Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18675CH	Channel 18900CH	Channel 19125CH
15MHz	QPSK	1	0	22.80	22.49	22.38	22.37
		1	38	22.80	21.90	21.82	21.76
		1	74	22.80	21.93	22.03	21.84
		36	0	21.80	21.05	20.82	21.01
		36	18	21.80	20.97	20.80	20.87
		36	39	21.80	20.78	20.74	20.79
		75	0	21.80	20.93	20.81	21.07
	16QAM	1	0	21.80	21.19	21.11	21.13
		1	38	21.80	20.64	20.52	20.58
		1	74	21.80	20.73	20.60	20.69
		36	0	20.80	19.99	19.91	20.02
		36	18	20.80	19.84	19.72	19.87
		36	39	20.80	19.68	19.76	19.72
		75	0	20.80	19.88	19.85	20.02
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	22.80	**22.55**	**22.40**	**22.43**
		1	50	22.80	21.71	21.68	21.76
		1	99	22.80	21.78	21.77	21.82
		50	0	21.80	**21.03**	**21.00**	**21.05**
		50	25	21.80	20.83	20.65	20.80
		50	50	21.80	20.72	20.66	20.69
		100	0	21.80	**20.98**	20.82	20.86
	16QAM	1	0	21.80	21.90	21.86	21.93
		1	50	21.80	21.13	21.21	21.30
		1	99	21.80	21.31	21.29	21.41
		50	0	20.80	20.14	20.14	20.08
		50	25	20.80	19.81	19.78	19.79
		50	50	20.80	19.68	19.69	19.77
		100	0	20.80	19.99	19.86	19.95

Table 73: Conducted power measurement results of LTE Band II

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18607CH	Channel 18900CH	Channel 19193CH
1.4MHz	QPSK	1	0	21.00	20.04	20.13	20.03
		1	3	21.00	20.08	20.09	20.08
		1	5	21.00	19.97	20.02	20.11
		3	0	21.00	19.87	19.78	19.89
		3	2	21.00	19.95	19.92	20.02
		3	3	21.00	19.88	19.90	19.96
		6	0	21.00	19.96	20.25	20.10
	16QAM	1	0	21.00	20.18	20.10	20.06
		1	3	21.00	20.22	20.00	20.03
		1	5	21.00	19.79	19.83	20.20
		3	0	21.00	20.02	20.00	20.14
		3	2	21.00	20.07	20.01	20.24
		3	3	21.00	19.95	19.87	20.08
		6	0	21.00	19.94	19.60	19.71
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18615CH	Channel 18900CH	Channel 19185CH
3MHz	QPSK	1	0	21.00	20.14	20.18	20.07
		1	7	21.00	20.15	20.17	20.19
		1	14	21.00	20.15	20.13	20.09
		8	0	21.00	20.27	20.03	20.10
		8	4	21.00	20.04	20.30	20.37
		8	7	21.00	19.99	20.13	19.93
		15	0	21.00	20.09	20.13	20.03
	16QAM	1	0	21.00	20.23	20.03	20.30
		1	7	21.00	20.26	20.22	20.27
		1	14	21.00	20.36	20.03	20.17
		8	0	21.00	19.84	20.49	20.42
		8	4	21.00	20.19	20.26	19.79
		8	7	21.00	20.20	20.28	19.87
		15	0	21.00	20.23	20.09	20.15

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18625CH	Channel 18900CH	Channel 19175CH
5MHz	QPSK	1	0	21.00	20.33	20.30	20.34
		1	13	21.00	20.25	20.27	20.14
		1	24	21.00	20.24	20.17	20.10
		12	0	21.00	20.25	20.40	20.48
		12	6	21.00	20.24	20.40	20.08
		12	13	21.00	20.30	20.20	20.26
		25	0	21.00	20.38	20.13	20.15
	16QAM	1	0	21.00	20.38	20.39	20.00
		1	13	21.00	20.42	20.07	20.11
		1	24	21.00	20.39	20.36	20.28
		12	0	21.00	20.09	20.32	20.20
		12	6	21.00	20.37	20.11	20.24
		12	13	21.00	20.17	20.49	20.66
		25	0	21.00	20.20	20.51	20.08
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18650CH	Channel 18900CH	Channel 19150CH
10MHz	QPSK	1	0	21.00	20.67	20.44	20.54
		1	25	21.00	20.24	20.08	20.05
		1	49	21.00	20.27	20.16	20.30
		25	0	21.00	20.57	20.62	20.52
		25	13	21.00	20.26	19.97	19.88
		25	25	21.00	20.16	20.31	20.11
		50	0	21.00	20.83	20.42	20.68
	16QAM	1	0	21.00	20.81	20.48	20.48
		1	25	21.00	20.38	19.92	20.12
		1	49	21.00	20.39	20.23	20.10
		25	0	21.00	20.72	20.51	20.44
		25	13	21.00	20.24	19.95	20.11
		25	25	21.00	20.41	20.30	20.25
		50	0	21.00	20.18	19.92	19.92

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18675CH	Channel 18900CH	Channel 19125CH
15MHz	QPSK	1	0	21.00	20.93	20.78	20.86
		1	38	21.00	20.22	20.17	20.10
		1	74	21.00	20.53	20.49	20.32
		36	0	21.00	20.87	20.94	20.79
		36	18	21.00	19.97	20.30	19.83
		36	39	21.00	20.69	20.22	20.23
		75	0	21.00	20.86	20.74	20.95
	16QAM	1	0	21.00	20.76	20.96	20.90
		1	38	21.00	20.12	20.45	20.06
		1	74	21.00	20.32	20.38	20.37
		36	0	21.00	20.84	20.95	20.91
		36	18	21.00	20.34	20.28	20.25
		36	39	21.00	20.53	20.28	20.51
		75	0	21.00	20.44	20.57	20.11
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	21.00	20.94	20.90	20.95
		1	50	21.00	20.02	20.03	19.98
		1	99	21.00	20.34	20.41	20.33
		50	0	21.00	20.89	20.84	20.87
		50	25	21.00	19.95	19.89	20.06
		50	50	21.00	20.52	20.33	20.13
		100	0	21.00	20.97	20.67	21.07
	16QAM	1	0	21.00	20.00	19.74	20.01
		1	50	21.00	20.40	20.27	20.21
		1	99	21.00	20.88	20.54	20.45
		50	0	21.00	19.89	19.65	20.19
		50	25	21.00	20.23	20.44	20.33
		50	50	21.00	20.89	20.73	20.21
		100	0	21.00	19.89	19.48	20.07

Table 74: Conducted power measurement results of LTE Band II

Main antenn(Voice) + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18607CH	Channel 18900CH	Channel 19193CH
1.4MHz	QPSK	1	0	20.00	18.83	18.74	18.73
		1	3	20.00	18.89	18.80	18.74
		1	5	20.00	18.82	18.74	18.77
		3	0	20.00	18.74	18.55	18.56
		3	2	20.00	18.77	18.65	18.66
		3	3	20.00	18.75	18.60	18.57
		6	0	20.00	18.87	18.69	18.65
	16QAM	1	0	20.00	19.00	18.91	18.88
		1	3	20.00	19.01	18.88	18.98
		1	5	20.00	19.10	19.08	18.91
		3	0	20.00	18.86	18.67	18.71
		3	2	20.00	18.84	18.74	18.74
		3	3	20.00	18.79	18.70	18.70
		6	0	20.00	18.82	18.84	18.84
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18615CH	Channel 18900CH	Channel 19185CH
3MHz	QPSK	1	0	20.00	19.10	18.88	18.92
		1	7	20.00	19.00	18.76	18.83
		1	14	20.00	19.12	18.83	18.79
		8	0	20.00	18.90	18.80	18.70
		8	4	20.00	18.89	18.75	18.71
		8	7	20.00	18.83	18.73	18.66
		15	0	20.00	18.88	18.73	18.75
	16QAM	1	0	20.00	19.03	18.92	18.91
		1	7	20.00	19.00	18.88	18.89
		1	14	20.00	18.91	18.81	18.81
		8	0	20.00	18.96	18.91	18.73
		8	4	20.00	18.95	18.83	18.78
		8	7	20.00	18.89	18.83	18.79
		15	0	20.00	18.92	18.81	18.79

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18625CH	Channel 18900CH	Channel 19175CH
5MHz	QPSK	1	0	20.00	19.05	18.89	18.90
		1	13	20.00	19.02	18.89	18.85
		1	24	20.00	18.90	18.85	18.77
		12	0	20.00	18.85	18.71	18.75
		12	6	20.00	18.89	18.76	18.79
		12	13	20.00	18.84	18.67	18.70
		25	0	20.00	18.88	18.74	18.74
	16QAM	1	0	20.00	19.03	18.89	18.82
		1	13	20.00	19.06	18.96	18.88
		1	24	20.00	18.90	18.82	18.78
		12	0	20.00	18.99	18.85	18.85
		12	6	20.00	18.94	18.85	18.78
		12	13	20.00	18.92	18.81	18.77
		25	0	20.00	18.89	18.76	18.73
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18650CH	Channel 18900CH	Channel 19150CH
10MHz	QPSK	1	0	20.00	19.24	19.17	19.03
		1	25	20.00	18.95	18.85	18.74
		1	49	20.00	18.94	18.78	18.77
		25	0	20.00	19.01	18.90	18.76
		25	13	20.00	18.85	18.78	18.69
		25	25	20.00	18.79	18.68	18.63
		50	0	20.00	18.93	18.81	18.84
	16QAM	1	0	20.00	19.16	19.23	19.16
		1	25	20.00	19.06	18.82	18.82
		1	49	20.00	19.07	18.82	18.82
		25	0	20.00	19.02	18.89	18.81
		25	13	20.00	18.91	18.83	18.82
		25	25	20.00	18.86	18.70	18.67
		50	0	20.00	18.96	18.77	18.88

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18675CH	Channel 18900CH	Channel 19125CH
15MHz	QPSK	1	0	20.00	19.46	19.52	19.35
		1	38	20.00	18.82	18.68	18.70
		1	74	20.00	18.95	18.86	18.94
		36	0	20.00	19.08	18.97	18.98
		36	18	20.00	18.93	18.80	18.69
		36	39	20.00	18.72	18.68	18.80
		75	0	20.00	18.94	18.75	18.78
	16QAM	1	0	20.00	19.27	19.23	19.12
		1	38	20.00	18.68	18.52	18.49
		1	74	20.00	18.88	18.63	18.69
		36	0	20.00	19.04	19.04	18.97
		36	18	20.00	18.91	18.78	18.73
		36	39	20.00	18.74	18.64	18.77
		75	0	20.00	18.96	18.81	18.82
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	20.00	**19.43**	**19.47**	**19.34**
		1	50	20.00	18.65	18.56	18.76
		1	99	20.00	18.90	18.76	18.79
		50	0	20.00	**19.18**	**19.11**	**19.04**
		50	25	20.00	18.92	18.78	18.80
		50	50	20.00	18.77	18.74	18.73
		100	0	20.00	**19.05**	18.90	18.99
	16QAM	1	0	20.00	19.63	19.70	19.69
		1	50	20.00	19.20	19.19	19.27
		1	99	20.00	19.50	19.31	19.39
		50	0	20.00	19.27	19.17	19.08
		50	25	20.00	18.95	18.85	18.84
		50	50	20.00	18.86	18.85	18.86
		100	0	20.00	19.14	18.94	19.09

Table 75: Conducted power measurement results of LTE Band II

7.1.19 Conducted power measurements of LTE Band IV (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19957CH	Channel 20175CH	Channel 20393CH
1.4MHz	QPSK	1	0	23.00	21.78	21.85	21.79
		1	3	23.00	21.69	21.86	21.78
		1	5	23.00	21.75	21.78	21.57
		3	0	23.00	21.55	21.68	21.64
		3	2	23.00	21.60	21.79	21.57
		3	3	23.00	21.58	21.67	21.50
		6	0	22.00	20.69	20.79	20.58
	16QAM	1	0	22.00	20.76	21.08	20.89
		1	3	22.00	20.73	21.16	20.83
		1	5	22.00	20.96	20.90	20.92
		3	0	22.00	20.62	20.77	20.61
		3	2	22.00	20.58	20.82	20.68
		3	3	22.00	20.58	20.72	20.62
		6	0	21.00	19.76	19.83	19.78
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19965CH	Channel 20175CH	Channel 20385CH
3MHz	QPSK	1	0	23.00	21.78	21.96	21.85
		1	7	23.00	21.76	21.91	21.76
		1	14	23.00	21.62	21.77	21.67
		8	0	22.00	20.70	20.86	20.66
		8	4	22.00	20.73	20.81	20.69
		8	7	22.00	20.64	20.73	20.66
		15	0	22.00	20.68	20.80	20.67
	16QAM	1	0	22.00	21.05	21.02	21.06
		1	7	22.00	20.90	21.00	20.92
		1	14	22.00	20.74	21.05	20.97
		8	0	21.00	19.74	19.91	19.72
		8	4	21.00	19.77	19.83	19.70
		8	7	21.00	19.72	19.85	19.76
		15	0	21.00	19.73	19.86	19.69

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19975CH	Channel 20175CH	Channel 20375CH
5MHz	QPSK	1	0	23.00	22.22	22.23	22.32
		1	13	23.00	21.90	21.98	21.81
		1	24	23.00	21.72	21.85	21.76
		12	0	22.00	20.64	20.79	20.63
		12	6	22.00	20.63	20.89	20.69
		12	13	22.00	20.51	20.73	20.68
		25	0	22.00	20.65	20.75	20.69
	16QAM	1	0	22.00	20.83	21.03	20.79
		1	13	22.00	20.85	20.95	20.82
		1	24	22.00	20.74	20.85	20.76
		12	0	21.00	19.69	19.85	19.68
		12	6	21.00	19.71	19.89	19.73
		12	13	21.00	19.65	19.81	19.79
		25	0	21.00	19.65	19.72	19.69
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20000CH	Channel 20175CH	Channel 20350CH
10MHz	QPSK	1	0	23.00	22.47	22.57	22.68
		1	25	23.00	21.69	21.90	21.69
		1	49	23.00	21.65	21.92	21.76
		25	0	22.00	20.79	20.97	20.80
		25	13	22.00	20.64	20.85	20.64
		25	25	22.00	20.71	20.76	20.58
		50	0	22.00	20.77	20.89	20.72
	16QAM	1	0	22.00	21.27	21.21	21.02
		1	25	22.00	20.61	20.69	20.60
		1	49	22.00	20.78	20.84	20.85
		25	0	21.00	19.78	19.97	19.76
		25	13	21.00	19.70	19.88	19.67
		25	25	21.00	19.68	19.73	19.59
		50	0	21.00	19.72	19.81	19.69

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20025CH	Channel 20175CH	Channel 20325CH
15MHz	QPSK	1	0	23.00	22.38	22.55	22.62
		1	38	23.00	21.65	21.88	21.87
		1	74	23.00	21.93	22.02	22.14
		36	0	22.00	20.88	20.96	21.01
		36	18	22.00	20.78	20.91	20.90
		36	39	22.00	20.76	20.83	20.78
		75	0	22.00	20.82	20.92	20.91
	16QAM	1	0	22.00	21.06	21.25	21.09
		1	38	22.00	20.44	20.56	20.53
		1	74	22.00	20.63	20.66	20.57
		36	0	21.00	19.86	20.00	20.02
		36	18	21.00	19.81	19.89	19.86
		36	39	21.00	19.71	19.82	19.70
		75	0	21.00	19.83	19.92	19.91
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20050CH	Channel 20175CH	Channel 20300CH
20MHz	QPSK	1	0	23.00	**22.42**	**22.67**	**22.66**
		1	50	23.00	21.63	21.76	21.73
		1	99	23.00	21.96	21.93	21.76
		50	0	22.00	**20.93**	**21.12**	**21.06**
		50	25	22.00	20.77	20.91	20.80
		50	50	22.00	20.83	20.74	20.75
		100	0	22.00	20.89	**20.98**	20.96
	16QAM	1	0	22.00	21.85	21.98	21.96
		1	50	22.00	21.22	21.29	21.29
		1	99	22.00	21.53	21.50	21.37
		50	0	21.00	20.07	20.19	20.08
		50	25	21.00	19.80	19.97	19.86
		50	50	21.00	19.87	19.85	19.84
		100	0	21.00	19.99	19.96	19.99

Table 76: Conducted power measurement results of LTE Band IV

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19957CH	Channel 20175CH	Channel 20393CH
1.4MHz	QPSK	1	0	21.00	20.19	20.15	20.09
		1	3	21.00	20.19	20.15	20.09
		1	5	21.00	20.19	20.15	20.09
		3	0	21.00	20.19	20.15	20.09
		3	2	21.00	20.19	20.15	20.09
		3	3	21.00	20.19	20.15	20.09
		6	0	21.00	20.19	20.15	20.09
	16QAM	1	0	21.00	20.19	20.15	20.09
		1	3	21.00	20.19	20.15	20.09
		1	5	21.00	20.19	20.15	20.09
		3	0	21.00	20.19	20.15	20.09
		3	2	21.00	20.19	20.15	20.09
		3	3	21.00	19.14	20.15	20.09
		6	0	21.00	19.14	19.42	19.45
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19965CH	Channel 20175CH	Channel 20385CH
3MHz	QPSK	1	0	21.00	19.05	19.13	19.16
		1	7	21.00	19.13	19.21	19.18
		1	14	21.00	19.09	19.15	19.08
		8	0	21.00	19.01	19.06	19.05
		8	4	21.00	19.05	19.32	19.23
		8	7	21.00	19.04	19.13	19.14
		15	0	21.00	19.07	19.11	19.16
	16QAM	1	0	21.00	19.24	19.11	19.00
		1	7	21.00	19.13	19.05	19.26
		1	14	21.00	19.21	19.25	19.07
		8	0	21.00	19.14	19.26	19.08
		8	4	21.00	19.04	19.40	19.05
		8	7	21.00	19.03	19.05	19.27
		15	0	21.00	19.07	19.32	19.35

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19975CH	Channel 20175CH	Channel 20375CH
5MHz	QPSK	1	0	21.00	19.09	19.14	19.17
		1	13	21.00	19.16	19.25	19.15
		1	24	21.00	19.08	19.13	19.21
		12	0	21.00	19.16	19.13	19.17
		12	6	21.00	19.08	19.36	19.11
		12	13	21.00	19.09	19.24	19.36
		25	0	21.00	19.24	19.32	19.25
	16QAM	1	0	21.00	19.00	19.13	19.10
		1	13	21.00	19.05	19.24	19.06
		1	24	21.00	18.89	19.04	19.28
		12	0	21.00	19.06	19.33	19.37
		12	6	21.00	19.06	19.06	19.35
		12	13	21.00	19.02	19.12	19.16
		25	0	21.00	19.29	19.06	19.06
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20000CH	Channel 20175CH	Channel 20350CH
10MHz	QPSK	1	0	21.00	19.09	19.16	19.19
		1	25	21.00	19.15	19.25	19.17
		1	49	21.00	19.24	19.18	19.16
		25	0	21.00	19.01	19.32	19.00
		25	13	21.00	19.34	19.24	19.26
		25	25	21.00	19.27	19.09	19.19
		50	0	21.00	19.20	19.46	19.05
	16QAM	1	0	21.00	18.94	19.32	19.13
		1	25	21.00	19.32	19.27	19.09
		1	49	21.00	19.32	19.29	19.00
		25	0	21.00	19.06	19.00	19.03
		25	13	21.00	19.05	19.10	19.38
		25	25	21.00	19.09	19.32	19.08
		50	0	21.00	19.38	19.25	19.19

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20025CH	Channel 20175CH	Channel 20325CH
15MHz	QPSK	1	0	21.00	19.53	19.16	19.21
		1	38	21.00	19.61	19.19	19.16
		1	74	21.00	19.74	19.20	19.27
		36	0	21.00	19.48	19.19	19.26
		36	18	21.00	19.45	19.37	19.22
		36	39	21.00	19.60	19.32	19.45
		75	0	21.00	19.66	19.25	19.36
	16QAM	1	0	21.00	19.54	19.10	19.02
		1	38	21.00	19.53	19.13	19.00
		1	74	21.00	19.70	19.09	19.37
		36	0	21.00	19.64	19.28	19.44
		36	18	21.00	19.71	19.08	19.26
		36	39	21.00	19.70	19.08	19.25
		75	0	21.00	19.56	19.34	19.29
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20050CH	Channel 20175CH	Channel 20300CH
20MHz	QPSK	1	0	21.00	19.57	19.14	19.19
		1	50	21.00	19.64	19.18	19.15
		1	99	21.00	19.75	19.23	19.31
		50	0	21.00	19.70	19.04	19.27
		50	25	21.00	19.54	19.09	19.16
		50	50	21.00	19.78	19.34	19.45
		100	0	21.00	19.53	19.18	19.15
	16QAM	1	0	21.00	19.59	18.98	19.17
		1	50	21.00	19.75	19.03	19.27
		1	99	21.00	19.82	19.05	19.46
		50	0	21.00	19.51	19.09	19.05
		50	25	21.00	19.64	19.34	19.03
		50	50	21.00	19.82	19.34	19.20
		100	0	21.00	19.55	19.07	19.33

Table 77: Conducted power measurement results of LTE Band IV

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19957CH	Channel 20175CH	Channel 20393CH
1.4MHz	QPSK	1	0	20.00	18.92	18.94	18.96
		1	3	20.00	18.83	18.95	18.96
		1	5	20.00	18.75	18.88	18.86
		3	0	20.00	18.66	18.75	18.82
		3	2	20.00	18.75	18.84	18.90
		3	3	20.00	18.74	18.74	18.87
		6	0	20.00	18.83	18.89	18.82
	16QAM	1	0	20.00	19.11	19.06	19.13
		1	3	20.00	19.18	19.26	19.32
		1	5	20.00	19.25	19.26	19.26
		3	0	20.00	18.89	18.94	18.92
		3	2	20.00	19.02	18.93	19.01
		3	3	20.00	18.97	18.93	18.98
		6	0	20.00	19.04	18.99	19.02
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19965CH	Channel 20175CH	Channel 20385CH
3MHz	QPSK	1	0	20.00	18.84	19.03	18.87
		1	7	20.00	18.75	18.94	18.85
		1	14	20.00	18.80	18.82	18.82
		8	0	20.00	18.98	18.98	18.91
		8	4	20.00	18.79	18.94	18.92
		8	7	20.00	18.84	18.90	18.82
		15	0	20.00	18.82	18.95	18.92
	16QAM	1	0	20.00	19.27	19.30	19.26
		1	7	20.00	19.28	19.22	19.39
		1	14	20.00	19.18	19.26	19.29
		8	0	20.00	19.07	19.02	19.00
		8	4	20.00	18.92	18.96	19.04
		8	7	20.00	18.98	18.97	19.03
		15	0	20.00	19.02	18.98	19.03

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 19975CH	Channel 20175CH	Channel 20375CH
5MHz	QPSK	1	0	20.00	18.99	19.12	18.98
		1	13	20.00	18.93	18.99	19.10
		1	24	20.00	18.94	18.93	18.92
		12	0	20.00	18.82	18.97	18.96
		12	6	20.00	18.91	18.99	18.90
		12	13	20.00	18.78	18.89	18.84
		25	0	20.00	18.87	18.94	18.88
	16QAM	1	0	20.00	19.22	19.20	19.22
		1	13	20.00	19.15	19.18	19.24
		1	24	20.00	19.09	19.11	19.10
		12	0	20.00	19.04	19.04	19.10
		12	6	20.00	19.03	18.99	19.01
		12	13	20.00	18.93	18.97	19.02
		25	0	20.00	18.99	18.95	18.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20000CH	Channel 20175CH	Channel 20350CH
10MHz	QPSK	1	0	20.00	19.31	19.26	19.10
		1	25	20.00	18.87	18.88	18.85
		1	49	20.00	19.07	19.18	19.14
		25	0	20.00	19.04	19.12	19.06
		25	13	20.00	18.96	18.98	18.94
		25	25	20.00	18.95	18.96	18.92
		50	0	20.00	19.04	19.05	18.93
	16QAM	1	0	20.00	19.45	19.44	19.51
		1	25	20.00	19.02	18.85	19.02
		1	49	20.00	19.01	19.08	19.13
		25	0	20.00	19.03	19.12	19.13
		25	13	20.00	18.95	19.01	19.07
		25	25	20.00	18.96	18.94	18.89
		50	0	20.00	18.96	18.99	18.94

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20025CH	Channel 20175CH	Channel 20325CH
15MHz	QPSK	1	0	20.00	19.49	19.44	19.62
		1	38	20.00	18.84	18.79	18.98
		1	74	20.00	18.98	19.17	19.17
		36	0	20.00	19.12	19.08	19.24
		36	18	20.00	18.96	18.97	19.13
		36	39	20.00	18.95	18.98	19.04
		75	0	20.00	19.04	19.04	19.16
	16QAM	1	0	20.00	19.41	19.24	19.37
		1	38	20.00	18.75	18.80	18.93
		1	74	20.00	18.90	18.89	18.88
		36	0	20.00	19.17	19.08	19.18
		36	18	20.00	19.05	18.96	19.10
		36	39	20.00	19.02	18.96	18.98
		75	0	20.00	19.00	19.04	19.12
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20050CH	Channel 20175CH	Channel 20300CH
20MHz	QPSK	1	0	20.00	**19.79**	**19.71**	**19.60**
		1	50	20.00	18.78	18.83	18.88
		1	99	20.00	19.07	19.11	19.13
		50	0	20.00	**19.21**	**19.23**	**19.25**
		50	25	20.00	19.07	18.95	19.09
		50	50	20.00	19.00	18.99	19.09
		100	0	20.00	19.12	19.08	**19.18**
	16QAM	1	0	20.00	19.80	19.78	19.85
		1	50	20.00	19.52	19.54	19.60
		1	99	20.00	19.60	19.71	19.77
		50	0	20.00	19.20	19.29	19.37
		50	25	20.00	19.06	19.00	19.18
		50	50	20.00	19.00	19.05	19.18
		100	0	20.00	19.12	19.20	19.28

Table 78: Conducted power measurement results of LTE Band IV

7.1.20 Conducted power measurements of LTE Band V (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20407CH	Channel 20525CH	Channel 20643CH
1.4MHz	QPSK	1	0	23.50	22.29	22.39	22.38
		1	3	23.50	22.33	22.34	22.39
		1	5	23.50	22.25	22.37	22.34
		3	0	23.50	22.19	22.22	22.28
		3	2	23.50	22.28	22.30	22.37
		3	3	23.50	22.14	22.23	22.26
		6	0	22.50	21.30	21.26	21.31
	16QAM	1	0	22.50	21.35	21.39	21.51
		1	3	22.50	21.54	21.63	21.69
		1	5	22.50	21.58	21.59	21.60
		3	0	22.50	21.32	21.33	21.36
		3	2	22.50	21.36	21.35	21.37
		3	3	22.50	21.23	21.34	21.35
		6	0	21.50	20.45	20.37	20.44
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20415CH	Channel 20525CH	Channel 20635CH
3MHz	QPSK	1	0	23.50	22.26	22.23	22.38
		1	7	23.50	22.29	22.25	22.36
		1	14	23.50	22.22	22.35	22.33
		8	0	22.50	21.24	21.27	21.31
		8	4	22.50	21.30	21.33	21.43
		8	7	22.50	21.25	21.29	21.34
		15	0	22.50	21.26	21.27	21.35
	16QAM	1	0	22.50	21.61	21.65	21.78
		1	7	22.50	21.65	21.69	21.76
		1	14	22.50	21.62	21.69	21.63
		8	0	21.50	20.34	20.33	20.36
		8	4	21.50	20.41	20.37	20.50
		8	7	21.50	20.39	20.34	20.40
		15	0	21.50	20.37	20.34	20.39

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20425CH	20525CH	20625CH
5MHz	QPSK	1	0	23.50	22.37	22.37	22.38
		1	13	23.50	22.38	22.35	22.39
		1	24	23.50	22.38	22.39	22.39
		12	0	22.50	21.24	21.25	21.33
		12	6	22.50	21.21	21.33	21.39
		12	13	22.50	21.22	21.23	21.35
		25	0	22.50	21.35	21.26	21.29
	16QAM	1	0	22.50	21.46	21.59	21.52
		1	13	22.50	21.55	21.63	21.63
		1	24	22.50	21.51	21.54	21.56
		12	0	21.50	20.40	20.34	20.38
		12	6	21.50	20.38	20.40	20.43
		12	13	21.50	20.34	20.35	20.47
		25	0	21.50	20.32	20.25	20.29
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20450CH	20525CH	20600CH
10MHz	QPSK	1	0	23.50	22.36	22.37	**22.40**
		1	25	23.50	**22.37**	22.32	22.33
		1	49	23.50	22.23	**22.39**	22.38
		25	0	22.50	**21.33**	**21.34**	21.29
		25	13	22.50	21.24	21.26	**21.32**
		25	25	22.50	21.19	21.28	21.30
		50	0	22.50	21.30	21.41	21.35
	16QAM	1	0	22.50	21.40	21.52	21.45
		1	25	22.50	21.29	21.16	21.22
		1	49	22.50	21.44	21.39	21.37
		25	0	21.50	20.40	20.33	20.32
		25	13	21.50	20.36	20.29	20.39
		25	25	21.50	20.19	20.26	20.36
		50	0	21.50	20.27	20.34	20.26

Table 79: Conducted power measurement results of LTE Band V

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20407CH	Channel 20525CH	Channel 20643CH
1.4MHz	QPSK	1	0	23.50	22.29	22.39	22.38
		1	3	23.50	22.33	22.34	22.39
		1	5	23.50	22.25	22.37	22.34
		3	0	23.50	22.19	22.22	22.28
		3	2	23.50	22.28	22.30	22.37
		3	3	23.50	22.14	22.23	22.26
		6	0	22.50	21.30	21.26	21.31
	16QAM	1	0	22.50	21.35	21.39	21.51
		1	3	22.50	21.54	21.63	21.69
		1	5	22.50	21.58	21.59	21.60
		3	0	22.50	21.32	21.33	21.36
		3	2	22.50	21.36	21.35	21.37
		3	3	22.50	21.23	21.34	21.35
		6	0	21.50	20.45	20.37	20.44
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20415CH	Channel 20525CH	Channel 20635CH
3MHz	QPSK	1	0	23.50	22.26	22.23	22.38
		1	7	23.50	22.29	22.25	22.36
		1	14	23.50	22.22	22.35	22.33
		8	0	22.50	21.24	21.27	21.31
		8	4	22.50	21.30	21.33	21.43
		8	7	22.50	21.25	21.29	21.34
		15	0	22.50	21.26	21.27	21.35
	16QAM	1	0	22.50	21.61	21.65	21.78
		1	7	22.50	21.65	21.69	21.76
		1	14	22.50	21.62	21.69	21.63
		8	0	21.50	20.34	20.33	20.36
		8	4	21.50	20.41	20.37	20.50
		8	7	21.50	20.39	20.34	20.40
		15	0	21.50	20.37	20.34	20.39

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20425CH	20525CH	20625CH
5MHz	QPSK	1	0	23.50	22.37	22.37	22.38
		1	13	23.50	22.38	22.35	22.39
		1	24	23.50	22.38	22.39	22.39
		12	0	22.50	21.24	21.25	21.33
		12	6	22.50	21.21	21.33	21.39
		12	13	22.50	21.22	21.23	21.35
		25	0	22.50	21.35	21.26	21.29
	16QAM	1	0	22.50	21.46	21.59	21.52
		1	13	22.50	21.55	21.63	21.63
		1	24	22.50	21.51	21.54	21.56
		12	0	21.50	20.40	20.34	20.38
		12	6	21.50	20.38	20.40	20.43
		12	13	21.50	20.34	20.35	20.47
		25	0	21.50	20.32	20.25	20.29
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20450CH	20525CH	20600CH
10MHz	QPSK	1	0	23.50	22.36	22.37	22.40
		1	25	23.50	22.37	22.32	22.33
		1	49	23.50	22.23	22.39	22.38
		25	0	22.50	21.33	21.34	21.29
		25	13	22.50	21.24	21.26	21.32
		25	25	22.50	21.19	21.28	21.30
		50	0	22.50	21.30	21.41	21.35
	16QAM	1	0	22.50	21.40	21.52	21.45
		1	25	22.50	21.29	21.16	21.22
		1	49	22.50	21.44	21.39	21.37
		25	0	21.50	20.40	20.33	20.32
		25	13	21.50	20.36	20.29	20.39
		25	25	21.50	20.19	20.26	20.36
		50	0	21.50	20.27	20.34	20.26

Table 80: Conducted power measurement results of LTE Band V

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20407CH	Channel 20525CH	Channel 20643CH
1.4MHz	QPSK	1	0	22.50	21.19	21.19	21.15
		1	3	22.50	21.16	21.22	21.15
		1	5	22.50	21.18	21.15	21.10
		3	0	22.50	21.01	21.07	21.08
		3	2	22.50	21.12	21.12	21.13
		3	3	22.50	21.05	21.06	21.06
		6	0	21.50	21.11	21.06	21.05
	16QAM	1	0	21.50	21.30	21.16	21.23
		1	3	21.50	21.47	21.48	21.24
		1	5	21.50	21.36	21.47	21.41
		3	0	21.50	21.10	21.14	21.05
		3	2	21.50	21.15	21.23	21.14
		3	3	21.50	21.12	21.14	21.09
		6	0	20.50	20.22	20.23	20.19
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20415CH	Channel 20525CH	Channel 20635CH
3MHz	QPSK	1	0	22.50	21.06	20.99	21.09
		1	7	22.50	21.11	21.09	21.17
		1	14	22.50	21.06	20.98	21.02
		8	0	21.50	21.14	21.21	21.11
		8	4	21.50	21.19	21.16	21.15
		8	7	21.50	21.14	21.12	21.06
		15	0	21.50	21.09	21.15	21.15
	16QAM	1	0	21.50	21.47	21.48	21.45
		1	7	21.50	21.49	21.47	21.42
		1	14	21.50	21.47	21.49	21.36
		8	0	20.50	20.29	20.28	20.18
		8	4	20.50	20.29	20.26	20.22
		8	7	20.50	20.28	20.25	20.18
		15	0	20.50	20.18	20.21	20.16

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20425CH	20525CH	20625CH
5MHz	QPSK	1	0	22.50	21.22	21.09	21.04
		1	13	22.50	21.24	21.34	21.16
		1	24	22.50	21.13	21.14	21.06
		12	0	21.50	21.06	21.15	21.04
		12	6	21.50	21.19	21.12	21.08
		12	13	21.50	21.13	21.05	20.95
		25	0	21.50	21.16	21.13	20.96
	16QAM	1	0	21.50	21.44	21.40	21.34
		1	13	21.50	21.45	21.48	21.41
		1	24	21.50	21.31	21.34	21.29
		12	0	20.50	20.27	20.29	20.27
		12	6	20.50	20.30	20.24	20.27
		12	13	20.50	20.29	20.18	20.18
		25	0	20.50	20.18	20.16	20.11
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					20450CH	20525CH	20600CH
10MHz	QPSK	1	0	22.50	**21.20**	21.16	21.19
		1	25	22.50	21.09	21.13	21.18
		1	49	22.50	21.12	**21.17**	**21.23**
		25	0	21.50	**21.19**	**21.21**	**21.22**
		25	13	21.50	21.14	21.13	21.16
		25	25	21.50	21.09	21.13	21.04
		50	0	21.50	21.19	**21.24**	21.17
	16QAM	1	0	21.50	21.30	21.17	21.15
		1	25	21.50	20.90	21.12	21.11
		1	49	21.50	21.18	21.15	21.12
		25	0	20.50	20.23	20.18	20.24
		25	13	20.50	20.20	20.21	20.21
		25	25	20.50	20.17	20.14	20.11
		50	0	20.50	20.11	20.13	20.13

Table 81: Conducted power measurement results of LTE Band V

7.1.21 Conducted power measurements of LTE Band VII (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20775CH	Channel 21100CH	Channel 21425CH
5MHz	QPSK	1	0	22.80	22.25	22.26	22.00
		1	13	22.80	22.27	22.14	22.16
		1	24	22.80	21.97	22.07	21.93
		12	0	21.80	21.06	21.12	20.88
		12	6	21.80	20.94	21.08	20.96
		12	13	21.80	20.89	20.93	20.83
		25	0	21.80	20.92	21.04	20.89
	16QAM	1	0	21.80	21.22	21.25	21.15
		1	13	21.80	21.41	21.45	21.25
		1	24	21.80	21.23	21.35	21.01
		12	0	20.80	20.14	20.25	19.99
		12	6	20.80	20.08	20.19	19.97
		12	13	20.80	20.04	20.08	19.93
		25	0	20.80	19.95	19.97	19.89
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20800CH	Channel 21100CH	Channel 21400CH
10MHz	QPSK	1	0	22.80	21.87	22.19	22.28
		1	25	22.80	21.91	21.94	21.97
		1	49	22.80	21.62	22.02	21.77
		25	0	21.80	20.91	21.09	20.87
		25	13	21.80	20.89	21.09	20.86
		25	25	21.80	20.75	20.96	20.74
		50	0	21.80	20.89	21.09	20.77
	16QAM	1	0	21.80	21.29	21.39	21.22
		1	25	21.80	20.76	20.85	20.85
		1	49	21.80	20.92	21.25	20.79
		25	0	20.80	20.03	20.07	19.91
		25	13	20.80	20.06	20.12	20.01
		25	25	20.80	19.87	19.94	19.86
		50	0	20.80	19.94	19.93	19.81

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20825CH	Channel 21100CH	Channel 21375CH
15MHz	QPSK	1	0	22.80	22.01	22.15	22.28
		1	38	22.80	22.02	22.04	22.07
		1	74	22.80	21.79	21.81	21.75
		36	0	21.80	20.97	21.09	21.08
		36	18	21.80	20.98	21.11	21.02
		36	39	21.80	20.73	21.06	20.86
		75	0	21.80	20.87	21.03	20.95
	16QAM	1	0	21.80	20.90	21.02	20.88
		1	38	21.80	20.80	20.88	20.79
		1	74	21.80	20.58	20.81	20.48
		36	0	20.80	20.02	20.15	20.14
		36	18	20.80	20.07	20.20	20.10
		36	39	20.80	19.85	20.15	19.90
		75	0	20.80	19.95	20.07	20.02
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20850CH	Channel 21100CH	Channel 21350CH
20MHz	QPSK	1	0	22.80	21.98	22.03	21.98
		1	50	22.80	**22.07**	**22.12**	**22.13**
		1	99	22.80	21.50	21.72	21.54
		50	0	21.80	20.94	**21.16**	21.03
		50	25	21.80	**20.98**	21.14	**21.05**
		50	50	21.80	20.77	20.98	20.77
		100	0	21.80	20.88	**21.07**	20.91
	16QAM	1	0	21.80	21.48	21.67	21.68
		1	50	21.80	21.78	21.92	21.79
		1	99	21.80	21.13	21.30	21.07
		50	0	20.80	20.05	20.21	20.11
		50	25	20.80	20.07	20.16	20.13
		50	50	20.80	19.85	20.04	19.88
		100	0	20.80	19.95	20.15	20.02

Table 82: Conducted power measurement results of LTE Band VII

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20775CH	Channel 21100CH	Channel 21425CH
5MHz	QPSK	1	0	21.00	19.93	19.86	19.84
		1	13	21.00	19.71	19.91	20.03
		1	24	21.00	19.35	19.46	19.51
		12	0	21.00	20.03	19.80	19.98
		12	6	21.00	19.81	20.08	20.12
		12	13	21.00	19.31	19.34	19.47
		25	0	21.00	19.86	19.81	19.67
	16QAM	1	0	21.00	19.97	19.89	20.04
		1	13	21.00	19.73	19.87	20.22
		1	24	21.00	19.38	19.59	19.36
		12	0	21.00	19.77	19.72	20.01
		12	6	21.00	19.64	19.74	20.20
		12	13	21.00	19.46	19.31	19.63
		25	0	21.00	19.96	19.67	19.72
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20800CH	Channel 21100CH	Channel 21400CH
10MHz	QPSK	1	0	21.00	19.84	19.83	19.75
		1	25	21.00	19.67	19.85	20.09
		1	49	21.00	19.33	19.53	19.43
		25	0	21.00	19.97	19.92	19.86
		25	13	21.00	19.60	19.90	20.20
		25	25	21.00	19.20	19.67	19.29
		50	0	21.00	19.91	19.74	19.69
	16QAM	1	0	21.00	19.70	20.01	19.89
		1	25	21.00	19.64	19.70	20.04
		1	49	21.00	19.17	19.40	19.59
		25	0	21.00	19.78	19.89	19.71
		25	13	21.00	19.85	19.80	20.18
		25	25	21.00	19.45	19.57	19.43
		50	0	21.00	19.67	19.79	19.84

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20825CH	Channel 21100CH	Channel 21375CH
15MHz	QPSK	1	0	21.00	19.88	20.03	19.64
		1	38	21.00	19.61	19.87	20.01
		1	74	21.00	19.24	19.54	19.41
		36	0	21.00	19.87	20.00	19.81
		36	18	21.00	19.72	20.01	20.16
		36	39	21.00	19.09	19.73	19.54
		75	0	21.00	20.03	20.19	19.51
	16QAM	1	0	21.00	20.08	20.22	19.56
		1	38	21.00	19.80	19.89	19.94
		1	74	21.00	19.22	19.44	19.50
		36	0	21.00	19.80	20.22	19.83
		36	18	21.00	19.74	19.69	20.13
		36	39	21.00	19.16	19.67	19.34
		75	0	21.00	19.90	20.17	19.84
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20850CH	Channel 21100CH	Channel 21350CH
20MHz	QPSK	1	0	21.00	19.95	20.05	19.91
		1	50	21.00	19.74	19.97	20.04
		1	99	21.00	19.41	19.46	19.55
		50	0	21.00	19.98	19.95	19.79
		50	25	21.00	19.92	19.87	20.18
		50	50	21.00	19.33	19.38	19.45
		100	0	21.00	20.10	19.88	19.79
	16QAM	1	0	21.00	20.15	19.90	19.82
		1	50	21.00	19.55	19.90	19.91
		1	99	21.00	19.45	19.51	19.47
		50	0	21.00	19.95	19.97	19.93
		50	25	21.00	19.61	19.97	19.88
		50	50	21.00	19.26	19.51	19.48
		100	0	21.00	20.11	19.88	19.93

Table 83: Conducted power measurement results of LTE Band VII

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20775CH	Channel 21100CH	Channel 21425CH
5MHz	QPSK	1	0	20.00	19.24	19.29	19.41
		1	13	20.00	19.25	19.49	19.49
		1	24	20.00	19.12	19.37	19.31
		12	0	20.00	19.03	19.31	19.32
		12	6	20.00	19.16	19.34	19.37
		12	13	20.00	19.05	19.27	19.27
		25	0	20.00	19.07	19.29	19.36
	16QAM	1	0	20.00	19.32	19.58	19.57
		1	13	20.00	19.38	19.65	19.67
		1	24	20.00	19.27	19.53	19.44
		12	0	20.00	19.14	19.43	19.42
		12	6	20.00	19.19	19.41	19.39
		12	13	20.00	19.12	19.39	19.36
		25	0	20.00	18.99	19.30	19.30
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20800CH	Channel 21100CH	Channel 21400CH
10MHz	QPSK	1	0	20.00	19.11	19.45	19.36
		1	25	20.00	19.08	19.40	19.30
		1	49	20.00	19.04	19.24	19.21
		25	0	20.00	19.09	19.43	19.28
		25	13	20.00	19.11	19.35	19.26
		25	25	20.00	19.09	19.21	19.19
		50	0	20.00	19.11	19.19	19.26
	16QAM	1	0	20.00	19.10	19.37	19.28
		1	25	20.00	18.90	19.13	19.13
		1	49	20.00	19.02	19.22	19.27
		25	0	20.00	19.09	19.43	19.35
		25	13	20.00	19.11	19.34	19.38
		25	25	20.00	19.06	19.31	19.26
		50	0	20.00	19.04	19.26	19.28

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20825CH	Channel 21100CH	Channel 21375CH
15MHz	QPSK	1	0	20.00	19.33	19.32	19.34
		1	38	20.00	19.30	19.38	19.38
		1	74	20.00	18.98	19.01	19.07
		36	0	20.00	19.30	19.34	19.34
		36	18	20.00	19.28	19.35	19.40
		36	39	20.00	19.11	19.03	19.23
		75	0	20.00	19.14	19.19	19.27
	16QAM	1	0	20.00	19.25	19.31	19.13
		1	38	20.00	19.16	19.24	19.17
		1	74	20.00	18.86	18.91	18.81
		36	0	20.00	19.32	19.37	19.36
		36	18	20.00	19.36	19.43	19.42
		36	39	20.00	19.15	19.18	19.23
		75	0	20.00	19.20	19.25	19.32
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 20850CH	Channel 21100CH	Channel 21350CH
20MHz	QPSK	1	0	20.00	19.28	19.26	19.39
		1	50	20.00	**19.41**	**19.39**	**19.40**
		1	99	20.00	18.78	18.85	18.87
		50	0	20.00	19.28	**19.36**	19.35
		50	25	20.00	**19.33**	19.34	**19.39**
		50	50	20.00	19.10	19.09	19.17
		100	0	20.00	19.22	**19.25**	19.24
	16QAM	1	0	20.00	19.53	19.57	19.69
		1	50	20.00	19.71	19.79	19.72
		1	99	20.00	19.39	19.44	19.40
		50	0	20.00	19.39	19.44	19.42
		50	25	20.00	19.39	19.40	19.42
		50	50	20.00	19.18	19.10	19.24
		100	0	20.00	19.30	19.31	19.33

Table 84: Conducted power measurement results of LTE Band VII

7.1.22 Conducted power measurements of LTE Band XII (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23107CH	Channel 23095CH	Channel 23173CH
1.4MHz	QPSK	1	0	23.50	22.36	22.32	22.42
		1	3	23.50	22.36	22.44	22.47
		1	5	23.50	22.19	22.33	22.31
		3	0	23.50	22.07	22.11	22.42
		3	2	23.50	22.22	22.21	22.44
		3	3	23.50	22.18	22.11	22.36
		6	0	22.50	21.31	21.20	21.28
	16QAM	1	0	22.50	21.54	21.30	21.60
		1	3	22.50	21.46	21.55	21.67
		1	5	22.50	21.62	21.68	21.64
		3	0	22.50	21.25	21.23	21.39
		3	2	22.50	21.31	21.28	21.48
		3	3	22.50	21.24	21.27	21.36
		6	0	21.50	20.41	20.34	20.45
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23025CH	Channel 23095CH	Channel 23165CH
3MHz	QPSK	1	0	23.50	22.27	22.19	22.53
		1	7	23.50	22.26	22.17	22.54
		1	14	23.50	22.42	22.39	22.52
		8	0	22.50	21.31	21.25	21.39
		8	4	22.50	21.30	21.30	21.43
		8	7	22.50	21.28	21.24	21.31
		15	0	22.50	21.32	21.27	21.38
	16QAM	1	0	22.50	21.61	21.55	21.60
		1	7	22.50	21.49	21.50	21.57
		1	14	22.50	21.48	21.49	21.49
		8	0	21.50	20.32	20.27	20.43
		8	4	21.50	20.36	20.34	20.50
		8	7	21.50	20.36	20.36	20.38
		15	0	21.50	20.37	20.24	20.44

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23035CH	23095CH	23155CH
5MHz	QPSK	1	0	23.50	22.42	22.35	22.34
		1	13	23.50	22.47	22.38	22.30
		1	24	23.50	22.44	22.43	22.52
		12	0	22.50	21.19	21.19	21.51
		12	6	22.50	21.36	21.27	21.46
		12	13	22.50	21.34	21.21	21.33
		25	0	22.50	21.34	21.27	21.41
	16QAM	1	0	22.50	21.38	21.37	21.60
		1	13	22.50	21.51	21.52	21.60
		1	24	22.50	21.44	21.47	21.41
		12	0	21.50	20.32	20.35	20.58
		12	6	21.50	20.48	20.33	20.47
		12	13	21.50	20.41	20.34	20.43
		25	0	21.50	20.32	20.25	20.42
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23060CH	23095CH	23130CH
10MHz	QPSK	1	0	23.50	22.29	22.37	22.31
		1	25	23.50	22.20	22.26	22.53
		1	49	23.50	22.40	22.55	22.55
		25	0	22.50	21.31	21.22	21.31
		25	13	22.50	21.24	21.25	21.35
		25	25	22.50	21.26	21.36	21.34
		50	0	22.50	21.27	21.33	21.31
	16QAM	1	0	22.50	21.46	21.41	21.41
		1	25	22.50	21.14	21.08	21.48
		1	49	22.50	21.47	21.45	21.39
		25	0	21.50	20.29	20.20	20.27
		25	13	21.50	20.31	20.28	20.39
		25	25	21.50	20.26	20.36	20.32
		50	0	21.50	20.26	20.31	20.27

Table 85: Conducted power measurement results of LTE Band XII

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23107CH	Channel 23095CH	Channel 23173CH
1.4MHz	QPSK	1	0	23.50	22.36	22.32	22.42
		1	3	23.50	22.36	22.44	22.47
		1	5	23.50	22.19	22.33	22.31
		3	0	23.50	22.07	22.11	22.42
		3	2	23.50	22.22	22.21	22.44
		3	3	23.50	22.18	22.11	22.36
		6	0	22.50	21.31	21.20	21.28
	16QAM	1	0	22.50	21.54	21.30	21.60
		1	3	22.50	21.46	21.55	21.67
		1	5	22.50	21.62	21.68	21.64
		3	0	22.50	21.25	21.23	21.39
		3	2	22.50	21.31	21.28	21.48
		3	3	22.50	21.24	21.27	21.36
		6	0	21.50	20.41	20.34	20.45
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23025CH	Channel 23095CH	Channel 23165CH
3MHz	QPSK	1	0	23.50	22.27	22.19	22.53
		1	7	23.50	22.26	22.17	22.54
		1	14	23.50	22.42	22.39	22.52
		8	0	22.50	21.31	21.25	21.39
		8	4	22.50	21.30	21.30	21.43
		8	7	22.50	21.28	21.24	21.31
		15	0	22.50	21.32	21.27	21.38
	16QAM	1	0	22.50	21.61	21.55	21.60
		1	7	22.50	21.49	21.50	21.57
		1	14	22.50	21.48	21.49	21.49
		8	0	21.50	20.32	20.27	20.43
		8	4	21.50	20.36	20.34	20.50
		8	7	21.50	20.36	20.36	20.38
		15	0	21.50	20.37	20.24	20.44

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23035CH	23095CH	23155CH
5MHz	QPSK	1	0	23.50	22.42	22.35	22.34
		1	13	23.50	22.47	22.38	22.30
		1	24	23.50	22.44	22.43	22.52
		12	0	22.50	21.19	21.19	21.51
		12	6	22.50	21.36	21.27	21.46
		12	13	22.50	21.34	21.21	21.33
		25	0	22.50	21.34	21.27	21.41
	16QAM	1	0	22.50	21.38	21.37	21.60
		1	13	22.50	21.51	21.52	21.60
		1	24	22.50	21.44	21.47	21.41
		12	0	21.50	20.32	20.35	20.58
		12	6	21.50	20.48	20.33	20.47
		12	13	21.50	20.41	20.34	20.43
		25	0	21.50	20.32	20.25	20.42
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23060CH	23095CH	23130CH
10MHz	QPSK	1	0	23.50	22.29	22.37	22.31
		1	25	23.50	22.20	22.26	22.53
		1	49	23.50	22.40	22.55	22.55
		25	0	22.50	21.31	21.22	21.31
		25	13	22.50	21.24	21.25	21.35
		25	25	22.50	21.26	21.36	21.34
		50	0	22.50	21.27	21.33	21.31
	16QAM	1	0	22.50	21.46	21.41	21.41
		1	25	22.50	21.14	21.08	21.48
		1	49	22.50	21.47	21.45	21.39
		25	0	21.50	20.29	20.20	20.27
		25	13	21.50	20.31	20.28	20.39
		25	25	21.50	20.26	20.36	20.32
		50	0	21.50	20.26	20.31	20.27

Table 86: Conducted power measurement results of LTE Band XII

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23107CH	Channel 23095CH	Channel 23173CH
1.4MHz	QPSK	1	0	22.50	20.93	21.00	21.05
		1	3	22.50	21.08	21.00	21.04
		1	5	22.50	21.02	20.99	21.01
		3	0	22.50	20.77	20.87	20.97
		3	2	22.50	20.93	20.87	21.01
		3	3	22.50	20.90	20.90	20.94
		6	0	21.50	21.00	20.97	20.92
	16QAM	1	0	21.50	21.08	21.07	21.32
		1	3	21.50	21.18	21.11	21.13
		1	5	21.50	21.34	21.13	21.28
		3	0	21.50	20.96	21.03	21.06
		3	2	21.50	21.07	21.14	21.00
		3	3	21.50	21.06	21.03	20.97
		6	0	20.50	20.32	20.27	20.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23025CH	Channel 23095CH	Channel 23165CH
3MHz	QPSK	1	0	22.50	20.84	20.91	21.08
		1	7	22.50	20.99	21.00	21.15
		1	14	22.50	20.98	21.01	21.17
		8	0	21.50	21.01	20.97	20.97
		8	4	21.50	20.98	21.01	21.03
		8	7	21.50	20.87	21.03	21.03
		15	0	21.50	20.96	21.05	21.07
	16QAM	1	0	21.50	21.25	21.27	21.36
		1	7	21.50	21.21	21.32	21.36
		1	14	21.50	21.19	21.36	21.12
		8	0	20.50	20.31	20.22	20.14
		8	4	20.50	20.25	20.24	20.21
		8	7	20.50	20.17	20.28	20.24
		15	0	20.50	20.25	20.24	20.29

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23035CH	23095CH	23155CH
5MHz	QPSK	1	0	22.50	20.92	21.02	21.23
		1	13	22.50	21.07	21.12	21.08
		1	24	22.50	20.97	21.09	21.11
		12	0	21.50	20.87	20.92	21.00
		12	6	21.50	20.89	21.01	20.99
		12	13	21.50	20.86	21.00	20.97
		25	0	21.50	20.90	21.04	21.04
	16QAM	1	0	21.50	21.11	21.13	21.33
		1	13	21.50	21.12	21.28	21.29
		1	24	21.50	20.99	21.14	21.06
		12	0	20.50	20.17	20.28	20.31
		12	6	20.50	20.17	20.25	20.26
		12	13	20.50	20.20	20.30	20.18
		25	0	20.50	20.14	20.26	20.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					23060CH	23095CH	23130CH
10MHz	QPSK	1	0	22.50	21.11	20.96	21.10
		1	25	22.50	20.93	20.92	21.08
		1	49	22.50	21.15	21.03	21.20
		25	0	21.50	21.01	20.92	21.08
		25	13	21.50	20.92	21.04	21.09
		25	25	21.50	20.94	21.05	20.99
		50	0	21.50	20.98	21.04	21.09
	16QAM	1	0	21.50	21.10	21.16	21.17
		1	25	21.50	20.98	20.88	21.10
		1	49	21.50	21.08	21.22	21.06
		25	0	20.50	20.18	20.12	20.29
		25	13	20.50	20.18	20.30	20.30
		25	25	20.50	20.18	20.26	20.26
		50	0	20.50	20.14	20.23	20.27

Table 87: Conducted power measurement results of LTE Band XII

7.1.23 Conducted power measurements of LTE Band XIII (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23205CH	Channel 23230CH	Channel 23255CH
5MHz	QPSK	1	0	23.5	22.25	22.28	22.26
		1	13	23.5	22.32	22.26	22.32
		1	24	23.5	22.26	22.27	22.28
		12	0	22.5	21.24	21.33	21.27
		12	6	22.5	21.38	21.3	21.39
		12	13	22.5	21.31	21.22	21.31
		25	0	22.5	21.37	21.27	21.35
	16QAM	1	0	22.5	21.41	21.62	21.52
		1	13	22.5	21.72	21.49	21.52
		1	24	22.5	21.52	21.39	21.5
		12	0	21.5	20.39	20.53	20.36
		12	6	21.5	20.5	20.37	20.47
		12	13	21.5	20.53	20.32	20.48
		25	0	21.5	20.4	20.26	20.33
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23230CH	Channel 23230CH	Channel 23230CH
10MHz	QPSK	1	0	23.5	/	22.28	/
		1	25	23.5	/	22.23	/
		1	49	23.5	/	22.36	/
		25	0	22.5	/	21.41	/
		25	13	22.5	/	21.27	/
		25	25	22.5	/	21.34	/
		50	0	22.5	/	21.38	/
	16QAM	1	0	22.5	/	21.3	/
		1	25	22.5	/	21.1	/
		1	49	22.5	/	21.25	/
		25	0	21.5	/	20.38	/
		25	13	21.5	/	20.33	/
		25	25	21.5	/	20.35	/
		50	0	21.5	/	20.35	/

Table 88: Conducted power measurement results of LTE Band XIII

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23205CH	Channel 23230CH	Channel 23255CH
5MHz	QPSK	1	0	23.50	22.25	22.28	22.26
		1	13	23.50	22.32	22.26	22.32
		1	24	23.50	22.26	22.27	22.28
		12	0	22.50	21.24	21.33	21.27
		12	6	22.50	21.38	21.30	21.39
		12	13	22.50	21.31	21.22	21.31
		25	0	22.50	21.37	21.27	21.35
	16QAM	1	0	22.50	21.41	21.62	21.52
		1	13	22.50	21.72	21.49	21.52
		1	24	22.50	21.52	21.39	21.50
		12	0	21.50	20.39	20.53	20.36
		12	6	21.50	20.50	20.37	20.47
		12	13	21.50	20.53	20.32	20.48
		25	0	21.50	20.40	20.26	20.33
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23230CH	Channel 23230CH	Channel 23230CH
10MHz	QPSK	1	0	23.50	/	22.28	/
		1	25	23.50	/	22.23	/
		1	49	23.50	/	22.36	/
		25	0	22.50	/	21.41	/
		25	13	22.50	/	21.27	/
		25	25	22.50	/	21.34	/
		50	0	22.50	/	21.38	/
	16QAM	1	0	22.50	/	21.30	/
		1	25	22.50	/	21.10	/
		1	49	22.50	/	21.25	/
		25	0	21.50	/	20.38	/
		25	13	21.50	/	20.33	/
		25	25	21.50	/	20.35	/
		50	0	21.50	/	20.35	/

Table 89: Conducted power measurement results of LTE Band XIII

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23205CH	Channel 23230CH	Channel 23255CH
5MHz	QPSK	1	0	22.50	20.99	21.23	21.06
		1	13	22.50	21.27	21.14	21.25
		1	24	22.50	21.08	21.12	21.21
		12	0	21.50	21.19	21.11	21.11
		12	6	21.50	21.10	21.12	21.09
		12	13	21.50	21.08	21.03	21.09
		25	0	21.50	21.15	21.07	21.18
	16QAM	1	0	21.50	21.24	21.31	21.32
		1	13	21.50	21.62	21.32	21.51
		1	24	21.50	21.36	21.35	21.43
		12	0	20.50	20.42	20.38	20.32
		12	6	20.50	20.40	20.36	20.36
		12	13	20.50	20.40	20.29	20.41
		25	0	20.50	20.23	20.13	20.26
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel /	Channel 23230CH	Channel /
10MHz	QPSK	1	0	22.50	/	21.02	/
		1	25	22.50	/	20.97	/
		1	49	22.50	/	21.12	/
		25	0	21.50	/	21.17	/
		25	13	21.50	/	21.17	/
		25	25	21.50	/	21.09	/
		50	0	21.50	/	21.32	/
	16QAM	1	0	21.50	/	21.07	/
		1	25	21.50	/	20.92	/
		1	49	21.50	/	21.13	/
		25	0	20.50	/	20.38	/
		25	13	20.50	/	20.34	/
		25	25	20.50	/	20.25	/
		50	0	20.50	/	20.33	/

Table 90: Conducted power measurement results of LTE Band XIII

7.1.24 Conducted power measurements of LTE Band XVII (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23755CH	Channel 23790CH	Channel 23825CH
5MHz	QPSK	1	0	23.50	22.33	22.28	22.22
		1	13	23.50	22.20	22.34	22.33
		1	24	23.50	22.18	22.30	22.25
		12	0	22.50	21.13	21.22	21.21
		12	6	22.50	21.23	21.32	21.20
		12	13	22.50	21.15	21.20	21.11
		25	0	22.50	21.10	21.19	21.15
	16QAM	1	0	22.50	21.38	21.35	21.27
		1	13	22.50	21.40	21.48	21.32
		1	24	22.50	21.31	21.27	21.24
		12	0	21.50	20.24	20.30	20.22
		12	6	21.50	20.28	20.35	20.15
		12	13	21.50	20.23	20.29	20.18
		25	0	21.50	20.12	20.22	20.16
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23780CH	Channel 23790CH	Channel 23800CH
10MHz	QPSK	1	0	23.50	22.32	22.13	22.12
		1	25	23.50	22.31	22.19	22.38
		1	49	23.50	22.24	22.38	22.36
		25	0	22.50	21.13	21.17	21.20
		25	13	22.50	21.22	21.31	21.25
		25	25	22.50	21.26	21.19	21.19
		50	0	22.50	21.19	21.28	21.23
	16QAM	1	0	22.50	21.23	21.26	21.22
		1	25	22.50	21.35	21.35	21.22
		1	49	22.50	21.21	21.18	21.15
		25	0	21.50	20.13	20.21	20.13
		25	13	21.50	20.26	20.32	20.31
		25	25	21.50	20.24	20.19	20.20
		50	0	21.50	20.12	20.23	20.19

Table 91: Conducted power measurement results of LTE Band XVII

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23755CH	Channel 23790CH	Channel 23825CH
5MHz	QPSK	1	0	23.50	22.33	22.28	22.22
		1	13	23.50	22.20	22.34	22.33
		1	24	23.50	22.18	22.30	22.25
		12	0	22.50	21.13	21.22	21.21
		12	6	22.50	21.23	21.32	21.20
		12	13	22.50	21.15	21.20	21.11
		25	0	22.50	21.10	21.19	21.15
	16QAM	1	0	22.50	21.38	21.35	21.27
		1	13	22.50	21.40	21.48	21.32
		1	24	22.50	21.31	21.27	21.24
		12	0	21.50	20.24	20.30	20.22
		12	6	21.50	20.28	20.35	20.15
		12	13	21.50	20.23	20.29	20.18
		25	0	21.50	20.12	20.22	20.16
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23780CH	Channel 23790CH	Channel 23800CH
10MHz	QPSK	1	0	23.50	22.32	22.13	22.12
		1	25	23.50	22.31	22.19	22.38
		1	49	23.50	22.24	22.38	22.36
		25	0	22.50	21.13	21.17	21.20
		25	13	22.50	21.22	21.31	21.25
		25	25	22.50	21.26	21.19	21.19
		50	0	22.50	21.19	21.28	21.23
	16QAM	1	0	22.50	21.23	21.26	21.22
		1	25	22.50	21.35	21.35	21.22
		1	49	22.50	21.21	21.18	21.15
		25	0	21.50	20.13	20.21	20.13
		25	13	21.50	20.26	20.32	20.31
		25	25	21.50	20.24	20.19	20.20
		50	0	21.50	20.12	20.23	20.19

Table 92: Conducted power measurement results of LTE Band XVII

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23755CH	Channel 23790CH	Channel 23825CH
5MHz	QPSK	1	0	22.50	21.16	21.19	21.08
		1	13	22.50	21.16	21.19	21.20
		1	24	22.50	21.11	21.22	21.21
		12	0	21.50	20.92	20.99	21.02
		12	6	21.50	21.02	21.13	21.11
		12	13	21.50	20.92	21.03	21.04
		25	0	21.50	21.01	21.05	21.15
	16QAM	1	0	21.50	21.22	21.27	21.16
		1	13	21.50	21.30	21.32	21.31
		1	24	21.50	21.19	21.29	21.18
		12	0	20.50	20.30	20.36	20.27
		12	6	20.50	20.35	20.39	20.31
		12	13	20.50	20.31	20.30	20.28
		25	0	20.50	20.23	20.31	20.32
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 23780CH	Channel 23790CH	Channel 23800CH
10MHz	QPSK	1	0	22.50	21.17	21.03	20.98
		1	25	22.50	20.98	21.05	21.01
		1	49	22.50	21.09	21.38	21.07
		25	0	21.50	20.91	21.07	21.03
		25	13	21.50	21.00	21.04	21.11
		25	25	21.50	21.05	21.11	21.08
		50	0	21.50	21.03	21.11	21.14
	16QAM	1	0	21.50	21.29	21.14	21.12
		1	25	21.50	20.91	21.10	21.11
		1	49	21.50	21.08	21.21	21.13
		25	0	20.50	20.20	20.27	20.23
		25	13	20.50	20.26	20.30	20.40
		25	25	20.50	20.21	20.30	20.28
		50	0	20.50	20.18	20.28	20.30

Table 93: Conducted power measurement results of LTE Band XVII

7.1.25 Conducted power measurements of LTE Band XXV (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26047CH	Channel 26365CH	Channel 26683CH
1.4MHz	QPSK	1	0	22.70	21.91	21.78	21.64
		1	3	22.70	21.90	21.68	21.73
		1	5	22.70	21.90	21.70	21.62
		3	0	22.70	21.72	21.61	21.48
		3	2	22.70	21.81	21.52	21.54
		3	3	22.70	21.74	21.46	21.43
		6	0	21.70	20.85	20.58	20.64
	16QAM	1	0	21.70	21.13	21.06	20.94
		1	3	21.70	21.00	20.81	20.91
		1	5	21.70	20.76	20.62	20.83
		3	0	21.70	20.75	20.59	20.59
		3	2	21.70	20.75	20.57	20.58
		3	3	21.70	20.70	20.50	20.59
		6	0	21.70	19.87	19.67	19.78
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26055CH	Channel 26365CH	Channel 26675CH
3MHz	QPSK	1	0	22.70	21.95	21.95	21.82
		1	7	22.70	21.78	21.89	21.66
		1	14	22.70	21.83	21.99	22.05
		8	0	21.70	20.76	20.72	20.62
		8	4	21.70	20.82	20.64	20.69
		8	7	21.70	20.67	20.58	20.62
		15	0	21.70	20.82	20.57	20.63
	16QAM	1	0	21.70	20.87	20.64	20.70
		1	7	21.70	20.99	20.65	20.79
		1	14	21.70	20.67	20.62	20.56
		8	0	21.70	19.81	19.69	19.61
		8	4	21.70	19.80	19.58	19.67
		8	7	21.70	19.72	19.56	19.69
		15	0	21.70	19.83	19.62	19.63

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26065CH	Channel 26365CH	Channel 26665CH
5MHz	QPSK	1	0	22.70	22.01	21.79	21.93
		1	13	22.70	21.85	21.74	21.96
		1	24	22.70	21.85	21.69	21.89
		12	0	21.70	20.79	20.63	20.72
		12	6	21.70	20.64	20.57	20.84
		12	13	21.70	20.65	20.54	20.72
		25	0	21.70	20.70	20.58	20.77
	16QAM	1	0	21.70	20.87	20.61	20.74
		1	13	21.70	20.76	20.58	20.73
		1	24	21.70	20.72	20.65	20.72
		12	0	21.70	19.97	19.81	19.90
		12	6	21.70	19.93	19.74	19.99
		12	13	21.70	19.86	19.75	19.90
		25	0	21.70	19.86	19.78	19.97
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26090CH	Channel 26365CH	Channel 26640CH
10MHz	QPSK	1	0	22.70	22.09	21.91	22.08
		1	25	22.70	21.76	21.71	21.80
		1	49	22.70	21.72	21.68	21.81
		25	0	21.70	20.80	20.71	20.94
		25	13	21.70	20.79	20.63	20.72
		25	25	21.70	20.67	20.58	20.63
		50	0	21.70	20.71	20.58	20.84
	16QAM	1	0	21.70	21.33	21.21	21.31
		1	25	21.70	20.78	20.95	21.10
		1	49	21.70	20.73	20.84	20.79
		25	0	21.70	19.99	19.84	20.07
		25	13	21.70	19.98	19.80	19.93
		25	25	21.70	19.88	19.77	19.83
		50	0	21.70	19.83	19.72	19.95

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26115CH	Channel 26365CH	Channel 26615CH
15MHz	QPSK	1	0	22.70	22.50	22.39	22.36
		1	38	22.70	21.74	21.83	21.81
		1	74	22.70	21.79	22.20	21.94
		36	0	21.70	20.96	20.95	20.93
		36	18	21.70	20.83	20.80	20.84
		36	39	21.70	20.70	20.89	20.76
		75	0	21.70	20.90	20.82	20.94
	16QAM	1	0	21.70	21.40	21.19	21.33
		1	38	21.70	20.80	20.75	20.81
		1	74	21.70	20.68	20.78	20.82
		36	0	21.70	19.89	19.97	19.83
		36	18	21.70	19.77	19.80	19.74
		36	39	21.70	19.71	19.82	19.78
		75	0	21.70	19.86	19.87	19.90
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26140CH	Channel 26365CH	Channel 26590CH
20MHz	QPSK	1	0	22.70	**22.45**	**22.49**	**22.51**
		1	50	22.70	21.58	21.66	21.69
		1	99	22.70	21.77	21.81	21.90
		50	0	21.70	**21.05**	**21.15**	**21.21**
		50	25	21.70	20.82	20.77	20.82
		50	50	21.70	20.70	20.80	20.81
		100	0	21.70	20.95	20.95	**21.02**
	16QAM	1	0	21.70	21.96	21.83	21.92
		1	50	21.70	21.13	21.17	21.07
		1	99	21.70	21.32	21.30	21.17
		50	0	21.70	20.14	20.18	20.21
		50	25	21.70	19.84	19.88	19.82
		50	50	21.70	19.79	19.89	19.85
		100	0	21.70	19.97	19.95	20.03

Table 94: Conducted power measurement results of LTE Band XXV

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26047CH	Channel 26365CH	Channel 26683CH
1.4MHz	QPSK	1	0	21.00	19.16	19.09	19.14
		1	3	21.00	19.37	19.32	19.35
		1	5	21.00	19.21	19.15	19.13
		3	0	21.00	19.14	19.07	19.07
		3	2	21.00	19.46	19.20	19.20
		3	3	21.00	19.18	19.13	19.04
		6	0	21.00	19.15	19.27	19.08
	16QAM	1	0	21.00	19.02	19.05	19.17
		1	3	21.00	19.43	19.51	19.48
		1	5	21.00	19.05	19.24	19.21
		3	0	21.00	19.19	19.20	19.09
		3	2	21.00	19.27	19.20	19.23
		3	3	21.00	19.09	19.00	19.02
		6	0	21.00	19.11	19.18	19.01
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26055CH	Channel 26365CH	Channel 26675CH
3MHz	QPSK	1	0	21.00	19.21	19.20	19.21
		1	7	21.00	19.41	19.29	19.24
		1	14	21.00	19.25	19.35	19.26
		8	0	21.00	19.32	19.09	19.14
		8	4	21.00	19.50	19.12	19.17
		8	7	21.00	19.19	19.26	19.09
		15	0	21.00	19.05	19.17	19.38
	16QAM	1	0	21.00	19.07	19.36	19.15
		1	7	21.00	19.40	19.49	19.17
		1	14	21.00	19.18	19.37	19.24
		8	0	21.00	19.36	19.18	19.36
		8	4	21.00	19.59	19.42	19.18
		8	7	21.00	19.37	19.19	19.38
		15	0	21.00	19.24	19.29	19.04

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26065CH	Channel 26365CH	Channel 26665CH
5MHz	QPSK	1	0	21.00	19.25	19.23	19.18
		1	13	21.00	19.45	19.31	19.27
		1	24	21.00	19.26	19.37	19.29
		12	0	21.00	19.16	19.10	19.36
		12	6	21.00	19.59	19.14	19.29
		12	13	21.00	19.15	19.42	19.42
		25	0	21.00	19.36	19.15	19.19
	16QAM	1	0	21.00	19.45	19.42	19.00
		1	13	21.00	19.45	19.46	19.41
		1	24	21.00	19.41	19.31	19.30
		12	0	21.00	19.09	19.12	19.21
		12	6	21.00	19.56	19.22	19.38
		12	13	21.00	19.10	19.41	19.29
		25	0	21.00	19.37	19.12	19.19
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26090CH	Channel 26365CH	Channel 26640CH
10MHz	QPSK	1	0	21.00	20.04	19.74	20.01
		1	25	21.00	19.15	19.19	19.39
		1	49	21.00	19.14	19.31	19.61
		25	0	21.00	20.07	19.81	20.13
		25	13	21.00	19.14	19.01	19.21
		25	25	21.00	19.13	19.25	19.75
		50	0	21.00	20.03	19.66	20.03
	16QAM	1	0	21.00	20.15	19.64	19.88
		1	25	21.00	19.22	19.06	19.20
		1	49	21.00	19.30	19.44	19.47
		25	0	21.00	19.93	19.86	19.95
		25	13	21.00	19.18	19.16	19.49
		25	25	21.00	19.24	19.37	19.70
		50	0	21.00	19.85	19.62	19.99

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26115CH	Channel 26365CH	Channel 26615CH
15MHz	QPSK	1	0	21.00	20.11	19.89	20.21
		1	38	21.00	19.19	19.16	19.31
		1	74	21.00	19.65	19.33	19.64
		36	0	21.00	19.98	19.93	20.19
		36	18	21.00	19.24	19.20	19.13
		36	39	21.00	19.69	19.13	19.69
		75	0	21.00	19.84	19.42	19.84
	16QAM	1	0	21.00	20.03	19.94	20.16
		1	38	21.00	19.22	19.10	19.11
		1	74	21.00	19.84	19.31	19.58
		36	0	21.00	20.09	19.71	20.26
		36	18	21.00	19.31	19.23	19.21
		36	39	21.00	19.45	19.40	19.76
		75	0	21.00	19.30	19.00	19.34
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26140CH	Channel 26365CH	Channel 26590CH
20MHz	QPSK	1	0	21.00	20.32	19.89	20.26
		1	50	21.00	19.15	19.12	19.34
		1	99	21.00	19.75	19.34	19.74
		50	0	21.00	20.51	19.83	20.16
		50	25	21.00	19.17	19.17	19.45
		50	50	21.00	19.71	19.15	19.74
		100	0	21.00	20.35	19.98	20.23
	16QAM	1	0	21.00	20.44	19.96	20.44
		1	50	21.00	19.32	19.30	19.35
		1	99	21.00	19.77	19.52	19.70
		50	0	21.00	20.37	20.01	20.12
		50	25	21.00	19.28	19.01	19.16
		50	50	21.00	19.91	19.47	19.80
		100	0	21.00	19.25	19.19	19.24

Table 95: Conducted power measurement results of LTE Band XXV

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26047CH	Channel 26365CH	Channel 26683CH
1.4MHz	QPSK	1	0	20.00	18.90	18.79	18.67
		1	3	20.00	18.84	18.80	18.65
		1	5	20.00	18.81	18.64	18.70
		3	0	20.00	18.63	18.54	18.41
		3	2	20.00	18.71	18.63	18.48
		3	3	20.00	18.69	18.54	18.51
		6	0	20.00	18.80	18.59	18.59
	16QAM	1	0	20.00	19.08	18.95	18.70
		1	3	20.00	19.05	18.80	18.95
		1	5	20.00	19.07	18.93	18.99
		3	0	20.00	18.75	18.67	18.55
		3	2	20.00	18.73	18.62	18.49
		3	3	20.00	18.75	18.59	18.59
		6	0	20.00	18.89	18.71	18.67
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26055CH	Channel 26365CH	Channel 26675CH
3MHz	QPSK	1	0	20.00	19.06	18.92	18.93
		1	7	20.00	18.90	18.88	18.86
		1	14	20.00	18.99	18.94	18.98
		8	0	20.00	18.82	18.69	18.66
		8	4	20.00	18.88	18.62	18.59
		8	7	20.00	18.76	18.60	18.54
		15	0	20.00	18.84	18.63	18.66
	16QAM	1	0	20.00	18.87	18.64	18.75
		1	7	20.00	18.95	18.61	18.69
		1	14	20.00	18.79	18.52	18.60
		8	0	20.00	18.82	18.66	18.58
		8	4	20.00	18.84	18.57	18.57
		8	7	20.00	18.76	18.60	18.64
		15	0	20.00	18.92	18.60	18.65

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26065CH	Channel 26365CH	Channel 26665CH
5MHz	QPSK	1	0	20.00	19.00	18.83	18.79
		1	13	20.00	19.01	18.81	18.71
		1	24	20.00	18.91	18.83	18.72
		12	0	20.00	18.75	18.69	18.60
		12	6	20.00	18.74	18.60	18.65
		12	13	20.00	18.79	18.54	18.58
		25	0	20.00	18.81	18.60	18.55
	16QAM	1	0	20.00	18.91	18.72	18.62
		1	13	20.00	18.91	18.59	18.62
		1	24	20.00	18.71	18.63	18.56
		12	0	20.00	18.88	18.68	18.60
		12	6	20.00	18.70	18.56	18.58
		12	13	20.00	18.78	18.59	18.65
		25	0	20.00	18.84	18.58	18.56
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26090CH	Channel 26365CH	Channel 26640CH
10MHz	QPSK	1	0	20.00	19.07	19.01	18.97
		1	25	20.00	18.89	18.75	18.71
		1	49	20.00	18.74	18.83	18.63
		25	0	20.00	18.91	18.74	18.62
		25	13	20.00	18.77	18.60	18.60
		25	25	20.00	18.61	18.56	18.53
		50	0	20.00	18.81	18.72	18.62
	16QAM	1	0	20.00	19.25	19.16	19.01
		1	25	20.00	19.09	18.90	18.95
		1	49	20.00	19.04	18.93	18.74
		25	0	20.00	18.96	18.68	18.55
		25	13	20.00	18.81	18.54	18.64
		25	25	20.00	18.73	18.58	18.55
		50	0	20.00	18.74	18.64	18.56

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26115CH	Channel 26365CH	Channel 26615CH
15MHz	QPSK	1	0	20.00	19.56	19.48	19.34
		1	38	20.00	18.96	18.77	18.79
		1	74	20.00	19.15	18.98	18.99
		36	0	20.00	19.05	18.93	18.84
		36	18	20.00	18.87	18.73	18.85
		36	39	20.00	18.73	18.70	18.73
		75	0	20.00	18.93	18.88	18.80
	16QAM	1	0	20.00	19.09	19.03	19.20
		1	38	20.00	18.56	18.61	18.70
		1	74	20.00	18.75	18.60	18.69
		36	0	20.00	19.11	18.91	18.79
		36	18	20.00	18.85	18.76	18.76
		36	39	20.00	18.69	18.68	18.67
		75	0	20.00	18.95	18.89	18.79
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26140CH	Channel 26365CH	Channel 26590CH
20MHz	QPSK	1	0	20.00	**19.62**	**19.47**	**19.49**
		1	50	20.00	18.75	18.58	18.63
		1	99	20.00	18.91	18.76	18.86
		50	0	20.00	**19.14**	**19.11**	**18.99**
		50	25	20.00	18.87	18.87	18.83
		50	50	20.00	18.82	18.74	18.78
		100	0	20.00	**19.12**	18.98	18.89
	16QAM	1	0	20.00	19.99	19.98	19.95
		1	50	20.00	19.19	19.11	19.10
		1	99	20.00	19.31	19.19	19.26
		50	0	20.00	19.22	19.19	19.08
		50	25	20.00	18.99	18.90	18.87
		50	50	20.00	18.91	18.81	18.85
		100	0	20.00	19.11	18.98	18.93

Table 96: Conducted power measurement results of LTE Band XXV

7.1.26 Conducted power measurements of LTE Band XXVI (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26697CH	Channel 26865CH	Channel 27033CH
1.4MHz	QPSK	1	0	23.50	22.24	22.30	22.19
		1	3	23.50	22.24	22.29	22.16
		1	5	23.50	22.24	22.17	22.13
		3	0	23.50	22.03	22.05	21.97
		3	2	23.50	22.11	22.12	22.12
		3	3	23.50	22.11	22.07	22.03
		6	0	22.50	21.22	21.17	21.10
	16QAM	1	0	22.50	21.32	21.36	21.28
		1	3	22.50	21.47	21.40	21.46
		1	5	22.50	21.34	21.48	21.47
		3	0	22.50	21.11	21.14	21.10
		3	2	22.50	21.16	21.20	21.17
		3	3	22.50	21.15	21.15	21.17
		6	0	21.50	20.33	20.34	20.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26705CH	Channel 26865CH	Channel 27025CH
3MHz	QPSK	1	0	23.50	22.00	22.25	22.15
		1	7	23.50	22.16	22.27	22.14
		1	14	23.50	22.16	22.18	22.06
		8	0	22.50	21.14	21.18	21.09
		8	4	22.50	21.14	21.21	21.13
		8	7	22.50	21.17	21.11	21.11
		15	0	22.50	21.13	21.19	21.18
	16QAM	1	0	22.50	21.49	21.42	21.43
		1	7	22.50	21.38	21.40	21.44
		1	14	22.50	21.34	21.34	21.49
		8	0	21.50	20.22	20.24	20.11
		8	4	21.50	20.19	20.27	20.16
		8	7	21.50	20.24	20.11	20.24
		15	0	21.50	20.13	20.25	20.20

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26715CH	Channel 26865CH	Channel 27015CH
5MHz	QPSK	1	0	23.50	22.17	22.21	22.18
		1	13	23.50	22.32	22.33	22.31
		1	24	23.50	22.34	22.16	22.14
		12	0	22.50	21.16	21.05	21.02
		12	6	22.50	21.16	21.25	21.18
		12	13	22.50	21.18	21.03	21.14
		25	0	22.50	21.21	21.17	21.10
	16QAM	1	0	22.50	21.23	21.33	21.38
		1	13	22.50	21.45	21.43	21.40
		1	24	22.50	21.41	21.24	21.35
		12	0	21.50	20.25	20.19	20.16
		12	6	21.50	20.24	20.22	20.17
		12	13	21.50	20.23	20.11	20.24
		25	0	21.50	20.22	20.21	20.11
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26750CH	Channel 26865CH	Channel 26990CH
10MHz	QPSK	1	0	23.50	22.13	22.25	21.99
		1	25	23.50	22.22	22.18	22.02
		1	49	23.50	21.98	22.35	22.01
		25	0	22.50	21.20	21.20	21.11
		25	13	22.50	21.27	21.20	21.14
		25	25	22.50	21.09	21.07	21.06
		50	0	22.50	21.17	21.17	21.22
	16QAM	1	0	22.50	21.44	21.37	21.32
		1	25	22.50	21.38	21.30	21.13
		1	49	22.50	21.16	21.26	21.21
		25	0	21.50	20.19	20.16	20.15
		25	13	21.50	20.27	20.20	20.22
		25	25	21.50	20.09	20.09	20.04
		50	0	21.50	20.10	20.07	20.19

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26775CH	Channel 26865CH	Channel 26965CH
15MHz	QPSK	1	0	23.50	**22.17**	**22.33**	22.16
		1	38	23.50	22.09	22.15	22.19
		1	74	23.50	22.03	21.92	**22.24**
		36	0	22.50	21.12	21.15	21.12
		36	18	22.50	21.12	21.09	**21.17**
		36	39	22.50	21.05	21.04	21.13
		75	0	22.50	21.15	21.13	21.24
	16QAM	1	0	22.50	21.08	21.09	21.09
		1	38	22.50	21.02	21.06	20.95
		1	74	22.50	21.05	20.90	20.96
		36	0	21.50	20.13	20.12	20.05
		36	18	21.50	20.06	20.11	20.18
		36	39	21.50	20.02	20.02	20.08
		75	0	21.50	20.15	20.10	20.18

Table 97: Conducted power measurement results of LTE Band XXVI

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26697CH	Channel 26865CH	Channel 27033CH
1.4MHz	QPSK	1	0	23.50	22.24	22.30	22.19
		1	3	23.50	22.24	22.29	22.16
		1	5	23.50	22.24	22.17	22.13
		3	0	23.50	22.03	22.05	21.97
		3	2	23.50	22.11	22.12	22.12
		3	3	23.50	22.11	22.07	22.03
		6	0	22.50	21.22	21.17	21.10
	16QAM	1	0	22.50	21.32	21.36	21.28
		1	3	22.50	21.47	21.40	21.46
		1	5	22.50	21.34	21.48	21.47
		3	0	22.50	21.11	21.14	21.10
		3	2	22.50	21.16	21.20	21.17
		3	3	22.50	21.15	21.15	21.17
		6	0	21.50	20.33	20.34	20.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26705CH	Channel 26865CH	Channel 27025CH
3MHz	QPSK	1	0	23.50	22.00	22.25	22.15
		1	7	23.50	22.16	22.27	22.14
		1	14	23.50	22.16	22.18	22.06
		8	0	22.50	21.14	21.18	21.09
		8	4	22.50	21.14	21.21	21.13
		8	7	22.50	21.17	21.11	21.11
		15	0	22.50	21.13	21.19	21.18
	16QAM	1	0	22.50	21.49	21.42	21.43
		1	7	22.50	21.38	21.40	21.44
		1	14	22.50	21.34	21.34	21.49
		8	0	21.50	20.22	20.24	20.11
		8	4	21.50	20.19	20.27	20.16
		8	7	21.50	20.24	20.11	20.24
		15	0	21.50	20.13	20.25	20.20

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					26715CH	26865CH	27015CH
5MHz	QPSK	1	0	23.50	22.17	22.21	22.18
		1	13	23.50	22.32	22.33	22.31
		1	24	23.50	22.34	22.16	22.14
		12	0	22.50	21.16	21.05	21.02
		12	6	22.50	21.16	21.25	21.18
		12	13	22.50	21.18	21.03	21.14
		25	0	22.50	21.21	21.17	21.10
	16QAM	1	0	22.50	21.23	21.33	21.38
		1	13	22.50	21.45	21.43	21.40
		1	24	22.50	21.41	21.24	21.35
		12	0	21.50	20.25	20.19	20.16
		12	6	21.50	20.24	20.22	20.17
		12	13	21.50	20.23	20.11	20.24
		25	0	21.50	20.22	20.21	20.11
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					26750CH	26865CH	26990CH
10MHz	QPSK	1	0	23.50	22.13	22.25	21.99
		1	25	23.50	22.22	22.18	22.02
		1	49	23.50	21.98	22.35	22.01
		25	0	22.50	21.20	21.20	21.11
		25	13	22.50	21.27	21.20	21.14
		25	25	22.50	21.09	21.07	21.06
		50	0	22.50	21.17	21.17	21.22
	16QAM	1	0	22.50	21.44	21.37	21.32
		1	25	22.50	21.38	21.30	21.13
		1	49	22.50	21.16	21.26	21.21
		25	0	21.50	20.19	20.16	20.15
		25	13	21.50	20.27	20.20	20.22
		25	25	21.50	20.09	20.09	20.04
		50	0	21.50	20.10	20.07	20.19

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26775CH	Channel 26865CH	Channel 26965CH
15MHz	QPSK	1	0	23.50	**22.17**	**22.33**	22.16
		1	38	23.50	22.09	22.15	22.19
		1	74	23.50	22.03	21.92	**22.24**
		36	0	22.50	21.12	21.15	21.12
		36	18	22.50	21.12	21.09	**21.17**
		36	39	22.50	21.05	21.04	21.13
		75	0	22.50	21.15	21.13	21.24
	16QAM	1	0	22.50	21.08	21.09	21.09
		1	38	22.50	21.02	21.06	20.95
		1	74	22.50	21.05	20.90	20.96
		36	0	21.50	20.13	20.12	20.05
		36	18	21.50	20.06	20.11	20.18
		36	39	21.50	20.02	20.02	20.08
		75	0	21.50	20.15	20.10	20.18

Table 98: Conducted power measurement results of LTE Band XXVI

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26697CH	Channel 26865CH	Channel 27033CH
1.4MHz	QPSK	1	0	22.50	21.04	21.09	21.18
		1	3	22.50	21.11	21.05	21.23
		1	5	22.50	21.06	21.10	21.14
		3	0	22.50	20.89	20.87	20.97
		3	2	22.50	20.99	20.94	21.08
		3	3	22.50	20.92	20.86	21.02
		6	0	21.50	20.99	20.94	21.02
	16QAM	1	0	21.50	21.11	21.03	21.23
		1	3	21.50	21.17	21.06	21.20
		1	5	21.50	21.35	21.27	21.43
		3	0	21.50	20.97	20.95	20.97
		3	2	21.50	21.01	20.96	21.08
		3	3	21.50	20.98	20.92	21.04
		6	0	20.50	20.31	20.20	20.39
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26705CH	Channel 26865CH	Channel 27025CH
3MHz	QPSK	1	0	22.50	21.14	21.12	20.99
		1	7	22.50	21.04	21.00	21.00
		1	14	22.50	21.23	21.15	21.02
		8	0	21.50	21.10	20.94	20.94
		8	4	21.50	21.18	20.98	21.06
		8	7	21.50	21.15	21.06	21.02
		15	0	21.50	21.09	21.02	21.06
	16QAM	1	0	21.50	21.32	21.16	21.37
		1	7	21.50	21.36	21.13	21.40
		1	14	21.50	21.25	21.18	21.36
		8	0	20.50	20.26	20.27	20.26
		8	4	20.50	20.30	20.22	20.33
		8	7	20.50	20.32	20.32	20.36
		15	0	20.50	20.30	20.33	20.27

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					26715CH	26865CH	27015CH
5MHz	QPSK	1	0	22.50	21.19	21.02	21.05
		1	13	22.50	21.20	21.08	21.18
		1	24	22.50	21.10	21.04	21.07
		12	0	21.50	21.00	20.79	20.92
		12	6	21.50	21.05	21.05	21.09
		12	13	21.50	20.97	20.89	21.00
		25	0	21.50	21.12	20.91	21.03
	16QAM	1	0	21.50	21.11	21.05	21.28
		1	13	21.50	21.39	21.21	21.31
		1	24	21.50	21.15	21.09	21.25
		12	0	20.50	20.34	20.15	20.35
		12	6	20.50	20.32	20.32	20.32
		12	13	20.50	20.33	20.23	20.32
		25	0	20.50	20.33	20.15	20.24
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					26750CH	26865CH	26990CH
10MHz	QPSK	1	0	22.50	21.10	20.94	21.11
		1	25	22.50	21.07	20.99	20.96
		1	49	22.50	21.04	21.17	21.04
		25	0	21.50	21.08	20.97	21.06
		25	13	21.50	21.10	20.92	21.04
		25	25	21.50	21.03	20.97	20.95
		50	0	21.50	21.11	20.96	21.14
	16QAM	1	0	21.50	21.22	21.18	21.16
		1	25	21.50	21.00	20.89	20.95
		1	49	21.50	21.10	21.21	21.22
		25	0	20.50	20.30	20.20	20.28
		25	13	20.50	20.35	20.20	20.28
		25	25	20.50	20.24	20.20	20.14
		50	0	20.50	20.32	20.09	20.35

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 26775CH	Channel 26865CH	Channel 26965CH
15MHz	QPSK	1	0	22.50	**21.19**	21.08	21.00
		1	38	22.50	21.01	20.98	20.98
		1	74	22.50	20.98	21.04	20.99
		36	0	21.50	21.13	21.09	21.10
		36	18	21.50	**21.15**	21.06	21.09
		36	39	21.50	21.01	20.94	21.13
		75	0	21.50	21.06	21.05	21.17
	16QAM	1	0	21.50	21.10	20.94	20.98
		1	38	21.50	20.94	20.86	20.87
		1	74	21.50	20.93	20.92	20.93
		36	0	20.50	20.35	20.29	20.31
		36	18	20.50	20.32	20.28	20.33
		36	39	20.50	20.20	20.14	20.31
		75	0	20.50	20.28	20.24	20.43

Table 99: Conducted power measurement results of LTE Band XXVI

7.1.27 Conducted power measurements of LTE Band XXX (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					27685CH	27710CH	27735CH
5MHz	QPSK	1	0	22.70	21.79	21.70	21.72
		1	13	22.70	21.72	21.84	21.85
		1	24	22.70	21.64	21.61	21.62
		12	0	21.70	20.63	20.61	20.60
		12	6	21.70	20.68	20.66	20.71
		12	13	21.70	20.67	20.54	20.52
		25	0	21.70	20.68	20.70	20.71
	16QAM	1	0	21.70	20.90	20.75	20.78
		1	13	21.70	20.53	20.93	20.97
		1	24	21.70	20.82	20.76	20.79
		12	0	20.70	20.64	19.68	19.72
		12	6	20.70	20.64	19.67	19.69
		12	13	20.70	20.68	19.62	19.62
		25	0	20.70	19.65	19.64	19.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					/	27710CH	/
10MHz	QPSK	1	0	22.70	/	21.73	/
		1	25	22.70	/	**21.78**	/
		1	49	22.70	/	21.46	/
		25	0	21.70	/	**20.77**	/
		25	13	21.70	/	20.64	/
		25	25	21.70	/	20.54	/
		50	0	21.70	/	**20.63**	/
	16QAM	1	0	21.70	/	20.89	/
		1	25	21.70	/	20.60	/
		1	49	21.70	/	20.53	/
		25	0	20.70	/	19.68	/
		25	13	20.70	/	19.67	/
		25	25	20.70	/	19.51	/
		50	0	20.70	/	19.52	/

Table 100: Conducted power measurement results of LTE Band XXX

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					27685CH	27710CH	27735CH
5MHz	QPSK	1	0	21.00	20.03	19.91	19.95
		1	13	21.00	19.78	19.74	19.89
		1	24	21.00	19.88	19.61	19.67
		12	0	21.00	20.11	19.93	20.02
		12	6	21.00	19.73	19.56	19.73
		12	13	21.00	19.98	19.79	19.51
		25	0	21.00	19.87	20.11	20.08
	16QAM	1	0	21.00	19.92	19.94	19.76
		1	13	21.00	19.92	19.72	19.86
		1	24	21.00	19.73	19.51	19.58
		12	0	21.00	19.93	19.91	20.06
		12	6	21.00	19.65	19.93	19.93
		12	13	21.00	19.75	19.55	19.71
		25	0	21.00	19.74	19.44	19.84
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					/	27710CH	/
10MHz	QPSK	1	0	21.00	/	20.01	/
		1	25	21.00	/	**20.09**	/
		1	49	21.00	/	19.74	/
		25	0	21.00	/	20.10	/
		25	13	21.00	/	20.08	/
		25	25	21.00	/	19.90	/
		50	0	21.00	/	20.03	/
	16QAM	1	0	21.00	/	20.02	/
		1	25	21.00	/	19.72	/
		1	49	21.00	/	20.06	/
		25	0	21.00	/	20.14	/
		25	13	21.00	/	19.82	/
		25	25	21.00	/	20.19	/
		50	0	21.00	/	20.18	/

Table 101: Conducted power measurement results of LTE Band XXX

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					27685CH	27710CH	27735CH
5MHz	QPSK	1	0	20.00	19.49	19.50	19.54
		1	13	20.00	19.78	19.61	19.62
		1	24	20.00	19.50	19.36	19.31
		12	0	20.00	19.45	19.39	19.39
		12	6	20.00	19.37	19.36	19.40
		12	13	20.00	19.46	19.30	19.31
		25	0	20.00	19.48	19.42	19.42
	16QAM	1	0	20.00	19.73	19.65	19.63
		1	13	20.00	19.46	19.72	19.72
		1	24	20.00	19.39	19.48	19.44
		12	0	20.00	19.57	19.56	19.58
		12	6	20.00	19.52	19.52	19.56
		12	13	20.00	19.60	19.45	19.47
		25	0	20.00	19.54	19.48	19.48
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					/	27710CH	/
10MHz	QPSK	1	0	20.00	/	**19.72**	/
		1	25	20.00	/	19.55	/
		1	49	20.00	/	19.39	/
		25	0	20.00	/	19.49	/
		25	13	20.00	/	**19.52**	/
		25	25	20.00	/	19.32	/
		50	0	20.00	/	**19.49**	/
	16QAM	1	0	20.00	/	19.71	/
		1	25	20.00	/	19.40	/
		1	49	20.00	/	19.28	/
		25	0	20.00	/	19.56	/
		25	13	20.00	/	19.55	/
		25	25	20.00	/	19.37	/
		50	0	20.00	/	19.45	/

Table 102: Conducted power measurement results of LTE Band XXX

7.1.28 Conducted power measurements of LTE Band XLI (Main Antenna)

Full Power:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39675CH	Channel 40148CH	Channel 40620CH	Channel 41093CH	Channel 41565CH
5MHz	QPSK	1	0	22.70	21.75	21.60	22.07	21.84	21.81
		1	13	22.70	21.85	21.70	22.13	22.24	21.81
		1	24	22.70	21.66	21.28	21.97	21.76	21.62
		12	0	21.70	21.04	20.75	21.29	21.14	21.01
		12	6	21.70	21.06	21.30	21.30	21.52	21.13
		12	13	21.70	20.93	20.50	21.19	20.96	21.05
		25	0	21.70	21.04	20.86	21.29	21.20	21.08
	16QAM	1	0	21.70	21.20	20.25	21.38	20.70	21.12
		1	13	21.70	21.16	20.30	21.35	20.96	21.13
		1	24	21.70	21.01	19.30	21.18	20.65	20.97
		12	0	20.70	20.11	20.25	20.22	20.54	20.08
		12	6	20.70	20.10	20.26	20.28	20.71	20.06
		12	13	20.70	20.06	19.95	20.28	20.38	19.95
		25	0	20.70	20.02	19.83	20.23	20.18	20.07
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39700CH	Channel 40160CH	Channel 40620CH	Channel 41080CH	Channel 41540CH
10MHz	QPSK	1	0	22.70	21.69	21.56	22.04	21.82	21.80
		1	25	22.70	21.81	21.65	22.07	22.19	21.88
		1	49	22.70	21.66	21.14	21.69	21.68	21.47
		25	0	21.70	21.10	20.75	21.22	21.14	21.15
		25	13	21.70	21.09	21.25	21.16	21.47	21.08
		25	25	21.70	20.92	20.54	21.28	21.00	20.94
		50	0	21.70	20.99	20.79	21.19	21.13	21.02
	16QAM	1	0	21.70	21.26	20.35	21.51	20.80	21.26
		1	25	21.70	21.14	20.38	21.54	20.95	21.17
		1	49	21.70	21.30	19.54	21.38	20.79	21.07
		25	0	20.70	20.06	20.30	20.37	20.49	20.17
		25	13	20.70	20.05	20.24	20.30	20.59	20.03
		25	25	20.70	20.07	19.89	20.14	20.32	19.92
		50	0	20.70	20.10	19.84	20.16	20.18	20.07

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39725CH	Channel 40173CH	Channel 40620CH	Channel 41068CH	Channel 41515CH
15MHz	QPSK	1	0	22.70	21.73	21.67	21.89	21.96	21.85
		1	38	22.70	21.68	21.92	21.93	22.33	22.33
		1	74	22.70	21.40	21.41	21.68	21.85	21.25
		36	0	21.70	20.95	20.99	21.15	21.31	21.14
		36	18	21.70	21.03	21.19	21.28	21.41	21.10
		36	39	21.70	20.80	20.88	21.08	21.32	20.81
		75	0	21.70	20.86	20.94	21.20	21.25	21.02
	16QAM	1	0	21.70	20.94	20.93	21.25	21.38	21.10
		1	38	21.70	20.96	20.86	21.27	21.40	21.10
		1	74	21.70	20.66	20.69	20.93	21.27	20.58
		36	0	20.70	20.01	20.34	20.38	20.57	20.16
		36	18	20.70	20.03	20.22	20.35	20.56	20.05
		36	39	20.70	19.87	20.05	20.20	20.39	19.90
		75	0	20.70	19.92	20.03	20.15	20.26	20.13
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39750CH	Channel 40185CH	Channel 40620CH	Channel 41055CH	Channel 41490CH
20MHz	QPSK	1	0	22.70	**21.70**	21.72	21.97	22.01	**21.93**
		1	50	22.70	21.42	**21.76**	**22.03**	**22.26**	21.56
		1	99	22.70	21.32	21.23	21.58	21.67	21.32
		50	0	21.70	21.01	21.13	21.23	**21.39**	21.16
		50	25	21.70	20.98	21.12	21.26	21.38	21.23
		50	50	21.70	20.77	20.80	21.03	21.24	20.84
		100	0	21.70	20.95	21.01	21.18	21.33	20.97
	16QAM	1	0	21.70	21.12	21.08	21.22	21.50	21.17
		1	50	21.70	21.19	21.24	21.42	21.68	21.15
		1	99	21.70	20.66	20.59	20.83	21.15	20.46
		50	0	20.70	20.02	20.16	20.19	20.42	20.09
		50	25	20.70	20.01	20.11	20.26	20.45	20.13
		50	50	20.70	19.83	19.88	20.07	20.25	19.83
		100	0	20.70	19.96	20.06	20.14	20.31	20.06

Table 103: Conducted power measurement results of LTE Band XLI

Main antenna(Voice) + WiFi station:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39675CH	Channel 40148CH	Channel 40620CH	Channel 41093CH	Channel 41565CH
5MHz	QPSK	1	0	21.00	19.66	19.85	19.75	19.58	19.71
		1	13	21.00	19.99	19.83	19.85	19.80	19.70
		1	24	21.00	19.61	19.70	19.65	19.47	19.63
		12	0	21.00	19.97	19.87	19.81	19.71	19.67
		12	6	21.00	20.16	20.02	20.00	20.15	20.13
		12	13	21.00	19.80	19.66	19.80	19.83	19.85
		25	0	21.00	19.69	19.84	19.72	19.64	19.60
	16QAM	1	0	21.00	19.99	19.85	19.85	20.05	19.81
		1	13	21.00	19.71	19.65	19.81	19.84	19.67
		1	24	21.00	19.50	19.49	19.55	19.37	19.55
		12	0	21.00	19.81	19.80	19.77	19.89	19.87
		12	6	21.00	19.78	20.04	19.90	19.90	19.92
		12	13	21.00	19.57	19.48	19.38	19.53	19.21
		25	0	21.00	19.73	19.74	19.57	19.50	19.59
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39700CH	Channel 40160CH	Channel 40620CH	Channel 41080CH	Channel 41540CH
10MHz	QPSK	1	0	21.00	19.90	19.86	19.75	19.79	19.71
		1	25	21.00	19.67	19.71	19.66	19.69	19.77
		1	49	21.00	19.66	19.38	19.53	19.43	19.66
		25	0	21.00	19.87	19.95	19.83	19.94	19.94
		25	13	21.00	19.57	19.77	19.74	19.66	19.71
		25	25	21.00	19.57	19.35	19.48	19.45	19.63
		50	0	21.00	19.66	19.47	19.46	19.50	19.59
	16QAM	1	0	21.00	19.57	19.78	19.62	19.69	19.48
		1	25	21.00	19.83	19.78	19.74	19.67	19.69
		1	49	21.00	19.79	19.54	19.61	19.79	19.51
		25	0	21.00	19.59	19.61	19.63	19.71	19.81
		25	13	21.00	19.69	19.61	19.58	19.51	19.42
		25	25	21.00	19.47	19.74	19.59	19.61	19.71
		50	0	21.00	19.94	20.01	19.87	20.06	20.05

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39725CH	Channel 40173CH	Channel 40620CH	Channel 41068CH	Channel 41515CH
15MHz	QPSK	1	0	21.00	19.80	19.55	19.69	19.64	19.75
		1	38	21.00	19.90	19.91	19.75	19.63	19.86
		1	74	21.00	19.55	19.60	19.48	19.37	19.62
		36	0	21.00	19.68	19.59	19.57	19.52	19.44
		36	18	21.00	19.76	19.77	19.76	19.63	19.71
		36	39	21.00	19.40	19.48	19.59	19.54	19.59
		75	0	21.00	19.46	19.51	19.58	19.56	19.52
	16QAM	1	0	21.00	19.81	19.89	19.81	19.75	19.94
		1	38	21.00	19.67	19.93	19.85	19.75	19.95
		1	74	21.00	19.39	19.67	19.51	19.47	19.35
		36	0	21.00	19.61	19.53	19.60	19.62	19.50
		36	18	21.00	19.90	19.96	19.85	19.75	19.89
		36	39	21.00	19.70	19.60	19.55	19.53	19.62
		75	0	21.00	19.21	19.54	19.35	19.34	19.46
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39750CH	Channel 40185CH	Channel 40620CH	Channel 41055CH	Channel 41490CH
20MHz	QPSK	1	0	21.00	19.55	19.72	19.73	19.87	19.59
		1	50	21.00	19.47	19.58	19.64	19.66	19.69
		1	99	21.00	19.36	19.25	19.39	19.39	19.52
		50	0	21.00	19.34	19.59	19.53	19.72	19.59
		50	25	21.00	19.36	19.50	19.48	19.52	19.55
		50	50	21.00	19.37	19.19	19.28	19.20	19.36
		100	0	21.00	19.54	19.40	19.49	19.55	19.31
	16QAM	1	0	21.00	19.66	19.84	19.72	19.92	19.72
		1	50	21.00	19.68	19.49	19.59	19.70	19.69
		1	99	21.00	19.20	19.21	19.34	19.37	19.43
		50	0	21.00	19.84	19.80	19.84	19.68	19.77
		50	25	21.00	19.50	19.74	19.68	19.80	19.57
		50	50	21.00	19.47	19.52	19.41	19.48	19.47
		100	0	21.00	19.26	19.36	19.23	19.27	19.43

Table 104: Conducted power measurement results of LTE Band XLI

Main antenna + WiFi Hotspot:

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39675CH	Channel 40148CH	Channel 40620CH	Channel 41093CH	Channel 41565CH
5MHz	QPSK	1	0	20.00	18.51	18.62	18.48	18.22	18.28
		1	13	20.00	18.52	18.72	18.54	18.32	18.32
		1	24	20.00	18.33	18.42	18.33	18.16	18.27
		12	0	20.00	18.57	18.69	18.62	18.48	18.50
		12	6	20.00	18.75	18.74	18.63	18.48	18.52
		12	13	20.00	18.57	18.58	18.60	18.36	18.37
		25	0	20.00	18.67	18.70	18.58	18.44	18.40
	16QAM	1	0	20.00	18.61	18.74	18.68	18.41	18.50
		1	13	20.00	18.54	18.68	18.68	18.43	18.36
		1	24	20.00	18.44	18.50	18.47	18.24	18.31
		12	0	20.00	18.67	18.79	18.55	18.54	18.50
		12	6	20.00	18.70	18.79	18.63	18.48	18.50
		12	13	20.00	18.59	18.74	18.57	18.39	18.43
		25	0	20.00	18.67	18.78	18.59	18.57	18.51
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39700CH	Channel 40160CH	Channel 40620CH	Channel 41080CH	Channel 41540CH
10MHz	QPSK	1	0	20.00	18.47	18.49	18.52	18.31	18.34
		1	25	20.00	18.46	18.49	18.47	18.37	18.33
		1	49	20.00	18.38	18.42	18.32	18.15	18.07
		25	0	20.00	18.69	18.75	18.73	18.53	18.60
		25	13	20.00	18.73	18.82	18.74	18.55	18.67
		25	25	20.00	18.53	18.64	18.63	18.38	18.44
		50	0	20.00	18.61	18.74	18.67	18.40	18.52
	16QAM	1	0	20.00	18.56	18.65	18.54	18.33	18.39
		1	25	20.00	18.68	18.71	18.62	18.39	18.39
		1	49	20.00	18.49	18.50	18.40	18.18	18.18
		25	0	20.00	18.77	18.79	18.77	18.48	18.56
		25	13	20.00	18.78	18.80	18.69	18.52	18.49
		25	25	20.00	18.65	18.69	18.48	18.44	18.42
		50	0	20.00	18.70	18.74	18.56	18.38	18.50

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39725CH	Channel 40173CH	Channel 40620CH	Channel 41068CH	Channel 41515CH
15MHz	QPSK	1	0	20.00	18.72	18.59	18.61	18.31	18.40
		1	38	20.00	18.66	18.55	18.47	18.28	18.32
		1	74	20.00	18.22	18.30	18.17	18.02	17.91
		36	0	20.00	18.85	18.86	18.69	18.71	18.58
		36	18	20.00	18.73	18.87	18.71	18.59	18.53
		36	39	20.00	18.51	18.68	18.41	18.41	18.32
		75	0	20.00	18.59	18.59	18.59	18.46	18.52
	16QAM	1	0	20.00	18.65	18.43	18.48	18.18	18.31
		1	38	20.00	18.53	18.49	18.55	18.24	18.16
		1	74	20.00	18.10	18.05	18.09	18.12	18.16
		36	0	20.00	18.78	18.83	18.69	18.67	18.57
		36	18	20.00	18.77	18.81	18.73	18.61	18.54
		36	39	20.00	18.57	18.64	18.53	18.42	18.32
		75	0	20.00	18.63	18.77	18.58	18.52	18.55
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 39750CH	Channel 40185CH	Channel 40620CH	Channel 41055CH	Channel 41490CH
20MHz	QPSK	1	0	20.00	**18.51**	18.45	**18.48**	18.25	18.18
		1	50	20.00	18.36	**18.59**	18.45	**18.30**	**18.34**
		1	99	20.00	18.10	18.08	18.06	18.10	18.03
		50	0	20.00	18.88	18.70	18.59	18.42	18.60
		50	25	20.00	18.73	**18.89**	18.73	18.65	18.52
		50	50	20.00	18.49	18.61	18.47	18.40	18.30
		100	0	20.00	**18.74**	18.73	18.65	18.53	18.41
	16QAM	1	0	20.00	18.73	18.72	18.66	18.42	18.34
		1	50	20.00	18.70	18.81	18.62	18.52	18.37
		1	99	20.00	18.28	18.24	18.12	18.03	18.12
		50	0	20.00	18.78	18.90	18.72	18.56	18.50
		50	25	20.00	18.79	18.74	18.77	18.62	18.54
		50	50	20.00	18.51	18.49	18.50	18.35	18.32
		100	0	20.00	18.67	18.67	18.62	18.53	18.50

Table 105: Conducted power measurement results of LTE Band XLI

7.1.29 Conducted power measurements of Downlink LTE CA

In this section, the following conducted power measurement results of downlink LTE carrier aggregation are provided to quantify downlink only carrier aggregation SAR test exclusion per KDB 941225 D05A v01r01.

Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

Power test equipment: a R&S Radio Communication Tester CMW500 was used.

Initial Conditions						
Test Environment as specified in TS 36.508[7] subclause 4.1				NC[, TL/VL, TL/VH, TH/VL, TH/VH]		
Test Frequencies as specified in TS36.508 [7] subclause 4.3.1 for different CA bandwidth classes.				A: Mid range for PCC and SCC		
Test CC Combination setting (N_{RB_agg}) as specified in subclause 5.4.2A.1 for the CA Configuration				Lowest N_{RB_agg} Highest N_{RB_agg}		
Test Parameters for CA Configurations						
CA Configuration / N_{RB_agg}		DL Allocation	CC MOD	UL Allocation		
PCC N_{RB}	SCCs N_{RB}	PCC & SCC RB allocation		N_{RB_alloc}	PCC RB allocations (L_{CRB} @ RB_{start})	
6	25	N/A for this test	QPSK	5	P_5@0	-
15	25		QPSK	4	P_4@0	-
25	50		QPSK	8	P_8@0	-
50	75		QPSK	12	P_12@0	-
75	100		QPSK	16	P_16@0	-
100	75		QPSK	18	P_18@0	-
Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-1						

Table 106: Conducted power measurement setup of LTE CA per 3GPP TS 36.521-1 V12.6.0

A) The conducted power measurement results of downlink LTE CA Conduted Power are as below(Main antenna):

DL LTE CA Class	PCC								SCC			Power	
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_41C	LTE B41	15	1	38	75	0	41515	41515	LTE B41	15	41365	22.33	22.36
CA_2A-2A	LTE B2	10	1	0	50	0	19150	1150	LTE B2	20	700	22.58	22.62
CA_4A-4A	LTE B4	10	1	0	50	0	20350	2350	LTE B4	10	2000	22.68	22.69
CA_41A-41A	LTE B41	15	1	38	75	0	41515	41515	LTE B41	20	39750	22.33	22.35
CA_2A-4A	LTE B2	10	1	0	50	0	19150	1150	LTE B4	10	2350	22.58	22.60
	LTE B4	10	1	0	50	0	20350	2350	LTE B2	10	1150	22.68	22.72
CA_2A-5A	LTE B2	10	1	0	50	0	19150	1150	LTE B5	10	2600	22.58	22.59
	LTE B5	10	1	0	50	0	20600	2600	LTE B2	10	1150	22.40	22.45
CA_2A-12A	LTE B2	10	1	0	50	0	19150	1150	LTE B12	10	5130	22.58	22.61
	LTE B12	10	1	49	50	0	23130	5130	LTE B2	10	1150	22.55	22.58
CA_2A-13A	LTE B2	10	1	0	50	0	19150	1150	LTE B13	10	5230	22.58	22.63
	LTE B13	10	1	49	50	0	23230	5230	LTE B2	10	1150	22.36	22.42
CA_2A-17A	LTE B2	10	1	0	50	0	19150	1150	LTE B17	10	5790	22.58	22.63
	LTE B17	10	1	49	50	0	23790	5790	LTE B2	10	1150	22.38	22.43
CA_2A-29A	LTE B2	10	1	0	50	0	19150	1150	LTE B29	10	9720	22.58	22.55
CA_4A-5A	LTE B4	10	1	0	50	0	20350	2350	LTE B5	10	2600	22.68	22.71
	LTE B5	10	1	0	50	0	20600	2600	LTE B4	10	2350	22.40	22.43
CA_4A-12A	LTE B4	10	1	0	50	0	20350	2350	LTE B12	10	5130	22.68	22.73
	LTE B12	10	1	49	50	0	23130	5130	LTE B4	10	2350	22.55	22.58
CA_4A-13A	LTE B4	10	1	0	50	0	20350	2350	LTE B13	10	5230	22.68	22.7
	LTE B13	10	1	49	50	0	23230	5230	LTE B4	10	2350	22.36	22.4
CA_4A-17A	LTE B4	10	1	0	50	0	20350	2350	LTE B17	10	5790	22.68	22.66
	LTE B17	10	1	49	50	0	23790	5790	LTE B4	10	2350	22.38	22.42
CA_4A-29A	LTE B4	10	1	0	50	0	20350	2350	LTE B29	10	9720	22.68	22.74

Note:1) Main Antenna only supports LTE B2/4/5/7/12/13/17/25/26/29/30/41 for US LTE Bands. Testing is not required in bands or modes not intended/allowed for US operation.
2) LTE B29 can be used as SCC only.

B) The conducted power measurement results of downlink LTE CA Conduted Power are as below (Second antenna):

DL LTE CA Class	PCC								SCC			Power	
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_2A-5A	LTE B5	10	1	0	50	0	20450	2450	LTE B2	10	900	21.76	21.80
CA_2A-12A	LTE B12	10	1	49	50	0	23130	5130	LTE B2	10	1150	22.05	22.12
CA_2A-13A	LTE B13	10	1	49	50	0	23230	5230	LTE B2	10	1150	21.62	21.68
CA_4A-5A	LTE B5	10	1	0	50	0	20450	2450	LTE B4	10	2350	21.76	21.78
CA_4A-12A	LTE B12	10	1	49	50	0	23130	5130	LTE B4	10	2350	22.05	22.10
CA_4A-13A	LTE B13	10	1	49	50	0	23230	5230	LTE B4	10	2350	21.62	21.65
CA_4A-17A	LTE B17	10	1	25	50	0	23790	5790	LTE B4	10	2350	21.54	21.58

Note: Second Antenna only supports LTE B5/12/13/17/26 for US LTE Bands. Testing is not required in bands or modes not intended/allowed for US operation.

7.1.30 Conducted power measurements of Proximity sensor triggering

In this section, the following procedure is used to determine the triggering distances, coverage and tilt angle influences per FCC KDB 616217 D04v01§6.

1) Procedures for determining proximity sensor triggering distances

As the IR proximity sensor locates on the front face of the device and detects objects approaching only from the **front side**, so triggering distance only need to be checked for the front side when device is under voice mode(WiFi VOIP or 2G&3G&4G sub antenna voice + WiFi simultaneous transmission).

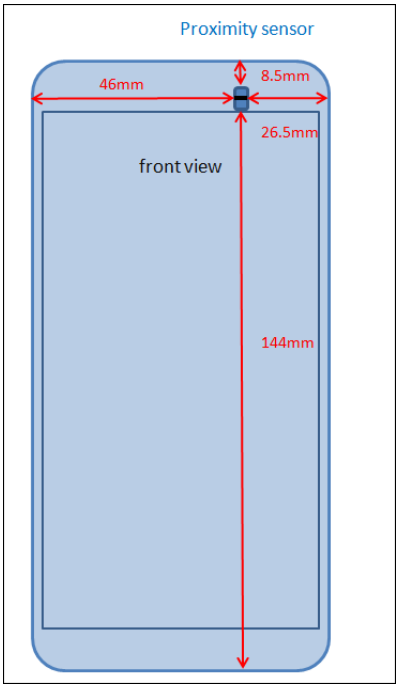


Figure 1: The location of the IR proximity sensor

FCC KDB 616217 D04v01§6.2, the proximity sensor triggering distance measurement results are as below:

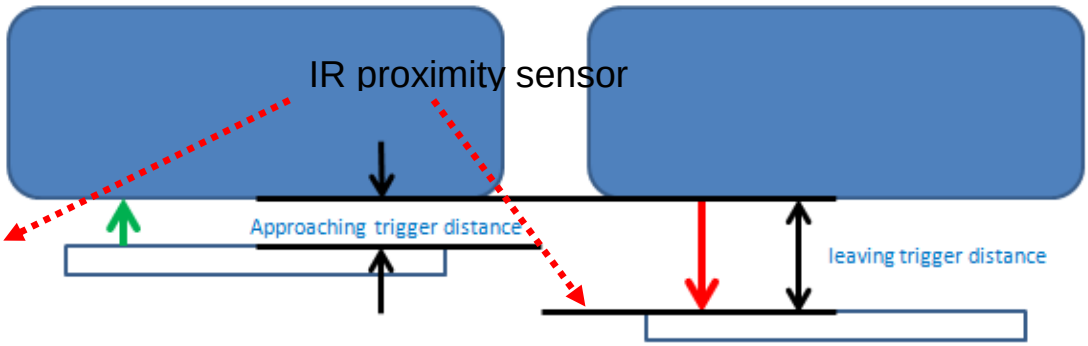
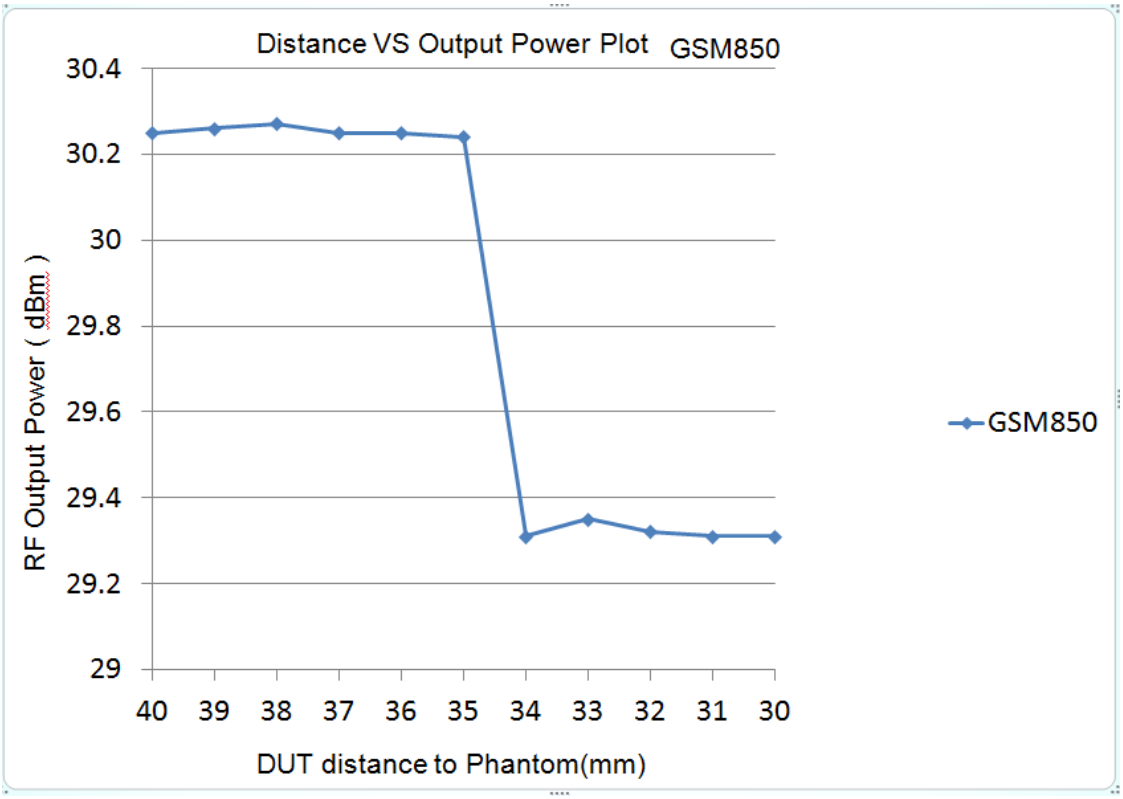
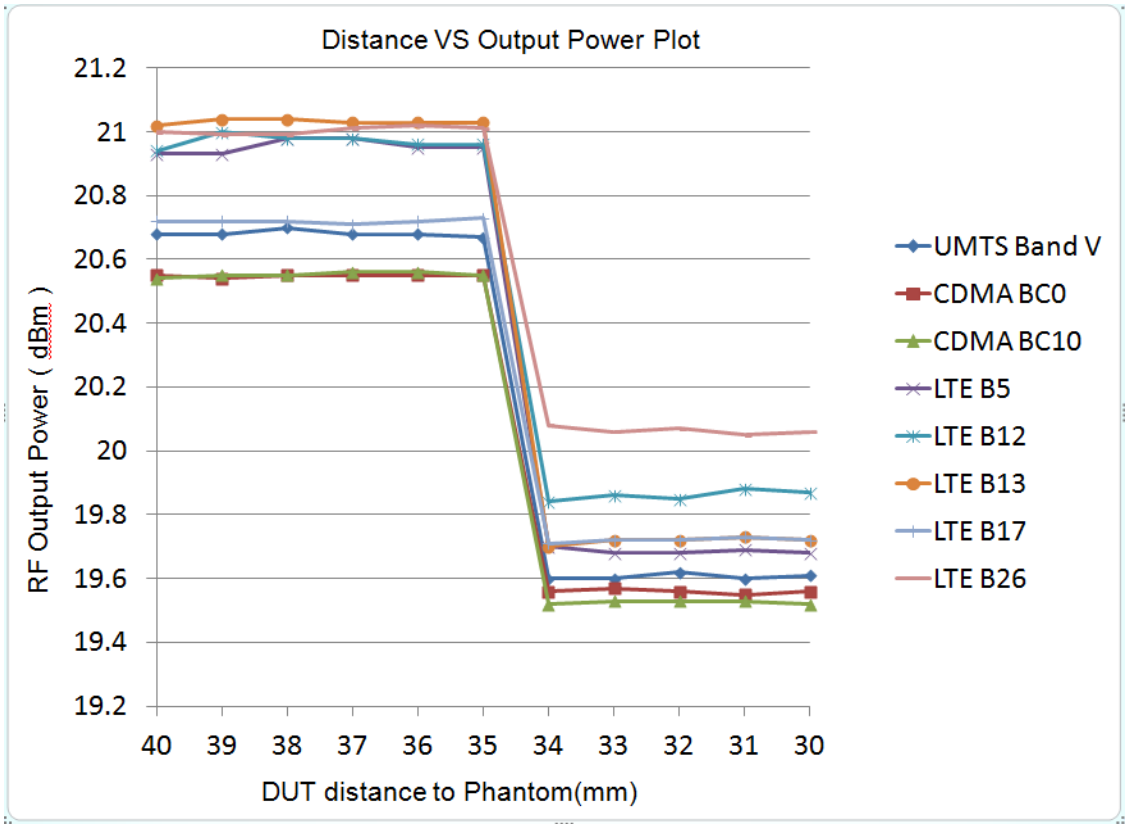
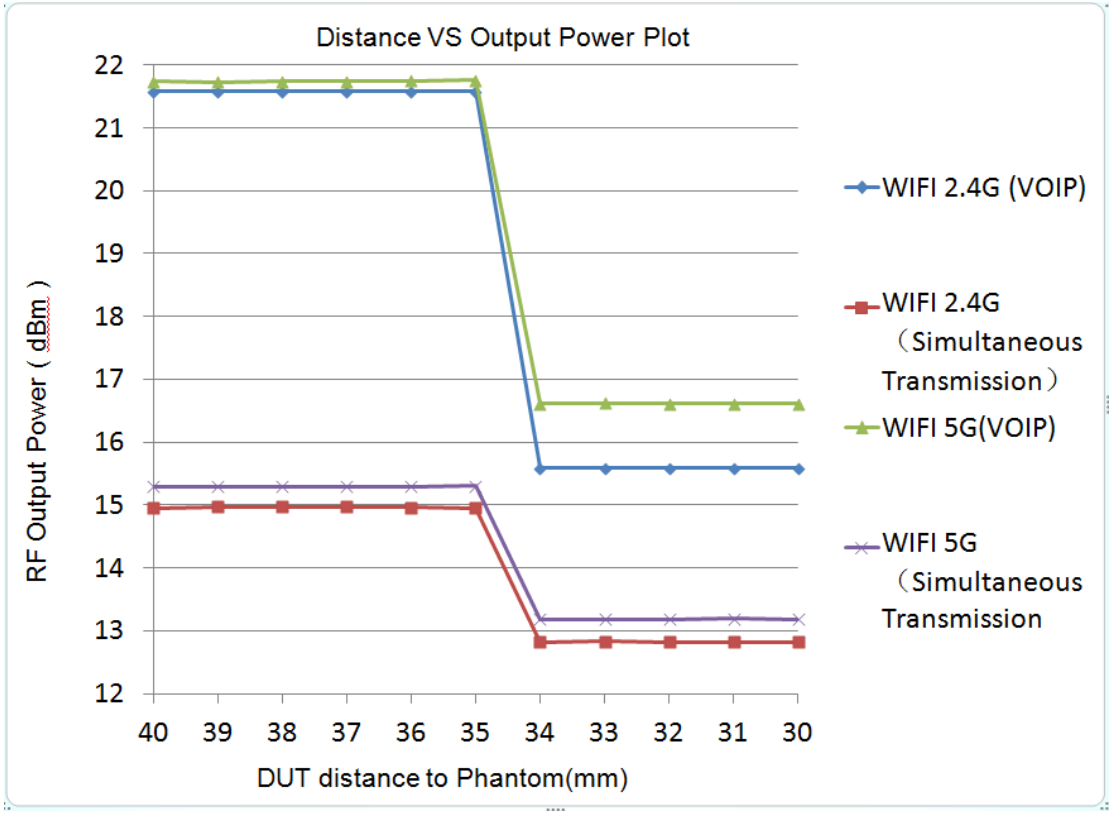


Figure 2: Proximity sensor triggering distances assessment (Front side only)

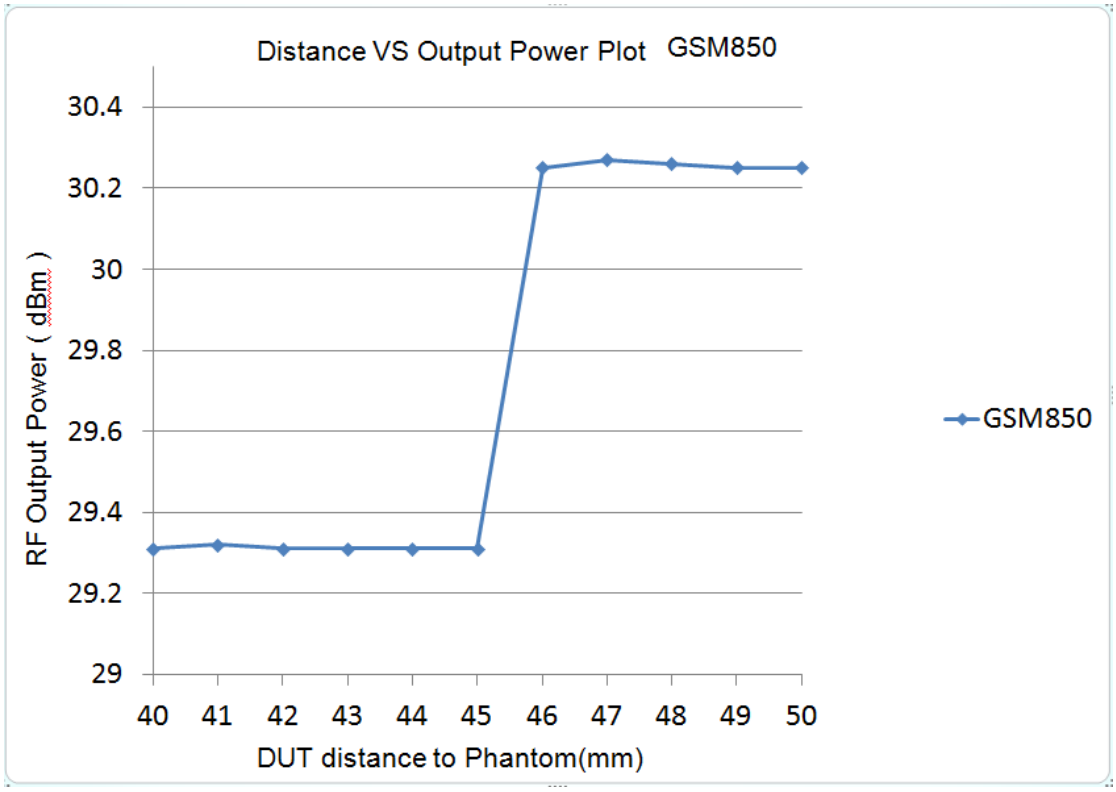
The DUT is moved towards from the flat phantom:

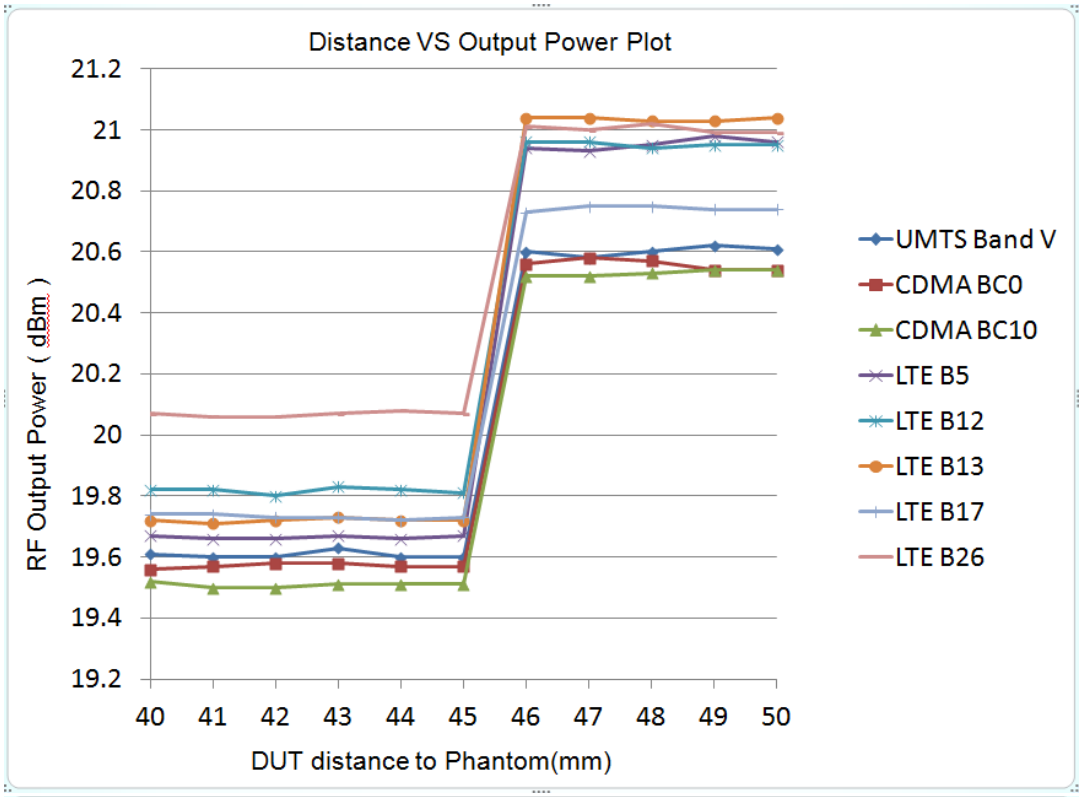


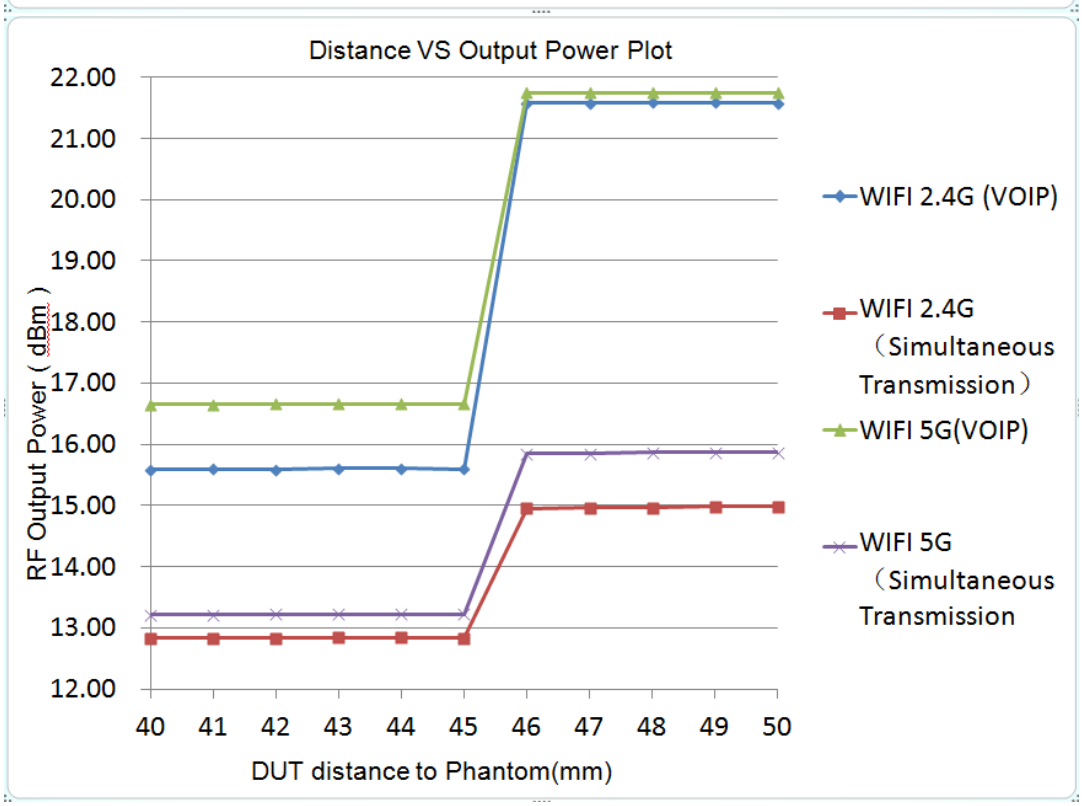




The DUT is moved away from the flat phantom:







Conclusion: The Proximity sensor triggering distance is far more than 15 mm, so it can be ensured that the proximity sensor can be valid triggered for the Head, body-worn and 10g extremity exposure condition(WiFi VOIP or 2G&3G&4G sub antenna voice + WiFi simultaneous transmission).

As Standalone SAR compliance are still tested at the maximum output power level without any power reduction.

2) Procedures for determining antenna and proximity sensor coverage

As the IR proximity sensor locates on the front face of the device and detects objects approaching only from the front side. For front side view, there is no spatial offset between the WiFi antenna/Second antenna and the proximity sensor element, so procedures for determining the proximity sensor coverage per FCC KDB 616217§6.3 does not need to be assessed.

3）Procedures for determining device tilt angle influences to proximity sensor triggering

As the proximity sensor triggering power reduction is only applicable for the front side, so tilt angle influences for the other edges per KDB616217 §6.4 does not need to be assessed.

4) Summary SAR test Plan for Proximity sensor power reduction scenarios

To sum up, as the device uses proximity sensor triggering power reduction during Wi-Fi VOIP or when Wi-Fi antennas transmit simultaneously with the second antenna(Voice) in held-to-ear scenarios,therefore:

For Head SAR compliance:

a) Standalone Head SAR for Wi-Fi antennas(WiFi VOIP)are evaluated at reduced power levels according to the real usage scenarios.

b) Additional Head SAR tests at lower reduced power levels in WiFi and 2G&3G&4G Second antenna(Voice) simultaneous transmission scenarios are also tested for some frequency bands and test positions, which are only used to ensure simultaneous transmission SAR test exclusion.

For 10g Extremity SAR compliance:

a）Standalone SAR compliance are still tested at the maximum output power level without any power reduction. It is more conservative to ensure SAR compliance. So additional SAR test at the sensor triggering distance minus 1mm with the maximum output power level per KDB 616217 is not required.

b) Additional 10g Extremity SAR of front side at proximity sensor triggered reduced power levels are tested for some frequency bands in WiFi and 2G&3G&4G Second antenna simultaneous transmission scenario, which are only used to ensure simultaneous transmission SAR test exclusion.

7.1.31 Conducted power measurements of WiFi 2.4G

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
802.11b	CORE0	1	2412	1	19.00	17.95	Yes	18
		6	2437		19.00	18.35	Yes	
		11	2462		19.00	17.51	Yes	
	CORE1	1	2412	1	19.00	18.02	Yes	18
		6	2437		19.00	17.90	Yes	
		11	2462		19.00	17.98	Yes	
802.11g	2Tx CDD	1	2412	6	22.00	21.64	Yes	18
		6	2437		22.00	21.63	Yes	
		11	2462		22.00	21.37	Yes	
802.11n-20M	2Tx MIMO	1	2412	6.5	21.00	Not Required	No	18
		6	2437		21.00	Not Required	No	
		11	2462		21.00	Not Required	No	
802.11n-40M	2Tx MIMO	3	2422	13.5	21.00	Not Required	No	18
		6	2437		21.00	Not Required	No	
		9	2452		21.00	Not Required	No	

Table 107: Conducted power measurement results of WiFi 2.4G(Full Power: Power Setting Level 18).
Note: 1) The Average conducted power of WiFi is measured with RMS detector.

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
802.11b	CORE0	1	2412	1	14.00	12.62	Yes	13
		6	2437		14.00	13.24	Yes	
		11	2462		14.00	12.35	Yes	
	CORE1	1	2412	1	14.00	12.73	Yes	13
		6	2437		14.00	12.77	Yes	
		11	2462		14.00	12.44	Yes	
802.11g	2Tx CDD	1	2412	6	17.00	Not Required	No	13
		6	2437		17.00	Not Required	No	
		11	2462		17.00	Not Required	No	
802.11n 20M	2Tx MIMO	1	2412	6.5	17.00	Not Required	No	13
		6	2437		17.00	Not Required	No	
		11	2462		17.00	Not Required	No	
802.11n-40M	2Tx MIMO	3	2422	13.5	17.00	15.68	Yes	13
		6	2437		17.00	15.84	Yes	
		9	2452		17.00	15.75	Yes	

Table 108: Conducted power measurement results of WiFi 2.4G(Power Setting Level 13).
Note: 1) The Average conducted power of WiFi is measured with RMS detector.

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
802.11b	CORE0	1	2412	1M	13.00	11.73	No	12
		6	2437		13.00	12.12	No	
		11	2462		13.00	11.43	No	
	CORE1	1	2412	1M	13.00	11.78	No	12
		6	2437		13.00	11.68	No	
		11	2462		13.00	11.52	No	
8.2.11g	2TX CDD	1	2412	6M	16.00	Not Required	No	12
		6	2437		16.00	Not Required	No	
		11	2462		16.00	Not Required	No	
802.11n 20M	2TX MIMO	1	2412	6.5M	16.00	Not Required	No	12
		6	2437		16.00	Not Required	No	
		11	2462		16.00	Not Required	No	
802.11n 40M	2TX MIMO	3	2422	13.5M	16.00	14.70	No	12
		6	2437		16.00	14.70	No	
		9	2452		16.00	14.74	No	

Table 109: Conducted power measurement results of WiFi 2.4G(Power Setting Level 12).

Note: 1) The Average conducted power of WiFi is measured with RMS detector.

2) SAR is not tested for this simultaneous transmission reduced power level as the more conservative SAR test results at the maximum output power level without any power reduction are used to satisfy the simultaneous transmission SAR test exclusion.(Refer to Section 7.3 for details)

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
802.11b	CORE0	1	2412	1	12.00	10.29	Yes	11
		6	2437		12.00	10.89	Yes	
		11	2462		12.00	9.95	Yes	
	CORE1	1	2412	1	12.00	10.85	Yes	11
		6	2437		12.00	10.39	Yes	
		11	2462		12.00	10.31	Yes	
802.11g	2Tx CDD	1	2412	6	15.00	Not Required	No	11
		6	2437		15.00	Not Required	No	
		11	2462		15.00	Not Required	No	
802.11n 20M	2Tx MIMO	1	2412	6.5	15.00	Not Required	No	11
		6	2437		15.00	Not Required	No	
		11	2462		15.00	Not Required	No	
802.11n-40M	2Tx MIMO	3	2422	13.5	15.00	13.99	Yes	11
		6	2437		15.00	14.14	Yes	
		9	2452		15.00	13.83	Yes	

Table 110: Conducted power measurement results of WiFi 2.4G(Power Setting Level 11).

Note: 1) The Average conducted power of WiFi is measured with RMS detector.

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
802.11b	CORE0	1	2412	1	11.00	9.20	Yes	10
		6	2437		11.00	9.51	Yes	
		11	2462		11.00	9.03	Yes	
	CORE1	1	2412	1	11.00	9.30	Yes	10
		6	2437		11.00	9.11	Yes	
		11	2462		11.00	9.40	Yes	
802.11g	2Tx CDD	1	2412	6	14.00	Not Required	No	10
		6	2437		14.00	Not Required	No	
		11	2462		14.00	Not Required	No	
802.11n 20M	2Tx MIMO	1	2412	6.5	14.00	Not Required	No	10
		6	2437		14.00	Not Required	No	
		11	2462		14.00	Not Required	No	
802.11n-40M	2Tx MIMO	3	2422	13.5	14.00	12.66	Yes	10
		6	2437		14.00	12.83	Yes	
		9	2452		14.00	12.82	Yes	

Table 111: Conducted power measurement results of WiFi 2.4G(Power Setting Level 10).

Note: 1) The Average conducted power of WiFi is measured with RMS detector.

7.1.32 Conducted power measurements of WiFi 5G

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.2	802.11a	2TX CDD	CH 36	5180	6M	22.00	Not Required	NO	18
			CH 40	5200		22.00	Not Required	NO	
			CH 44	5220		22.00	Not Required	NO	
			CH 48	5240		22.00	Not Required	NO	
	802.11n 20M	2TX MIMO	CH 36	5180	6.5M	22.00	Not Required	NO	
			CH 40	5200		22.00	Not Required	NO	
			CH 44	5220		22.00	Not Required	NO	
			CH 48	5240		22.00	Not Required	NO	
	802.11n 40M	2TX MIMO	CH 38	5190	13.5M	21.00	Not Required	NO	
			CH 46	5230		21.00	Not Required	NO	
	802.11ac 20M	2TX MIMO	CH 36	5180	6.5M	22.00	Not Required	NO	
			CH 40	5200		22.00	Not Required	NO	
			CH 44	5220		22.00	Not Required	NO	
			CH 48	5240		22.00	Not Required	NO	
	802.11ac 40M	2TX MIMO	CH 38	5190	13.5M	21.00	Not Required	NO	
			CH 46	5230		21.00	Not Required	NO	
	802.11ac 80M	2TX MIMO	CH 42	5210	29.3M	20.50	Not Required	NO	

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.3	802.11a	2TX CDD	CH 52	5260	6M	22.00	21.73	Yes	18
			CH 56	5280		22.00	21.43	Yes	
			CH 60	5300		22.00	21.22	Yes	
			CH 64	5320		22.00	21.27	Yes	
	802.11n 20M	2TX MIMO	CH 52	5260	6.5M	22.00	21.07	Yes	
			CH 56	5280		22.00	20.92	Yes	
			CH 60	5300		22.00	20.83	Yes	
			CH 64	5320		22.00	20.83	Yes	
	802.11n 40M	2TX MIMO	CH 54	5270	13.5M	21.00	Not Required	NO	
			CH 62	5310		21.00	Not Required	NO	
	802.11ac 20M	2TX MIMO	CH 52	5260	6.5M	22.00	21.33	Yes	
			CH 56	5280		22.00	21.25	Yes	
			CH 60	5300		22.00	21.19	Yes	
			CH 64	5320		22.00	21.10	Yes	
	802.11ac 40M	2TX MIMO	CH 54	5270	13.5M	21.00	Not Required	NO	
			CH 62	5310		21.00	Not Required	NO	
	802.11ac 80M	2TX MIMO	CH 58	5290	29.3M	20.50	Not Required	NO	
Band (GHz)	**Mode**	**Antenna**	**Channel**	**Frequency (MHz)**	**Data Rate (Mbps)**	**Tune-up**	**Average Power (dBm)**	**SAR Test (Yes/No)**	**Power Setting Level**
5.5	802.11a	2TX CDD	CH 100	5500	6M	22.00	21.30	Yes	18
			CH 104	5520		22.00	21.43	Yes	
			CH 108	5540		22.00	21.40	Yes	
			CH 112	5560		22.00	21.48	Yes	
			CH 116	5580		22.00	21.69	Yes	
			CH 120	5600		22.00	21.55	Yes	
			CH 124	5620		22.00	21.67	Yes	
			CH 128	5640		22.00	21.79	Yes	
			CH 132	5660		22.00	21.67	Yes	
			CH 136	5680		22.00	21.45	Yes	
			CH 140	5700		22.00	21.55	Yes	
			CH 144	5720		22.00	21.56	Yes	

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.5	802.11n 20M	2TX MIMO	CH 100	5500	6.5M	22.00	Not Required	No	18
			CH 104	5520		22.00	Not Required	No	
			CH 108	5540		22.00	Not Required	No	
			CH 112	5560		22.00	Not Required	No	
			CH 116	5580		22.00	Not Required	No	
			CH 120	5600		22.00	Not Required	No	
			CH 124	5620		22.00	Not Required	No	
			CH 128	5640		22.00	Not Required	No	
			CH 132	5660		22.00	Not Required	No	
			CH 136	5680		22.00	Not Required	No	
			CH 140	5700		22.00	Not Required	No	
			CH 144	5720		22.00	Not Required	No	
	802.11n 40M	2TX MIMO	CH 102	5510	13.5M	21.00	Not Required	No	
			CH 110	5550		21.00	Not Required	No	
			CH 118	5590		21.00	Not Required	No	
			CH 126	5630		21.00	Not Required	No	
			CH 134	5670		21.00	Not Required	No	
			CH 142	5710		21.00	Not Required	No	
	802.11ac 20M	2TX MIMO	CH 100	5500	6.5M	22.00	Not Required	No	
			CH 104	5520		22.00	Not Required	No	
			CH 108	5540		22.00	Not Required	No	
			CH 112	5560		22.00	Not Required	No	
			CH 116	5580		22.00	Not Required	No	
			CH 120	5600		22.00	Not Required	No	
			CH 124	5620		22.00	Not Required	No	
			CH 128	5640		22.00	Not Required	No	
			CH 132	5660		22.00	Not Required	No	
			CH 136	5680		22.00	Not Required	No	
			CH 140	5700		22.00	Not Required	No	
			CH 144	5720		22.00	Not Required	No	
	802.11ac 40M	2TX MIMO	CH 102	5510	13.5M	21.00	Not Required	No	
			CH 110	5550		21.00	Not Required	No	
			CH 118	5590		21.00	Not Required	No	
			CH 126	5630		21.00	Not Required	No	
			CH 134	5670		21.00	Not Required	No	
			CH 142	5710		21.00	Not Required	No	
	802.11ac 80M	2TX MIMO	CH 106	5530	29.3M	20.50	Not Required	No	
			CH 122	5610		20.50	Not Required	No	
			CH 138	5690		20.50	Not Required	No	

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.8	802.11a	2TX CDD	CH 149	5745	6M	22.00	21.41	Yes	18
			CH 153	5765		22.00	21.25	Yes	
			CH 157	5785		22.00	21.36	Yes	
			CH 161	5805		22.00	21.60	Yes	
			CH 165	5825		22.00	21.59	Yes	
	802.11n 20M	2TX MIMO	CH 149	5745	6.5M	22.00	Not Required	No	
			CH 153	5765		22.00	Not Required	No	
			CH 157	5785		22.00	Not Required	No	
			CH 161	5805		22.00	Not Required	No	
			CH 165	5825		22.00	Not Required	No	
	802.11n 40M	2TX MIMO	CH 151	5755	13.5M	21.00	Not Required	No	
			CH 159	5795		21.00	Not Required	No	
	802.11ac 20M	2TX MIMO	CH 149	5745	6.5M	22.00	Not Required	No	
			CH 153	5765		22.00	Not Required	No	
			CH 157	5785		22.00	Not Required	No	
			CH 161	5805		22.00	Not Required	No	
			CH 165	5825		22.00	Not Required	No	
	802.11ac 40M	2TX MIMO	CH 151	5755	13.5M	21.00	Not Required	No	
			CH 159	5795		21.00	Not Required	No	
	802.11ac 80M	2TX MIMO	CH 155	5775	29.3M	20.50	Not Required	No	

Table 112: Conducted power measurement results of WiFi 5G(Full Power:Power Setting Level 18).

Note: 1) The Average conducted power of WiFi is measured with RMS detector.

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.2	802.11a	2TX CDD	CH 36	5180	6M	17.50	Not Required	NO	13
			CH 40	5200		17.50	Not Required	NO	
			CH 44	5220		17.50	Not Required	NO	
			CH 48	5240		17.50	Not Required	NO	
	802.11n 20M	2TX MIMO	CH 36	5180	6.5M	17.50	Not Required	NO	
			CH 40	5200		17.50	Not Required	NO	
			CH 44	5220		17.50	Not Required	NO	
			CH 48	5240		17.50	Not Required	NO	
	802.11n 40M	2TX MIMO	CH 38	5190	13.5M	17.50	Not Required	NO	
			CH 46	5230		17.50	Not Required	NO	
	802.11ac 20M	2TX MIMO	CH 36	5180	6.5M	17.50	Not Required	NO	
			CH 40	5200		17.50	Not Required	NO	
			CH 44	5220		17.50	Not Required	NO	
			CH 48	5240		17.50	Not Required	NO	
	802.11ac 40M	2TX MIMO	CH 38	5190	13.5M	17.50	Not Required	NO	
			CH 46	5230		17.50	Not Required	NO	
	802.11ac 80M	2TX MIMO	CH 42	5210	29.3M	17.50	Not Required	NO	
Band (GHz)	**Mode**	**Antenna**	**Channel**	**Frequency (MHz)**	**Data Rate (Mbps)**	**Tune-up**	**Average Power (dBm)**	**SAR Test (Yes/No)**	**Power Setting Level**
5.3	802.11a	2TX CDD	CH 52	5260	6M	17.50	Not Required	NO	13
			CH 56	5280		17.50	Not Required	NO	
			CH 60	5300		17.50	Not Required	NO	
			CH 64	5320		17.50	Not Required	NO	
	802.11n 20M	2TX MIMO	CH 52	5260	6.5M	17.50	Not Required	NO	
			CH 56	5280		17.50	Not Required	NO	
			CH 60	5300		17.50	Not Required	NO	
			CH 64	5320		17.50	Not Required	NO	
	802.11n 40M	2TX MIMO	CH 54	5270	13.5M	17.50	Not Required	NO	
			CH 62	5310		17.50	Not Required	NO	
	802.11ac 20M	2TX MIMO	CH 52	5260	6.5M	17.50	Not Required	NO	
			CH 56	5280		17.50	Not Required	NO	
			CH 60	5300		17.50	Not Required	NO	
			CH 64	5320		17.50	Not Required	NO	
	802.11ac 40M	2TX MIMO	CH 54	5270	13.5M	17.50	Not Required	NO	
			CH 62	5310		17.50	Not Required	NO	
	802.11ac 80M	2TX MIMO	CH 58	5290	29.3M	17.50	15.93	Yes	

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.5	802.11a	2TX CDD	CH 100	5500	6M	17.50	Not Required	No	13
			CH 104	5520		17.50	Not Required	No	
			CH 108	5540		17.50	Not Required	No	
			CH 112	5560		17.50	Not Required	No	
			CH 116	5580		17.50	Not Required	No	
			CH 120	5600		17.50	Not Required	No	
			CH 124	5620		17.50	Not Required	No	
			CH 128	5640		17.50	Not Required	No	
			CH 132	5660		17.50	Not Required	No	
			CH 136	5680		17.50	Not Required	No	
			CH 140	5700		17.50	Not Required	No	
			CH 144	5720		17.50	Not Required	No	
	802.11n 20M	2TX MIMO	CH 100	5500	6.5M	17.50	Not Required	No	
			CH 104	5520		17.50	Not Required	No	
			CH 108	5540		17.50	Not Required	No	
			CH 112	5560		17.50	Not Required	No	
			CH 116	5580		17.50	Not Required	No	
			CH 120	5600		17.50	Not Required	No	
			CH 124	5620		17.50	Not Required	No	
			CH 128	5640		17.50	Not Required	No	
			CH 132	5660		17.50	Not Required	No	
			CH 136	5680		17.50	Not Required	No	
			CH 140	5700		17.50	Not Required	No	
			CH 144	5720		17.50	Not Required	No	

Band (GHz)	Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting Level
5.5	802.11n 40M	2TX MIMO	CH 102	5510	13.5M	17.50	Not Required	No	13
			CH 110	5550		17.50	Not Required	No	
			CH 118	5590		17.50	Not Required	No	
			CH 126	5630		17.50	Not Required	No	
			CH 134	5670		17.50	Not Required	No	
			CH 142	5710		17.50	Not Required	No	
	802.11ac 20M	2TX MIMO	CH 100	5500	6.5M	17.50	Not Required	No	
			CH 104	5520		17.50	Not Required	No	
			CH 108	5540		17.50	Not Required	No	
			CH 112	5560		17.50	Not Required	No	
			CH 116	5580		17.50	Not Required	No	
			CH 120	5600		17.50	Not Required	No	
			CH 124	5620		17.50	Not Required	No	
			CH 128	5640		17.50	Not Required	No	
			CH 132	5660		17.50	Not Required	No	
			CH 136	5680		17.50	Not Required	No	
			CH 140	5700		17.50	Not Required	No	
			CH 144	5720		17.50	Not Required	No	
	802.11ac 40M	2TX MIMO	CH 102	5510	13.5M	17.50	Not Required	No	
			CH 110	5550		17.50	Not Required	No	
			CH 118	5590		17.50	Not Required	No	
			CH 126	5630		17.50	Not Required	No	
			CH 134	5670		17.50	Not Required	No	
			CH 142	5710		17.50	Not Required	No	
	802.11ac 80M	2TX MIMO	CH 106	5530	29.3M	17.50	15.63	Yes	
			CH 122	5610		17.50	15.52	Yes	
			CH 138	5690		17.50	16.26	Yes	