21.15	21.10	20.52	22.00	
		6	0	20.92	21.04	20.50	22.00	
		1	0	20.14	20.40	20.43	22.00	
		1	2	20.18	20.45	20.56	22.00	
		1	5	20.14	20.41	20.47	22.00	
		3	0	20.13	20.45	20.45	22.00	
	256QAM	3	2	20.28	20.43	20.50	22.00	
		3	3	20.09	20.50	20.49	22.00	
		6	0	19.28	19.62	19.61	21.00	
		1	0	17.35	17.56	17.67	19.00	
		1	2	17.41	17.60	17.74	19.00	
		1	5	17.25	17.64	17.64	19.00	
	3MHz	QPSK	3	0	17.25	17.60	17.53	19.00
			3	2	17.42	17.57	17.79	19.00
	3MHz	QPSK	3	3	17.26	17.64	17.64	19.00
			6	0	17.30	17.63	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23025	23095	23165		
3MHz	QPSK	1	0	20.92	20.92	20.90	22.00	
		1	7	20.90	20.85	20.58	22.00	

		1	14	20.73	20.77	20.96	22.00
		8	0	20.91	20.92	20.66	22.00
		8	4	21.00	21.03	20.43	22.00
		8	7	20.93	20.82	20.25	22.00
		15	0	21.03	20.99	20.52	22.00
	16QAM	1	0	21.32	21.13	21.37	22.00
		1	7	21.48	21.02	21.09	22.00
		1	14	21.03	21.43	20.78	22.00
		8	0	21.09	21.03	20.79	22.00
		8	4	20.91	21.03	21.06	22.00
		8	7	20.93	20.94	20.89	22.00
	64QAM	15	0	20.79	20.67	20.84	22.00
		1	0	20.38	20.68	20.76	22.00
		1	7	20.43	20.69	20.78	22.00
		1	14	20.31	20.57	20.49	22.00
		8	0	19.37	19.60	19.56	21.00
		8	4	19.38	19.75	19.86	21.00
		8	7	19.40	19.68	19.71	21.00
	256QAM	15	0	19.33	19.66	19.60	21.00
		1	0	17.40	17.54	17.66	19.00
		1	7	17.41	17.59	17.75	19.00
1		14	17.18	17.60	17.67	19.00	
8		0	17.30	17.64	17.48	19.00	
8		4	17.41	17.60	17.79	19.00	
8		7	17.26	17.64	17.65	19.00	
15	0	17.33	17.65	17.50	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>	<b>Tune up</b>
				23035	23095	23155	
<b>5MHz</b>	QPSK	1	0	20.84	20.84	20.82	22.00
		1	13	21.06	21.01	20.74	22.00
		1	24	20.78	20.82	21.01	22.00
		12	0	20.79	20.80	20.54	22.00
		12	6	20.95	20.98	20.38	22.00
		12	13	20.94	20.83	20.26	22.00
		25	0	21.04	21.00	20.53	22.00
	16QAM	1	0	21.35	21.16	21.40	22.00
		1	13	21.61	21.15	21.22	22.00
		1	24	20.96	21.36	20.71	22.00
		12	0	20.98	20.98	20.85	22.00
		12	6	20.92	20.96	20.90	22.00
		12	13	20.97	20.94	20.86	22.00
	25	0	20.98	20.93	20.85	22.00	
64QAM	1	0	20.45	20.59	20.77	22.00	

		1	13	20.39	20.77	20.75	22.00
		1	24	20.33	20.56	20.51	22.00
		12	0	19.35	19.67	19.61	21.00
		12	6	19.43	19.70	19.81	21.00
		12	13	19.35	19.76	19.74	21.00
		25	0	19.35	19.64	19.64	21.00
	256QAM	1	0	17.38	17.59	17.67	19.00
		1	13	17.41	17.60	17.77	19.00
		1	24	17.18	17.61	17.62	19.00
		12	0	17.29	17.65	17.55	19.00
		12	6	17.43	17.59	17.76	19.00
		12	13	17.26	17.62	17.65	19.00
25	0	17.27	17.63	17.50	19.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 23060	<b>Channel</b> 23095	<b>Channel</b> 23130	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	20.69	20.69	20.67	22.00
		1	25	21.09	21.04	20.77	22.00
		1	49	20.90	20.94	21.13	22.00
		25	0	21.06	21.07	20.81	22.00
		25	13	20.92	20.95	20.35	22.00
		25	25	20.95	20.84	20.27	22.00
		50	0	20.95	20.91	20.44	22.00
	16QAM	1	0	21.47	21.28	21.52	22.00
		1	25	21.43	20.97	21.04	22.00
		1	49	20.99	21.39	20.74	22.00
		25	0	21.03	21.00	20.95	22.00
		25	13	21.07	21.08	20.99	22.00
		25	25	20.83	20.91	21.05	22.00
		50	0	21.11	21.12	21.04	22.00
	64QAM	1	0	20.36	20.64	20.73	22.00
		1	25	20.42	20.76	20.75	22.00
		1	49	20.36	20.60	20.50	22.00
		25	0	19.35	19.63	19.58	21.00
		25	13	19.39	19.75	19.86	21.00
		25	25	19.37	19.70	19.81	21.00
		50	0	19.34	19.71	19.66	21.00
	256QAM	1	0	17.42	17.55	17.67	19.00
		1	25	17.40	17.63	17.79	19.00
		1	49	17.19	17.62	17.63	19.00
		25	0	17.24	17.59	17.51	19.00
		25	13	17.42	17.55	17.79	19.00
		25	25	17.26	17.60	17.68	19.00
		50	0	17.30	17.64	17.47	19.00



LTE Band 12 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	19.69	19.69	19.67	21.00
		1	2	19.98	19.93	19.66	21.00
		1	5	19.87	19.91	20.10	21.00
		3	0	19.78	19.79	19.53	21.00
		3	2	19.87	19.90	19.30	21.00
		3	3	20.00	19.89	19.32	21.00
	16QAM	6	0	20.11	20.07	19.60	21.00
		1	0	20.37	20.18	20.42	21.00
		1	2	20.43	19.97	20.04	21.00
		1	5	20.00	20.40	19.75	21.00
		3	0	19.99	19.76	19.55	21.00
		3	2	20.20	20.12	19.54	21.00
	64QAM	3	3	19.89	19.84	19.26	21.00
		6	0	19.87	19.99	19.45	21.00
		1	0	19.38	19.64	19.67	21.00
		1	2	19.15	19.42	19.53	21.00
		1	5	19.12	19.39	19.45	21.00
		3	0	19.23	19.55	19.55	21.00
	256QAM	3	2	19.40	19.55	19.62	21.00
		3	3	19.22	19.63	19.62	21.00
		6	0	19.28	19.62	19.61	21.00
		1	0	17.35	17.56	17.67	19.00
		1	2	17.41	17.60	17.74	19.00
		1	5	17.25	17.64	17.64	19.00
3MHz	QPSK	3	0	17.25	17.60	17.53	19.00
		3	2	17.42	17.57	17.79	19.00
		3	3	17.26	17.64	17.64	19.00
		6	0	17.30	17.63	17.47	19.00
		1	0	19.80	19.80	19.78	21.00
		1	7	19.84	19.79	19.52	21.00
		1	14	19.84	19.88	20.07	21.00
8	0	19.90	19.91	19.65	21.00		
8	4	20.08	20.11	19.51	21.00		
8	7	19.77	19.66	19.09	21.00		
15	0	20.13	20.09	19.62	21.00		



	16QAM	1	0	20.22	20.03	20.27	21.00
		1	7	20.53	20.07	20.14	21.00
		1	14	19.88	20.28	19.63	21.00
		8	0	20.10	19.87	19.66	21.00
		8	4	20.05	19.97	19.39	21.00
		8	7	19.99	19.94	19.36	21.00
		15	0	20.15	20.27	19.73	21.00
	64QAM	1	0	19.14	19.40	19.43	21.00
		1	7	19.37	19.64	19.75	21.00
		1	14	19.27	19.54	19.60	21.00
		8	0	19.37	19.60	19.56	21.00
		8	4	19.38	19.75	19.86	21.00
		8	7	19.40	19.68	19.71	21.00
		15	0	19.33	19.66	19.60	21.00
	256QAM	1	0	17.40	17.54	17.66	19.00
		1	7	17.41	17.59	17.75	19.00
		1	14	17.18	17.60	17.67	19.00
		8	0	17.30	17.64	17.48	19.00
		8	4	17.41	17.60	17.79	19.00
		8	7	17.26	17.64	17.65	19.00
		15	0	17.33	17.65	17.50	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 23035	<b>Channel</b> 23095	<b>Channel</b> 23155	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	19.73	19.73	19.71	21.00
		1	13	20.10	20.05	19.78	21.00
		1	24	19.89	19.93	20.12	21.00
		12	0	20.06	20.07	19.81	21.00
		12	6	19.93	19.96	19.36	21.00
		12	13	19.86	19.75	19.18	21.00
		25	0	20.15	20.11	19.64	21.00
	16QAM	1	0	20.44	20.25	20.49	21.00
		1	13	20.55	20.09	20.16	21.00
		1	24	20.01	20.41	19.76	21.00
		12	0	20.10	19.87	19.66	21.00
		12	6	20.02	19.94	19.36	21.00
		12	13	19.99	19.94	19.36	21.00
		25	0	20.04	20.16	19.62	21.00
	64QAM	1	0	19.36	19.62	19.65	21.00
		1	13	19.17	19.44	19.55	21.00
		1	24	19.25	19.52	19.58	21.00
		12	0	19.35	19.67	19.61	21.00
		12	6	19.43	19.70	19.81	21.00
		12	13	19.35	19.76	19.74	21.00



		25	0	19.35	19.64	19.64	21.00
	256QAM	1	0	17.38	17.59	17.67	19.00
		1	13	17.41	17.60	17.77	19.00
		1	24	17.18	17.61	17.62	19.00
		12	0	17.29	17.65	17.55	19.00
		12	6	17.43	17.59	17.76	19.00
		12	13	17.26	17.62	17.65	19.00
		25	0	17.27	17.63	17.50	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>	<b>Tune up</b>
				23060	23095	23130	
<b>10MHz</b>	QPSK	1	0	19.85	19.85	19.83	21.00
		1	25	19.83	19.78	19.51	21.00
		1	49	19.96	20.00	20.19	21.00
		25	0	20.05	20.06	19.80	21.00
		25	13	20.09	20.12	19.52	21.00
		25	25	19.74	19.63	19.06	21.00
		50	0	20.05	20.01	19.54	21.00
	16QAM	1	0	20.19	20.00	20.24	21.00
		1	25	20.65	20.19	20.26	21.00
		1	49	19.94	20.34	19.69	21.00
		25	0	20.11	19.88	19.67	21.00
		25	13	20.16	20.08	19.50	21.00
		25	25	20.19	20.14	19.56	21.00
		50	0	19.93	20.05	19.51	21.00
	64QAM	1	0	19.25	19.51	19.54	21.00
		1	25	19.20	19.47	19.58	21.00
		1	49	19.18	19.45	19.51	21.00
		25	0	19.35	19.63	19.58	21.00
		25	13	19.39	19.75	19.86	21.00
		25	25	19.37	19.70	19.81	21.00
		50	0	19.34	19.71	19.66	21.00
	256QAM	1	0	17.42	17.55	17.67	19.00
		1	25	17.40	17.63	17.79	19.00
		1	49	17.19	17.62	17.63	19.00
		25	0	17.24	17.59	17.51	19.00
		25	13	17.42	17.55	17.79	19.00
		25	25	17.26	17.60	17.68	19.00
		50	0	17.30	17.64	17.47	19.00

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				23205	23230	23255	
<b>5MHz</b>	QPSK	1	0	20.07	20.14	20.20	21.00
		1	13	19.96	19.89	20.12	21.00
		1	24	19.93	20.05	19.88	21.00
		12	0	19.13	19.17	19.15	21.00
		12	6	19.03	19.03	19.03	21.00
		12	13	18.97	19.03	18.96	21.00
		25	0	20.20	20.18	20.22	21.00
	16QAM	1	0	20.16	20.47	20.10	21.00
		1	13	20.31	20.47	20.68	21.00
		1	24	20.32	20.52	20.56	21.00
		12	0	18.98	18.90	18.87	21.00
		12	6	19.09	18.96	18.98	21.00
		12	13	19.22	19.21	19.22	21.00
		25	0	20.26	20.11	20.14	21.00
	64QAM	1	0	19.55	19.86	19.92	21.00
		1	13	19.32	19.64	19.70	21.00
		1	24	19.32	19.53	19.53	21.00
		12	0	19.34	19.62	19.62	21.00
		12	6	19.39	19.74	19.87	21.00
		12	13	19.40	19.78	19.73	21.00
		25	0	19.29	19.73	19.63	21.00
256QAM	1	0	17.41	17.55	17.63	19.00	
	1	13	17.40	17.66	17.73	19.00	
	1	24	17.25	17.61	17.66	19.00	
	12	0	17.27	17.65	17.50	19.00	
	12	6	17.41	17.60	17.78	19.00	
	12	13	17.23	17.65	17.64	19.00	
	25	0	17.32	17.65	17.50	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>	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	\	19.93	\	21.00
		1	25	\	19.92	\	21.00
		1	49	\	20.08	\	21.00
		25	0	\	19.18	\	21.00
		25	13	\	19.16	\	21.00
		25	25	\	19.19	\	21.00
		50	0	\	20.21	\	21.00
	16QAM	1	0	\	20.46	\	21.00
		1	25	\	20.43	\	21.00
		1	49	\	20.73	\	21.00
		25	0	\	19.09	\	21.00
25		13	\	19.11	\	21.00	



		25	25	\	19.00	\	21.00
		50	0	\	20.14	\	21.00
	64QAM	1	0	\	19.62	\	21.00
		1	25	\	19.91	\	21.00
		1	49	\	19.77	\	21.00
		25	0	\	19.62	\	21.00
		25	13	\	19.71	\	21.00
		25	25	\	19.77	\	21.00
		50	0	\	19.70	\	21.00
		256QAM	1	0	\	17.57	\
	1		25	\	17.66	\	19.00
	1		49	\	17.65	\	19.00
	25		0	\	17.64	\	19.00
	25		13	\	17.59	\	19.00
	25		25	\	17.62	\	19.00
50	0		\	17.63	\	19.00	

LTE Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	20.01	20.10	20.00	21.00
		1	13	20.05	20.08	20.09	21.00
		1	24	20.25	20.01	19.95	21.00
		12	0	19.09	18.99	18.95	21.00
		12	6	19.17	19.17	19.06	21.00
		12	13	19.08	19.02	19.01	21.00
		25	0	20.25	20.21	20.14	21.00
	16QAM	1	0	20.41	20.48	20.40	21.00
		1	13	20.49	20.43	20.07	21.00
		1	24	20.30	20.20	20.66	21.00
		12	0	19.34	19.17	19.28	21.00
		12	6	19.24	19.24	19.13	21.00
		12	13	18.89	19.03	19.00	21.00
		25	0	20.29	20.23	20.22	21.00
	64QAM	1	0	19.45	19.74	19.83	21.00
		1	13	19.51	19.84	19.90	21.00
		1	24	19.51	19.71	19.71	21.00
		12	0	19.38	19.60	19.62	21.00
		12	6	19.41	19.67	19.85	21.00
		12	13	19.36	19.69	19.74	21.00
		25	0	19.26	19.69	19.60	21.00



		1	0	17.41	17.58	17.68	19.00
		1	13	17.41	17.66	17.77	19.00
		1	24	17.21	17.62	17.63	19.00
	256QAM	12	0	17.27	17.60	17.55	19.00
		12	6	17.45	17.60	17.79	19.00
		12	13	17.21	17.66	17.68	19.00
		25	0	17.27	17.64	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	23330	\	
10MHz	QPSK	1	0	\	20.01	\	21.00
		1	25	\	19.90	\	21.00
		1	49	\	19.82	\	21.00
		25	0	\	18.99	\	21.00
		25	13	\	19.01	\	21.00
		25	25	\	19.04	\	21.00
		50	0	\	20.04	\	21.00
	16QAM	1	0	\	20.53	\	21.00
		1	25	\	20.44	\	21.00
		1	49	\	19.93	\	21.00
		25	0	\	19.00	\	21.00
		25	13	\	19.10	\	21.00
		25	25	\	19.09	\	21.00
		50	0	\	20.03	\	21.00
	64QAM	1	0	\	19.60	\	21.00
		1	25	\	19.90	\	21.00
		1	49	\	19.79	\	21.00
		25	0	\	19.60	\	21.00
		25	13	\	19.69	\	21.00
		25	25	\	19.72	\	21.00
		50	0	\	19.64	\	21.00
	256QAM	1	0	\	17.56	\	19.00
		1	25	\	17.60	\	19.00
		1	49	\	17.65	\	19.00
		25	0	\	17.58	\	19.00
		25	13	\	17.57	\	19.00
		25	25	\	17.63	\	19.00
		50	0	\	17.68	\	19.00

LTE Band 66 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	



1.4MHz	QPSK	1	0	19.44	19.59	19.57	20.00
		1	2	19.51	19.60	19.42	20.00
		1	5	19.60	19.62	19.64	20.00
		3	0	19.57	19.52	19.54	20.00
		3	1	19.56	19.57	19.68	20.00
		3	3	19.78	19.64	19.87	20.00
		6	0	19.71	19.65	19.78	20.00
	16QAM	1	0	19.33	19.39	19.23	20.00
		1	2	19.27	19.47	19.47	20.00
		1	5	19.37	19.48	19.38	20.00
		3	0	18.65	18.55	18.52	20.00
		3	1	18.45	18.52	18.50	20.00
		3	3	18.86	18.66	18.79	20.00
		6	0	19.44	19.39	19.46	20.00
	64QAM	1	0	19.37	19.35	19.39	20.00
		1	2	19.57	19.43	19.50	20.00
		1	5	19.51	19.54	19.54	20.00
		3	0	19.58	19.53	19.60	20.00
		3	1	19.52	19.54	19.59	20.00
		3	3	19.50	19.46	19.50	20.00
		6	0	19.63	19.59	19.67	20.00
	256QAM	1	0	18.75	18.74	18.76	19.00
		1	2	18.44	18.48	18.77	19.00
		1	5	18.85	18.69	18.88	19.00
		3	0	18.69	18.62	18.80	19.00
		3	1	18.46	18.48	18.84	19.00
		3	3	18.93	18.73	18.98	19.00
		6	0	18.59	18.67	18.83	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 131987	<b>Channel</b> 132322	<b>Channel</b> 132657	<b>Tune up</b>
3MHz	QPSK	1	0	19.26	19.41	19.39	20.00
		1	7	19.47	19.56	19.38	20.00
		1	14	19.69	19.71	19.73	20.00
		8	0	19.68	19.63	19.65	20.00
		8	4	19.46	19.47	19.58	20.00
		8	7	19.65	19.51	19.74	20.00
		15	0	19.68	19.62	19.75	20.00
	16QAM	1	0	19.31	19.37	19.21	20.00
		1	7	19.28	19.48	19.48	20.00
		1	14	19.56	19.67	19.57	20.00
		8	0	18.67	18.57	18.54	20.00
		8	4	18.37	18.44	18.42	20.00
		8	7	18.85	18.65	18.78	20.00

		15	0	19.57	19.52	19.59	20.00
	64QAM	1	0	19.48	19.46	19.50	20.00
		1	7	19.63	19.49	19.56	20.00
		1	14	19.39	19.42	19.42	20.00
		8	0	19.60	19.55	19.62	20.00
		8	4	19.42	19.44	19.49	20.00
		8	7	19.61	19.57	19.61	20.00
		15	0	19.40	19.36	19.44	20.00
	256QAM	1	0	18.73	18.75	18.69	19.00
		1	7	18.43	18.51	18.77	19.00
		1	14	18.86	18.71	18.86	19.00
		8	0	18.70	18.69	18.76	19.00
		8	4	18.44	18.47	18.84	19.00
		8	7	18.92	18.75	18.91	19.00
		15	0	18.62	18.73	18.82	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>	<b>Tune up</b>
				131997	132322	132647	
<b>5MHz</b>	QPSK	1	0	19.32	19.47	19.45	20.00
		1	13	19.48	19.57	19.39	20.00
		1	24	19.59	19.61	19.63	20.00
		12	0	19.53	19.48	19.50	20.00
		12	6	19.43	19.44	19.55	20.00
		12	13	19.62	19.48	19.71	20.00
		25	0	19.62	19.56	19.69	20.00
	16QAM	1	0	19.37	19.43	19.27	20.00
		1	13	19.22	19.42	19.42	20.00
		1	24	19.44	19.55	19.45	20.00
		12	0	18.56	18.46	18.43	20.00
		12	6	18.47	18.54	18.52	20.00
		12	13	18.88	18.68	18.81	20.00
		25	0	19.59	19.54	19.61	20.00
	64QAM	1	0	19.37	19.35	19.39	20.00
		1	13	19.58	19.44	19.51	20.00
		1	24	19.41	19.44	19.44	20.00
		12	0	19.55	19.50	19.57	20.00
		12	6	19.42	19.44	19.49	20.00
		12	13	19.60	19.56	19.60	20.00
		25	0	19.44	19.40	19.48	20.00
	256QAM	1	0	18.74	18.80	18.74	19.00
		1	13	18.49	18.49	18.82	19.00
		1	24	18.88	18.72	18.92	19.00
		12	0	18.66	18.69	18.74	19.00
		12	6	18.46	18.48	18.84	19.00





Bandwidth	Modulation	12	13	18.88	18.68	18.91	19.00
		25	0	18.63	18.69	18.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.37	19.52	19.50	20.00
		1	25	19.62	19.71	19.53	20.00
		1	49	19.55	19.57	19.59	20.00
		25	0	19.69	19.64	19.66	20.00
		25	13	19.60	19.61	19.72	20.00
		25	25	19.64	19.50	19.73	20.00
		50	0	19.74	19.68	19.81	20.00
	16QAM	1	0	19.29	19.35	19.19	20.00
		1	25	19.31	19.51	19.51	20.00
		1	49	19.40	19.51	19.41	20.00
		25	0	18.58	18.48	18.45	20.00
		25	13	18.33	18.40	18.38	20.00
		25	25	18.83	18.63	18.76	20.00
		50	0	19.60	19.55	19.62	20.00
	64QAM	1	0	19.46	19.44	19.48	20.00
		1	25	19.59	19.45	19.52	20.00
		1	49	19.40	19.43	19.43	20.00
		25	0	19.44	19.39	19.46	20.00
		25	13	19.43	19.45	19.50	20.00
		25	25	19.53	19.49	19.53	20.00
		50	0	19.63	19.59	19.67	20.00
	256QAM	1	0	18.79	18.76	18.69	19.00
		1	25	18.44	18.51	18.81	19.00
		1	49	18.91	18.75	18.90	19.00
25		0	18.65	18.68	18.73	19.00	
25		13	18.43	18.48	18.77	19.00	
25		25	18.90	18.73	18.94	19.00	
50		0	18.58	18.67	18.80	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.35	19.50	19.48	20.00
		1	38	19.47	19.56	19.38	20.00
		1	74	19.70	19.72	19.74	20.00
		36	0	19.62	19.57	19.59	20.00
		36	18	19.61	19.62	19.73	20.00
		36	39	19.77	19.63	19.86	20.00
		75	0	19.72	19.66	19.79	20.00
	16QAM	1	0	19.32	19.38	19.22	20.00
		1	38	19.36	19.56	19.56	20.00



		1	74	19.45	19.56	19.46	20.00	
		36	0	18.67	18.57	18.54	20.00	
		36	18	18.41	18.48	18.46	20.00	
		36	39	18.78	18.58	18.71	20.00	
		75	0	19.44	19.39	19.46	20.00	
	64QAM	1	0	19.47	19.45	19.49	20.00	
		1	38	19.50	19.36	19.43	20.00	
		1	74	19.42	19.45	19.45	20.00	
		36	0	19.49	19.44	19.51	20.00	
		36	18	19.45	19.47	19.52	20.00	
		36	39	19.44	19.40	19.44	20.00	
	256QAM	75	0	19.65	19.61	19.69	20.00	
		1	0	18.73	18.74	18.70	19.00	
		1	38	18.45	18.49	18.76	19.00	
		1	74	18.90	18.75	18.89	19.00	
		36	0	18.63	18.69	18.76	19.00	
		36	18	18.45	18.49	18.77	19.00	
		36	39	18.94	18.73	18.96	19.00	
	75	0	18.65	18.72	18.84	19.00		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132072	<b>Channel</b> 132322	<b>Channel</b> 132572	<b>Tune up</b>
	<b>20MHz</b>	QPSK	1	0	19.33	19.48	19.46	20.00
1			50	19.54	19.63	19.45	20.00	
1			99	19.64	19.66	19.68	20.00	
50			0	19.68	19.63	19.65	20.00	
50			25	19.58	19.59	19.70	20.00	
50			50	19.64	19.50	19.73	20.00	
100			0	19.70	19.64	19.77	20.00	
16QAM		1	0	19.40	19.46	19.30	20.00	
		1	50	19.24	19.44	19.44	20.00	
		1	99	19.54	19.65	19.55	20.00	
		50	0	18.72	18.62	18.59	20.00	
		50	25	18.52	18.59	18.57	20.00	
		50	50	18.78	18.58	18.71	20.00	
		100	0	19.57	19.52	19.59	20.00	
64QAM		1	0	19.54	19.52	19.56	20.00	
		1	50	19.58	19.44	19.51	20.00	
		1	99	19.44	19.47	19.47	20.00	
		50	0	19.53	19.48	19.55	20.00	
		50	25	19.47	19.49	19.54	20.00	
		50	50	19.48	19.44	19.48	20.00	
		100	0	19.46	19.42	19.50	20.00	
256QAM	1	0	18.72	18.78	18.71	19.00		



		1	50	18.42	18.53	18.79	19.00
		1	99	18.90	18.73	18.93	19.00
		50	0	18.64	18.66	18.79	19.00
		50	25	18.46	18.48	18.79	19.00
		50	50	18.94	18.73	18.97	19.00
		100	0	18.59	18.72	18.79	19.00

LTE Band 66 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.45	17.60	17.58	18.00
		1	2	17.62	17.71	17.53	18.00
		1	5	17.56	17.58	17.60	18.00
		3	0	17.64	17.59	17.61	18.00
		3	1	17.44	17.45	17.56	18.00
		3	3	17.64	17.50	17.73	18.00
		6	0	17.77	17.71	17.84	18.00
	16QAM	1	0	17.23	17.29	17.13	18.00
		1	2	17.28	17.48	17.48	18.00
		1	5	17.52	17.63	17.53	18.00
		3	0	16.67	16.57	16.54	18.00
		3	1	16.35	16.42	16.40	18.00
		3	3	16.73	16.53	16.66	18.00
		6	0	17.50	17.45	17.52	18.00
	64QAM	1	0	17.36	17.34	17.38	18.00
		1	2	17.51	17.37	17.44	18.00
		1	5	17.55	17.58	17.58	18.00
		3	0	17.54	17.49	17.56	18.00
		3	1	17.51	17.53	17.58	18.00
		3	3	17.45	17.41	17.45	18.00
		6	0	17.69	17.65	17.73	18.00
	256QAM	1	0	17.55	17.54	17.56	18.00
		1	2	17.36	17.40	17.69	18.00
		1	5	17.75	17.59	17.78	18.00
		3	0	17.85	17.78	17.96	18.00
		3	1	17.17	17.19	17.55	18.00
		3	3	17.76	17.56	17.81	18.00
		6	0	17.52	17.60	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.40	17.55	17.53	18.00

		1	7	17.64	17.73	17.55	18.00
		1	14	17.59	17.61	17.63	18.00
		8	0	17.58	17.53	17.55	18.00
		8	4	17.44	17.45	17.56	18.00
		8	7	17.68	17.54	17.77	18.00
		15	0	17.69	17.63	17.76	18.00
	16QAM	1	0	17.26	17.32	17.16	18.00
		1	7	17.34	17.54	17.54	18.00
		1	14	17.38	17.49	17.39	18.00
		8	0	16.64	16.54	16.51	18.00
		8	4	16.37	16.44	16.42	18.00
		8	7	16.86	16.66	16.79	18.00
	64QAM	15	0	17.60	17.55	17.62	18.00
		1	0	17.52	17.50	17.54	18.00
		1	7	17.62	17.48	17.55	18.00
		1	14	17.50	17.53	17.53	18.00
		8	0	17.55	17.50	17.57	18.00
		8	4	17.38	17.40	17.45	18.00
	256QAM	8	7	17.52	17.48	17.52	18.00
		15	0	17.66	17.62	17.70	18.00
		1	0	17.61	17.60	17.62	18.00
1		7	17.20	17.24	17.53	18.00	
1		14	17.74	17.58	17.77	18.00	
8		0	17.67	17.60	17.78	18.00	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
<b>5MHz</b>	QPSK	8	7	17.62	17.42	17.67	18.00
		15	0	17.25	17.33	17.49	18.00
		1	0	17.39	17.54	17.52	18.00
		1	13	17.67	17.76	17.58	18.00
		1	24	17.60	17.62	17.64	18.00
		12	0	17.65	17.60	17.62	18.00
		12	6	17.44	17.45	17.56	18.00
	16QAM	12	13	17.73	17.59	17.82	18.00
		25	0	17.70	17.64	17.77	18.00
		1	0	17.24	17.30	17.14	18.00
		1	13	17.33	17.53	17.53	18.00
		1	24	17.43	17.54	17.44	18.00
		12	0	16.73	16.63	16.60	18.00
		12	6	16.46	16.53	16.51	18.00
12	13	16.70	16.50	16.63	18.00		
25	0	17.41	17.36	17.43	18.00		

	64QAM	1	0	17.41	17.39	17.43	18.00
		1	13	17.55	17.41	17.48	18.00
		1	24	17.52	17.55	17.55	18.00
		12	0	17.55	17.50	17.57	18.00
		12	6	17.40	17.42	17.47	18.00
		12	13	17.58	17.54	17.58	18.00
		25	0	17.63	17.59	17.67	18.00
	256QAM	1	0	17.41	17.40	17.42	18.00
		1	13	17.17	17.21	17.50	18.00
		1	24	17.54	17.38	17.57	18.00
		12	0	17.68	17.61	17.79	18.00
		12	6	17.20	17.22	17.58	18.00
		12	13	17.80	17.60	17.85	18.00
		25	0	17.39	17.47	17.63	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>
				132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	17.38	17.53	17.51	18.00
		1	25	17.53	17.62	17.44	18.00
		1	49	17.55	17.57	17.59	18.00
		25	0	17.63	17.58	17.60	18.00
		25	13	17.55	17.56	17.67	18.00
		25	25	17.75	17.61	17.84	18.00
		50	0	17.75	17.69	17.82	18.00
	16QAM	1	0	17.39	17.45	17.29	18.00
		1	25	17.31	17.51	17.51	18.00
		1	49	17.51	17.62	17.52	18.00
		25	0	16.61	16.51	16.48	18.00
		25	13	16.36	16.43	16.41	18.00
		25	25	16.70	16.50	16.63	18.00
		50	0	17.50	17.45	17.52	18.00
	64QAM	1	0	17.55	17.53	17.57	18.00
		1	25	17.46	17.32	17.39	18.00
		1	49	17.45	17.48	17.48	18.00
		25	0	17.54	17.49	17.56	18.00
		25	13	17.50	17.52	17.57	18.00
		25	25	17.56	17.52	17.56	18.00
		50	0	17.39	17.35	17.43	18.00
	256QAM	1	0	17.69	17.68	17.70	18.00
		1	25	17.35	17.39	17.68	18.00
		1	49	17.74	17.58	17.77	18.00
		25	0	17.73	17.66	17.84	18.00
		25	13	17.16	17.18	17.54	18.00
		25	25	17.87	17.67	17.92	18.00



Bandwidth	Modulation	50	0	17.35	17.43	17.59	18.00
		RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	17.44	17.59	17.57	18.00
		1	38	17.58	17.67	17.49	18.00
		1	74	17.64	17.66	17.68	18.00
		36	0	17.55	17.50	17.52	18.00
		36	18	17.50	17.51	17.62	18.00
		36	39	17.80	17.66	17.89	18.00
		75	0	17.74	17.68	17.81	18.00
	16QAM	1	0	17.37	17.43	17.27	18.00
		1	38	17.22	17.42	17.42	18.00
		1	74	17.48	17.59	17.49	18.00
		36	0	16.55	16.45	16.42	18.00
		36	18	16.52	16.59	16.57	18.00
		36	39	16.71	16.51	16.64	18.00
		75	0	17.46	17.41	17.48	18.00
	64QAM	1	0	17.38	17.36	17.40	18.00
		1	38	17.59	17.45	17.52	18.00
		1	74	17.39	17.42	17.42	18.00
		36	0	17.42	17.37	17.44	18.00
		36	18	17.42	17.44	17.49	18.00
		36	39	17.42	17.38	17.42	18.00
		75	0	17.63	17.59	17.67	18.00
	256QAM	1	0	17.46	17.45	17.47	18.00
		1	38	17.22	17.26	17.55	18.00
		1	74	17.70	17.54	17.73	18.00
		36	0	17.83	17.76	17.94	18.00
		36	18	17.24	17.26	17.62	18.00
		36	39	17.69	17.49	17.74	18.00
		75	0	17.33	17.41	17.57	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	17.28	17.43	17.41	18.00
		1	50	17.48	17.57	17.39	18.00
		1	99	17.71	17.73	17.75	18.00
		50	0	17.72	17.67	17.69	18.00
		50	25	17.58	17.59	17.70	18.00
		50	50	17.74	17.60	17.83	18.00
		100	0	17.67	17.61	17.74	18.00
	16QAM	1	0	17.20	17.26	17.10	18.00
		1	50	17.34	17.54	17.54	18.00
		1	99	17.56	17.67	17.57	18.00

		50	0	16.55	16.45	16.42	18.00
		50	25	16.38	16.45	16.43	18.00
		50	50	16.75	16.55	16.68	18.00
		100	0	17.47	17.42	17.49	18.00
	64QAM	1	0	17.44	17.42	17.46	18.00
		1	50	17.59	17.45	17.52	18.00
		1	99	17.51	17.54	17.54	18.00
		50	0	17.46	17.41	17.48	18.00
		50	25	17.41	17.43	17.48	18.00
		50	50	17.49	17.45	17.49	18.00
		100	0	17.45	17.41	17.49	18.00
		256QAM	1	0	17.70	17.69	17.71
	1		50	17.38	17.42	17.71	18.00
	1		99	17.70	17.54	17.73	18.00
	50		0	17.75	17.68	17.86	18.00
	50		25	17.24	17.26	17.62	18.00
	50		50	17.70	17.50	17.75	18.00
	100		0	17.41	17.49	17.65	18.00

Table 11 : Conducted Power of LTE

## 6 Conducted Power of Main Antenna (Ant1) NSA LTE

### 6.1 Conducted Power of NSA LTE

LTE Band 2 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.95	17	16.92	18.00
		1	2	17.12	17.26	17.24	18.00
		1	5	16.82	17.03	16.94	18.00
		3	0	17.02	16.99	16.92	18.00
		3	2	16.91	16.94	16.89	18.00
		3	3	16.95	16.93	17.08	18.00
		6	0	17.05	17.19	17.06	18.00
	16QAM	1	0	17.3	17.26	17.31	18.00
		1	2	17.43	17.5	17.48	18.00
		1	5	17.17	17.24	17.09	18.00
		3	0	17.05	17	17.06	18.00
		3	2	17.02	17.15	17.09	18.00
		3	3	16.98	17.05	17.17	18.00
		6	0	17.22	17.07	17.16	18.00
	64QAM	1	0	17.24	17.00	17.03	18.00
		1	2	16.69	16.70	16.73	18.00



		1	5	16.91	16.94	16.91	18.00	
		3	0	16.77	16.76	16.78	18.00	
		3	2	16.74	16.73	16.63	18.00	
		3	3	16.66	16.93	16.82	18.00	
		6	0	16.71	16.82	16.81	18.00	
	64QAM	1	0	16.89	17.01	16.99	18.00	
		1	2	16.95	16.95	17.03	18.00	
		1	5	16.83	16.85	16.72	18.00	
		3	0	16.76	16.86	16.77	18.00	
		3	2	17.02	16.76	16.83	18.00	
		3	3	16.82	16.96	16.65	18.00	
		6	0	16.82	16.97	16.99	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	
3MHz	QPSK	1	0	16.98	17.03	16.95	18.00	
		1	7	16.97	17.11	17.09	18.00	
		1	14	16.76	16.97	16.88	18.00	
		8	0	17.1	17.07	17	18.00	
		8	4	17.03	17.06	17.01	18.00	
		8	7	16.9	16.88	17.03	18.00	
		15	0	16.91	17.05	16.92	18.00	
	16QAM	1	0	17.36	17.32	17.37	18.00	
		1	7	17.37	17.44	17.42	18.00	
		1	14	17.27	17.34	17.19	18.00	
		8	0	17.07	17.02	17.08	18.00	
		8	4	17.07	17.2	17.14	18.00	
		8	7	16.88	16.95	17.07	18.00	
		15	0	17.34	17.19	17.28	18.00	
	64QAM	1	0	17.13	16.89	16.92	18.00	
		1	7	16.78	16.79	16.82	18.00	
		1	14	16.87	16.90	16.87	18.00	
		8	0	16.83	16.82	16.84	18.00	
		8	4	16.75	16.74	16.64	18.00	
		8	7	16.49	16.76	16.65	18.00	
		15	0	16.61	16.72	16.71	18.00	
	256QAM	1	0	16.75	16.87	16.85	18.00	
		1	7	16.81	16.81	16.89	18.00	
		1	14	16.89	16.91	16.78	18.00	
		8	0	16.80	16.90	16.81	18.00	
		8	4	17.00	16.74	16.81	18.00	
		8	7	16.79	16.93	16.62	18.00	
		15	0	16.80	16.95	16.97	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	16.96	17.01	16.93	18.00	
		1	13	17	17.14	17.12	18.00	



		1	24	16.86	17.07	16.98	18.00	
		12	0	17.02	16.99	16.92	18.00	
		12	6	17.1	17.13	17.08	18.00	
		12	13	16.85	16.83	16.98	18.00	
		25	0	17.07	17.21	17.08	18.00	
	16QAM	1	0	17.46	17.42	17.47	18.00	
		1	13	17.43	17.5	17.48	18.00	
		1	24	17.16	17.23	17.08	18.00	
		12	0	17	16.95	17.01	18.00	
		12	6	17.16	17.29	17.23	18.00	
		12	13	17.04	17.11	17.23	18.00	
		25	0	17.19	17.04	17.13	18.00	
	64QAM	1	0	17.19	16.95	16.98	18.00	
		1	13	16.79	16.80	16.83	18.00	
		1	24	16.88	16.91	16.88	18.00	
		12	0	16.78	16.77	16.79	18.00	
		12	6	16.79	16.78	16.68	18.00	
		12	13	16.58	16.85	16.74	18.00	
		25	0	16.52	16.63	16.62	18.00	
	256QAM	1	0	16.75	16.87	16.85	18.00	
		1	13	16.87	16.87	16.95	18.00	
		1	24	16.79	16.81	16.68	18.00	
		12	0	16.72	16.82	16.73	18.00	
		12	6	17.07	16.81	16.88	18.00	
		12	13	16.88	17.02	16.71	18.00	
		25	0	16.82	16.97	16.99	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>
					18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	17.01	17.06	16.98	18.00	
		1	25	16.93	17.07	17.05	18.00	
		1	49	16.86	17.07	16.98	18.00	
		25	0	17.08	17.05	16.98	18.00	
		25	13	16.98	17.01	16.96	18.00	
		25	25	16.86	16.84	16.99	18.00	
		50	0	17.08	17.22	17.09	18.00	
	16QAM	1	0	17.31	17.27	17.32	18.00	
		1	25	17.33	17.4	17.38	18.00	
		1	49	17.14	17.21	17.06	18.00	
		25	0	17.12	17.07	17.13	18.00	
		25	13	17.19	17.32	17.26	18.00	
		25	25	17.02	17.09	17.21	18.00	
		50	0	17.19	17.04	17.13	18.00	
	64QAM	1	0	17.22	16.98	17.01	18.00	
		1	25	16.76	16.77	16.80	18.00	
		1	49	16.93	16.96	16.93	18.00	
		25	0	16.74	16.73	16.75	18.00	

		25	13	16.71	16.70	16.60	18.00	
		25	25	16.57	16.84	16.73	18.00	
		50	0	16.57	16.68	16.67	18.00	
	256QAM	1	0	16.72	16.84	16.82	18.00	
		1	25	16.82	16.82	16.90	18.00	
		1	49	16.95	16.97	16.84	18.00	
		25	0	16.86	16.96	16.87	18.00	
		25	13	17.11	16.85	16.92	18.00	
		25	25	16.77	16.91	16.60	18.00	
		50	0	16.65	16.80	16.82	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>
					18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	17.08	17.13	17.05	18.00	
		1	38	17.13	17.27	17.25	18.00	
		1	74	16.85	17.06	16.97	18.00	
		36	0	17.11	17.08	17.01	18.00	
		36	18	16.93	16.96	16.91	18.00	
		36	39	16.96	16.94	17.09	18.00	
		75	0	16.98	17.12	16.99	18.00	
	16QAM	1	0	17.43	17.39	17.44	18.00	
		1	38	17.37	17.44	17.42	18.00	
		1	74	17.22	17.29	17.14	18.00	
		36	0	17.14	17.09	17.15	18.00	
		36	18	17.13	17.26	17.2	18.00	
		36	39	16.99	17.06	17.18	18.00	
		75	0	17.25	17.1	17.19	18.00	
	64QAM	1	0	17.11	16.87	16.90	18.00	
		1	38	16.78	16.79	16.82	18.00	
		1	74	16.86	16.89	16.86	18.00	
		36	0	16.69	16.68	16.70	18.00	
		36	18	16.76	16.75	16.65	18.00	
		36	39	16.56	16.83	16.72	18.00	
		75	0	16.57	16.68	16.67	18.00	
	256QAM	1	0	16.83	16.95	16.93	18.00	
		1	38	16.80	16.80	16.88	18.00	
		1	74	16.82	16.84	16.71	18.00	
		36	0	16.72	16.82	16.73	18.00	
		36	18	16.94	16.68	16.75	18.00	
		36	39	16.72	16.86	16.55	18.00	
		75	0	16.79	16.94	16.96	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>	
				18700	18900	19100		
<b>20MHz</b>	QPSK	1	0	16.99	17.04	16.96	18.00	
		1	50	17.12	17.26	17.24	18.00	
		1	99	16.81	17.02	16.93	18.00	
		50	0	17.09	17.06	16.99	18.00	

		50	25	16.94	16.97	16.92	18.00
		50	50	16.82	16.8	16.95	18.00
		100	0	16.93	17.07	16.94	18.00
	16QAM	1	0	17.29	17.25	17.3	18.00
		1	50	17.36	17.43	17.41	18.00
		1	99	17.13	17.2	17.05	18.00
		50	0	17.16	17.11	17.17	18.00
		50	25	17.03	17.16	17.1	18.00
		50	50	17.04	17.11	17.23	18.00
		100	0	17.2	17.05	17.14	18.00
	64QAM	1	0	17.21	16.97	17.00	18.00
		1	50	16.85	16.86	16.89	18.00
		1	99	16.96	16.99	16.96	18.00
		50	0	16.85	16.84	16.86	18.00
		50	25	16.65	16.64	16.54	18.00
		50	50	16.48	16.75	16.64	18.00
		100	0	16.67	16.78	16.77	18.00
	256QAM	1	0	16.80	16.92	16.90	18.00
		1	50	16.90	16.90	16.98	18.00
		1	99	16.92	16.94	16.81	18.00
		50	0	16.80	16.90	16.81	18.00
		50	25	16.97	16.71	16.78	18.00
		50	50	16.76	16.90	16.59	18.00
		100	0	16.73	16.88	16.90	18.00

LTE Band 4 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.46	17.55	17.48	18.00
		1	2	17.53	17.57	17.56	18.00
		1	5	17.46	17.51	17.46	18.00
		3	0	17.52	17.57	17.55	18.00
		3	2	17.54	17.61	17.57	18.00
		3	3	17.52	17.53	17.51	18.00
		6	0	17.61	17.59	17.57	18.00
	16QAM	1	0	17.81	17.89	17.79	18.00
		1	2	17.88	17.98	17.88	18.00
		1	5	17.91	17.92	17.74	18.00
		3	0	17.6	17.67	17.6	18.00
		3	2	17.6	17.65	17.61	18.00
		3	3	17.6	17.62	17.58	18.00
		6	0	17.7	17.74	17.69	18.00
	64QAM	1	0	17.52	17.50	17.57	18.00
		1	2	17.43	17.43	17.47	18.00



		1	5	17.36	17.41	17.41	18.00
		3	0	17.59	17.51	17.61	18.00
		3	2	17.56	17.59	17.50	18.00
		3	3	17.53	17.57	17.55	18.00
		6	0	17.54	17.53	17.47	18.00
	256QAM	1	0	17.76	17.93	17.85	18.00
		1	2	17.69	17.79	17.82	18.00
		1	5	17.84	17.85	17.73	18.00
		3	0	17.49	17.60	17.54	18.00
		3	2	17.59	17.50	17.54	18.00
		3	3	17.60	17.57	17.58	18.00
		6	0	17.52	17.54	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.51	17.53	17.6	18.00
		1	7	17.48	17.47	17.51	18.00
		1	14	17.52	17.51	17.49	18.00
		8	0	17.61	17.59	17.62	18.00
		8	4	17.66	17.55	17.64	18.00
		8	7	17.61	17.6	17.57	18.00
		15	0	17.6	17.51	17.58	18.00
	16QAM	1	0	17.88	17.87	17.84	18.00
		1	7	17.81	17.88	17.92	18.00
		1	14	17.95	17.89	17.84	18.00
		8	0	17.6	17.63	17.53	18.00
		8	4	17.68	17.57	17.64	18.00
		8	7	17.63	17.66	17.59	18.00
		15	0	17.61	17.56	17.49	18.00
	64QAM	1	0	17.57	17.58	17.52	18.00
		1	7	17.44	17.44	17.45	18.00
		1	14	17.37	17.38	17.38	18.00
		8	0	17.58	17.51	17.57	18.00
		8	4	17.58	17.58	17.56	18.00
		8	7	17.50	17.59	17.55	18.00
		15	0	17.51	17.48	17.53	18.00
	256QAM	1	0	17.76	17.90	17.87	18.00
		1	7	17.76	17.85	17.78	18.00
		1	14	17.85	17.87	17.80	18.00
8		0	17.52	17.52	17.58	18.00	
8		4	17.54	17.51	17.53	18.00	
8		7	17.53	17.58	17.58	18.00	
15		0	17.55	17.55	17.47	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.61	17.57	17.64	18.00
		1	13	17.5	17.51	17.47	18.00
		1	24	17.5	17.52	17.48	18.00

		12	0	17.58	17.67	17.65	18.00
		12	6	17.65	17.54	17.51	18.00
		12	13	17.54	17.7	17.56	18.00
		25	0	17.64	17.62	17.55	18.00
	16QAM	1	0	17.76	17.96	17.85	18.00
		1	13	17.76	17.91	17.8	18.00
		1	24	17.94	17.95	17.86	18.00
		12	0	17.58	17.66	17.62	18.00
		12	6	17.57	17.53	17.52	18.00
		12	13	17.64	17.63	17.58	18.00
		25	0	17.63	17.56	17.45	18.00
		64QAM	1	0	17.48	17.52	17.52
	1		13	17.40	17.47	17.39	18.00
	1		24	17.36	17.45	17.39	18.00
	12		0	17.52	17.53	17.54	18.00
	12		6	17.59	17.58	17.54	18.00
	12		13	17.51	17.58	17.50	18.00
	25		0	17.55	17.49	17.55	18.00
	256QAM	1	0	17.79	17.88	17.80	18.00
		1	13	17.75	17.84	17.79	18.00
		1	24	17.80	17.87	17.72	18.00
		12	0	17.55	17.60	17.53	18.00
		12	6	17.61	17.52	17.50	18.00
		12	13	17.55	17.58	17.58	18.00
		25	0	17.59	17.49	17.47	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel 20000</b>	<b>Channel 20175</b>	<b>Channel 20350</b>	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	17.67	17.62	17.69	18.00
		1	25	17.53	17.6	17.62	18.00
		1	49	17.54	17.57	17.66	18.00
		25	0	17.7	17.66	17.69	18.00
		25	13	17.67	17.68	17.67	18.00
		25	25	17.67	17.74	17.7	18.00
		50	0	17.68	17.67	17.63	18.00
	16QAM	1	0	17.92	17.89	17.93	18.00
		1	25	17.9	17.93	17.9	18.00
		1	49	17.87	17.92	17.84	18.00
		25	0	17.71	17.73	17.71	18.00
		25	13	17.72	17.73	17.69	18.00
		25	25	17.71	17.77	17.76	18.00
		50	0	17.72	17.72	17.7	18.00
	64QAM	1	0	17.55	17.55	17.53	18.00
		1	25	17.36	17.39	17.45	18.00
		1	49	17.36	17.42	17.43	18.00
		25	0	17.51	17.58	17.60	18.00
		25	13	17.59	17.58	17.50	18.00
		25	25	17.49	17.60	17.56	18.00



		50	0	17.54	17.50	17.46	18.00
	256QAM	1	0	17.80	17.88	17.89	18.00
		1	25	17.76	17.82	17.74	18.00
		1	49	17.82	17.78	17.72	18.00
		25	0	17.52	17.52	17.53	18.00
		25	13	17.56	17.57	17.57	18.00
		25	25	17.61	17.54	17.59	18.00
		50	0	17.58	17.52	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.64	17.66	17.61	18.00
		1	38	17.5	17.43	17.41	18.00
		1	74	17.5	17.51	17.44	18.00
		36	0	17.62	17.62	17.66	18.00
		36	18	17.57	17.66	17.5	18.00
		36	39	17.63	17.59	17.54	18.00
		75	0	17.61	17.61	17.6	18.00
	16QAM	1	0	17.78	17.99	17.84	18.00
		1	38	17.81	17.95	17.77	18.00
		1	74	17.83	17.82	17.9	18.00
		36	0	17.53	17.69	17.67	18.00
		36	18	17.71	17.58	17.59	18.00
		36	39	17.57	17.67	17.69	18.00
		75	0	17.63	17.52	17.58	18.00
	64QAM	1	0	17.55	17.49	17.55	18.00
		1	38	17.44	17.43	17.39	18.00
		1	74	17.37	17.38	17.39	18.00
		36	0	17.52	17.50	17.56	18.00
		36	18	17.63	17.58	17.57	18.00
		36	39	17.51	17.58	17.56	18.00
		75	0	17.53	17.55	17.50	18.00
	256QAM	1	0	17.74	17.88	17.83	18.00
		1	38	17.76	17.86	17.74	18.00
		1	74	17.87	17.83	17.72	18.00
		36	0	17.49	17.61	17.53	18.00
		36	18	17.61	17.49	17.57	18.00
		36	39	17.57	17.57	17.55	18.00
		75	0	17.55	17.50	17.50	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.58	17.59	17.62	18.00
		1	50	17.46	17.48	17.49	18.00
		1	99	17.46	17.47	17.45	18.00
		50	0	17.61	17.6	17.62	18.00
		50	25	17.64	17.61	17.58	18.00
		50	50	17.59	17.64	17.58	18.00
		100	0	17.6	17.57	17.56	18.00



	16QAM	1	0	17.83	17.95	17.9	18.00
		1	50	17.79	17.87	17.84	18.00
		1	99	17.88	17.88	17.82	18.00
		50	0	17.57	17.62	17.59	18.00
		50	25	17.64	17.59	17.58	18.00
		50	50	17.62	17.64	17.61	18.00
		100	0	17.61	17.58	17.53	18.00
	64QAM	1	0	17.50	17.52	17.61	18.00
		1	50	17.45	17.40	17.42	18.00
		1	99	17.39	17.40	17.40	18.00
		50	0	17.56	17.56	17.52	18.00
		50	25	17.60	17.56	17.50	18.00
		50	50	17.49	17.56	17.55	18.00
		100	0	17.57	17.47	17.51	18.00
	256QAM	1	0	17.76	17.92	17.86	18.00
		1	50	17.77	17.84	17.78	18.00
		1	99	17.86	17.80	17.75	18.00
		50	0	17.47	17.52	17.58	18.00
		50	25	17.57	17.49	17.56	18.00
		50	50	17.56	17.57	17.60	18.00
		100	0	17.52	17.55	17.47	18.00

LTE Band 5 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.34	22.24	22.08	23.00
		1	2	22.30	22.28	21.60	23.00
		1	5	22.41	22.26	21.15	23.00
		3	0	22.46	22.27	21.71	23.00
		3	2	22.37	22.34	21.35	23.00
		3	3	22.28	22.26	21.17	23.00
		6	0	22.62	22.45	21.72	23.00
	16QAM	1	0	22.78	22.73	22.49	23.00
		1	2	22.88	22.55	21.94	23.00
		1	5	22.67	22.59	21.81	23.00
		3	0	22.71	22.38	21.89	23.00
		3	2	22.63	22.59	21.77	23.00
		3	3	22.56	22.39	21.61	23.00
		6	0	21.61	21.57	20.85	22.00
	64QAM	1	0	21.74	21.83	21.88	22.00
		1	2	21.88	21.78	21.70	22.00
		1	5	21.78	21.74	21.75	22.00
		3	0	21.91	21.81	21.81	22.00
		3	2	21.94	21.84	21.92	22.00



		3	3	21.83	21.89	21.88	22.00	
		6	0	20.70	20.71	20.73	21.00	
	256QAM	1	0	18.82	18.87	18.76	19.00	
		1	2	18.94	18.94	18.96	19.00	
		1	5	18.83	18.79	18.71	19.00	
		3	0	18.77	18.86	18.90	19.00	
		3	2	18.67	18.94	18.78	19.00	
		3	3	18.91	18.99	18.94	19.00	
		6	0	18.77	18.93	18.74	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
3MHz	QPSK	1	0	22.31	22.21	22.05	23.00	
		1	7	22.43	22.41	21.73	23.00	
		1	14	22.32	22.17	21.06	23.00	
		8	0	22.61	22.47	22.35	23.00	
		8	4	22.66	22.69	21.70	23.00	
		8	7	22.56	22.50	21.69	23.00	
		15	0	22.65	22.48	21.62	23.00	
	16QAM	1	0	22.96	22.73	22.78	23.00	
		1	7	22.90	22.76	21.93	23.00	
		1	14	22.68	22.83	21.17	23.00	
		8	0	21.70	21.47	21.47	22.00	
		8	4	21.65	21.58	20.60	22.00	
		8	7	21.72	21.71	20.82	22.00	
	64QAM	15	0	21.56	21.60	20.77	22.00	
		1	0	21.94	21.88	21.89	22.00	
		1	7	21.89	21.68	21.86	22.00	
		1	14	21.88	21.87	21.76	22.00	
		8	0	20.76	20.84	20.72	21.00	
		8	4	20.80	20.81	20.87	21.00	
	256QAM	8	7	20.94	20.77	20.65	21.00	
		15	0	20.90	20.82	20.95	21.00	
		1	0	18.83	18.84	18.72	19.00	
		1	7	18.92	18.88	18.84	19.00	
		1	14	18.82	18.81	18.68	19.00	
		8	0	18.84	18.84	18.88	19.00	
		8	4	18.75	18.87	18.76	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20425	20525	20625	
5MHz	QPSK	1	0	22.42	22.32	22.16	23.00	
		1	13	22.47	22.45	21.77	23.00	
		1	24	22.33	22.18	21.07	23.00	
		12	0	22.52	22.50	22.49	23.00	
		12	6	22.77	22.53	21.61	23.00	
		12	13	22.75	22.56	21.60	23.00	



		25	0	22.59	22.48	21.63	23.00
	16QAM	1	0	22.95	22.80	22.90	23.00
		1	13	22.91	22.64	21.87	23.00
		1	24	22.78	22.82	21.22	23.00
		12	0	21.74	21.53	21.49	22.00
		12	6	21.59	21.67	20.55	22.00
		12	13	21.67	21.71	20.77	22.00
		25	0	21.64	21.52	20.77	22.00
	64QAM	1	0	21.97	21.75	21.83	22.00
		1	13	21.82	21.68	21.67	22.00
		1	24	22.00	21.86	22.00	22.00
		12	0	20.95	20.98	20.93	21.00
		12	6	20.95	20.92	20.94	21.00
		12	13	20.72	20.95	20.68	21.00
		25	0	20.67	20.89	20.82	21.00
	256QAM	1	0	18.75	18.93	18.73	19.00
		1	13	18.88	18.97	18.85	19.00
		1	24	18.83	18.85	18.78	19.00
		12	0	18.76	18.79	18.87	19.00
		12	6	18.81	18.91	18.72	19.00
		12	13	18.88	18.90	18.99	19.00
		25	0	18.85	18.87	18.67	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>	<b>Tune up</b>
				20450	20525	20600	
<b>10MHz</b>	QPSK	1	0	22.37	22.27	22.11	23.00
		1	25	22.38	22.36	21.68	23.00
		1	49	22.33	22.18	21.07	23.00
		25	0	22.53	22.52	22.44	23.00
		25	13	22.67	22.61	21.65	23.00
		25	25	22.65	22.57	21.70	23.00
		50	0	22.68	22.45	21.72	23.00
	16QAM	1	0	22.91	22.74	23.00	23.00
		1	25	22.92	22.73	21.97	23.00
		1	49	22.73	22.79	21.23	23.00
		25	0	21.66	21.56	21.41	22.00
		25	13	21.57	21.64	20.65	22.00
		25	25	21.64	21.69	20.81	22.00
		50	0	21.61	21.50	20.81	22.00
	64QAM	1	0	21.95	21.88	21.98	22.00
		1	25	21.89	21.79	21.74	22.00
		1	49	21.95	21.88	21.87	22.00
		25	0	20.81	20.90	20.82	21.00
		25	13	20.91	20.87	20.99	21.00
		25	25	20.85	20.84	20.74	21.00
		50	0	20.82	20.87	20.91	21.00
	256QAM	1	0	18.76	18.91	18.80	19.00
		1	25	18.94	18.89	18.99	19.00

		1	49	18.81	18.85	18.72	19.00
		25	0	18.80	18.85	18.86	19.00
		25	13	18.73	18.94	18.78	19.00
		25	25	18.96	18.95	18.84	19.00
		50	0	18.84	18.88	18.71	19.00

LTE Band 5 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	20.35	20.25	20.09	21.00	
		1	2	20.40	20.38	19.70	21.00	
		1	5	20.38	20.23	19.12	21.00	
		3	0	20.40	20.21	19.65	21.00	
		3	2	20.46	20.43	19.44	21.00	
		3	3	20.43	20.41	19.32	21.00	
	16QAM	6	0	20.50	20.33	19.60	21.00	
		1	0	20.54	20.49	20.25	21.00	
		1	2	20.82	20.49	19.88	21.00	
		1	5	20.47	20.39	19.61	21.00	
		3	0	20.47	20.14	19.65	21.00	
		3	2	20.58	20.54	19.72	21.00	
	64QAM	3	3	20.31	20.14	19.36	21.00	
		6	0	20.55	20.51	19.79	21.00	
		1	0	20.57	20.66	20.71	21.00	
		1	2	20.63	20.53	20.45	21.00	
		1	5	20.65	20.61	20.62	21.00	
		3	0	20.83	20.73	20.73	21.00	
	256QAM	3	2	20.69	20.59	20.67	21.00	
		3	3	20.58	20.64	20.63	21.00	
		6	0	20.70	20.71	20.73	21.00	
		1	0	18.82	18.87	18.76	19.00	
		1	2	18.94	18.94	18.96	19.00	
		1	5	18.83	18.79	18.71	19.00	
	3MHz	QPSK	3	0	18.77	18.86	18.90	19.00
			3	2	18.67	18.94	18.78	19.00
	3		3	18.91	18.99	18.94	19.00	
	6		0	18.77	18.93	18.74	19.00	
1	0		20.38	20.28	20.12	21.00		
	QPSK	1	7	20.46	20.44	19.76	21.00	
		1	14	20.32	20.17	19.06	21.00	
		8	0	20.46	20.27	19.71	21.00	
		8	4	20.53	20.50	19.51	21.00	

		8	7	20.35	20.33	19.24	21.00	
		15	0	20.41	20.24	19.51	21.00	
	16QAM	1	0	20.53	20.48	20.24	21.00	
		1	7	20.79	20.46	19.85	21.00	
		1	14	20.60	20.52	19.74	21.00	
		8	0	20.60	20.27	19.78	21.00	
		8	4	20.42	20.38	19.56	21.00	
		8	7	20.47	20.30	19.52	21.00	
		15	0	20.52	20.48	19.76	21.00	
	64QAM	1	0	20.52	20.61	20.66	21.00	
		1	7	20.64	20.54	20.46	21.00	
		1	14	20.67	20.63	20.64	21.00	
		8	0	20.76	20.84	20.72	21.00	
		8	4	20.80	20.81	20.87	21.00	
		8	7	20.94	20.77	20.65	21.00	
		15	0	20.90	20.82	20.95	21.00	
	256QAM	1	0	18.83	18.84	18.72	19.00	
		1	7	18.92	18.88	18.84	19.00	
		1	14	18.82	18.81	18.68	19.00	
		8	0	18.84	18.84	18.88	19.00	
		8	4	18.75	18.87	18.76	19.00	
		8	7	18.93	19.00	18.94	19.00	
		15	0	18.88	18.80	18.77	19.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel 20425</b>	<b>Channel 20525</b>	<b>Channel 20625</b>	<b>Tune up</b>
	<b>5MHz</b>	QPSK	1	0	20.40	20.30	20.14	21.00
			1	13	20.49	20.47	19.79	21.00
			1	24	20.34	20.19	19.08	21.00
			12	0	20.35	20.16	19.60	21.00
12			6	20.45	20.42	19.43	21.00	
12			13	20.41	20.39	19.30	21.00	
25			0	20.51	20.34	19.61	21.00	
16QAM		1	0	20.73	20.68	20.44	21.00	
		1	13	20.69	20.36	19.75	21.00	
		1	24	20.47	20.39	19.61	21.00	
		12	0	20.55	20.22	19.73	21.00	
		12	6	20.45	20.41	19.59	21.00	
		12	13	20.32	20.15	19.37	21.00	
		25	0	20.39	20.35	19.63	21.00	
64QAM		1	0	20.54	20.63	20.68	21.00	
		1	13	20.82	20.72	20.64	21.00	
		1	24	20.55	20.51	20.52	21.00	
		12	0	20.95	20.98	20.93	21.00	
		12	6	20.95	20.92	20.94	21.00	
		12	13	20.72	20.95	20.68	21.00	
25		0	20.67	20.89	20.82	21.00		
256QAM		1	0	18.75	18.93	18.73	19.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	13	18.88	18.97	18.85	19.00
		1	24	18.83	18.85	18.78	19.00
		12	0	18.76	18.79	18.87	19.00
		12	6	18.81	18.91	18.72	19.00
		12	13	18.88	18.90	18.99	19.00
		25	0	18.85	18.87	18.67	19.00
	16QAM	1	0	20.35	20.25	20.09	21.00
		1	25	20.40	20.38	19.70	21.00
		1	49	20.35	20.20	19.09	21.00
		25	0	20.47	20.28	19.72	21.00
		25	13	20.42	20.39	19.40	21.00
		25	25	20.43	20.41	19.32	21.00
	64QAM	50	0	20.52	20.35	19.62	21.00
		1	0	20.55	20.50	20.26	21.00
		1	25	20.78	20.45	19.84	21.00
		1	49	20.62	20.54	19.76	21.00
		25	0	20.52	20.19	19.70	21.00
		25	13	20.56	20.52	19.70	21.00
	256QAM	25	25	20.33	20.16	19.38	21.00
		50	0	20.50	20.46	19.74	21.00
		1	0	20.68	20.77	20.82	21.00
		1	25	20.65	20.55	20.47	21.00
		1	49	20.71	20.67	20.68	21.00
		25	0	20.81	20.90	20.82	21.00
	QPSK	25	13	20.91	20.87	20.99	21.00
		25	25	20.85	20.84	20.74	21.00
		50	0	20.82	20.87	20.91	21.00
		1	0	18.76	18.91	18.80	19.00
		1	25	18.94	18.89	18.99	19.00
		1	49	18.81	18.85	18.72	19.00
QPSK	25	0	18.80	18.85	18.86	19.00	
	25	13	18.73	18.94	18.78	19.00	
	25	25	18.96	18.95	18.84	19.00	
	50	0	18.84	18.88	18.71	19.00	

LTE Band 12 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.11	22.05	21.95	23.00
		1	2	22.04	22.14	22.02	23.00
		1	5	21.98	22.15	22.15	23.00
		3	0	22.07	22.11	22.08	23.00

	16QAM	3	2	22.03	22.07	22.18	23.00	
		3	3	22.14	22.18	22.01	23.00	
		6	0	22.14	22.05	22.07	23.00	
		1	0	22.68	22.45	22.32	23.00	
		1	2	22.63	22.47	21.96	23.00	
		1	5	22.28	22.25	22.03	23.00	
		3	0	22.24	22.17	22.24	23.00	
		3	2	22.20	22.24	22.21	23.00	
		3	3	22.23	22.24	22.21	23.00	
	64QAM	6	0	20.99	21.15	21.21	22.00	
		1	0	21.03	21.03	21.12	22.00	
		1	2	21.10	21.14	21.18	22.00	
		1	5	21.04	21.04	21.09	22.00	
		3	0	20.88	20.86	20.91	22.00	
		3	2	20.96	20.96	21.02	22.00	
		3	3	20.85	20.93	21.02	22.00	
	256QAM	6	0	19.75	19.71	19.72	21.00	
		1	0	17.82	17.88	18.03	19.00	
		1	2	17.91	17.94	17.98	19.00	
		1	5	17.82	17.93	17.81	19.00	
		3	0	17.98	17.88	17.75	19.00	
		3	2	17.91	17.89	17.86	19.00	
		3	3	17.99	17.97	18.06	19.00	
	6	0	17.79	17.97	17.97	19.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23025	23095	23165	
	3MHz	QPSK	1	0	21.65	21.82	21.64	23.00
			1	7	22.03	22.01	21.85	23.00
1			14	21.77	21.87	21.60	23.00	
8			0	21.94	22.01	22.03	23.00	
8			4	22.16	22.09	22.13	23.00	
8			7	22.26	22.16	22.10	23.00	
15			0	22.05	21.95	22.14	23.00	
16QAM		1	0	22.31	21.83	21.94	23.00	
		1	7	22.25	21.92	22.13	23.00	
		1	14	22.44	22.61	21.94	23.00	
		8	0	21.12	21.23	20.87	22.00	
		8	4	21.10	21.24	21.11	22.00	
		8	7	21.03	21.17	21.26	22.00	
		15	0	21.13	21.18	21.18	22.00	
64QAM		1	0	21.02	21.09	21.27	22.00	
		1	7	21.16	21.01	21.21	22.00	
		1	14	20.94	21.08	21.11	22.00	
		8	0	19.96	19.80	19.87	21.00	

		8	4	19.93	20.04	20.01	21.00
		8	7	19.94	19.93	19.89	21.00
		15	0	19.95	19.73	19.81	21.00
	256QAM	1	0	17.81	17.82	17.93	19.00
		1	7	17.88	18.04	18.02	19.00
		1	14	17.92	17.88	17.92	19.00
		8	0	17.89	17.81	17.81	19.00
		8	4	17.84	17.92	17.83	19.00
		8	7	18.03	17.84	18.15	19.00
		15	0	17.74	17.90	17.94	19.00
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 23035	<b>Channel</b> 23095	<b>Channel</b> 23155
<b>5MHz</b>	QPSK	1	0	21.58	21.75	21.57	23.00
		1	13	21.99	21.97	21.81	23.00
		1	24	21.69	21.79	21.52	23.00
		12	0	22.00	22.02	22.00	23.00
		12	6	22.20	22.21	22.19	23.00
		12	13	22.15	22.26	22.24	23.00
	25	0	22.04	21.95	22.05	23.00	
	16QAM	1	0	22.37	21.92	22.06	23.00
		1	13	22.07	22.08	22.08	23.00
		1	24	22.41	22.70	22.01	23.00
		12	0	21.14	21.16	20.94	22.00
		12	6	21.19	21.12	21.19	22.00
		12	13	21.06	21.19	21.11	22.00
	25	0	20.95	21.14	21.19	22.00	
	64QAM	1	0	21.10	21.07	21.11	22.00
		1	13	21.22	21.05	21.16	22.00
		1	24	21.02	20.96	21.07	22.00
		12	0	19.78	19.91	20.01	21.00
		12	6	19.95	19.98	20.10	21.00
		12	13	19.87	19.80	19.72	21.00
	25	0	19.99	19.76	19.85	21.00	
	256QAM	1	0	17.79	17.86	17.96	19.00
		1	13	17.99	17.99	17.98	19.00
		1	24	17.91	17.93	17.79	19.00
		12	0	17.92	17.83	17.71	19.00
		12	6	17.79	17.92	17.97	19.00
		12	13	18.05	17.97	18.12	19.00
	25	0	17.78	17.94	17.98	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 23060	<b>Channel</b> 23095	<b>Channel</b> 23130	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	21.65	21.82	21.64	23.00
		1	25	22.03	22.01	21.85	23.00
		1	49	21.74	21.84	21.57	23.00
		25	0	21.98	22.05	22.07	23.00
		25	13	22.14	22.13	22.21	23.00