Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	18.70	17.14	17.25	16.95
		1	38	18.70	16.99	17.18	17.14
		1	74	18.70	17.21	17.06	17.10
		36	0	18.70	17.08	17.25	17.11
		36	18	18.70	17.34	17.09	17.09
		36	39	18.70	17.24	17.37	17.16
		75	0	18.70	17.19	17.43	17.27
	16QAM	1	0	18.70	17.20	17.21	17.46
		1	38	18.70	17.22	17.16	17.25
		1	74	18.70	17.40	17.07	17.47
		36	0	18.70	17.40	17.31	17.39
		36	18	18.70	17.32	17.36	17.38
		36	39	18.70	17.43	17.24	16.97
		75	0	18.70	17.27	17.44	17.24
	64QAM	1	0	18.70	17.15	17.33	17.16
		1	38	18.70	17.16	17.10	17.17
		1	74	18.70	17.41	17.30	17.02
		36	0	18.70	17.09	17.07	17.01
		36	18	18.70	17.35	17.31	17.29
		36	39	18.70	16.98	17.29	17.29
		75	0	18.70	17.14	17.32	17.21
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	18.70	17.28	17.39	17.11
		1	50	18.70	**17.53**	17.26	17.10
		1	99	18.70	17.24	17.20	17.32
		50	0	18.70	17.36	17.17	17.31
		50	25	18.70	**17.37**	17.28	17.34
		50	50	18.70	17.28	**17.40**	**17.36**
		100	0	18.70	17.20	17.28	17.22
	16QAM	1	0	18.70	17.28	17.10	17.12
		1	50	18.70	17.18	17.15	17.35
		1	99	18.70	17.25	17.22	17.09
		50	0	18.70	17.21	17.30	17.14
		50	25	18.70	17.26	17.20	17.22
		50	50	18.70	17.05	17.13	17.29
		100	0	18.70	17.34	17.09	17.23
	64QAM	1	0	18.70	17.31	17.36	17.37
		1	50	18.70	17.45	17.34	17.29
		1	99	18.70	17.52	17.43	17.26
		50	0	18.70	16.97	17.26	17.36
		50	25	18.70	17.13	17.09	17.10
		50	50	18.70	17.16	17.25	17.19
		100	0	18.70	17.27	17.14	17.24

Table 100: Test results conducted power measurement of LTE Band 66 (Reduced Power Level D2)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	14.70	14.11	13.64	13.55
		1	3	14.70	13.74	13.52	13.76
		1	5	14.70	13.48	13.69	13.77
		3	0	14.70	14.18	13.79	13.85
		3	2	14.70	14.02	13.89	13.79
		3	3	14.70	13.83	13.71	13.89
		6	0	14.70	13.98	14.17	14.00
	16QAM	1	0	14.70	14.04	13.81	13.88
		1	3	14.70	14.16	14.42	14.26
		1	5	14.70	14.18	14.08	14.10
		3	0	14.70	14.29	14.02	13.98
		3	2	14.70	13.87	13.79	13.83
		3	3	14.70	14.18	14.32	14.00
		6	0	14.70	14.17	14.08	14.05
	64QAM	1	0	14.70	14.03	13.97	14.14
		1	3	14.70	14.00	14.32	14.06
		1	5	14.70	14.13	14.34	14.19
		3	0	14.70	14.12	13.98	14.17
		3	2	14.70	14.14	14.12	14.31
		3	3	14.70	13.99	13.91	14.25
		6	0	14.70	13.97	14.06	13.96
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	14.70	13.85	13.93	13.90
		1	7	14.70	13.58	13.74	13.78
		1	14	14.70	13.78	13.82	13.86
		8	0	14.70	13.95	14.29	14.12
		8	4	14.70	14.11	14.00	13.90
		8	7	14.70	13.89	13.77	13.90
		15	0	14.70	13.75	13.87	13.97
	16QAM	1	0	14.70	14.02	14.22	14.24
		1	7	14.70	14.15	14.14	14.11
		1	14	14.70	14.20	14.05	14.32
		8	0	14.70	14.05	13.82	13.80
		8	4	14.70	13.76	13.58	13.76
		8	7	14.70	13.94	13.94	13.64
		15	0	14.70	14.05	14.18	14.05
	64QAM	1	0	14.70	13.90	14.05	13.88
		1	7	14.70	14.06	13.89	14.03
		1	14	14.70	13.89	13.88	13.81
		8	0	14.70	14.06	14.18	13.97
		8	4	14.70	13.90	14.18	14.18
		8	7	14.70	14.17	14.07	13.99
		15	0	14.70	14.08	14.26	14.31

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	14.70	14.00	14.04	13.97
		1	13	14.70	13.98	14.08	13.85
		1	24	14.70	13.91	14.11	13.95
		12	0	14.70	14.38	14.20	14.23
		12	6	14.70	14.19	14.03	13.86
		12	13	14.70	14.09	14.21	14.16
		25	0	14.70	14.23	14.18	13.98
	16QAM	1	0	14.70	14.04	14.00	14.05
		1	13	14.70	13.95	14.01	13.93
		1	24	14.70	14.33	14.01	14.04
		12	0	14.70	14.62	14.20	14.02
		12	6	14.70	14.19	14.21	14.15
		12	13	14.70	14.13	14.36	13.96
		25	0	14.70	14.03	14.16	14.25
	64QAM	1	0	14.70	14.01	14.08	13.78
		1	13	14.70	14.09	14.11	14.27
		1	24	14.70	14.18	13.91	13.80
		12	0	14.70	14.35	14.13	13.98
		12	6	14.70	14.17	14.30	14.28
		12	13	14.70	14.19	14.41	14.06
		25	0	14.70	14.01	14.34	14.26
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	14.70	13.99	14.34	14.29
		1	25	14.70	14.07	14.29	14.35
		1	49	14.70	14.12	14.25	14.11
		25	0	14.70	14.21	14.33	14.32
		25	13	14.70	14.40	14.35	14.29
		25	25	14.70	14.36	14.36	14.33
		50	0	14.70	14.15	14.16	14.36
	16QAM	1	0	14.70	14.15	13.99	13.86
		1	25	14.70	14.09	13.98	13.95
		1	49	14.70	14.29	14.31	13.90
		25	0	14.70	14.41	14.32	14.19
		25	13	14.70	14.20	14.13	14.36
		25	25	14.70	14.09	14.42	14.09
		50	0	14.70	14.20	13.94	14.25
	64QAM	1	0	14.70	14.22	14.15	14.04
		1	25	14.70	14.13	14.16	14.12
		1	49	14.70	14.18	14.13	14.12
		25	0	14.70	14.30	14.14	13.98
		25	13	14.70	14.26	14.21	14.36
		25	25	14.70	14.17	14.24	14.22
		50	0	14.70	14.15	14.31	14.18

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	14.70	14.20	14.29	14.05
		1	38	14.70	14.09	14.29	14.18
		1	74	14.70	14.28	14.20	14.21
		36	0	14.70	14.18	14.31	14.14
		36	18	14.70	14.36	14.14	14.12
		36	39	14.70	14.36	14.48	14.18
		75	0	14.70	14.23	14.56	14.34
	16QAM	1	0	14.70	14.22	14.31	14.51
		1	38	14.70	14.24	14.25	14.39
		1	74	14.70	14.52	14.19	14.57
		36	0	14.70	14.52	14.39	14.46
		36	18	14.70	14.35	14.42	14.41
		36	39	14.70	14.51	14.27	13.99
		75	0	14.70	14.41	14.46	14.30
	64QAM	1	0	14.70	14.15	14.48	14.25
		1	38	14.70	14.22	14.11	14.20
		1	74	14.70	14.49	14.41	14.06
		36	0	14.70	14.23	14.09	14.14
		36	18	14.70	14.37	14.31	14.34
		36	39	14.70	14.13	14.41	14.34
		75	0	14.70	14.22	14.33	14.31
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	14.70	14.43	14.50	14.16
		1	50	14.70	14.44	14.35	14.25
		1	99	14.70	14.28	14.24	14.40
		50	0	14.70	14.50	14.18	14.38
		50	25	14.70	14.45	14.31	14.44
		50	50	14.70	14.41	14.48	14.41
		100	0	14.70	14.23	14.36	14.35
	16QAM	1	0	14.70	14.32	14.17	14.21
		1	50	14.70	14.26	14.24	14.46
		1	99	14.70	14.26	14.35	14.11
		50	0	14.70	14.31	14.42	14.24
		50	25	14.70	14.30	14.28	14.24
		50	50	14.70	14.06	14.20	14.41
		100	0	14.70	14.48	14.22	14.33
	64QAM	1	0	14.70	14.43	14.45	14.48
		1	50	14.70	14.47	14.46	14.41
		1	99	14.70	14.63	14.56	14.38
		50	0	14.70	14.07	14.30	14.42
		50	25	14.70	14.21	14.12	14.19
		50	50	14.70	14.27	14.38	14.26
		100	0	14.70	14.28	14.22	14.38

Table 101: Test results conducted power measurement of LTE Band 66 (Reduced Power Level D3)

Note: The Conducted power measurements of LTE Band 66 is measured with RMS detector.

7.1.30 Conducted power measurements of LTE Band 66(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	23.70	22.09	22.04	22.03
		1	3	23.70	22.00	22.01	22.12
		1	5	23.70	21.99	22.06	22.14
		3	0	23.70	21.13	20.84	21.07
		3	2	23.70	21.00	21.06	21.20
		3	3	23.70	21.15	21.20	21.29
		6	0	22.70	21.21	21.28	21.24
	16QAM	1	0	22.70	21.15	21.32	21.09
		1	3	22.70	21.14	21.05	21.29
		1	5	22.70	21.23	21.11	21.32
		3	0	22.70	20.42	20.32	19.95
		3	2	22.70	20.15	20.15	20.10
		3	3	22.70	20.40	20.47	19.98
		6	0	21.70	20.17	20.26	20.09
	64QAM	1	0	21.70	20.08	20.13	19.91
		1	3	21.70	19.95	20.05	19.91
		1	5	21.70	20.07	19.98	19.97
		3	0	21.70	19.88	20.20	20.17
		3	2	21.70	20.22	20.05	20.00
		3	3	21.70	19.94	19.83	19.94
		6	0	20.70	20.06	20.09	19.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	23.70	22.17	22.23	22.17
		1	7	23.70	22.00	22.10	22.17
		1	14	23.70	22.13	22.22	22.19
		8	0	22.70	21.16	20.95	21.20
		8	4	22.70	21.18	21.16	21.33
		8	7	22.70	21.20	21.25	21.34
		15	0	22.70	21.25	21.46	21.35
	16QAM	1	0	22.70	21.31	21.42	21.26
		1	7	22.70	21.25	21.25	21.40
		1	14	22.70	21.39	21.16	21.33
		8	0	21.70	20.47	20.38	20.11
		8	4	21.70	20.28	20.20	20.21
		8	7	21.70	20.49	20.57	20.05
		15	0	21.70	20.21	20.28	20.28
	64QAM	1	0	21.70	20.10	20.24	19.96
		1	7	21.70	20.12	20.15	20.05
		1	14	21.70	20.10	20.10	19.98
		8	0	20.70	20.05	20.27	20.23
		8	4	20.70	20.30	20.20	20.10
		8	7	20.70	20.05	20.01	20.12
		15	0	20.70	20.07	20.24	20.17

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	23.70	22.25	22.30	22.22
		1	13	23.70	22.13	22.27	22.17
		1	24	23.70	22.27	22.31	22.24
		12	0	22.70	21.22	21.06	21.35
		12	6	22.70	21.28	21.23	21.37
		12	13	22.70	21.23	21.45	21.42
		25	0	22.70	21.36	21.50	21.36
	16QAM	1	0	22.70	21.34	21.44	21.40
		1	13	22.70	21.41	21.32	21.49
		1	24	22.70	21.42	21.26	21.35
		12	0	21.70	20.61	20.41	20.24
		12	6	21.70	20.32	20.26	20.37
		12	13	21.70	20.50	20.58	20.11
		25	0	21.70	20.24	20.35	20.34
	64QAM	1	0	21.70	20.21	20.31	20.06
		1	13	21.70	20.26	20.32	20.22
		1	24	21.70	20.26	20.24	20.11
		12	0	20.70	20.22	20.28	20.25
		12	6	20.70	20.38	20.34	20.30
		12	13	20.70	20.10	20.15	20.25
		25	0	20.70	20.18	20.28	20.22
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	23.70	22.37	22.42	22.36
		1	25	23.70	22.27	22.32	22.34
		1	49	23.70	22.32	22.37	22.31
		25	0	22.70	21.40	21.26	21.53
		25	13	22.70	21.48	21.32	21.51
		25	25	22.70	21.43	21.53	21.44
		50	0	22.70	21.46	21.54	21.56
	16QAM	1	0	22.70	21.52	21.55	21.50
		1	25	22.70	21.47	21.45	21.53
		1	49	22.70	21.42	21.41	21.50
		25	0	21.70	20.63	20.54	20.39
		25	13	21.70	20.49	20.41	20.54
		25	25	21.70	20.50	20.60	20.27
		50	0	21.70	20.42	20.37	20.42
	64QAM	1	0	21.70	20.38	20.40	20.21
		1	25	21.70	20.38	20.34	20.33
		1	49	21.70	20.34	20.29	20.17
		25	0	20.70	20.30	20.30	20.25
		25	13	20.70	20.43	20.48	20.47
		25	25	20.70	20.21	20.28	20.32
		50	0	20.70	20.31	20.37	20.25

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	23.70	22.50	22.49	22.41
		1	38	23.70	22.46	22.42	22.41
		1	74	23.70	22.45	22.48	22.49
		36	0	22.70	21.48	21.46	21.54
		36	18	22.70	21.56	21.50	21.58
		36	39	22.70	21.59	21.58	21.55
		75	0	22.70	21.56	21.57	21.58
	16QAM	1	0	22.70	21.66	21.74	21.68
		1	38	22.70	21.60	21.53	21.57
		1	74	22.70	21.58	21.53	21.55
		36	0	21.70	20.66	20.55	20.59
		36	18	21.70	20.68	20.60	20.57
		36	39	21.70	20.69	20.63	20.35
		75	0	21.70	20.56	20.54	20.48
	64QAM	1	0	21.70	20.40	20.55	20.39
		1	38	21.70	20.51	20.42	20.36
		1	74	21.70	20.51	20.46	20.35
		36	0	20.70	20.37	20.33	20.36
		36	18	20.70	20.58	20.60	20.64
		36	39	20.70	20.38	20.48	20.45
		75	0	20.70	20.36	20.52	20.43
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	23.70	**22.41**	**22.48**	22.24
		1	50	23.70	22.31	22.32	**22.40**
		1	99	23.70	22.25	22.33	22.32
		50	0	22.70	**21.75**	21.74	21.63
		50	25	22.70	21.63	21.61	21.56
		50	50	22.70	21.44	21.54	21.55
		100	0	22.70	21.73	21.50	21.65
	16QAM	1	0	22.70	21.75	21.74	21.63
		1	50	22.70	21.52	21.55	21.59
		1	99	22.70	21.56	21.59	21.68
		50	0	21.70	20.61	20.66	20.51
		50	25	21.70	20.48	20.41	20.44
		50	50	21.70	20.45	20.48	20.36
		100	0	21.70	20.43	20.42	20.44
	64QAM	1	0	21.70	20.53	20.51	20.46
		1	50	21.70	20.49	20.45	20.41
		1	99	21.70	20.42	20.43	20.49
		50	0	20.70	20.43	20.52	20.55
		50	25	20.70	20.36	20.33	20.31
		50	50	20.70	20.39	20.37	20.36
		100	0	20.70	20.36	20.26	20.28

Table 102: Test results conducted power measurement of LTE Band 66 (Full Power)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	22.70	20.95	21.01	20.87
		1	3	22.70	20.90	20.83	21.01
		1	5	22.70	20.87	21.03	20.97
		3	0	22.70	21.26	21.03	21.22
		3	2	22.70	21.09	21.16	21.31
		3	3	22.70	21.21	21.23	21.45
		6	0	22.70	21.37	21.33	21.37
	16QAM	1	0	22.70	21.29	21.35	21.15
		1	3	22.70	21.18	21.22	21.33
		1	5	22.70	21.33	21.30	21.42
		3	0	22.70	20.51	20.32	20.08
		3	2	22.70	20.23	20.22	20.26
		3	3	22.70	20.54	20.59	20.15
		6	0	21.70	20.23	20.34	20.15
	64QAM	1	0	21.70	20.14	20.16	20.05
		1	3	21.70	20.01	20.19	19.94
		1	5	21.70	20.11	20.03	20.13
		3	0	21.70	19.94	20.33	20.25
		3	2	21.70	20.35	20.09	20.09
		3	3	21.70	19.95	19.89	20.05
		6	0	20.70	20.20	20.17	20.06
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	22.70	21.03	21.22	21.09
		1	7	22.70	20.83	21.01	21.12
		1	14	22.70	20.94	21.02	21.12
		8	0	22.70	21.30	21.13	21.37
		8	4	22.70	21.34	21.23	21.50
		8	7	22.70	21.29	21.41	21.40
		15	0	22.70	21.35	21.58	21.45
	16QAM	1	0	22.70	21.49	21.54	21.28
		1	7	22.70	21.29	21.44	21.43
		1	14	22.70	21.49	21.28	21.41
		8	0	21.70	20.47	20.49	20.21
		8	4	21.70	20.32	20.21	20.34
		8	7	21.70	20.62	20.76	20.18
		15	0	21.70	20.22	20.29	20.33
	64QAM	1	0	21.70	20.13	20.39	20.12
		1	7	21.70	20.28	20.32	20.20
		1	14	21.70	20.11	20.11	20.01
		8	0	20.70	20.20	20.38	20.41
		8	4	20.70	20.50	20.22	20.17
		8	7	20.70	20.16	20.12	20.22
		15	0	20.70	20.14	20.35	20.26

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	22.70	21.20	21.19	21.04
		1	13	22.70	21.11	21.20	21.10
		1	24	22.70	21.18	21.27	21.19
		12	0	22.70	21.11	20.94	21.28
		12	6	22.70	21.13	21.04	21.27
		12	13	22.70	21.09	21.30	21.37
		25	0	22.70	21.17	21.34	21.28
	16QAM	1	0	22.70	21.16	21.32	21.22
		1	13	22.70	21.39	21.13	21.37
		1	24	22.70	21.23	21.20	21.26
		12	0	21.70	20.43	20.34	20.22
		12	6	21.70	20.25	20.10	20.26
		12	13	21.70	20.39	20.49	19.99
		25	0	21.70	20.23	20.18	20.29
	64QAM	1	0	21.70	20.11	20.29	19.97
		1	13	21.70	20.09	20.29	20.17
		1	24	21.70	20.20	20.17	20.02
		12	0	20.70	20.12	20.28	20.10
		12	6	20.70	20.23	20.20	20.16
		12	13	20.70	20.00	20.08	20.21
		25	0	20.70	20.17	20.21	20.03
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	22.70	21.19	21.29	21.20
		1	25	22.70	21.14	21.20	21.28
		1	49	22.70	21.30	21.25	21.24
		25	0	22.70	21.29	21.16	21.43
		25	13	22.70	21.29	21.24	21.42
		25	25	22.70	21.29	21.34	21.24
		50	0	22.70	21.28	21.41	21.44
	16QAM	1	0	22.70	21.44	21.36	21.33
		1	25	22.70	21.31	21.39	21.52
		1	49	22.70	21.30	21.40	21.43
		25	0	21.70	20.56	20.40	20.32
		25	13	21.70	20.39	20.38	20.50
		25	25	21.70	20.32	20.54	20.12
		50	0	21.70	20.38	20.33	20.41
	64QAM	1	0	21.70	20.32	20.34	20.09
		1	25	21.70	20.32	20.29	20.25
		1	49	21.70	20.32	20.11	20.02
		25	0	20.70	20.17	20.13	20.22
		25	13	20.70	20.42	20.41	20.30
		25	25	20.70	20.09	20.13	20.13
		50	0	20.70	20.20	20.20	20.15

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	22.70	21.40	21.35	21.23
		1	38	22.70	21.30	21.32	21.40
		1	74	22.70	21.34	21.37	21.48
		36	0	22.70	21.29	21.29	21.44
		36	18	22.70	21.52	21.45	21.44
		36	39	22.70	21.41	21.53	21.50
		75	0	22.70	21.38	21.43	21.48
	16QAM	1	0	22.70	21.53	21.60	21.57
		1	38	22.70	21.53	21.46	21.43
		1	74	22.70	21.40	21.45	21.46
		36	0	21.70	20.57	20.48	20.44
		36	18	21.70	20.57	20.49	20.50
		36	39	21.70	20.60	20.46	20.24
		75	0	21.70	20.55	20.51	20.37
	64QAM	1	0	21.70	20.38	20.51	20.34
		1	38	21.70	20.36	20.28	20.32
		1	74	21.70	20.31	20.40	20.33
		36	0	20.70	20.33	20.14	20.30
		36	18	20.70	20.42	20.54	20.46
		36	39	20.70	20.28	20.40	20.37
		75	0	20.70	20.25	20.48	20.36
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	22.70	**21.37**	**21.46**	21.15
		1	50	22.70	21.25	21.16	**21.39**
		1	99	22.70	21.10	21.29	21.24
		50	0	22.70	**21.62**	21.59	21.47
		50	25	22.70	21.44	21.53	21.51
		50	50	22.70	21.37	21.42	21.42
		100	0	22.70	21.69	21.47	21.49
	16QAM	1	0	22.70	21.58	21.69	21.52
		1	50	22.70	21.45	21.38	21.40
		1	99	22.70	21.43	21.45	21.53
		50	0	21.70	20.52	20.56	20.35
		50	25	21.70	20.30	20.37	20.40
		50	50	21.70	20.38	20.33	20.22
		100	0	21.70	20.29	20.27	20.37
	64QAM	1	0	21.70	20.40	20.35	20.27
		1	50	21.70	20.47	20.26	20.25
		1	99	21.70	20.26	20.28	20.47
		50	0	20.70	20.42	20.45	20.49
		50	25	20.70	20.34	20.19	20.26
		50	50	20.70	20.28	20.23	20.28
		100	0	20.70	20.25	20.21	20.24

Table 103: Test results conducted power measurement of LTE Band 66 (Reduced Power Level D3/D4/D5/D6)

Note: The Conducted power measurements of LTE Band 66 is measured with RMS detecto

7.1.31 Conducted power measurements of Downlink LTE CA

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.

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 ¼dB higher than the maximum output power measured when downlink carrier aggregation inactive.

Power test equipment: R&S Radio Communication Tester CMW500 and/or Anritsu Radio Communication Analyzer MT8821C were used.

The power measurements result are in the table as below:

DL LTE CA Class	PCC							SCC1				SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	16QAM	1	0	18900	900	2	20	1098	/	/	/	/	/	/	/	/	/	20.70	20.52	21.20
CA_5B	5	10	QPSK	1	0	20600	2600	5	10	2501	/	/	/	/	/	/	/	/	/	23.72	23.46	24.50
CA_38C	38	20	QPSK	1	0	37850	37850	38	20	38048	/	/	/	/	/	/	/	/	/	21.83	21.74	22.13
CA_41C	41	20	QPSK	1	99	41140	41140	41	20	40942	/	/	/	/	/	/	/	/	/	21.78	21.61	22.33
CA_66B	66	10	QPSK	1	0	132322	66786	66	10	66885	/	/	/	/	/	/	/	/	/	21.66	21.52	22.70
CA_12A-12A	12	5	QPSK	1	24	23155	5155	12	5	5035	/	/	/	/	/	/	/	/	/	23.41	23.24	24.50
CA_2A-17A	2	20	16QAM	1	0	18900	900	17	10	5790	/	/	/	/	/	/	/	/	/	20.70	20.54	21.20
	17	10	QPSK	1	49	23800	5800	2	20	900	/	/	/	/	/	/	/	/	/	23.41	23.33	24.50
CA_4A-17A	4	20	QPSK	50	0	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	21.93	21.59	22.70
CA_41D	41	20	QPSK	1	99	41140	41140	41	20	40942	41	20	40744	/	/	/	/	/	/	21.78	21.41	22.33
CA_66D	66	20	QPSK	1	0	132322	66786	66	20	66588	66	5	66471	/	/	/	/	/	/	21.66	21.35	22.70
CA_2A-4A-4A	2	20	16QAM	1	0	18900	900	4	20	2175	4	20	2300	/	/	/	/	/	/	20.70	20.50	21.20
	4	20	QPSK	50	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	21.93	21.70	22.70
CA_2A-2A-5A	2	20	16QAM	1	0	18900	900	2	20	1100	5	10	2525	/	/	/	/	/	/	20.70	20.53	21.20
	5	10	QPSK	1	0	20600	2600	2	20	700	2	20	1100	/	/	/	/	/	/	23.72	24.11	24.50
CA_2A-2A-12A	2	20	16QAM	1	0	18900	900	2	20	1100	12	10	5095	/	/	/	/	/	/	20.70	20.43	21.20
	12	10	QPSK	1	0	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	23.36	23.08	24.50
CA_2A-2A-66A	2	20	16QAM	1	0	18900	900	2	20	1100	66	20	66786	/	/	/	/	/	/	20.70	20.33	21.20
	66	20	QPSK	1	0	132322	66786	2	20	700	2	20	1100	/	/	/	/	/	/	21.66	21.34	22.70
CA_4A-4A-5A	4	20	QPSK	50	0	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	21.93	21.59	22.70
	5	10	QPSK	1	0	20600	2600	4	20	2050	4	20	2300	/	/	/	/	/	/	23.72	23.22	24.50
CA_4A-4A-7A	4	20	QPSK	50	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	21.93	21.50	22.70
	7	20	QPSK	1	50	21350	3350	4	20	2050	4	20	2300	/	/	/	/	/	/	21.09	20.63	22.20
CA_4A-4A-12A	4	20	QPSK	50	0	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	21.93	21.55	22.70
CA_4A-12B	4	20	QPSK	50	0	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	21.93	21.58	22.70
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.72	23.37	24.50
	7	20	QPSK	1	50	21350	3350	7	20	3152	5	10	2525	/	/	/	/	/	/	21.09	20.64	22.20
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.72	23.46	24.50
	7	20	QPSK	1	50	21350	3350	7	20	2850	5	10	2525	/	/	/	/	/	/	21.09	20.69	22.20
CA_2A-4A-5A	2	20	16QAM	1	0	18900	900	4	20	2175	5	10	2525	/	/	/	/	/	/	20.70	20.25	21.20
	4	20	QPSK	50	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	21.93	21.46	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	4	20	2175	/	/	/	/	/	/	23.72	23.21	24.50
CA_2A-5A-66A	2	20	16QAM	1	0	18900	900	5	10	2525	66	20	66786	/	/	/	/	/	/	20.70	20.37	21.20
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	/	/	/	/	/	/	23.72	23.30	24.50
	66	20	QPSK	1	0	132322	66786	2	20	900	5	10	2525	/	/	/	/	/	/	21.66	21.19	22.70
CA_2A-2A-66C	2	20	16QAM	1	0	18900	900	2	20	1100	66	20	66786	66	20	66984	/	/	/	20.70	20.25	21.20
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	700	2	20	1100	/	/	/	21.66	21.23	22.70
CA_7A-7A-66A-66A	7	20	QPSK	1	50	21350	3350	7	20	2850	66	20	66536	66	20	67036	/	/	/	21.09	20.40	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	2850	7	20	3350	/	/	/	21.66	21.01	22.70
CA_7C-66A-66A	7	20	QPSK	1	50	21350	3350	7	20	3152	66	20	66536	66	20	67036	/	/	/	21.09	20.46	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	7	20	3298	/	/	/	21.66	20.99	22.70
CA_2A-4A-7A-7A	2	20	16QAM	1	0	18900	900	4	20	2175	7	20	2080	7	20	3350	/	/	/	20.70	20.41	21.20
	4	20	QPSK	50	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	21.93	21.56	22.70
	7	20	QPSK	1	50	21350	3350	7	20	2850	2	20	900	4	20	2175	/	/	/	21.09	20.85	22.20
CA_2A-4A-7C	2	20	16QAM	1	0	18900	900	4	20	2175	7	20	3100	7	20	3298	/	/	/	20.70	20.30	21.20
	4	20	QPSK	50	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	21.93	21.59	22.70
	7	20	QPSK	1	50	21350	3350	7	20	3152	2	20	900	4	20	2175	/	/	/	21.09	20.65	22.20
CA_2A-5A-66C	2	20	16QAM	1	0	18900	900	5	10	2525	66	20	66786	66	20	66984	/	/	/	20.70	20.03	21.20
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.72	23.17	24.50
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	900	5	10	2525	/	/	/	21.66	20.95	22.70
CA_2A-7A-7A-66A	2	20	16QAM	1	0	18900	900	7	20	2850	7	20	3350	66	20	66786	/	/	/	20.70	20.06	21.20
	7	20	QPSK	1	50	21350	3350	7	20	2850	2	20	900	66	20	66786	/	/	/	21.09	20.51	22.20
	66	20	QPSK	1	0	132322	66786	7	20	2850	7	20	3350	2	20	900	/	/	/	21.66	21.00	22.70
CA_2A-7A-66A-66A	2	20	16QAM	1	0	18900	900	7	20	3100	66	20	66536	66	20	67036	/	/	/	20.70	20.08	21.20
	7	20	QPSK	1	50	21350	3350	2	20	900	66	20	66536	66	20	67036	/	/	/	21.09	20.40	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	2	20	900	/	/	/	21.66	21.02	22.70
CA_2A-4A-7A-12A	2	20	16QAM	1	0	18900	900	4	20	2175	7	20	3100	12	10	5095	/	/	/	20.70	20.09	21.20
	4	20	QPSK	50	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	21.93	21.32	22.70
	7	20	QPSK	1	50	21350	3350	2	20	900	4	20	2175	12	10	5095	/	/	/	21.09	20.50	22.20
CA_2A-7A-12A-66A	2	20	16QAM	1	0	18900	900	7	20	3100	12	10	5095	66	20	66786	/	/	/	20.70	19.98	21.20
	7	20	QPSK	1	50	21350	3350	2	20	900	12	10	5095	66	20	66786	/	/	/	21.09	20.45	22.20
	66	20	QPSK	1	0	132322	66786	2	20	900	7	20	3100	12	10	5095	/	/	/	21.66	21.06	22.70
CA_2A-7A-12B-66A	2	20	16QAM	1	0	18900	900	7	20	3100	12	5	5095	12	5	5143	66	20	66786	20.70	20.06	21.20
	7	20	QPSK	1	50	21350	3350	2	20	900	12	5	5095	12	5	5143	66	20	66786	21.09	20.50	22.20
	66	20	QPSK	1	0	132322	66786	7	20	3100	12	5	5095	12	5	5143	2	20	700	21.66	21.08	22.70

Table 104: Conducted power measurement results of DL CA(Second Antenna, Full Power)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	16QAM	1	0	18700	700	2	20	898	/	/	/	/	/	/	/	/	/	17.36	17.08	17.70
CA_5B	5	10	16QAM	1	0	20450	2450	5	10	2501	/	/	/	/	/	/	/	/	/	18.94	18.58	19.50
CA_38C	38	20	16QAM	1	99	38150	38150	38	20	37952	/	/	/	/	/	/	/	/	/	17.95	17.76	18.13
CA_41C	41	20	64QAM	1	0	40807	40807	41	20	40609	/	/	/	/	/	/	/	/	/	17.82	17.55	18.33
CA_66B	66	10	64QAM	25	25	132322	66786	66	10	66885	/	/	/	/	/	/	/	/	/	18.54	18.32	18.70
CA_12A-12A	12	5	16QAM	1	0	23155	5155	12	5	5035	/	/	/	/	/	/	/	/	/	19.15	18.96	20.00
CA_2A-17A	2	20	16QAM	1	0	18700	700	17	10	5790	/	/	/	/	/	/	/	/	/	17.36	17.10	17.70
	17	10	QPSK	1	25	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	19.06	18.88	20.00
CA_4A-17A	4	20	64QAM	1	0	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	18.43	17.99	18.70
CA_41D	41	20	64QAM	1	0	40807	40807	41	20	40942	41	20	40744	/	/	/	/	/	/	17.82	17.38	18.33
CA_66D	66	20	64QAM	1	99	132322	66786	66	20	66588	66	5	66471	/	/	/	/	/	/	18.56	18.18	18.70
CA_2A-4A-4A	2	20	16QAM	1	0	18700	700	4	20	2050	4	20	2300	/	/	/	/	/	/	17.36	17.09	17.70
	4	20	64QAM	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	18.43	18.13	18.70
CA_2A-2A-5A	2	20	16QAM	1	0	18700	700	2	20	1100	5	10	2525	/	/	/	/	/	/	17.36	17.12	17.70
	5	10	16QAM	1	0	20450	2450	2	20	700	2	20	1100	/	/	/	/	/	/	18.94	19.26	19.50
CA_2A-2A-12A	2	20	16QAM	1	0	18700	700	2	20	1100	12	10	5095	/	/	/	/	/	/	17.36	17.02	17.70
	12	10	64QAM	1	49	23130	5130	2	20	900	2	20	1100	/	/	/	/	/	/	19.18	18.83	20.00
CA_2A-2A-66A	2	20	16QAM	1	0	18700	700	2	20	1100	66	20	66786	/	/	/	/	/	/	17.36	16.92	17.70
	66	20	64QAM	1	99	132322	66786	2	20	700	2	20	1100	/	/	/	/	/	/	18.56	18.17	18.70
CA_4A-4A-5A	4	20	64QAM	1	0	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	18.43	18.02	18.70
	5	10	16QAM	1	0	20450	2450	4	20	2050	4	20	2300	/	/	/	/	/	/	18.94	18.37	19.50
CA_4A-4A-7A	4	20	64QAM	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	18.43	17.93	18.70
	7	20	16QAM	1	0	21350	3350	4	20	2050	4	20	2300	/	/	/	/	/	/	15.99	15.46	16.70
CA_4A-4A-12A	4	20	64QAM	1	0	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	18.43	17.98	18.70
CA_4A-12B	4	20	64QAM	1	0	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	18.43	18.01	18.70
CA_5A-7C	5	10	16QAM	1	0	20450	2450	7	20	3100	7	20	3298	/	/	/	/	/	/	18.94	18.52	19.50
	7	20	16QAM	1	0	21350	3350	7	20	3048	5	10	2525	/	/	/	/	/	/	15.99	15.47	16.70
CA_5A-7A-7A	5	10	16QAM	1	0	20450	2450	7	20	2850	7	20	3350	/	/	/	/	/	/	18.94	18.61	19.50
	7	20	16QAM	1	0	21350	3350	7	20	2850	5	10	2525	/	/	/	/	/	/	15.99	15.52	16.70
CA_2A-4A-5A	2	20	16QAM	1	0	18700	700	4	20	2175	5	10	2525	/	/	/	/	/	/	17.36	16.84	17.70
	4	20	64QAM	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	18.43	17.89	18.70
	5	10	16QAM	1	0	20450	2450	2	20	900	4	20	2175	/	/	/	/	/	/	18.94	18.36	19.50
CA_2A-5A-66A	2	20	16QAM	1	0	18700	700	5	10	2525	66	20	66786	/	/	/	/	/	/	17.36	16.96	17.70
	5	10	16QAM	1	0	20450	2450	2	20	900	66	20	66786	/	/	/	/	/	/	18.94	18.45	19.50
	66	20	64QAM	1	99	132322	66786	2	20	900	5	10	2600	/	/	/	/	/	/	18.56	18.02	18.70
CA_2A-2A-66C	2	20	16QAM	1	0	18700	700	2	20	1100	66	20	66786	66	20	66984	/	/	/	17.36	16.84	17.70
	66	20	64QAM	1	99	132322	66786	66	20	66984	2	20	700	2	20	1100	/	/	/	18.56	18.06	18.70
CA_7A-7A-66A-66A	7	20	16QAM	1	0	21350	3350	7	20	3350	66	20	66536	66	20	67036	/	/	/	15.99	15.18	16.70
	66	20	64QAM	1	99	132322	66786	66	20	67036	7	20	2850	7	20	3350	/	/	/	18.56	17.79	18.70
CA_7C-66A-66A	7	20	16QAM	1	0	21350	3350	7	20	3048	66	20	66536	66	20	67036	/	/	/	15.99	15.24	16.70
	66	20	64QAM	1	99	132322	66786	66	20	67036	7	20	3100	7	20	3298	/	/	/	18.56	17.77	18.70
CA_2A-4A-7A-7A	2	20	16QAM	1	0	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	17.36	16.95	17.70
	4	20	64QAM	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	18.43	17.94	18.70
	7	20	16QAM	1	0	21350	3350	7	20	2850	2	20	900	4	20	2175	/	/	/	15.99	15.63	16.70
CA_2A-4A-7C	2	20	16QAM	1	0	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	17.36	16.84	17.70
	4	20	64QAM	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	18.43	17.97	18.70
	7	20	16QAM	1	0	21350	3350	7	20	3048	2	20	900	4	20	2175	/	/	/	15.99	15.43	16.70
CA_2A-5A-66C	2	20	16QAM	1	0	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	17.36	16.57	17.70
	5	10	16QAM	1	0	20450	2450	2	20	900	66	20	66786	66	20	66984	/	/	/	18.94	18.27	19.50
	66	20	64QAM	1	99	132322	66786	66	20	66984	2	20	900	5	10	2450	/	/	/	18.56	17.73	18.70
CA_2A-7A-7A-66A	2	20	16QAM	1	0	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	17.36	16.60	17.70
	7	20	16QAM	1	0	21350	3350	7	20	2850	2	20	900	66	20	66786	/	/	/	15.99	15.29	16.70
	66	20	64QAM	1	99	132322	66786	7	20	2850	7	20	3350	2	20	1100	/	/	/	18.56	17.78	18.70
CA_2A-7A-66A-66A	2	20	16QAM	1	0	18700	700	7	20	3100	66	20	66536	66	20	67036	/	/	/	17.36	16.62	17.70
	7	20	16QAM	1	0	21350	3350	2	20	900	66	20	66536	66	20	67036	/	/	/	15.99	15.18	16.70
	66	20	64QAM	1	99	132322	66786	66	20	67036	7	20	3100	2	20	900	/	/	/	18.56	17.80	18.70
CA_2A-4A-7A-12A	2	20	16QAM	1	0	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	17.36	16.63	17.70
	4	20	64QAM	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	18.43	17.70	18.70
	7	20	16QAM	1	0	21350	3350	2	20	900	4	20	2175	12	10	5095	/	/	/	15.99	15.28	16.70
CA_2A-7A-12A-66A	2	20	16QAM	1	0	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	17.36	16.52	17.70
	7	20	16QAM	1	0	21350	3350	2	20	900	12	10	5095	66	20	66786	/	/	/	15.99	15.23	16.70
	66	20	64QAM	1	99	132322	66786	2	20	900	7	20	3100	12	10	5095	/	/	/	18.56	17.84	18.70
CA_2A-7A-12B-66A	2	20	16QAM	1	0	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	17.36	16.60	17.70
	7	20	16QAM	1	0	21350	3350	2	20	900	12	5	5095	12	5	5143	66	20	66786	15.99	15.28	16.70
	66	20	64QAM	1	99	132322	66786	7	20	3100	12	5	5095	12	5	5143	2	20	700	18.56	17.86	18.70

Table 105: Conducted power measurement results of DL CA(Second Antenna, Reduced Power Level D1)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	16QAM	1	50	18900	900	2	20	702	/	/	/	/	/	/	/	/	/	16.97	16.61	17.20
CA_5B	5	10	64QAM	1	25	20450	2450	5	10	2551	/	/	/	/	/	/	/	/	/	19.99	19.78	20.50
CA_38C	38	20	16QAM	1	99	38150	38150	38	20	37952	/	/	/	/	/	/	/	/	/	19.01	18.69	19.13
CA_41C	41	20	64QAM	1	99	40807	40807	41	20	40609	/	/	/	/	/	/	/	/	/	18.92	18.52	19.33
CA_66B	66	10	16QAM	25	25	132322	66786	66	10	66885	/	/	/	/	/	/	/	/	/	17.38	17.21	18.70
CA_12A-12A	12	5	16QAM	1	13	23155	5155	12	5	5035	/	/	/	/	/	/	/	/	/	20.40	19.91	21.00
CA_2A-17A	2	20	16QAM	1	50	18900	900	17	10	5790	/	/	/	/	/	/	/	/	/	16.97	16.75	17.20
	17	10	16QAM	1	0	23790	5790	2	20	900	/	/	/	/	/	/	/	/	/	20.18	19.92	21.00
CA_4A-17A	4	20	QPSK	1	0	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	18.43	18.21	18.70
CA_41D	41	20	64QAM	1	99	40807	40807	41	20	40942	41	20	40744	/	/	/	/	/	/	18.92	18.58	19.33
CA_66D	66	20	64QAM	1	99	132072	66536	66	20	66588	66	5	66471	/	/	/	/	/	/	17.52	17.28	18.70
CA_2A-4A-4A	2	20	16QAM	1	50	18900	900	4	20	2050	4	20	2300	/	/	/	/	/	/	16.97	16.72	17.20
	4	20	QPSK	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	18.43	18.21	18.70
CA_2A-2A-5A	2	20	16QAM	1	50	18900	900	2	20	1100	5	10	2525	/	/	/	/	/	/	16.97	16.74	17.20
	5	10	64QAM	1	25	20450	2450	2	20	700	2	20	1100	/	/	/	/	/	/	19.99	19.63	20.50
CA_2A-2A-12A	2	20	16QAM	1	50	18900	900	2	20	1100	12	10	5095	/	/	/	/	/	/	16.97	16.69	17.20
	12	10	16QAM	1	0	23130	5130	2	20	900	2	20	1100	/	/	/	/	/	/	20.26	20.00	21.00
CA_2A-2A-66A	2	20	16QAM	1	50	18900	900	2	20	1100	66	20	66786	/	/	/	/	/	/	16.97	16.70	17.20
	66	20	64QAM	1	99	132072	66536	2	20	700	2	20	1100	/	/	/	/	/	/	17.52	17.31	18.70
CA_4A-4A-5A	4	20	QPSK	1	0	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	18.43	18.19	18.70
	5	10	64QAM	1	25	20450	2450	4	20	2050	4	20	2300	/	/	/	/	/	/	19.99	19.61	20.50
CA_4A-4A-7A	4	20	QPSK	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	18.43	18.23	18.70
	7	20	16QAM	1	50	20850	2850	4	20	2050	4	20	2300	/	/	/	/	/	/	18.19	17.81	18.20
CA_4A-4A-12A	4	20	QPSK	1	0	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	18.43	18.11	18.70
CA_4A-12B	4	20	QPSK	1	0	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	18.43	18.11	18.70
CA_5A-7C	5	10	64QAM	1	25	20450	2450	7	20	3100	7	20	3298	/	/	/	/	/	/	19.99	19.61	20.50
	7	20	16QAM	1	50	20850	2850	7	20	3048	5	10	2525	/	/	/	/	/	/	18.19	17.85	18.20
CA_5A-7A-7A	5	10	64QAM	1	25	20450	2450	7	20	2850	7	20	3350	/	/	/	/	/	/	19.99	19.76	20.50
	7	20	16QAM	1	50	20850	2850	7	20	3350	5	10	2525	/	/	/	/	/	/	18.19	17.84	18.20
CA_2A-4A-5A	2	20	16QAM	1	50	18900	900	4	20	2175	5	10	2525	/	/	/	/	/	/	16.97	16.68	17.20
	4	20	QPSK	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	18.43	18.17	18.70
	5	10	64QAM	1	25	20450	2450	2	20	900	4	20	2175	/	/	/	/	/	/	19.99	19.67	20.50
CA_2A-5A-66A	2	20	16QAM	1	50	18900	900	5	10	2525	66	20	66786	/	/	/	/	/	/	16.97	16.64	17.20
	5	10	64QAM	1	25	20450	2450	2	20	900	66	20	66786	/	/	/	/	/	/	19.99	19.73	20.50
	66	20	64QAM	1	99	132072	66536	2	20	900	5	10	2525	/	/	/	/	/	/	17.52	17.15	18.70
CA_2A-2A-66C	2	20	16QAM	1	50	18900	900	2	20	1100	66	20	66786	66	20	66984	/	/	/	16.97	16.45	17.20
	66	20	64QAM	1	99	132072	66536	66	20	66984	2	20	700	2	20	1100	/	/	/	17.52	16.99	18.70
CA_7A-7A-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3350	66	20	66536	66	20	67036	/	/	/	18.19	17.61	18.20
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	17.52	16.85	18.70
CA_7C-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3048	66	20	66536	66	20	67036	/	/	/	18.19	17.69	18.20
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	17.52	17.03	18.70
CA_2A-4A-7A-7A	2	20	16QAM	1	50	18900	900	4	20	2175	7	20	2850	7	20	3350	/	/	/	16.97	16.48	17.20
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	18.43	17.82	18.70
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	4	20	2175	/	/	/	18.19	17.55	18.20
CA_2A-4A-7C	2	20	16QAM	1	50	18900	900	4	20	2175	7	20	3100	7	20	3298	/	/	/	16.97	16.31	17.20
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	18.43	17.90	18.70
	7	20	16QAM	1	50	20850	2850	7	20	3048	2	20	900	4	20	2175	/	/	/	18.19	17.68	18.20
CA_2A-5A-66C	2	20	16QAM	1	50	18900	900	5	10	2525	66	20	66786	66	20	66984	/	/	/	16.97	16.48	17.20
	5	10	64QAM	1	25	20450	2450	2	20	900	66	20	66786	66	20	66984	/	/	/	19.99	19.32	20.50
	66	20	64QAM	1	99	132072	66536	66	20	66984	2	20	900	5	10	2525	/	/	/	17.52	16.96	18.70
CA_2A-7A-7A-66A	2	20	16QAM	1	50	18900	900	7	20	2850	7	20	3350	66	20	66786	/	/	/	16.97	16.41	17.20
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	66	20	66786	/	/	/	18.19	17.67	18.20
	66	20	64QAM	1	99	132072	66536	7	20	2850	7	20	3350	2	20	900	/	/	/	17.52	16.87	18.70
CA_2A-7A-66A-66A	2	20	16QAM	1	50	18900	900	7	20	3100	66	20	66536	66	20	67036	/	/	/	16.97	16.30	17.20
	7	20	16QAM	1	50	20850	2850	2	20	900	66	20	66536	66	20	67036	/	/	/	18.19	17.70	18.20
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	3100	2	20	900	/	/	/	17.52	16.95	18.70
CA_2A-4A-7A-12A	2	20	16QAM	1	50	18900	900	4	20	2175	7	20	3100	12	10	5095	/	/	/	16.97	16.41	17.20
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	18.43	17.76	18.70
	7	20	16QAM	1	50	20850	2850	2	20	900	4	20	2175	12	10	5095	/	/	/	18.19	17.66	18.20
CA_2A-7A-12A-66A	2	20	16QAM	1	50	18900	900	7	20	3100	12	10	5095	66	20	66786	/	/	/	16.97	16.44	17.20
	7	20	16QAM	1	50	20850	2850	2	20	900	12	10	5095	66	20	66786	/	/	/	18.19	17.69	18.20
	66	20	64QAM	1	99	132072	66536	2	20	900	7	20	3100	12	10	5095	/	/	/	17.52	16.94	18.70
CA_2A-7A-12B-66A	2	20	16QAM	1	50	18900	900	7	20	3100	12	5	5095	12	5	5143	66	20	66786	16.97	16.37	17.20
	7	20	16QAM	1	50	20850	2850	2	20	900	12	5	5095	12	5	5143	66	20	66786	18.19	17.52	18.20
	66	20	64QAM	1	99	132072	66536	7	20	3100	12	5	5095	12	5	5143	2	20	700	17.52	16.92	18.70

Table 106: Conducted power measurement results of DL CA (Second Antenna, Reduced Power Level D2)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	64QAM	1	99	18900	900	2	20	898	/	/	/	/	/	/	/	/	/	13.33	12.69	13.70
CA_5B	5	10	16QAM	1	0	20450	2450	5	10	2501	/	/	/	/	/	/	/	/	/	14.93	14.29	15.50
CA_38C	38	20	64QAM	50	50	38150	35180	38	20	37952	/	/	/	/	/	/	/	/	/	14.77	14.04	15.13
CA_41C	41	20	16QAM	1	0	41140	41140	41	20	40942	/	/	/	/	/	/	/	/	/	14.85	14.14	15.33
CA_66B	66	10	16QAM	25	25	132322	66786	66	10	66885	/	/	/	/	/	/	/	/	/	14.42	13.93	14.70
CA_12A-12A	12	5	16QAM	1	13	23095	5095	12	5	5155	/	/	/	/	/	/	/	/	/	15.85	15.20	16.50
CA_2A-17A	2	20	64QAM	1	99	18900	900	17	10	5790	/	/	/	/	/	/	/	/	/	13.33	12.53	13.70
	17	10	QPSK	1	0	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	15.51	14.76	16.50
CA_4A-17A	4	20	64QAM	1	50	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	14.48	13.81	14.70
CA_41D	41	20	16QAM	1	0	41140	41140	41	20	40942	41	20	40744	/	/	/	/	/	/	14.85	14.03	15.33
CA_66D	66	20	64QAM	1	99	132072	66536	66	20	66734	66	5	66932	/	/	/	/	/	/	14.63	13.94	14.70
CA_2A-4A-4A	2	20	64QAM	1	99	18900	900	4	20	2050	4	20	2300	/	/	/	/	/	/	13.33	12.68	13.70
	4	20	64QAM	1	50	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	14.48	13.68	14.70
CA_2A-2A-5A	2	20	64QAM	1	99	18900	900	2	20	1100	5	10	2525	/	/	/	/	/	/	13.33	12.54	13.70
	5	10	16QAM	1	0	20450	2450	2	20	700	2	20	1100	/	/	/	/	/	/	14.93	14.24	15.50
CA_2A-2A-12A	2	20	64QAM	1	99	18900	900	2	20	1100	12	10	5095	/	/	/	/	/	/	13.33	12.65	13.70
	12	10	64QAM	1	25	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	15.83	15.18	16.50
CA_2A-2A-66A	2	20	64QAM	1	99	18900	900	2	20	1100	66	20	66786	/	/	/	/	/	/	13.33	12.63	13.70
	66	20	64QAM	1	99	132072	66536	2	20	700	2	20	1100	/	/	/	/	/	/	14.63	13.85	14.70
CA_4A-4A-5A	4	20	64QAM	1	50	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	14.48	13.72	14.70
	5	10	16QAM	1	0	20450	2450	4	20	2050	4	20	2300	/	/	/	/	/	/	14.93	14.24	15.50
CA_4A-4A-7A	4	20	64QAM	1	50	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	14.48	13.81	14.70
	7	20	16QAM	1	50	20850	2850	4	20	2050	4	20	2300	/	/	/	/	/	/	12.59	11.96	12.70
CA_4A-4A-12A	4	20	64QAM	1	50	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	14.48	13.65	14.70
CA_4A-12B	4	20	64QAM	1	50	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	14.48	13.83	14.70
CA_5A-7C	5	10	16QAM	1	0	20450	2450	7	20	3100	7	20	3298	/	/	/	/	/	/	14.93	14.25	15.50
	7	20	16QAM	1	50	20850	2850	7	20	3048	5	10	2525	/	/	/	/	/	/	12.59	11.81	12.70
CA_5A-7A-7A	5	10	16QAM	1	0	20450	2450	7	20	2850	7	20	3350	/	/	/	/	/	/	14.93	14.24	15.50
	7	20	16QAM	1	50	20850	2850	7	20	3350	5	10	2525	/	/	/	/	/	/	12.59	11.86	12.70
CA_2A-4A-5A	2	20	64QAM	1	99	18900	900	4	20	2175	5	10	2525	/	/	/	/	/	/	13.33	12.56	13.70
	4	20	64QAM	1	50	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	14.48	13.82	14.70
	5	10	16QAM	1	0	20450	2450	2	20	900	4	20	2175	/	/	/	/	/	/	14.93	14.26	15.50
CA_2A-5A-66A	2	20	64QAM	1	99	18900	900	5	10	2525	66	20	66786	/	/	/	/	/	/	13.33	12.60	13.70
	5	10	16QAM	1	0	20450	2450	2	20	900	66	20	66786	/	/	/	/	/	/	14.93	14.23	15.50
	66	20	64QAM	1	99	132072	66536	2	20	900	5	10	2600	/	/	/	/	/	/	14.63	13.89	14.70
CA_2A-2A-66C	2	20	64QAM	1	99	18900	900	2	20	1100	66	20	66786	66	20	66984	/	/	/	13.33	12.33	13.70
	66	20	64QAM	1	99	132072	66536	66	20	66734	2	20	700	2	20	1100	/	/	/	14.63	13.76	14.70
CA_7A-7A-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3350	66	20	66536	66	20	67036	/	/	/	12.59	11.59	12.70
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	14.63	13.78	14.70
CA_7C-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3048	66	20	66786	66	20	66536	/	/	/	12.59	11.60	12.70
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	14.63	13.74	14.70
CA_2A-4A-7A-7A	2	20	64QAM	1	99	18900	900	4	20	2175	7	20	2850	7	20	3350	/	/	/	13.33	12.31	13.70
	4	20	64QAM	1	50	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	14.48	13.58	14.70
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	4	20	2175	/	/	/	12.59	11.58	12.70
CA_2A-4A-7C	2	20	64QAM	1	99	18900	900	4	20	2175	7	20	3100	7	20	3298	/	/	/	13.33	12.39	13.70
	4	20	64QAM	1	50	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	14.48	13.52	14.70
	7	20	16QAM	1	50	20850	2850	7	20	3048	2	20	900	4	20	2175	/	/	/	12.59	11.60	12.70
CA_2A-5A-66C	2	20	64QAM	1	99	18900	900	5	10	2525	66	20	66786	66	20	66984	/	/	/	13.33	12.39	13.70
	5	10	16QAM	1	0	20450	2450	2	20	900	66	20	66786	66	20	66984	/	/	/	14.93	14.04	15.50
	66	20	64QAM	1	99	132072	66536	66	20	66734	2	20	900	5	10	2525	/	/	/	14.63	13.75	14.70
CA_2A-7A-7A-66A	2	20	64QAM	1	99	18900	900	7	20	2850	7	20	3350	66	20	66786	/	/	/	13.33	12.46	13.70
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	66	20	66786	/	/	/	12.59	11.57	12.70
	66	20	64QAM	1	99	132072	66536	7	20	2850	7	20	3350	2	20	900	/	/	/	14.63	13.67	14.70
CA_2A-7A-66A-66A	2	20	64QAM	1	99	18900	900	7	20	3100	66	20	66536	66	20	67036	/	/	/	13.33	12.48	13.70
	7	20	16QAM	1	50	20850	2850	2	20	900	66	20	66536	66	20	67036	/	/	/	12.59	11.73	12.70
	66	20	64QAM	1	99	132072	66536	66	20	67036	7	20	3100	2	20	900	/	/	/	14.63	13.72	14.70
CA_2A-4A-7A-12A	2	20	64QAM	1	99	18900	900	4	20	2175	7	20	3100	12	10	5095	/	/	/	13.33	12.43	13.70
	4	20	64QAM	1	50	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	14.48	13.60	14.70
	7	20	16QAM	1	50	20850	2850	2	20	900	4	20	2175	12	10	5095	/	/	/	12.59	11.61	12.70
CA_2A-7A-12A-66A	2	20	64QAM	1	99	18900	900	7	20	3100	12	10	5095	66	20	66786	/	/	/	13.33	12.36	13.70
	7	20	16QAM	1	50	20850	2850	2	20	900	12	10	5095	66	20	66786	/	/	/	12.59	11.59	12.70
	66	20	64QAM	1	99	132072	66536	2	20	900	7	20	3100	12	10	5095	/	/	/	14.63	13.75	14.70
CA_2A-7A-12B-66A	2	20	64QAM	1	99	18900	900	7	20	3100	12	5	5095	12	5	5143	66	20	66786	13.33	12.35	13.70
	7	20	16QAM	1	50	20850	2850	2	20	900	12	5	5095	12	5	5143	66	20	66786	12.59	11.62	12.70
	66	20	64QAM	1	99	132072	66536	7	20	3100	12	5	5095	12	5	5143	2	20	700	14.63	13.73	14.70

Table 107: Conducted power measurement results of DL CA(Second Antenna, Reduced Power Level D3)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	QPSK	1	0	18700	700	2	20	898	/	/	/	/	/	/	/	/	/	23.15	22.94	24.00
CA_5B	5	10	QPSK	1	0	20600	2600	5	10	2501	/	/	/	/	/	/	/	/	/	23.93	23.92	25.00
CA_38C	38	20	QPSK	1	0	38150	35180	38	20	37952	/	/	/	/	/	/	/	/	/	23.41	23.38	23.63
CA_41C	41	20	QPSK	1	99	41140	41140	41	20	40942	/	/	/	/	/	/	/	/	/	22.75	22.79	23.63
CA_66B	66	10	QPSK	1	0	132322	66786	66	10	66688	/	/	/	/	/	/	/	/	/	22.42	22.30	23.70
CA_12A-12A	12	5	QPSK	1	0	23155	5155	12	5	5035	/	/	/	/	/	/	/	/	/	23.55	23.49	25.00
CA_2A-17A	2	20	QPSK	1	0	18700	700	17	10	5790	/	/	/	/	/	/	/	/	/	23.15	22.57	24.00
	17	10	QPSK	1	25	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	23.87	23.36	25.00
CA_4A-17A	4	20	QPSK	1	0	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	22.17	22.12	22.70
CA_41D	41	20	QPSK	1	99	41140	41140	41	20	40942	41	20	40744	/	/	/	/	/	/	22.75	22.52	23.63
CA_66D	66	20	QPSK	1	0	132322	66786	66	20	66588	66	5	66471	/	/	/	/	/	/	22.48	22.31	23.70
CA_2A-4A-4A	2	20	QPSK	1	0	18700	700	4	20	2050	4	20	2300	/	/	/	/	/	/	23.15	22.16	24.00
	4	20	QPSK	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	22.17	22.10	22.70
CA_2A-2A-5A	2	20	QPSK	1	0	18700	700	2	20	1100	5	10	2525	/	/	/	/	/	/	23.15	21.92	24.00
	5	10	QPSK	1	0	20600	2600	2	20	700	2	20	1100	/	/	/	/	/	/	23.93	23.01	25.00
CA_2A-2A-12A	2	20	QPSK	1	0	18700	700	2	20	1100	12	10	5095	/	/	/	/	/	/	23.15	22.86	24.00
	12	10	QPSK	1	0	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	23.65	23.57	25.00
CA_2A-2A-66A	2	20	QPSK	1	0	18700	700	2	20	1100	66	20	66786	/	/	/	/	/	/	23.15	22.96	24.00
	66	20	QPSK	1	0	132322	66786	2	20	700	2	20	1100	/	/	/	/	/	/	22.48	22.55	23.70
CA_4A-4A-5A	4	20	QPSK	1	0	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	22.17	22.33	22.70
	5	10	QPSK	1	0	20600	2600	4	20	2050	4	20	2300	/	/	/	/	/	/	23.93	23.85	25.00
CA_4A-4A-7A	4	20	QPSK	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	22.17	22.33	22.70
	7	20	QPSK	1	0	20850	2850	4	20	2050	4	20	2300	/	/	/	/	/	/	23.45	22.89	24.20
CA_4A-4A-12A	4	20	QPSK	1	0	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	22.17	22.31	22.70
CA_4A-12B	4	20	QPSK	1	0	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	22.17	22.25	22.70
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.90	25.00
	7	20	QPSK	1	0	20850	2850	7	20	3048	5	10	2525	/	/	/	/	/	/	23.45	22.81	24.20
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.91	25.00
	7	20	QPSK	1	0	20850	2850	7	20	3350	5	10	2525	/	/	/	/	/	/	23.45	22.75	24.20
CA_2A-4A-5A	2	20	QPSK	1	0	18700	700	4	20	2175	5	10	2525	/	/	/	/	/	/	23.15	22.83	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	22.17	22.23	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	4	20	2175	/	/	/	/	/	/	23.93	24.02	25.00
CA_2A-5A-66A	2	20	QPSK	1	0	18700	700	5	10	2525	66	20	66786	/	/	/	/	/	/	23.15	22.89	24.00
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	/	/	/	/	/	/	23.93	23.82	25.00
	66	20	QPSK	1	0	132322	66786	2	20	900	5	10	2525	/	/	/	/	/	/	22.48	22.32	23.70
CA_2A-2A-66C	2	20	QPSK	1	0	18700	700	2	20	1100	66	20	66786	66	20	66984	/	/	/	23.15	22.02	24.00
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	900	2	20	1100	/	/	/	22.48	22.22	23.70
CA_7A-7A-66A-66A	7	20	QPSK	1	0	20850	2850	7	20	3350	66	20	66536	66	20	67036	/	/	/	23.45	23.06	24.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	2850	7	20	3350	/	/	/	22.48	22.25	23.70
CA_7C-66A-66A	7	20	QPSK	1	0	20850	2850	7	20	3048	66	20	66536	66	20	67036	/	/	/	23.45	22.96	24.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	7	20	3298	/	/	/	22.48	22.39	23.70
CA_2A-4A-7A-7A	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	23.15	22.05	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	22.17	22.20	22.70
	7	20	QPSK	1	0	20850	2850	7	20	3350	2	20	900	4	20	2175	/	/	/	23.45	23.10	24.20
CA_2A-4A-7C	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	23.15	22.10	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	22.17	22.23	22.70
	7	20	QPSK	1	0	20850	2850	7	20	3048	2	20	900	4	20	2175	/	/	/	23.45	23.02	24.20
CA_2A-5A-66C	2	20	QPSK	1	0	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	23.15	21.97	24.00
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	24.03	25.00
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	900	5	10	2525	/	/	/	22.48	22.44	23.70
CA_2A-7A-7A-66A	2	20	QPSK	1	0	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	23.15	22.03	24.00
	7	20	QPSK	1	0	20850	2850	7	20	3350	2	20	900	66	20	66786	/	/	/	23.45	23.07	24.20
	66	20	QPSK	1	0	132322	66786	7	20	2850	7	20	3350	2	20	1100	/	/	/	22.48	22.45	23.70
CA_2A-7A-66A-66A	2	20	QPSK	1	0	18700	700	7	20	3100	66	20	66536	66	20	67036	/	/	/	23.15	22.16	24.00
	7	20	QPSK	1	0	20850	2850	2	20	900	66	20	66536	66	20	67036	/	/	/	23.45	23.09	24.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	2	20	900	/	/	/	22.48	22.33	23.70
CA_2A-4A-7A-12A	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	23.15	22.06	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	22.17	22.18	22.70
	7	20	QPSK	1	0	20850	2850	2	20	900	4	20	2175	12	10	5095	/	/	/	23.45	23.05	24.20
CA_2A-7A-12A-66A	2	20	QPSK	1	0	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	23.15	21.99	24.00
	7	20	QPSK	1	0	20850	2850	2	20	900	12	10	5095	66	20	66786	/	/	/	23.45	22.14	24.20
	66	20	QPSK	1	0	132322	66786	2	20	900	7	20	3100	12	10	5095	/	/	/	22.48	22.28	23.70
CA_2A-7A-12B-66A	2	20	QPSK	1	0	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	23.15	22.37	24.00
	7	20	QPSK	1	0	20850	2850	2	20	900	12	5	5095	12	5	5143	66	20	66786	23.45	22.89	24.20
	66	20	QPSK	1	0	132322	66786	7	20	3100	12	5	5095	12	5	5143	2	20	700	22.48	22.37	23.70

Table 108: Conducted power measurement results of DL CA(Main Antenna,Full Power)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	16QAM	1	50	18700	700	2	20	898	/	/	/	/	/	/	/	/	/	22.11	21.70	22.70
CA_2A-17A	2	20	16QAM	1	50	18700	700	17	10	5790	/	/	/	/	/	/	/	/	/	22.11	21.62	22.70
	17	10	QPSK	1	25	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	23.87	23.52	25.00
CA_2A-4A-4A	2	20	16QAM	1	50	18700	700	4	20	2050	4	20	2300	/	/	/	/	/	/	22.11	21.67	22.70
	4	20	QPSK	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	22.17	21.73	22.70
CA_2A-2A-5A	2	20	16QAM	1	50	18700	700	2	20	1100	5	10	2525	/	/	/	/	/	/	22.11	21.58	22.70
	5	10	QPSK	1	0	20600	2600	2	20	700	2	20	1100	/	/	/	/	/	/	23.93	23.54	25.00
CA_2A-2A-12A	2	20	16QAM	1	50	18700	700	2	20	1100	12	10	5095	/	/	/	/	/	/	22.11	21.76	22.70
	12	10	QPSK	1	0	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	23.65	23.16	25.00
CA_2A-2A-66A	2	20	16QAM	1	50	18700	700	2	20	1100	66	20	66786	/	/	/	/	/	/	22.11	21.63	22.70
	66	20	QPSK	1	0	132322	66786	2	20	700	2	20	1100	/	/	/	/	/	/	22.48	22.11	23.70
CA_4A-4A-7A	4	20	QPSK	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	22.17	21.74	22.70
	7	20	16QAM	1	50	21350	3350	4	20	2050	4	20	2300	/	/	/	/	/	/	21.90	21.54	22.20
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.46	25.00
	7	20	16QAM	1	50	21350	3350	7	20	3152	5	10	2525	/	/	/	/	/	/	21.90	21.40	22.20
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.51	25.00
	7	20	16QAM	1	50	21350	3350	7	20	2850	5	10	2525	/	/	/	/	/	/	21.90	21.48	22.20
CA_2A-4A-5A	2	20	16QAM	1	50	18700	700	4	20	2175	5	10	2525	/	/	/	/	/	/	22.11	21.75	22.70
	4	20	QPSK	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	22.17	21.71	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	4	20	2175	/	/	/	/	/	/	23.93	23.57	25.00
CA_2A-5A-66A	2	20	16QAM	1	50	18700	700	5	10	2525	66	20	66786	/	/	/	/	/	/	22.11	21.72	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	/	/	/	/	/	/	23.93	23.40	25.00
	66	20	QPSK	1	0	132322	66786	2	20	900	5	10	2525	/	/	/	/	/	/	22.48	22.00	23.70
CA_2A-2A-66C	2	20	16QAM	1	50	18700	700	2	20	1100	66	20	66786	66	20	66984	/	/	/	22.11	21.38	22.70
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	700	2	20	1100	/	/	/	22.48	21.78	23.70
CA_7A-7A-66A-66A	7	20	16QAM	1	50	21350	3350	7	20	2850	66	20	66536	66	20	67036	/	/	/	21.90	21.23	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	2850	7	20	3350	/	/	/	22.48	21.86	23.70
CA_7C-66A-66A	7	20	16QAM	1	50	21350	3350	7	20	3152	66	20	66536	66	20	67036	/	/	/	21.90	21.26	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	7	20	3298	/	/	/	22.48	21.82	23.70
CA_2A-4A-7A-7A	2	20	16QAM	1	50	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	22.11	21.56	22.70
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	22.17	21.56	22.70
	7	20	16QAM	1	50	21350	3350	7	20	2850	2	20	900	4	20	2175	/	/	/	21.90	21.25	22.20
CA_2A-4A-7C	2	20	16QAM	1	50	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	22.11	21.40	22.70
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	22.17	21.52	22.70
	7	20	16QAM	1	50	21350	3350	7	20	3152	2	20	900	4	20	2175	/	/	/	21.90	21.17	22.20
CA_2A-5A-66C	2	20	16QAM	1	50	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	22.11	21.41	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	23.36	25.00
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	900	5	10	2525	/	/	/	22.48	21.74	23.70
CA_2A-7A-7A-66A	2	20	16QAM	1	50	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	22.11	21.54	22.70
	7	20	16QAM	1	50	21350	3350	7	20	2850	2	20	900	66	20	66786	/	/	/	21.90	21.29	22.20
	66	20	QPSK	1	0	132322	66786	7	20	2850	7	20	3350	2	20	900	/	/	/	22.48	21.76	23.70
CA_2A-7A-66A-66A	2	20	16QAM	1	50	18700	700	7	20	3100	66	20	66536	66	20	67036	/	/	/	22.11	21.54	22.70
	7	20	16QAM	1	50	21350	3350	2	20	900	66	20	66786	66	20	66536	/	/	/	21.90	21.22	22.20
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	2	20	900	/	/	/	22.48	21.73	23.70
CA_2A-4A-7A-12A	2	20	16QAM	1	50	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	22.11	21.54	22.70
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	22.17	21.45	22.70
	7	20	16QAM	1	50	21350	3350	2	20	900	4	20	2175	12	10	5095	/	/	/	21.90	21.19	22.20
CA_2A-7A-12A-66A	2	20	16QAM	1	50	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	22.11	21.41	22.70
	7	20	16QAM	1	50	21350	3350	2	20	900	12	10	5095	66	20	66786	/	/	/	21.90	21.30	22.20
	66	20	QPSK	1	0	132322	66786	2	20	900	7	20	3100	12	10	5095	/	/	/	22.48	21.76	23.70
CA_2A-7A-12B-66A	2	20	16QAM	1	50	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	22.11	21.50	22.70
	7	20	16QAM	1	50	21350	3350	2	20	900	12	5	5095	12	5	5143	66	20	66786	21.90	21.21	22.20
	66	20	QPSK	1	0	132322	66786	7	20	3100	12	5	5095	12	5	5143	2	20	700	22.48	21.92	23.70

Table 109: Conducted power measurement results of DL CA(Main Antenna, Reduced Power Level D1)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_4A-4A-7A	4	20	QPSK	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	23.17	22.72	23.70
	7	20	QPSK	1	99	20850	2850	4	20	2050	4	20	2300	/	/	/	/	/	/	23.21	22.63	23.70
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.49	25.00
	7	20	QPSK	1	99	20850	2850	7	20	3048	5	10	2525	/	/	/	/	/	/	23.21	22.70	23.70
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.36	25.00
	7	20	QPSK	1	99	20850	2850	7	20	3350	5	10	2525	/	/	/	/	/	/	23.21	22.64	23.70
CA_7A-7A-66A-66A	7	20	QPSK	1	99	20850	2850	7	20	3350	66	20	66536	66	20	67036	/	/	/	23.21	22.27	23.70
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	2850	7	20	3350	/	/	/	22.48	21.49	23.70
CA_7C-66A-66A	7	20	QPSK	1	99	20850	2850	7	20	3048	66	20	66536	66	20	67036	/	/	/	23.21	22.18	23.70
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	7	20	3298	/	/	/	22.48	21.53	23.70
CA_2A-4A-7A-7A	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	23.15	22.21	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	23.17	22.25	23.70
	7	20	QPSK	1	99	20850	2850	7	20	3350	2	20	900	4	20	2175	/	/	/	23.21	22.24	23.70
CA_2A-4A-7C	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	23.15	22.14	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	23.17	22.26	23.70
	7	20	QPSK	1	99	20850	2850	7	20	3048	2	20	900	4	20	2175	/	/	/	23.21	22.27	23.70
CA_2A-5A-66C	2	20	QPSK	1	0	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	23.15	22.19	24.00
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	22.91	25.00
	66	20	QPSK	1	0	132322	66786	66	20	66984	2	20	900	5	10	2525	/	/	/	22.48	21.44	23.70
CA_2A-7A-7A-66A	2	20	QPSK	1	0	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	23.15	22.24	24.00
	7	20	QPSK	1	99	20850	2850	7	20	3350	2	20	900	66	20	66786	/	/	/	23.21	22.27	23.70
	66	20	QPSK	1	0	132322	66786	7	20	2850	7	20	3350	2	20	900	/	/	/	22.48	21.59	23.70
CA_2A-7A-66A-66A	2	20	QPSK	1	0	18700	700	7	20	3100	66	20	66786	66	20	66536	/	/	/	23.15	22.15	24.00
	7	20	QPSK	1	99	20850	2850	2	20	900	66	20	66786	66	20	66536	/	/	/	23.21	22.21	23.70
	66	20	QPSK	1	0	132322	66786	66	20	67036	7	20	3100	2	20	900	/	/	/	22.48	21.59	23.70
CA_2A-4A-7A-12A	2	20	QPSK	1	0	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	23.15	22.10	24.00
	4	20	QPSK	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	23.17	22.12	23.70
	7	20	QPSK	1	99	20850	2850	2	20	900	4	20	2175	12	10	5095	/	/	/	23.21	22.30	23.70
CA_2A-7A-12A-66A	2	20	QPSK	1	0	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	23.15	22.16	24.00
	7	20	QPSK	1	99	20850	2850	2	20	900	12	10	5095	66	20	66786	/	/	/	23.21	22.16	23.70
	66	20	QPSK	1	0	132322	66786	2	20	900	7	20	3100	12	10	5095	/	/	/	22.48	21.51	23.70
CA_2A-7A-12B-66A	2	20	QPSK	1	0	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	23.15	22.24	24.00
	7	20	QPSK	1	99	20850	2850	2	20	900	12	5	5095	12	5	5143	66	20	66786	23.21	22.32	23.70
	66	20	QPSK	1	0	132322	66786	7	20	3100	12	5	5095	12	5	5143	2	20	900	22.48	21.51	23.70

Table 110: Conducted power measurement results of DL CA(Main Antenna, Reduced Power Level D2)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	QPSK	1	50	18700	700	2	20	898	/	/	/	/	/	/	/	/	/	21.12	20.64	21.70
CA_5B	5	10	QPSK	1	0	20600	2600	5	10	2501	/	/	/	/	/	/	/	/	/	23.93	23.44	25.00
CA_38C	38	20	QPSK	1	0	37850	37850	38	20	38048	/	/	/	/	/	/	/	/	/	23.44	22.93	23.63
CA_41C	41	20	QPSK	100	0	41140	41140	41	20	40942	/	/	/	/	/	/	/	/	/	21.95	21.57	22.83
CA_66B	66	10	16QAM	1	25	132622	67086	66	10	66987	/	/	/	/	/	/	/	/	/	21.52	21.31	21.49
CA_12A-12A	12	5	QPSK	1	0	23155	5155	12	5	5035	/	/	/	/	/	/	/	/	/	23.55	23.04	25.00
CA_2A-17A	2	20	QPSK	1	50	18700	700	17	10	5790	/	/	/	/	/	/	/	/	/	21.12	20.60	21.70
	17	10	QPSK	1	25	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	23.87	23.37	25.00
CA_4A-17A	4	20	16QAM	1	0	20300	2300	17	10	5790	/	/	/	/	/	/	/	/	/	22.33	21.87	22.70
CA_41D	41	20	QPSK	100	0	41140	41140	41	20	40942	41	20	40744	/	/	/	/	/	/	21.95	21.22	22.83
CA_66D	66	20	QPSK	100	0	132072	66536	66	20	66588	66	5	66471	/	/	/	/	/	/	21.69	21.09	21.49
CA_2A-4A-4A	2	20	QPSK	1	50	18700	700	4	20	2050	4	20	2300	/	/	/	/	/	/	21.12	20.48	21.70
	4	20	16QAM	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	22.33	21.57	22.70
CA_2A-2A-5A	2	20	QPSK	1	50	18700	700	2	20	1100	5	10	2525	/	/	/	/	/	/	21.12	20.45	21.70
	5	10	QPSK	1	0	20600	2600	2	20	700	2	20	1100	/	/	/	/	/	/	23.93	23.22	25.00
CA_2A-2A-12A	2	20	QPSK	1	50	18700	700	2	20	1100	12	10	5095	/	/	/	/	/	/	21.12	20.53	21.70
	12	10	QPSK	1	25	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	23.65	23.06	25.00
CA_2A-2A-66A	2	20	QPSK	1	50	18700	700	2	20	1100	66	20	66786	/	/	/	/	/	/	21.12	20.38	21.70
	66	20	QPSK	100	0	132072	66536	2	20	700	2	20	1100	/	/	/	/	/	/	21.69	21.11	21.49
CA_4A-4A-5A	4	20	16QAM	1	0	20300	2300	4	20	2050	5	10	2525	/	/	/	/	/	/	22.33	21.72	22.70
	5	10	QPSK	1	0	20600	2600	4	20	2050	4	20	2300	/	/	/	/	/	/	23.93	23.24	25.00
CA_4A-4A-7A	4	20	16QAM	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	22.33	21.73	22.70
	7	20	16QAM	1	99	21350	3350	4	20	2050	4	20	2300	/	/	/	/	/	/	21.12	20.45	21.20
CA_4A-4A-12A	4	20	16QAM	1	0	20300	2300	4	20	2050	12	10	5095	/	/	/	/	/	/	22.33	21.67	22.70
CA_4A-12B	4	20	16QAM	1	0	20300	2300	12	5	5095	12	5	5143	/	/	/	/	/	/	22.33	21.67	22.70
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.33	25.00
	7	20	16QAM	1	99	21350	3350	7	20	3152	5	10	2525	/	/	/	/	/	/	21.12	20.40	21.20
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.27	25.00
	7	20	16QAM	1	99	21350	3350	7	20	2850	5	10	2525	/	/	/	/	/	/	21.12	20.48	21.20
CA_2A-4A-5A	2	20	QPSK	1	50	18700	700	4	20	2175	5	10	2525	/	/	/	/	/	/	21.12	20.46	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	22.33	21.58	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	4	20	2175	/	/	/	/	/	/	23.93	23.35	25.00
CA_2A-5A-66A	2	20	QPSK	1	50	18700	700	5	10	2525	66	20	66786	/	/	/	/	/	/	21.12	20.39	21.70
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	/	/	/	/	/	/	23.93	23.26	25.00
	66	20	QPSK	100	0	132072	66536	2	20	900	5	10	2525	/	/	/	/	/	/	21.69	20.92	21.49
CA_2A-2A-66C	2	20	QPSK	1	50	18700	700	2	20	1100	66	20	66786	66	20	66984	/	/	/	21.12	20.11	21.70
	66	20	QPSK	100	0	132072	66536	66	20	66734	2	20	700	2	20	1100	/	/	/	21.69	20.68	21.49
CA_7A-7A-66A-66A	7	20	16QAM	1	99	21350	3350	7	20	2850	66	20	66536	66	20	67036	/	/	/	21.12	20.13	21.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	21.69	20.72	21.49
CA_7C-66A-66A	7	20	16QAM	1	99	21350	3350	7	20	3152	66	20	66536	66	20	67036	/	/	/	21.12	20.12	21.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	7	20	3298	/	/	/	21.69	20.71	21.49
CA_2A-4A-7A-7A	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	21.12	20.07	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	22.33	21.44	22.70
	7	20	16QAM	1	99	21350	3350	7	20	2850	2	20	900	4	20	2175	/	/	/	21.12	20.21	21.20
CA_2A-4A-7C	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	21.12	20.17	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	22.33	21.41	22.70
	7	20	16QAM	1	99	21350	3350	7	20	3152	2	20	900	4	20	2175	/	/	/	21.12	20.21	21.20
CA_2A-5A-66C	2	20	QPSK	1	50	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	21.12	20.14	21.70
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	22.98	25.00
	66	20	QPSK	100	0	132072	66536	66	20	66734	2	20	900	5	10	2450	/	/	/	21.69	20.69	21.49
CA_2A-7A-7A-66A	2	20	QPSK	1	50	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	21.12	20.06	21.70
	7	20	16QAM	1	99	21350	3350	7	20	2850	2	20	900	66	20	66786	/	/	/	21.12	20.12	21.20
	66	20	QPSK	100	0	132072	66536	7	20	2850	7	20	3350	2	20	900	/	/	/	21.69	20.62	21.49
CA_2A-7A-66A-66A	2	20	QPSK	1	50	18700	700	7	20	3100	66	20	66536	66	20	67036	/	/	/	21.12	20.11	21.70
	7	20	16QAM	1	99	21350	3350	2	20	900	66	20	66536	66	20	67036	/	/	/	21.12	20.20	21.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	2	20	900	/	/	/	21.69	20.73	21.49
CA_2A-4A-7A-12A	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	21.12	20.12	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	22.33	21.26	22.70
	7	20	16QAM	1	99	21350	3350	2	20	900	4	20	2175	12	10	5095	/	/	/	21.12	20.16	21.20
CA_2A-7A-12A-66A	2	20	QPSK	1	50	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	21.12	20.10	21.70
	7	20	16QAM	1	99	21350	3350	2	20	900	12	10	5095	66	20	66786	/	/	/	21.12	20.07	21.20
	66	20	QPSK	100	0	132072	66536	2	20	900	7	20	3100	12	10	5095	/	/	/	21.69	20.75	21.49
CA_2A-7A-12B-66A	2	20	QPSK	1	50	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	21.12	20.07	21.70
	7	20	16QAM	1	99	21350	3350	2	20	900	12	5	5095	12	5	5143	66	20	66786	21.12	20.15	21.20
	66	20	QPSK	100	0	132072	66536	7	20	3100	12	5	5095	12	5	5143	2	20	900	21.69	20.67	21.49

Table 111: Conducted power measurement results of DL CA(Main Antenna,Reduced Power Level D3/D6)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_2C	2	20	64QAM	1	99	18700	700	2	20	898	/	/	/	/	/	/	/	/	/	19.79	19.33	20.20
CA_2A-17A	2	20	64QAM	1	99	18700	700	17	10	5790	/	/	/	/	/	/	/	/	/	19.79	19.27	20.20
	17	10	QPSK	1	25	23780	5780	2	20	900	/	/	/	/	/	/	/	/	/	23.87	23.41	25.00
CA_2A-4A-4A	2	20	64QAM	1	99	18700	700	4	20	2050	4	20	2300	/	/	/	/	/	/	19.79	19.27	20.20
	4	20	16QAM	1	0	20300	2300	4	20	2050	2	20	900	/	/	/	/	/	/	22.33	21.96	22.70
CA_2A-2A-5A	2	20	64QAM	1	99	18700	700	2	20	1100	5	10	2525	/	/	/	/	/	/	19.79	19.43	20.20
	5	10	QPSK	1	0	20600	2600	2	20	700	2	20	1100	/	/	/	/	/	/	23.93	23.57	25.00
CA_2A-2A-12A	2	20	64QAM	1	99	18700	700	2	20	1100	12	10	5095	/	/	/	/	/	/	19.79	19.41	20.20
	12	10	QPSK	1	25	23130	5130	2	20	700	2	20	1100	/	/	/	/	/	/	23.65	23.19	25.00
CA_2A-2A-66A	2	20	64QAM	1	99	18700	700	2	20	1100	66	20	66786	/	/	/	/	/	/	19.79	19.46	20.20
	66	20	QPSK	100	0	132072	66536	2	20	700	2	20	1100	/	/	/	/	/	/	21.69	21.30	22.70
CA_4A-4A-7A	4	20	16QAM	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	22.33	21.81	22.70
	7	20	16QAM	1	50	20850	2850	4	20	2050	4	20	2300	/	/	/	/	/	/	19.04	18.57	19.20
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.45	25.00
	7	20	16QAM	1	50	20850	2850	7	20	3048	5	10	2525	/	/	/	/	/	/	19.04	18.56	19.20
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.47	25.00
	7	20	16QAM	1	50	20850	2850	7	20	3350	5	10	2525	/	/	/	/	/	/	19.04	18.69	19.20
CA_2A-4A-5A	2	20	64QAM	1	99	18700	700	4	20	2175	5	10	2525	/	/	/	/	/	/	19.79	19.44	20.20
	4	20	16QAM	1	0	20300	2300	2	20	900	5	10	2525	/	/	/	/	/	/	22.33	21.81	22.70
	5	10	QPSK	1	0	20600	2600	2	20	900	4	20	2175	/	/	/	/	/	/	23.93	23.51	25.00
CA_2A-5A-66A	2	20	64QAM	1	99	18700	700	5	10	2525	66	20	66786	/	/	/	/	/	/	19.79	19.46	20.20
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	/	/	/	/	/	/	23.93	23.57	25.00
	66	20	QPSK	100	0	132072	66536	2	20	900	5	10	2600	/	/	/	/	/	/	21.69	21.20	22.70
CA_2A-2A-66C	2	20	64QAM	1	99	18700	700	2	20	1100	66	20	66786	66	20	66984	/	/	/	19.79	19.01	20.20
	66	20	QPSK	100	0	132072	66536	66	20	66734	2	20	700	2	20	1100	/	/	/	21.69	20.95	22.70
CA_7A-7A-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3350	66	20	66536	66	20	67036	/	/	/	19.04	18.24	19.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	7	20	3350	/	/	/	21.69	20.98	22.70
CA_7C-66A-66A	7	20	16QAM	1	50	20850	2850	7	20	3048	66	20	66536	66	20	67036	/	/	/	19.04	18.27	19.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	7	20	3350	/	/	/	21.69	20.97	22.70
CA_2A-4A-7A-7A	2	20	64QAM	1	99	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	19.79	19.12	20.20
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	22.33	21.64	22.70
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	4	20	2175	/	/	/	19.04	18.37	19.20
CA_2A-4A-7C	2	20	64QAM	1	99	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	19.79	19.10	20.20
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	22.33	21.57	22.70
	7	20	16QAM	1	50	20850	2850	7	20	3048	2	20	900	4	20	2175	/	/	/	19.04	18.23	19.20
CA_2A-5A-66C	2	20	64QAM	1	99	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	19.79	19.09	20.20
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	23.12	25.00
	66	20	QPSK	100	0	132072	66536	66	20	66734	2	20	900	5	10	2525	/	/	/	21.69	21.05	22.70
CA_2A-7A-7A-66A	2	20	64QAM	1	99	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	19.79	19.10	20.20
	7	20	16QAM	1	50	20850	2850	7	20	3350	2	20	900	66	20	66786	/	/	/	19.04	18.38	19.20
	66	20	QPSK	100	0	132072	66536	7	20	2850	7	20	3350	2	20	900	/	/	/	21.69	20.99	22.70
CA_2A-7A-66A-66A	2	20	64QAM	1	99	18700	700	7	20	3100	66	20	66786	66	20	66536	/	/	/	19.79	19.05	20.20
	7	20	16QAM	1	50	20850	2850	2	20	900	66	20	66536	66	20	67036	/	/	/	19.04	18.36	19.20
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	2	20	900	/	/	/	21.69	20.98	22.70
CA_2A-4A-7A-12A	2	20	64QAM	1	99	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	19.79	19.11	20.20
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	22.33	21.57	22.70
	7	20	16QAM	1	50	20850	2850	2	20	900	4	20	2175	12	10	5095	/	/	/	19.04	18.34	19.20
CA_2A-7A-12A-66A	2	20	64QAM	1	99	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	19.79	18.98	20.20
	7	20	16QAM	1	50	20850	2850	2	20	900	12	10	5095	66	20	66786	/	/	/	19.04	18.33	19.20
	66	20	QPSK	100	0	132072	66536	2	20	900	7	20	3100	12	10	5095	/	/	/	21.69	20.98	22.70
CA_2A-7A-12B-66A	2	20	64QAM	1	99	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	19.79	19.01	20.20
	7	20	16QAM	1	50	20850	2850	2	20	900	12	5	5095	12	5	5143	66	20	66786	19.04	18.25	19.20
	66	20	QPSK	100	0	132072	66536	7	20	3100	12	5	5095	12	5	5143	2	20	700	21.69	20.90	22.70

Table 112: Conducted power measurement results of DL CA(Main Antenna,Reduced Power Level D4)

DL LTE CA Class	PCC							SCC1			SCC2			SCC3			SCC4			Power		
	PCC Band	PCC Bandwidth (MHz)	Modulation	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTE Tx Power (dBm)	DL LTE CA Tx Power (dBm)	Tune-up
CA_4A-4A-7A	4	20	16QAM	1	0	20300	2300	4	20	2050	7	20	3100	/	/	/	/	/	/	22.33	22.02	22.70
	7	20	64QAM	1	50	21350	3350	4	20	2050	4	20	2300	/	/	/	/	/	/	20.48	20.01	20.70
CA_5A-7C	5	10	QPSK	1	0	20600	2600	7	20	3100	7	20	3298	/	/	/	/	/	/	23.93	23.48	25.00
	7	20	64QAM	1	50	21350	3350	7	20	3152	5	10	2525	/	/	/	/	/	/	20.48	19.98	20.70
CA_5A-7A-7A	5	10	QPSK	1	0	20600	2600	7	20	2850	7	20	3350	/	/	/	/	/	/	23.93	23.55	25.00
	7	20	64QAM	1	50	21350	3350	7	20	2850	5	10	2525	/	/	/	/	/	/	20.48	20.17	20.70
CA_7A-7A-66A-66A	7	20	64QAM	1	50	21350	3350	7	20	2850	66	20	66536	66	20	67036	/	/	/	20.48	19.93	20.70
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	2850	7	20	3350	/	/	/	21.69	21.09	22.70
CA_7C-66A-66A	7	20	64QAM	1	50	21350	3350	7	20	3152	66	20	66536	66	20	67036	/	/	/	20.48	19.82	20.70
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	7	20	3350	/	/	/	21.69	21.15	22.70
CA_2A-4A-7A-7A	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	2850	7	20	3350	/	/	/	21.12	20.60	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	2850	7	20	3350	/	/	/	22.33	21.81	22.70
	7	20	64QAM	1	50	21350	3350	7	20	2850	2	20	900	4	20	2175	/	/	/	20.48	19.84	20.70
CA_2A-4A-7C	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	3100	7	20	3298	/	/	/	21.12	20.51	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	7	20	3298	/	/	/	22.33	21.76	22.70
	7	20	64QAM	1	50	21350	3350	7	20	3152	2	20	900	4	20	2175	/	/	/	20.48	19.80	20.70
CA_2A-5A-66C	2	20	QPSK	1	50	18700	700	5	10	2525	66	20	66786	66	20	66984	/	/	/	21.12	20.44	21.70
	5	10	QPSK	1	0	20600	2600	2	20	900	66	20	66786	66	20	66984	/	/	/	23.93	23.29	25.00
	66	20	QPSK	100	0	132072	66536	66	20	66734	2	20	900	5	10	2525	/	/	/	21.69	21.01	22.70
CA_2A-7A-7A-66A	2	20	QPSK	1	50	18700	700	7	20	2850	7	20	3350	66	20	66786	/	/	/	21.12	20.48	21.70
	7	20	64QAM	1	50	21350	3350	7	20	2850	2	20	900	66	20	66786	/	/	/	20.48	19.85	20.70
	66	20	QPSK	100	0	132072	66536	7	20	2850	7	20	3350	2	20	900	/	/	/	21.69	20.99	22.70
CA_2A-7A-66A-66A	2	20	QPSK	1	50	18700	700	7	20	3100	66	20	66536	66	20	67036	/	/	/	21.12	20.53	21.70
	7	20	64QAM	1	50	21350	3350	2	20	900	66	20	66536	66	20	67036	/	/	/	20.48	19.80	20.70
	66	20	QPSK	100	0	132072	66536	66	20	67036	7	20	3100	2	20	900	/	/	/	21.69	21.10	22.70
CA_2A-4A-7A-12A	2	20	QPSK	1	50	18700	700	4	20	2175	7	20	3100	12	10	5095	/	/	/	21.12	20.59	21.70
	4	20	16QAM	1	0	20300	2300	2	20	900	7	20	3100	12	10	5095	/	/	/	22.33	21.71	22.70
	7	20	64QAM	1	50	21350	3350	2	20	900	4	20	2175	12	10	5095	/	/	/	20.48	19.86	20.70
CA_2A-7A-12A-66A	2	20	QPSK	1	50	18700	700	7	20	3100	12	10	5095	66	20	66786	/	/	/	21.12	20.51	21.70
	7	20	64QAM	1	50	21350	3350	2	20	900	12	10	5095	66	20	66786	/	/	/	20.48	19.95	20.70
	66	20	QPSK	100	0	132072	66536	2	20	900	7	20	3100	12	10	5095	/	/	/	21.69	21.14	22.70
CA_2A-7A-12B-66A	2	20	QPSK	1	50	18700	700	7	20	3100	12	5	5095	12	5	5143	66	20	66786	21.12	20.40	21.70
	7	20	64QAM	1	50	21350	3350	2	20	900	12	5	5095	12	5	5143	66	20	66786	20.48	19.63	20.70
	66	20	QPSK	100	0	132072	66536	7	20	3100	12	5	5095	12	5	5143	2	20	900	21.69	20.82	22.70

Table 113: Conducted power measurement results of DL CA(Main Antenna,Reduced Power Level D5)

7.1.32 Conducted Power measurements of Uplink LTE CA

For Intra-band uplink LTE CA measurement (Uplink CA_7C, CA_38C, CA_41C), the following procedure is applied:

Maximum output power is measured for each UL CA configuration for the required test channels :

- UL PCC configuration is determined by the required test channel
- SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band.

The MPR information for Intra-band uplink LTE CA is as below:

For intra-band contiguous carrier aggregation the allowed Maximum Power Reduction (MPR) for the maximum output power in Table 6.2.2A.0-2 due to higher order modulation and contiguously allocated transmissions (resource blocks) is specified in Table 6.2.3A.1.3-1. In case the modulation format is different on different component carriers then the MPR is determined by the rules applied to higher order of those modulations

Table 6.2.3A.1.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	CA bandwidth Class B and C							MPR (dB)
	25 RB + 50 RB	50 RB + 50 RB	25 RB + 100 RB	50 RB + 100 RB	75 RB + 75 RB	75 RB + 100 RB	100 RB + 100 RB	
QPSK	> 8 and ≤ 25	> 12 and ≤ 50	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 16 and ≤ 75	> 18 and ≤ 100	≤ 1
QPSK	> 25	> 50	> 25	> 50	> 75	> 75	> 100	≤ 2
16 QAM	≤ 8	≤ 12	≤ 8	≤ 12	≤ 16	≤ 16	≤ 18	≤ 1
16 QAM	> 8 and ≤ 25	> 12 and ≤ 50	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 16 and ≤ 75	> 18 and ≤ 100	≤ 2
16 QAM	> 25	> 50	> 25	> 50	> 75	> 75	> 100	≤ 3

Table 114: MPR information for Uplink intra-band contiguous CA(QPSK and 16QAM)

For intra-band contiguous carrier aggregation the allowed Maximum Power Reduction (MPR) for the maximum output power in Table 6.2.2A.0-2due to higher order modulation and contiguously aggregated transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3A.1_1.3-1. In case the modulation format is different on different component carriers then the MPR is determined by the rules applied to higher order of those modulations.

Table 6.2.3A.1_1.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	CA bandwidth Class B and C							MPR (dB)
	25 RB + 50 RB	50 RB + 50 RB	25 RB + 100 RB	50 RB + 100 RB	75 RB + 75 RB	75 RB + 100 RB	100 RB + 100 RB	
64 QAM	≤ 8 and allocation wholly contained within a single CC	≤ 12 and allocation wholly contained within a single CC	≤ 8 and allocation wholly contained within a single CC	≤ 12 and allocation wholly contained within a single CC	≤ 16 and allocation wholly contained within a single CC	≤ 16 and allocation wholly contained within a single CC	≤ 18 and allocation wholly contained within a single CC	≤ 2
64 QAM	> 8 or allocation extends across two CC's	> 12 or allocation extends across two CC's	> 8 or allocation extends across two CC's	> 12 or allocation extends across two CC's	> 16 or allocation extends across two CC's	> 16 or allocation extends across two CC's	> 18 or allocation extends across two CC's	≤ 3

Table 115: MPR information for Uplink intra-band contiguous CA(64QAM)

The UL CA conducted power measurements results are as below:

Antenna	CA Combanation	Test Scenario	Modulation	PCC(UL)						SCC1(DL)					SCC2(DL)					Power	
				PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC UL Channel	SCC UL RB size	SCC UL RB offset	SCC Band	SCC Bandwidth (MHz)	SCC UL Channel	SCC UL RB size	SCC UL RB offset	conducted power (dbm)	Tune up (dbm)
SEC ANT	CA_7C	Full Power	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	20.66	22.20
SEC ANT	CA_7C	Full Power	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	**20.82**	22.20
SEC ANT	CA_7C	Full Power	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	20.65	22.20
SEC ANT	CA_7C	Full Power	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	20.70	22.20
SEC ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	**15.48**	16.70
SEC ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	15.58	16.70
SEC ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	15.57	16.70
SEC ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	15.55	16.70
SEC ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	16.98	18.20
SEC ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	**17.01**	18.20
SEC ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	16.97	18.20
SEC ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	16.94	18.20
SEC ANT	CA_7C	Reduced Power Level D3	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	11.35	12.70
SEC ANT	CA_7C	Reduced Power Level D3	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	11.48	12.70
SEC ANT	CA_7C	Reduced Power Level D3	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	11.47	12.70
SEC ANT	CA_7C	Reduced Power Level D3	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	11.32	12.70
MAIN ANT	CA_7C	Full Power	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	22.60	24.20
MAIN ANT	CA_7C	Full Power	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	**22.61**	24.20
MAIN ANT	CA_7C	Full Power	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	22.56	24.20

MAIN ANT	CA_7C	Full Power	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	22.54	24.20
MAIN ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	20.33	22.20
MAIN ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	20.39	22.20
MAIN ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	20.36	22.20
MAIN ANT	CA_7C	Reduced Power Level D1	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	20.28	22.20
MAIN ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	21.85	23.70
MAIN ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	21.98	23.70
MAIN ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	21.92	23.70
MAIN ANT	CA_7C	Reduced Power Level D2	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	21.86	23.70
MAIN ANT	CA_7C	Reduced Power Level D3/D6	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	19.40	21.20
MAIN ANT	CA_7C	Reduced Power Level D3/D6	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	19.45	21.20
MAIN ANT	CA_7C	Reduced Power Level D3/D6	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	19.33	21.20
MAIN ANT	CA_7C	Reduced Power Level D3/D6	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	19.35	21.20
MAIN ANT	CA_7C	Reduced Power Level D4	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	17.42	19.20
MAIN ANT	CA_7C	Reduced Power Level D4	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	17.55	19.20
MAIN ANT	CA_7C	Reduced Power Level D4	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	17.52	19.20
MAIN ANT	CA_7C	Reduced Power Level D4	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	17.45	19.20
MAIN ANT	CA_7C	Reduced Power Level D5	QPSK	7	20	1	99	20850	2850	7	20	21048	1	0	/	/	/	/	/	18.96	20.70
MAIN ANT	CA_7C	Reduced Power Level D5	QPSK	7	20	1	99	21100	3100	7	20	21298	1	0	/	/	/	/	/	19.03	20.70
MAIN ANT	CA_7C	Reduced Power Level D5	QPSK	7	20	1	0	21100	3100	7	20	20902	1	99	/	/	/	/	/	18.97	20.70
MAIN ANT	CA_7C	Reduced Power Level D5	QPSK	7	20	1	0	21350	3350	7	20	21152	1	99	/	/	/	/	/	18.92	20.70
SEC ANT	CA_38C	Full Power	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	**20.70**	22.13
SEC ANT	CA_38C	Full Power	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	20.66	22.13

SEC ANT	CA_38C	Reduced Power Level D1	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	**16.84**	18.13
SEC ANT	CA_38C	Reduced Power Level D1	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	16.70	18.13
SEC ANT	CA_38C	Reduced Power Level D2	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	**17.83**	19.13
SEC ANT	CA_38C	Reduced Power Level D2	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	17.80	19.13
SEC ANT	CA_38C	Reduced Power Level D3	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	13.79	15.13
SEC ANT	CA_38C	Reduced Power Level D3	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	13.73	15.13
MAIN ANT	CA_38C	Full Power	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	**22.24**	23.63
MAIN ANT	CA_38C	Full Power	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	22.17	23.63
MAIN ANT	CA_38C	Reduced Power Level D3/D4/D5/D6	QPSK	38	20	1	99	37850	2580	38	20	38048	1	0	/	/	/	/	/	**21.30**	22.63
MAIN ANT	CA_38C	Reduced Power Level D3/D4/D5/D6	QPSK	38	20	1	0	38150	2610	38	20	37952	1	99	/	/	/	/	/	21.22	22.63
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	**21.12**	22.33
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	21.00	22.33
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	21.03	22.33
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	21.06	22.33
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	21.05	22.33
SEC ANT	CA_41C	Full Power	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	21.01	22.33
SEC ANT	UL CA_41C With DL CA_41D	Full Power	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	41	20	40536	100	0	21.03	22.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	**17.15**	18.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	17.10	18.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	17.12	18.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	17.11	18.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	17.02	18.33
SEC ANT	CA_41C	Reduced Power Level D1	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	17.04	18.33

SEC ANT	UL CA_41C With DL CA_41D	Reduced Power Level D1	QPSK	41	20	1	0	40473	40473	41	20	40275	1	0	41	20	40536	100	0	17.06	18.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	**17.91**	19.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	17.88	19.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	17.81	19.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	17.80	19.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	17.79	19.33
SEC ANT	CA_41C	Reduced Power Level D2	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	17.82	19.33
SEC ANT	UL CA_41C With DL CA_41D	Reduced Power Level D2	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	41	20	40536	100	0	17.84	19.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	13.94	15.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	13.92	15.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	13.88	15.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	13.85	15.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	13.87	15.33
SEC ANT	CA_41C	Reduced Power Level D3	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	13.90	15.33
SEC ANT	UL CA_41C With DL CA_41D	Reduced Power Level D3	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	41	20	40536	100	0	13.81	15.33
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	**22.36**	23.83
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	22.18	23.83
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	22.00	23.83
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	22.15	23.83
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	22.02	23.83
MAIN ANT	CA_41C	Full Power	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	21.85	23.83
MAIN ANT	UL CA_41C With DL CA_41D	Full Power	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	41	20	40536	100	0	22.21	23.83
MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	99	40140	40140	41	20	40338	1	0	/	/	/	/	/	**21.20**	22.83

MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	99	40473	40473	41	20	40671	1	0	/	/	/	/	/	21.15	22.83
MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	0	40473	40473	41	20	40275	1	99	/	/	/	/	/	21.06	22.83
MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	99	40807	40807	41	20	41005	1	0	/	/	/	/	/	21.11	22.83
MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	0	40807	40807	41	20	40609	1	99	/	/	/	/	/	21.08	22.83
MAIN ANT	CA_41C	Reduced Power Level D3/D4/D5/D6	QPSK	41	20	1	0	41140	41140	41	20	40942	1	99	/	/	/	/	/	21.01	22.83

Table 116: Additional Conducted Power test results of UL inter-band CA

Note: For uplink CA, additional SAR test is only required on the uplink CA configurations with 2 component carriers downlink. Additional SAR test is not required for uplink CA configurations with 3~4 component carriers downlink because the highest UL CA output power configuration with 3~4 component carriers downlink is < ¼ dB higher than the same UL CA output power configuration with 2 component carriers downlink.

7.1.33 Conducted power measurements of WiFi 2.4G

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11b	Ant5(Core0)	1	2412	1Mbps	17.50	17.17	No
		2	2417		19.00	**18.15**	Yes
		6	2437		19.00	**18.19**	Yes
		11	2462		19.00	**18.03**	Yes
	Ant6(Core1)	1	2412	1Mbps	17.50	17.29	No
		2	2417		18.50	**18.18**	Yes
		6	2437		18.50	**18.20**	Yes
		11	2462		18.50	**18.14**	Yes
802.11g	Ant5(Core0)	1	2412	6Mbps	11.50	11.08	No
		2	2417		18.00	**17.17**	Yes
		6	2437		18.00	**17.28**	Yes
		10	2457		18.00	**17.03**	Yes
		11	2462		11.50	10.23	No
	Ant6(Core1)	1	2412	6Mbps	11.50	10.93	No
		2	2417		17.50	**17.09**	Yes
		6	2437		17.50	**17.10**	Yes
		10	2457		17.50	**17.05**	Yes
		11	2462		11.50	10.81	No
802.11n SISO 20M	Ant5(Core0)	1	2412	MCS0	11.50	10.84	No
		2	2417		17.00	16.18	No
		6	2437		17.00	16.32	No
		10	2457		17.00	16.10	No
		11	2462		11.50	10.75	No
	Ant6(Core1)	1	2412	MCS0	11.50	10.84	No
		2	2417		16.50	15.97	No
		6	2437		16.50	15.94	No
		10	2457		16.50	16.05	No
		11	2462		11.50	10.65	No
802.11n SISO 40M	Ant5(Core0)	3	2422	MCS0	9.00	7.93	No
		4	2427		17.00	16.15	No
		6	2437		17.00	16.21	No
		7	2442		8.00	6.98	No
		8	2447		8.00	6.90	No
		9	2452		8.00	6.74	No
	Ant6(Core1)	3	2422	MCS0	9.00	8.51	No
		4	2427		16.50	15.68	No
		6	2437		16.50	15.73	No
		7	2442		8.00	6.95	No
		8	2447		8.00	6.82	No
		9	2452		8.00	6.79	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11g CDD	Ant5(Core0)	1	2412	6Mbps	11.50	11.08	No
		2	2417		18.00	17.17	No
		6	2437		18.00	17.28	No
		10	2457		18.00	17.03	No

		11	2462		11.50	10.23	No
	Ant6(Core1)	1	2412	6Mbps	11.50	10.93	No
		2	2417		17.50	17.09	No
		6	2437		17.50	17.10	No
		10	2457		17.50	17.05	No
		11	2462		11.50	10.81	No
	Sum	1	2412	6Mbps	14.50	14.02	No
		2	2417		20.80	20.14	No
		6	2437		20.80	20.20	No
		10	2457		20.80	20.05	No
		11	2462		14.50	13.54	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 20M	Ant5(Core0)	1	2412	MCS8	11.50	10.84	No
		2	2417		17.00	16.18	No
		6	2437		17.00	16.32	No
		10	2457		17.00	16.10	No
		11	2462		11.50	10.75	No
	Ant6(Core1)	1	2412	MCS8	11.50	10.84	No
		2	2417		16.50	15.97	No
		6	2437		16.50	15.94	No
		10	2457		16.50	16.05	No
		11	2462		11.50	10.65	No
	Sum	1	2412	MCS8	14.50	13.85	No
		2	2417		19.80	19.09	No
		6	2437		19.80	19.14	No
		10	2457		19.80	19.09	No
		11	2462		14.50	13.71	No
802.11n MIMO 40M	Ant5(Core0)	3	2422	MCS8	9.00	7.93	No
		4	2427		17.00	16.15	No
		6	2437		17.00	16.21	No
		7	2442		8.00	6.98	No
		8	2447		8.00	6.90	No
		9	2452		8.00	6.74	No
	Ant6(Core1)	3	2422	MCS8	9.00	8.51	No
		4	2427		16.50	15.68	No
		6	2437		16.50	15.73	No
		7	2442		8.00	6.95	No
		8	2447		8.00	6.82	No
		9	2452		8.00	6.79	No
	Sum	3	2422	MCS8	12.00	11.24	No
		4	2427		19.80	18.93	No
		6	2437		19.80	18.99	No
		7	2442		11.00	9.98	No
		8	2447		11.00	9.87	No
		9	2452		11.00	9.78	No

Table 117: Test results conducted power measurement of WiFi 2.4G (Receiver OFF)

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11b	Ant5(Core0)	1	2412	1Mbps	11.00	**10.23**	Yes
		6	2437		11.00	**10.51**	Yes
		11	2462		11.00	**10.50**	Yes
	Ant6(Core1)	1	2412	1Mbps	11.00	**10.49**	Yes
		6	2437		11.00	**10.56**	Yes
		11	2462		11.00	**10.55**	Yes
802.11g SISO	Ant5(Core0)	1	2412	6Mbps	11.00	10.01	No
		6	2437		11.00	10.35	No
		11	2462		11.00	10.13	No
	Ant6(Core1)	1	2412	6Mbps	11.00	10.00	No
		6	2437		11.00	10.22	No
		11	2462		11.00	10.10	No
802.11n SISO 20M	Ant5(Core0)	1	2412	MCS0	11.00	10.14	No
		6	2437		11.00	10.11	No
		11	2462		11.00	10.18	No
	Ant6(Core1)	1	2412	MCS0	11.00	10.13	No
		6	2437		11.00	10.24	No
		11	2462		11.00	10.17	No
802.11n SISO 40M	Ant5(Core0)	3	2422	MCS0	9.00	7.37	No
		4	2427		11.00	**10.19**	Yes
		5	2432		11.00	**10.18**	Yes
		6	2437		11.00	**10.20**	Yes
		7	2442		8.00	6.61	No
		8	2447		8.00	6.63	No
		9	2452		8.00	6.75	No
	Ant6(Core1)	3	2422	MCS0	9.00	7.55	Yes
		4	2427		11.00	**10.19**	Yes
		6	2437		11.00	**10.25**	Yes
		5	2432		11.00	**10.15**	Yes
		7	2442		8.00	6.40	No
		8	2447		8.00	6.31	No
		9	2452		8.00	6.86	No
Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11g CDD	Ant5(Core0)	1	2412	6Mbps	11.00	10.01	No
		6	2437		11.00	10.35	No
		11	2462		11.00	10.13	No
	Ant6(Core1)	1	2412	6Mbps	11.00	10.00	No
		6	2437		11.00	10.22	No
		11	2462		11.00	10.10	No
	Sum	1	2412	MCS8	14.00	13.02	No
		6	2437		14.00	13.30	No
		11	2462		14.00	13.13	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 20M	Ant5(Core0)	1	2412	MCS8	11.00	10.14	No
		6	2437		11.00	10.11	No
		11	2462		11.00	10.18	No
	Ant6(Core1)	1	2412	MCS8	11.00	10.13	No

		6	2437		11.00	10.24	No
		11	2462		11.00	10.17	No
	Sum	1	2412	MCS8	14.00	13.15	No
		6	2437		14.00	13.19	No
		11	2462		14.00	13.19	No
802.11n MIMO 40M	Ant5(Core0)	3	2422	MCS8	9.00	7.37	No
		4	2427		11.00	10.19	No
		5	2432		11.00	10.18	No
		6	2437		11.00	10.20	No
		7	2442		8.00	6.61	No
		8	2447		8.00	6.63	No
		9	2452		8.00	6.75	No
	Ant6(Core1)	3	2422	MCS8	9.00	7.55	No
		4	2427		11.00	10.19	No
		5	2432		11.00	10.15	No
		6	2437		11.00	10.25	No
		7	2442		8.00	6.40	No
		8	2447		8.00	6.31	No
		9	2452		8.00	6.26	No
	Sum	3	2422	MCS8	12.00	10.47	No
		4	2427		14.00	13.20	No
		5	2432		11.00	13.18	No
		6	2437		14.00	13.24	No
		7	2442		11.00	9.52	No
		8	2447		11.00	9.48	No
		9	2452		11.00	9.52	No

Table 118: Test results conducted power measurement of WiFi 2.4G (Receiver ON)

Note:

1) The bolded mode was selected for SAR testing.

2) As different maximum tune-up output power is specified across the different channels range. So the additional conducted power measurement for the adjacent channel of each power level stage is also performed in this report to ensure compliance.

7.1.34 Conducted power measurements of WiFi 5G

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11a	Ant5(Core0)	CH 36	5180	6Mbps	11.50	11.40	No
		CH 40	5200		17.00	**16.60**	Yes
		CH 44	5220		17.00	**16.63**	Yes
		CH 48	5240		17.00	**16.60**	Yes
		CH 52	5260		17.00	**16.74**	Yes
		CH 56	5280		17.00	**16.89**	Yes
		CH 60	5300		17.00	**16.88**	Yes
		CH 64	5320		11.50	11.38	No
		CH 100	5500		11.50	10.75	No
		CH 104	5520		17.00	**16.58**	Yes
		CH 108	5540		17.00	16.71	No
		CH 112	5560		17.00	16.62	No
		CH 116	5580		17.00	**16.89**	Yes
		CH 120	5600		17.00	16.87	No
		CH 124	5620		17.00	16.88	No
		CH 128	5640		17.00	16.88	No
		CH 132	5660		17.00	16.84	No
		CH 136	5680		17.00	**16.88**	Yes
		CH 140	5700		10.50	10.22	No
		CH 149	5745		11.50	11.20	No
		CH 153	5765		11.50	11.39	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	6Mbps	11.50	11.32	No
		CH 40	5200		16.50	**16.31**	Yes
		CH 44	5220		16.50	**16.32**	Yes
		CH 48	5240		16.50	**16.31**	Yes
		CH 52	5260		16.50	**16.31**	Yes
		CH 56	5280		16.50	**16.32**	Yes
		CH 60	5300		16.50	**16.30**	Yes
		CH 64	5320		11.50	11.40	No
		CH 100	5500		11.50	11.39	No
		CH 104	5520		16.50	**16.31**	Yes
		CH 108	5540		16.50	16.29	No
		CH 112	5560		16.50	16.31	No
		CH 116	5580		16.50	**16.32**	Yes
		CH 120	5600		16.50	16.31	No
		CH 124	5620		16.50	16.30	No
		CH 128	5640		16.50	16.31	No
		CH 132	5660		16.50	16.30	No
		CH 136	5680		16.50	**16.31**	Yes
		CH 140	5700		10.50	10.38	No
		CH 149	5745		11.50	11.31	No
		CH 153	5765		11.50	11.30	No
		CH 157	5785		11.50	11.32	No
		CH 161	5805		11.50	11.32	No
		CH 165	5825		11.50	11.31	No
Mode	Antenna	Channel			Tune-up	Average	

			Frequency (MHz)	Data Rate (Mbps)	Max.	Power (dBm)	SAR Test (Yes/No)
802.11n SISO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	10.89	No
		CH 40	5200		17.00	16.16	No
		CH 44	5220		17.00	15.94	No
		CH 48	5240		17.00	16.13	No
		CH 52	5260		17.00	16.35	No
		CH 56	5280		17.00	16.25	No
		CH 60	5300		17.00	16.51	No
		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	10.24	No
		CH 104	5520		17.00	16.06	No
		CH 108	5540		17.00	16.14	No
		CH 112	5560		17.00	16.25	No
		CH 116	5580		17.00	16.87	No
		CH 120	5600		17.00	16.60	No
		CH 124	5620		17.00	16.83	No
		CH 128	5640		17.00	16.61	No
		CH 132	5660		17.00	16.80	No
		CH 136	5680		17.00	16.39	No
		CH 140	5700		10.50	9.76	No
		CH 149	5745		11.50	11.01	No
		CH 153	5765		11.50	11.38	No
		CH 157	5785		11.50	11.03	No
		CH 161	5805		11.50	11.25	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.39	No
		CH 40	5200		16.50	16.26	No
		CH 44	5220		16.50	16.39	No
		CH 48	5240		16.50	16.08	No
		CH 52	5260		16.50	16.14	No
		CH 56	5280		16.50	15.94	No
		CH 60	5300		16.50	15.84	No
		CH 64	5320		11.50	10.91	No
		CH 100	5500		11.50	11.05	No
		CH 104	5520		16.50	16.40	No
		CH 108	5540		16.50	15.85	No
		CH 112	5560		16.50	15.85	No
		CH 116	5580		16.50	15.87	No
		CH 120	5600		16.50	16.08	No
		CH 124	5620		16.50	16.25	No
		CH 128	5640		16.50	16.36	No
		CH 132	5660		16.50	16.40	No
		CH 136	5680		16.50	16.40	No
		CH 140	5700		10.50	10.40	No
		CH 149	5745		11.50	11.33	No
		CH 153	5765		11.50	11.28	No
		CH 157	5785		11.50	11.29	No
		CH 161	5805		11.50	11.08	No
		CH 165	5825		11.50	11.40	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n SISO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS0	9.50	9.35	No
		CH 46	5230		16.50	15.89	No
		CH 54	5270		16.50	16.02	No
		CH 62	5310		9.50	9.17	No
		CH 102	5510		9.50	8.84	No
		CH 110	5550		16.50	15.94	No
		CH 118	5590		16.50	15.32	No
		CH 126	5630		16.50	15.79	No
		CH 134	5670		9.50	8.31	No
		CH 151	5755		11.50	10.94	No
		CH 159	5795		11.50	11.39	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.02	No
		CH 46	5230		16.00	15.56	No
		CH 54	5270		16.00	15.45	No
		CH 62	5310		9.50	8.91	No
		CH 102	5510		9.50	8.93	No
		CH 110	5550		16.00	15.25	No
		CH 118	5590		16.00	15.58	No
		CH 126	5630		16.00	15.87	No
		CH 134	5670		9.50	9.39	No
		CH 151	5755		11.50	10.78	No
		CH 159	5795		11.50	11.34	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	11.04	No
		CH 40	5200		17.00	16.18	No
		CH 44	5220		17.00	15.96	No
		CH 48	5240		17.00	15.96	No
		CH 52	5260		17.00	16.13	No
		CH 56	5280		17.00	16.45	No
		CH 60	5300		17.00	16.78	No
		CH 64	5320		11.50	11.40	No
		CH 100	5500		11.50	10.09	No
		CH 104	5520		17.00	16.11	No
		CH 108	5540		17.00	16.18	No
		CH 112	5560		17.00	16.52	No
		CH 116	5580		17.00	16.37	No
		CH 120	5600		17.00	16.39	No
		CH 124	5620		17.00	16.86	No
		CH 128	5640		17.00	16.26	No
		CH 132	5660		17.00	16.75	No
		CH 136	5680		17.00	16.14	No
		CH 140	5700		10.50	9.32	No
		CH 149	5745		11.50	10.39	No
		CH 153	5765		11.50	10.80	No
		CH 157	5785		11.50	11.03	No
		CH 161	5805		11.50	11.01	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.24	No
		CH 40	5200		16.50	16.07	No

		CH 44	5220		16.50	16.33	No
		CH 48	5240		16.50	16.34	No
		CH 52	5260		16.50	15.70	No
		CH 56	5280		16.50	15.69	No
		CH 60	5300		16.50	15.59	No
		CH 64	5320		11.50	10.69	No
		CH 100	5500		11.50	10.88	No
		CH 104	5520		16.50	15.46	No
		CH 108	5540		16.50	15.42	No
		CH 112	5560		16.50	15.35	No
		CH 116	5580		16.50	15.30	No
		CH 120	5600		16.50	15.60	No
		CH 124	5620		16.50	15.85	No
		CH 128	5640		16.50	16.10	No
		CH 132	5660		16.50	16.40	No
		CH 136	5680		16.50	16.03	No
		CH 140	5700		10.50	10.21	No
		CH 149	5745		11.50	11.10	No
		CH 153	5765		11.50	11.00	No
		CH 157	5785		11.50	10.85	No
		CH 161	5805		11.50	10.85	No
		CH 165	5825		11.50	10.39	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS0	9.50	8.72	No
		CH 46	5230		16.50	15.64	No
		CH 54	5270		16.50	15.69	No
		CH 62	5310		9.50	9.31	No
		CH 102	5510		9.50	8.39	No
		CH 110	5550		16.50	16.17	No
		CH 118	5590		16.50	16.22	No
		CH 126	5630		16.50	16.07	No
		CH 134	5670		9.50	8.27	No
		CH 151	5755		11.50	10.40	No
		CH 159	5795		11.50	11.29	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.12	No
		CH 46	5230		16.00	15.62	No
		CH 54	5270		16.00	15.38	No
		CH 62	5310		9.50	8.87	No
		CH 102	5510		9.50	8.86	No
		CH 110	5550		16.00	15.23	No
		CH 118	5590		16.00	15.69	No
		CH 126	5630		16.00	15.75	No
		CH 134	5670		9.50	9.33	No
		CH 151	5755		11.50	11.38	No
		CH 159	5795		11.50	11.32	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 80M	Ant5(Core0)	CH 42	5210	MCS0	9.50	8.79	No
		CH 58	5290		9.50	9.34	No
		CH 106	5530		9.50	8.79	No
		CH 122	5610		9.50	8.83	No
		CH 155	5775		11.50	**11.35**	Yes
	Ant6(Core1)	CH 42	5210	MCS0	9.50	9.09	No
		CH 58	5290		9.50	8.77	No
		CH 106	5530		9.50	8.82	No
		CH 122	5610		9.50	9.08	No
		CH 155	5775		11.50	**10.72**	Yes
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 160M (5GHz)	Ant5(Core0)	CH 50	5250	MCS0	9.00	8.41	No
		CH 114	5570		9.00	8.33	No
	Ant6(Core1)	CH 50	5250	MCS0	8.50	7.76	No
		CH 114	5570		8.50	7.56	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11a CDD (5GHz)	Ant5(Core0)	CH 36	5180	MCS8	11.50	11.40	No
		CH 40	5200		17.00	16.70	No
		CH 44	5220		17.00	16.53	No
		CH 48	5240		17.00	16.60	No
		CH 52	5260		17.00	16.74	No
		CH 56	5280		17.00	16.89	No
		CH 60	5300		17.00	16.90	No
		CH 64	5320		11.50	11.40	No
		CH 100	5500		11.50	10.75	No
		CH 104	5520		17.00	16.58	No
		CH 108	5540		17.00	16.71	No
		CH 112	5560		17.00	16.62	No
		CH 116	5580		17.00	16.89	No
		CH 120	5600		17.00	16.90	No
		CH 124	5620		17.00	16.90	No
		CH 128	5640		17.00	16.89	No
		CH 132	5660		17.00	16.89	No
		CH 136	5680		17.00	16.85	No
		CH 140	5700		10.50	10.22	No
		CH 149	5745		11.50	11.20	No
		CH 153	5765		11.50	11.39	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS8	11.50	11.40	No
		CH 40	5200		16.50	16.39	No
		CH 44	5220		16.50	16.39	No
		CH 48	5240		16.50	16.40	No
		CH 52	5260		16.50	16.39	No
		CH 56	5280		16.50	16.38	No
		CH 60	5300		16.50	16.39	No

		CH 64	5320		11.50	11.48	No
		CH 100	5500		11.50	11.47	No
		CH 104	5520		16.50	16.50	No
		CH 108	5540		16.50	16.37	No
		CH 112	5560		16.50	16.47	No
		CH 116	5580		16.50	16.42	No
		CH 120	5600		16.50	16.45	No
		CH 124	5620		16.50	16.40	No
		CH 128	5640		16.50	16.39	No
		CH 132	5660		16.50	16.38	No
		CH 136	5680		16.50	16.39	No
		CH 140	5700		10.50	10.40	No
		CH 149	5745		11.50	11.39	No
		CH 153	5765		11.50	11.38	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.40	No
		CH 165	5825		11.50	11.39	No
	Sum	CH 36	5180	MCS8	14.50	14.41	No
		CH 40	5200		19.80	19.56	No
		CH 44	5220		19.80	19.47	No
		CH 48	5240		19.80	19.51	No
		CH 52	5260		19.80	19.58	No
		CH 56	5280		19.80	19.65	No
		CH 60	5300		19.80	19.66	No
		CH 64	5320		14.50	14.45	No
		CH 100	5500		14.50	14.14	No
		CH 104	5520		19.80	19.55	No
		CH 108	5540		19.80	19.55	No
		CH 112	5560		19.80	19.56	No
		CH 116	5580		19.80	19.67	No
		CH 120	5600		19.80	19.69	No
		CH 124	5620		19.80	19.67	No
		CH 128	5640		19.80	19.66	No
		CH 132	5660		19.80	19.65	No
		CH 136	5680		19.80	19.64	No
		CH 140	5700		13.50	13.32	No
		CH 149	5745		14.50	14.31	No
		CH 153	5765		14.50	14.40	No
		CH 157	5785		14.50	14.41	No
		CH 161	5805		14.50	14.41	No
		CH 165	5825		14.50	14.40	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS8	11.50	10.89	No
		CH 40	5200		17.00	16.16	No
		CH 44	5220		17.00	15.94	No
		CH 48	5240		17.00	16.13	No
		CH 52	5260		17.00	16.35	No
		CH 56	5280		17.00	16.25	No
		CH 60	5300		17.00	16.51	No
		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	10.24	No
		CH 104	5520		17.00	16.06	No

		CH 108	5540		17.00	16.14	No
		CH 112	5560		17.00	16.25	No
		CH 116	5580		17.00	16.87	No
		CH 120	5600		17.00	16.60	No
		CH 124	5620		17.00	16.83	No
		CH 128	5640		17.00	16.61	No
		CH 132	5660		17.00	16.80	No
		CH 136	5680		17.00	16.39	No
		CH 140	5700		10.50	9.76	No
		CH 149	5745		11.50	11.01	No
		CH 153	5765		11.50	11.38	No
		CH 157	5785		11.50	11.03	No
		CH 161	5805		11.50	11.25	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS8	11.50	11.39	No
		CH 40	5200		16.50	16.26	No
		CH 44	5220		16.50	16.39	No
		CH 48	5240		16.50	16.08	No
		CH 52	5260		16.50	16.14	No
		CH 56	5280		16.50	15.94	No
		CH 60	5300		16.50	15.84	No
		CH 64	5320		11.50	10.91	No
		CH 100	5500		11.50	11.05	No
		CH 104	5520		16.50	16.40	No
		CH 108	5540		16.50	15.85	No
		CH 112	5560		16.50	15.85	No
		CH 116	5580		16.50	15.87	No
		CH 120	5600		16.50	16.08	No
		CH 124	5620		16.50	16.25	No
		CH 128	5640		16.50	16.36	No
		CH 132	5660		16.50	16.40	No
		CH 136	5680		16.50	16.40	No
		CH 140	5700		10.50	10.40	No
		CH 149	5745		11.50	11.33	No
		CH 153	5765		11.50	11.28	No
		CH 157	5785		11.50	11.29	No
		CH 161	5805		11.50	11.08	No
		CH 165	5825		11.50	11.40	No
	Sum	CH 36	5180	MCS8	14.50	14.16	No
		CH 40	5200		19.80	19.22	No
		CH 44	5220		19.80	19.18	No
		CH 48	5240		19.80	19.12	No
		CH 52	5260		19.80	19.26	No
		CH 56	5280		19.80	19.11	No
		CH 60	5300		19.80	19.20	No
		CH 64	5320		14.50	14.17	No
		CH 100	5500		14.50	13.67	No
		CH 104	5520		19.80	19.24	No
		CH 108	5540		19.80	19.01	No
		CH 112	5560		19.80	19.06	No
		CH 116	5580		19.80	19.41	No
		CH 120	5600		19.80	19.36	No
		CH 124	5620		19.80	19.56	No

		CH 128	5640		19.80	19.50	No
		CH 132	5660		19.80	19.61	No
		CH 136	5680		19.80	19.41	No
		CH 140	5700		13.50	13.10	No
		CH 149	5745		14.50	14.18	No
		CH 153	5765		14.50	14.34	No
		CH 157	5785		14.50	14.17	No
		CH 161	5805		14.50	14.18	No
		CH 165	5825		14.50	14.41	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS8	9.50	9.35	No
		CH 46	5230		16.50	15.89	No
		CH 54	5270		16.50	16.02	No
		CH 62	5310		9.50	9.17	No
		CH 102	5510		9.50	8.84	No
		CH 110	5550		16.50	15.94	No
		CH 118	5590		16.50	15.32	No
		CH 126	5630		16.50	15.79	No
		CH 134	5670		9.50	8.31	No
		CH 151	5755		11.50	10.94	No
		CH 159	5795		11.50	11.39	No
	Ant6(Core1)	CH 38	5190	MCS8	9.50	9.02	No
		CH 46	5230		16.00	15.56	No
		CH 54	5270		16.00	15.45	No
		CH 62	5310		9.50	8.91	No
		CH 102	5510		9.50	8.93	No
		CH 110	5550		16.00	15.25	No
		CH 118	5590		16.00	15.58	No
		CH 126	5630		16.00	15.87	No
		CH 134	5670		9.50	9.39	No
		CH 151	5755		11.50	10.78	No
		CH 159	5795		11.50	11.34	No
	Sum	CH 38	5190	MCS8	12.50	12.20	No
		CH 46	5230		19.30	18.74	No
		CH 54	5270		19.30	18.75	No
		CH 62	5310		12.50	12.05	No
		CH 102	5510		12.50	11.90	No
		CH 110	5550		19.30	18.62	No
		CH 118	5590		19.30	18.46	No
		CH 126	5630		19.30	18.84	No
		CH 134	5670		12.50	11.89	No
		CH 151	5755		14.50	13.87	No
		CH 159	5795		14.50	14.38	No

Mode	Antenna	Channel	Frequency(MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test(Yes/No)
802.11ac MIMO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	11.04	No
		CH 40	5200		17.00	16.18	No
		CH 44	5220		17.00	15.96	No
		CH 48	5240		17.00	15.96	No
		CH 52	5260		17.00	16.13	No
		CH 56	5280		17.00	16.45	No
		CH 60	5300		17.00	16.78	No
		CH 64	5320		11.50	11.40	No
		CH 100	5500		11.50	10.09	No
		CH 104	5520		17.00	16.11	No
		CH 108	5540		17.00	16.18	No
		CH 112	5560		17.00	16.52	No
		CH 116	5580		17.00	16.37	No
		CH 120	5600		17.00	16.39	No
		CH 124	5620		17.00	16.86	No
		CH 128	5640		17.00	16.26	No
		CH 132	5660		17.00	16.75	No
		CH 136	5680		17.00	16.14	No
		CH 140	5700		10.50	9.32	No
		CH 149	5745		11.50	10.39	No
		CH 153	5765		11.50	10.80	No
		CH 157	5785		11.50	11.03	No
		CH 161	5805		11.50	11.01	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.24	No
		CH 40	5200		16.50	16.07	No
		CH 44	5220		16.50	16.33	No
		CH 48	5240		16.50	16.34	No
		CH 52	5260		16.50	15.70	No
		CH 56	5280		16.50	15.69	No
		CH 60	5300		16.50	15.59	No
		CH 64	5320		11.50	10.69	No
		CH 100	5500		11.50	10.88	No
		CH 104	5520		16.50	15.46	No
		CH 108	5540		16.50	15.42	No
		CH 112	5560		16.50	15.35	No
		CH 116	5580		16.50	15.30	No
		CH 120	5600		16.50	15.60	No
		CH 124	5620		16.50	15.85	No
		CH 128	5640		16.50	16.10	No
		CH 132	5660		16.50	16.40	No
		CH 136	5680		16.50	16.03	No
		CH 140	5700		10.50	10.21	No
		CH 149	5745		11.50	11.10	No
		CH 153	5765		11.50	11.00	No
		CH 157	5785		11.50	10.85	No
		CH 161	5805		11.50	10.85	No
		CH 165	5825		11.50	10.39	No
	Sum	CH 36	5180	MCS0	14.50	14.15	No
		CH 40	5200		19.80	19.14	No
		CH 44	5220		19.80	19.16	No

		CH 48	5240		19.80	19.16	No
		CH 52	5260		19.80	18.93	No
		CH 56	5280		19.80	19.10	No
		CH 60	5300		19.80	19.24	No
		CH 64	5320		14.50	14.07	No
		CH 100	5500		14.50	13.51	No
		CH 104	5520		19.80	18.81	No
		CH 108	5540		19.80	18.83	No
		CH 112	5560		19.80	18.98	No
		CH 116	5580		19.80	18.88	No
		CH 120	5600		19.80	19.02	No
		CH 124	5620		19.80	19.39	No
		CH 128	5640		19.80	19.19	No
		CH 132	5660		19.80	19.59	No
		CH 136	5680		19.80	19.10	No
		CH 140	5700		13.50	12.80	No
		CH 149	5745		14.50	13.77	No
		CH 153	5765		14.50	13.91	No
		CH 157	5785		14.50	13.95	No
		CH 161	5805		14.50	13.94	No
		CH 165	5825		14.50	13.93	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS0	9.50	8.72	No
		CH 46	5230		16.50	15.64	No
		CH 54	5270		16.50	15.69	No
		CH 62	5310		9.50	9.31	No
		CH 102	5510		9.50	8.39	No
		CH 110	5550		16.50	16.17	No
		CH 118	5590		16.50	16.22	No
		CH 126	5630		16.50	16.07	No
		CH 134	5670		9.50	8.27	No
		CH 151	5755		11.50	10.40	No
		CH 159	5795		11.50	11.29	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.12	No
		CH 46	5230		16.00	15.62	No
		CH 54	5270		16.00	15.38	No
		CH 62	5310		9.50	8.87	No
		CH 102	5510		9.50	8.86	No
		CH 110	5550		16.00	15.23	No
		CH 118	5590		16.00	15.69	No
		CH 126	5630		16.00	15.75	No
		CH 134	5670		9.50	9.33	No
		CH 151	5755		11.50	11.38	No
		CH 159	5795		11.50	11.32	No
	Sum	CH 38	5190	MCS0	12.50	11.93	No
		CH 46	5230		19.30	18.64	No
		CH 54	5270		19.30	18.55	No
		CH 62	5310		12.50	12.11	No
		CH 102	5510		12.50	11.64	No
		CH 110	5550		19.30	18.74	No
		CH 118	5590		19.30	18.97	No
		CH 126	5630		19.30	18.92	No

		CH 134	5670		12.50	11.84	No
		CH 151	5755		14.50	13.93	No
		CH 159	5795		14.50	14.32	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 80M (5GHz)	Ant5(Core0)	CH 42	5210	MCS0	9.50	8.79	No
		CH 58	5290		9.50	9.34	No
		CH 106	5530		9.50	8.79	No
		CH 122	5610		9.50	8.83	No
		CH 155	5775		11.50	11.35	No
	Ant6(Core1)	CH 42	5210	MCS0	9.50	9.09	No
		CH 58	5290		9.50	8.77	No
		CH 106	5530		9.50	8.82	No
		CH 122	5610		9.50	9.08	No
		CH 155	5775		11.50	10.72	No
	Sum	CH 42	5210	MCS0	12.50	11.95	No
		CH 58	5290		12.50	12.07	No
		CH 106	5530		12.50	11.82	No
		CH 122	5610		12.50	11.97	No
		CH 155	5775		14.50	14.06	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 160 (5GHz)	Ant5(Core0)	CH 50	5250	MCS0	9.00	8.41	No
		CH 114	5570		9.00	8.33	No
	Ant6(Core1)	CH 50	5250	MCS0	8.50	7.76	No
		CH 114	5570		8.50	7.56	No
	Sum	CH 50	5250	MCS0	11.80	11.11	No
		CH 114	5570		11.80	10.97	No

Table 119: Test results conducted power measurement of WiFi 5G (Receiver OFF)

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11a SISO	Ant5(Core0)	CH 36	5180	6Mbps	11.50	11.37	No
		CH 40	5200		12.50	12.24	No
		CH 44	5220		12.50	12.03	No
		CH 48	5240		12.50	12.04	No
		CH 52	5260		12.50	12.22	No
		CH 56	5280		12.50	12.38	No
		CH 60	5300		12.50	12.40	No
		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	10.83	No
		CH 104	5520		12.50	12.13	No
		CH 108	5540		12.50	12.11	No
		CH 112	5560		12.50	12.38	No
		CH 116	5580		12.50	12.39	No
		CH 120	5600		12.50	12.40	No
		CH 124	5620		12.50	12.39	No
		CH 128	5640		12.50	12.38	No
		CH 132	5660		12.50	12.40	No
		CH 136	5680		12.50	12.22	No
		CH 140	5700		10.50	10.21	No
		CH 149	5745		11.50	11.35	No
		CH 153	5765		11.50	11.40	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	6Mbps	11.50	11.40	No
		CH 40	5200		12.50	12.39	No
		CH 44	5220		12.50	12.39	No
		CH 48	5240		12.50	12.39	No
		CH 52	5260		12.50	12.40	No
		CH 56	5280		12.50	12.40	No
		CH 60	5300		12.50	12.39	No
		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	11.39	No
		CH 104	5520		12.50	12.38	No
		CH 108	5540		12.50	12.12	No
		CH 112	5560		12.50	12.04	No
		CH 116	5580		12.50	12.23	No
		CH 120	5600		12.50	12.39	No
		CH 124	5620		12.50	12.39	No
		CH 128	5640		12.50	12.39	No
		CH 132	5660		12.50	12.38	No
		CH 136	5680		12.50	12.40	No
		CH 140	5700		10.50	10.39	No
		CH 149	5745		11.50	11.39	No
		CH 153	5765		11.50	11.38	No
		CH 157	5785		11.50	11.36	No
		CH 161	5805		11.50	11.40	No
		CH 165	5825		11.50	11.39	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n SISO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	11.34	No
		CH 40	5200		12.50	12.04	No
		CH 44	5220		12.50	11.85	No
		CH 48	5240		12.50	11.80	No
		CH 52	5260		12.50	12.05	No
		CH 56	5280		12.50	12.37	No
		CH 60	5300		12.50	12.18	No
		CH 64	5320		11.50	11.32	No
		CH 100	5500		11.50	10.35	No
		CH 104	5520		12.50	11.72	No
		CH 108	5540		12.50	11.92	No
		CH 112	5560		12.50	12.07	No
		CH 116	5580		12.50	11.81	No
		CH 120	5600		12.50	12.31	No
		CH 124	5620		12.50	12.01	No
		CH 128	5640		12.50	11.90	No
		CH 132	5660		12.50	11.76	No
		CH 136	5680		12.50	11.76	No
		CH 140	5700		10.50	9.39	No
		CH 149	5745		11.50	10.94	No
		CH 153	5765		11.50	11.11	No
		CH 157	5785		11.50	11.25	No
		CH 161	5805		11.50	11.30	No
		CH 165	5825		11.50	11.40	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.36	No
		CH 40	5200		12.50	12.25	No
		CH 44	5220		12.50	12.28	No
		CH 48	5240		12.50	12.19	No
		CH 52	5260		12.50	12.11	No
		CH 56	5280		12.50	12.14	No
		CH 60	5300		12.50	12.01	No
		CH 64	5320		11.50	11.01	No
		CH 100	5500		11.50	10.96	No
		CH 104	5520		12.50	11.91	No
		CH 108	5540		12.50	11.81	No
		CH 112	5560		12.50	11.83	No
		CH 116	5580		12.50	12.01	No
		CH 120	5600		12.50	12.09	No
		CH 124	5620		12.50	12.33	No
		CH 128	5640		12.50	12.29	No
		CH 132	5660		12.50	12.38	No
		CH 136	5680		12.50	12.29	No
		CH 140	5700		10.50	10.35	No
		CH 149	5745		11.50	11.08	No
		CH 153	5765		11.50	11.11	No
		CH 157	5785		11.50	11.14	No
		CH 161	5805		11.50	11.25	No
		CH 165	5825		11.50	11.39	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n SISO 40M	Ant5(Core0)	CH 38	5190	MCS0	9.50	8.44	No
		CH 46	5230		12.50	11.42	No
		CH 54	5270		12.50	**12.19**	Yes
		CH 62	5310		9.50	**8.52**	Yes
		CH 102	5510		9.50	9.01	No
		CH 110	5550		12.50	**11.84**	Yes
		CH 118	5590		12.50	**11.83**	Yes
		CH 126	5630		12.50	**11.83**	Yes
		CH 134	5670		9.50	8.26	No
		CH 151	5755		11.50	11.32	No
		CH 159	5795		11.50	11.33	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.39	No
		CH 46	5230		12.50	12.39	No
		CH 54	5270		12.50	**12.38**	Yes
		CH 62	5310		9.50	**9.39**	Yes
		CH 102	5510		9.50	9.19	No
		CH 110	5550		12.50	**12.02**	Yes
		CH 118	5590		12.50	**11.80**	Yes
		CH 126	5630		12.50	**12.01**	Yes
		CH 134	5670		9.50	9.30	No
		CH 151	5755		11.50	11.30	No
		CH 159	5795		11.50	11.29	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	11.15	No
		CH 40	5200		12.50	12.39	No
		CH 44	5220		12.50	12.29	No
		CH 48	5240		12.50	12.33	No
		CH 52	5260		12.50	12.22	No
		CH 56	5280		12.50	12.40	No
		CH 60	5300		12.50	12.39	No
		CH 64	5320		11.50	11.13	No
		CH 100	5500		11.50	11.14	No
		CH 104	5520		12.50	12.39	No
		CH 108	5540		12.50	12.39	No
		CH 112	5560		12.50	12.40	No
		CH 116	5580		12.50	12.15	No
		CH 120	5600		12.50	12.31	No
		CH 124	5620		12.50	11.70	No
		CH 128	5640		12.50	11.67	No
		CH 132	5660		12.50	11.92	No
		CH 136	5680		12.50	12.01	No
		CH 140	5700		10.50	9.72	No
		CH 149	5745		11.50	11.17	No
		CH 153	5765		11.50	11.33	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.23	No
		CH 165	5825		11.50	11.19	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.40	No
		CH 40	5200		12.50	12.33	No

		CH 44	5220		12.50	12.35	No
		CH 48	5240		12.50	12.40	No
		CH 52	5260		12.50	12.39	No
		CH 56	5280		12.50	12.24	No
		CH 60	5300		12.50	12.08	No
		CH 64	5320		11.50	11.29	No
		CH 100	5500		11.50	11.07	No
		CH 104	5520		12.50	11.69	No
		CH 108	5540		12.50	11.43	No
		CH 112	5560		12.50	11.49	No
		CH 116	5580		12.50	11.31	No
		CH 120	5600		12.50	11.65	No
		CH 124	5620		12.50	11.85	No
		CH 128	5640		12.50	12.26	No
		CH 132	5660		12.50	12.35	No
		CH 136	5680		12.50	12.37	No
		CH 140	5700		10.50	10.40	No
		CH 149	5745		11.50	11.40	No
		CH 153	5765		11.50	11.24	No
		CH 157	5785		11.50	11.12	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.04	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS0	9.50	8.19	No
		CH 46	5230		12.50	12.23	No
		CH 54	5270		12.50	12.32	No
		CH 62	5310		9.50	8.39	No
		CH 102	5510		9.50	8.99	No
		CH 110	5550		12.50	12.39	No
		CH 118	5590		12.50	12.09	No
		CH 126	5630		12.50	11.67	No
		CH 134	5670		9.50	8.02	No
		CH 151	5755		11.50	11.32	No
		CH 159	5795		11.50	11.38	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.39	No
		CH 46	5230		12.50	12.40	No
		CH 54	5270		12.50	12.40	No
		CH 62	5310		9.50	9.39	No
		CH 102	5510		9.50	9.29	No
		CH 110	5550		12.50	11.78	No
		CH 118	5590		12.50	11.92	No
		CH 126	5630		12.50	11.96	No
		CH 134	5670		9.50	9.39	No
		CH 151	5755		11.50	11.40	No
		CH 159	5795		11.50	11.39	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 80M	Ant5(Core0)	CH 42	5210	MCS0	9.50	7.99	No
		CH 58	5290		9.50	8.25	No
		CH 106	5530		9.50	9.06	No
		CH 122	5610		9.50	8.05	No
		CH 155	5775		11.50	**11.40**	Yes
	Ant6(Core1)	CH 42	5210	MCS0	9.50	9.39	No
		CH 58	5290		9.50	9.40	No
		CH 106	5530		9.50	9.39	No
		CH 122	5610		9.50	9.40	No
		CH 155	5775		11.50	**11.40**	Yes
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac SISO 160M (5GHz)	Ant5(Core0)	CH 50	5250	MCS0	9.00	7.63	No
		CH 114	5570		9.00	7.92	No
	Ant6(Core1)	CH 50	5250	MCS0	9.00	8.89	No
		CH 114	5570		9.00	8.26	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11a CDD (5GHz)	Ant5(Core0)	CH 36	5180	MCS8	11.50	11.37	No
		CH 40	5200		12.50	12.24	No
		CH 44	5220		12.50	12.03	No
		CH 48	5240		12.50	12.04	No
		CH 52	5260		12.50	12.22	No
		CH 56	5280		12.50	12.38	No
		CH 60	5300		12.50	12.40	No
		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	10.83	No
		CH 104	5520		12.50	12.13	No
		CH 108	5540		12.50	12.11	No
		CH 112	5560		12.50	12.38	No
		CH 116	5580		12.50	12.39	No
		CH 120	5600		12.50	12.40	No
		CH 124	5620		12.50	12.39	No
		CH 128	5640		12.50	12.38	No
		CH 132	5660		12.50	12.40	No
		CH 136	5680		12.50	12.22	No
		CH 140	5700		10.50	10.21	No
		CH 149	5745		11.50	11.35	No
		CH 153	5765		11.50	11.40	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.39	No
	Ant6(Core1)	CH 36	5180	MCS8	11.50	11.40	No
		CH 40	5200		12.50	12.39	No
		CH 44	5220		12.50	12.39	No
		CH 48	5240		12.50	12.39	No
		CH 52	5260		12.50	12.40	No
		CH 56	5280		12.50	12.40	No
		CH 60	5300		12.50	12.39	No

		CH 64	5320		11.50	11.39	No
		CH 100	5500		11.50	11.39	No
		CH 104	5520		12.50	12.38	No
		CH 108	5540		12.50	12.12	No
		CH 112	5560		12.50	12.04	No
		CH 116	5580		12.50	12.23	No
		CH 120	5600		12.50	12.39	No
		CH 124	5620		12.50	12.39	No
		CH 128	5640		12.50	12.39	No
		CH 132	5660		12.50	12.38	No
		CH 136	5680		12.50	12.40	No
		CH 140	5700		10.50	10.39	No
		CH 149	5745		11.50	11.39	No
		CH 153	5765		11.50	11.38	No
		CH 157	5785		11.50	11.36	No
		CH 161	5805		11.50	11.40	No
		CH 165	5825		11.50	11.39	No
	Sum	CH 36	5180	MCS8	14.50	14.40	No
		CH 40	5200		15.50	15.33	No
		CH 44	5220		15.50	15.22	No
		CH 48	5240		15.50	15.23	No
		CH 52	5260		15.50	15.32	No
		CH 56	5280		15.50	15.40	No
		CH 60	5300		15.50	15.41	No
		CH 64	5320		14.51	14.40	No
		CH 100	5500		14.51	14.13	No
		CH 104	5520		15.50	15.27	No
		CH 108	5540		15.50	15.13	No
		CH 112	5560		15.50	15.22	No
		CH 116	5580		15.50	15.32	No
		CH 120	5600		15.50	15.41	No
		CH 124	5620		15.50	15.40	No
		CH 128	5640		15.50	15.40	No
		CH 132	5660		15.50	15.40	No
		CH 136	5680		15.50	15.32	No
		CH 140	5700		13.50	13.31	No
		CH 149	5745		14.50	14.38	No
		CH 153	5765		14.50	14.40	No
		CH 157	5785		14.50	14.39	No
		CH 161	5805		14.50	14.41	No
		CH 165	5825		14.50	14.40	No

Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS8	11.50	11.34	No
		CH 40	5200		12.50	12.04	No
		CH 44	5220		12.50	11.85	No
		CH 48	5240		12.50	11.80	No
		CH 52	5260		12.50	12.05	No
		CH 56	5280		12.50	12.37	No
		CH 60	5300		12.50	12.18	No
		CH 64	5320		11.50	11.32	No
		CH 100	5500		11.50	10.35	No
		CH 104	5520		12.50	11.72	No

		CH 108	5540		12.50	11.92	No
		CH 112	5560		12.50	12.07	No
		CH 116	5580		12.50	11.81	No
		CH 120	5600		12.50	12.31	No
		CH 124	5620		12.50	12.01	No
		CH 128	5640		12.50	11.90	No
		CH 132	5660		12.50	11.76	No
		CH 136	5680		12.50	11.76	No
		CH 140	5700		10.50	9.39	No
		CH 149	5745		11.50	10.94	No
		CH 153	5765		11.50	11.11	No
		CH 157	5785		11.50	11.25	No
		CH 161	5805		11.50	11.30	No
		CH 165	5825		11.50	11.40	No
	Ant6(Core1)	CH 36	5180	MCS8	11.50	11.36	No
		CH 40	5200		12.50	12.25	No
		CH 44	5220		12.50	12.28	No
		CH 48	5240		12.50	12.19	No
		CH 52	5260		12.50	12.11	No
		CH 56	5280		12.50	12.14	No
		CH 60	5300		12.50	12.01	No
		CH 64	5320		11.50	11.01	No
		CH 100	5500		11.50	10.96	No
		CH 104	5520		12.50	11.91	No
		CH 108	5540		12.50	11.81	No
		CH 112	5560		12.50	11.83	No
		CH 116	5580		12.50	12.01	No
		CH 120	5600		12.50	12.09	No
		CH 124	5620		12.50	12.33	No
		CH 128	5640		12.50	12.29	No
		CH 132	5660		12.50	12.38	No
		CH 136	5680		12.50	12.29	No
		CH 140	5700		10.50	10.35	No
		CH 149	5745		11.50	11.08	No
		CH 153	5765		11.50	11.11	No
		CH 157	5785		11.50	11.14	No
		CH 161	5805		11.50	11.25	No
		CH 165	5825		11.50	11.39	No
	Sum	CH 36	5180	MCS8	14.50	14.36	No
		CH 40	5200		15.50	15.16	No
		CH 44	5220		15.50	15.08	No
		CH 48	5240		15.50	15.01	No
		CH 52	5260		15.50	15.09	No
		CH 56	5280		15.50	15.27	No
		CH 60	5300		15.50	15.11	No
		CH 64	5320		14.51	14.18	No
		CH 100	5500		14.51	13.68	No
		CH 104	5520		15.50	14.83	No
		CH 108	5540		15.50	14.88	No
		CH 112	5560		15.50	14.96	No
		CH 116	5580		15.50	14.92	No
		CH 120	5600		15.50	15.21	No
		CH 124	5620		15.50	15.18	No

		CH 128	5640		15.50	15.11	No
		CH 132	5660		15.50	15.09	No
		CH 136	5680		15.50	15.04	No
		CH 140	5700		13.50	12.91	No
		CH 149	5745		14.50	14.02	No
		CH 153	5765		14.50	14.12	No
		CH 157	5785		14.50	14.21	No
		CH 161	5805		14.50	14.29	No
		CH 165	5825		14.50	14.41	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n MIMO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS8	9.50	8.44	No
		CH 46	5230		12.50	11.42	No
		CH 54	5270		12.50	12.19	No
		CH 62	5310		9.50	8.52	No
		CH 102	5510		9.50	9.01	No
		CH 110	5550		12.50	11.84	No
		CH 118	5590		12.50	12.01	No
		CH 126	5630		12.50	11.91	No
		CH 134	5670		9.50	8.26	No
		CH 151	5755		11.50	11.32	No
		CH 159	5795		11.50	11.33	No
	Ant6(Core1)	CH 38	5190	MCS8	9.50	9.39	No
		CH 46	5230		12.50	12.39	No
		CH 54	5270		12.50	12.38	No
		CH 62	5310		9.50	9.39	No
		CH 102	5510		9.50	9.19	No
		CH 110	5550		12.50	12.02	No
		CH 118	5590		12.50	11.80	No
		CH 126	5630		12.50	12.13	No
		CH 134	5670		9.50	9.30	No
		CH 151	5755		11.50	11.30	No
		CH 159	5795		11.50	11.29	No
	Sum	CH 38	5190	MCS8	12.50	11.95	No
		CH 46	5230		15.50	14.94	No
		CH 54	5270		15.50	15.30	No
		CH 62	5310		12.50	11.99	No
		CH 102	5510		12.50	12.11	No
		CH 110	5550		15.50	14.94	No
		CH 118	5590		15.50	14.92	No
		CH 126	5630		15.50	15.03	No
		CH 134	5670		12.50	11.82	No
		CH 151	5755		14.50	14.32	No
		CH 159	5795		14.50	14.32	No

Mode	Antenna	Channel	Frequency(MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test(Yes/No)
802.11ac MIMO 20M (5GHz)	Ant5(Core0)	CH 36	5180	MCS0	11.50	11.15	No
		CH 40	5200		12.50	12.39	No
		CH 44	5220		12.50	12.29	No
		CH 48	5240		12.50	12.33	No
		CH 52	5260		12.50	12.22	No
		CH 56	5280		12.50	12.40	No
		CH 60	5300		12.50	12.39	No
		CH 64	5320		11.50	11.13	No
		CH 100	5500		11.50	11.14	No
		CH 104	5520		12.50	12.39	No
		CH 108	5540		12.50	12.39	No
		CH 112	5560		12.50	12.40	No
		CH 116	5580		12.50	12.15	No
		CH 120	5600		12.50	12.31	No
		CH 124	5620		12.50	11.70	No
		CH 128	5640		12.50	11.67	No
		CH 132	5660		12.50	11.92	No
		CH 136	5680		12.50	12.01	No
		CH 140	5700		10.50	9.72	No
		CH 149	5745		11.50	11.17	No
		CH 153	5765		11.50	11.33	No
		CH 157	5785		11.50	11.40	No
		CH 161	5805		11.50	11.23	No
		CH 165	5825		11.50	11.19	No
	Ant6(Core1)	CH 36	5180	MCS0	11.50	11.40	No
		CH 40	5200		12.50	12.33	No
		CH 44	5220		12.50	12.35	No
		CH 48	5240		12.50	12.40	No
		CH 52	5260		12.50	12.39	No
		CH 56	5280		12.50	12.24	No
		CH 60	5300		12.50	12.08	No
		CH 64	5320		11.50	11.29	No
		CH 100	5500		11.50	11.07	No
		CH 104	5520		12.50	11.69	No
		CH 108	5540		12.50	11.43	No
		CH 112	5560		12.50	11.49	No
		CH 116	5580		12.50	11.31	No
		CH 120	5600		12.50	11.65	No
		CH 124	5620		12.50	11.85	No
		CH 128	5640		12.50	12.26	No
		CH 132	5660		12.50	12.35	No
		CH 136	5680		12.50	12.37	No
		CH 140	5700		10.50	10.40	No
		CH 149	5745		11.50	11.40	No
		CH 153	5765		11.50	11.24	No
		CH 157	5785		11.50	11.12	No
		CH 161	5805		11.50	11.39	No
		CH 165	5825		11.50	11.04	No
	Sum	CH 36	5180	MCS0	14.50	14.29	No
		CH 40	5200		15.50	15.37	No
		CH 44	5220		15.50	15.33	No

		CH 48	5240		15.50	15.38	No
		CH 52	5260		15.50	15.32	No
		CH 56	5280		15.50	15.33	No
		CH 60	5300		15.50	15.25	No
		CH 64	5320		14.51	14.22	No
		CH 100	5500		14.51	14.12	No
		CH 104	5520		15.50	15.06	No
		CH 108	5540		15.50	14.95	No
		CH 112	5560		15.50	14.98	No
		CH 116	5580		15.50	14.76	No
		CH 120	5600		15.50	15.00	No
		CH 124	5620		15.50	14.79	No
		CH 128	5640		15.50	14.99	No
		CH 132	5660		15.50	15.15	No
		CH 136	5680		15.50	15.20	No
		CH 140	5700		13.50	13.08	No
		CH 149	5745		14.50	14.30	No
		CH 153	5765		14.50	14.30	No
		CH 157	5785		14.50	14.27	No
		CH 161	5805		14.50	14.32	No
		CH 165	5825		14.50	14.13	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 40M (5GHz)	Ant5(Core0)	CH 38	5190	MCS0	9.50	8.19	No
		CH 46	5230		12.50	12.23	No
		CH 54	5270		12.50	12.32	No
		CH 62	5310		9.50	8.39	No
		CH 102	5510		9.50	8.99	No
		CH 110	5550		12.50	12.39	No
		CH 118	5590		12.50	12.09	No
		CH 126	5630		12.50	11.67	No
		CH 134	5670		9.50	8.02	No
		CH 151	5755		11.50	11.32	No
		CH 159	5795		11.50	11.38	No
	Ant6(Core1)	CH 38	5190	MCS0	9.50	9.39	No
		CH 46	5230		12.50	12.40	No
		CH 54	5270		12.50	12.40	No
		CH 62	5310		9.50	9.39	No
		CH 102	5510		9.50	9.29	No
		CH 110	5550		12.50	11.78	No
		CH 118	5590		12.50	11.92	No
		CH 126	5630		12.50	11.96	No
		CH 134	5670		9.50	9.39	No
		CH 151	5755		11.50	11.40	No
		CH 159	5795		11.50	11.39	No
	Sum	CH 38	5190	MCS0	12.50	11.84	No
		CH 46	5230		15.50	15.33	No
		CH 54	5270		15.50	15.37	No
		CH 62	5310		12.50	11.93	No
		CH 102	5510		12.50	12.15	No
		CH 110	5550		15.50	15.11	No
		CH 118	5590		15.50	15.02	No
		CH 126	5630		15.50	14.83	No

		CH 134	5670		12.50	11.77	No
		CH 151	5755		14.50	14.37	No
		CH 159	5795		14.50	14.40	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 80M (5GHz)	Ant5(Core0)	CH 42	5210	MCS0	9.50	7.99	No
		CH 58	5290		9.50	8.25	No
		CH 106	5530		9.50	9.06	No
		CH 122	5610		9.50	8.05	No
		CH 155	5775		11.50	11.40	No
	Ant6(Core1)	CH 42	5210	MCS0	9.50	9.39	No
		CH 58	5290		9.50	9.40	No
		CH 106	5530		9.50	9.39	No
		CH 122	5610		9.50	9.40	No
		CH 155	5775		11.50	11.40	No
	Sum	CH 42	5210	MCS0	12.50	11.76	No
		CH 58	5290		12.50	11.87	No
		CH 106	5530		12.50	12.24	No
		CH 122	5610		12.50	11.79	No
		CH 155	5775		14.50	14.41	No
Mode	Antenna	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac MIMO 160 (5GHz)	Ant5(Core0)	CH 50	5250	MCS0	9.00	7.63	No
		CH 114	5570		9.00	7.92	No
	Ant6(Core1)	CH 50	5250	MCS0	9.00	8.89	No
		CH 114	5570		9.00	8.26	No
	Sum	CH 50	5250	MCS0	11.80	11.32	No
		CH 114	5570		11.80	11.10	No

Table 120: Test results conducted power measurement of WiFi 5G (Receiver ON)

Note:

1) The bolded mode was selected for SAR testing.

2) As different maximum tune-up output power is specified across the different channels range. So the additional conducted power measurement for the adjacent channel of each power level stage is also performed in this report to ensure compliance.

7.1.35 Conducted power measurements of BT

BT	Tune-up	AveragePower(dBm)		
	Max.	0CH	5CH	10CH
DH5	9.50	8.04	8.28	8.57
2DH5	7.50	6.10	6.30	6.56
3DH5	7.50	6.11	6.30	6.57
BT	Tune-up	AveragePower(dBm)		
	Max.	11CH	39CH	67CH
DH5	11.00	**9.08**	**9.45**	**9.29**
2DH5	9.50	6.77	7.71	6.69
3DH5	9.50	6.78	7.72	6.69
BT	Tune-up	AveragePower(dBm)		
	Max.	68CH	73CH	78CH
DH5	9.50	8.79	9.19	8.65
2DH5	7.50	6.78	7.26	6.72
3DH5	7.50	6.79	7.26	6.73
BT	Tune-up	AveragePower(dBm)		
	Max.	0CH	3CH	5CH
BLE	8.50	6.22	6.85	7.46
BT	Tune-up	AveragePower(dBm)		
	Max.	6CH	19CH	31CH
BLE	9.50	7.64	6.28	5.85
BT	Tune-up	AveragePower(dBm)		
	Max.	32CH	36CH	39CH
BLE	8.50	5.88	7.40	6.58

Table 121: Test results conducted power measurement of BT (Power Level B)

BT	Tune-up	AverageConductedPower(dBm)		
	Max.	0CH	5CH	10CH
DH5	17.00	14.58	15.14	15.90
BT	Tune-up	AverageConductedPower(dBm)		
	Max.	11CH	22CH	32CH
DH5	17.01	**16.02**	**15.68**	**15.18**
BT	Tune-up	AverageConductedPower(dBm)		
	Max.	0CH	16CH	32CH
2DH5	15.50	12.71	14.33	13.30
3DH5	15.50	12.70	14.32	13.31
BT	Tune-up	AverageConductedPower(dBm)		
	Max.	33CH	54CH	75CH
DH5	16.50	15.18	15.18	14.80
2DH5	14.50	13.33	13.34	12.99
3DH5	14.50	13.33	13.34	13.00
BT	Tune-up	AverageConductedPower(dBm)		
	Max.	76CH	77CH	78CH
DH5	14.50	14.39	14.18	13.69
2DH5	12.50	12.39	12.38	11.89
3DH5	12.50	12.39	12.38	11.90

Table 122: Test results conducted power measurement of BT (Power Level A)

1)The conducted power of BT is measured with RMS detector.

2)The bolded mode was selected for SAR testing.

3)As different maximum tune-up output power is specified across the different channels range. So the additional conducted power measurement for the adjacent channel of each power level stage is also performed in this report to ensure compliance.

4) BT BLE does not support High power level A mode.

Figure: Bluetooth Transmission Plot

So the actural bluetooth duty cycle is calculated as below:

$$\text{Dutycycle} = \text{pulse}\frac{width}{period} * 100\% = \frac{2.87274ms}{3.74946ms} * 100\% = 76.6\%$$

The SAR measurement results are scaled to the maximum 100% Duty cycle to demonstrate SAR compliance.

7.2 SAR measurement Results

General Notes:

1) Per KDB 447498 D01, all SAR measurement results are scaled to the maximum tune-up tolerance limit to demonstrate SAR compliance.

2) Per KDB 447498 D01, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

● ≤ 0.8W/kg for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is ≤ 100MHz.

● ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.

● ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz.

When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.

3) Per KDB 865664 D01,for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg; if the deviation among the repeated measurement is ≤20%, and the measured SAR <1.45W/kg, only one repeated measurement is required.

4) Per KDB 941225 D06, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

5) Per KDB 648474 D04, SAR is evaluated without a headset connected to the device. When the standalone reported body-worn SAR is ≤1.2 W/kg, no additional SAR evaluations using a headset are required.

6) Per KDB 865664 D02, SAR plot is only required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination; Plots are also required when the measured SAR is > 1.5 W/kg, or > 7.0 W/kg for occupational exposure. The published RF exposure KDB procedures may require additional plots; for example, to support SAR to peak location separation ratio test exclusion and/or volume scan post-processing (Refer to appendix B for details).

7) Per KDB 648474 D04, Body-worn accessories that do not contain metallic or conductive components is tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.

8) Per KDB 648474 D04, Phones with built-in NFC functions do not require separate SAR testing and can generally be tested according to the SAR measurement procedures normally required for the phone. Influences of the hardware introduced by the built-in NFC functions are inherently considered through testing of the other transmitters that require SAR evaluation.

9) The highest reported SAR for each wireless technology, frequency band, and applicable exposure condition is repeated with the optional wireless charging cover accessory attached.

GSM Notes:

1) Per KDB941225 D01, SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

2) Per KDB 648474 D04, the device does not support DTM function. Body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn SAR.

UMTS Notes:

1) Per KDB 941225 D01, When the maximum output power and tune-up tolerance specified for production units in a Second mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of Second to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the Second mode.

LTE Notes:

1) The LTE test configurations are determined according to KDB 941225 D05 SAR for LTE Devices.The general test procedures used for SAR testing can be found in the following Section.
2) A-MPR was disabled for all SAR test by setting NS_01 on the base station simulator.SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames(maximum TTI)
3) According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR is tested using a fixed periodic duty factor according to the highest transmission duty factor (63.33%) implemented for the device and supported by the defined 3GPP LTE TDD configurations.

WiFi Notes:

WiFi Notes:
1) The WIFI general test procedures used for SAR testing can be found in Section 6 per KDB248227.
2) For WIFI CDD/MIMO, the conservative “max + max” multi-Tx SAR method is used to evaluate WIFI CDD/MIMO SAR in this report.
3) The SAR measurement results are scaled to the maximum 100% Duty cycle to demonstrate SAR compliance.

BT Notes:

1) The SAR measurement results are scaled to the maximum 100% Duty cycle to demonstrate SAR compliance.

7.2.1 SAR measurement Results of GSM850

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
Second Antenna										
Left cheek	190/836.6	GSM	0.325	0.162	0.06	28.21	29.50	0.437	Battery 1#	/
Left tilt	190/836.6	GSM	0.256	0.125	0.13	28.21	29.50	0.344	Battery 1#	/
Right cheek	190/836.6	GSM	0.306	0.160	-0.03	28.21	29.50	0.412	Battery 1#	/
Right tilt	190/836.6	GSM	0.322	0.153	-0.18	28.21	29.50	0.433	Battery 1#	/
Left cheek	190/836.6	GSM	0.330	0.166	-0.11	28.21	29.50	0.444	Battery 2#	/
Left cheek	128/824.2	GSM	**0.474**	0.234	0.11	28.14	29.50	**0.648**	Battery 2#	Yes
Left cheek	251/848.8	GSM	0.265	0.132	0.04	28.16	29.50	0.361	Battery 2#	/
Left cheek	128/824.2	GSM	0.398	0.196	0.10	28.14	29.50	0.544	With Wireless Charging Cover	/
Main Antenna										
Left cheek	190/836.6	GSM	**0.085**	0.058	0.17	32.61	33.50	**0.104**	Battery 1#	Yes
Left tilt	190/836.6	GSM	0.041	0.032	0.10	32.61	33.50	0.050	Battery 1#	/
Right cheek	190/836.6	GSM	0.070	0.049	0.16	32.61	33.50	0.086	Battery 1#	/
Right tilt	190/836.6	GSM	0.032	0.022	-0.02	32.61	33.50	0.039	Battery 1#	/
Left cheek	190/836.6	GSM	0.053	0.042	0.17	32.61	33.50	0.065	Battery 2#	/
Left cheek	128/824.2	GSM	0.042	0.029	0.06	32.24	33.50	0.056	Battery 1#	/
Left cheek	251/848.8	GSM	0.084	0.057	0.01	32.78	33.50	0.099	Battery 1#	/
Left cheek	190/836.6	GSM	0.072	0.048	-0.06	32.61	33.50	0.088	With Wireless Charging Cover	/

Table 123: Head SAR test results of GSM850

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	15mm	190/836.6	GSM	0.117	0.078	0.05	32.06	33.00	0.145	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.136	0.092	-0.06	32.06	33.00	0.169	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.134	0.090	-0.07	32.06	33.00	0.166	Battery 2#	/
Back Side	15mm	128/824.2	GSM	**0.174**	0.118	-0.07	31.83	33.00	**0.228**	Battery 1#	Yes
Back Side	15mm	251/848.8	GSM	0.113	0.077	-0.06	31.95	33.00	0.144	Battery 1#	/
Back Side	15mm	128/824.2	GSM	0.094	0.065	-0.04	31.83	33.00	0.122	With Wireless Charging Cover	/
Main Antenna											
Front Side	15mm	190/836.6	GSM	0.141	0.098	-0.03	32.61	33.50	0.173	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.222	0.162	-0.05	32.61	33.50	0.272	Battery 1#	/
Back Side	15mm	190/836.6	GSM	0.223	0.164	-0.11	32.61	33.50	0.274	Battery 2#	/
Back Side	15mm	128/824.2	GSM	0.158	0.118	-0.02	32.24	33.50	0.211	Battery 2#	/
Back Side	15mm	251/848.8	GSM	**0.272**	0.198	-0.04	32.78	33.50	**0.321**	Battery 2#	Yes
Back Side	15mm	251/848.8	GSM	0.112	0.081	-0.11	32.78	33.50	0.132	With Wireless Charging Cover	/

Table 124: Body Worn SAR test results of GSM850

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	10mm	190/836.6	GPRS 2TS	0.139	0.084	-0.17	26.62	28.00	0.191	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.142	0.078	-0.17	26.62	28.00	0.195	Battery 1#	/
Left Side	10mm	190/836.6	GPRS 2TS	0.059	0.040	0.19	26.62	28.00	0.081	Battery 1#	/
Right Side	10mm	190/836.6	GPRS 2TS	0.009	0.006	0.13	26.62	28.00	0.012	Battery 1#	/
Top Side	10mm	190/836.6	GPRS 2TS	0.098	0.045	0.17	26.62	28.00	0.135	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.141	0.078	-0.11	26.62	28.00	0.194	Battery 2#	/
Back Side	10mm	128/824.2	GPRS 2TS	**0.219**	0.119	-0.13	26.54	28.00	**0.307**	Battery 1#	Yes
Back Side	10mm	251/848.8	GPRS 2TS	0.130	0.071	-0.04	26.45	28.00	0.186	Battery 1#	/
Back Side	10mm	128/824.2	GPRS 2TS	0.105	0.070	-0.05	26.54	28.00	0.147	With Wireless Charging Cover	/
Main Antenna											
Front Side	10mm	190/836.6	GPRS 2TS	0.282	0.181	0.06	30.20	31.50	0.380	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.420	0.304	-0.10	30.20	31.50	0.567	Battery 1#	/
Left Side	10mm	190/836.6	GPRS 2TS	0.272	0.158	0.15	30.20	31.50	0.367	Battery 1#	/
Bottom Side	10mm	190/836.6	GPRS 2TS	0.259	0.169	0.15	30.20	31.50	0.349	Battery 1#	/
Back Side	10mm	190/836.6	GPRS 2TS	0.415	0.270	-0.02	30.20	31.50	0.560	Battery 2#	/
Back Side	10mm	128/824.2	GPRS 2TS	0.317	0.209	0.03	29.89	31.50	0.459	Battery 1#	/
Back Side	10mm	251/848.8	GPRS 2TS	**0.523**	0.376	0.02	30.34	31.50	**0.683**	Battery 1#	Yes
Back Side	10mm	251/848.8	GPRS 2TS	0.233	0.168	-0.02	30.34	31.50	0.304	With Wireless Charging Cover	/

Table 125: Hotspot SAR test results of GSM850

Per KDB648474 D04, when hotspot mode applies, Product Specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; However, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold:

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Max Power Without Reduction	Scaled-up 1-g SAR (W/kg)	Product Specific 10-g SAR Exclusion
				1-g	10-g					
Second Antenna										
Front Side	10mm	190/836.6	GPRS 2TS	0.139	0.084	-0.17	26.62	31.00	0.381	Yes
Back Side	10mm	190/836.6	GPRS 2TS	0.142	0.078	-0.17	26.62	31.00	0.389	Yes
Left Side	10mm	190/836.6	GPRS 2TS	0.059	0.040	0.19	26.62	31.00	0.161	Yes
Right Side	10mm	190/836.6	GPRS 2TS	0.009	0.006	0.13	26.62	31.00	0.024	Yes
Top Side	10mm	190/836.6	GPRS 2TS	0.098	0.045	0.17	26.62	31.00	0.268	Yes
Back Side	10mm	190/836.6	GPRS 2TS	0.141	0.078	-0.11	26.62	31.00	0.387	Yes
Back Side	10mm	128/824.2	GPRS 2TS	**0.219**	0.119	-0.13	26.54	31.00	0.612	Yes
Back Side	10mm	251/848.8	GPRS 2TS	0.130	0.071	-0.04	26.45	31.00	0.371	Yes
Back Side	10mm	128/824.2	GPRS 2TS	0.105	0.070	-0.05	26.54	31.00	0.293	Yes
Main Antenna										
Front Side	10mm	190/836.6	GPRS 2TS	0.282	0.181	0.06	30.20	31.50	0.380	Yes
Back Side	10mm	190/836.6	GPRS 2TS	0.420	0.304	-0.10	30.20	31.50	0.567	Yes
Left Side	10mm	190/836.6	GPRS 2TS	0.272	0.158	0.15	30.20	31.50	0.367	Yes
Bottom Side	10mm	190/836.6	GPRS 2TS	0.259	0.169	0.15	30.20	31.50	0.349	Yes
Back Side	10mm	190/836.6	GPRS 2TS	0.415	0.270	-0.02	30.20	31.50	0.560	Yes
Back Side	10mm	128/824.2	GPRS 2TS	0.317	0.209	0.03	29.89	31.50	0.459	Yes
Back Side	10mm	251/848.8	GPRS 2TS	**0.523**	0.376	0.02	30.34	31.50	0.683	Yes
Back Side	10mm	251/848.8	GPRS 2TS	0.233	0.168	-0.02	30.34	31.50	0.304	Yes

Table 126: Product Specific 10-g SAR test reduction evaluation of GSM850

Note: According to the table above, Product Specific 10-g SAR test is not required for this frequency band.

7.2.2 SAR measurement Results of GSM1900

Test Position of Head	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
			1-g	10-g						
Second Antenna										
Left cheek	661/1880	GSM	0.324	0.159	0.07	25.67	26.50	0.392	Battery 1#	/
Left tilt	661/1880	GSM	0.410	0.203	0.06	25.67	26.50	0.496	Battery 1#	/
Right cheek	661/1880	GSM	0.435	0.208	-0.01	25.67	26.50	0.527	Battery 1#	/
Right tilt	661/1880	GSM	0.519	0.248	-0.07	25.67	26.50	0.628	Battery 1#	/
Right tilt	661/1880	GSM	**0.523**	0.249	-0.03	25.67	26.50	**0.633**	Battery 2#	Yes
Right tilt	512/1850.2	GSM	0.415	0.201	-0.09	25.52	26.50	0.520	Battery 2#	/
Right tilt	810/1909.8	GSM	0.509	0.245	-0.04	25.89	26.50	0.586	Battery 2#	/
Right tilt	661/1880	GSM	0.425	0.203	-0.05	25.67	26.50	0.515	With Wireless Charging Cover	/
Main Antenna										
Left cheek	661/1880	GSM	0.067	0.043	0.05	30.46	30.50	0.068	Battery 1#	/
Left tilt	661/1880	GSM	0.043	0.023	-0.10	30.46	30.50	0.044	Battery 1#	/
Right cheek	661/1880	GSM	**0.074**	0.048	0.11	30.46	30.50	**0.075**	Battery 1#	Yes
Right tilt	661/1880	GSM	0.035	0.019	0.05	30.46	30.50	0.036	Battery 1#	/
Right cheek	661/1880	GSM	0.070	0.045	0.09	30.46	30.50	0.070	Battery 2#	/
Right cheek	512/1850.2	GSM	0.065	0.042	-0.16	30.49	30.50	0.065	Battery 1#	/
Right cheek	810/1909.8	GSM	0.067	0.042	0.13	30.42	30.50	0.068	Battery 1#	/
Right cheek	661/1880	GSM	0.074	0.047	-0.08	30.46	30.50	0.075	With Wireless Charging Cover	/

Table 127: Head SAR test results of GSM1900

Test Position of Body-Worn	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	15mm	661/1880	GSM	0.064	0.038	0.02	29.12	29.50	0.070	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.101	0.060	0.18	29.12	29.50	**0.110**	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.060	0.037	0.16	29.12	29.50	0.066	Battery 2#	/
Back Side	15mm	512/1850.2	GSM	0.086	0.051	-0.03	29.11	29.50	0.094	Battery 1#	/
Back Side	15mm	810/1909.8	GSM	**0.103**	0.062	-0.08	29.24	29.50	0.109	Battery 1#	Yes
Back Side	15mm	661/1880	GSM	0.051	0.031	0.08	29.12	29.50	0.056	With Wireless Charging Cover	/
Main Antenna											
Front Side	15mm	661/1880	GSM	0.114	0.074	0.00	30.46	30.50	0.115	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.159	0.099	-0.15	30.46	30.50	0.160	Battery 1#	/
Back Side	15mm	661/1880	GSM	0.152	0.095	0.03	30.46	30.50	0.153	Battery 2#	/
Back Side	15mm	512/1850.2	GSM	**0.170**	0.108	-0.01	30.49	30.50	**0.170**	Battery 1#	Yes
Back Side	15mm	810/1909.8	GSM	0.146	0.090	-0.06	30.42	30.50	0.149	Battery 1#	/
Back Side	15mm	512/1850.2	GSM	0.086	0.052	0.16	30.49	30.50	0.086	With Wireless Charging Cover	/

Table 128: Body Worn SAR test results of GSM1900

Test Position of Hotspot	Dist.	Test Channel /Freq.(MHz)	Test Mode	Measured SAR(W/kg)		Power Drift (dB)	Conducted Power (dBm)	Tune-up Power (dBm)	Reported 1-g SAR (W/kg)	Accessory Information	SAR Plot.
				1-g	10-g						
Second Antenna											
Front Side	10mm	661/1880	GPRS 2TS	0.081	0.045	0.03	22.04	23.00	0.101	Battery 1#	/
Back Side	10mm	661/1880	GPRS 2TS	0.111	0.063	0.13	22.04	23.00	0.138	Battery 1#	/
Left Side	10mm	661/1880	GPRS 2TS	0.035	0.019	0.16	22.04	23.00	0.044	Battery 1#	/
Top Side	10mm	661/1880	GPRS 2TS	**0.209**	0.111	0.18	22.04	23.00	**0.261**	Battery 1#	Yes
Top Side	10mm	661/1880	GPRS 2TS	0.208	0.110	0.12	22.04	23.00	0.259	Battery 2#	/
Top Side	10mm	512/1850.2	GPRS 2TS	0.173	0.093	0.02	21.97	23.00	0.219	Battery 1#	/
Top Side	10mm	810/1909.8	GPRS 2TS	0.181	0.097	0.02	22.25	23.00	0.215	Battery 1#	/
Top Side	10mm	661/1880	GPRS 2TS	0.038	0.024	0.12	22.04	23.00	0.047	With Wireless Charging Cover	/
Main Antenna											
Front Side	10mm	661/1880	GPRS 2TS	0.213	0.127	-0.06	27.83	28.00	0.222	Battery 1#	/
Back Side	10mm	661/1880	GPRS 2TS	0.309	0.181	0.08	27.83	28.00	0.321	Battery 1#	/
Right Side	10mm	661/1880	GPRS 2TS	0.122	0.064	0.05	27.83	28.00	0.127	Battery 1#	/
Bottom Side	10mm	661/1880	GPRS 2TS	**0.409**	0.227	0.14	27.83	28.00	**0.425**	Battery 1#	Yes
Bottom Side	10mm	661/1880	GPRS 2TS	0.375	0.208	0.04	27.83	28.00	0.390	Battery 2#	/
Bottom Side	10mm	512/1850.2	GPRS 2TS	0.390	0.217	0.10	27.66	28.00	0.422	Battery 1#	/
Bottom Side	10mm	810/1909.8	GPRS 2TS	0.407	0.223	0.10	27.87	28.00	0.419	Battery 1#	/
Bottom Side	10mm	661/1880	GPRS 2TS	0.266	0.153	0.17	27.83	28.00	0.277	With Wireless Charging Cover	/

Table 129: Hotspot SAR test results of GSM1900