

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
26	15 MHz	1	0	26765	821.5	23.3	23.0
				26865	831.5	23.7	22.9
				26965	841.5	23.8	22.5
			37	26765	821.5	23.6	22.3
				26865	831.5	23.6	23.0
				26965	841.5	23.7	22.4
			74	26765	821.5	23.7	22.4
				26865	831.5	23.5	22.3
				26965	841.5	23.7	22.7
		36	0	26765	821.5	22.8	21.9
				26865	831.5	23.0	21.8
				26965	841.5	22.9	21.9
			19	26765	821.5	22.8	21.3
				26865	831.5	22.6	21.3
				26965	841.5	22.4	21.9
			39	26765	821.5	23.0	21.6
				26865	831.5	22.5	21.5
				26965	841.5	22.6	21.7
		75	0	26765	821.5	22.6	21.5
				26865	831.5	22.5	21.5
				26965	841.5	22.6	21.7

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
30	5 MHz	1	0	27685	2307.5	21.8	20.8
				27710	2310.0	21.7	21.3
				27735	2312.5	22.0	21.2
			12	27685	2307.5	22.1	21.3
				27710	2310.0	22.2	21.0
				27735	2312.5	21.9	21.1
			24	27685	2307.5	22.4	21.3
				27710	2310.0	22.3	21.3
				27735	2312.5	22.2	20.9
		12	0	27685	2307.5	21.3	20.0
				27710	2310.0	21.0	19.8
				27735	2312.5	21.3	20.3
			6	27685	2307.5	20.8	20.1
				27710	2310.0	21.2	20.1
				27735	2312.5	21.0	19.8
			13	27685	2307.5	21.0	20.1
				27710	2310.0	21.2	20.3
				27735	2312.5	21.2	19.9
		25	0	27685	2307.5	20.9	20.1
				27710	2310.0	20.9	20.2
				27735	2312.5	21.2	20.3
	10 MHz	1	0	27710	2310.0	22.1	20.7
			24	27710	2310.0	22.0	20.7
			49	27710	2310.0	22.1	21.0
		25	0	27710	2310.0	21.3	20.0
			13	27710	2310.0	21.4	19.8
			25	27710	2310.0	21.4	19.8
		50	0	27710	2310.0	20.8	19.9

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
38	5 MHz	1	0	37775	2572.5	23.8	22.5
				38000	2595.0	23.8	22.3
				38225	2617.5	23.5	22.6
			12	37775	2572.5	23.9	22.8
				38000	2595.0	23.5	22.4
				38225	2617.5	23.3	23.0
			24	37775	2572.5	23.9	22.6
				38000	2595.0	23.4	22.7
				38225	2617.5	23.8	22.4
		12	0	37775	2572.5	22.7	21.7
				38000	2595.0	22.5	21.7
				38225	2617.5	22.5	21.3
			6	37775	2572.5	22.5	21.5
				38000	2595.0	22.4	21.4
				38225	2617.5	23.0	21.6
			13	37775	2572.5	22.6	21.9
				38000	2595.0	22.3	21.6
				38225	2617.5	22.6	21.7
		25	0	37775	2572.5	22.6	21.7
				38000	2595.0	23.0	21.5
				38225	2617.5	22.3	21.3
	10 MHz	1	0	37800	2575.0	23.9	22.7
				38000	2595.0	23.3	22.4
				38200	2615.0	23.7	22.4
			24	37800	2575.0	23.9	22.7
				38000	2595.0	23.8	22.5
				38200	2615.0	23.4	22.7
			49	37800	2575.0	23.8	22.9
				38000	2595.0	23.9	22.6
				38200	2615.0	23.5	22.5
		25	0	37800	2575.0	22.9	21.8
				38000	2595.0	22.5	22.0
				38200	2615.0	23.0	22.0
			13	37800	2575.0	22.7	21.5
				38000	2595.0	22.4	21.3
				38200	2615.0	22.6	22.0
			25	37800	2575.0	22.6	21.8
				38000	2595.0	22.9	22.0
				38200	2615.0	22.4	21.5
		50	0	37800	2575.0	22.6	21.4
				38000	2595.0	22.9	21.7
				38200	2615.0	22.3	21.8

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
38	15 MHz	1	0	37825	2577.5	23.4	22.7
				38000	2595.0	23.7	22.7
				38175	2612.5	23.7	22.6
			37	37825	2577.5	23.7	22.8
				38000	2595.0	23.3	22.7
				38175	2612.5	23.5	22.7
			74	37825	2577.5	23.7	22.4
				38000	2595.0	24.0	23.0
				38175	2612.5	23.8	22.7
		36	0	37825	2577.5	22.7	22.0
				38000	2595.0	22.9	21.8
				38175	2612.5	22.4	21.5
			19	37825	2577.5	22.9	21.6
				38000	2595.0	22.8	21.7
				38175	2612.5	22.8	21.5
			39	37825	2577.5	22.9	21.3
				38000	2595.0	22.3	21.6
				38175	2612.5	22.9	21.6
		75	0	37825	2577.5	22.6	21.6
				38000	2595.0	22.8	21.6
				38175	2612.5	23.0	21.5
	20 MHz	1	0	37850	2580.0	23.8	22.6
				38000	2595.0	23.6	22.5
				38150	2610.0	23.3	23.0
			49	37850	2580.0	23.8	22.9
				38000	2595.0	24.0	22.9
				38150	2610.0	23.5	22.8
			99	37850	2580.0	23.5	22.8
				38000	2595.0	23.3	22.9
				38150	2610.0	23.5	22.9
		50	0	37850	2580.0	22.4	21.3
				38000	2595.0	22.7	21.9
				38150	2610.0	22.8	21.9
			24	37850	2580.0	22.8	21.3
				38000	2595.0	22.5	22.0
				38150	2610.0	22.9	21.4
			50	37850	2580.0	22.6	21.8
				38000	2595.0	22.8	21.8
				38150	2610.0	22.5	21.6
		100	0	37850	2580.0	22.6	21.4
				38000	2595.0	22.7	21.3
				38150	2610.0	22.8	21.6

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3	5 MHz	1	0	39675	2498.5	23.9	23.0
				40148	2545.8	24.4	23.1
				40620	2593.0	24.4	23.3
				41093	2640.3	24.1	23.0
				41565	2687.5	24.0	23.4
			12	39675	2498.5	24.4	22.8
				40148	2545.8	24.3	23.4
				40620	2593.0	24.0	22.9
				41093	2640.3	24.1	23.3
				41565	2687.5	23.8	23.2
			24	39675	2498.5	24.3	22.8
				40148	2545.8	24.5	23.0
				40620	2593.0	24.3	22.9
				41093	2640.3	24.5	23.0
				41565	2687.5	24.0	22.9
		12	0	39675	2498.5	23.0	22.2
				40148	2545.8	23.3	21.8
				40620	2593.0	23.4	21.8
				41093	2640.3	23.2	22.3
				41565	2687.5	23.3	22.2
			6	39675	2498.5	23.3	22.2
				40148	2545.8	23.2	22.1
				40620	2593.0	23.0	22.2
				41093	2640.3	23.4	22.0
				41565	2687.5	23.2	22.1
			13	39675	2498.5	22.8	22.0
				40148	2545.8	22.8	22.4
				40620	2593.0	22.9	22.3
				41093	2640.3	23.0	22.4
				41565	2687.5	22.8	22.3
		25	0	39675	2498.5	23.3	21.8
				40148	2545.8	23.1	22.3
				40620	2593.0	23.1	22.2
				41093	2640.3	23.4	22.1
				41565	2687.5	23.4	22.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3	10 MHz	1	0	39700	2501.0	24.1	23.3
				40160	2547.0	24.3	23.4
				40620	2593.0	24.1	23.1
				41080	2639.0	24.1	22.9
				41540	2685.0	24.3	23.1
			24	39700	2501.0	24.0	23.3
				40160	2547.0	23.9	23.2
				40620	2593.0	24.3	23.4
				41080	2639.0	24.2	23.5
				41540	2685.0	24.2	23.0
			49	39700	2501.0	24.5	23.2
				40160	2547.0	24.2	23.2
				40620	2593.0	24.3	23.2
				41080	2639.0	24.0	23.4
				41540	2685.0	23.8	23.3
		25	0	39700	2501.0	23.5	22.2
				40160	2547.0	23.4	21.9
				40620	2593.0	23.5	22.1
				41080	2639.0	23.0	22.4
				41540	2685.0	22.9	21.9
			13	39700	2501.0	23.4	22.1
				40160	2547.0	23.2	22.5
				40620	2593.0	23.1	22.3
				41080	2639.0	23.1	22.1
				41540	2685.0	22.9	22.3
			25	39700	2501.0	22.8	22.0
				40160	2547.0	23.1	22.4
				40620	2593.0	22.8	22.0
				41080	2639.0	23.4	22.4
				41540	2685.0	22.8	22.1
		50	0	39700	2501.0	23.2	22.5
				40160	2547.0	23.1	22.4
				40620	2593.0	22.8	22.1
				41080	2639.0	22.9	22.0
				41540	2685.0	23.1	22.2

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3	15 MHz	1	0	39725	2503.5	24.4	22.8
				40173	2548.3	23.9	23.4
				40620	2593.0	24.0	23.4
				41068	2637.8	24.3	23.4
				41515	2682.5	23.9	23.1
			37	39725	2503.5	24.0	23.1
				40173	2548.3	23.9	23.3
				40620	2593.0	24.3	22.8
				41068	2637.8	24.2	23.2
				41515	2682.5	24.0	22.9
			74	39725	2503.5	23.8	22.8
				40173	2548.3	24.3	22.8
				40620	2593.0	24.2	23.0
				41068	2637.8	24.3	23.3
				41515	2682.5	23.9	23.0
		36	0	39725	2503.5	23.4	22.1
				40173	2548.3	23.5	22.5
				40620	2593.0	23.2	22.1
				41068	2637.8	23.3	22.5
				41515	2682.5	23.3	22.3
			19	39725	2503.5	23.0	22.5
				40173	2548.3	23.0	22.0
				40620	2593.0	23.1	21.9
				41068	2637.8	23.2	21.8
				41515	2682.5	23.2	22.1
			39	39725	2503.5	23.3	22.3
				40173	2548.3	23.1	22.0
				40620	2593.0	23.2	22.4
				41068	2637.8	23.0	22.4
				41515	2682.5	23.3	22.4
		75	0	39725	2503.5	23.0	22.4
				40173	2548.3	22.9	21.8
				40620	2593.0	23.4	22.4
				41068	2637.8	23.2	21.8
				41515	2682.5	23.3	22.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3	20 MHz	1	0	39750	2506.0	23.9	23.2
				40185	2549.5	24.0	23.5
				40620	2593.0	24.0	22.9
				41055	2636.5	24.4	23.2
				41490	2680.0	23.8	23.1
			49	39750	2506.0	24.5	23.2
				40185	2549.5	23.9	23.2
				40620	2593.0	23.9	23.3
				41055	2636.5	24.4	23.3
				41490	2680.0	23.8	23.4
			99	39750	2506.0	24.3	23.4
				40185	2549.5	24.1	23.0
				40620	2593.0	23.8	23.5
				41055	2636.5	24.4	23.2
				41490	2680.0	24.1	23.0
		50	0	39750	2506.0	22.9	21.8
				40185	2549.5	23.0	22.2
				40620	2593.0	23.1	22.1
				41055	2636.5	23.2	21.9
				41490	2680.0	22.8	22.4
			24	39750	2506.0	23.4	22.1
				40185	2549.5	23.1	22.2
				40620	2593.0	23.0	22.2
				41055	2636.5	22.8	21.8
				41490	2680.0	22.8	22.1
			50	39750	2506.0	22.9	21.9
				40185	2549.5	23.1	22.3
				40620	2593.0	23.4	22.3
				41055	2636.5	23.4	22.3
				41490	2680.0	23.0	21.8
		100	0	39750	2506.0	23.2	22.2
				40185	2549.5	23.4	22.4
				40620	2593.0	23.0	22.0
				41055	2636.5	23.4	22.2
				41490	2680.0	23.3	22.2

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC2	5 MHz	1	0	39675	2498.5	26.8	25.5
				40148	2545.8	26.8	25.7
				40620	2593.0	26.6	25.7
				41093	2640.3	26.5	25.6
				41565	2687.5	26.7	26.0
			12	39675	2498.5	26.7	25.9
				40148	2545.8	26.9	25.9
				40620	2593.0	26.7	25.9
				41093	2640.3	26.7	25.5
				41565	2687.5	26.8	25.6
			24	39675	2498.5	26.3	25.6
				40148	2545.8	26.8	25.8
				40620	2593.0	26.6	25.5
				41093	2640.3	26.8	25.9
				41565	2687.5	27.0	25.6
		12	0	39675	2498.5	25.7	24.9
				40148	2545.8	26.0	24.7
				40620	2593.0	25.3	24.6
				41093	2640.3	25.6	24.6
				41565	2687.5	25.7	25.0
			6	39675	2498.5	25.6	24.6
				40148	2545.8	25.7	24.5
				40620	2593.0	25.6	24.4
				41093	2640.3	25.3	24.7
				41565	2687.5	25.4	25.0
			13	39675	2498.5	25.9	24.8
				40148	2545.8	25.9	24.8
				40620	2593.0	25.5	24.3
				41093	2640.3	25.3	24.6
				41565	2687.5	25.6	24.6
		25	0	39675	2498.5	25.7	24.4
				40148	2545.8	25.8	24.6
				40620	2593.0	25.3	25.0
				41093	2640.3	25.3	24.9
				41565	2687.5	26.0	24.8

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC2	10 MHz	1	0	39700	2501.0	26.9	25.3
				40160	2547.0	27.0	25.5
				40620	2593.0	27.0	25.5
				41080	2639.0	26.5	26.0
				41540	2685.0	26.3	25.5
			24	39700	2501.0	26.5	25.5
				40160	2547.0	26.4	25.6
				40620	2593.0	26.6	25.9
				41080	2639.0	27.0	25.6
				41540	2685.0	27.0	25.4
			49	39700	2501.0	26.5	25.7
				40160	2547.0	26.8	25.4
				40620	2593.0	26.7	25.6
				41080	2639.0	26.3	25.7
				41540	2685.0	26.6	25.4
		25	0	39700	2501.0	25.9	24.4
				40160	2547.0	25.8	24.6
				40620	2593.0	25.3	24.6
				41080	2639.0	25.3	24.9
				41540	2685.0	25.5	24.9
			13	39700	2501.0	25.5	24.9
				40160	2547.0	25.8	24.8
				40620	2593.0	25.4	24.7
				41080	2639.0	25.9	24.3
				41540	2685.0	25.4	24.7
			25	39700	2501.0	25.9	25.0
				40160	2547.0	25.9	24.9
				40620	2593.0	25.8	24.8
				41080	2639.0	25.3	24.7
				41540	2685.0	25.8	24.4
		50	0	39700	2501.0	25.5	24.5
				40160	2547.0	25.7	24.7
				40620	2593.0	25.3	24.4
				41080	2639.0	25.4	24.9
				41540	2685.0	25.9	24.4

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC2	15 MHz	1	0	39725	2503.5	26.4	25.9
				40173	2548.3	27.0	25.7
				40620	2593.0	26.7	25.5
				41068	2637.8	26.8	25.5
				41515	2682.5	26.6	25.7
			37	39725	2503.5	26.4	25.5
				40173	2548.3	26.4	25.6
				40620	2593.0	27.0	25.4
				41068	2637.8	26.9	25.6
				41515	2682.5	26.3	25.5
			74	39725	2503.5	26.9	25.5
				40173	2548.3	27.0	25.9
				40620	2593.0	26.9	25.3
				41068	2637.8	26.9	25.6
				41515	2682.5	26.8	26.0
		36	0	39725	2503.5	25.9	24.7
				40173	2548.3	25.7	24.6
				40620	2593.0	25.5	24.4
				41068	2637.8	25.8	24.6
				41515	2682.5	25.5	24.5
			19	39725	2503.5	25.9	24.3
				40173	2548.3	25.5	24.5
				40620	2593.0	25.6	25.0
				41068	2637.8	25.9	24.5
				41515	2682.5	25.8	24.9
			39	39725	2503.5	25.3	24.5
				40173	2548.3	25.5	24.9
				40620	2593.0	25.9	24.7
				41068	2637.8	25.6	24.7
				41515	2682.5	25.9	24.4
		75	0	39725	2503.5	25.7	24.7
				40173	2548.3	25.8	24.3
				40620	2593.0	25.8	25.0
				41068	2637.8	25.4	24.8
				41515	2682.5	25.6	24.9

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC2	20 MHz	1	0	39750	2506.0	26.5	25.6
				40185	2549.5	26.7	25.9
				40620	2593.0	26.5	25.7
				41055	2636.5	26.7	25.6
				41490	2680.0	26.9	25.4
			49	39750	2506.0	26.5	25.3
				40185	2549.5	26.4	25.8
				40620	2593.0	26.5	25.6
				41055	2636.5	27.0	25.4
				41490	2680.0	26.3	25.9
			99	39750	2506.0	26.9	25.3
				40185	2549.5	26.3	25.8
				40620	2593.0	26.6	25.7
				41055	2636.5	26.6	25.7
				41490	2680.0	26.6	25.9
		50	0	39750	2506.0	25.9	24.6
				40185	2549.5	25.6	24.7
				40620	2593.0	25.7	24.7
				41055	2636.5	25.6	24.5
				41490	2680.0	25.4	24.7
			24	39750	2506.0	25.5	24.9
				40185	2549.5	25.3	24.9
				40620	2593.0	25.7	24.6
				41055	2636.5	25.4	24.5
				41490	2680.0	25.6	24.6
			50	39750	2506.0	25.4	24.9
				40185	2549.5	25.5	24.7
				40620	2593.0	25.6	24.5
				41055	2636.5	25.8	24.8
				41490	2680.0	25.8	24.7
		100	0	39750	2506.0	25.5	24.9
				40185	2549.5	25.9	24.5
				40620	2593.0	25.7	24.4
				41055	2636.5	25.7	24.5
				41490	2680.0	25.8	24.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
48	5 MHz	1	0	55265	3552.5	21.0	20.0
				55627	3588.7	21.4	20.1
				55990	3625.0	21.2	20.4
				56352	3661.2	21.3	20.1
				56715	3697.5	21.0	20.2
			12	55265	3552.5	21.3	19.9
				55627	3588.7	21.3	19.9
				55990	3625.0	21.4	20.1
				56352	3661.2	21.4	20.4
				56715	3697.5	21.3	20.0
			24	55265	3552.5	21.2	20.1
				55627	3588.7	21.2	20.0
				55990	3625.0	21.2	19.8
				56352	3661.2	21.2	19.9
				56715	3697.5	21.5	19.8
		12	0	55265	3552.5	20.3	19.3
				55627	3588.7	20.0	18.9
				55990	3625.0	20.2	19.0
				56352	3661.2	20.0	19.2
				56715	3697.5	20.2	19.3
			6	55265	3552.5	20.0	19.2
				55627	3588.7	20.1	19.0
				55990	3625.0	20.0	19.1
				56352	3661.2	20.4	18.9
				56715	3697.5	20.1	19.5
			13	55265	3552.5	19.9	19.2
				55627	3588.7	20.3	19.2
				55990	3625.0	20.0	18.9
				56352	3661.2	20.3	19.4
				56715	3697.5	19.9	19.5
		25	0	55265	3552.5	20.0	18.9
				55627	3588.7	20.2	19.3
				55990	3625.0	19.8	19.2
				56352	3661.2	20.0	18.9
				56715	3697.5	20.2	19.1

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
48	10 MHz	1	0	55290	3555.0	21.2	20.1
				55640	3590.0	21.3	20.0
				55990	3625.0	21.3	20.5
				56340	3660.0	21.1	20.5
				56690	3695.0	21.2	20.4
			24	55290	3555.0	21.4	20.2
				55640	3590.0	21.0	20.4
				55990	3625.0	20.9	20.1
				56340	3660.0	21.2	20.0
				56690	3695.0	21.2	20.3
			49	55290	3555.0	20.9	20.2
				55640	3590.0	21.4	19.9
				55990	3625.0	21.2	20.0
				56340	3660.0	21.4	20.2
				56690	3695.0	21.4	19.9
		25	0	55290	3555.0	20.3	19.5
				55640	3590.0	19.9	19.0
				55990	3625.0	20.1	19.0
				56340	3660.0	19.9	19.5
				56690	3695.0	20.2	19.3
			13	55290	3555.0	20.5	18.9
				55640	3590.0	20.0	18.8
				55990	3625.0	20.2	19.5
				56340	3660.0	20.2	19.0
				56690	3695.0	20.1	18.8
			25	55290	3555.0	20.2	19.4
				55640	3590.0	20.4	19.4
				55990	3625.0	20.3	18.9
				56340	3660.0	20.1	19.2
				56690	3695.0	20.2	19.3
		50	0	55290	3555.0	20.3	19.0
				55640	3590.0	20.4	19.1
				55990	3625.0	20.5	19.3
				56340	3660.0	20.1	19.2
				56690	3695.0	20.5	18.9

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
48	15 MHz	1	0	55315	3557.5	21.4	20.2
				55652	3591.2	21.2	19.9
				55990	3625.0	21.3	19.9
				56327	3658.7	21.3	20.4
				56665	3692.5	21.0	20.1
			37	55315	3557.5	21.2	20.3
				55652	3591.2	21.3	20.0
				55990	3625.0	20.8	19.8
				56327	3658.7	21.5	20.0
				56665	3692.5	21.3	20.0
			74	55315	3557.5	21.1	20.1
				55652	3591.2	20.9	20.2
				55990	3625.0	21.4	20.1
				56327	3658.7	21.0	19.9
				56665	3692.5	21.4	20.2
		36	0	55315	3557.5	20.3	19.3
				55652	3591.2	19.8	18.9
				55990	3625.0	20.5	19.4
				56327	3658.7	20.1	19.2
				56665	3692.5	20.3	19.3
			19	55315	3557.5	20.5	19.5
				55652	3591.2	20.4	19.1
				55990	3625.0	20.3	19.1
				56327	3658.7	19.8	19.2
				56665	3692.5	20.2	19.2
			39	55315	3557.5	20.2	18.9
				55652	3591.2	20.1	19.2
				55990	3625.0	20.2	19.0
				56327	3658.7	19.9	19.4
				56665	3692.5	20.0	18.8
		75	0	55315	3557.5	19.9	19.2
				55652	3591.2	20.5	19.3
				55990	3625.0	20.0	18.9
				56327	3658.7	20.3	19.4
				56665	3692.5	19.9	19.4

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
48	20 MHz	1	0	55340	3560.0	21.3	20.4
				55665	3592.5	21.2	20.0
				55990	3625.0	20.9	20.0
				56315	3657.5	20.8	19.9
				56640	3690.0	21.2	20.0
			49	55340	3560.0	21.1	20.0
				55665	3592.5	21.0	20.2
				55990	3625.0	20.9	20.0
				56315	3657.5	21.0	20.4
				56640	3690.0	21.0	20.3
			99	55340	3560.0	21.4	20.1
				55665	3592.5	21.1	20.4
				55990	3625.0	21.4	20.5
				56315	3657.5	21.1	19.8
				56640	3690.0	21.5	20.1
		50	0	55340	3560.0	19.8	19.1
				55665	3592.5	20.1	19.2
				55990	3625.0	19.8	19.3
				56315	3657.5	20.4	19.3
				56640	3690.0	20.5	19.0
			24	55340	3560.0	20.0	19.2
				55665	3592.5	19.9	19.3
				55990	3625.0	20.5	19.2
				56315	3657.5	19.9	19.2
				56640	3690.0	20.2	19.1
			50	55340	3560.0	20.3	19.1
				55665	3592.5	20.1	19.2
				55990	3625.0	19.8	19.4
				56315	3657.5	20.2	19.2
				56640	3690.0	20.0	19.1
		100	0	55340	3560.0	19.9	18.9
				55665	3592.5	19.9	18.9
				55990	3625.0	20.2	18.8
				56315	3657.5	20.3	19.5
				56640	3690.0	20.0	19.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	1.4 MHz	1	0	131979	1710.7	24.1	23.3
				132322	1745.0	24.3	23.2
				132665	1779.3	24.0	22.9
			3	131979	1710.7	23.9	22.9
				132322	1745.0	24.1	23.0
				132665	1779.3	24.1	22.9
			5	131979	1710.7	24.4	23.4
				132322	1745.0	24.4	22.9
				132665	1779.3	24.5	23.4
		3	0	131979	1710.7	24.2	22.9
				132322	1745.0	23.8	23.3
				132665	1779.3	24.4	23.3
			1	131979	1710.7	24.3	23.1
				132322	1745.0	23.9	23.1
				132665	1779.3	24.5	23.0
			3	131979	1710.7	24.3	22.9
				132322	1745.0	24.0	23.1
				132665	1779.3	23.9	23.1
		6	0	131979	1710.7	23.0	22.0
				132322	1745.0	22.8	22.4
				132665	1779.3	23.2	22.2
	3 MHz	1	0	131987	1711.5	24.0	22.9
				132322	1745.0	23.9	23.4
				132657	1778.5	24.1	23.1
			7	131987	1711.5	23.9	23.5
				132322	1745.0	24.1	23.4
				132657	1778.5	23.9	23.5
			14	131987	1711.5	24.1	23.2
				132322	1745.0	23.8	23.0
				132657	1778.5	24.3	23.1
		8	0	131987	1711.5	23.0	22.2
				132322	1745.0	23.4	21.8
				132657	1778.5	22.8	21.9
			7	131987	1711.5	23.0	22.2
				132322	1745.0	22.9	22.0
				132657	1778.5	23.4	22.4
			14	131987	1711.5	22.8	22.0
				132322	1745.0	23.3	22.2
				132657	1778.5	23.1	22.3
		15	0	131987	1711.5	22.9	22.1
				132322	1745.0	22.9	22.4
				132657	1778.5	23.3	22.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	5 MHz	1	0	131997	1712.5	24.0	23.1
				132322	1745.0	23.9	23.3
				132646	1777.4	24.0	23.3
			12	131997	1712.5	24.3	23.3
				132322	1745.0	23.8	23.4
				132646	1777.4	24.5	23.1
			24	131997	1712.5	24.5	22.9
				132322	1745.0	23.9	23.3
				132646	1777.4	24.4	23.5
		12	0	131997	1712.5	23.3	21.9
				132322	1745.0	23.0	22.2
				132646	1777.4	22.9	22.0
			6	131997	1712.5	23.0	22.2
				132322	1745.0	23.2	22.3
				132646	1777.4	23.1	22.2
			13	131997	1712.5	22.9	22.0
				132322	1745.0	23.1	22.4
				132646	1777.4	23.5	22.0
		25	0	131997	1712.5	23.3	22.0
				132322	1745.0	22.8	22.1
				132646	1777.4	23.2	22.3
	10 MHz	1	0	132033	1716.1	24.1	22.9
				132322	1745.0	24.3	23.1
				132621	1774.9	24.3	23.4
			24	132033	1716.1	24.1	22.8
				132322	1745.0	24.5	22.9
				132621	1774.9	24.0	23.1
			49	132033	1716.1	24.1	23.0
				132322	1745.0	24.4	23.0
				132621	1774.9	24.0	23.1
		25	0	132033	1716.1	23.4	21.9
				132322	1745.0	23.3	22.2
				132621	1774.9	23.4	22.2
			13	132033	1716.1	22.9	21.9
				132322	1745.0	23.3	21.9
				132621	1774.9	23.3	22.3
			25	132033	1716.1	23.0	22.2
				132322	1745.0	23.5	22.1
				132621	1774.9	23.3	22.4
		50	0	132033	1716.1	23.5	22.0
				132322	1745.0	23.4	22.4
				132621	1774.9	23.1	21.8

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	15 MHz	1	0	132047	1717.5	23.9	22.9
				132322	1745.0	24.3	23.4
				132596	1772.4	24.4	23.1
			37	132047	1717.5	24.0	22.9
				132322	1745.0	24.0	23.1
				132596	1772.4	23.9	23.0
			74	132047	1717.5	23.9	23.1
				132322	1745.0	23.9	23.4
				132596	1772.4	24.4	22.9
		36	0	132047	1717.5	23.2	22.0
				132322	1745.0	23.0	22.2
				132596	1772.4	23.2	21.8
			19	132047	1717.5	22.9	22.2
				132322	1745.0	23.0	21.9
				132596	1772.4	23.0	22.1
			39	132047	1717.5	22.9	22.2
				132322	1745.0	23.1	22.5
				132596	1772.4	23.0	22.3
		75	0	132047	1717.5	23.4	22.2
				132322	1745.0	22.9	22.2
				132596	1772.4	23.0	22.3
	20 MHz	1	0	132072	1720.0	24.1	23.0
				132322	1745.0	23.9	23.1
				132571	1769.9	23.8	22.9
			49	132072	1720.0	24.3	23.4
				132322	1745.0	24.1	23.1
				132571	1769.9	24.2	23.3
			99	132072	1720.0	24.2	22.8
				132322	1745.0	24.3	23.4
				132571	1769.9	23.8	23.4
		50	0	132072	1720.0	22.9	21.9
				132322	1745.0	23.2	21.9
				132571	1769.9	22.9	22.4
			24	132072	1720.0	23.4	22.1
				132322	1745.0	23.3	22.3
				132571	1769.9	23.0	22.3
			50	132072	1720.0	23.1	22.1
				132322	1745.0	23.4	22.2
				132571	1769.9	23.1	21.8
		100	0	132072	1720.0	23.4	22.1
				132322	1745.0	23.2	22.4
				132571	1769.9	23.2	22.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
71	5 MHz	1	0	133147	665.5	23.6	22.5
				133297	680.5	23.9	22.5
				133447	695.5	23.9	22.3
			12	133147	665.5	23.3	22.4
				133297	680.5	23.8	22.9
				133447	695.5	23.3	22.3
			24	133147	665.5	24.0	22.6
				133297	680.5	23.8	22.5
				133447	695.5	23.6	23.0
		12	0	133147	665.5	22.7	21.4
				133297	680.5	22.6	21.5
				133447	695.5	22.4	21.3
			6	133147	665.5	23.0	21.4
				133297	680.5	22.7	21.4
				133447	695.5	22.4	21.7
			13	133147	665.5	22.8	21.7
				133297	680.5	22.7	21.3
				133447	695.5	22.6	21.5
		25	0	133147	665.5	22.5	21.6
				133297	680.5	22.5	21.7
				133447	695.5	22.5	21.9
	10 MHz	1	0	133172	668.0	23.6	22.6
				133297	680.5	23.5	22.4
				133422	693.0	23.7	22.3
			24	133172	668.0	23.8	22.7
				133297	680.5	23.4	22.9
				133422	693.0	23.9	22.6
			49	133172	668.0	23.4	22.4
				133297	680.5	23.4	22.7
				133422	693.0	23.3	22.8
		25	0	133172	668.0	22.9	21.7
				133297	680.5	22.8	21.6
				133422	693.0	22.7	21.7
			13	133172	668.0	22.9	21.8
				133297	680.5	23.0	21.9
				133422	693.0	22.9	21.4
			25	133172	668.0	22.6	21.5
				133297	680.5	22.9	21.3
				133422	693.0	22.4	21.6
		50	0	133172	668.0	22.3	21.7
				133297	680.5	22.7	21.8
				133422	693.0	22.4	21.6

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
71	15 MHz	1	0	133197	670.5	23.8	22.7
				133297	680.5	24.0	22.8
				133397	690.5	23.9	22.5
			37	133197	670.5	23.5	22.8
				133297	680.5	23.8	22.6
				133397	690.5	24.0	22.8
			74	133197	670.5	23.5	22.9
				133297	680.5	24.0	22.3
				133397	690.5	23.8	22.3
		36	0	133197	670.5	22.4	21.9
				133297	680.5	22.7	21.5
				133397	690.5	22.7	21.9
			19	133197	670.5	22.4	21.8
				133297	680.5	22.8	21.8
				133397	690.5	22.3	21.8
			39	133197	670.5	22.7	21.7
				133297	680.5	22.7	21.8
				133397	690.5	22.9	21.3
		75	0	133197	670.5	22.4	21.6
				133297	680.5	22.6	21.6
				133397	690.5	22.4	21.6
	20 MHz	1	0	133222	673.0	24.0	22.9
				133297	680.5	23.6	22.3
				133372	688.0	23.5	22.6
			49	133222	673.0	23.5	23.0
				133297	680.5	23.6	22.3
				133372	688.0	23.4	22.9
			99	133222	673.0	23.3	22.5
				133297	680.5	23.3	22.5
				133372	688.0	23.7	22.3
		50	0	133222	673.0	22.4	21.9
				133297	680.5	22.5	21.9
				133372	688.0	22.5	21.8
			24	133222	673.0	22.4	21.4
				133297	680.5	22.4	21.8
				133372	688.0	22.9	21.8
			50	133222	673.0	22.5	21.9
				133297	680.5	22.6	21.3
				133372	688.0	22.3	21.5
		100	0	133222	673.0	22.3	21.6
				133297	680.5	22.4	21.4
				133372	688.0	22.8	21.3

Table 9.2 LTE Backoff Power Measurements

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
2	1.4 MHz	1	0	18607	1850.7	17.3	15.8
				18900	1880.0	16.9	16.1
				19193	1909.3	17.3	16.1
			3	18607	1850.7	17.3	16.4
				18900	1880.0	16.9	16.2
				19193	1909.3	17.2	16.2
			5	18607	1850.7	17.4	15.8
				18900	1880.0	16.9	15.9
				19193	1909.3	17.0	16.0
		3	0	18607	1850.7	17.2	16.2
				18900	1880.0	17.0	16.2
				19193	1909.3	16.8	16.3
			1	18607	1850.7	17.0	16.4
				18900	1880.0	17.1	16.2
				19193	1909.3	16.9	16.3
			3	18607	1850.7	17.4	16.1
				18900	1880.0	17.1	16.1
				19193	1909.3	17.4	16.4
		6	0	18607	1850.7	16.2	15.3
				18900	1880.0	15.9	15.4
				19193	1909.3	16.1	15.1
	3 MHz	1	0	18615	1851.5	17.0	15.9
				18900	1880.0	17.5	16.3
				19185	1908.5	17.1	16.5
			7	18615	1851.5	17.3	15.8
				18900	1880.0	16.8	16.3
				19185	1908.5	16.9	16.4
			14	18615	1851.5	16.8	16.5
				18900	1880.0	17.4	16.3
				19185	1908.5	17.1	16.4
		8	0	18615	1851.5	16.4	15.2
				18900	1880.0	15.9	14.9
				19185	1908.5	16.4	15.0
			7	18615	1851.5	16.1	14.8
				18900	1880.0	16.4	15.4
				19185	1908.5	16.2	15.5
			14	18615	1851.5	15.9	15.2
				18900	1880.0	15.9	15.3
				19185	1908.5	16.0	15.3
		15	0	18615	1851.5	16.0	15.4
				18900	1880.0	15.9	14.9
				19185	1908.5	16.3	15.1

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
2	5 MHz	1	0	18625	1852.5	17.0	16.2
				18900	1880.0	17.2	16.5
				19175	1907.5	17.4	16.1
			12	18625	1852.5	17.1	16.1
				18900	1880.0	16.9	16.3
				19175	1907.5	17.4	16.0
			24	18625	1852.5	16.8	16.3
				18900	1880.0	16.9	16.3
				19175	1907.5	17.2	16.4
		12	0	18625	1852.5	16.0	15.4
				18900	1880.0	16.2	15.1
				19175	1907.5	16.1	15.1
			6	18625	1852.5	16.0	15.0
				18900	1880.0	16.5	15.3
				19175	1907.5	16.5	15.3
			13	18625	1852.5	16.2	14.9
				18900	1880.0	16.1	15.4
				19175	1907.5	16.0	15.0
		25	0	18625	1852.5	16.3	15.2
				18900	1880.0	16.3	15.1
				19175	1907.5	16.3	15.4
	10 MHz	1	0	18650	1855.0	16.9	16.0
				18900	1880.0	17.0	16.4
				19150	1905.0	17.0	16.4
			24	18650	1855.0	17.2	15.9
				18900	1880.0	17.3	16.0
				19150	1905.0	17.1	15.9
			49	18650	1855.0	17.2	16.4
				18900	1880.0	16.8	15.8
				19150	1905.0	17.2	16.5
		25	0	18650	1855.0	16.0	15.5
				18900	1880.0	15.9	15.1
				19150	1905.0	16.1	14.9
			13	18650	1855.0	15.8	15.1
				18900	1880.0	16.4	15.3
				19150	1905.0	16.3	15.0
			25	18650	1855.0	16.2	15.2
				18900	1880.0	16.0	15.2
				19150	1905.0	15.9	15.2
		50	0	18650	1855.0	16.1	15.0
				18900	1880.0	16.0	15.3
				19150	1905.0	16.2	15.2

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
2	15 MHz	1	0	18675	1857.5	17.5	15.9
				18900	1880.0	17.4	16.5
				19125	1902.5	17.2	16.3
			37	18675	1857.5	17.5	16.4
				18900	1880.0	16.8	16.4
				19125	1902.5	17.3	16.1
			74	18675	1857.5	17.4	15.9
				18900	1880.0	17.4	15.9
				19125	1902.5	17.4	16.1
		36	0	18675	1857.5	16.4	15.5
				18900	1880.0	16.4	14.9
				19125	1902.5	16.4	15.0
			19	18675	1857.5	15.9	14.8
				18900	1880.0	16.4	15.3
				19125	1902.5	16.1	15.2
			39	18675	1857.5	16.2	14.9
				18900	1880.0	15.9	14.9
				19125	1902.5	15.9	15.3
		75	0	18675	1857.5	15.9	15.0
				18900	1880.0	16.1	14.9
				19125	1902.5	16.2	15.3
	20 MHz	1	0	18700	1860.0	17.1	16.4
				18900	1880.0	17.2	15.9
				19100	1900.0	17.4	16.1
			49	18700	1860.0	17.3	15.9
				18900	1880.0	17.0	16.3
				19100	1900.0	17.3	15.9
			99	18700	1860.0	17.2	16.0
				18900	1880.0	17.3	16.0
				19100	1900.0	17.2	16.0
		50	0	18700	1860.0	15.9	15.0
				18900	1880.0	15.8	14.9
				19100	1900.0	16.4	15.1
			24	18700	1860.0	16.1	15.2
				18900	1880.0	16.0	15.1
				19100	1900.0	16.0	15.1
			50	18700	1860.0	16.3	15.3
				18900	1880.0	16.2	15.0
				19100	1900.0	16.2	15.0
		100	0	18700	1860.0	16.5	15.2
				18900	1880.0	16.2	15.5
				19100	1900.0	16.5	15.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
4	1.4 MHz	1	0	19957	1710.7	19.5	18.1
				20175	1732.5	19.1	17.8
				20393	1754.3	19.3	18.1
			3	19957	1710.7	19.0	18.3
				20175	1732.5	19.4	18.1
				20393	1754.3	19.3	18.1
			5	19957	1710.7	19.2	18.1
				20175	1732.5	18.9	18.2
				20393	1754.3	19.0	18.5
		3	0	19957	1710.7	19.1	18.2
				20175	1732.5	19.3	18.4
				20393	1754.3	19.2	18.3
			1	19957	1710.7	18.9	18.1
				20175	1732.5	19.5	18.2
				20393	1754.3	19.3	18.0
			3	19957	1710.7	19.1	18.0
				20175	1732.5	19.2	18.4
				20393	1754.3	19.4	17.9
		6	0	19957	1710.7	18.2	16.9
				20175	1732.5	18.0	16.9
				20393	1754.3	18.3	16.9
	3 MHz	1	0	19965	1711.5	19.1	18.1
				20175	1732.5	18.9	17.8
				20385	1753.5	19.4	18.2
			7	19965	1711.5	19.0	17.9
				20175	1732.5	18.9	17.9
				20385	1753.5	19.3	17.8
			14	19965	1711.5	19.2	18.4
				20175	1732.5	19.5	18.4
				20385	1753.5	19.1	18.0
		8	0	19965	1711.5	18.1	16.8
				20175	1732.5	17.9	17.1
				20385	1753.5	17.9	17.5
			7	19965	1711.5	18.0	17.2
				20175	1732.5	18.0	17.0
				20385	1753.5	17.9	17.4
			14	19965	1711.5	18.0	17.3
				20175	1732.5	18.5	17.5
				20385	1753.5	18.4	17.0
		15	0	19965	1711.5	17.8	16.9
				20175	1732.5	18.0	17.3
				20385	1753.5	18.3	16.9

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
4	5 MHz	1	0	19975	1712.5	19.3	18.3
				20175	1732.5	19.5	18.1
				20375	1752.5	18.8	18.0
			12	19975	1712.5	19.4	18.2
				20175	1732.5	19.2	18.3
				20375	1752.5	19.0	18.3
			24	19975	1712.5	18.9	18.2
				20175	1732.5	18.8	18.1
				20375	1752.5	19.1	18.0
		12	0	19975	1712.5	17.9	17.1
				20175	1732.5	17.9	17.4
				20375	1752.5	17.8	17.3
			6	19975	1712.5	18.0	17.0
				20175	1732.5	18.3	17.2
				20375	1752.5	18.4	16.9
			13	19975	1712.5	18.3	17.2
				20175	1732.5	18.1	16.9
				20375	1752.5	18.0	17.4
		25	0	19975	1712.5	18.3	17.2
				20175	1732.5	17.9	17.3
				20375	1752.5	18.3	17.5
	10 MHz	1	0	20000	1715.0	19.0	18.5
				20175	1732.5	18.9	18.3
				20350	1750.0	19.4	18.3
			24	20000	1715.0	19.2	18.2
				20175	1732.5	19.2	18.3
				20350	1750.0	18.9	18.1
			49	20000	1715.0	19.5	18.0
				20175	1732.5	18.9	18.1
				20350	1750.0	19.2	18.5
		25	0	20000	1715.0	18.2	17.0
				20175	1732.5	17.8	17.4
				20350	1750.0	18.4	17.0
			13	20000	1715.0	17.9	17.4
				20175	1732.5	17.8	17.4
				20350	1750.0	18.4	17.0
			25	20000	1715.0	17.9	16.9
				20175	1732.5	18.4	17.5
				20350	1750.0	18.1	17.4
		50	0	20000	1715.0	18.4	16.8
				20175	1732.5	17.9	17.2
				20350	1750.0	17.9	17.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
4	15 MHz	1	0	20025	1717.5	18.9	18.1
				20175	1732.5	19.0	18.0
				20325	1747.5	19.0	17.9
			37	20025	1717.5	18.9	18.3
				20175	1732.5	18.9	17.9
				20325	1747.5	19.4	18.3
			74	20025	1717.5	19.2	18.4
				20175	1732.5	19.2	17.9
				20325	1747.5	18.9	18.4
		36	0	20025	1717.5	18.4	16.8
				20175	1732.5	18.0	17.1
				20325	1747.5	18.3	17.3
			19	20025	1717.5	18.2	17.4
				20175	1732.5	18.4	17.0
				20325	1747.5	18.2	17.1
			39	20025	1717.5	18.5	17.2
				20175	1732.5	18.2	17.1
				20325	1747.5	17.9	17.5
		75	0	20025	1717.5	18.0	17.1
				20175	1732.5	17.8	16.8
				20325	1747.5	18.4	17.5
	20 MHz	1	0	20050	1720.0	18.8	18.4
				20175	1732.5	18.9	18.2
				20300	1745.0	19.1	17.8
			49	20050	1720.0	19.0	18.1
				20175	1732.5	19.0	18.1
				20300	1745.0	19.0	18.2
			99	20050	1720.0	19.5	17.9
				20175	1732.5	19.5	17.8
				20300	1745.0	19.2	18.4
		50	0	20050	1720.0	18.1	17.3
				20175	1732.5	18.4	16.8
				20300	1745.0	18.0	17.0
			24	20050	1720.0	18.3	16.8
				20175	1732.5	18.4	17.1
				20300	1745.0	18.2	17.4
			50	20050	1720.0	18.4	17.3
				20175	1732.5	17.8	17.3
				20300	1745.0	18.4	17.1
		100	0	20050	1720.0	18.3	17.2
				20175	1732.5	18.1	16.9
				20300	1745.0	17.8	17.5

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
7	5 MHz	1	0	20775	2502.5	19.5	18.3
				21100	2535.0	19.2	18.1
				21425	2567.5	19.2	18.2
			12	20775	2502.5	19.2	18.2
				21100	2535.0	18.9	18.2
				21425	2567.5	19.1	18.0
			24	20775	2502.5	19.3	18.5
				21100	2535.0	19.3	18.3
				21425	2567.5	19.4	18.4
		12	0	20775	2502.5	18.3	17.1
				21100	2535.0	18.1	17.4
				21425	2567.5	17.9	17.3
			6	20775	2502.5	18.0	17.3
				21100	2535.0	17.9	17.0
				21425	2567.5	18.5	17.5
			13	20775	2502.5	18.2	17.1
				21100	2535.0	18.1	17.2
				21425	2567.5	17.9	16.8
		25	0	20775	2502.5	18.0	17.4
				21100	2535.0	18.3	16.9
				21425	2567.5	18.1	17.2
	10 MHz	1	0	20800	2505.0	19.4	18.2
				21100	2535.0	19.0	18.3
				21400	2565.0	19.4	18.0
			24	20800	2505.0	19.5	18.3
				21100	2535.0	19.3	18.3
				21400	2565.0	18.9	18.3
			49	20800	2505.0	19.4	18.4
				21100	2535.0	18.9	18.0
				21400	2565.0	19.0	17.9
		25	0	20800	2505.0	17.9	17.2
				21100	2535.0	17.9	17.4
				21400	2565.0	18.1	16.8
			13	20800	2505.0	18.2	17.1
				21100	2535.0	18.1	17.3
				21400	2565.0	17.9	17.0
			25	20800	2505.0	18.4	17.0
				21100	2535.0	17.9	17.1
				21400	2565.0	18.5	17.1
		50	0	20800	2505.0	17.9	17.5
				21100	2535.0	18.2	17.1
				21400	2565.0	18.0	17.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
7	15 MHz	1	0	20825	2507.5	18.9	17.9
				21100	2535.0	18.8	18.4
				21375	2562.5	19.3	17.8
			37	20825	2507.5	19.3	17.9
				21100	2535.0	19.5	18.0
				21375	2562.5	19.1	18.1
			74	20825	2507.5	19.2	18.3
				21100	2535.0	19.0	17.9
				21375	2562.5	19.3	18.3
		36	0	20825	2507.5	18.4	17.2
				21100	2535.0	18.2	16.9
				21375	2562.5	17.8	17.0
			19	20825	2507.5	18.0	17.4
				21100	2535.0	17.9	17.5
				21375	2562.5	18.2	17.0
			39	20825	2507.5	18.0	17.2
				21100	2535.0	18.3	17.5
				21375	2562.5	17.8	17.1
		75	0	20825	2507.5	17.8	16.8
				21100	2535.0	18.4	17.1
				21375	2562.5	18.1	16.9
	20 MHz	1	0	20850	2510.0	19.1	18.4
				21100	2535.0	19.3	18.5
				21350	2560.0	18.9	17.9
			49	20850	2510.0	18.9	18.5
				21100	2535.0	19.3	17.8
				21350	2560.0	19.5	18.0
			99	20850	2510.0	19.3	18.4
				21100	2535.0	18.8	18.1
				21350	2560.0	19.0	17.9
		50	0	20850	2510.0	17.9	17.0
				21100	2535.0	18.4	17.5
				21350	2560.0	18.4	17.1
			24	20850	2510.0	18.3	16.9
				21100	2535.0	17.9	17.1
				21350	2560.0	18.5	17.4
			50	20850	2510.0	18.2	17.4
				21100	2535.0	17.8	16.9
				21350	2560.0	18.0	17.2
		100	0	20850	2510.0	17.9	16.9
				21100	2535.0	18.2	16.9
				21350	2560.0	18.0	17.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
25	1.4 MHz	1	0	26047	1850.7	17.3	16.3
				26365	1882.5	17.5	16.0
				26683	1914.3	17.2	16.3
			3	26047	1850.7	17.4	16.1
				26365	1882.5	17.3	16.5
				26683	1914.3	17.1	15.9
			5	26047	1850.7	16.8	16.5
				26365	1882.5	17.5	16.5
				26683	1914.3	17.2	16.3
		3	0	26047	1850.7	17.1	15.9
				26365	1882.5	17.1	16.3
				26683	1914.3	17.0	16.3
			1	26047	1850.7	17.2	16.2
				26365	1882.5	17.4	15.9
				26683	1914.3	17.5	15.8
			3	26047	1850.7	17.4	16.4
				26365	1882.5	16.9	15.8
				26683	1914.3	17.4	16.3
		6	0	26047	1850.7	15.8	15.4
				26365	1882.5	16.1	15.1
				26683	1914.3	16.0	14.8
	3 MHz	1	0	26055	1851.5	17.1	15.8
				26365	1882.5	17.4	16.2
				26675	1913.5	17.0	16.0
			7	26055	1851.5	16.8	15.9
				26365	1882.5	17.2	16.1
				26675	1913.5	16.9	16.2
			14	26055	1851.5	16.9	16.0
				26365	1882.5	17.3	15.8
				26675	1913.5	17.0	16.0
		8	0	26055	1851.5	16.2	15.2
				26365	1882.5	16.2	15.0
				26675	1913.5	16.1	15.1
			7	26055	1851.5	16.4	15.5
				26365	1882.5	15.8	14.9
				26675	1913.5	16.0	15.1
			14	26055	1851.5	15.9	15.3
				26365	1882.5	16.0	15.1
				26675	1913.5	15.9	15.3
		15	0	26055	1851.5	16.2	15.4
				26365	1882.5	16.4	15.4
				26675	1913.5	15.9	14.9

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
25	5 MHz	1	0	26065	1852.5	16.9	16.3
				26365	1882.5	17.2	16.0
				26665	1912.5	17.1	16.2
			12	26065	1852.5	17.0	15.9
				26365	1882.5	17.2	16.5
				26665	1912.5	16.9	16.4
			24	26065	1852.5	17.4	16.3
				26365	1882.5	17.1	16.4
				26665	1912.5	16.9	16.2
		12	0	26065	1852.5	16.1	15.5
				26365	1882.5	16.0	15.2
				26665	1912.5	16.4	15.2
			6	26065	1852.5	15.9	15.2
				26365	1882.5	16.1	14.9
				26665	1912.5	16.2	15.2
			13	26065	1852.5	16.2	15.4
				26365	1882.5	15.9	15.0
				26665	1912.5	16.2	15.3
		25	0	26065	1852.5	16.1	15.3
				26365	1882.5	15.9	15.4
				26665	1912.5	16.4	14.8
	10 MHz	1	0	26090	1855.0	17.4	16.4
				26365	1882.5	17.3	16.4
				26640	1910.0	17.0	15.9
			24	26090	1855.0	16.8	16.5
				26365	1882.5	17.2	16.0
				26640	1910.0	17.3	16.0
			49	26090	1855.0	17.5	16.0
				26365	1882.5	17.1	15.9
				26640	1910.0	17.5	16.3
		25	0	26090	1855.0	16.4	15.3
				26365	1882.5	16.5	15.4
				26640	1910.0	15.9	14.9
			13	26090	1855.0	16.3	15.4
				26365	1882.5	16.0	15.3
				26640	1910.0	15.9	15.1
			25	26090	1855.0	16.2	15.3
				26365	1882.5	16.2	15.3
				26640	1910.0	16.5	15.0
		50	0	26090	1855.0	16.0	15.2
				26365	1882.5	16.3	15.0
				26640	1910.0	15.8	15.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
25	15 MHz	1	0	26115	1857.5	17.3	16.3
				26365	1882.5	16.8	16.4
				26615	1907.5	17.2	16.0
			37	26115	1857.5	17.1	16.0
				26365	1882.5	17.0	16.3
				26615	1907.5	16.8	16.3
			74	26115	1857.5	16.9	15.9
				26365	1882.5	17.1	15.9
				26615	1907.5	17.0	16.4
		36	0	26115	1857.5	16.1	15.5
				26365	1882.5	16.1	15.0
				26615	1907.5	15.9	15.0
			19	26115	1857.5	16.4	14.9
				26365	1882.5	16.3	15.0
				26615	1907.5	16.0	15.5
			39	26115	1857.5	15.9	15.4
				26365	1882.5	15.9	15.5
				26615	1907.5	15.9	15.3
		75	0	26115	1857.5	16.3	14.8
				26365	1882.5	16.3	15.4
				26615	1907.5	16.3	15.1
	20 MHz	1	0	26140	1860.0	17.0	16.1
				26365	1882.5	17.3	16.3
				26590	1905.0	17.5	16.5
			49	26140	1860.0	17.0	16.3
				26365	1882.5	17.3	16.4
				26590	1905.0	17.2	16.4
			99	26140	1860.0	17.5	16.3
				26365	1882.5	17.2	16.4
				26590	1905.0	17.0	15.9
		50	0	26140	1860.0	16.5	15.0
				26365	1882.5	16.4	14.9
				26590	1905.0	16.5	15.0
			24	26140	1860.0	16.2	14.9
				26365	1882.5	15.9	15.3
				26590	1905.0	16.4	15.4
			50	26140	1860.0	16.3	14.8
				26365	1882.5	16.1	14.9
				26590	1905.0	15.9	14.9
		100	0	26140	1860.0	15.9	15.2
				26365	1882.5	15.9	15.4
				26590	1905.0	16.5	15.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
38	5 MHz	1	0	37775	2572.5	20.3	19.2
				38000	2595.0	20.1	19.3
				38225	2617.5	20.3	19.4
			12	37775	2572.5	19.9	19.0
				38000	2595.0	20.0	19.1
				38225	2617.5	20.4	18.8
			24	37775	2572.5	20.3	19.1
				38000	2595.0	20.2	19.1
				38225	2617.5	20.2	19.3
		12	0	37775	2572.5	19.4	18.4
				38000	2595.0	19.2	17.9
				38225	2617.5	19.2	18.5
			6	37775	2572.5	19.5	18.0
				38000	2595.0	19.3	17.9
				38225	2617.5	18.8	17.8
			13	37775	2572.5	19.3	18.2
				38000	2595.0	19.3	18.4
				38225	2617.5	19.1	18.0
		25	0	37775	2572.5	19.2	17.9
				38000	2595.0	19.1	17.8
				38225	2617.5	19.2	18.3
	10 MHz	1	0	37800	2575.0	20.4	19.4
				38000	2595.0	20.3	18.9
				38200	2615.0	20.0	19.3
			24	37800	2575.0	20.4	19.2
				38000	2595.0	20.5	18.9
				38200	2615.0	20.0	19.4
			49	37800	2575.0	20.3	19.3
				38000	2595.0	20.1	19.1
				38200	2615.0	20.0	19.2
		25	0	37800	2575.0	19.4	18.0
				38000	2595.0	19.0	18.4
				38200	2615.0	18.8	18.1
			13	37800	2575.0	18.8	17.9
				38000	2595.0	19.1	18.4
				38200	2615.0	19.0	18.5
			25	37800	2575.0	19.1	18.3
				38000	2595.0	19.0	18.5
				38200	2615.0	18.9	18.1
		50	0	37800	2575.0	18.9	18.5
				38000	2595.0	19.3	18.1
				38200	2615.0	19.2	18.5

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
38	15 MHz	1	0	37825	2577.5	20.3	19.3
				38000	2595.0	20.0	19.0
				38175	2612.5	20.2	19.2
			37	37825	2577.5	20.2	19.5
				38000	2595.0	20.2	19.0
				38175	2612.5	19.9	19.3
			74	37825	2577.5	19.9	18.9
				38000	2595.0	20.4	19.4
				38175	2612.5	20.3	19.1
		36	0	37825	2577.5	19.2	18.2
				38000	2595.0	18.9	18.5
				38175	2612.5	19.2	18.4
			19	37825	2577.5	18.8	18.4
				38000	2595.0	19.1	18.0
				38175	2612.5	19.5	18.4
			39	37825	2577.5	19.0	18.4
				38000	2595.0	19.4	18.0
				38175	2612.5	19.0	18.2
		75	0	37825	2577.5	18.9	18.0
				38000	2595.0	19.1	17.9
				38175	2612.5	19.2	17.9
	20 MHz	1	0	37850	2580.0	20.3	19.3
				38000	2595.0	20.5	18.8
				38150	2610.0	20.0	19.1
			49	37850	2580.0	19.9	19.2
				38000	2595.0	19.9	19.2
				38150	2610.0	20.0	18.9
			99	37850	2580.0	20.0	19.0
				38000	2595.0	20.5	19.3
				38150	2610.0	20.2	19.4
		50	0	37850	2580.0	19.3	18.2
				38000	2595.0	19.4	18.0
				38150	2610.0	19.2	18.3
			24	37850	2580.0	19.2	18.2
				38000	2595.0	19.0	17.8
				38150	2610.0	19.0	18.4
			50	37850	2580.0	19.0	18.1
				38000	2595.0	18.8	18.3
				38150	2610.0	19.4	18.3
		100	0	37850	2580.0	19.3	17.9
				38000	2595.0	19.4	18.0
				38150	2610.0	18.9	18.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3 & PC2	5 MHz	1	0	39675	2498.5	20.3	19.3
				40148	2545.8	20.3	19.4
				40620	2593.0	19.8	19.4
				41093	2640.3	20.0	19.4
				41565	2687.5	20.4	18.8
			12	39675	2498.5	20.3	19.4
				40148	2545.8	20.0	19.2
				40620	2593.0	20.3	18.8
				41093	2640.3	20.0	19.2
				41565	2687.5	20.3	19.2
			24	39675	2498.5	20.3	19.5
				40148	2545.8	19.8	19.2
				40620	2593.0	20.4	19.4
				41093	2640.3	20.3	19.5
				41565	2687.5	20.2	19.3
		12	0	39675	2498.5	18.9	18.3
				40148	2545.8	19.3	17.9
				40620	2593.0	19.5	17.9
				41093	2640.3	19.4	17.8
				41565	2687.5	18.9	18.5
			6	39675	2498.5	19.4	18.1
				40148	2545.8	18.8	18.0
				40620	2593.0	19.1	18.1
				41093	2640.3	19.0	18.1
				41565	2687.5	18.8	18.0
			13	39675	2498.5	19.2	18.3
				40148	2545.8	19.0	17.9
				40620	2593.0	19.0	18.1
				41093	2640.3	19.1	18.3
				41565	2687.5	19.3	17.9
		25	0	39675	2498.5	19.4	18.3
				40148	2545.8	19.2	18.3
				40620	2593.0	19.1	17.8
				41093	2640.3	19.3	17.9
				41565	2687.5	19.3	18.4

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3 & PC2	10 MHz	1	0	39700	2501.0	19.9	19.0
				40160	2547.0	19.9	19.0
				40620	2593.0	20.1	19.5
				41080	2639.0	20.0	19.2
				41540	2685.0	20.3	19.2
			24	39700	2501.0	20.4	19.5
				40160	2547.0	19.8	19.4
				40620	2593.0	20.4	19.4
				41080	2639.0	20.4	19.1
				41540	2685.0	20.2	19.0
			49	39700	2501.0	20.3	19.0
				40160	2547.0	20.0	18.9
				40620	2593.0	20.0	19.4
				41080	2639.0	20.1	18.9
				41540	2685.0	20.4	19.0
		25	0	39700	2501.0	19.2	17.8
				40160	2547.0	18.8	17.9
				40620	2593.0	19.5	17.9
				41080	2639.0	19.3	18.0
				41540	2685.0	19.4	17.8
			13	39700	2501.0	19.4	17.8
				40160	2547.0	18.9	18.4
				40620	2593.0	19.3	18.2
				41080	2639.0	19.0	18.1
				41540	2685.0	18.9	17.9
			25	39700	2501.0	19.2	18.3
				40160	2547.0	19.2	17.9
				40620	2593.0	19.2	17.9
				41080	2639.0	18.8	17.9
				41540	2685.0	19.3	18.0
		50	0	39700	2501.0	19.4	18.5
				40160	2547.0	18.8	18.4
				40620	2593.0	19.0	17.8
				41080	2639.0	19.1	18.1
				41540	2685.0	19.2	18.1

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3	15 MHz	1	0	39725	2503.5	20.1	19.2
				40173	2548.3	20.2	19.0
				40620	2593.0	19.8	19.3
				41068	2637.8	20.0	19.5
				41515	2682.5	20.1	19.3
			37	39725	2503.5	20.4	19.3
				40173	2548.3	20.5	19.1
				40620	2593.0	20.2	19.4
				41068	2637.8	20.1	19.5
				41515	2682.5	19.9	19.2
			74	39725	2503.5	19.9	19.3
				40173	2548.3	20.0	19.3
				40620	2593.0	20.3	19.0
				41068	2637.8	20.0	19.5
				41515	2682.5	19.9	18.8
		36	0	39725	2503.5	19.4	18.3
				40173	2548.3	18.8	17.8
				40620	2593.0	19.2	18.0
				41068	2637.8	19.4	17.9
				41515	2682.5	19.1	18.4
			19	39725	2503.5	19.4	17.8
				40173	2548.3	18.9	18.2
				40620	2593.0	19.1	18.2
				41068	2637.8	19.0	17.9
				41515	2682.5	19.1	17.8
			39	39725	2503.5	19.3	18.0
				40173	2548.3	19.1	18.2
				40620	2593.0	19.3	18.4
				41068	2637.8	19.5	18.5
				41515	2682.5	19.0	18.0
		75	0	39725	2503.5	19.4	18.2
				40173	2548.3	19.1	18.1
				40620	2593.0	19.5	18.4
				41068	2637.8	19.1	18.1
				41515	2682.5	19.4	18.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
41 PC3 & PC2	20 MHz	1	0	39750	2506.0	20.4	19.1
				40185	2549.5	20.0	19.4
				40620	2593.0	20.1	19.4
				41055	2636.5	20.5	19.4
				41490	2680.0	19.9	18.8
			49	39750	2506.0	20.3	19.2
				40185	2549.5	20.3	19.0
				40620	2593.0	19.9	19.5
				41055	2636.5	20.2	19.2
				41490	2680.0	20.0	19.4
			99	39750	2506.0	19.9	19.4
				40185	2549.5	20.3	19.1
				40620	2593.0	20.0	18.9
				41055	2636.5	20.3	19.2
				41490	2680.0	20.4	19.0
		50	0	39750	2506.0	19.1	18.2
				40185	2549.5	19.3	18.5
				40620	2593.0	19.4	18.3
				41055	2636.5	19.3	18.4
				41490	2680.0	19.5	17.9
			24	39750	2506.0	18.8	18.0
				40185	2549.5	19.0	18.2
				40620	2593.0	19.2	18.0
				41055	2636.5	19.1	18.2
				41490	2680.0	19.1	18.2
			50	39750	2506.0	19.4	18.2
				40185	2549.5	18.9	18.4
				40620	2593.0	19.2	18.1
				41055	2636.5	19.3	18.3
				41490	2680.0	19.0	18.3
		100	0	39750	2506.0	18.9	18.4
				40185	2549.5	19.0	18.0
				40620	2593.0	19.3	17.9
				41055	2636.5	18.9	18.1
				41490	2680.0	19.3	18.0

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	1.4 MHz	1	0	131979	1710.7	19.5	18.1
				132322	1745.0	19.0	18.4
				132665	1779.3	19.2	18.3
			3	131979	1710.7	18.8	17.9
				132322	1745.0	19.1	18.3
				132665	1779.3	19.3	17.9
			5	131979	1710.7	18.9	18.4
				132322	1745.0	19.2	17.9
				132665	1779.3	19.3	18.3
		3	0	131979	1710.7	19.1	18.4
				132322	1745.0	19.3	18.5
				132665	1779.3	18.9	18.5
			1	131979	1710.7	19.3	18.1
				132322	1745.0	19.2	17.9
				132665	1779.3	19.3	18.4
			3	131979	1710.7	19.1	17.8
				132322	1745.0	19.4	18.2
				132665	1779.3	19.2	18.0
		6	0	131979	1710.7	18.3	17.4
				132322	1745.0	17.8	17.3
				132665	1779.3	18.0	17.0
	3 MHz	1	0	131987	1711.5	19.2	17.9
				132322	1745.0	19.2	18.2
				132657	1778.5	19.0	18.0
			7	131987	1711.5	18.8	18.1
				132322	1745.0	18.9	18.2
				132657	1778.5	18.9	18.1
			14	131987	1711.5	19.4	18.3
				132322	1745.0	19.2	18.1
				132657	1778.5	19.3	18.1
		8	0	131987	1711.5	18.2	17.4
				132322	1745.0	18.3	17.1
				132657	1778.5	18.5	16.9
			7	131987	1711.5	18.4	17.1
				132322	1745.0	18.4	17.0
				132657	1778.5	17.9	17.4
			14	131987	1711.5	18.0	17.4
				132322	1745.0	18.2	17.0
				132657	1778.5	18.2	16.9
		15	0	131987	1711.5	17.9	17.0
				132322	1745.0	18.4	16.9
				132657	1778.5	17.8	17.3

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	5 MHz	1	0	131997	1712.5	19.3	17.9
				132322	1745.0	18.8	18.1
				132646	1777.4	19.1	17.9
			12	131997	1712.5	18.9	18.4
				132322	1745.0	19.1	18.2
				132646	1777.4	19.0	18.3
			24	131997	1712.5	19.0	18.5
				132322	1745.0	19.4	17.9
				132646	1777.4	19.4	18.3
		12	0	131997	1712.5	18.2	17.2
				132322	1745.0	18.3	17.4
				132646	1777.4	17.9	17.3
			6	131997	1712.5	18.0	16.8
				132322	1745.0	18.3	17.2
				132646	1777.4	18.3	16.9
			13	131997	1712.5	18.2	17.0
				132322	1745.0	18.4	16.9
				132646	1777.4	18.3	17.1
		25	0	131997	1712.5	18.4	17.4
				132322	1745.0	18.3	17.1
				132646	1777.4	17.9	17.4
	10 MHz	1	0	132033	1716.1	19.2	18.4
				132322	1745.0	19.0	18.2
				132621	1774.9	19.1	18.3
			24	132033	1716.1	19.5	18.2
				132322	1745.0	18.9	18.3
				132621	1774.9	19.2	18.5
			49	132033	1716.1	19.3	18.0
				132322	1745.0	19.2	17.8
				132621	1774.9	19.5	18.4
		25	0	132033	1716.1	18.3	17.2
				132322	1745.0	18.2	16.9
				132621	1774.9	17.9	17.2
			13	132033	1716.1	18.4	17.2
				132322	1745.0	18.2	17.0
				132621	1774.9	18.0	17.0
			25	132033	1716.1	17.9	17.4
				132322	1745.0	18.1	16.9
				132621	1774.9	17.9	17.0
		50	0	132033	1716.1	18.4	17.0
				132322	1745.0	18.3	17.1
				132621	1774.9	18.1	17.1

Band	Bandwidth	RB Size	RB Offset	Channel	Frequency	QPSK	16QAM
66	15 MHz	1	0	132047	1717.5	19.2	18.4
				132322	1745.0	19.3	18.2
				132596	1772.4	19.3	18.4
			37	132047	1717.5	19.3	18.3
				132322	1745.0	18.8	17.9
				132596	1772.4	19.2	18.0
			74	132047	1717.5	19.0	18.1
				132322	1745.0	19.2	18.4
				132596	1772.4	19.4	18.0
		36	0	132047	1717.5	18.0	16.8
				132322	1745.0	18.4	17.0
				132596	1772.4	17.9	17.5
			19	132047	1717.5	18.0	17.4
				132322	1745.0	18.0	17.4
				132596	1772.4	18.2	17.1
			39	132047	1717.5	18.3	17.5
				132322	1745.0	18.4	17.5
				132596	1772.4	18.4	17.4
		75	0	132047	1717.5	18.0	17.1
				132322	1745.0	18.1	16.9
				132596	1772.4	18.4	17.0
	20 MHz	1	0	132072	1720.0	19.3	18.0
				132322	1745.0	19.1	17.9
				132571	1769.9	19.0	17.9
			49	132072	1720.0	19.3	17.9
				132322	1745.0	19.3	18.0
				132571	1769.9	18.9	18.3
			99	132072	1720.0	19.0	18.5
				132322	1745.0	19.4	18.3
				132571	1769.9	19.5	18.5
		50	0	132072	1720.0	18.0	17.2
				132322	1745.0	18.0	17.4
				132571	1769.9	17.8	17.5
			24	132072	1720.0	17.8	16.9
				132322	1745.0	17.9	17.4
				132571	1769.9	18.5	17.0
			50	132072	1720.0	17.9	17.1
				132322	1745.0	18.3	17.4
				132571	1769.9	18.3	17.5
		100	0	132072	1720.0	18.2	17.3
				132322	1745.0	17.8	17.0
				132571	1769.9	18.5	17.5

Band	Mode	Bandwidth (MHz)	Channel	Frequency (MHz)	Data Rate	Antenna	Avg Power (dBm)	Tune-up Pwr (dBm)
2450 MHz	802.11b	20	2	2417	1 Mbps	Tx0	17.91	18.00
			6	2437			17.91	18.00
			10	2457			17.88	18.00
			2	2417		Tx1	17.88	18.00
			6	2437			17.85	18.00
			10	2457			17.95	18.00
	802.11g	20	2	2417	6 Mbps	Tx0	17.96	18.00
			6	2437			17.94	18.00
			10	2457			17.90	18.00
			2	2417		Tx1	17.93	18.00
			6	2437			17.96	18.00
			10	2457			17.83	18.00
	802.11n	20	2	2417	MCS0	Tx0	17.98	18.00
			6	2437			17.84	18.00
			10	2457			17.84	18.00
			2	2417		Tx1	17.92	18.00
			6	2437			17.94	18.00
			10	2457			17.97	18.00
	802.11ax/ac	20	2	2417	MCS0	Tx0	17.93	18.00
			6	2437			17.95	18.00
			10	2457			17.98	18.00
			2	2417		Tx1	17.80	18.00
			6	2437			17.84	18.00
			10	2457			17.99	18.00
5.15-5.25 GHz	802.11a	20	38	5190	6 Mbps	Tx0	11.89	12.00
			40	5200			11.88	12.00
			44	5220			11.83	12.00
			48	5240			11.91	12.00
			36	5180		Tx1	11.97	12.00
			40	5200			11.81	12.00
			44	5220			11.84	12.00
			48	5240			11.97	12.00
	802.11n	20	38	5190	MCS0	Tx0	11.92	12.00
			40	5200			11.90	12.00
			44	5220			11.96	12.00
			46	5230			11.98	12.00
			36	5180		Tx1	11.94	12.00
			40	5200			11.93	12.00
			44	5220			11.95	12.00
			46	5230			11.82	12.00
	802.11ax/ac	20	38	5190	MCS0	Tx0	11.97	12.00
			40	5200			11.96	12.00
			44	5220			11.98	12.00
			46	5230			11.83	12.00
			36	5180		Tx1	12.00	12.00
			40	5200			11.97	12.00
			44	5220			11.86	12.00
			46	5230			11.82	12.00

Band	Mode	Bandwidth (MHz)	Channel	Frequency (MHz)	Data Rate	Antenna	Avg Power (dBm)	Tune-up Pwr (dBm)
5800 MHz	802.11a	20	149	5745	6 Mbps	Tx0	15.88	16.00
			153	5765			15.87	16.00
			157	5785			15.98	16.00
			161	5805			15.94	16.00
			165	5825			15.98	16.00
			149	5745		Tx1	13.96	14.00
			153	5765			13.81	14.00
			157	5785			13.86	14.00
			161	5805			13.92	14.00
			165	5825			13.84	14.00
	802.11n	20	149	5745	MCS0	Tx0	15.92	16.00
			153	5765			15.82	16.00
			157	5785			15.96	16.00
			161	5805			15.94	16.00
			165	5825			15.93	16.00
			149	5745		Tx1	13.96	14.00
			153	5765			14.00	14.00
			157	5785			13.85	14.00
			161	5805			13.88	14.00
			165	5825			13.87	14.00
	802.11ax/ac	20	149	5745	MCS0	Tx0	15.85	16.00
			153	5765			15.94	16.00
			157	5785			15.92	16.00
			161	5805			15.94	16.00
			165	5825			15.85	16.00
			149	5745		Tx1	14.00	14.00
			153	5765			13.97	14.00
			157	5785			13.99	14.00
			161	5805			13.92	14.00
			165	5825			13.87	14.00

10. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
 - c. For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
 - d. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The Reported TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
2. Per KDB 447498 D01v06, for each exposure position, 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:
 - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
 - ≤ 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
3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.

UMTS Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is $\leq \frac{1}{4}$ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA, DC-HSDPA) are less than $\frac{1}{4}$ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

LTE Note:

1. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
2. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
3. Per KDB 941225 D05v02r05, For 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.
4. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is $> \text{not } \frac{1}{2}$ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
5. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is $> \text{not } \frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
6. For LTE B4/B5/B12 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
7. LTE band 2/4/5/17/38 SAR test was covered by Band 25/66/26/12/41; according to TCB workshop, SAR test for overlapping LTE bands can be reduced if
 - a. The maximum output power, including tolerance, for the smaller band is ≤ 0.5 the larger band to qualify for the SAR test exclusion.
 - b. The channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.

Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 0	RMC 12.2Kbps	Side A	10mm	9262	1852.4	16.07	16.50	1.06	1.08
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9400	1880	16.14	16.50	1.02	1.02
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9538	1907.6	16.41	16.50	1.02	1.04
	WCDMA II_Ant 0	RMC 12.2Kbps	Side B	10mm	9400	1880	23.76	24.00	0.0538	0.06
	WCDMA II_Ant 0	RMC 12.2Kbps	Side C	10mm	9400	1880	16.14	16.50	0.427	0.46
	WCDMA II_Ant 0	RMC 12.2Kbps	Side D	10mm	9262	1852.4	16.07	16.50	0.792	0.87
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9400	1880	16.14	16.50	1.01	1.10
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9538	1907.6	16.41	16.50	0.955	0.98
1	WCDMA II_Ant 0	RMC 12.2Kbps	Side F	10mm	9262	1852.4	16.07	16.50	1.23	1.36
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9400	1880	16.14	16.50	1.10	1.20
	WCDMA II_Ant 0	RMC 12.2Kbps		10mm	9538	1907.6	16.41	16.50	1.02	1.04
	WCDMA II_Ant 0	RMC 12.2Kbps	Side F	20mm	9262	1852.4	23.87	24.00	1.01	1.04
	Repeat	RMC 12.2Kbps	Side F	10mm	9262	1852.4	16.07	16.50	1.21	1.34
	WCDMA IV_Ant 0	RMC 12.2Kbps	Side A	10mm	1413	1732.6	19.46	19.50	0.462	0.47
	WCDMA IV_Ant 0	RMC 12.2Kbps	Side B	10mm	1413	1732.6	23.70	24.00	0.177	0.19
	WCDMA IV_Ant 0	RMC 12.2Kbps	Side C	10mm	1413	1732.6	19.46	19.50	0.650	0.66
	WCDMA IV_Ant 0	RMC 12.2Kbps	Side D	10mm	1413	1732.6	19.46	19.50	0.519	0.52
2	WCDMA IV_Ant 0	RMC 12.2Kbps	Side F	10mm	1312	1712.4	19.09	19.50	1.18	1.30
	WCDMA IV_Ant 0	RMC 12.2Kbps		10mm	1413	1732.6	19.46	19.50	1.10	1.11
	WCDMA IV_Ant 0	RMC 12.2Kbps		10mm	1513	1752.6	19.32	19.50	1.13	1.18
	WCDMA IV_Ant 0	RMC 12.2Kbps	Side F	20mm	1312	1712.4	23.61	24.00	0.952	1.04
	Repeat	RMC 12.2Kbps	Side F	10mm	1312	1712.4	19.09	19.50	1.16	1.27
	WCDMA V_Ant 0	RMC 12.2Kbps	Side A	10mm	4132	826.4	23.59	24.00	0.987	1.09
	WCDMA V_Ant 0	RMC 12.2Kbps		10mm	4183	836.6	23.99	24.00	0.981	0.98
	WCDMA V_Ant 0	RMC 12.2Kbps		10mm	4233	846.6	23.97	24.00	0.976	0.98
	WCDMA V_Ant 0	RMC 12.2Kbps	Side B	10mm	4183	836.6	23.99	24.00	0.703	0.71
	WCDMA V_Ant 0	RMC 12.2Kbps	Side C	10mm	4132	826.4	23.59	24.00	1.01	1.11
3	WCDMA V_Ant 0	RMC 12.2Kbps		10mm	4183	836.6	23.99	24.00	1.12	1.12
	WCDMA V_Ant 0	RMC 12.2Kbps		10mm	4233	846.6	23.97	24.00	1.07	1.08
	WCDMA V_Ant 0	RMC 12.2Kbps	Side D	10mm	4183	836.6	23.99	24.00	0.557	0.56
	WCDMA V_Ant 0	RMC 12.2Kbps	Side F	10mm	4183	836.6	23.99	24.00	0.0979	0.10
	WCDMA V_Ant 0	RMC 12.2Kbps	Side C	20mm	4183	836.6	23.99	24.00	1.02	1.02
	Repeat	RMC 12.2Kbps	Side C	10mm	4183	836.6	23.99	24.00	1.14	1.14

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 2_Ant 8	20M	QPSK	1	49	Side A	10mm	18900	1880	14.31	14.50	0.319	0.33
	LTE Band 2_Ant 8	20M	QPSK	50	24		10mm	18900	1880	13.38	13.50	0.171	0.18
	LTE Band 2_Ant 8	20M	QPSK	1	49	Side C	10mm	18900	1880	14.31	14.50	0.347	0.36
	LTE Band 2_Ant 8	20M	QPSK	50	24		10mm	18900	1880	13.38	13.50	0.195	0.20
	LTE Band 2_Ant 8	20M	QPSK	1	49	Side D	10mm	18900	1880	14.31	14.50	0.438	0.46
	LTE Band 2_Ant 8	20M	QPSK	50	24		10mm	18900	1880	13.38	13.50	0.351	0.36
	LTE Band 2_Ant 0	20M	QPSK	1	49	Side F	10mm	18900	1880	14.29	14.50	0.423	0.44
	LTE Band 4_Ant 8	20M	QPSK	1	49	Side A	10mm	20175	1732.5	16.22	16.50	0.229	0.24
	LTE Band 4_Ant 8	20M	QPSK	50	24		10mm	20175	1732.5	15.39	15.50	0.158	0.16
	LTE Band 4_Ant 8	20M	QPSK	1	49	Side C	10mm	20175	1732.5	16.22	16.50	0.355	0.38
	LTE Band 4_Ant 8	20M	QPSK	50	24		10mm	20175	1732.5	15.39	15.50	0.264	0.27
	LTE Band 4_Ant 8	20M	QPSK	1	49	Side D	10mm	20175	1732.5	16.22	16.50	0.347	0.37
	LTE Band 4_Ant 8	20M	QPSK	50	24		10mm	20175	1732.5	15.39	15.50	0.243	0.25
	LTE Band 4_Ant 0	20M	QPSK	1	49	Side F	10mm	20175	1732.5	16.17	16.50	0.352	0.38
	LTE Band 5_Ant 1	10M	QPSK	1	24	Side A	10mm	20450	829.0	24.00	24.00	0.756	0.76
	LTE Band 5_Ant 1	10M	QPSK	1	24		10mm	20525	836.5	23.80	24.00	0.924	0.97
	LTE Band 5_Ant 1	10M	QPSK	1	24		10mm	20600	844.0	23.80	24.00	0.859	0.90
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20525	836.5	22.60	23.00	0.611	0.67
	LTE Band 5_Ant 1	10M	QPSK	1	24	Side B	10mm	20525	836.5	23.80	24.00	0.426	0.45
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20525	836.5	22.60	23.00	0.301	0.33
	LTE Band 5_Ant 1	10M	QPSK	1	24		10mm	20450	829.0	24.00	24.00	0.852	0.85
	LTE Band 5_Ant 1	10M	QPSK	1	24	Side C	10mm	20525	836.5	23.80	24.00	0.968	1.01
	LTE Band 5_Ant 1	10M	QPSK	1	24		10mm	20600	844.0	23.80	24.00	0.959	1.00
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20450	829.0	22.30	23.00	0.749	0.88
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20525	836.5	22.60	23.00	0.867	0.95
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20600	844.0	23.00	23.00	0.859	0.86
	LTE Band 5_Ant 1	10M	QPSK	1	24	Side D	10mm	20525	836.5	23.80	24.00	0.367	0.38
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20525	836.5	22.60	23.00	0.226	0.25
	LTE Band 5_Ant 1	10M	QPSK	1	24	Side E	10mm	20525	836.5	23.80	24.00	0.0987	0.10
	LTE Band 5_Ant 1	10M	QPSK	25	12		10mm	20525	836.5	22.60	23.00	0.0843	0.09
	Repeat	10M	QPSK	1	24	Side C	10mm	20525	836.5	23.80	24.00	0.948	0.99
	LTE Band 5_Ant 0	10M	QPSK	1	24	Side C	10mm	20525	836.5	23.80	24.00	0.925	0.97
	LTE Band 5B_Ant 0	10M	QPSK	1	24	Side C	10mm	20525	836.5	23.90	24.00	1.01	1.03
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side A	10mm	21100	2535	19.30	19.50	0.692	0.72
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21100	2535	17.90	18.50	0.496	0.57
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side B	10mm	21100	2535	23.90	24.00	0.115	0.12
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21100	2535	22.60	24.00	0.0961	0.11
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side C	10mm	21100	2535	19.30	19.50	0.323	0.34
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21100	2535	17.90	18.50	0.246	0.28
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side D	10mm	21100	2535	19.30	19.50	0.224	0.23
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21100	2535	17.90	18.50	0.195	0.22
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side F	10mm	20850	2510	18.90	19.50	1.10	1.26
	LTE Band 7_Ant 0	20M	QPSK	1	49		10mm	21100	2535	19.30	19.50	1.12	1.17
4	LTE Band 7_Ant 0	20M	QPSK	1	49		10mm	21350	2560	19.50	19.50	1.18	1.18
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	20850	2510	18.30	18.50	0.956	1.00
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21100	2535	17.90	18.50	0.927	1.06
	LTE Band 7_Ant 0	20M	QPSK	50	24		10mm	21350	2560	18.50	18.50	0.995	1.00
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side F	20mm	21350	2560	24.00	24.00	1.06	1.06
	Repeat	20M	QPSK	1	49	Side F	10mm	21350	2560	19.50	19.50	1.16	1.16
	LTE Band 7_Ant 0	20M	QPSK	1	49	Side F	10mm	21350	2560	16.22	16.50	0.369	0.39

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
5	LTE Band 12_Ant 0	10M	QPSK	1	24	Side A	10mm	23095	707.5	23.30	24.00	0.715	0.84
	LTE Band 12_Ant 0	10M	QPSK	25	12		10mm	23095	707.5	22.50	23.00	0.622	0.70
	LTE Band 12_Ant 0	10M	QPSK	1	24	Side B	10mm	23095	707.5	23.30	24.00	0.368	0.43
	LTE Band 12_Ant 0	10M	QPSK	25	12		10mm	23095	707.5	22.50	23.00	0.485	0.54
	LTE Band 12_Ant 0	10M	QPSK	1	24	Side C	10mm	23095	707.5	23.30	24.00	0.674	0.79
	LTE Band 12_Ant 0	10M	QPSK	25	12		10mm	23095	707.5	22.50	23.00	0.593	0.67
	LTE Band 12_Ant 0	10M	QPSK	1	24	Side D	10mm	23095	707.5	23.30	24.00	0.399	0.47
	LTE Band 12_Ant 0	10M	QPSK	25	12		10mm	23095	707.5	22.50	23.00	0.305	0.34
	LTE Band 12_Ant 0	10M	QPSK	1	24	Side F	10mm	23095	707.5	23.30	24.00	0.0642	0.08
	LTE Band 12_Ant 0	10M	QPSK	25	12		10mm	23095	707.5	22.50	23.00	0.0567	0.06
	LTE Band 12_Ant 0	10M	QPSK	1	24	Side A	10mm	23095	707.5	20.87	21.00	0.328	0.34
	Repeat	10M	QPSK	1	24	Side A	10mm	23095	707.5	23.30	24.00	0.702	0.83
6	LTE Band 13_Ant 0	10M	QPSK	1	24	Side A	10mm	23230	782	23.40	24.00	0.667	0.77
	LTE Band 13_Ant 0	10M	QPSK	25	12		10mm	23230	782	22.60	23.00	0.558	0.61
	LTE Band 13_Ant 0	10M	QPSK	1	24	Side B	10mm	23230	782	23.40	24.00	0.392	0.45
	LTE Band 13_Ant 0	10M	QPSK	25	12		10mm	23230	782	22.60	23.00	0.296	0.33
	LTE Band 13_Ant 0	10M	QPSK	1	24	Side C	10mm	23230	782	23.40	24.00	0.621	0.71
	LTE Band 13_Ant 0	10M	QPSK	25	12		10mm	23230	782	22.60	23.00	0.537	0.59
	LTE Band 13_Ant 0	10M	QPSK	1	24	Side D	10mm	23230	782	23.40	24.00	0.290	0.33
	LTE Band 13_Ant 0	10M	QPSK	25	12		10mm	23230	782	22.60	23.00	0.208	0.23
	LTE Band 13_Ant 0	10M	QPSK	1	24	Side F	10mm	23230	782	23.40	24.00	0.0985	0.11
	LTE Band 13_Ant 0	10M	QPSK	25	12		10mm	23230	782	22.60	23.00	0.0855	0.09
	LTE Band 25_Ant 0	20M	QPSK	1	49	Side A	10mm	26140	1860	17.00	17.50	0.950	1.08
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26365	1882.5	17.30	17.50	1.05	1.10
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26590	1905	17.20	17.50	1.01	1.08
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26140	1860	16.20	16.50	0.869	0.93
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26365	1882.5	15.90	16.50	0.902	1.04
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26590	1905	16.40	16.50	0.845	0.87
	LTE Band 25_Ant 0	20M	QPSK	1	49	Side B	10mm	26365	1882.5	23.70	24.00	0.117	0.13
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26365	1882.5	22.90	23.00	0.0873	0.09
	LTE Band 25_Ant 0	20M	QPSK	1	49	Side C	10mm	26140	1860	17.00	17.50	0.910	1.05
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26365	1882.5	17.30	17.50	0.870	0.92
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26590	1905	17.20	17.50	0.980	1.08
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26140	1860	16.20	16.50	0.706	0.77
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26365	1882.5	15.90	16.50	0.647	0.77
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26590	1905	16.40	16.50	0.712	0.73
	LTE Band 25_Ant 0	20M	QPSK	1	49	Side D	10mm	26365	1882.5	17.30	17.50	0.605	0.63
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26365	1882.5	15.90	16.50	0.511	0.59
	LTE Band 25_Ant 0	20M	QPSK	1	49	Side F	10mm	26140	1860	17.00	17.50	1.17	1.31
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26365	1882.5	17.30	17.50	1.28	1.34
	LTE Band 25_Ant 0	20M	QPSK	1	49		10mm	26590	1905	17.20	17.50	1.01	1.08
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26140	1860	16.20	16.50	0.966	1.04
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26365	1882.5	15.90	16.50	1.08	1.24
	LTE Band 25_Ant 0	20M	QPSK	50	24		10mm	26590	1905	16.40	16.50	0.941	0.96
7	LTE Band 25_Ant 0	20M	QPSK	1	49	Side F	20mm	26365	1882.5	23.70	24.00	1.12	1.20
	Repeat	20M	QPSK	1	49	Side F	10mm	26365	1882.5	17.30	17.50	1.26	1.32

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
8	LTE Band 26_Ant 0	15M	QPSK	1	37	Side A	10mm	26740	821.5	23.60	24.00	0.832	0.91
	LTE Band 26_Ant 0	15M	QPSK	1	37		10mm	26865	831.5	23.60	24.00	0.997	1.09
	LTE Band 26_Ant 0	15M	QPSK	1	37		10mm	26990	841.5	23.70	24.00	0.979	1.05
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26865	831.5	22.60	23.00	0.752	0.83
	LTE Band 26_Ant 0	15M	QPSK	1	37	Side B	10mm	26865	831.5	23.60	24.00	0.546	0.60
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26865	831.5	22.60	23.00	0.421	0.46
	LTE Band 26_Ant 0	15M	QPSK	1	37	Side C	10mm	26740	821.5	23.60	24.00	0.961	1.05
	LTE Band 26_Ant 0	15M	QPSK	1	37		10mm	26865	831.5	23.60	24.00	1.02	1.12
	LTE Band 26_Ant 0	15M	QPSK	1	37		10mm	26990	841.5	23.70	24.00	1.04	1.11
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26740	821.5	22.80	23.00	0.865	0.91
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26865	831.5	22.60	23.00	0.936	1.03
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26990	841.5	22.40	23.00	0.922	1.06
	LTE Band 26_Ant 0	15M	QPSK	1	37	Side D	10mm	26865	831.5	23.60	24.00	0.437	0.48
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26865	831.5	22.60	23.00	0.328	0.36
	LTE Band 26_Ant 0	15M	QPSK	1	37	Side F	10mm	26865	831.5	23.60	24.00	0.120	0.13
	LTE Band 26_Ant 0	15M	QPSK	36	19		10mm	26865	831.5	22.60	23.00	0.0972	0.11
	Repeat	15M	QPSK	1	37	Side C	10mm	26865	831.5	23.60	24.00	1.06	1.16
	LTE Band 30_Ant 0	10M	QPSK	1	24	Side A	10mm	27710	2310.0	22.00	23.00	0.445	0.56
	LTE Band 30_Ant 0	10M	QPSK	25	12		10mm	27710	2310.0	21.40	22.00	0.311	0.36
16	LTE Band 30_Ant 0	10M	QPSK	1	24	Side B	10mm	27710	2310.0	22.00	23.00	0.0222	0.03
	LTE Band 30_Ant 0	10M	QPSK	25	12		10mm	27710	2310.0	21.40	22.00	0.0106	0.01
	LTE Band 30_Ant 0	10M	QPSK	1	24	Side C	10mm	27710	2310.0	22.00	23.00	0.504	0.63
	LTE Band 30_Ant 0	10M	QPSK	25	12		10mm	27710	2310.0	21.40	22.00	0.397	0.46
	LTE Band 30_Ant 0	10M	QPSK	1	24	Side D	10mm	27710	2310.0	22.00	23.00	0.574	0.72
	LTE Band 30_Ant 0	10M	QPSK	25	12		10mm	27710	2310.0	21.40	22.00	0.476	0.55
	LTE Band 30_Ant 0	10M	QPSK	1	24	Side F	10mm	27710	2310.0	22.00	23.00	0.558	0.70
	LTE Band 30_Ant 0	10M	QPSK	25	12		10mm	27710	2310.0	21.40	22.00	0.422	0.48
	LTE Band 41_Ant 0	20M	QPSK	1	49	Side A	10mm	40620	2593	17.42	17.50	0.252	0.26
	LTE Band 41_Ant 0	20M	QPSK	50	24		10mm	40620	2593	16.02	16.50	0.168	0.19
	LTE Band 41_Ant 0	20M	QPSK	1	49	Side B	10mm	40620	2593	26.50	27.00	0.267	0.30
	LTE Band 41_Ant 0	20M	QPSK	50	24		10mm	40620	2593	25.70	26.00	0.188	0.20
	LTE Band 41_Ant 0	20M	QPSK	1	49	Side C	10mm	40620	2593	17.42	17.50	0.349	0.36
	LTE Band 41_Ant 0	20M	QPSK	50	24		10mm	40620	2593	16.02	16.50	0.265	0.30
	LTE Band 41_Ant 0	20M	QPSK	1	49	Side D	10mm	40620	2593	17.42	17.50	0.423	0.43
	LTE Band 41_Ant 0	20M	QPSK	50	24		10mm	40620	2593	16.02	16.50	0.302	0.34
	LTE Band 41_Ant 0	20M	QPSK	1	49	Side F	10mm	40620	2593	17.42	17.50	0.623	0.63
	LTE Band 41_Ant 0	20M	QPSK	50	24		10mm	40620	2593	16.02	16.50	0.502	0.56
9	LTE Band 41_Ant 0	20M	QPSK	1	49	Side F	20mm	40620	2593	27.00	27.00	0.923	0.92
	LTE Band 41_Ant 8	20M	QPSK	1	49	Side A	10mm	40620	2593	19.90	20.50	0.433	0.50
	LTE Band 41_Ant 8	20M	QPSK	50	24		10mm	40620	2593	19.20	19.50	0.341	0.37
	LTE Band 41_Ant 8	20M	QPSK	1	49	Side C	10mm	40620	2593	19.90	19.50	0.334	0.30
	LTE Band 41_Ant 8	20M	QPSK	50	24		10mm	40620	2593	19.20	18.50	0.256	0.22
	LTE Band 41_Ant 8	20M	QPSK	1	49	Side D	10mm	39750	2506	20.30	20.50	0.387	0.41
	LTE Band 41_Ant 8	20M	QPSK	1	49		10mm	40185	2549.5	20.30	20.50	0.640	0.67
	LTE Band 41_Ant 8	20M	QPSK	1	49		10mm	40620	2593	19.90	20.50	0.849	0.98
	LTE Band 41_Ant 8	20M	QPSK	1	49		10mm	41055	2636.5	20.20	20.50	0.966	1.04
	LTE Band 41_Ant 8	20M	QPSK	1	49		10mm	41490	2680	20.00	20.50	0.807	0.91
	LTE Band 41_Ant 8	20M	QPSK	50	24		10mm	40620	2593	19.20	19.50	0.743	0.80
	LTE Band 41_Ant 8	20M	QPSK	1	49	Side D	20mm	40155	2636.5	27.00	27.00	0.923	0.92
	Repeat	20M	QPSK	1	49	Side D	10mm	40155	2636.5	20.20	20.50	0.942	1.01
	LTE Band 41C_Ant 8	20M	QPSK	1	49	Side D	10mm	40620	2593	17.22	17.50	0.522	0.56

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
8	LTE Band 48_Ant 4	20M	QPSK	1	49	Side A	10mm	55990	3625	20.90	21.50	0.390	0.45
	LTE Band 48_Ant 4	20M	QPSK	50	24		10mm	55990	3625	20.50	20.50	0.302	0.30
	LTE Band 48_Ant 4	20M	QPSK	1	49	Side B	10mm	55990	3625	20.90	21.50	0.221	0.25
	LTE Band 48_Ant 4	20M	QPSK	50	24		10mm	55990	3625	20.50	20.50	0.187	0.19
	LTE Band 48_Ant 4	20M	QPSK	1	49	Side C	10mm	55990	3625	20.90	21.50	0.223	0.26
	LTE Band 48_Ant 4	20M	QPSK	50	24		10mm	55990	3625	20.50	20.50	0.166	0.17
	LTE Band 48_Ant 4	20M	QPSK	1	49	Side F	10mm	55990	3625	20.90	21.50	0.436	0.50
	LTE Band 48_Ant 4	20M	QPSK	50	24		10mm	55990	3625	20.50	20.50	0.357	0.36
	LTE Band 48_Ant 4	20M	QPSK	1	49	Side F	10mm	55990	3625	18.40	18.50	0.218	0.22
	LTE Band 48C_Ant 4	20M	QPSK	1	49	Side F	10mm	55340+55538	3560	16.70	17.00	0.185	0.20
11	LTE Band 66_Ant 0	20M	QPSK	1	49	Side A	10mm	132322	1745	19.30	19.50	0.392	0.41
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132322	1745	17.90	18.50	0.301	0.35
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side B	10mm	132322	1745	24.10	24.50	0.0849	0.09
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132322	1745	23.30	23.50	0.0715	0.08
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side C	10mm	132322	1745	19.30	19.50	0.529	0.55
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132322	1745	17.90	18.50	0.416	0.48
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side D	10mm	132322	1745	19.30	19.50	0.609	0.64
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132322	1745	17.90	18.50	0.536	0.62
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side F	10mm	132072	1720	19.30	19.50	1.21	1.27
	LTE Band 66_Ant 0	20M	QPSK	1	49		10mm	132322	1745	19.30	19.50	1.14	1.19
	LTE Band 66_Ant 0	20M	QPSK	1	49		10mm	132571	1770	18.90	19.50	1.03	1.18
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132072	1720	17.80	18.50	0.856	1.01
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132322	1745	17.90	18.50	0.821	0.94
	LTE Band 66_Ant 0	20M	QPSK	50	24		10mm	132571	1770	18.50	18.50	0.745	0.75
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side F	20mm	132072	1720	24.10	24.50	1.11	1.22
	Repeat	20M	QPSK	1	49	Side F	10mm	132072	1720	19.30	19.50	1.19	1.25
	LTE Band 66_Ant 0	20M	QPSK	1	49	Side F	10mm	132072	1720	16.30	16.50	0.397	0.42
	LTE Band 66B_Ant 0	20M	QPSK	1	49	Side F	10mm	132072	1720	19.30	19.50	1.02	1.07
	LTE Band 66C_Ant 0	20M	QPSK	1	49	Side F	10mm	132072	1720	19.30	19.50	1.06	1.11
	LTE Band 66_Ant 8	20M	QPSK	1	49	Side A	10mm	132322	1745	16.20	16.50	0.254	0.27
	LTE Band 66_Ant 8	20M	QPSK	50	24		10mm	132322	1745	15.40	15.50	0.167	0.17
	LTE Band 66_Ant 8	20M	QPSK	1	49	Side C	10mm	132322	1745	16.20	16.50	0.302	0.32
	LTE Band 66_Ant 8	20M	QPSK	50	24		10mm	132322	1745	15.40	15.50	0.215	0.22
12	LTE Band 66_Ant 8	20M	QPSK	1	49	Side D	10mm	132322	1745	16.20	16.50	0.402	0.43
	LTE Band 66_Ant 8	20M	QPSK	50	24		10mm	132322	1745	15.40	15.50	0.328	0.34
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side A	10mm	133222	680.5	23.60	24.00	0.762	0.84
	LTE Band 71_Ant 0	20M	QPSK	50	24		10mm	133222	680.5	22.40	23.00	0.658	0.76
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side B	10mm	133222	680.5	23.60	24.00	0.314	0.34
	LTE Band 71_Ant 0	20M	QPSK	50	24		10mm	133222	680.5	22.40	23.00	0.287	0.33
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side C	10mm	133222	680.5	23.60	24.00	0.696	0.76
	LTE Band 71_Ant 0	20M	QPSK	50	24		10mm	133222	680.5	22.40	23.00	0.588	0.68
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side D	10mm	133222	680.5	23.60	24.00	0.417	0.46
	LTE Band 71_Ant 0	20M	QPSK	50	24		10mm	133222	680.5	22.40	23.00	0.325	0.37
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side F	10mm	133222	680.5	23.60	24.00	0.0697	0.08
	LTE Band 71_Ant 0	20M	QPSK	50	24		10mm	133222	680.5	22.40	23.00	0.0576	0.07
	LTE Band 71_Ant 0	20M	QPSK	1	49	Side D	10mm	133222	680.5	20.70	21.00	0.362	0.39

Plot No.	Band	BW (MHz)	Modulation	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
13	2.45 GHz Ant 0	20M	CCK	Side A	10mm	6	2437	17.91	18.00	0.268	0.27
	2.45 GHz Ant 1	20M	CCK		10mm	6	2437	17.85	18.00	0.139	0.14
	2.45 GHz Ant 1	20M	CCK	Side B	10mm	6	2437	17.85	18.00	0.110	0.11
	2.45 GHz Ant 0	20M	CCK	Side C	10mm	6	2437	17.91	18.00	0.160	0.16
	2.45 GHz Ant 1	20M	CCK		10mm	6	2437	17.85	18.00	0.128	0.13
	2.45 GHz Ant 0	20M	CCK	Side D	10mm	6	2437	17.91	18.00	0.242	0.25
	2.45 GHz Ant 0	20M	CCK	Side E	10mm	6	2437	17.91	18.00	0.0840	0.09
	2.45 GHz Ant 1	20M	CCK	Side F	10mm	6	2437	17.85	18.00	0.0427	0.04
	5.25 GHz Ant 0	20M	OFDM	Side A	10mm	44	5220	11.83	12.00	0.139	0.14
	5.25 GHz Ant 1	20M	OFDM		10mm	44	5220	11.84	12.00	0.141	0.15
	5.25 GHz Ant 1	20M	OFDM	Side B	10mm	44	5220	11.84	12.00	0.197	0.20
	5.25 GHz Ant 0	20M	OFDM	Side C	10mm	44	5220	11.83	12.00	0.194	0.20
	5.25 GHz Ant 1	20M	OFDM		10mm	44	5220	11.84	12.00	0.137	0.14
14	5.25 GHz Ant 0	20M	OFDM	Side D	10mm	44	5220	11.83	12.00	0.269	0.28
	5.25 GHz Ant 0	20M	OFDM	Side E	10mm	44	5220	11.83	12.00	0.0892	0.09
	5.25 GHz Ant 1	20M	OFDM	Side F	10mm	44	5220	11.84	12.00	0.0949	0.10
	5.75 GHz Ant 0	20M	OFDM	Side A	10mm	157	5785	15.98	16.00	0.287	0.29
	5.75 GHz Ant 1	20M	OFDM		10mm	157	5785	13.86	14.00	0.190	0.20
15	5.75 GHz Ant 1	20M	OFDM	Side B	10mm	157	5785	13.86	14.00	0.371	0.38
	5.75 GHz Ant 0	20M	OFDM	Side C	10mm	157	5785	15.98	16.00	0.220	0.22
	5.75 GHz Ant 1	20M	OFDM		10mm	157	5785	13.86	14.00	0.241	0.25
	5.75 GHz Ant 0	20M	OFDM	Side D	10mm	157	5785	15.98	16.00	0.322	0.32
	5.75 GHz Ant 0	20M	OFDM	Side E	10mm	157	5785	15.98	16.00	0.137	0.14
	5.75 GHz Ant 1	20M	OFDM	Side F	10mm	157	5785	13.86	14.00	0.149	0.15

11. Simultaneous Transmission Analysis

The FR1 data is located in report number SAR.20220810. The data listed in the tables below was extracted from the reports filed with this report.

Sim-Tx configuration

No.	Simultaneous Transmission Configuration	Exposure Positions
		Body
1	UMTS + 2.4 GHz Wifi 0 + 2.4 GHz WiFi 1	Yes
2	UMTS + 5 GHz Wifi 0 + 5 GHz WiFi 1	Yes
3	LTE + 2.4 GHz Wifi 0 + 2.4 GHz WiFi 1	Yes
4	LTE + 5 GHz Wifi 0 + 5 GHz WiFi 1	Yes
5	FR1 + 2.4 GHz Wifi 0 + 2.4 GHz WiFi 1	Yes
6	FR1 + 5 GHz Wifi 0 + 5 GHz WiFi 1	Yes
7	LTE + FR1 + 2.4 GHz WiFi 0 + 2.4 GHz WiFi 1	Yes
8	LTE + FR1 + 5 GHz WiFi 0 + 5 GHz WiFi 1	Yes

General Note:

1. The worst-case WLAN reported SAR for each configuration was used for SAR summation, regardless of whether the WLAN channel has Hotspot capability. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
2. The Scaled SAR summation is calculated based on the same configuration and test position.

Body Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	1+2+3 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN	2.4GHz Wi-Fi 0	2.4GHz Wi-Fi 1	5GHz Wi-Fi 0	5GHz Wi-Fi 1		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
WCDMA II Ant 0	Side A	1.08	0.27	0.14	0.29	0.20	1.49	1.57
	Side B	0.06		0.11		0.38	0.17	0.44
	Side C	0.46	0.16	0.13	0.22	0.25	0.75	0.93
	Side D	1.10	0.25		0.32		1.35	1.42
	Side E		0.09		0.14		0.09	0.14
	Side F	1.36		0.04		0.15	1.40	1.51
WCDMA IV Ant 0	Side A	0.47	0.27	0.14	0.29	0.20	0.88	0.96
	Side B	0.19		0.11		0.38	0.30	0.57
	Side C	0.66	0.16	0.13	0.22	0.25	0.95	1.13
	Side D	0.52	0.25		0.32		0.77	0.84
	Side E		0.09		0.14		0.09	0.14
	Side F	1.30		0.04		0.15	1.34	1.45
WCDMA V Ant 0	Side A	1.09	0.27	0.14	0.29	0.20	1.50	1.58
	Side B	0.71		0.11		0.38	0.82	1.09
	Side C	1.12	0.16	0.13	0.22	0.25	1.45	1.59
	Side D	0.56	0.25		0.32		0.81	0.88
	Side E		0.09		0.14		0.09	0.14
	Side F	0.10		0.04		0.15	0.14	0.25
LTE Band 7 Ant 0	Side A	0.72	0.27	0.14	0.29	0.20	1.13	1.21
	Side B	0.12		0.11		0.38	0.23	0.50
	Side C	0.34	0.16	0.13	0.22	0.25	0.63	0.81
	Side D	0.23	0.25		0.32		0.48	0.55
	Side E		0.09		0.14		0.09	0.14
	Side F	1.18		0.04		0.15	1.22	1.33
LTE Band 12 Ant 0	Side A	0.84	0.27	0.14	0.29	0.20	1.25	1.33
	Side B	0.54		0.11		0.38	0.65	0.92
	Side C	0.79	0.16	0.13	0.22	0.25	1.08	1.26
	Side D	0.47	0.25		0.32		0.72	0.79
	Side E		0.09		0.14		0.09	0.14
	Side F	0.08		0.04		0.15	0.12	0.23
LTE Band 13 Ant 0	Side A	0.77	0.27	0.14	0.29	0.20	1.18	1.26
	Side B	0.45		0.11		0.38	0.56	0.83
	Side C	0.71	0.16	0.13	0.22	0.25	1.00	1.18
	Side D	0.33	0.25		0.32		0.58	0.65
	Side E		0.09		0.14		0.09	0.14
	Side F	0.11		0.04		0.15	0.15	0.26
LTE Band 25 Ant 0	Side A	1.10	0.27	0.14	0.29	0.20	1.51	1.59
	Side B	0.13		0.11		0.38	0.24	0.51
	Side C	1.08	0.16	0.13	0.22	0.25	1.37	1.55
	Side D	0.63	0.25		0.32		0.88	0.95
	Side E		0.09		0.14		0.09	0.14
	Side F	1.34		0.04		0.15	1.38	1.49
LTE Band 26 Ant 0	Side A	1.09	0.27	0.14	0.29	0.20	1.50	1.58
	Side B	0.60		0.11		0.38	0.71	0.98
	Side C	1.12	0.16	0.13	0.22	0.25	1.41	1.59
	Side D	0.48	0.25		0.32		0.73	0.80
	Side E		0.09		0.14		0.09	0.14
	Side F	0.13		0.04		0.15	0.17	0.28

WWAN Band	Exposure Position	1	2	3	4	5	1+2+3 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN	2.4GHz Wi-Fi 0	2.4GHz Wi-Fi 1	5GHz Wi-Fi 0	5GHz Wi-Fi 1		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE Band 30 Ant 0	Side A	0.56	0.27	0.14	0.29	0.20	0.97	1.05
	Side B	0.03		0.11		0.38	0.14	0.41
	Side C	0.63	0.16	0.13	0.22	0.25	0.92	1.10
	Side D	0.72	0.25		0.32		0.97	1.04
	Side E		0.09		0.14		0.09	0.14
	Side F	0.70		0.04		0.15	0.74	0.85
LTE Band 41 Ant 0	Side A	0.50	0.27	0.14	0.29	0.20	0.91	0.99
	Side B	0.30		0.11		0.38	0.41	0.68
	Side C	0.36	0.16	0.13	0.22	0.25	0.65	0.83
	Side D	1.04	0.25		0.32		1.29	1.36
	Side E		0.09		0.14		0.09	0.14
	Side F	0.63		0.04		0.15	0.67	0.78
LTE Band 48 Ant 4	Side A	0.45	0.27	0.14	0.29	0.20	0.86	0.94
	Side B	0.25		0.11		0.38	0.36	0.63
	Side C	0.26	0.16	0.13	0.22	0.25	0.55	0.73
	Side D		0.25		0.32		0.25	0.32
	Side E		0.09		0.14		0.09	0.14
	Side F	0.50		0.04		0.15	0.54	0.65
LTE Band 66 Ant 0	Side A	0.41	0.27	0.14	0.29	0.20	0.82	0.90
	Side B	0.09		0.11		0.38	0.20	0.47
	Side C	0.55	0.16	0.13	0.22	0.25	0.84	1.02
	Side D	0.70	0.25		0.32		0.95	1.02
	Side E		0.09		0.14		0.09	0.14
	Side F	1.27		0.04		0.15	1.31	1.42
LTE Band 71 Ant 0	Side A	0.84	0.27	0.14	0.29	0.20	1.25	1.33
	Side B	0.34		0.11		0.38	0.45	0.72
	Side C	0.76	0.16	0.13	0.22	0.25	1.05	1.23
	Side D	0.46	0.25		0.32		0.71	0.78
	Side E		0.09		0.14		0.09	0.14
	Side F	0.08		0.04		0.15	0.12	0.23
FR1 Band n7 Ant 0	Side A	1.02	0.27	0.14	0.29	0.20	1.43	1.51
	Side B	0.17		0.11		0.38	0.28	0.55
	Side C	0.83	0.16	0.13	0.22	0.25	1.12	1.30
	Side D	0.06	0.25		0.32		0.31	0.38
	Side E		0.09		0.14		0.09	0.14
	Side F	1.21		0.04		0.15	1.25	1.36
FR1 Band n12 Ant 0	Side A	0.72	0.27	0.14	0.29	0.20	1.13	1.21
	Side B	0.31		0.11		0.38	0.42	0.69
	Side C	0.53	0.16	0.13	0.22	0.25	0.82	1.00
	Side D	0.34	0.25		0.32		0.59	0.66
	Side E		0.09		0.14		0.09	0.14
	Side F	0.08		0.04		0.15	0.12	0.23
FR1 Band n25 Ant 0	Side A	1.11	0.27	0.14	0.29	0.20	1.52	1.60
	Side B	0.33		0.11		0.38	0.44	0.71
	Side C	0.78	0.16	0.13	0.22	0.25	1.07	1.25
	Side D	0.02	0.25		0.32		0.27	0.34
	Side E		0.09		0.14		0.09	0.14
	Side F	1.11		0.04		0.15	1.15	1.26
FR1 Band n26 Ant 0	Side A	0.86	0.27	0.14	0.29	0.20	1.27	1.35
	Side B	0.32		0.11		0.38	0.43	0.70
	Side C	0.85	0.16	0.13	0.22	0.25	1.14	1.32
	Side D	0.59	0.25		0.32		0.84	0.91
	Side E		0.09		0.14		0.09	0.14
	Side F	0.09		0.04		0.15	0.13	0.24

WWAN Band	Exposure Position	1	2	3	4	5	1+2+3 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN	2.4GHz Wi-Fi 0	2.4GHz Wi-Fi 1	5GHz Wi-Fi 0	5GHz Wi-Fi 1		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
FR1 Band n30 Ant 0	Side A	0.59	0.27	0.14	0.29	0.20	1.00	1.08
	Side B	0.38		0.11		0.38	0.49	0.76
	Side C	0.41	0.16	0.13	0.22	0.25	0.70	0.88
	Side D	0.49	0.25		0.32		0.74	0.81
	Side E		0.09		0.14		0.09	0.14
	Side F	0.48		0.04		0.15	0.52	0.63
FR1 Band n41 Ant 8	Side A	0.77	0.27	0.14	0.29	0.20	1.18	1.26
	Side B			0.11		0.38	0.11	0.38
	Side C	0.31	0.16	0.13	0.22	0.25	0.60	0.78
	Side D	0.11	0.25		0.32		0.36	0.43
	Side E		0.09		0.14		0.09	0.14
	Side F			0.04		0.15	0.04	0.15
FR1 Band n48 Ant 4	Side A	1.09	0.27	0.14	0.29	0.20	1.50	1.58
	Side B	0.31		0.11		0.38	0.42	0.69
	Side C	0.69	0.16	0.13	0.22	0.25	0.98	1.16
	Side D		0.25		0.32		0.25	0.32
	Side E		0.09		0.14		0.09	0.14
	Side F	1.21		0.04		0.15	1.25	1.36
FR1 Band n66 Ant 0	Side A	1.11	0.27	0.14	0.29	0.20	1.52	1.60
	Side B	0.31		0.11		0.38	0.42	0.69
	Side C	1.11	0.16	0.13	0.22	0.25	1.40	1.58
	Side D	0.11	0.25		0.32		0.36	0.43
	Side E		0.09		0.14		0.09	0.14
	Side F	1.19		0.04		0.15	1.23	1.34
FR1 Band n71 Ant 0	Side A	1.19	0.27	0.14	0.29	0.20	1.60	1.68
	Side B	0.71		0.11		0.38	0.82	1.09
	Side C	1.11	0.16	0.13	0.22	0.25	1.40	1.58
	Side D	0.56	0.25		0.32		0.81	0.88
	Side E		0.09		0.14		0.09	0.14
	Side F	0.07		0.04		0.15	0.11	0.22
FR1 Band n77 Ant 4	Side A	0.77	0.27	0.14	0.29	0.20	1.18	1.26
	Side B	0.26		0.11		0.38	0.37	0.64
	Side C	0.63	0.16	0.13	0.22	0.25	0.92	1.10
	Side D		0.25		0.32		0.25	0.32
	Side E		0.09		0.14		0.09	0.14
	Side F	0.71		0.04		0.15	0.75	0.86

The SPLRS is not met for Band n71. Therefore, a scan was conducted with both WiFi0 and WiFi1 transmitting on channel 157 at maximum power for the WiFi volume scan. And, FR1 Band n71 was conducted for the cellular band volume scan. The two scans were then combined to give the resultant SAR simultaneous value. Below is the scan data.

RF Exposure Lab

DUT: M3000B; Type: Hotspot; FID: BI160522F00365

Communication System: LTE (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: HSL600; Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.387$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Communication System: WiFi 802.11a (OFDM, 6 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium: HSL3-6GHz; Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.335$ S/m; $\epsilon_r = 34.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Test Date: Date: 10/14/2022; Ambient Temp: 23 °C; Tissue Temp: 21 °C

Probe: EX3DV4 - SN3693; ConvF(10.46, 10.46, 10.46); Calibrated: 8/28/2022
Probe: EX3DV4 - SN3693; ConvF(4.7, 4.7, 4.7); Calibrated: 8/28/2022
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1217; Calibrated: 4/24/2022
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1251
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Procedure Notes:

Multi Band Result:

SAR(1 g) = 1.21 W/kg

Maximum value of SAR (interpolated) = 1.76 W/kg

