

11.1.8 Conducted Power of LTE Band 17

LTE-FDD Band 17				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23755 706.5MHz	23790 710.0MHz	23825 713.5MHz
5MHz	QPSK	1	0	24.50	24.12	24.09	24.20
			13	24.50	24.22	24.09	24.16
			24	24.50	24.19	24.07	24.24
		12	0	23.50	23.14	23.09	23.08
			6	23.50	23.13	23.08	23.07
			13	23.50	23.10	23.06	23.07
	16QAM	25	0	23.50	23.19	23.14	23.12
			0	24.50	24.13	24.08	24.20
			13	24.50	24.26	24.11	24.16
		1	24	24.50	24.18	24.07	24.26
			0	23.50	23.16	23.10	23.09
			6	23.50	23.14	23.09	23.09
10MHz	QPSK	12	13	23.50	23.12	23.06	23.08
			0	23.50	23.20	23.15	23.11
			25	23.50	23.20	23.15	23.11
	16QAM	25	0	23.50	23.20	23.15	23.11
			0	24.50	24.10	24.13	24.25
			25	24.50	24.13	24.08	24.18
10MHz	QPSK	1	25	24.50	24.13	24.08	24.18
			49	24.50	24.07	24.06	24.15
			0	23.50	23.20	23.15	23.16
	16QAM	25	13	23.50	23.16	23.13	23.11
			25	23.50	23.13	23.09	23.08
			0	23.50	23.14	23.15	23.11

11.1.9 Conducted Power of LTE Band 38

LTE-TDD Band 38				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		37775	38000	38225	
					2572.5MHz	2595.0MHz	2617.5MHz	
5MHz	QPSK	1	0	24.00	23.65	23.42	23.39	
			13	24.00	23.68	23.48	23.38	
			24	24.00	23.62	23.47	23.35	
		12	0	22.50	22.49	22.50	22.50	
			6	22.50	22.48	22.49	22.47	
			13	22.50	22.46	22.47	22.47	
	16QAM	25	0	23.00	22.50	22.53	22.53	
			1	0	24.00	23.65	23.42	23.44
				13	24.00	23.65	23.49	23.42
		12		24	24.00	23.62	23.47	23.38
			0	22.50	22.47	22.50	22.50	
				6	22.50	22.48	22.48	22.47
13	22.50	22.45		22.48	22.47			
25	0	23.00	22.52	22.51	22.51			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	37800	38000	38200	
					2575.0MHz	2595.0MHz	2615.0MHz	
10MHz	QPSK	1	0	24.00	23.53	23.47	23.50	
			25	23.50	23.47	23.43	23.47	
			49	24.00	23.51	23.51	23.45	
		25	0	22.50	22.47	22.48	22.47	
			13	22.50	22.48	22.49	22.50	
			25	23.00	22.51	22.49	22.49	
	16QAM	50	0	23.00	22.47	22.52	22.52	
			1	0	24.00	23.52	23.44	23.50
				25	23.50	23.47	23.44	23.43
		25		49	23.50	23.49	23.50	23.45
			0	22.50	22.47	22.48	22.50	
			13	22.50	22.48	22.49	22.49	
25	23.00	22.51	22.49	22.50				
		50	0	23.00	22.46	22.50	22.51	

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	24.00	23.53	23.48	23.67
			38	24.00	23.62	23.54	23.62
			74	24.00	23.50	23.51	23.49
		36	0	22.50	22.45	22.46	22.50
			18	22.50	22.42	22.47	22.47
			39	22.50	22.42	22.46	22.45
	16QAM	75	0	22.50	22.46	22.47	22.47
			0	24.00	23.53	23.44	23.67
			38	24.00	23.59	23.55	23.64
		36	74	24.00	23.50	23.51	23.56
			0	22.50	22.45	22.45	22.49
			18	22.50	22.43	22.47	22.48
20MHz	QPSK	1	39	22.50	22.42	22.47	22.45
			0	22.50	22.47	22.47	22.47
			75	0	22.50	22.46	22.47
		50	0	24.00	23.53	23.44	23.67
			38	24.00	23.59	23.55	23.64
			74	24.00	23.50	23.51	23.56
		100	0	22.50	22.45	22.45	22.49
			18	22.50	22.43	22.47	22.48
			39	22.50	22.42	22.47	22.45
	16QAM	1	0	22.50	22.47	22.47	22.47
			75	0	22.50	22.46	22.47
			0	24.00	23.53	23.44	23.67
		50	38	24.00	23.59	23.55	23.64
			74	24.00	23.50	23.51	23.56
			0	22.50	22.45	22.45	22.49
		100	18	22.50	22.43	22.47	22.48
			39	22.50	22.42	22.47	22.45
			0	22.50	22.47	22.47	22.47

11.1.10 Conducted Power of LTE Band 41

LTE-TDD Band 41				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39675 2498.5MHz	40160 2552.0MHz	40620 2593 MHz	41080 2639.5 MHz	41565 2687.5 MHz
5MHz	QPSK	1	0	24.50	24.05	23.65	24.24	23.78	24.32
			13	24.50	24.07	23.65	24.23	23.81	24.38
			24	24.50	24.09	23.65	24.21	23.77	24.33
		12	0	24.50	24.04	23.64	24.23	23.74	24.25
			6	24.50	24.02	23.61	24.19	23.71	24.23
			13	24.50	24.01	23.60	24.18	23.72	24.26
	16QAM	25	0	24.50	24.11	23.69	24.26	23.78	24.29
			0	24.50	24.05	23.63	24.21	23.77	24.33
			13	24.50	24.06	23.66	24.25	23.81	24.37
		1	24	24.50	24.07	23.64	24.21	23.79	24.37
			0	24.50	24.04	23.64	24.24	23.75	24.25
			6	24.50	24.02	23.60	24.18	23.71	24.24
		12	13	24.50	24.04	23.63	24.21	23.74	24.26
			0	24.50	24.05	23.65	24.25	23.77	24.29
			0	24.50	24.05	23.65	24.25	23.77	24.29
		25	0	24.50	24.05	23.65	24.25	23.77	24.29
10MHz	QPSK	1	0	24.50	24.06	23.63	24.27	23.75	24.33
			25	24.50	24.04	23.65	24.25	23.73	24.29
			49	24.50	24.11	23.65	24.31	23.70	24.26
		25	0	24.50	24.07	23.66	24.25	23.74	24.25
			13	24.50	24.07	23.68	24.24	23.86	24.26
			25	24.50	24.09	23.71	24.23	23.84	24.27
	16QAM	50	0	24.50	24.07	23.69	24.25	23.79	24.28
			0	24.50	24.06	23.62	24.29	23.76	24.32
			25	24.50	24.03	23.63	24.23	23.73	24.28
		1	49	24.50	24.11	23.65	24.32	23.71	24.27
			0	24.50	24.05	23.66	24.25	23.73	24.25
			13	24.50	24.07	23.85	24.24	23.74	24.25
		25	25	24.50	24.06	23.85	24.24	23.76	24.27
			0	24.50	24.10	23.80	24.27	23.74	24.27
			0	24.50	24.10	23.80	24.27	23.74	24.27
		50	0	24.50	24.10	23.80	24.27	23.74	24.27

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39725	40160	40620	41030	41515
					2503.5MHz	2547.0MHz	2593.0MHz	2634.0MHz	2682.5MHz
15MHz	QPSK	1	0	24.50	24.07	23.68	24.28	23.85	24.41
			38	24.50	24.07	23.70	24.32	23.85	24.38
			74	24.50	24.10	23.70	24.29	23.80	24.31
		36	0	24.50	24.03	23.63	24.22	23.75	24.27
			18	24.50	24.05	23.65	24.24	23.73	24.21
			39	24.50	24.10	23.65	24.20	23.70	24.19
		75	0	24.50	24.09	23.66	24.22	23.74	24.25
			0	24.50	24.05	23.68	24.30	23.86	24.41
			38	24.50	24.10	23.71	24.32	23.84	24.35
	16QAM	1	74	24.50	24.11	23.69	24.27	23.79	24.31
			0	24.50	24.02	23.62	24.22	23.76	24.29
			36	24.50	24.03	23.63	24.23	23.73	24.23
		36	18	24.50	24.03	23.63	24.23	23.73	24.23
			39	24.50	24.10	23.65	24.20	23.71	24.21
			75	24.50	24.09	23.66	24.22	23.73	24.24
		75	0	24.50	24.05	23.68	24.30	23.86	24.41
			38	24.50	24.10	23.71	24.32	23.84	24.35
			74	24.50	24.11	23.69	24.27	23.79	24.31
20MHz	QPSK	1	0	24.50	24.06	23.71	24.36	23.86	24.35
			50	24.50	24.13	23.78	24.42	23.88	24.33
			99	24.50	24.17	23.76	24.35	23.80	24.25
		50	0	24.50	24.12	23.72	24.31	23.81	24.31
			25	24.50	24.16	23.75	24.33	23.82	24.31
			50	24.50	24.17	23.74	24.31	23.82	24.32
		100	0	24.50	24.16	23.73	24.29	23.80	24.30
			0	24.50	24.07	23.72	24.37	23.85	24.32
			50	24.50	24.13	23.76	24.38	23.86	24.33
		1	99	24.50	24.20	23.79	24.38	23.83	24.27
			0	24.50	24.12	23.73	24.33	23.82	24.30
			25	24.50	24.14	23.73	24.32	23.82	24.31
	16QAM	50	50	24.50	24.22	23.76	24.29	23.79	24.28
			0	24.50	24.18	23.74	24.30	23.80	24.30
			0	24.50	24.12	23.73	24.33	23.82	24.30
		100	25	24.50	24.14	23.73	24.32	23.82	24.31
			50	24.50	24.22	23.76	24.29	23.79	24.28
			0	24.50	24.18	23.74	24.30	23.80	24.30

11.1.11 Conducted Power of LTE Band 42

LTE-TDD Band 42				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		42115 3452.5MHz	42590 3500.0MHz	43065 3547.5MHz
5MHz	QPSK	1	0	20.50	19.69	19.77	20.02
			13	20.50	19.75	19.85	20.01
			24	20.50	19.73	19.93	20.07
		12	0	19.50	18.59	18.79	19.04
			6	19.50	18.58	18.82	19.04
			13	19.50	18.61	18.85	19.07
	16QAM	25	0	19.50	18.62	18.88	19.09
			0	20.50	19.69	19.79	20.01
			13	20.50	19.69	19.86	20.01
		1	24	20.50	19.71	19.93	20.08
			0	19.50	18.59	18.80	19.05
			6	19.50	18.57	18.84	19.05
10MHz	QPSK	12	13	19.50	18.62	18.84	19.08
			0	19.50	18.61	18.87	19.09
			25	19.50	18.62	18.88	19.09
		25	0	20.50	19.69	19.79	20.01
			13	20.50	19.69	19.86	20.01
			24	20.50	19.71	19.93	20.08
		50	0	19.50	18.59	18.80	19.05
			6	19.50	18.57	18.84	19.05
			13	19.50	18.62	18.84	19.08
	16QAM	1	0	19.50	18.61	18.87	19.09
			25	19.50	18.62	18.88	19.09
			49	20.50	19.73	19.94	20.14
		25	0	19.50	18.62	18.77	19.01
			13	19.50	18.62	18.80	19.04
			25	19.50	18.70	18.90	19.11
		50	0	19.50	18.63	18.86	19.03
			0	20.50	19.64	19.78	20.03
			25	20.50	19.60	19.86	20.01
	QPSK	1	49	20.50	19.73	19.93	20.15
			0	19.50	18.60	18.76	19.01
			13	19.50	18.63	18.79	19.05
		25	25	19.50	18.69	18.92	19.11
			0	19.50	18.62	18.85	19.02
			0	19.50	18.62	18.85	19.02

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	20.50	19.62	19.68	20.09
			38	20.50	19.68	19.91	20.12
			74	20.50	19.76	19.95	20.27
		36	0	19.50	18.60	18.75	19.03
			18	19.00	18.62	18.80	19.00
			39	19.50	18.66	18.93	19.07
	16QAM	1	0	19.50	18.64	18.85	19.02
			0	20.50	19.61	19.69	20.12
			38	20.50	19.70	19.90	20.14
		36	74	20.50	19.75	19.97	20.27
			0	19.50	18.59	18.74	19.03
			18	19.50	18.63	18.81	19.02
20MHz	QPSK	1	39	19.50	18.67	18.94	19.08
			75	0	18.65	18.87	19.03
		50	0	19.50	18.65	18.73	18.97
			0	20.00	19.61	19.65	19.91
			50	20.00	19.66	19.92	19.95
			99	20.50	19.74	19.98	20.07
	16QAM	1	0	19.00	18.65	18.73	18.97
			25	19.50	18.71	18.90	19.01
			50	19.50	18.76	18.96	19.05
		50	0	19.50	18.71	18.82	19.02
			0	20.00	19.60	19.68	19.93
			50	20.00	19.66	19.92	19.96
20MHz	QPSK	1	99	20.50	19.74	20.02	20.09
			0	19.00	18.65	18.75	18.96
			25	19.50	18.70	18.89	19.02
		50	50	19.50	18.75	18.96	19.05
			0	19.50	18.73	18.85	19.01
			0	19.50	18.73	18.85	19.01

11.1.12 Conducted Power of LTE Band 66

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		131979 1710.7MHz	132322 1755.0MHz	132665 1779.3MHz
1.4MHz	QPSK	1	0	23.50	23.48	23.44	23.36
			2	23.50	23.49	23.48	23.36
			5	23.50	23.49	23.44	23.34
		3	0	23.50	23.41	23.46	23.36
			2	23.50	23.42	23.45	23.32
			3	23.50	23.44	23.48	23.32
	16QAM	6	0	22.50	22.42	22.48	22.35
			0	23.50	23.49	23.44	23.35
			1	24.00	23.51	23.46	23.35
		3	5	23.50	23.50	23.44	23.33
			0	23.50	23.41	23.46	23.35
			2	23.50	23.41	23.45	23.33
3MHz	QPSK	1	3	23.50	23.47	23.48	23.31
			0	22.50	22.43	22.50	22.35
			6	23.50	23.48	23.44	23.35
		8	0	22.50	22.45	22.50	22.35
			4	22.50	22.45	22.48	22.30
			7	22.50	22.46	22.49	22.33
		15	0	22.50	22.45	22.49	22.37
			0	23.50	23.50	23.44	23.35
			7	23.50	23.45	23.46	23.41
	16QAM	1	14	23.50	23.45	23.46	23.38
			0	22.50	22.44	22.47	22.34
			4	22.50	22.43	22.49	22.32
		8	7	22.50	22.45	22.47	22.34
			0	22.50	22.46	22.49	22.33
			15	22.50	22.46	22.49	22.33
	QPSK	1	0	24.00	23.60	23.60	23.43
			13	24.00	23.63	23.60	23.47
			24	24.00	23.64	23.63	23.37
5MHz	QPSK	12	0	23.00	22.51	22.52	22.41
			6	23.00	22.51	22.51	22.38
			13	23.00	22.52	22.52	22.38
		25	0	23.00	22.56	22.56	22.44
			0	24.00	23.60	23.52	23.42
			13	24.00	23.66	23.63	23.40
	16QAM	1	24	24.00	23.62	23.67	23.37
			0	23.00	22.51	22.51	22.42
			6	23.00	22.52	22.50	22.37
		12	13	23.00	22.53	22.51	22.39
			0	23.00	22.55	22.55	22.42
			25	23.00	22.55	22.55	22.42

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		132022 1715.0MHz	132322 1755.0MHz	132622 1775.0MHz
10MHz	QPSK	1	0	24.00	23.57	23.52	23.50
			25	24.00	23.51	23.48	23.44
			49	24.00	23.54	23.56	23.45
		25	0	23.00	22.51	22.52	22.43
			13	23.00	22.51	22.50	22.40
			25	23.00	22.55	22.56	22.39
	16QAM	50	0	23.00	22.52	22.55	22.40
			0	24.00	23.58	23.52	23.52
			25	24.00	23.54	23.49	23.46
		1	49	24.00	23.55	23.57	23.48
			0	23.00	22.51	22.51	22.42
			13	23.00	22.50	22.53	22.40
15MHz	QPSK	25	25	23.00	22.55	22.55	22.39
			0	23.00	22.53	22.54	22.39
			0	23.00	22.53	22.54	22.39
		50	0	23.00	22.53	22.54	22.39
			13	23.00	22.55	22.55	22.39
			25	23.00	22.55	22.55	22.39
	16QAM	1	0	23.00	22.53	22.54	22.39
			38	24.00	23.59	23.59	23.58
			74	24.00	23.56	23.58	23.54
		36	0	23.00	22.53	22.54	22.44
			18	23.00	22.50	22.53	22.44
			39	23.00	22.55	22.57	22.44
20MHz	QPSK	75	0	23.00	22.57	22.55	22.46
			0	24.00	23.56	23.53	23.62
			38	24.00	23.59	23.59	23.58
		1	74	24.00	23.56	23.58	23.54
			0	23.00	22.53	22.54	22.44
			18	23.00	22.50	22.53	22.44
	16QAM	36	39	23.00	22.55	22.57	22.44
			0	23.00	22.57	22.55	22.46
			0	23.00	22.57	22.55	22.46
		75	0	23.00	22.57	22.55	22.46
			38	24.00	23.59	23.59	23.58
			74	24.00	23.56	23.58	23.54

11.1.13 Conducted Power of NR n5

NR n5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		165800	167300	168800
					829.0MHz	836.5MHz	844.0MHz
10MHz	DFT BPSK	1@1	LOW	24.00	23.46	23.68	23.97
	DFT QPSK	24@0	LOW	23.00	22.72	22.78	22.77
	DFT QPSK	12@6	LOW	24.00	23.71	23.77	23.73
	DFT QPSK	1@1	LOW	24.00	23.86	23.77	23.76
	DFT QPSK	1@22	LOW	24.00	23.88	23.78	23.73
	DFT QAM16	1@1	LOW	23.50	22.75	23.01	22.82
	DFT QAM64	1@1	LOW	21.50	21.19	20.91	21.06
	DFT QAM256	1@1	LOW	20.00	19.03	19.57	19.13
CP QPSK	1@1	LOW	23.00	22.41	22.72	22.20	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
15MHz	DFT BPSK	1@1	LOW	24.00	23.72	23.63	23.51
	DFT QPSK	36@0	LOW	23.00	22.77	22.83	22.81
	DFT QPSK	18@9	LOW	24.00	23.84	23.78	23.83
	DFT QPSK	1@1	LOW	24.00	23.63	23.41	23.63
	DFT QPSK	1@36	LOW	24.00	23.69	23.42	23.56
	DFT QAM16	1@1	LOW	23.00	22.54	22.95	22.39
	DFT QAM64	1@1	LOW	22.00	21.60	21.17	21.27
	DFT QAM256	1@1	LOW	19.50	19.22	19.27	19.08
CP QPSK	1@1	LOW	23.00	22.06	22.23	22.71	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166800	167300	167800
					834.0MHz	836.5MHz	839.0MHz
20MHz	DFT BPSK	1@1	LOW	24.00	23.60	23.68	23.50
	DFT QPSK	50@0	LOW	23.00	22.72	22.75	22.77
20MHz	DFT QPSK	25@12	LOW	24.00	23.77	23.82	23.79
	DFT QPSK	1@1	LOW	24.00	23.66	23.77	23.86
	DFT QPSK	1@49	LOW	24.00	23.67	23.73	23.81
	DFT QAM16	1@1	LOW	23.00	22.37	22.63	22.79
	DFT QAM64	1@1	LOW	21.50	20.90	21.26	21.35
	DFT QAM256	1@1	LOW	19.50	18.90	19.34	19.20
	CP QPSK	1@1	LOW	23.00	22.62	22.17	22.28

11.1.14 Conducted Power of NR n7

NR n7				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.00	22.88	22.70	22.72
	DFT_QPSK	24@0	LOW	22.00	21.63	21.55	21.75
	DFT_QPSK	12@6	LOW	23.00	22.66	22.51	22.68
	DFT_QPSK	1@1	LOW	23.00	22.63	22.50	22.88
	DFT_QPSK	1@22	LOW	23.00	22.61	22.48	22.93
	DFT_QAM16	1@1	LOW	22.50	21.71	21.85	22.11
	DFT_QAM64	1@1	LOW	20.50	20.08	20.38	20.41
	DFT_QAM256	1@1	LOW	18.50	18.07	18.46	18.37
	CP_QPSK	1@1	LOW	22.00	21.19	21.76	21.41
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501500	507000	512000
					2507.5MHz	2535.0MHz	2562.5MHz
15MHz	DFT_BPSK	1@1	LOW	23.50	22.46	22.53	23.01
	DFT_QPSK	36@0	LOW	22.00	21.59	21.54	21.70
	DFT_QPSK	18@9	LOW	23.00	22.65	22.49	22.74
	DFT_QPSK	1@1	LOW	23.00	22.55	22.49	22.93
	DFT_QPSK	1@36	LOW	23.50	22.55	22.52	23.04
	DFT_QAM16	1@1	LOW	22.00	21.38	21.46	21.99
	DFT_QAM64	1@1	LOW	21.00	20.09	19.75	20.56
	DFT_QAM256	1@1	LOW	19.00	17.86	17.84	18.63
	CP_QPSK	1@1	LOW	21.50	21.48	21.32	21.03
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	502000	507000	512000
					2510.0MHz	2535.0MHz	2560.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.00	22.45	22.49	22.64
	DFT_QPSK	50@0	LOW	22.00	21.58	21.56	21.73
	DFT_QPSK	25@12	LOW	23.00	22.70	22.48	22.76
	DFT_QPSK	1@1	LOW	23.00	22.80	22.53	22.73
	DFT_QPSK	1@49	LOW	23.00	22.77	22.59	22.73
	DFT_QAM16	1@1	LOW	22.50	21.70	22.03	21.60
	DFT_QAM64	1@1	LOW	20.50	20.35	19.90	20.01
	DFT_QAM256	1@1	LOW	18.50	18.09	17.92	17.78
	CP_QPSK	1@1	LOW	21.50	21.23	20.95	20.92

11.1.15 Conducted Power of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
5MHz	DFT_BPSK	1@1	LOW	24.50	24.13	24.09	23.83
	DFT_QPSK	25@0	LOW	23.00	22.86	22.90	22.85
	DFT_QPSK	12@6	LOW	24.00	23.84	23.90	23.86
	DFT_QPSK	1@1	LOW	24.50	23.92	23.90	24.12
	DFT_QPSK	1@23	LOW	24.50	23.94	23.85	24.02
	DFT_QAM16	1@1	LOW	23.50	23.03	23.03	23.11
	DFT_QAM64	1@1	LOW	22.00	21.20	21.83	21.62
	DFT_QAM256	1@1	LOW	20.00	19.31	19.81	19.42
	CP_QPSK	1@1	LOW	23.50	22.32	23.13	22.51
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.50	23.80	23.92	24.15
	DFT_QPSK	50@0	LOW	23.00	22.87	22.86	22.87
	DFT_QPSK	25@12	LOW	24.00	23.89	23.92	23.88
	DFT_QPSK	1@1	LOW	24.00	23.65	23.98	23.90
	DFT_QPSK	1@50	LOW	24.00	23.62	23.85	23.84
	DFT_QAM16	1@1	LOW	23.00	22.72	22.46	22.98
	DFT_QAM64	1@1	LOW	22.00	20.96	21.18	21.56
	DFT_QAM256	1@1	LOW	20.00	19.11	19.24	19.99
	CP_QPSK	1@1	LOW	23.00	22.07	22.74	22.46
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	141300 706.5MHz	141500 707.5MHz	141700 708.8MHz
15MHz	DFT_BPSK	1@1	LOW	24.00	23.83	23.72	23.97
	DFT_QPSK	75@0	LOW	23.00	22.92	22.92	22.95
	DFT_QPSK	36@18	LOW	24.00	23.91	23.92	23.96
	DFT_QPSK	1@1	LOW	24.00	23.83	23.80	23.80
	DFT_QPSK	1@77	LOW	24.00	23.78	23.75	23.68
	DFT_QAM16	1@1	LOW	23.50	22.76	23.46	23.16
	DFT_QAM64	1@1	LOW	21.50	21.37	21.48	21.39
	DFT_QAM256	1@1	LOW	19.50	19.39	19.37	19.11
	CP_QPSK	1@1	LOW	23.00	22.53	22.30	22.24

11.1.15 Conducted Power of NR n38

NR n38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		515000 2575.0MHz	519000 2595.0MHz	523000 2615.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.50	23.04	23.08	23.01
	DFT_QPSK	24@0	LOW	22.50	22.06	21.98	21.73
	DFT_QPSK	12@6	LOW	23.50	23.01	23.02	22.79
	DFT_QPSK	1@1	LOW	23.50	23.09	22.89	23.02
	DFT_QPSK	1@22	LOW	23.50	23.09	22.89	23.05
	DFT_QAM16	1@1	LOW	22.50	22.02	22.04	21.65
	DFT_QAM64	1@1	LOW	20.50	20.42	20.28	19.99
	DFT_QAM256	1@1	LOW	18.50	18.44	18.48	17.91
	CP_QPSK	1@1	LOW	22.00	21.64	21.79	21.72
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	515500 2577.5MHz	519000 2595.0MHz	522500 2612.5MHz
15MHz	DFT_BPSK	1@1	LOW	23.50	22.98	23.12	23.03
	DFT_QPSK	36@0	LOW	22.00	21.98	21.97	21.82
	DFT_QPSK	18@9	LOW	23.00	22.97	22.95	22.89
	DFT_QPSK	1@1	LOW	23.50	23.06	22.95	22.92
	DFT_QPSK	1@36	LOW	23.50	23.14	22.90	22.89
	DFT_QAM16	1@1	LOW	22.50	21.67	21.97	22.19
	DFT_QAM64	1@1	LOW	21.00	20.55	20.54	20.73
	DFT_QAM256	1@1	LOW	19.00	18.56	18.44	18.12
	CP_QPSK	1@1	LOW	22.00	21.77	21.74	21.47
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	522500 2580.0MHz	519000 2595.0MHz	522000 2610.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.00	22.97	22.96	22.79
	DFT_QPSK	50@0	LOW	22.00	21.92	21.92	21.80
	DFT_QPSK	25@12	LOW	23.50	22.97	23.11	22.93
	DFT_QPSK	1@1	LOW	23.00	22.94	22.97	22.97
	DFT_QPSK	1@49	LOW	23.50	23.03	22.98	22.94
	DFT_QAM16	1@1	LOW	22.50	22.03	21.92	21.65
	DFT_QAM64	1@1	LOW	21.00	20.27	20.52	20.38
	DFT_QAM256	1@1	LOW	18.50	18.29	18.46	18.29
	CP_QPSK	1@1	LOW	22.00	21.12	21.66	21.19

11.1.16 Conducted Power of NR n41

NR n41					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.00	22.70	22.50	22.46
	DFT_QPSK	50@0	LOW	22.00	21.63	21.63	21.45
	DFT_QPSK	25@12	LOW	23.00	22.66	22.77	22.41
	DFT_QPSK	1@1	LOW	23.00	22.56	22.62	22.27
	DFT_QPSK	1@49	LOW	23.00	22.58	22.62	22.29
	DFT_QAM16	1@1	LOW	22.00	21.39	21.62	21.76
	DFT_QAM64	1@1	LOW	20.50	20.07	20.22	19.72
	DFT_QAM256	1@1	LOW	18.50	18.43	18.13	17.92
	CP_QPSK	1@1	LOW	21.00	21.00	20.92	20.60
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	504204	518598	532998
					2521.0MHz	2593.0MHz	2665.0MHz
50MHz	DFT_BPSK	1@1	LOW	23.00	22.61	22.59	22.47
	DFT_QPSK	128@0	LOW	22.00	21.59	21.61	21.47
	DFT_QPSK	64@32	LOW	23.00	22.62	22.65	22.52
	DFT_QPSK	1@1	LOW	23.00	22.62	22.50	22.39
	DFT_QPSK	1@131	LOW	23.00	22.78	22.63	22.45
	DFT_QAM16	1@1	LOW	22.00	21.57	21.50	21.22
	DFT_QAM64	1@1	LOW	20.00	19.99	19.99	19.80
	DFT_QAM256	1@1	LOW	18.50	17.86	18.09	17.77
	CP_QPSK	1@1	LOW	21.50	20.79	21.35	20.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	509202	518598	528000
					2546.0MHz	2593.0MHz	2640.0MHz
100MHz	DFT_BPSK	1@1	LOW	23.00	22.47	22.54	22.47
	DFT_QPSK	270@0	LOW	22.00	21.69	21.56	21.54
	DFT_QPSK	135@67	LOW	23.00	22.68	22.60	22.56
	DFT_QPSK	1@1	LOW	23.00	22.37	22.55	22.42
	DFT_QPSK	1@271	LOW	22.50	22.31	22.30	22.30
	DFT_QAM16	1@1	LOW	22.00	21.64	21.32	21.29
	DFT_QAM64	1@1	LOW	20.00	19.80	19.83	19.91
	DFT_QAM256	1@1	LOW	18.50	17.99	17.89	18.23
	CP_QPSK	1@1	LOW	21.50	21.09	21.14	20.97

11.1.17 Conducted Power of NR n66

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		343000 1715.0MHz	349000 1745.0MHz	355000 1775.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.00	23.33	23.53	23.33
	DFT_QPSK	24@0	LOW	23.00	22.47	22.57	22.30
	DFT_QPSK	12@6	LOW	24.00	23.50	23.65	23.25
	DFT_QPSK	1@1	LOW	24.00	23.35	23.95	23.50
	DFT_QPSK	1@22	LOW	24.00	23.33	23.86	23.47
	DFT_QAM16	1@1	LOW	23.00	22.47	22.38	22.56
	DFT_QAM64	1@1	LOW	21.00	20.87	20.93	20.90
	DFT_QAM256	1@1	LOW	19.50	18.86	19.13	18.85
	CP_QPSK	1@1	LOW	22.50	22.19	22.35	21.86
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	344000 1720.0MHz	349000 1745.0MHz	354000 1770.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.00	23.53	23.44	23.18
	DFT_QPSK	50@0	LOW	23.00	22.50	22.59	22.40
	DFT_QPSK	25@12	LOW	24.00	23.51	23.62	23.40
	DFT_QPSK	1@1	LOW	24.00	23.53	23.65	23.40
	DFT_QPSK	1@49	LOW	24.00	23.53	23.58	23.29
	DFT_QAM16	1@1	LOW	23.00	22.90	22.56	22.66
	DFT_QAM64	1@1	LOW	21.50	20.98	21.13	21.25
	DFT_QAM256	1@1	LOW	19.50	19.05	18.87	19.19
	CP_QPSK	1@1	LOW	22.50	21.83	21.88	22.20
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	346000 1730.0MHz	349000 1745.0MHz	352000 1760.0MHz
40MHz	DFT_BPSK	1@1	LOW	24.00	23.50	23.55	23.51
	DFT_QPSK	100@0	LOW	23.00	22.57	22.57	22.49
	DFT_QPSK	50@25	LOW	24.00	23.62	23.65	23.51
	DFT_QPSK	1@1	LOW	24.00	23.42	23.49	23.57
	DFT_QPSK	1@104	LOW	23.50	23.41	23.32	23.28
	DFT_QAM16	1@1	LOW	23.00	22.61	22.80	22.38
	DFT_QAM64	1@1	LOW	21.50	21.19	21.11	20.94
	DFT_QAM256	1@1	LOW	19.50	19.02	19.21	19.03
	CP_QPSK	1@1	LOW	22.50	22.04	22.09	22.31

11.1.17 Conducted Power of NR n71

NR n71				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		133100 665.5 MHz	136100 680.5 MHz	139100 695.5 MHz
5MHz	DFT_BPSK	1@1	LOW	25.00	24.95	24.75	24.99
	DFT_QPSK	24@0	LOW	24.00	23.95	23.85	23.85
	DFT_QPSK	12@6	LOW	25.00	24.91	24.79	24.86
	DFT_QPSK	1@1	LOW	25.50	25.12	24.94	24.85
	DFT_QPSK	1@22	LOW	25.50	25.19	25.01	24.90
	DFT_QAM16	1@1	LOW	24.50	24.14	23.98	23.88
	DFT_QAM64	1@1	LOW	22.50	22.49	21.84	22.27
	DFT_QAM256	1@1	LOW	21.00	20.43	20.63	20.47
	CP_QPSK	1@1	LOW	24.00	23.53	23.77	23.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	133600 668 MHz	136100 680.5 MHz	138600 693 MHz
10MHz	DFT_BPSK	1@1	LOW	25.00	24.94	24.74	24.65
	DFT_QPSK	50@0	LOW	24.00	23.93	23.83	23.84
	DFT_QPSK	25@12	LOW	25.00	24.98	24.79	24.85
	DFT_QPSK	1@1	LOW	25.00	24.87	24.43	24.63
	DFT_QPSK	1@49	LOW	25.00	24.69	24.40	24.65
	DFT_QAM16	1@1	LOW	24.50	23.91	24.07	23.74
	DFT_QAM64	1@1	LOW	23.00	22.81	22.65	22.48
	DFT_QAM256	1@1	LOW	21.00	20.54	20.29	20.20
	CP_QPSK	1@1	LOW	24.00	23.22	23.42	23.88
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	134600 673 MHz	136100 680.5 MHz	137600 688 MHz
20MHz	DFT_BPSK	1@1	LOW	25.00	24.82	24.82	24.48
	DFT_QPSK	100@0	LOW	24.00	23.88	23.82	23.86
	DFT_QPSK	50@25	LOW	25.00	24.90	24.83	24.84
	DFT_QPSK	1@1	LOW	25.00	24.97	24.80	24.81
	DFT_QPSK	1@104	LOW	25.00	24.89	24.70	24.92
	DFT_QAM16	1@1	LOW	24.00	23.66	23.88	23.87
	DFT_QAM64	1@1	LOW	23.00	22.26	22.53	22.51
	DFT_QAM256	1@1	LOW	21.00	20.42	20.63	20.39
	CP_QPSK	1@1	LOW	24.00	23.70	23.35	23.25

11.1.19 Conducted Power of NR n77(3450-3550)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334	633334	636332
					3455.0MHz	3500.0MHz	3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.11	22.29	22.27
	DFT_QPSK	24@0	LOW	21.50	21.29	21.31	21.27
	DFT_QPSK	12@6	LOW	22.50	22.23	22.27	22.12
	DFT_QPSK	1@1	LOW	22.50	22.41	22.32	22.11
	DFT_QPSK	1@22	LOW	22.50	22.44	22.35	22.22
	DFT_QAM16	1@1	LOW	22.00	21.39	21.73	21.28
	DFT_QAM64	1@1	LOW	20.50	20.13	19.48	19.66
	DFT_QAM256	1@1	LOW	18.50	17.88	18.13	17.66
	CP_QPSK	1@1	LOW	21.00	20.64	20.96	20.77
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668	633334	635000
					3475.0MHz	3500.0MHz	3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.50	22.14	22.41	22.18
	DFT_QPSK	128@0	LOW	21.50	21.38	21.38	21.22
	DFT_QPSK	64@32	LOW	22.50	22.45	22.36	22.28
	DFT_QPSK	1@1	LOW	22.50	22.08	22.35	22.18
	DFT_QPSK	1@131	LOW	22.50	22.19	22.12	22.11
	DFT_QAM16	1@1	LOW	21.50	21.13	21.29	21.29
	DFT_QAM64	1@1	LOW	20.00	19.81	19.98	19.67
	DFT_QAM256	1@1	LOW	18.00	17.90	17.91	17.82
	CP_QPSK	1@1	LOW	21.00	20.96	20.86	20.62
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334		
					3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.00	22.05		
	DFT_QPSK	270@0	LOW	24.00	21.34		
	DFT_QPSK	135@67	LOW	25.00	22.37		
	DFT_QPSK	1@1	LOW	25.00	22.10		
	DFT_QPSK	1@271	LOW	25.00	22.04		
	DFT_QAM16	1@1	LOW	24.00	20.72		
	DFT_QAM64	1@1	LOW	23.00	19.50		
	DFT_QAM256	1@1	LOW	21.00	17.55		
	CP_QPSK	1@1	LOW	23.50	20.32		

11.1.20 Conducted Power of NR n77(3550-3700)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	25.45	25.42	24.58
	DFT_QPSK	24@0	LOW	25.00	24.44	24.52	23.49
	DFT_QPSK	12@6	LOW	26.00	25.41	25.54	24.64
	DFT_QPSK	1@1	LOW	26.00	25.53	25.65	24.59
	DFT_QPSK	1@22	LOW	25.50	25.47	25.45	24.56
	DFT_QAM16	1@1	LOW	25.00	24.15	24.53	23.63
	DFT_QAM64	1@1	LOW	24.00	23.08	23.60	22.01
	DFT_QAM256	1@1	LOW	21.50	21.14	21.09	20.23
	CP_QPSK	1@1	LOW	24.00	23.78	24.00	23.37
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334	641666	645000
					3575.0MHz	3625.0MHz	3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.50	25.28	25.50	25.01
	DFT_QPSK	128@0	LOW	25.00	24.55	24.64	23.83
	DFT_QPSK	64@32	LOW	26.00	25.68	25.64	24.93
	DFT_QPSK	1@1	LOW	25.50	25.31	25.46	25.42
	DFT_QPSK	1@131	LOW	26.00	25.67	25.19	25.11
	DFT_QAM16	1@1	LOW	25.00	24.37	24.52	23.95
	DFT_QAM64	1@1	LOW	23.50	22.80	23.18	22.92
	DFT_QAM256	1@1	LOW	21.50	20.66	21.26	20.50
	CP_QPSK	1@1	LOW	24.50	23.72	24.22	23.42
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000	641666	643332
					3600.0MHz	3625.0MHz	3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	26.00	25.16	25.41	25.55
	DFT_QPSK	270@0	LOW	25.00	24.58	24.41	24.23
	DFT_QPSK	135@67	LOW	26.00	25.64	25.59	25.25
	DFT_QPSK	1@1	LOW	25.50	25.20	25.44	25.49
	DFT_QPSK	1@271	LOW	25.50	25.15	24.71	24.76
	DFT_QAM16	1@1	LOW	25.00	24.30	24.35	24.63
	DFT_QAM64	1@1	LOW	23.50	22.70	22.89	23.26
	DFT_QAM256	1@1	LOW	21.50	20.84	20.91	21.43
	CP_QPSK	1@1	LOW	24.50	23.78	23.87	24.21

11.1.21 Conducted Power of NR n77(3700-3980)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	656000 3890.0MHz	665000 3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	24.41	25.32	24.84
	DFT_QPSK	24@0	LOW	24.50	23.76	24.32	23.87
	DFT_QPSK	12@6	LOW	25.50	24.78	25.41	24.83
	DFT_QPSK	1@1	LOW	25.50	24.69	25.35	24.84
	DFT_QPSK	1@22	LOW	25.50	24.93	25.40	24.83
	DFT_QAM16	1@1	LOW	24.50	23.62	24.33	23.69
	DFT_QAM64	1@1	LOW	23.00	22.64	22.81	22.51
	DFT_QAM256	1@1	LOW	21.50	20.09	21.04	20.54
	CP_QPSK	1@1	LOW	24.50	23.65	24.40	23.57
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334 3725.0MHz	656000 3890.0MHz	663666 3955.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.50	24.63	25.36	24.67
	DFT_QPSK	128@0	LOW	25.00	24.18	24.58	23.88
	DFT_QPSK	64@32	LOW	26.00	25.23	25.60	24.83
	DFT_QPSK	1@1	LOW	25.50	24.60	25.28	24.80
	DFT_QPSK	1@131	LOW	26.00	25.18	25.54	24.93
	DFT_QAM16	1@1	LOW	24.50	23.65	24.15	23.88
	DFT_QAM64	1@1	LOW	23.50	22.26	23.31	22.23
	DFT_QAM256	1@1	LOW	21.00	20.31	20.82	20.36
	CP_QPSK	1@1	LOW	24.00	23.20	23.66	23.58
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000 3750.0MHz	656000 3890.0MHz	662000 3930.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.50	24.60	25.23	25.29
	DFT_QPSK	270@0	LOW	24.50	24.14	22.55	23.92
	DFT_QPSK	135@67	LOW	26.00	25.21	25.58	24.87
	DFT_QPSK	1@1	LOW	25.50	24.62	25.21	25.49
	DFT_QPSK	1@271	LOW	26.00	25.12	25.25	25.72
	DFT_QAM16	1@1	LOW	24.50	23.50	24.14	24.36
	DFT_QAM64	1@1	LOW	23.50	22.04	22.87	23.02
	DFT_QAM256	1@1	LOW	21.50	20.10	21.09	21.02
	CP_QPSK	1@1	LOW	24.00	23.07	23.96	23.71

11.1.22 Conducted Power of NR n78(3450-3550)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.35	22.02	21.86
	DFT_QPSK	24@0	LOW	21.50	21.24	21.18	20.92
	DFT_QPSK	12@6	LOW	22.50	22.33	22.23	21.87
	DFT_QPSK	1@1	LOW	23.00	22.51	22.30	21.85
	DFT_QPSK	1@22	LOW	22.50	22.41	22.39	21.99
	DFT_QAM16	1@1	LOW	21.50	21.21	21.28	21.22
	DFT_QAM64	1@1	LOW	20.00	19.65	19.98	19.01
	DFT_QAM256	1@1	LOW	18.50	18.12	17.75	17.65
	CP_QPSK	1@1	LOW	21.00	20.74	20.55	20.51
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668 3475.0MHz	633334 3500.0MHz	635000 3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.50	22.12	22.16	22.06
	DFT_QPSK	128@0	LOW	21.50	21.27	21.21	21.03
	DFT_QPSK	64@32	LOW	22.50	22.30	22.15	22.05
	DFT_QPSK	1@1	LOW	22.50	22.13	22.15	22.01
	DFT_QPSK	1@131	LOW	22.50	22.16	21.85	21.87
	DFT_QAM16	1@1	LOW	21.50	21.36	21.14	20.98
	DFT_QAM64	1@1	LOW	20.00	19.57	19.81	19.65
	DFT_QAM256	1@1	LOW	18.00	17.42	17.94	17.57
	CP_QPSK	1@1	LOW	21.00	20.38	20.91	20.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.50		21.97	
	DFT_QPSK	270@0	LOW	24.00		21.13	
	DFT_QPSK	135@67	LOW	26.00		22.25	
	DFT_QPSK	1@1	LOW	25.50		21.95	
	DFT_QPSK	1@271	LOW	26.00		21.74	
	DFT_QAM16	1@1	LOW	24.50		20.99	
	DFT_QAM64	1@1	LOW	23.50		19.52	
	DFT_QAM256	1@1	LOW	21.50		17.64	
	CP_QPSK	1@1	LOW	24.00		20.41	

11.1.23 Conducted Power of NR n78(3550-3700)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000 3560.0MHz	641666 3625.0MHz	646332 3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.03	22.11	21.89
	DFT_QPSK	24@0	LOW	21.50	20.87	21.18	20.95
	DFT_QPSK	12@6	LOW	22.50	21.88	22.18	22.06
	DFT_QPSK	1@1	LOW	22.50	21.92	22.05	21.89
	DFT_QPSK	1@22	LOW	22.50	21.83	22.16	21.86
	DFT_QAM16	1@1	LOW	21.50	21.11	21.04	21.02
	DFT_QAM64	1@1	LOW	20.00	19.53	19.91	19.48
	DFT_QAM256	1@1	LOW	18.00	17.43	17.85	17.33
	CP_QPSK	1@1	LOW	21.50	20.54	21.42	20.74
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334 3575.0MHz	641666 3625.0MHz	645000 3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.50	21.82	21.86	22.03
	DFT_QPSK	128@0	LOW	21.50	20.87	21.17	21.11
	DFT_QPSK	64@32	LOW	22.50	21.77	22.22	22.15
	DFT_QPSK	1@1	LOW	22.00	21.76	21.90	21.95
	DFT_QPSK	1@131	LOW	22.50	22.01	22.06	21.83
	DFT_QAM16	1@1	LOW	21.00	20.90	20.49	20.97
	DFT_QAM64	1@1	LOW	20.00	19.27	19.23	19.51
	DFT_QAM256	1@1	LOW	18.00	17.46	17.23	17.74
	CP_QPSK	1@1	LOW	20.50	20.21	20.31	20.21
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000 3600.0MHz	641666 3625.0MHz	641332 3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	22.00	21.67	21.47	21.89
	DFT_QPSK	128@0	LOW	21.50	20.95	21.03	21.12
	DFT_QPSK	64@32	LOW	22.50	21.95	22.14	22.19
	DFT_QPSK	1@1	LOW	22.00	21.74	21.45	21.90
	DFT_QPSK	1@131	LOW	22.00	21.96	21.94	21.88
	DFT_QAM16	1@1	LOW	21.00	20.66	20.85	20.98
	DFT_QAM64	1@1	LOW	19.50	19.35	18.75	19.25
	DFT_QAM256	1@1	LOW	17.50	17.39	17.09	17.12
	CP_QPSK	1@1	LOW	20.50	20.21	19.92	20.24

11.1.24 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	650000 3750.0MHz	653000 3795.0MHz
10MHz	DFT BPSK	1@1	LOW	22.00	21.95	21.51	21.25
	DFT QPSK	24@0	LOW	21.00	20.87	20.57	20.36
	DFT QPSK	12@6	LOW	22.00	21.86	21.57	21.38
	DFT QPSK	1@1	LOW	22.00	21.84	21.47	21.28
	DFT QPSK	1@22	LOW	22.00	21.76	21.53	21.31
	DFT QAM16	1@1	LOW	21.50	21.04	20.46	20.37
	DFT QAM64	1@1	LOW	19.50	19.37	19.33	18.81
	DFT QAM256	1@1	LOW	17.50	17.36	17.24	16.78
	CP QPSK	1@1	LOW	21.00	20.50	20.86	19.98
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334 3725.0MHz	650000 3750.0MHz	651666 3775.0MHz
50MHz	DFT BPSK	1@1	LOW	22.00	21.66	21.50	21.57
	DFT QPSK	128@0	LOW	21.00	20.70	20.56	20.47
	DFT QPSK	64@32	LOW	22.00	21.68	21.63	21.46
	DFT QPSK	1@1	LOW	22.00	21.68	21.55	21.47
	DFT QPSK	1@131	LOW	21.50	21.44	21.37	21.31
	DFT QAM16	1@1	LOW	21.00	20.79	20.16	20.44
	DFT QAM64	1@1	LOW	19.50	19.15	18.90	19.00
	DFT QAM256	1@1	LOW	17.50	17.28	16.93	17.23
	CP QPSK	1@1	LOW	20.50	20.12	19.92	19.86
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000 3750.0MHz		
100MHz	DFT BPSK	1@1	LOW	22.00	21.61		
	DFT QPSK	270@0	LOW	21.00	20.56		
	DFT QPSK	135@67	LOW	22.00	21.61		
	DFT QPSK	1@1	LOW	22.00	21.72		
	DFT QPSK	1@271	LOW	21.50	21.27		
	DFT QAM16	1@1	LOW	21.00	20.68		
	DFT QAM64	1@1	LOW	19.50	19.37		
	DFT QAM256	1@1	LOW	17.50	17.37		
	CP QPSK	1@1	LOW	20.50	20.20		

11.1.25 Conducted Power of Wi-Fi 2.4G

ANT1

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	17.01	17.95	15.89
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.74	19.34	19.25
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	21.44	22.02	20.25
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	19.79	19.95	19.44
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.42	19.01	19.46
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.21	19.46	19.34

ANT2

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	11.96	8.98	11.27
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	14.82	12.19	13.89
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	15.73	12.99	14.74
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	12.60	11.69	12.32
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.53	19.17	20.54
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.23	12.27	14.03

MIMO

Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	22.47	22.53	21.33
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.55	20.55	20.21
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	23.49	22.10	23.04
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	23.23	20.66 2	20.46

11.1.26 Conducted Power of Wi-Fi 5G

Ant 1						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	11.00±1.0	10.51	No
		48	5240	13.00±1.0	12.93	No
	802.11n-HT20	36	5180	14.00±1.0	13.65	No
		48	5240	15.50±1.0	15.06	No
	802.11n-HT40	38	5190	11.50±1.0	11.42	No
		46	5230	12.50±1.0	12.43	No
	802.11ac-VHT20	36	5180	13.50±1.0	13.15	No
		48	5240	15.50±1.0	15.38	Yes
	802.11ac-VHT40	38	5190	12.00±1.0	11.87	No
		46	5230	12.50±1.0	12.38	No
	802.11ac-VHT80	42	5210	9.00±1.0	8.92	No
	802.11ax-HT20	36	5180	13.00±1.0	12.66	No
		48	5240	15.00±1.0	14.95	No
	802.11ax-HT40	38	5190	11.50±1.0	11.35	No
		46	5230	13.50±1.0	13.06	No
	802.11ax-HT80	42	5210	13.00±1.0	12.73	No
	802.11ax-HT160	50	5250	9.00±1.0	8.58	No
Ant 2						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	10.50±1.0	10.31	No
		48	5240	11.50±1.0	11.46	No
	802.11n-HT20	36	5180	12.00±1.0	11.75	Yes
		48	5240	11.50±1.0	11.45	No
	802.11n-HT40	38	5190	9.50±1.0	9.19	No
		46	5230	10.50±1.0	10.27	No
	802.11ac-VHT20	36	5180	11.00±1.0	10.93	No
		48	5240	11.00±1.0	10.87	No
	802.11ac-VHT40	38	5190	9.50±1.0	9.23	No
		46	5230	10.50±1.0	10.40	No
	802.11ac-VHT80	42	5210	7.00±1.0	6.71	No
		36	5180	11.00±1.0	10.99	No
	802.11ax-HT20	48	5240	11.00±1.0	10.78	No
		38	5190	9.00±1.0	8.87	No
	802.11ax-HT40	46	5230	9.00±1.0	8.97	No
		42	5210	7.50±1.0	7.01	No
	802.11ax-HT160	50	5250	2.50±1.0	2.15	No
MIMO						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11n-HT20	36	5180	18.00±1.0	17.69	No
		48	5240	19.50±1.0	19.07	No
	802.11n-HT40	38	5190	16.50±1.0	16.13	No
		46	5230	18.50±1.0	18.36	No
	802.11ac-VHT20	36	5180	17.50±1.0	17.03	No
		48	5240	18.50±1.0	18.48	No
	802.11ac-VHT40	38	5190	17.50±1.0	17.10	No
		46	5230	17.50±1.0	17.43	No
	802.11ac-VHT80	42	5210	17.50±1.0	17.09	No
		36	5180	18.00±1.0	17.59	No
	802.11ax-HT20	48	5240	19.00±1.0	19.00	No
		38	5190	18.00±1.0	17.51	No
	802.11ax-HT40	46	5230	19.00±1.0	18.66	No
		42	5210	20.50±1.0	20.34	Yes
	802.11ax-HT160	50	5250	17.50±1.0	17.38	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	13.50±1.0	13.07	No
		64	5320	14.00±1.0	13.89	No
	802.11n-HT20	52	5260	15.50±1.0	15.20	No
		64	5320	15.50±1.0	15.34	No
	802.11n-HT40	54	5270	13.00±1.0	12.91	No
		62	5310	14.00±1.0	13.68	No
	802.11ac-VHT20	52	5260	15.50±1.0	15.22	No
		64	5320	15.50±1.0	15.47	No
	802.11ac-VHT40	54	5270	13.50±1.0	13.20	No
		62	5310	13.50±1.0	13.01	No
	802.11ac-VHT80	58	5290	10.50±1.0	10.36	No
		52	5260	14.50±1.0	14.31	No
	802.11ax-HT20	64	5320	16.00±1.0	15.64	Yes
		54	5270	14.50±1.0	14.18	No
	802.11ax-HT40	62	5310	13.00±1.0	12.59	No
		58	5290	12.50±1.0	12.23	No
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	11.00 ±1.0	10.95	No
		64	5320	9.50±1.0	9.28	No
	802.11n-HT20	52	5260	11.50±1.0	11.44	No
		64	5320	11.50±1.0	11.15	No
	802.11n-HT40	54	5270	9.50±1.0	9.06	No
		62	5310	9.00±1.0	8.94	No
	802.11ac-VHT20	52	5260	12.00±1.0	11.74	No
		64	5320	12.00±1.0	11.71	No
	802.11ac-VHT40	54	5270	9.50±1.0	9.08	No
		62	5310	10.00±1.0	9.60	No
	802.11ac-VHT80	58	5290	7.50±1.0	7.07	No
		52	5260	12.00±1.0	11.76	Yes
	802.11ax-HT20	64	5320	12.00±1.0	11.69	No
		54	5270	9.00±1.0	8.83	No
	802.11ax-HT40	62	5310	8.50±1.0	8.27	No
		58	5290	6.00±1.0	5.94	No
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11n-HT20	52	5260	19.00 ±1.0	18.57	No
		64	5320	18.50 ±1.0	18.48	No
	802.11n-HT40	54	5270	18.50 ±1.0	18.09	No
		62	5310	18.00 ±1.0	17.72	No
	802.11ac-VHT20	52	5260	19.00 ±1.0	18.64	No
		64	5320	19.00 ±1.0	18.77	No
	802.11ac-VHT40	54	5270	17.50 ±1.0	17.35	No
		62	5310	17.50 ±1.0	17.07	No
	802.11ac-VHT80	58	5290	17.00 ±1.0	16.97	No
		52	5260	19.00 ±1.0	18.90	No
	802.11ax-HT20	64	5320	20.00 ±1.0	19.71	No
		54	5270	20.00 ±1.0	19.58	No
	802.11ax-HT40	62	5310	18.50 ±1.0	18.05	No
		58	5290	20.00 ±1.0	19.87	Yes

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	15.00 ± 1.0	14.62	No
		140	5700	13.50 ± 1.0	13.27	No
	802.11n-HT20	100	5500	17.00 ± 1.0	16.75	Yes
		140	5700	15.00 ± 1.0	14.77	No
	802.11n-HT40	102	5510	14.00 ± 1.0	13.74	No
		134	5670	13.00 ± 1.0	12.69	No
	802.11ac-VHT20	100	5500	17.00 ± 1.0	16.56	No
		140	5700	13.50 ± 1.0	13.40	No
	802.11ac-VHT40	102	5510	14.00 ± 1.0	13.72	No
		134	5670	13.00 ± 1.0	12.78	No
	802.11ac-VHT80	106	5530	11.00 ± 1.0	10.95	No
		122	5610	11.00 ± 1.0	10.85	No
	802.11ax-HT20	100	5500	16.00 ± 1.0	15.67	No
		140	5700	14.50 ± 1.0	14.47	No
	802.11ax-HT40	102	5510	13.50 ± 1.0	13.33	No
		134	5670	13.00 ± 1.0	12.79	No
	802.11ax-HT80	106	5530	11.50 ± 1.0	11.24	No
		122	5610	12.00 ± 1.0	11.96	No
	802.11ax- HT160	114	5570	9.00 ± 1.0	8.76	No
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	10.50 ± 1.0	10.43	No
		140	5700	13.50 ± 1.0	13.43	No
	802.11n-HT20	100	5500	12.00 ± 1.0	11.61	No
		140	5700	14.00 ± 1.0	13.66	No
	802.11n-HT40	102	5510	8.50 ± 1.0	8.43	No
		134	5670	11.00 ± 1.0	10.89	No
	802.11ac-VHT20	100	5500	11.50 ± 1.0	11.26	No
		140	5700	15.50 ± 1.0	15.02	Yes
	802.11ac-VHT40	102	5510	9.50 ± 1.0	9.36	No
		134	5670	12.00 ± 1.0	11.88	No
	802.11ac-VHT80	106	5530	7.50 ± 1.0	7.17	No
		122	5610	8.50 ± 1.0	8.16	No
	802.11ax-HT20	100	5500	11.00 ± 1.0	10.74	No
		140	5700	14.00 ± 1.0	13.60	No
	802.11ax-HT40	102	5510	9.00 ± 1.0	8.74	No
		134	5670	10.00 ± 1.0	9.69	No
	802.11ax-HT80	106	5530	7.00 ± 1.0	6.98	No
		122	5610	8.00 ± 1.0	7.67	No
	802.11ax- HT160	114	5570	5.00 ± 1.0	4.83	No
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11n-HT20	100	5500	20.00 ± 1.0	19.74	No
		140	5700	19.50 ± 1.0	19.19	No
	802.11n-HT40	102	5510	18.50 ± 1.0	18.21	No
		134	5670	19.00 ± 1.0	18.58	No
	802.11ac-VHT20	100	5500	20.50 ± 1.0	20.34	Yes
		140	5700	20.00 ± 1.0	19.71	No
	802.11ac-VHT40	102	5510	18.50 ± 1.0	18.04	No
		134	5670	19.00 ± 1.0	18.74	No
	802.11ac-VHT80	106	5530	17.50 ± 1.0	17.36	No
		122	5610	15.00 ± 1.0	14.78	No
	802.11ax-HT20	100	5500	19.50 ± 1.0	19.46	No
		140	5700	20.00 ± 1.0	19.79	No
	802.11ax-HT40	102	5510	19.00 ± 1.0	19.00	No
		134	5670	19.50 ± 1.0	19.03	No
	802.11ax-HT80	106	5530	18.50 ± 1.0	18.19	No
		122	5610	19.00 ± 1.0	18.97	No
	802.11ax- HT160	114	5570	18.50 ± 1.0	18.23	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	15.00 ±1.0	14.82	No
		165	5825	16.50 ±1.0	16.15	No
	802.11n-HT20	149	5745	16.00 ±1.0	15.93	No
		165	5825	16.50 ±1.0	16.32	No
	802.11n-HT40	151	5755	13.50±1.0	13.48	No
		159	5795	15.00 ±1.0	14.55	No
	802.11ac-VHT20	149	5745	16.00 ±1.0	15.61	No
		165	5825	17.00 ±1.0	16.54	Yes
	802.11ac-VHT40	151	5755	13.50 ±1.0	13.18	No
		159	5795	15.00 ±1.0	14.80	No
	802.11ac-VHT80	155	5775	14.50 ±1.0	14.03	No
	802.11ax-HT20	149	5745	15.50 ±1.0	15.45	No
		165	5825	16.50 ±1.0	16.50	No
	802.11ax-HT40	151	5755	15.00 ±1.0	14.58	No
		159	5795	15.00 ±1.0	14.69	No
	802.11ax-HT80	155	5775	13.00 ±1.0	12.87	No
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	13.00 ±1.0	12.79	No
		165	5825	12.50 ±1.0	12.44	No
	802.11n-HT20	149	5745	14.50 ±1.0	14.02	No
		165	5825	14.00 ±1.0	13.61	No
	802.11n-HT40	151	5755	12.00 ±1.0	11.66	No
		159	5795	11.50 ±1.0	11.43	No
	802.11ac-VHT20	149	5745	14.50 ±1.0	14.11	Yes
		165	5825	13.50 ±1.0	13.18	No
	802.11ac-VHT40	151	5755	12.00 ±1.0	11.93	No
		159	5795	11.00 ±1.0	10.79	No
	802.11ac-VHT80	155	5775	9.00 ±1.0	8.58	No
	802.11ax-HT20	149	5745	14.00 ±1.0	13.97	No
		165	5825	12.50 ±1.0	12.31	No
	802.11ax-HT40	151	5755	10.50 ±1.0	10.20	No
		159	5795	11.50 ±1.0	11.50	No
	802.11ax-HT80	155	5775	8.00 ±1.0	7.66	No
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11n-HT20	149	5745	21.00 ±1.0	20.55	No
		165	5825	20.50 ±1.0	20.10	No
	802.11n-HT40	151	5755	19.50 ±1.0	19.13	No
		159	5795	20.00 ±1.0	19.58	No
	802.11ac-VHT20	149	5745	20.50 ±1.0	20.30	No
		165	5825	21.00 ±1.0	20.58	No
	802.11ac-VHT40	151	5755	19.00 ±1.0	18.86	No
		159	5795	20.00 ±1.0	19.70	No
	802.11ac-VHT80	155	5775	18.50 ±1.0	18.32	No
	802.11ax-HT20	149	5745	21.00 ±1.0	20.64	No
		165	5825	21.00 ±1.0	20.59	No
	802.11ax-HT40	151	5755	21.00 ±1.0	20.58	No
		159	5795	21.50 ±1.0	21.24	Yes
	802.11ax-HT80	155	5775	21.00 ±1.0	20.91	No

11.1.27 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
			9.81	10.58	8.98
	GFSK	11.00	9.81	10.58	8.98
	π/4QPSK	10.00	9.29	9.57	8.01
	8DPSK	10.00	9.07	9.72	8.09
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
			6.15	6.21	4.98
	1Mbps	6.50	6.15	6.21	4.98
	2Mbps	6.00	5.51	5.96	5.26
Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (dBm)	Exclusion thresholds for 1-g SAR(dBm)	SAR evaluation required
0	2.441	11.00	10.58	4.77	Yes
0	2.402	6.50	6.21	4.77	Yes

Note-

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01, the 1-g SAR test exclusion thresholds for 300 MHz to 6 GHz at test separation distances ≤ 40 cm are determined by:

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

*When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine estimated SAR.

- Per KDB 248227 D01 v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
- The output power of all data rate were prescan, just the worst case (the lowest data rate) of all mode were shown in report.

11.1.28 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)	
GSM850	GSM/GPRS (GMSK)	GSM Max output power =33.50±1.0dBm
		1TXslots Max output power =33.50±1.0dBm
		2TXslots Max output power =33.00±1.0dBm
		3TXslots Max output power =31.00±1.0dBm
	EGPRS (8-PSK)	4TXslots Max output power =30.00±1.0dBm
		1TXslots Max output power =33.50±1.0dBm
		2TXslots Max output power =33.00±1.0dBm
		3TXslots Max output power =30.00±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots Max output power =29.50±1.0dBm
		GSM Max output power =29.50±1.0dBm
		1TXslots Max output power =29.50±1.0dBm
		2TXslots Max output power =28.50±1.0dBm
	EGPRS (8-PSK)	3TXslots Max output power =27.00±1.0dBm
		4TXslots Max output power =25.50±1.0dBm
		1TXslots Max output power =29.00±1.0dBm
		2TXslots Max output power =28.50±1.0dBm
WCDMA 2		3TXslots Max output power =27.00±1.0dBm
WCDMA 4		4TXslots Max output power =25.50±1.0dBm
WCDMA 5		Max output power =26.00±1.0dBm
LTE B2		Max output power =25.50±1.0dBm
LTE B4		Max output power =26.50±1.0dBm
LTE B5		Max output power =24.00±1.0dBm
LTE B7		Max output power =24.00±1.0dBm
LTE B12		Max output power =25.00±1.0dBm
LTE B17		Max output power =23.50±1.0dBm
LTE B38		Max output power =24.50±1.0dBm
LTE B41		Max output power =24.50±1.0dBm
LTE B42		Max output power =24.00±1.0dBm
LTE B66		Max output power =20.50±1.0dBm
NR n5		Max output power =24.00±1.0dBm
NR n7		Max output power =24.00±1.0dBm
NR n12		Max output power =23.50±1.0dBm
NR n38		Max output power =24.50±1.0dBm
NR n41		Max output power =23.50±1.0dBm
NR n66		Max output power =23.00±1.0dBm
NR n71		Max output power =24.00±1.0dBm
NR n77		Max output power =25.50±1.0dBm
NR n77		Max output power =22.50±1.0dBm
NR n77		Max output power =26.00±1.0dBm
NR n77		Max output power =26.00±1.0dBm
NR n78		Max output power =23.00±1.0dBm
NR n78		Max output power =22.50±1.0dBm
NR n78		Max output power =22.00±1.0dBm

Band	Tune-up power tolerance(dBm)				
WIFI	2.4G (MAIN ANT1)		802.11b	Max output power =18.00±1.0dBm	
			802.11g	Max output power =21.00±1.0dBm	
			802.11n (HT20)	Max output power =22.50±1.0dBm	
			802.11n (HT40)	Max output power =20.00±1.0dBm	
			802.11ax20	Max output power =20.50±1.0dBm	
			802.11ax40	Max output power =20.50±1.0dBm	
	2.4G (AUX ANT2)		802.11b	Max output power =12.00±1.0dBm	
			802.11g	Max output power =15.00±1.0dBm	
			802.11n (HT20)	Max output power =16.00±1.0dBm	
			802.11n (HT40)	Max output power =13.00±1.0dBm	
			802.11ax20	Max output power =21.00±1.0dBm	
			802.11ax40	Max output power =20.50±1.0dBm	
	2.4G (MIMOMode)		802.11n (HT20)	Max output power =23.50±1.0dBm	
			802.11n (HT40)	Max output power =21.00±1.0dBm	
			802.11ax20	Max output power =23.50±1.0dBm	
			802.11ax40	Max output power =23.50±1.0dBm	
	U-NII-1 (5150-5250)		Ant 1	802.11ac-VHT20	Max output power =15.50±1.0dBm
			Ant 2	802.11n-HT20	Max output power =12.00±1.0dBm
			MIMO	802.11ax-HT80	Max output power =20.50±1.0dBm
	U-NII-2a (5250-5350)		Ant 1	802.11ax-HT20	Max output power =16.00±1.0dBm
			Ant 2	802.11ax-HT20	Max output power =12.00±1.0dBm
			MIMO	802.11ax-HT80	Max output power =20.00±1.0dBm
	U-NII-2c (5470-5725)		Ant 1	802.11n-HT20	Max output power =17.00±1.0dBm
			Ant 2	802.11ac-VHT20	Max output power =15.50±1.0dBm
			MIMO	802.11ac-VHT20	Max output power =20.50±1.0dBm
	U-NII-3 (5725-5825)		Ant 1	802.11ac-VHT20	Max output power =17.00±1.0dBm
			Ant 2	802.11ac-VHT20	Max output power =14.50±1.0dBm
			MIMO	802.11ax-HT40	Max output power =21.50±1.0dBm
BT	GFSK mode			Max output power =11.00±1.0dBm	
	Pi/4DQPSK mode			Max output power =10.00±1.0dBm	
	8DPSK mode			Max output power =10.00±1.0dBm	
BLE	1Mbps Power			Max output power =6.50±1.0dBm	
	2Mbps Power			Max output power =6.00±1.0dBm	

11.2 SAR test results

Notes:

- 1) Per KDB447498 ,the SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the scaled SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit ($< 0.8 \text{ W/kg}$), testing at the high and low channels is optional.
- 2) Per KDB447498 , 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: $\leq 0.8 \text{ W/kg}$ or 2.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\leq 100 \text{ MHz}$. When the maximum output power variation across the required test channels is $> \frac{1}{2} \text{ dB}$, instead of the middle channel, the highest output power channel must be used.
- 3) Per KDB447498 , All measurement SAR result is scaled-up to account for tune-up tolerance is compliant.
- 4) Per KDB648474 D04v01r02, body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn with headset SAR.
- 5) Per KDB248227 D01v01r02, the procedures required to establish specific device operating configurations for testing the SAR of 802.11 a/b/g transmitters.
 - (1) For Headsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is $\leq 0.4 \text{ W/kg}$, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is $\leq 0.8 \text{ W/kg}$ or all test positions are measured.
 - (2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is $\leq 0.8 \text{ W/kg}$, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is $> 1.2 \text{ W/kg}$, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is $\leq 1.2 \text{ W/kg}$.

(3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is ≤ 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is ≤ 1.2 W/kg.

6) Per KDB865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/Kg; if the deviation among the repeated measurement is $\leq 20\%$, and the measured SAR < 1.45 W/Kg, only one repeated measurement is required.

7) Per KDB865664 D02v01r01, 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).

8) Per KDB941225 D06v01r01, 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.

9) Per KDB 941225 D01, 3G SAR Measurement Procedures, The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ 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 secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

10) Per KDB 941225 D05, SAR Evaluation Considerations for LTE Devices

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

(2) QPSK with 100% RB allocation

SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be

tested.

(3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> 1/2$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

(4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is $> 1/2$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

11.3 Test Result

11.3.1 Results overview of GSM

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 850 (voice)	Left Cheek	190	836.6	-0.03	0.320	100	1.00	33.39	33.50	1.026	0.328
	Left Tilt	190	836.6	-0.05	0.169	100	1.00	33.39	33.50	1.026	0.173
	Right Cheek	190	836.6	0.01	0.142	100	1.00	33.39	33.50	1.026	0.146
	Right Tilt	190	836.6	-0.04	0.056	100	1.00	33.39	33.50	1.026	0.057
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 850+4slots	Front	190	836.6	-0.05	1.010	100	1.00	33.39	33.50	1.026	1.036
	Back	190	836.6	-0.02	1.050	100	1.00	33.39	33.50	1.026	1.077
	Left	190	836.6	-0.06	0.764	100	1.00	33.39	33.50	1.026	0.784
	right	190	836.6	0.03	0.243	100	1.00	33.39	33.50	1.026	0.249
	Top	190	836.6	-0.01	0.193	100	1.00	33.39	33.50	1.026	0.198
	Bottom	190	836.6	0.02	0.141	100	1.00	33.39	33.50	1.026	0.145

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 1900 (voice)	Left Cheek	512	1850.2	0.01	0.173	100	1.00	29.08	29.50	1.102	0.191
	Left Tilt	512	1850.2	-0.02	0.284	100	1.00	29.08	29.50	1.102	0.313
	Right Cheek	512	1850.2	-0.06	0.406	100	1.00	29.08	29.50	1.102	0.447
	Right Tilt	512	1850.2	0.03	0.513	100	1.00	29.08	29.50	1.102	0.565
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 1900+4slots	Front	512	1850.2	-0.03	0.575	100	1.00	29.08	29.50	1.102	0.633
	Back	512	1850.2	0.00	0.818	100	1.00	29.08	29.50	1.102	0.901
	Left	512	1850.2	-0.07	0.430	100	1.00	29.08	29.50	1.102	0.474
	right	512	1850.2	0.02	0.125	100	1.00	29.08	29.50	1.102	0.138
	Top	512	1850.2	0.04	0.537	100	1.00	29.08	29.50	1.102	0.592
	Bottom	512	1850.2	-0.06	0.024	100	1.00	29.08	29.50	1.102	0.026

11.3.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9538	1907.6	0.02	0.108	100	1.00	25.50	26.00	1.122	0.121
	Left Tilt	9538	1907.6	-0.07	0.164	100	1.00	25.50	26.00	1.122	0.184
	Right Cheek	9538	1907.6	-0.05	0.298	100	1.00	25.50	26.00	1.122	0.334
	Right Tilt	9538	1907.6	-0.01	0.394	100	1.00	25.50	26.00	1.122	0.442
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9538	1907.6	0.03	0.039	100	1.00	25.50	26.00	1.122	0.044
	Back	9538	1907.6	-0.14	0.054	100	1.00	25.50	26.00	1.122	0.061
	Left	9538	1907.6	-0.02	0.030	100	1.00	25.50	26.00	1.122	0.034
	right	9538	1907.6	0.01	0.009	100	1.00	25.50	26.00	1.122	0.010
	Top	9538	1907.6	-0.04	0.037	100	1.00	25.50	26.00	1.122	0.042
	Bottom	9538	1907.6	0.08	0.002	100	1.00	25.50	26.00	1.122	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Left Cheek	1413	1732.6	0.07	0.083	100	1.00	25.41	25.50	1.021	0.085
	Left Tilt	1413	1732.6	-0.03	0.122	100	1.00	25.41	25.50	1.021	0.125
	Right Cheek	1413	1732.6	0.04	0.195	100	1.00	25.41	25.50	1.021	0.199
	Right Tilt	1413	1732.6	-0.19	0.294	100	1.00	25.41	25.50	1.021	0.300
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Front	1413	1732.6	-0.07	0.035	100	1.00	25.41	25.50	1.021	0.036
	Back	1413	1732.6	0.09	0.047	100	1.00	25.41	25.50	1.021	0.048
	Left	1413	1732.6	-0.03	0.022	100	1.00	25.41	25.50	1.021	0.022
	right	1413	1732.6	0.01	0.008	100	1.00	25.41	25.50	1.021	0.008
	Top	1413	1732.6	0.05	0.028	100	1.00	25.41	25.50	1.021	0.029
	Bottom	1413	1732.6	0.02	0.002	100	1.00	25.41	25.50	1.021	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	4132	826.4	0.020	1.010	100	1.00	26.46	26.50	1.009	1.019
	Left Tilt	4132	826.4	0.040	0.483	100	1.00	26.46	26.50	1.009	0.487
	Right Cheek	4132	826.4	0.010	0.617	100	1.00	26.46	26.50	1.009	0.623
	Right Tilt	4132	826.4	0.030	0.167	100	1.00	26.46	26.50	1.009	0.169
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Front	4132	826.4	-0.070	0.563	100	1.00	26.46	26.50	1.009	0.568
	Back	4132	826.4	-0.050	0.548	100	1.00	26.46	26.50	1.009	0.553
	Left	4132	826.4	0.020	0.394	100	1.00	26.46	26.50	1.009	0.398
	right	4132	826.4	-0.060	0.163	100	1.00	26.46	26.50	1.009	0.165
	Top	4132	826.4	-0.130	0.137	100	1.00	26.46	26.50	1.009	0.138
	Bottom	4132	826.4	-0.090	0.105	100	1.00	26.46	26.50	1.009	0.106

11.3.3 Results overview of LTE

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	-0.02	0.091	100	1.00	23.71	24.00	1.069	0.097
		Left Tilt	19125	1902.5	-0.04	0.163	100	1.00	23.71	24.00	1.069	0.174
		Right Cheek	19125	1902.5	-0.06	0.204	100	1.00	23.71	24.00	1.069	0.218
		Right Tilt	19125	1902.5	-0.01	0.340	100	1.00	23.71	24.00	1.069	0.363
	50%RB	Left Cheek	19125	1902.5	-0.05	0.060	100	1.00	23.71	24.00	1.069	0.064
		Left Tilt	19125	1902.5	0.02	0.124	100	1.00	23.71	24.00	1.069	0.133
		Right Cheek	19125	1902.5	-0.01	0.188	100	1.00	23.71	24.00	1.069	0.201
		Right Tilt	19125	1902.5	0.08	0.296	100	1.00	23.71	24.00	1.069	0.316
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	19125	1902.5	-0.06	0.032	100	1.00	23.71	24.00	1.069	0.034
		Back	19125	1902.5	-0.07	0.043	100	1.00	23.71	24.00	1.069	0.046
		Left	19125	1902.5	0.17	0.019	100	1.00	23.71	24.00	1.069	0.020
		right	19125	1902.5	0.03	0.005	100	1.00	23.71	24.00	1.069	0.005
		Top	19125	1902.5	0.08	0.035	100	1.00	23.71	24.00	1.069	0.037
		Bottom	19125	1902.5	-0.02	0.002	100	1.00	23.71	24.00	1.069	0.002
	50%RB	Front	19125	1902.5	0.05	0.025	100	1.00	23.71	24.00	1.069	0.027
		Back	19125	1902.5	0.02	0.037	100	1.00	23.71	24.00	1.069	0.040
		Left	19125	1902.5	-0.03	0.013	100	1.00	23.71	24.00	1.069	0.014
		right	19125	1902.5	0.01	0.003	100	1.00	23.71	24.00	1.069	0.003
		Top	19125	1902.5	-0.05	0.028	100	1.00	23.71	24.00	1.069	0.030
		Bottom	19125	1902.5	-0.07	0.002	100	1.00	23.71	24.00	1.069	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	-0.05	0.046	100	1.00	23.95	24.00	1.012	0.047
		Left Tilt	19975	1712.5	0.02	0.125	100	1.00	23.95	24.00	1.012	0.126
		Right Cheek	19975	1712.5	-0.08	0.117	100	1.00	23.95	24.00	1.012	0.118
		Right Tilt	19975	1712.5	-0.04	0.274	100	1.00	23.95	24.00	1.012	0.277
	50%RB	Left Cheek	19975	1712.5	-0.05	0.027	100	1.00	23.95	24.00	1.012	0.027
		Left Tilt	19975	1712.5	-0.06	0.095	100	1.00	23.95	24.00	1.012	0.096
		Right Cheek	19975	1712.5	-0.03	0.088	100	1.00	23.95	24.00	1.012	0.089
		Right Tilt	19975	1712.5	0.03	0.225	100	1.00	23.95	24.00	1.012	0.228
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Front	19975	1712.5	-0.02	0.027	100	1.00	23.95	24.00	1.012	0.027
		Back	19975	1712.5	0.07	0.041	100	1.00	23.95	24.00	1.012	0.041
		Left	19975	1712.5	0.06	0.022	100	1.00	23.95	24.00	1.012	0.022
		right	19975	1712.5	-0.05	0.004	100	1.00	23.95	24.00	1.012	0.004
		Top	19975	1712.5	0.00	0.030	100	1.00	23.95	24.00	1.012	0.030
		Bottom	19975	1712.5	0.01	0.002	100	1.00	23.95	24.00	1.012	0.002
	50%RB	Front	19975	1712.5	-0.08	0.018	100	1.00	23.95	24.00	1.012	0.018
		Back	19975	1712.5	0.02	0.031	100	1.00	23.95	24.00	1.012	0.031
		Left	19975	1712.5	0.04	0.014	100	1.00	23.95	24.00	1.012	0.014
		right	19975	1712.5	-0.07	0.002	100	1.00	23.95	24.00	1.012	0.002
		Top	19975	1712.5	-0.03	0.023	100	1.00	23.95	24.00	1.012	0.023
		Bottom	19975	1712.5	-0.12	0.002	100	1.00	23.95	24.00	1.012	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 5 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	0.000	0.869	100	1.00	24.57	25.00	1.104	0.959
		Left Tilt	20525	836.5	-0.050	0.359	100	1.00	24.57	25.00	1.104	0.396
		Right Cheek	20425	826.5	-0.030	0.433	100	1.00	24.57	25.00	1.104	0.478
		Right Tilt	20425	826.5	0.000	0.142	100	1.00	24.57	25.00	1.104	0.157
	50%RB	Left Cheek	20425	826.5	0.000	0.855	100	1.00	24.57	25.00	1.104	0.944
		Left Tilt	20425	826.5	-0.020	0.352	100	1.00	24.57	25.00	1.104	0.389
		Right Cheek	20425	826.5	0.010	0.419	100	1.00	24.57	25.00	1.104	0.463
		Right Tilt	20425	826.5	0.040	0.135	100	1.00	24.57	25.00	1.104	0.149
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 5 (BW: 10MHz)	1RB	Front	20525	836.5	0.060	0.297	100	1.00	24.57	25.00	1.104	0.328
		Back	20525	836.5	0.000	0.539	100	1.00	24.57	25.00	1.104	0.595
		Left	20525	836.5	-0.020	0.094	100	1.00	24.57	25.00	1.104	0.104
		Right	20525	836.5	-0.170	0.357	100	1.00	24.57	25.00	1.104	0.394
		Top	20525	836.5	0.130	0.192	100	1.00	24.57	25.00	1.104	0.212
		Bottom	20525	836.5	0.010	0.021	100	1.00	24.57	25.00	1.104	0.023
	50%RB	Front	20525	836.5	-0.080	0.311	100	1.00	24.57	25.00	1.104	0.343
		Back	20525	836.5	0.030	0.527	100	1.00	24.57	25.00	1.104	0.582
		Left	20525	836.5	-0.070	0.098	100	1.00	24.57	25.00	1.104	0.108
		Right	20525	836.5	0.020	0.351	100	1.00	24.57	25.00	1.104	0.388
		Top	20525	836.5	0.050	0.190	100	1.00	24.57	25.00	1.104	0.210
		Bottom	20525	836.5	-0.010	0.017	100	1.00	24.57	25.00	1.104	0.019