

Conducted Power of LTE Band 2(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					18625	18900	19175	
5MHz	QPSK	1	0	0	21.58	21.16	21.29	
			12	0	21.66	21.24	21.52	
			24	0	21.55	21.08	21.49	
		12	0	1	20.58	20.25	20.38	
			6	1	20.61	20.22	20.43	
			13	1	20.60	20.19	20.48	
		25	0	1	20.60	20.24	20.44	
		16QAM	1	0	1	20.51	20.32	20.26
				12	1	20.58	20.33	20.42
	24			1	20.51	20.21	20.40	
	12		0	2	19.54	19.26	19.40	
			6	2	19.55	19.25	19.39	
			13	2	19.50	19.24	19.44	
	25	0	2	19.59	19.20	19.47		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					18650	18900	19150	
10MHz	QPSK	1	0	0	21.54	21.35	21.13	
			24	0	21.63	21.38	21.32	
			49	0	21.54	21.15	21.54	
		25	0	1	20.61	20.34	20.33	
			12	1	20.63	20.28	20.33	
			25	1	20.64	20.23	20.48	
		50	0	1	20.60	20.24	20.33	
		16QAM	1	0	1	20.55	20.18	19.94
				24	1	20.63	20.19	20.28
	49			1	20.61	20.02	20.30	
	25		0	2	19.62	19.35	19.34	
			12	2	19.60	19.36	19.35	
			25	2	19.60	19.24	19.49	
	50	0	2	19.57	19.29	19.37		

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Conducted Power of LTE Band 2(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					18675	18900	19125	
15MHz	QPSK	1	0	0	21.49	21.23	20.97	
			38	0	21.57	21.14	21.20	
			74	0	21.42	20.89	21.47	
		38	0	1	20.50	20.43	19.72	
			18	1	20.56	20.33	20.02	
			37	1	20.46	20.08	20.27	
		75	0	1	20.72	20.33	20.33	
		16QAM	1	0	1	20.53	20.40	19.74
				38	1	20.55	20.26	20.00
	74			1	20.45	20.07	20.21	
	38		0	2	20.49	20.41	19.77	
			18	2	20.60	20.32	20.03	
			37	2	20.52	20.02	20.23	
	75	0	2	19.57	19.25	19.28		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
18700						18900	19100	
20MHz	QPSK	1	0	0	21.39	21.18	20.76	
			49	0	21.70	21.35	21.21	
			99	0	21.37	20.82	21.23	
		50	0	1	20.63	20.32	20.04	
			25	1	20.66	20.29	20.04	
			49	1	20.57	20.10	20.23	
		100	0	1	20.62	20.15	20.18	
		16QAM	1	0	1	20.29	20.31	19.63
				49	1	20.50	20.49	20.14
	99			1	20.20	19.94	20.11	
	50		0	2	19.66	19.34	19.13	
			25	2	19.65	19.31	19.13	
			49	2	19.58	19.15	19.32	
	100		0	2	19.68	19.18	19.19	

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Conducted Power of LTE Band 4(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					19957	20175	20393	
1.4MHz	QPSK	1	0	0	23.05	22.34	22.67	
			2	0	23.14	22.40	22.76	
			5	0	23.09	22.29	22.70	
		3	0	0	23.11	22.40	22.71	
			1	0	23.14	22.42	22.76	
			2	0	23.16	22.36	22.72	
	6	0	1	22.18	21.41	21.70		
	16QAM	1	0	1	21.93	21.19	21.43	
			2	1	22.28	21.42	21.68	
			5	1	21.98	21.25	21.50	
		3	0	1	21.94	21.22	21.53	
			1	1	21.96	21.20	21.55	
			2	1	21.92	21.20	21.55	
		6	0	2	21.11	20.42	20.53	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
19965							20175	20385
3MHz	QPSK	1	0	0	23.07	22.32	22.69	
			7	0	23.03	22.32	22.65	
			14	0	23.07	22.40	22.75	
		8	0	1	22.10	21.36	21.69	
			4	1	22.06	21.37	21.66	
			7	1	22.13	21.37	21.64	
	15	0	1	22.04	21.35	21.68		
	16QAM	1	0	1	22.09	21.34	21.54	
			7	1	22.10	21.28	21.46	
			14	1	22.06	21.35	21.46	
		8	0	2	21.12	20.38	20.63	
			4	2	21.09	20.39	20.63	
			7	2	21.07	20.40	20.63	
		15	0	2	21.07	20.34	20.57	

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Conducted Power of LTE Band 4(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					19975	20175	20375	
5MHz	QPSK	1	0	0	23.06	22.31	22.51	
			12	0	23.16	22.41	22.64	
			24	0	23.09	22.38	22.60	
		12	0	1	22.11	21.33	21.65	
			6	1	22.03	21.37	21.66	
			11	1	22.15	21.34	21.66	
		25	0	1	22.10	21.37	21.68	
		16QAM	1	0	1	22.04	21.29	21.65
				12	1	22.11	21.32	21.70
	24			1	22.05	21.36	21.67	
	12		0	2	20.99	20.25	20.72	
			6	2	21.06	20.32	20.72	
			11	2	21.06	20.39	20.72	
	25	0	2	21.10	20.42	20.64		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
20000						20175	20350	
10MHz	QPSK	1	0	0	23.06	22.36	22.55	
			24	0	23.15	22.48	22.71	
			49	0	23.03	22.45	22.69	
		25	0	1	22.16	21.44	21.70	
			12	1	22.14	21.44	21.68	
			25	1	22.22	21.48	21.68	
		50	0	1	22.13	21.43	21.69	
		16QAM	1	0	1	22.13	21.37	21.41
				24	1	22.22	21.57	21.46
	49			1	22.09	21.46	21.57	
	25		0	2	21.08	20.41	20.69	
			12	2	21.08	20.45	20.67	
			25	2	21.19	20.47	20.76	
	50	0	2	21.13	20.46	20.66		

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Conducted Power of LTE Band 4(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					20025	20175	20325	
15MHz	QPSK	1	0	0	23.00	22.24	22.29	
			37	0	23.07	22.44	22.48	
			74	0	22.83	22.35	22.48	
		36	0	1	22.02	21.26	21.49	
			16	1	22.10	21.36	21.69	
			35	1	21.87	21.38	21.75	
		75	0	1	22.08	21.46	21.68	
		16QAM	1	0	1	21.95	21.27	21.50
				37	1	22.04	21.41	21.67
	74			1	21.86	21.36	21.70	
	36		0	2	22.02	21.23	21.49	
			16	2	22.10	21.38	21.71	
			35	2	21.88	21.41	21.75	
	75	0	2	20.99	20.42	20.67		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
20050						20175	20300	
20MHz	QPSK	1	0	0	22.89	22.15	22.22	
			49	0	23.26	22.48	22.77	
			99	0	22.73	22.36	22.47	
		50	0	1	22.03	21.40	21.52	
			25	1	22.03	21.42	21.46	
			49	1	21.99	21.51	21.63	
		100	0	1	22.01	21.39	21.54	
		16QAM	1	0	1	21.78	21.12	21.32
				49	1	22.11	21.39	21.89
	99			1	21.69	21.26	21.61	
	50		0	2	21.03	20.48	20.52	
			25	2	21.00	20.47	20.54	
			49	2	20.97	20.49	20.70	
	100		0	2	20.96	20.38	20.58	

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Conducted Power of LTE Band 5(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20407	20525	20643
1.4MHz	QPSK	1	0	0	23.01	22.43	22.85
			2	0	23.10	22.53	23.04
			5	0	22.97	22.45	22.86
		3	0	0	23.09	22.56	22.99
			1	0	23.09	22.59	22.96
			2	0	23.10	22.60	23.01
	6	0	1	22.01	21.60	21.93	
	16QAM	1	0	1	21.86	21.39	21.73
			2	1	21.97	21.71	21.90
			5	1	21.85	21.42	21.67
		3	0	1	21.92	21.45	21.84
			1	1	21.94	21.40	21.84
			2	1	21.92	21.47	21.80
	6	0	2	20.89	20.59	20.83	
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
20415						20525	20635
3MHz	QPSK	1	0	0	23.04	22.47	22.92
			7	0	22.94	22.50	22.98
			14	0	22.97	22.58	22.97
		8	0	1	22.05	21.55	21.91
			4	1	22.04	21.50	21.90
			7	1	22.01	21.62	21.87
	15	0	1	21.99	21.57	21.90	
	16QAM	1	0	1	22.11	21.59	21.76
			7	1	22.09	21.56	21.77
			14	1	22.05	21.64	21.76
		8	0	2	21.07	20.59	20.93
			4	2	21.04	20.55	20.95
			7	2	21.01	20.65	20.90
	15	0	2	21.00	20.61	20.86	

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Conducted Power of LTE Band 5(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					20425	20525	20625	
5MHz	QPSK	1	0	0	22.98	22.44	22.72	
			13	0	23.11	22.69	22.96	
			24	0	22.97	22.66	22.80	
		12	0	1	22.00	21.53	21.93	
			6	1	22.02	21.61	21.93	
			13	1	21.99	21.62	21.93	
	25	0	1	22.07	21.61	21.95		
	16QAM	1	0	1	21.91	21.41	21.89	
			13	1	22.05	21.57	22.06	
			24	1	21.91	21.62	21.94	
		12	0	2	20.94	20.51	21.02	
			6	2	20.96	20.53	21.01	
			13	2	21.04	20.55	20.97	
		25	0	2	21.07	20.65	20.97	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
20450							20525	20600
10MHz	QPSK	1	0	0	22.28	22.41	22.62	
			24	0	22.40	22.69	22.94	
			49	0	22.42	22.75	22.91	
		25	0	1	21.36	21.59	21.93	
			12	1	21.32	21.57	21.91	
			25	1	21.50	21.69	21.93	
	50	0	1	21.40	21.59	21.89		
	16QAM	1	0	1	21.21	21.21	21.76	
			24	1	21.38	21.52	22.07	
			49	1	21.28	21.58	22.01	
		25	0	2	20.37	20.60	20.92	
			12	2	20.41	20.61	20.91	
			25	2	20.46	20.78	20.95	
		50	0	2	20.44	20.62	20.92	

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Conducted Power of LTE Band 7 (dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					20775	21100	21425	
5MHz	QPSK	1	0	0	22.26	22.16	21.25	
			12	0	22.37	22.22	21.34	
			24	0	22.27	22.09	21.19	
		12	0	1	21.25	21.22	20.29	
			6	1	21.24	21.20	20.28	
			13	1	21.30	21.14	20.24	
	25	0	1	21.30	21.22	20.25		
	16QAM	1	0	1	21.13	21.22	20.21	
			12	1	21.29	21.31	20.27	
			24	1	21.23	21.16	20.11	
		12	0	2	20.20	20.20	19.23	
			6	2	20.20	20.17	19.20	
			13	2	20.23	20.18	19.19	
		25	0	2	20.31	20.20	19.27	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
						20800	21100	21400
10MHz	QPSK	1	0	0	22.26	22.31	21.39	
			24	0	22.47	22.28	21.40	
			49	0	22.45	22.25	21.22	
		25	0	1	21.34	21.30	20.42	
			12	1	21.35	21.29	20.42	
			25	1	21.53	21.27	20.37	
	50	0	1	21.46	21.29	20.39		
	16QAM	1	0	1	21.24	21.03	20.31	
			24	1	21.43	21.25	20.52	
			49	1	21.48	21.09	20.22	
		25	0	2	20.33	20.29	19.39	
			12	2	20.36	20.30	19.39	
			25	2	20.49	20.30	19.32	
		50	0	2	20.42	20.28	19.37	

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Conducted Power of LTE Band 7 (dBm)

Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20825	21100	21375
15MHz	QPSK	1	0	0	22.19	22.15	21.35
			37	0	22.41	22.15	21.38
			74	0	22.40	22.08	21.17
		37	0	1	21.20	21.24	20.26
			16	1	21.44	21.30	20.40
			35	1	21.43	21.26	20.15
	75	0	1	21.50	21.33	20.44	
	16QAM	1	0	1	21.14	21.25	20.35
			37	1	21.42	21.34	20.38
			74	1	21.40	21.20	20.17
		37	0	2	21.13	21.28	20.36
			16	2	21.45	21.34	20.40
			35	2	21.43	21.23	20.12
	75	0	2	20.43	20.28	19.30	
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20850	21100	21350
20MHz	QPSK	1	0	0	22.07	22.10	21.14
			49	0	22.72	22.44	21.58
			99	0	22.33	22.07	21.11
		50	0	1	21.30	21.29	20.41
			25	1	21.29	21.28	20.45
			49	1	21.48	21.25	20.38
	100	0	1	21.33	21.31	20.39	
	16QAM	1	0	1	20.92	21.16	19.96
			49	1	21.56	21.42	20.41
			99	1	21.14	21.14	19.99
		50	0	2	20.25	20.34	19.41
			25	2	20.24	20.35	19.45
			49	2	20.48	20.28	19.32
	100	0	2	20.35	20.29	19.33	

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Conducted Power of LTE Band 12(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					23017	23095	23173	
1.4MHz	QPSK	1	0	0	22.63	22.77	23.87	
			2	0	22.93	22.90	23.94	
			5	0	22.64	22.78	23.78	
		3	0	0	22.75	22.75	23.99	
			1	0	22.74	22.79	23.99	
			2	0	22.74	22.85	23.84	
	6	0	1	21.72	21.78	22.94		
	16QAM	1	0	1	21.51	21.58	22.84	
			2	1	21.87	21.83	22.95	
			5	1	21.58	21.58	22.85	
		3	0	1	21.52	21.59	22.74	
			1	1	21.56	21.60	22.74	
			2	1	21.55	21.63	22.70	
		6	0	2	20.71	20.64	21.88	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
23025							23095	23165
3MHz	QPSK	1	0	0	22.71	22.75	22.68	
			7	0	22.73	22.77	22.65	
			14	0	22.73	22.75	22.52	
		8	0	1	21.69	21.77	21.62	
			4	1	21.69	21.71	21.64	
			7	1	21.76	21.73	21.61	
	15	0	1	21.74	21.65	21.56		
	16QAM	1	0	1	21.76	21.62	21.43	
			7	1	21.79	21.58	21.43	
			14	1	21.75	21.63	21.27	
		8	0	2	20.73	20.76	20.60	
			4	2	20.71	20.64	20.58	
			7	2	20.75	20.68	20.54	
		15	0	2	20.73	20.59	20.48	

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Conducted Power of LTE Band 12(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					23035	23095	23155	
5MHz	QPSK	1	0	0	22.63	22.64	22.66	
			12	0	22.77	22.75	22.69	
			24	0	22.76	22.63	22.47	
		12	0	1	21.75	21.76	21.67	
			6	1	21.70	21.71	21.68	
			13	1	21.75	21.65	21.70	
	25	0	1	21.75	21.69	21.71		
	16QAM	1	0	1	21.61	21.73	21.52	
			12	1	21.81	21.81	21.59	
			24	1	21.64	21.71	21.35	
		12	0	2	20.67	20.78	20.69	
			6	2	20.67	20.77	20.67	
			13	2	20.75	20.65	20.66	
		25	0	2	20.75	20.71	20.74	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
23060							23095	23130
10MHz	QPSK	1	0	0	22.65	22.69	22.75	
			24	0	22.86	22.84	22.79	
			49	0	22.83	22.72	22.57	
		25	0	1	21.66	21.77	21.93	
			12	1	21.66	21.78	21.93	
			25	1	21.74	21.65	21.76	
	50	0	1	21.72	21.74	21.85		
	16QAM	1	0	1	21.45	21.73	21.57	
			24	1	21.53	21.84	21.72	
			49	1	21.55	21.72	21.41	
		25	0	2	20.70	20.74	20.94	
			12	2	20.68	20.79	20.96	
			25	2	20.76	20.65	20.80	
		50	0	2	20.72	20.69	20.88	

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Conducted Power of LTE Band 17(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					23755	23790	23825	
5MHz	QPSK	1	0	0	22.62	22.64	22.67	
			12	0	22.67	22.68	22.68	
			24	0	22.64	22.56	22.49	
		12	0	1	21.71	21.78	21.61	
			6	1	21.70	21.79	21.67	
			13	1	21.61	21.60	21.58	
	25	0	1	21.66	21.72	21.61		
	16QAM	1	0	1	21.66	21.57	21.53	
			12	1	21.82	21.63	21.62	
			24	1	21.77	21.50	21.40	
		12	0	2	20.73	20.78	20.59	
			6	2	20.70	20.78	20.55	
			13	2	20.64	20.62	20.57	
		25	0	2	20.66	20.74	20.64	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
						23780	23790	23800
10MHz	QPSK	1	0	0	22.71	22.63	22.64	
			24	0	22.82	22.88	22.69	
			49	0	22.67	22.58	22.53	
		25	0	1	21.84	21.88	21.85	
			12	1	21.83	21.85	21.88	
			25	1	21.67	21.72	21.71	
	50	0	1	21.76	21.81	21.78		
	16QAM	1	0	1	21.48	21.71	21.54	
			24	1	21.70	21.88	21.65	
			49	1	21.43	21.63	21.35	
		25	0	2	20.86	20.85	20.91	
			12	2	20.87	20.85	20.92	
			25	2	20.73	20.73	20.73	
		50	0	2	20.78	20.74	20.78	

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Conducted Power of LTE Band 25(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26047	26365	26683
1.4MHz	QPSK	1	0	0	21.62	21.25	21.77
			2	0	21.75	21.36	21.82
			5	0	21.61	21.23	21.79
		3	0	0	21.70	21.31	21.84
			1	0	21.66	21.29	21.84
			2	0	21.67	21.32	21.87
	6	0	1	20.73	20.33	20.92	
	16QAM	1	0	1	20.49	20.05	20.55
			2	1	20.63	20.16	20.73
			5	1	20.50	20.07	20.54
		3	0	1	20.50	20.12	20.63
			1	1	20.49	20.14	20.61
			2	1	20.49	20.07	20.64
	6	0	2	19.69	19.15	19.83	
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
26055						26365	26675
3MHz	QPSK	1	0	0	21.61	21.29	21.76
			8	0	21.62	21.30	21.76
			14	0	21.63	21.27	21.83
		8	0	1	20.60	20.28	20.82
			4	1	20.68	20.31	20.78
			8	1	20.71	20.29	20.86
	15	0	1	20.66	20.26	20.79	
	16QAM	1	0	1	20.64	20.16	20.59
			8	1	20.65	20.05	20.59
			14	1	20.61	20.04	20.61
		8	0	2	19.63	19.27	19.80
			4	2	19.66	19.25	19.78
			8	2	19.68	19.24	19.83
	15	0	2	19.66	19.17	19.72	

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Conducted Power of LTE Band 25(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26065	26365	26665	
5MHz	QPSK	1	0	0	21.61	21.20	21.67	
			12	0	21.76	21.27	21.82	
			24	0	21.61	21.16	21.82	
		12	0	1	20.63	20.32	20.74	
			6	1	20.64	20.25	20.76	
			13	1	20.66	20.23	20.78	
		25	0	1	20.64	20.26	20.72	
		16QAM	1	0	1	20.55	20.26	20.51
				12	1	20.63	20.33	20.71
	24			1	20.59	20.21	20.72	
	12		0	2	19.54	19.30	19.73	
			6	2	19.58	19.28	19.73	
			13	2	19.63	19.25	19.75	
	25	0	2	19.68	19.22	19.80		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26090	26365	26640	
10MHz	QPSK	1	0	0	21.63	21.41	21.44	
			24	0	21.90	21.42	21.68	
			49	0	21.65	21.19	21.79	
		25	0	1	20.68	20.39	20.73	
			12	1	20.71	20.36	20.71	
			25	1	20.76	20.24	20.77	
		50	0	1	20.72	20.33	20.75	
		16QAM	1	0	1	20.64	20.27	20.20
				24	1	20.66	20.08	20.46
	49			1	20.67	20.00	20.52	
	25		0	2	19.65	19.42	19.70	
			12	2	19.66	19.40	19.75	
			25	2	19.67	19.26	19.79	
	50		0	2	19.66	19.35	19.76	

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Conducted Power of LTE Band 25(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26115	26365	26615	
15MHz	QPSK	1	0	0	21.56	21.25	21.17	
			38	0	21.71	21.21	21.55	
			74	0	21.55	20.94	21.71	
		38	0	1	20.60	20.41	19.97	
			18	1	20.70	20.33	20.33	
			37	1	20.55	20.11	20.46	
		75	0	1	20.87	20.34	20.64	
		16QAM	1	0	1	20.63	20.49	19.91
				38	1	20.72	20.33	20.33
	74			1	20.62	20.11	20.48	
	38		0	2	20.62	20.42	19.94	
			18	2	20.72	20.34	20.34	
			37	2	20.52	20.16	20.47	
	75	0	2	19.72	19.34	19.58		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
26140						26365	26590	
20MHz	QPSK	1	0	0	21.43	21.24	20.85	
			49	0	21.84	21.46	21.47	
			99	0	21.34	20.86	21.50	
		50	0	1	20.76	20.37	20.34	
			25	1	20.74	20.33	20.34	
			49	1	20.69	20.16	20.53	
		100	0	1	20.74	20.25	20.39	
		16QAM	1	0	1	20.35	20.39	19.72
				49	1	20.59	20.52	20.34
	99			1	20.30	19.97	20.43	
	50		0	2	19.70	19.37	19.37	
			25	2	19.77	19.36	19.38	
			49	2	19.67	19.16	19.64	
	100		0	2	19.71	19.24	19.43	

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Conducted Power of LTE Band 26A(dBm)									
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel		
					26697	26865	27033		
1.4MHz	QPSK	1	0	0	22.80	22.12	22.67		
			2	0	22.97	21.89	22.77		
			5	0	22.81	21.80	22.64		
		3	0	0	22.97	22.33	22.73		
			1	0	22.98	22.32	22.73		
			2	0	22.93	22.34	22.77		
		6	0	1	21.91	21.32	21.62		
		16QAM	1	0	1	21.82	21.14	21.47	
				2	1	21.94	20.87	21.68	
	5			1	21.74	21.24	21.42		
	3		0	1	21.78	21.14	21.60		
			1	1	21.80	21.16	21.57		
			2	1	21.73	21.22	21.57		
	6		0	2	20.89	20.34	20.54		
	Bandwidth		Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
							26705	26865	27025
	3MHz	QPSK	1	0	0	22.91	22.21	22.55	
				8	0	22.88	22.20	22.60	
14				0	22.78	22.30	22.61		
8			0	1	21.89	21.22	21.56		
			4	1	21.86	21.25	21.57		
			8	1	21.83	21.29	21.54		
15			0	1	21.81	21.25	21.52		
16QAM			1	0	1	22.02	21.30	21.51	
				8	1	21.96	21.31	21.45	
		14		1	21.89	21.40	21.45		
		8	0	2	20.93	20.26	20.60		
			4	2	20.87	20.22	20.61		
			8	2	20.89	20.34	20.60		
		15	0	2	20.86	20.30	20.52		

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Conducted Power of LTE Band 26A(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26715	26865	27015	
5MHz	QPSK	1	0	0	22.84	22.08	22.43	
			12	0	22.93	22.28	22.65	
			24	0	22.79	22.41	22.47	
		12	0	1	21.82	21.18	21.66	
			6	1	21.87	21.23	21.64	
			13	1	21.84	21.35	21.65	
		25	0	1	21.87	21.31	21.66	
		16QAM	1	0	1	21.86	21.11	21.61
				12	1	21.87	21.26	21.71
	24			1	21.79	21.33	21.63	
	12		0	2	20.84	20.20	20.72	
			6	2	20.86	20.18	20.72	
			13	2	20.79	20.27	20.65	
	25	0	2	20.93	20.37	20.73		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
26740						26865	26990	
10MHz	QPSK	1	0	0	22.25	22.16	22.50	
			24	0	22.20	22.50	22.88	
			49	0	22.21	22.55	22.68	
		25	0	1	21.34	21.32	21.83	
			12	1	21.32	21.38	21.79	
			25	1	21.29	21.61	21.71	
		50	0	1	21.22	21.48	21.76	
		16QAM	1	0	1	21.37	21.03	21.33
				24	1	21.33	21.38	21.63
	49			1	21.29	21.48	21.51	
	25		0	2	20.36	20.42	20.87	
			12	2	20.29	20.43	20.87	
			25	2	20.23	20.57	20.85	
	50	0	2	20.26	20.48	20.78		

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Conducted Power of LTE Band 26A(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26765	26865	26965	
15MHz	QPSK	1	0	0	22.29	22.18	22.19	
			38	0	22.31	22.44	22.55	
			74	0	22.52	22.60	22.58	
		38	0	1	21.08	21.24	21.42	
			18	1	21.15	21.56	21.76	
			37	1	21.28	21.69	21.72	
		75	0	1	21.36	21.47	21.62	
		16QAM	1	0	1	21.09	21.28	21.36
				38	1	21.12	21.53	21.86
	74			1	21.28	21.71	21.77	
	38		0	2	21.10	21.27	21.42	
			18	2	21.12	21.50	21.75	
			37	2	21.28	21.71	21.75	
	75		0	2	20.40	20.41	20.70	

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Conducted Power of LTE Band 26B(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26697	26740	26783	
1.4MHz	QPSK	1	0	0	23.41	23.18	23.02	
			2	0	23.52	23.25	23.13	
			5	0	23.36	23.12	22.94	
		3	0	0	23.51	23.28	23.21	
			1	0	23.46	23.26	23.17	
			3	0	23.46	23.25	23.13	
		6	0	1	22.39	22.21	22.07	
		16QAM	1	0	1	22.19	22.18	22.04
				2	1	22.28	22.39	22.03
	5			1	22.16	22.12	21.98	
	3		0	1	22.21	22.12	22.00	
			1	1	22.22	22.12	22.02	
			3	1	22.26	22.08	21.97	
	6	0	2	21.36	21.24	21.14		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
26705						26740	26775	
3MHz	QPSK	1	0	0	23.36	23.28	23.17	
			8	0	23.27	23.17	23.06	
			14	0	23.32	23.21	23.05	
		8	0	1	22.32	22.23	22.11	
			4	1	22.35	22.22	22.12	
			7	1	22.33	22.14	22.07	
		15	0	1	22.35	22.16	22.11	
		16QAM	1	0	1	22.46	22.16	21.97
				8	1	22.36	22.09	21.92
	14			1	22.39	22.05	21.96	
	8		0	2	21.39	21.24	21.13	
			4	2	21.38	21.24	21.17	
			7	2	21.41	21.16	21.13	
	15		0	2	21.38	21.10	21.02	

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Conducted Power of LTE Band 26B(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					26715	26740	26765	
5MHz	QPSK	1	0	0	23.34	23.28	23.12	
			12	0	23.32	23.25	23.19	
			24	0	23.12	23.07	23.05	
		12	0	1	22.33	22.26	22.16	
			6	1	22.32	22.22	22.17	
			13	1	22.31	22.18	22.12	
	25	0	1	22.36	22.28	22.16		
	16QAM	1	0	1	22.47	22.20	22.13	
			12	1	22.46	22.21	22.19	
			24	1	22.34	22.06	22.01	
		12	0	2	21.39	21.32	21.14	
			6	2	21.42	21.30	21.19	
			13	2	21.37	21.18	21.06	
		25	0	2	21.35	21.32	21.24	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	
10MHz		QPSK	1	0	0	23.41		
	24			0	23.32			
	49			0	23.18			
	25		0	1	22.44			
			12	1	22.43			
			25	1	22.28			
	50	0	1	22.35				
	16QAM	1	0	1	22.32			
			24	1	22.30			
			49	1	22.05			
		25	0	2	21.45			
			12	2	21.43			
			25	2	21.30			
		50	0	2	21.38			

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Conducted Power of LTE Band 26B(dBm)						
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	
					26765	
15MHz	QPSK	1	0	0	23.32	
			38	0	23.20	
			74	0	23.04	
		38	0	1	22.38	
			18	1	22.21	
			37	1	22.06	
		75	0	1	22.25	
		16QAM	1	0	1	22.41
				38	1	22.25
	74			1	22.07	
	38		0	2	22.43	
			18	2	22.26	
			37	2	22.04	
	75	0	2	21.19		

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Conducted Power of LTE Band 38 (dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					37775	38000	38225	
5MHz	QPSK	1	0	0	21.58	21.32	21.74	
			12	0	21.66	21.47	21.85	
			24	0	21.47	21.39	21.76	
		12	0	1	20.65	20.35	20.72	
			6	1	20.61	20.35	20.72	
			13	1	20.59	20.39	20.77	
	25	0	1	20.61	20.40	20.74		
	16QAM	1	0	1	20.64	20.21	20.60	
			12	1	20.73	20.34	20.74	
			24	1	20.56	20.27	20.64	
		12	0	2	19.64	19.37	19.66	
			6	2	19.63	19.35	19.66	
			13	2	19.59	19.43	19.69	
		25	0	2	19.53	19.39	19.71	
		Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel
37800							38000	38200
10MHz	QPSK	1	0	0	21.58	21.41	21.77	
			24	0	21.65	21.72	22.09	
			49	0	21.32	21.52	21.71	
		25	0	1	20.46	20.41	20.83	
			12	1	20.50	20.47	20.84	
			25	1	20.37	20.54	20.79	
	50	0	1	20.43	20.46	20.75		
	16QAM	1	0	1	20.57	20.28	20.53	
			24	1	20.67	20.52	20.83	
			49	1	20.30	20.32	20.46	
		25	0	2	19.47	19.41	19.85	
			12	2	19.46	19.43	19.85	
			25	2	19.33	19.54	19.82	
		50	0	2	19.43	19.52	19.79	

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Conducted Power of LTE Band 38 (dBm)

Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					37825	38000	38175
15MHz	QPSK	1	0	0	21.66	21.27	21.64
			38	0	21.58	21.43	21.84
			74	0	21.36	21.40	21.71
		37	0	1	20.66	20.41	20.39
			18	1	20.57	20.55	20.57
			37	1	20.41	20.60	20.48
	75	0	1	20.60	20.53	20.80	
	16QAM	1	0	1	20.66	20.44	20.37
			38	1	20.59	20.56	20.58
			74	1	20.41	20.57	20.47
		37	0	2	20.63	20.44	20.36
			18	2	20.61	20.57	20.58
			37	2	20.39	20.57	20.50
	75	0	2	19.58	19.48	19.78	
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					37850	38000	38150
20MHz	QPSK	1	0	0	21.55	21.24	21.33
			49	0	21.81	21.71	21.98
			99	0	21.24	21.45	21.54
		50	0	1	20.64	20.43	20.64
			25	1	20.64	20.43	20.60
			49	1	20.48	20.57	20.77
	100	0	1	20.54	20.54	20.69	
	16QAM	1	0	1	20.42	20.35	20.14
			49	1	20.73	20.81	20.78
			99	1	20.13	20.54	20.34
		50	0	2	19.65	19.46	19.67
			25	2	19.66	19.44	19.67
			49	2	19.49	19.58	19.81
	100	0	2	19.56	19.52	19.74	

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Conducted Power of LTE Band 41(dBm)									
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel		
					39675	40620	41565		
5MHz	QPSK	1	0	0	19.41	21.40	21.32		
			12	0	20.44	21.56	20.04		
			24	0	21.82	21.48	18.82		
		12	0	1	19.44	20.40	20.50		
			6	1	19.44	20.39	20.47		
			13	1	21.22	20.44	19.25		
		25	0	1	20.37	20.43	19.85		
		16QAM	1	0	1	21.25	20.29	20.43	
				12	1	20.30	20.43	19.35	
	24			1	21.80	20.38	18.19		
	12		0	2	19.24	19.34	19.82		
			6	2	19.23	19.30	19.80		
			13	2	21.07	19.46	18.66		
	25		0	2	20.24	19.46	19.25		
	Bandwidth		Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
							39700	40620	41540
	10MHz	QPSK	1	0	0	18.72	21.48	21.90	
				24	0	21.19	21.76	20.34	
49				0	20.05	21.54	18.07		
25			0	1	20.64	20.47	21.08		
			12	1	20.63	20.45	21.07		
			25	1	23.82	20.59	19.25		
50			0	1	21.44	20.52	20.36		
16QAM			1	0	1	22.60	20.47	20.83	
				24	1	21.17	20.78	19.67	
		49		1	22.05	20.57	17.42		
		25	0	2	21.51	19.41	19.94		
			12	2	21.49	19.40	19.99		
			25	2	23.76	19.57	18.50		
		50	0	2	22.40	19.49	19.62		

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Conducted Power of LTE Band 41(dBm)								
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel	
					39725	40620	41515	
15MHz	QPSK	1	0	0	18.90	21.38	21.86	
			38	0	20.88	21.49	21.65	
			74	0	17.42	21.49	18.53	
		37	0	1	18.82	20.38	20.84	
			18	1	19.86	20.48	20.86	
			37	1	20.41	20.52	17.85	
		75	0	1	19.22	20.55	21.07	
		16QAM	1	0	1	20.77	20.40	20.85
				38	1	20.87	20.49	20.85
	74			1	17.42	20.55	17.86	
	37		0	2	18.81	20.40	20.84	
			18	2	18.86	20.49	20.86	
			37	2	17.40	20.52	17.81	
	75	0	2	19.15	19.44	19.92		
	Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					39750	40620	41490	
20MHz	QPSK	1	0	0	21.92	21.26	21.80	
			49	0	20.23	21.76	22.24	
			99	0	20.03	21.44	18.82	
		50	0	1	21.57	20.35	21.07	
			25	1	21.57	20.35	21.10	
			49	1	18.42	20.55	20.46	
		100	0	1	19.59	20.52	20.89	
		16QAM	1	0	1	18.70	20.18	20.67
				49	1	19.14	20.65	21.01
	99			1	19.96	20.32	17.93	
	50		0	2	20.51	21.41	20.11	
			25	2	21.50	19.38	20.07	
			49	2	20.42	19.54	19.42	
	100	0	2	20.59	19.51	19.87		

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The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3.3-1 of the 3GPP TS36.101.

Table 6.2.3.3-1 Maximum Power Reduction (MPR) for Power class3

Modulation	Maximum Power Reduction (MPR) for Power[RB]						MPR(dB)
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz	
QPSK	>5	>4	>8	>12	>16	>18	≤1
16QAM	≤5	≤4	≤8	≤12	≤16	≤18	≤1
16QAM	>5	>4	>8	>12	>16	>18	≤2

The allowed A-MPR values specified below in Table 6.2.4.3-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".3

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Table 6.2.4.3-1: Additional Maximum Power Reduction (A-MPR) / Spectrum Emission requirements

Network Signaling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.2-1	1.4,3,5,10,15,20	Table 5.4.2-1	N/A
NS_03	6.6.2.2.3.1	2,4,10, 23, 25,35,36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.3.2	41	5	>6	≤ 1
			10, 15, 20	Table 6.2.4.3-4	
NS_05	6.6.3.3.3.1	1	10,15,20	≥ 50	≤ 1
NS_06	6.6.2.2.3.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.4.2-1	N/A
NS_07	6.6.2.2.3.3 6.6.3.3.3.2	13	10	Table 6.2.4.3-2	Table 6.2.4.3-2
NS_08	6.6.3.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
				Table 6.2.4.3-3	
NS_10		20	15, 20	Table 6.2.4.3-3	Table 6.2.4.3-3
NS_11	6.6.2.2.1 6.6.3.3.13	231	1.4, 3, 5, 10,15,20	Table 6.2.4.3-5	Table 6.2.4.3-5
NS_12	6.6.3.3.5	26	1.4, 3, 5	Table 6.2.4.3-6	Table 6.2.4.3-6
NS_13	6.6.3.3.6	26	5	Table 6.2.4.3-7	Table 6.2.4.3-7
NS_14	6.6.3.3.7	26	10, 15	Table 6.2.4.3-8	Table 6.2.4.3-8
NS_15	6.6.3.3.8	26	1.4, 3, 5, 10, 15	Table 6.2.4.3-9 Table 6.2.4.3-10	Table 6.2.4.3-9, Table 6.2.4.3-10
NS_16	6.6.3.3.9	27	3, 5, 10	Table 6.2.4.3-11, Table 6.2.4.3-12, Table 6.2.4.3-13	
NS_17	6.6.3.3.10	28	5, 10	Table 5.4.2-1	N/A
	6.6.3.3.11	28	5	≥ 2	≤ 1
NS_18			10, 15, 20	≥ 1	≤ 4
NS_19			10, 15, 20	Table 6.2.4.3-15	Table 6.2.4.3-15
NS_20			5, 10, 15, 20	Table 6.2.4.3-14	Table 6.2.4.3-14
...					
NS_20	-	-	-	-	-

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2.4GHZ WIFI

Mode	Data Rate (Mbps)	Channel	Frequency(MHz)	Avg. Burst Power(dBm)
802.11b	1	01	2412	14.98
		06	2437	14.19
		11	2462	14.16
802.11g	6	01	2412	13.87
		06	2437	13.45
		11	2462	13.15
802.11n(20)	6.5	01	2412	13.77
		06	2437	13.26
		11	2462	12.09
802.11n(40)	13.5	03	2422	13.10
		06	2437	12.71
		09	2452	12.16

Bluetooth_V5.0(BR/EDR)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	5.033
	39	2441	6.205
	78	2480	8.626
π /4-DQPSK	0	2402	4.137
	39	2441	4.797
	78	2480	7.609
8-DPSK	0	2402	4.916
	39	2441	5.591
	78	2480	8.228

Bluetooth_V5.0(BLE)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK 1M	0	2402	-3.023
	19	2440	-3.744
	39	2480	-5.348
GFSK 2M	0	2402	-3.205
	19	2440	-4.271
	39	2480	-5.767

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5GHz WIFI

Mode	channel	Frequency	Power(dBm)							
			Data Rate(bps)							
			6M	9M	12M	18M	24M	36M	48M	54M
802.11a	36	5180	15.62	15.48	15.40	15.35	15.16	15.07	14.95	14.85
	40	5200	14.97	14.85	14.71	14.62	14.54	14.44	14.28	14.22
	44	5220	14.92	14.82	14.64	14.54	14.50	14.31	14.24	14.14
	48	5240	15.38	15.24	15.11	15.01	14.94	14.85	14.75	14.68
	52	5260	15.24	15.11	15.01	14.88	14.80	14.62	14.57	14.55
	56	5280	15.21	15.15	14.99	14.85	14.75	14.63	14.53	14.42
	60	5300	15.05	14.82	14.81	14.74	14.58	14.42	14.40	14.26
	64	5320	14.64	14.53	14.43	14.32	14.17	14.05	13.95	13.85
	149	5745	14.21	14.06	13.96	13.86	13.75	13.66	13.53	13.43
	157	5785	13.67	13.59	13.40	13.25	13.27	13.15	13.02	12.95
	165	5825	13.46	13.35	13.23	13.17	12.97	12.84	12.82	12.72
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (20)	36	5180	13.44	13.29	13.22	13.15	12.98	12.84	12.77	12.68
	40	5200	13.87	13.74	13.61	13.54	13.44	13.31	13.18	13.14
	44	5220	13.85	13.75	13.57	13.52	13.43	13.25	13.17	13.10
	48	5240	15.18	15.06	14.91	14.88	14.74	14.62	14.55	14.41
	52	5260	14.72	14.63	14.49	14.35	14.28	14.17	14.05	14.00
	56	5280	14.65	14.55	14.43	14.22	14.19	14.14	13.97	13.91
	60	5300	14.70	14.54	14.46	14.36	14.23	14.11	14.05	13.94
	64	5320	14.48	14.35	14.27	14.12	14.01	13.95	13.79	13.73
	149	5745	14.01	13.86	13.76	13.65	13.55	13.44	13.33	13.29
	157	5785	13.00	12.88	12.73	12.69	12.60	12.42	12.35	12.27
	165	5825	12.76	12.62	12.53	12.45	12.27	12.13	12.12	12.01
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (40)	38	5190	13.72	13.57	13.54	13.41	13.29	13.17	13.08	12.96
	46	5230	13.00	12.87	12.71	12.68	12.55	12.48	12.35	12.27
	54	5270	13.69	13.59	13.45	13.34	13.22	13.12	13.02	12.94
	62	5310	13.37	13.25	13.12	13.03	12.95	12.84	12.73	12.60
	151	5755	13.40	13.31	13.13	13.04	12.94	12.85	12.72	12.68
	159	5795	13.02	12.92	12.82	12.65	12.52	12.50	12.35	12.28

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Mode	channel	Frequency	Power(dBm)							
			Data Rate(bps)							
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (20)	36	5180	13.25	13.10	13.05	12.94	12.77	12.70	12.58	12.48
	40	5200	13.72	13.59	13.42	13.40	13.24	13.20	13.03	12.95
	44	5220	13.69	13.59	13.41	13.34	13.21	13.12	13.01	12.92
	48	5240	13.90	13.78	13.64	13.56	13.42	13.37	13.27	13.14
	52	5260	12.67	12.58	12.42	12.31	12.25	12.12	12.00	11.91
	56	5280	12.64	12.54	12.43	12.27	12.18	12.12	11.96	11.95
	60	5300	12.60	12.44	12.32	12.27	12.13	12.01	11.95	11.82
	64	5320	12.49	12.36	12.26	12.17	12.04	11.92	11.80	11.71
	149	5745	13.01	12.86	12.75	12.66	12.51	12.43	12.33	12.22
	157	5785	12.43	12.31	12.18	12.04	12.03	11.91	11.78	11.75
	165	5825	12.21	12.07	11.95	11.85	11.72	11.64	11.57	11.43
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (40)	38	5190	12.45	12.30	12.27	12.14	11.99	11.90	11.75	11.69
	46	5230	14.01	13.88	13.74	13.69	13.58	13.49	13.32	13.28
	54	5270	13.07	12.97	12.71	12.72	12.65	12.50	12.36	12.32
	62	5310	12.87	12.75	12.65	12.53	12.43	12.34	12.25	12.10
	151	5755	13.98	13.89	13.72	13.62	13.54	13.43	13.34	13.26
	159	5795	12.36	12.26	12.15	11.99	11.90	11.84	11.65	11.62
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (80)	42	5210	13.47	13.39	13.23	13.12	13.04	12.94	12.84	12.70
	58	5290	13.17	13.06	12.95	12.84	12.71	12.62	12.48	12.42
	155	5775	12.02	11.84	11.72	11.71	11.62	11.46	11.38	11.25

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13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

Head SAR was performed with the device configured in the positions according to IEEE 1528-2013, Body-worn and 4 Edges SAR was performed with the device 10mm from the phantom.

13.1.2. Operation Mode

1. Per KDB 447498 D01 v06 ,for each exposure position, if the highest 1-g SAR is ≤ 0.8 W/kg, testing for low and high channel is optional.
2. Per KDB 865664 D01 v01r04,for each frequency band, if the measured SAR is ≥ 0.8 W/kg, testing for repeated SAR measurement is required , that the highest measured SAR is only to be tested. When the SAR results are near the limit, the following procedures are required for each device to verify these types of SAR measurement related variation concerns by repeating the highest measured SAR configuration in each frequency band.
 - (1) When the original highest measured SAR is ≥ 0.8 W/kg, repeat that measurement once.
 - (2) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is >1.20 or when the original or repeated measurement is ≥ 1.45 W/kg.
 - (3) Perform a third repeated measurement only if the original, first and second repeated measurement is ≥ 1.5 W/kg and ratio of largest to smallest SAR for the original, first and second measurement is ≥ 1.20 .
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Per KDB 648474 D04 v01r03,when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected is not required.
5. Per KDB 248227 D01v02r02,for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
6. Per KDB 941225 D06 V02r01, When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.
7. Maximum Scaling SAR in order to calculate the Maximum SAR values to test under the standard Peak Power, Calculation method is as follows:
Maximum Scaling SAR =tested SAR (Max.) \times [maximum turn-up power (mw)/ maximum measurement output power(mw)]
8. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
9. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation using the RB offset and required test channel combination with highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
10. Per KDB 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
11. Per KDB 941125 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

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1RB allocation and the highest reported SAR is >1.45 W/kg, the remaining required test channels must also be tested.

12. Per KDB 941125 D05v02r05. 16QAM output power for each RB allocation configuration is not 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.
13. Per KDB 941125 D05v02r05. Smaller bandwidth output power for each RB allocation configuration is $>$ not 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 941125 D05v02r03, smaller bandwidth SAR testing is not required.

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13.1.3. Test Result

SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 52.6				
Product: POS terminal									
Test Mode: GSM850 with GMSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (± 0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
SIM 1 Card									
Left Cheek	voice	190	836.6	0.07	0.141	29.80	28.99	0.170	1.6
Left Tilt	voice	190	836.6	-0.04	0.077	29.80	28.99	0.093	1.6
Right Cheek	voice	190	836.6	-0.03	0.151	29.80	28.99	0.182	1.6
Right Tilt	voice	190	836.6	-0.05	0.080	29.80	28.99	0.096	1.6
Body back	voice	190	836.6	0.17	0.088	29.80	28.99	0.106	1.6
Body front	voice	190	836.6	0.05	0.171	29.80	28.99	0.206	1.6
Body back	GPRS-2 slot	190	836.6	-0.01	0.191	27.70	27.61	0.195	1.6
Body front	GPRS-2 slot	190	836.6	0.03	0.370	27.70	27.61	0.378	1.6
Edge 2(Right)	GPRS-2 slot	190	836.6	-0.14	0.216	27.70	27.61	0.221	1.6
Edge 3(Bottom)	GPRS-2 slot	190	836.6	-0.14	0.051	27.70	27.61	0.052	1.6
Edge 4(Left)	GPRS-2 slot	190	836.6	-0.02	0.203	27.70	27.61	0.207	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 57.6				
Product: POS terminal									
Test Mode: PCS1900 with GMSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
SIM 1 Card									
Left Cheek	voice	661	1880.0	0.10	0.158	27.60	27.49	0.162	1.6
Left Tilt	voice	661	1880.0	-0.10	0.114	27.60	27.49	0.117	1.6
Right Cheek	voice	661	1880.0	-0.10	0.266	27.60	27.49	0.273	1.6
Right Tilt	voice	661	1880.0	0.01	0.117	27.60	27.49	0.120	1.6
Body back	voice	661	1880.0	0.01	0.080	27.60	27.49	0.082	1.6
Body front	voice	661	1880.0	0.19	0.132	27.60	27.49	0.135	1.6
Body back	GPRS-2 slot	661	1880.0	0.15	0.177	26.50	26.03	0.197	1.6
Body front	GPRS-2 slot	661	1880.0	-0.13	0.230	26.50	26.03	0.256	1.6
Edge 2(Right)	GPRS-2 slot	661	1880.0	0.11	0.186	26.50	26.03	0.207	1.6
Edge 3(Bottom)	GPRS-2 slot	661	1880.0	0.07	0.192	26.50	26.03	0.214	1.6
Edge 4(Left)	GPRS-2 slot	661	1880.0	0.16	0.084	26.50	26.03	0.094	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 57.6				
Product: POS terminal									
Test Mode: WCDMA Band II with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Left Cheek	RMC 12.2kbps	9400	1880	0.02	0.127	20.80	20.65	0.131	1.6
Left Tilt	RMC 12.2kbps	9400	1880	-0.05	0.112	20.80	20.65	0.116	1.6
Right Cheek	RMC 12.2kbps	9400	1880	0.17	0.201	20.80	20.65	0.208	1.6
Right Tilt	RMC 12.2kbps	9400	1880	-0.15	0.004	20.80	20.65	0.004	1.6
Body back	RMC 12.2kbps	9400	1880	0.06	0.213	20.80	20.65	0.220	1.6
Body front	RMC 12.2kbps	9400	1880	0.19	0.192	20.80	20.65	0.199	1.6
Edge 2(Right)	RMC 12.2kbps	9400	1880	0.12	0.138	20.80	20.65	0.143	1.6
Edge 3(Bottom)	RMC 12.2kbps	9400	1880	0.05	0.133	20.80	20.65	0.138	1.6
Edge 4(Left)	RMC 12.2kbps	9400	1880	0.03	0.061	20.80	20.65	0.063	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 54.3				
Product: POS terminal									
Test Mode: WCDMA Band IV with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Left Cheek	RMC 12.2kbps	8662	1732.4	0.18	0.104	22.30	21.37	0.129	1.6
Left Tilt	RMC 12.2kbps	8662	1732.4	-0.14	0.117	22.30	21.37	0.145	1.6
Right Cheek	RMC 12.2kbps	8662	1732.4	0.02	0.209	22.30	21.37	0.259	1.6
Right Tilt	RMC 12.2kbps	8662	1732.4	-0.06	0.126	22.30	21.37	0.156	1.6
Body back	RMC 12.2kbps	8662	1732.4	0.05	0.188	22.30	21.37	0.233	1.6
Body front	RMC 12.2kbps	8662	1732.4	0.14	0.252	22.30	21.37	0.312	1.6
Edge 2(Right)	RMC 12.2kbps	8662	1732.4	0.12	0.122	22.30	21.37	0.151	1.6
Edge 3(Bottom)	RMC 12.2kbps	8662	1732.4	0.05	0.140	22.30	21.37	0.173	1.6
Edge 4(Left)	RMC 12.2kbps	8662	1732.4	0.12	0.072	22.30	21.37	0.089	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 52.6				
Product: POS terminal									
Test Mode: WCDMA Band V with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Left Cheek	RMC 12.2kbps	4183	836.6	0.01	0.119	21.90	21.30	0.137	1.6
Left Tilt	RMC 12.2kbps	4183	836.6	0.01	0.068	21.90	21.30	0.078	1.6
Right Cheek	RMC 12.2kbps	4183	836.6	0.15	0.135	21.90	21.30	0.155	1.6
Right Tilt	RMC 12.2kbps	4183	836.6	0.04	0.070	21.90	21.30	0.080	1.6
Body back	RMC 12.2kbps	4183	836.6	0.05	0.082	21.90	21.30	0.094	1.6
Body front	RMC 12.2kbps	4183	836.6	0.01	0.162	21.90	21.30	0.186	1.6
Edge 2(Right)	RMC 12.2kbps	4183	836.6	0.09	0.065	21.90	21.30	0.075	1.6
Edge 3(Bottom)	RMC 12.2kbps	4183	836.6	0.11	0.024	21.90	21.30	0.028	1.6
Edge 4(Left)	RMC 12.2kbps	4183	836.6	0.16	0.071	21.90	21.30	0.082	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 51.8						
Product: POS terminal												
Test Mode: LTE Band 2												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB Allocation								
20	QPSK	Left Cheek	1	0	18900	1880	-0.07	0.121	21.70	21.18	0.136	1.6
		Left Tilt	1	0	18900	1880	0.11	0.102	21.70	21.18	0.115	1.6
		Right Cheek	1	0	18900	1880	-0.02	0.242	21.70	21.18	0.273	1.6
		Right Tilt	1	0	18900	1880	0.08	0.125	21.70	21.18	0.141	1.6
		Body back	1	0	18900	1880	0.17	0.248	21.70	21.18	0.280	1.6
		Body front	1	0	18900	1880	0.12	0.231	21.70	21.18	0.260	1.6
		Edge 2(Right)	1	0	18900	1880	0.14	0.165	21.70	21.18	0.186	1.6
		Edge 3(Bottom)	1	0	18900	1880	0.15	0.175	21.70	21.18	0.197	1.6
		Edge 4(Left)	1	0	18900	1880	0.18	0.083	21.70	21.18	0.094	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 54.3						
Product: POS terminal												
Test Mode: LTE Band 4												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Left Cheek	1	0	20175	1732.5	0.12	0.189	23.26	22.15	0.244	1.6
		Left Tilt	1	0	20175	1732.5	0.01	0.104	23.26	22.15	0.134	1.6
		Right Cheek	1	0	20175	1732.5	-0.19	0.296	23.26	22.15	0.382	1.6
		Right Tilt	1	0	20175	1732.5	0.06	0.125	23.26	22.15	0.161	1.6
		Body back	1	0	20175	1732.5	-0.11	0.282	23.26	22.15	0.364	1.6
		Body front	1	0	20175	1732.5	0.12	0.264	23.26	22.15	0.341	1.6
		Edge 2(Right)	1	0	20175	1732.5	0.13	0.143	23.26	22.15	0.185	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	0.11	0.170	23.26	22.15	0.220	1.6
		Edge 4(Left)	1	0	20175	1732.5	0.10	0.079	23.26	22.15	0.102	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 54.8						
Product: POS terminal												
Test Mode: LTE Band 5												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
10	QPSK	Left Cheek	1	0	20525	836.5	0.17	0.133	23.20	22.41	0.160	1.6
		Left Tilt	1	0	20525	836.5	0.15	0.059	23.20	22.41	0.071	1.6
		Right Cheek	1	0	20525	836.5	0.12	0.140	23.20	22.41	0.168	1.6
		Right Tilt	1	0	20525	836.5	0.04	0.080	23.20	22.41	0.096	1.6
		Body back	1	0	20525	836.5	0.07	0.075	23.20	22.41	0.090	1.6
		Body front	1	0	20525	836.5	0.06	0.164	23.20	22.41	0.197	1.6
		Edge 2(Right)	1	0	20525	836.5	-0.03	0.079	23.20	22.41	0.095	1.6
		Edge 3(Bottom)	1	0	20525	836.5	0.10	0.026	23.20	22.41	0.031	1.6
		Edge 4(Left)	1	0	20525	836.5	-0.04	0.074	23.20	22.41	0.089	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 52.4						
Product: POS terminal												
Test Mode: LTE Band 7												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Left Cheek	1	0	21100	2535	0.12	0.354	22.80	22.10	0.416	1.6
		Left Tilt	1	0	21100	2535	0.14	0.027	22.80	22.10	0.032	1.6
		Right Cheek	1	0	21100	2535	-0.10	0.376	22.80	22.10	0.442	1.6
		Right Tilt	1	0	21100	2535	0.11	0.024	22.80	22.10	0.028	1.6
		Body back	1	0	21100	2535	0.12	0.057	22.80	22.10	0.067	1.6
		Body front	1	0	21100	2535	0.14	0.288	22.80	22.10	0.338	1.6
		Edge 2(Right)	1	0	21100	2535	0.16	0.012	22.80	22.10	0.014	1.6
		Edge 3(Bottom)	1	0	21100	2535	0.13	0.271	22.80	22.10	0.318	1.6
		Edge 4(Left)	1	0	21100	2535	0.08	0.005	22.80	22.10	0.006	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 50.6						
Product: POS terminal												
Test Mode: LTE Band 12												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
10	QPSK	Left Cheek	1	0	23095	707.5	0.11	0.090	24.00	22.69	0.122	1.6
		Left Tilt	1	0	23095	707.5	0.07	0.043	24.00	22.69	0.058	1.6
		Right Cheek	1	0	23095	707.5	0.05	0.102	24.00	22.69	0.138	1.6
		Right Tilt	1	0	23095	707.5	0.17	0.048	24.00	22.69	0.065	1.6
		Body back	1	0	23095	707.5	-0.02	0.073	24.00	22.69	0.099	1.6
		Body front	1	0	23095	707.5	0.08	0.145	24.00	22.69	0.196	1.6
		Edge 2(Right)	1	0	23095	707.5	0.13	0.075	24.00	22.69	0.101	1.6
		Edge 3(Bottom)	1	0	23095	707.5	-0.01	0.019	24.00	22.69	0.026	1.6
		Edge 4(Left)	1	0	23095	707.5	0.03	0.077	24.00	22.69	0.104	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 50.6						
Product: POS terminal												
Test Mode: LTE Band 17												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2 \text{ dB}$)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
10	QPSK	Left Cheek	1	0	23790	710	-0.06	0.086	22.90	22.63	0.092	1.6
		Left Tilt	1	0	23790	710	0.05	0.041	22.90	22.63	0.044	1.6
		Right Cheek	1	0	23790	710	0.17	0.097	22.90	22.63	0.103	1.6
		Right Tilt	1	0	23790	710	0.19	0.043	22.90	22.63	0.046	1.6
		Body back	1	0	23790	710	0.02	0.075	22.90	22.63	0.080	1.6
		Body front	1	0	23790	710	0.05	0.140	22.90	22.63	0.149	1.6
		Edge 2(Right)	1	0	23790	710	-0.13	0.073	22.90	22.63	0.078	1.6
		Edge 3(Bottom)	1	0	23790	710	0.19	0.012	22.90	22.63	0.013	1.6
		Edge 4(Left)	1	0	23790	710	-0.11	0.073	22.90	22.63	0.078	1.6

Note:

- When the 1-g Reported SAR is $\leq 0.8 \text{ W/kg}$, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

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