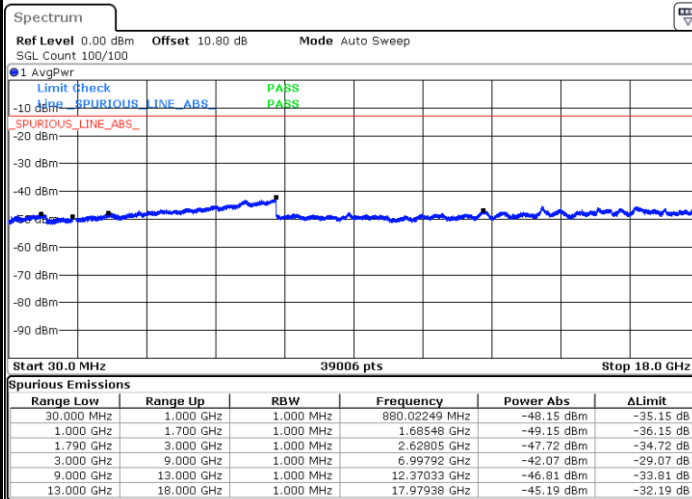




Conducted Spurious Emission

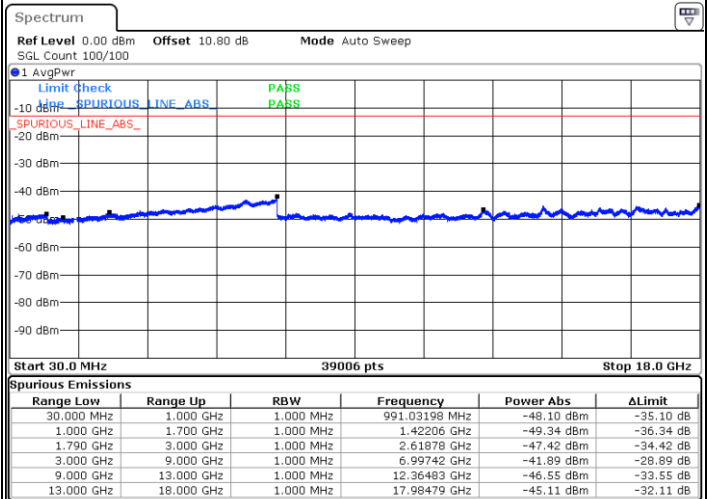
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



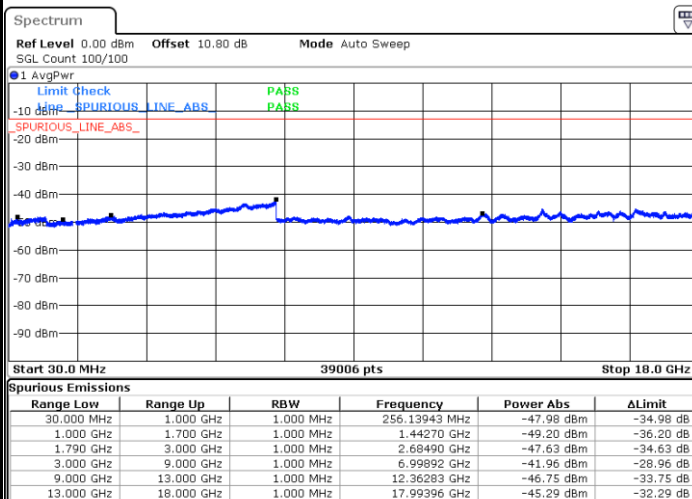
Date: 27.MAR.2020 15:54:44

Lowest Channel / 16QAM



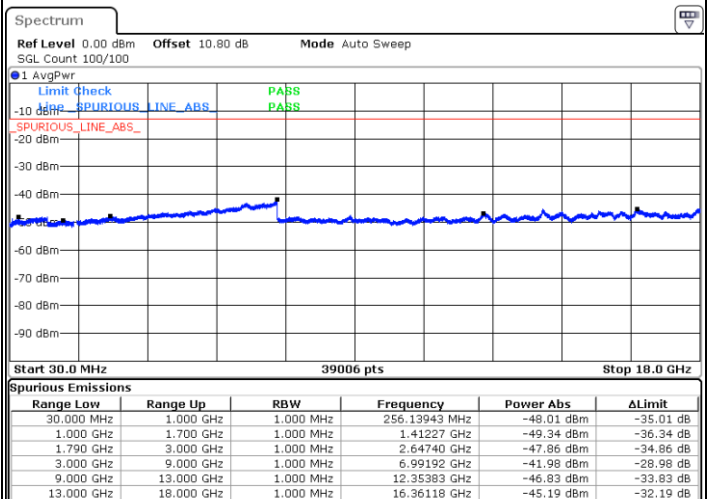
Date: 27.MAR.2020 15:55:33

Middle Channel / QPSK



Date: 27.MAR.2020 15:57:12

Middle Channel / 16QAM

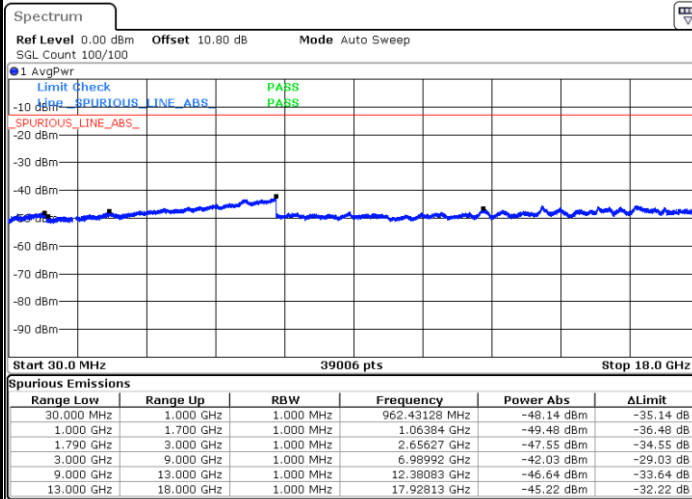


Date: 27.MAR.2020 15:58:02



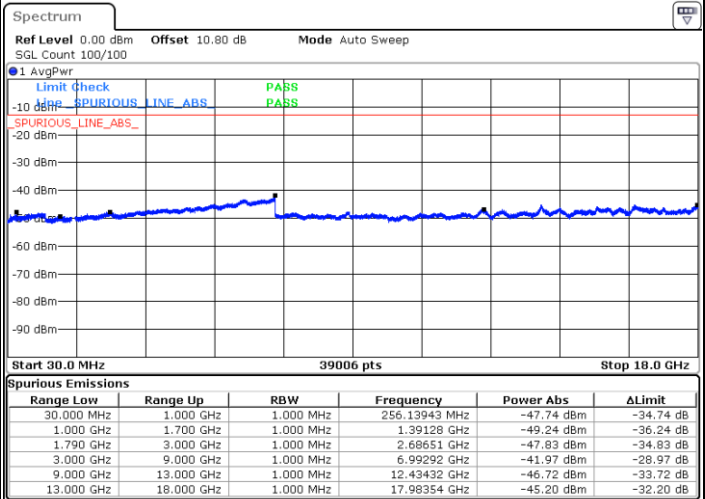
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 27.MAR.2020 16:51:47

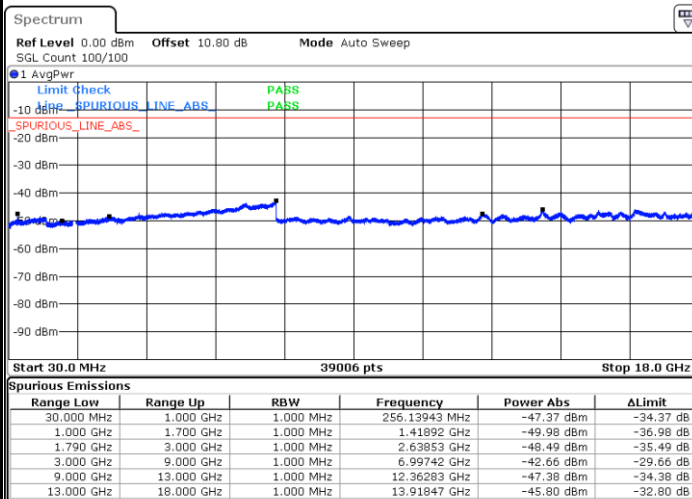
Highest Channel / 16QAM



Date: 27.MAR.2020 16:52:38

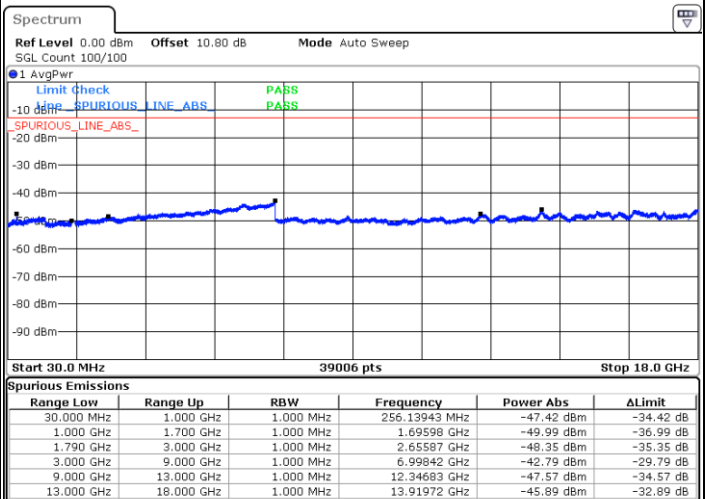
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 26.MAR.2020 16:10:44

Lowest Channel / 16QAM

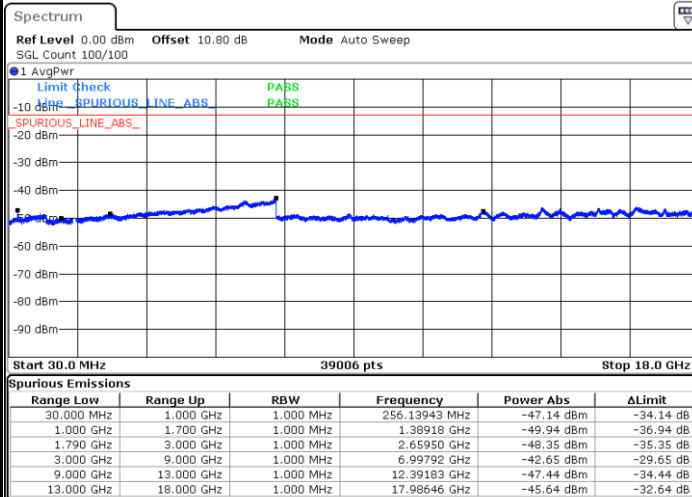


Date: 26.MAR.2020 16:11:33



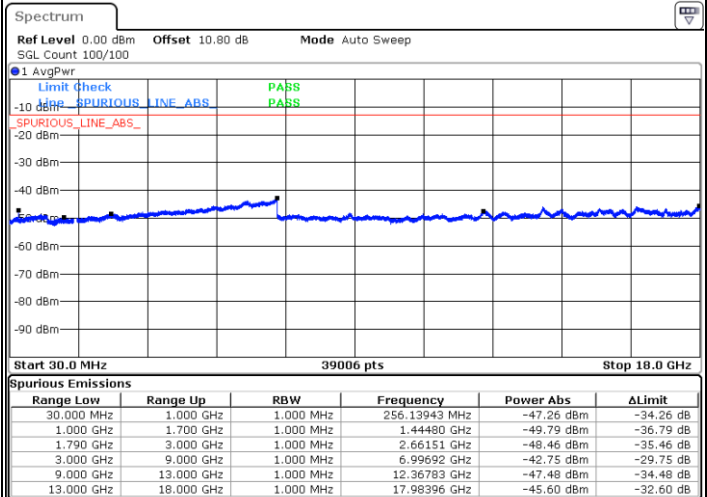
LTE Band 66 / 3MHz

Middle Channel / QPSK



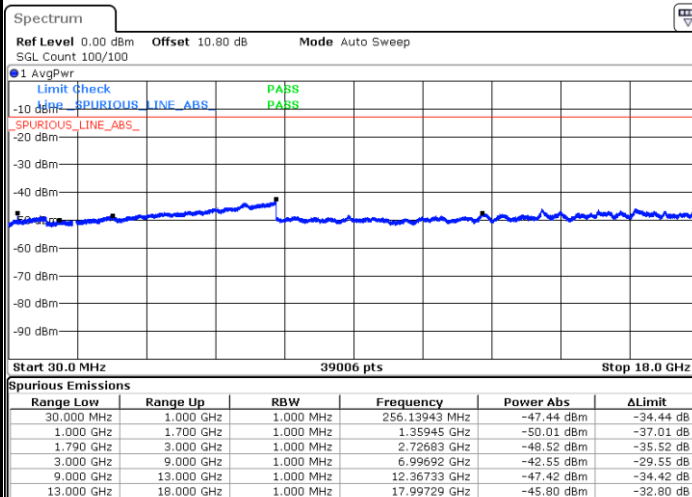
Date: 26.MAR.2020 16:13:11

Middle Channel / 16QAM



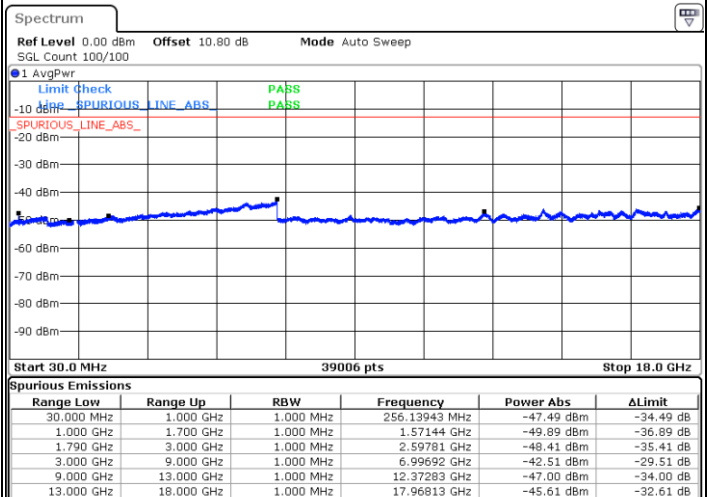
Date: 26.MAR.2020 16:14:01

Highest Channel / QPSK



Date: 26.MAR.2020 16:18:16

Highest Channel / 16QAM

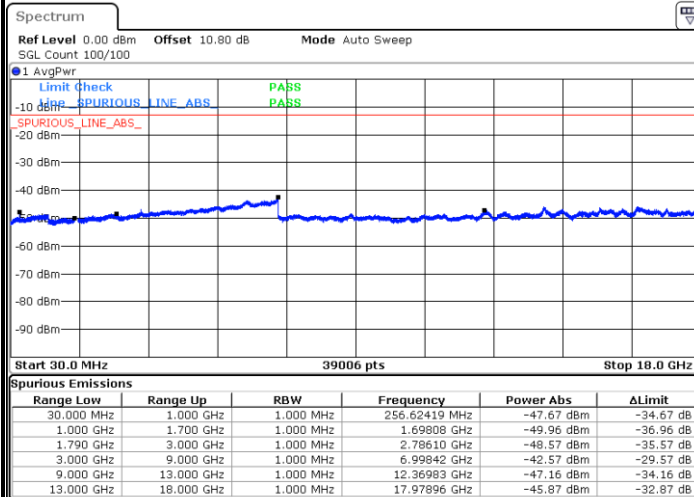


Date: 26.MAR.2020 16:19:05



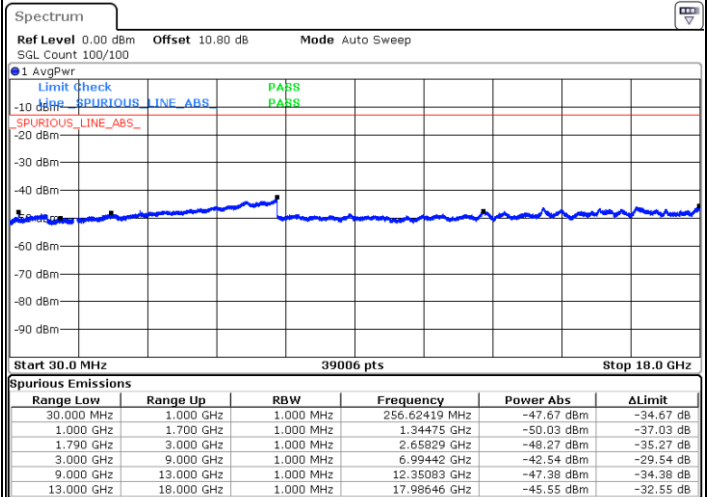
LTE Band 66 / 5MHz

Lowest Channel / QPSK



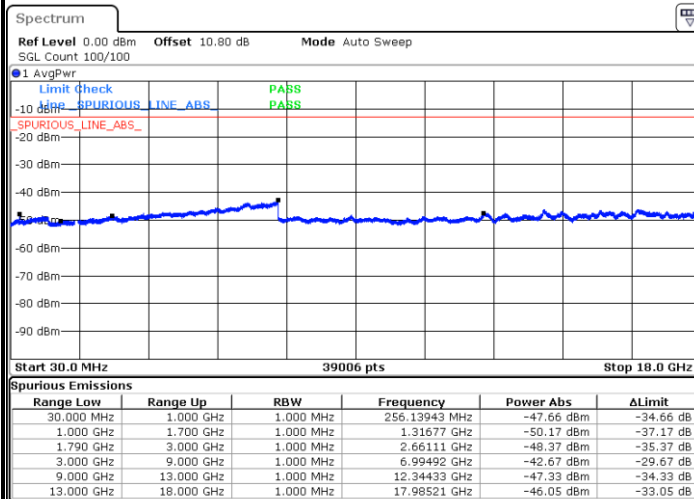
Date: 26.MAR.2020 16:35:58

Lowest Channel / 16QAM



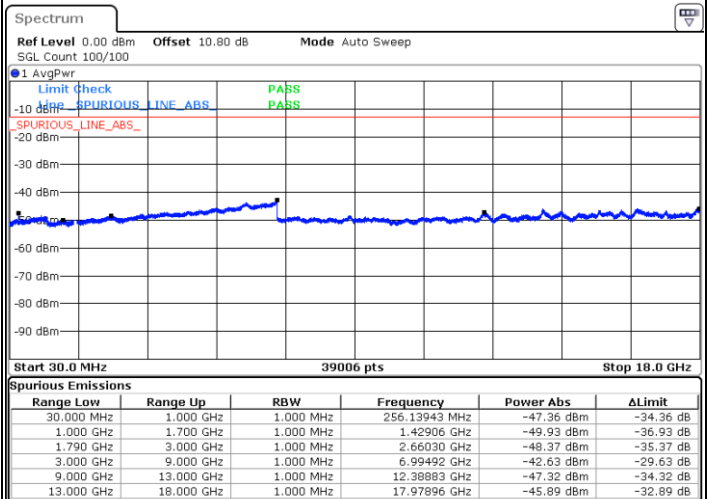
Date: 26.MAR.2020 16:36:47

Middle Channel / QPSK



Date: 26.MAR.2020 16:38:25

Middle Channel / 16QAM

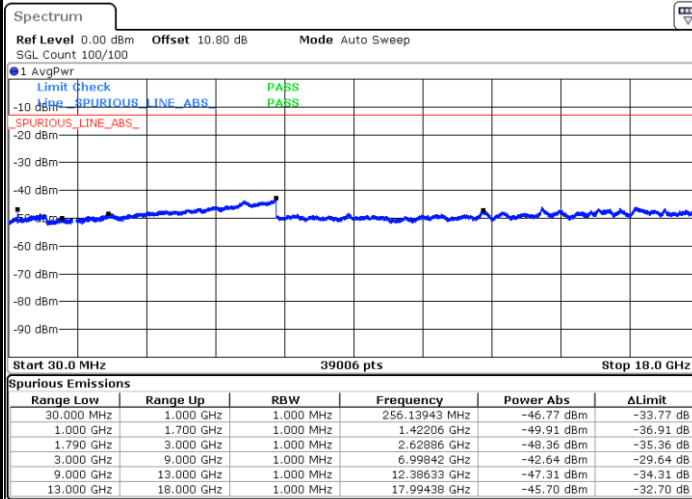


Date: 26.MAR.2020 16:39:14



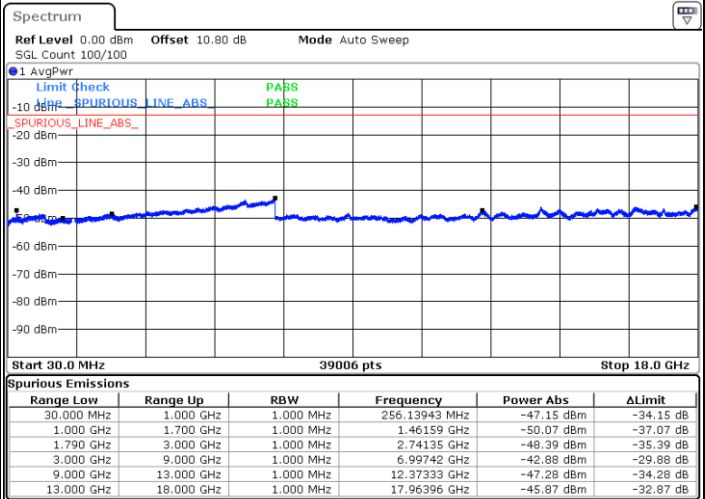
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 26.MAR.2020 16:43:30

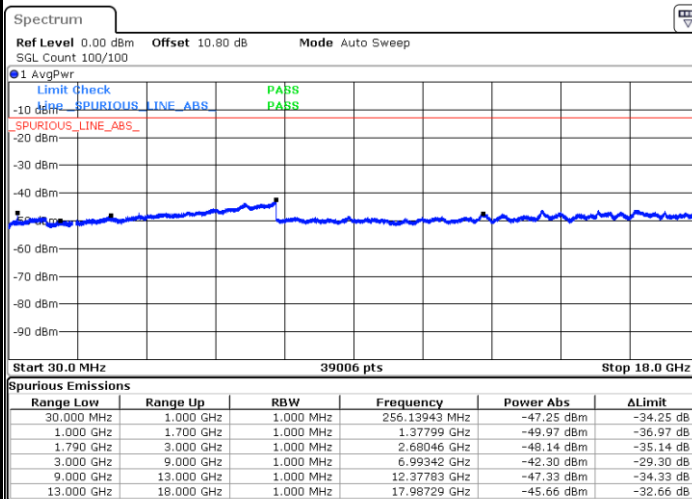
Highest Channel / 16QAM



Date: 26.MAR.2020 16:44:19

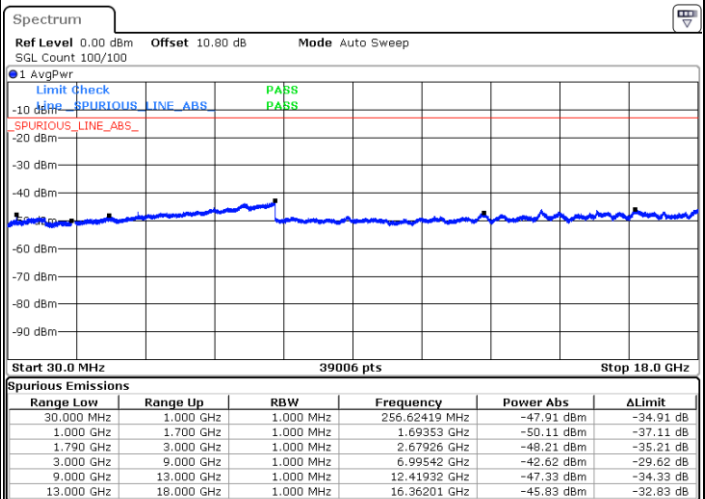
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 26.MAR.2020 16:48:35

Lowest Channel / 16QAM

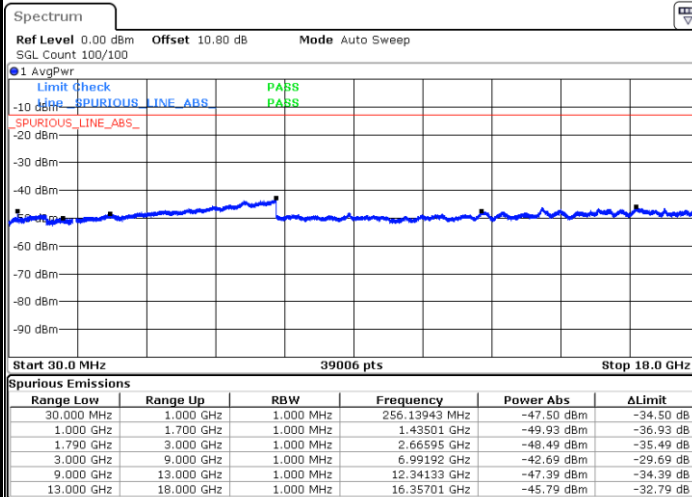


Date: 26.MAR.2020 16:49:25



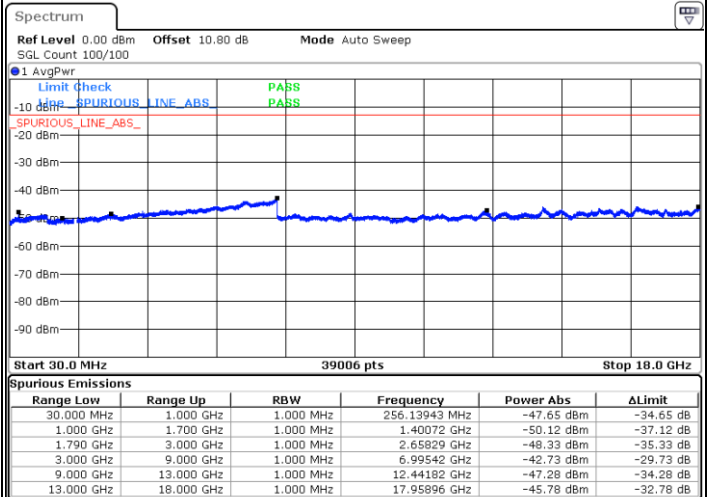
LTE Band 66 / 10MHz

Middle Channel / QPSK



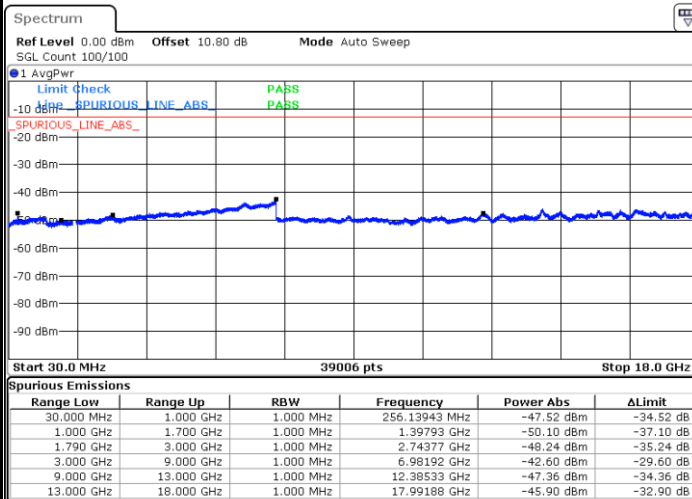
Date: 26.MAR.2020 16:51:02

Middle Channel / 16QAM



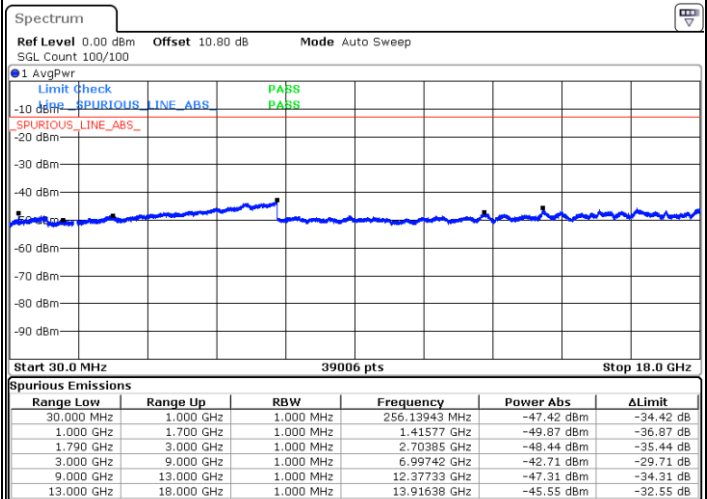
Date: 26.MAR.2020 16:51:52

Highest Channel / QPSK



Date: 26.MAR.2020 16:56:07

Highest Channel / 16QAM

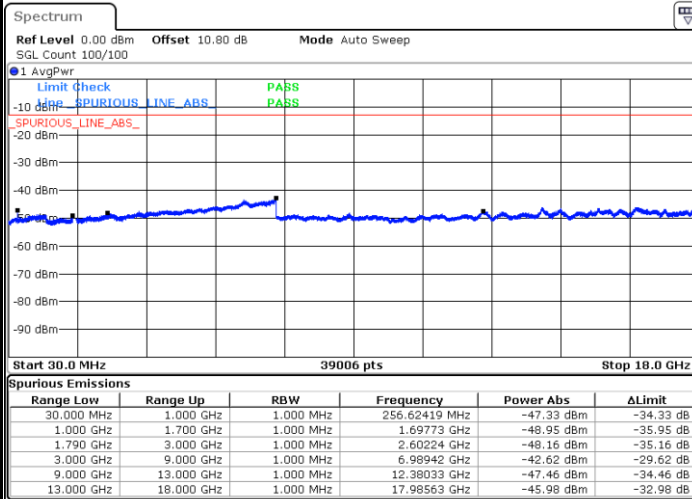


Date: 26.MAR.2020 16:56:57



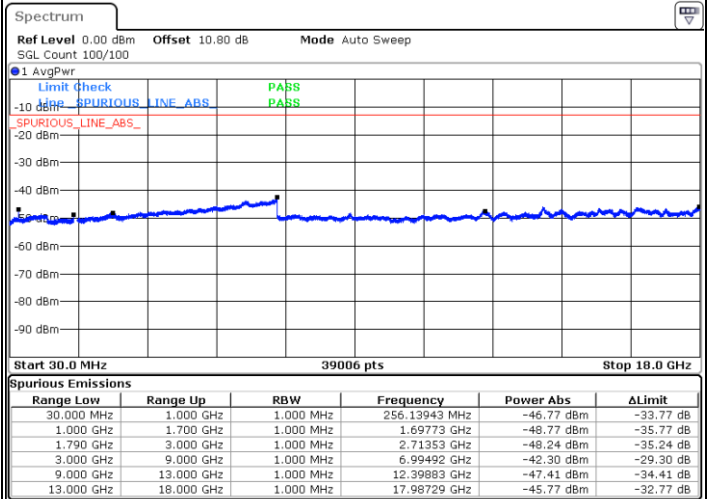
LTE Band 66 / 15MHz

Lowest Channel / QPSK



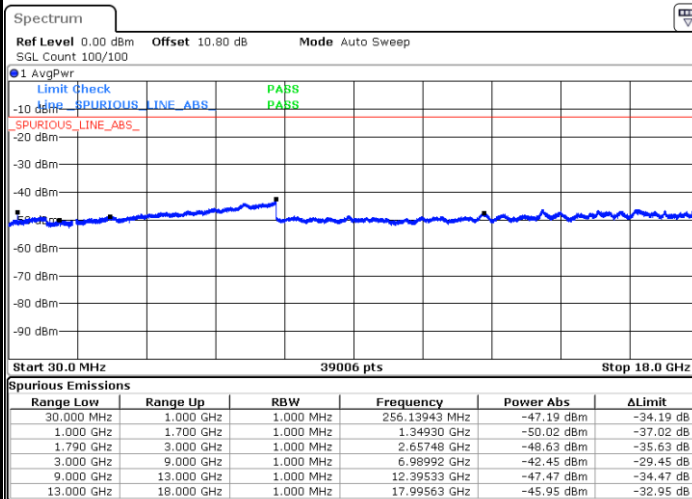
Date: 26.MAR.2020 17:13:48

Lowest Channel / 16QAM



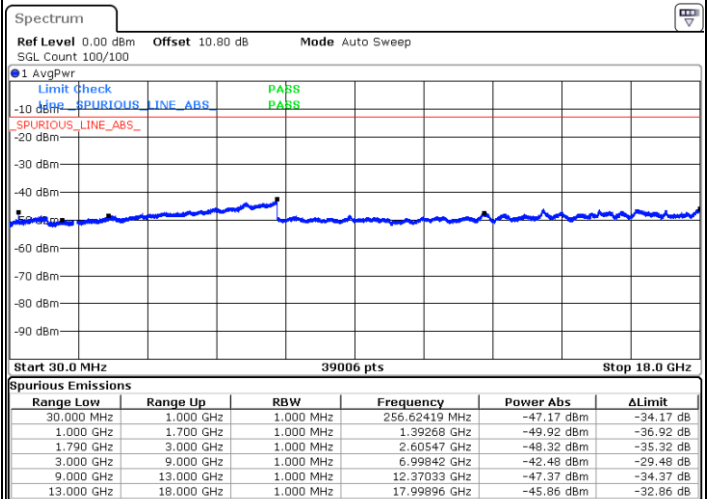
Date: 26.MAR.2020 17:14:38

Middle Channel / QPSK



Date: 26.MAR.2020 17:16:15

Middle Channel / 16QAM

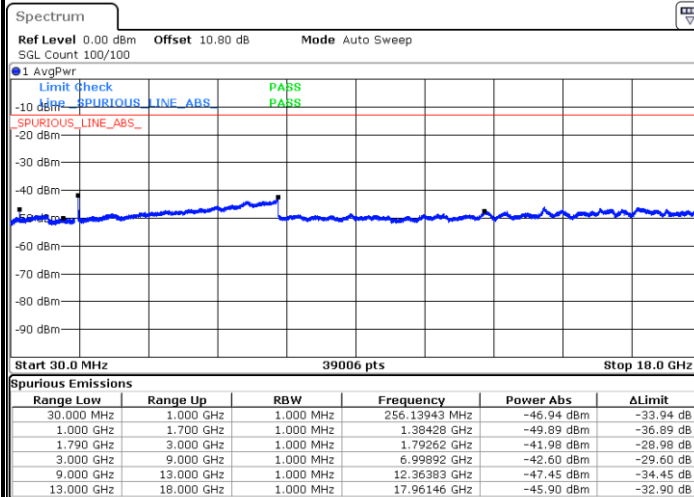


Date: 26.MAR.2020 17:17:04



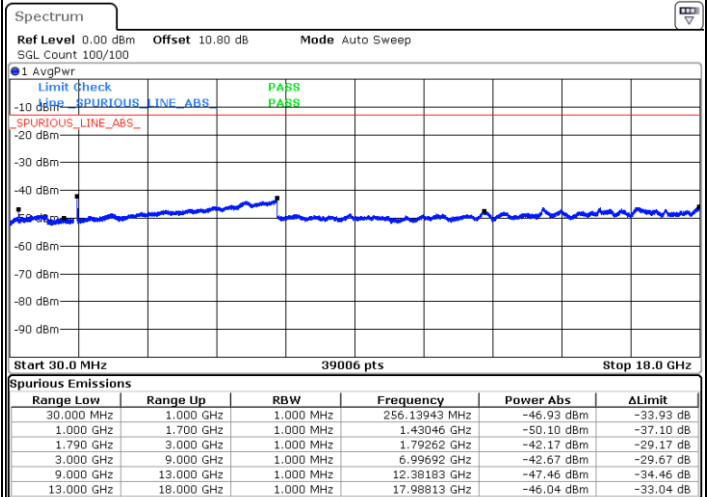
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 26.MAR.2020 17:21:19

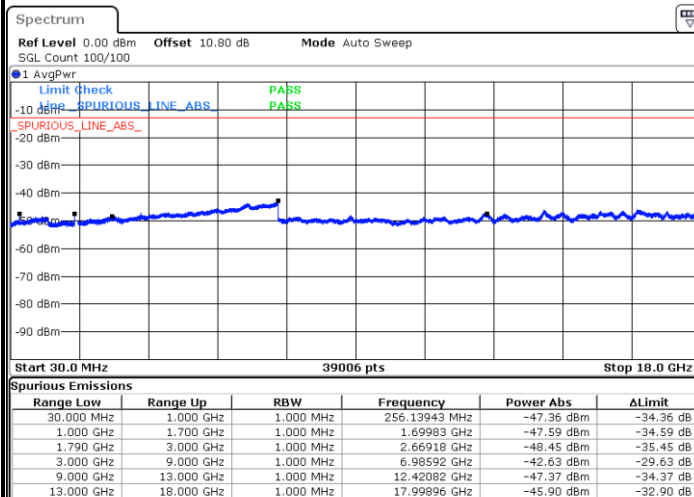
Highest Channel / 16QAM



Date: 26.MAR.2020 17:22:08

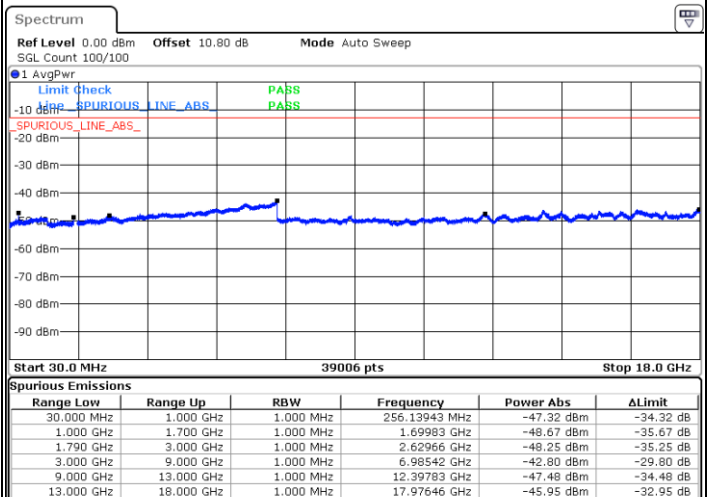
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 26.MAR.2020 17:26:24

Lowest Channel / 16QAM

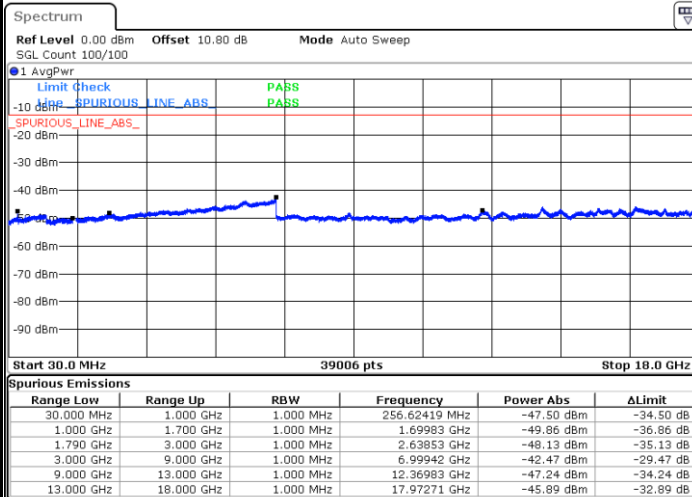


Date: 26.MAR.2020 17:27:13



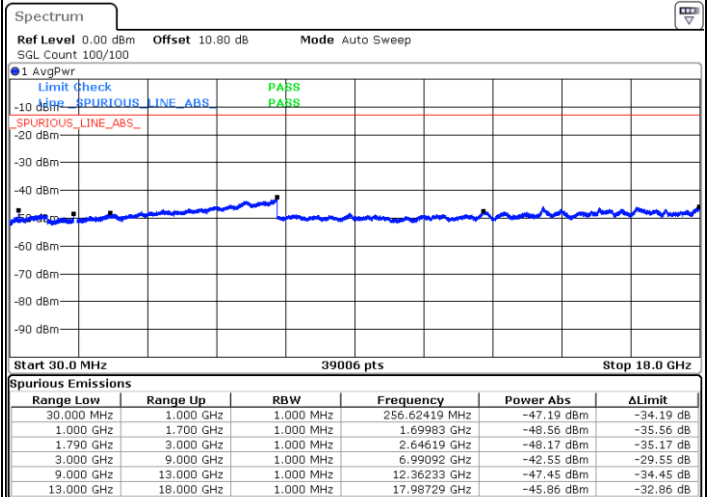
LTE Band 66 / 20MHz

Middle Channel / QPSK



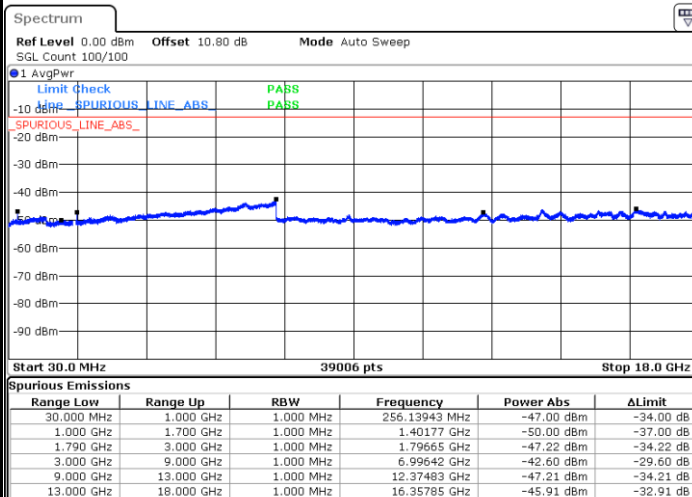
Date: 26.MAR.2020 17:28:51

Middle Channel / 16QAM



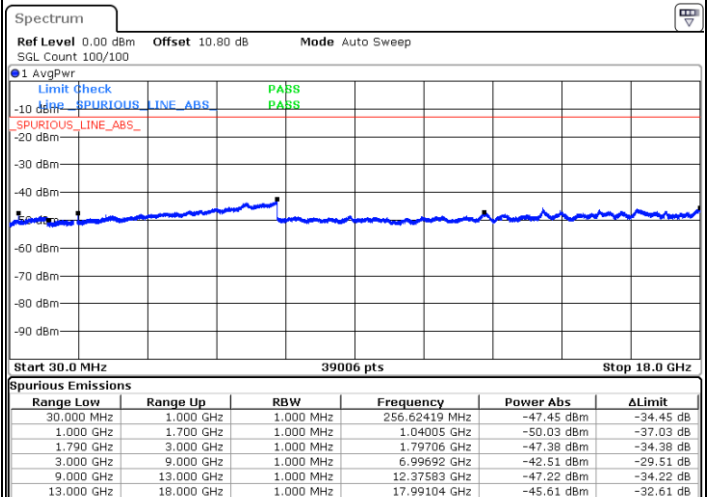
Date: 26.MAR.2020 17:29:40

Highest Channel / QPSK



Date: 26.MAR.2020 17:33:55

Highest Channel / 16QAM

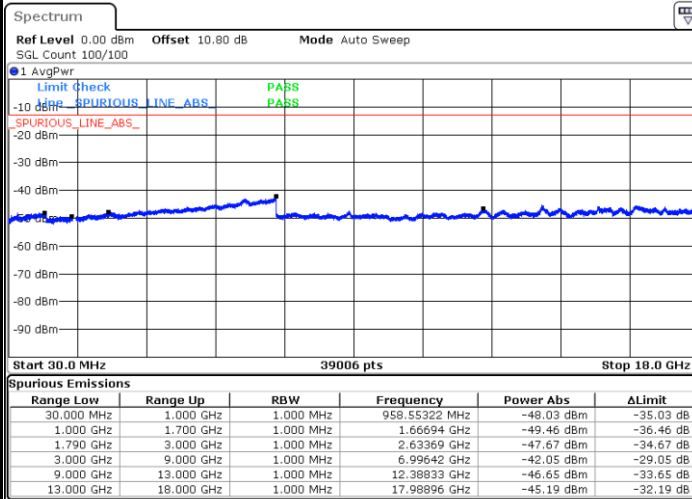


Date: 26.MAR.2020 17:34:44



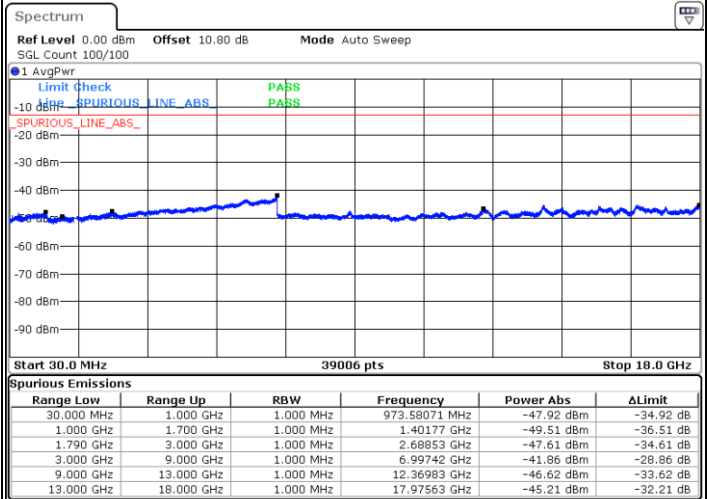
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



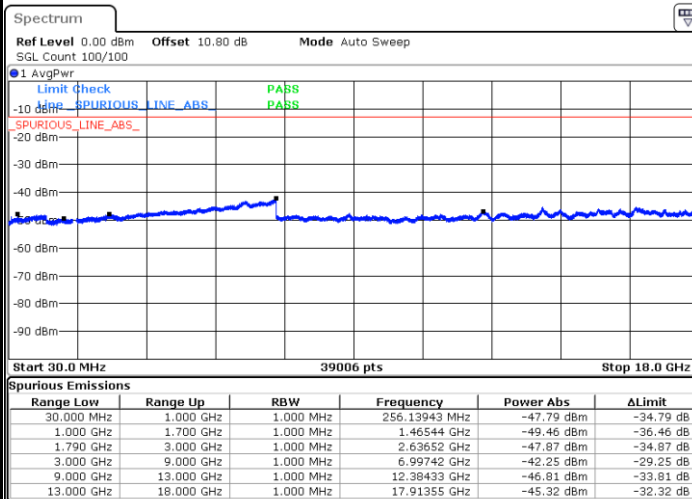
Date: 27.MAR.2020 16:55:59

Middle Channel / 64QAM



Date: 27.MAR.2020 16:57:13

Highest Channel / 64QAM

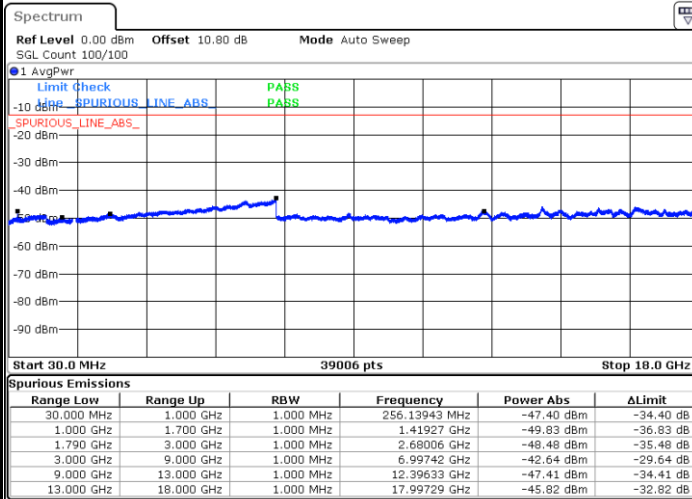


Date: 27.MAR.2020 16:03:28



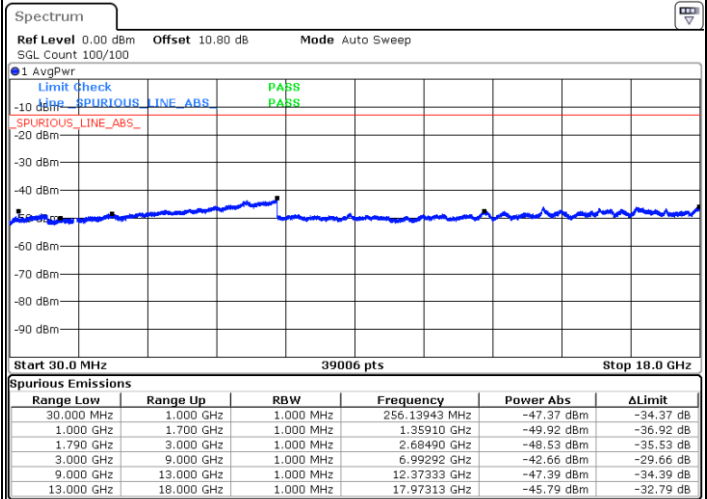
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



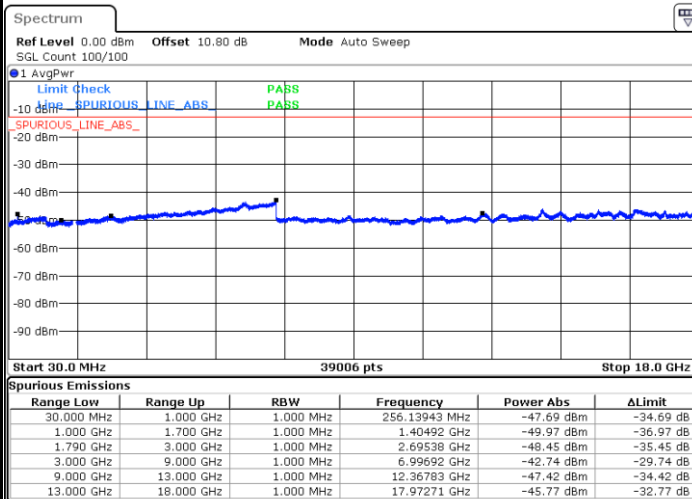
Date: 26.MAR.2020 16:21:38

Middle Channel / 64QAM



Date: 26.MAR.2020 16:22:51

Highest Channel / 64QAM

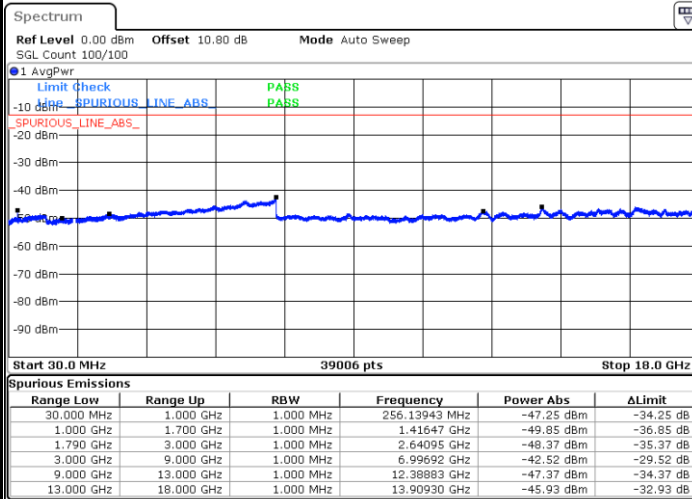


Date: 26.MAR.2020 16:25:24



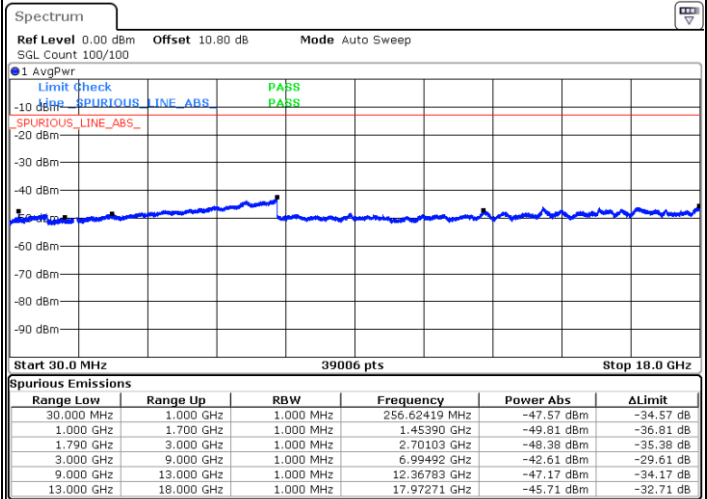
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



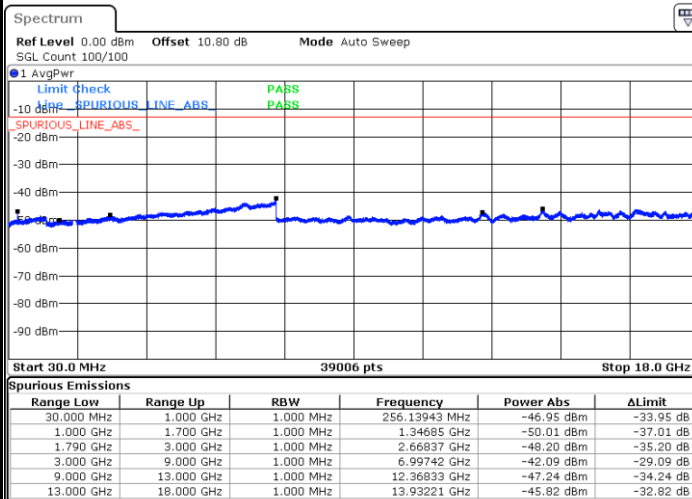
Date: 26.MAR.2020 16:27:56

Middle Channel / 64QAM



Date: 26.MAR.2020 16:29:10

Highest Channel / 64QAM

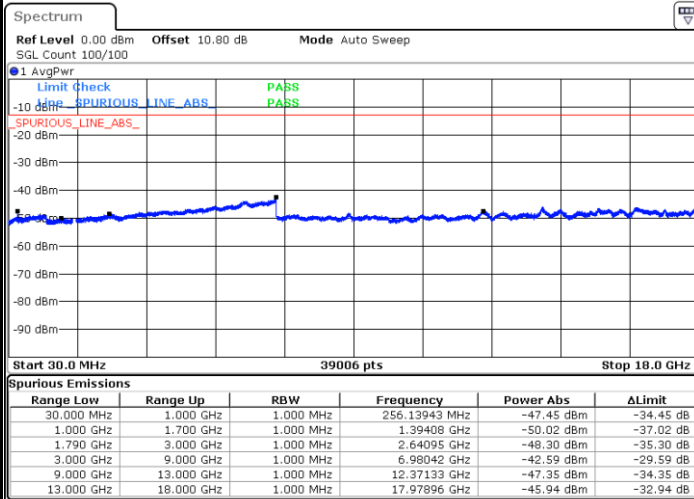


Date: 26.MAR.2020 16:31:42



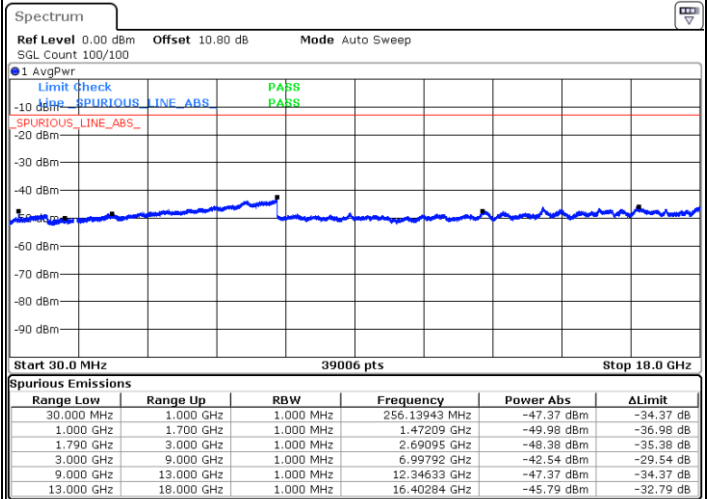
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



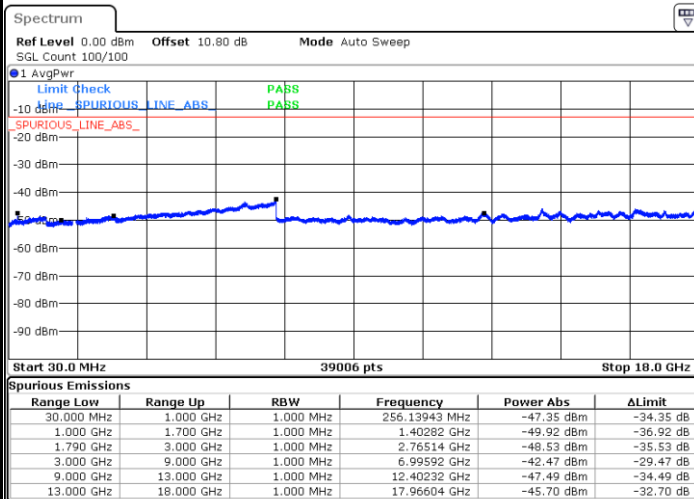
Date: 26.MAR.2020 16:59:29

Middle Channel / 64QAM



Date: 26.MAR.2020 17:00:42

Highest Channel / 64QAM

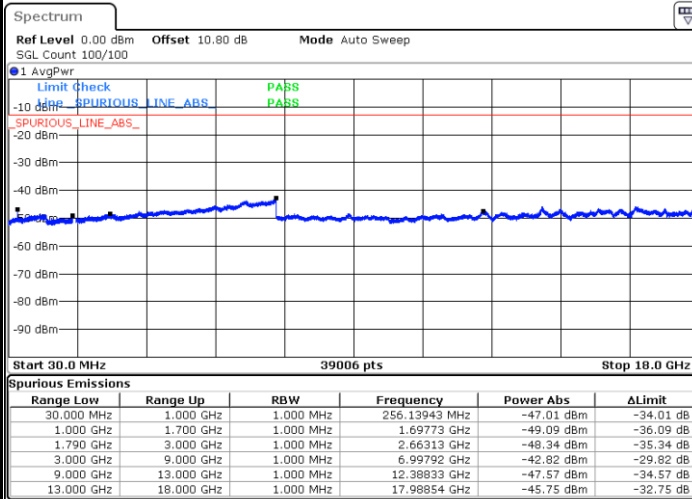


Date: 26.MAR.2020 17:03:14



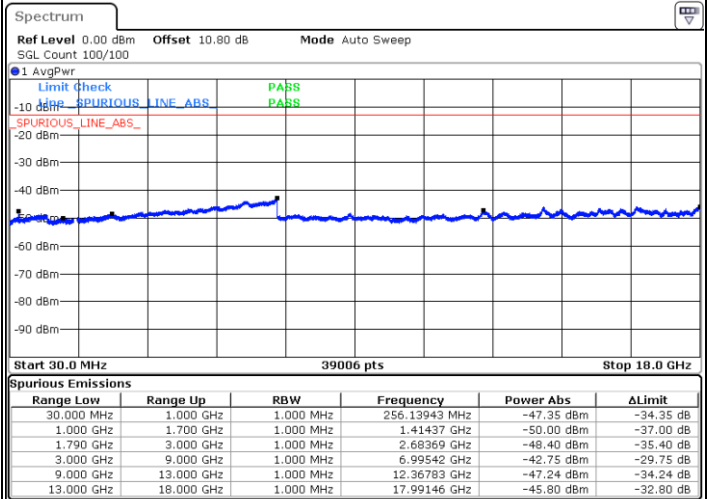
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



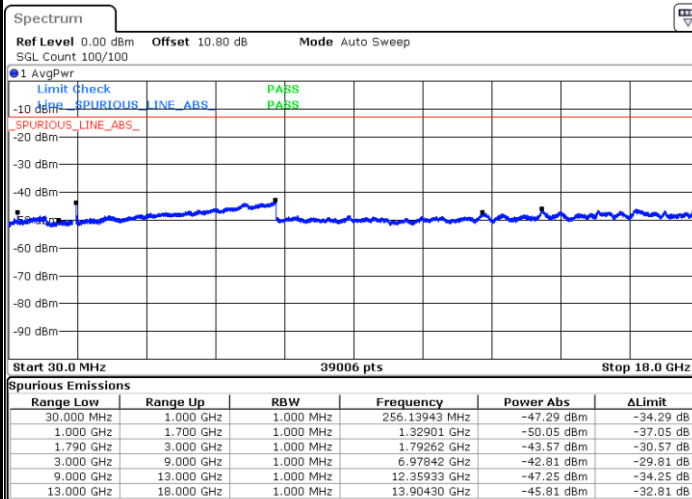
Date: 26.MAR.2020 17:05:47

Middle Channel / 64QAM



Date: 26.MAR.2020 17:07:01

Highest Channel / 64QAM

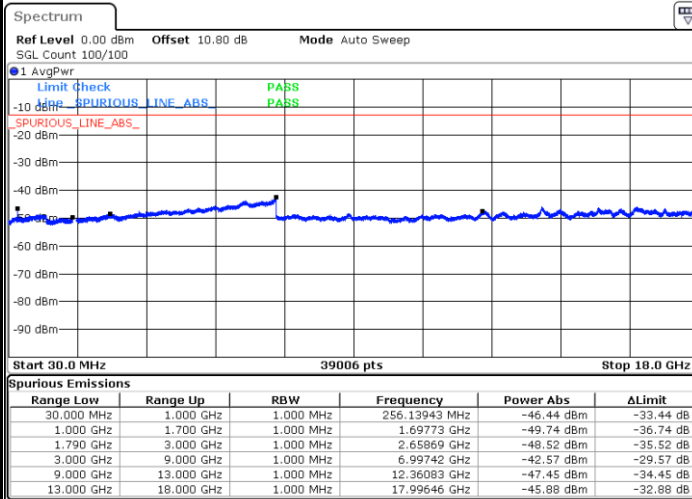


Date: 26.MAR.2020 17:09:33



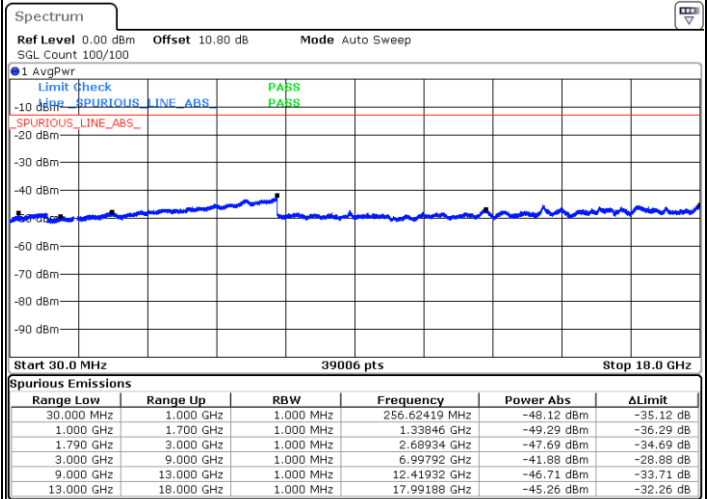
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



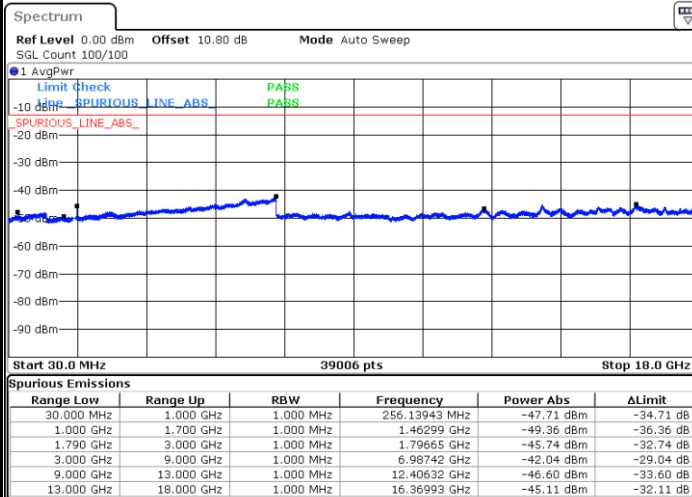
Date: 26.MAR.2020 17:37:17

Middle Channel / 64QAM



Date: 27.MAR.2020 15:11:42

Highest Channel / 64QAM



Date: 27.MAR.2020 15:14:17

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.24	0.2655	27.34	0.5420
Middle		1	0	24.26	0.2667	27.36	0.5445
Highest		1	0	24.36	0.2729	27.46	0.5572
Lowest	16QAM	1	0	23.41	0.2193	26.51	0.4477
Middle		1	0	23.48	0.2228	26.58	0.4550
Highest		1	0	23.43	0.2203	26.53	0.4498
Lowest	64QAM	1	0	22.24	0.1675	25.34	0.3420
Middle		1	0	22.27	0.1687	25.37	0.3443
Highest		1	0	22.45	0.1758	25.55	0.3589
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.10	0.2570	27.20	0.5248
Middle		1	0	24.38	0.2742	27.48	0.5598
Highest		1	0	24.27	0.2673	27.37	0.5458
Lowest	16QAM	1	0	23.27	0.2123	26.37	0.4335
Middle		1	0	23.45	0.2213	26.55	0.4519
Highest		1	0	23.25	0.2113	26.35	0.4315
Lowest	64QAM	1	0	22.24	0.1675	25.34	0.3420
Middle		1	0	22.46	0.1762	25.56	0.3597
Highest		1	0	22.42	0.1746	25.52	0.3565
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.16	0.2606	27.26	0.5321
Middle		1	0	24.33	0.2710	27.43	0.5534
Highest		1	0	24.30	0.2692	27.40	0.5495
Lowest	16QAM	1	0	23.42	0.2198	26.52	0.4487
Middle		1	0	23.44	0.2208	26.54	0.4508
Highest		1	0	23.40	0.2188	26.50	0.4467
Lowest	64QAM	1	24	22.36	0.1722	25.46	0.3516
Middle		1	24	22.45	0.1758	25.55	0.3589
Highest		1	24	21.23	0.1327	24.33	0.2710
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.24	0.2655	27.34	0.5420
Middle		1	0	24.36	0.2729	27.46	0.5572
Highest		1	0	24.31	0.2698	27.41	0.5508
Lowest	16QAM	1	0	23.26	0.2118	26.36	0.4325
Middle		1	0	23.47	0.2223	26.57	0.4539
Highest		1	0	23.40	0.2188	26.50	0.4467
Lowest	64QAM	1	49	22.46	0.1762	25.56	0.3597
Middle		1	49	22.27	0.1687	25.37	0.3443
Highest		1	49	21.19	0.1315	24.29	0.2685
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.15	0.2600	27.25	0.5309
Middle		1	0	24.20	0.2630	27.30	0.5370
Highest		1	0	24.25	0.2661	27.35	0.5433
Lowest	16QAM	1	37	23.48	0.2228	26.58	0.4550
Middle		1	37	23.28	0.2128	26.38	0.4345
Highest		1	37	23.31	0.2143	26.41	0.4375
Lowest	64QAM	1	74	22.48	0.1770	25.58	0.3614
Middle		1	74	22.43	0.1750	25.53	0.3573
Highest		1	74	21.23	0.1327	24.33	0.2710
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.30	0.2692	27.40	0.5495
Middle		1	0	24.40	0.2754	27.50	0.5623
Highest		1	0	24.42	0.2767	27.52	0.5649
Lowest	16QAM	1	49	23.49	0.2234	26.59	0.4560
Middle		1	49	23.47	0.2223	26.57	0.4539
Highest		1	49	23.46	0.2218	26.56	0.4529
Lowest	64QAM	1	99	22.49	0.1774	25.59	0.3622
Middle		1	99	22.45	0.1758	25.55	0.3589
Highest		1	99	21.28	0.1343	24.38	0.2742
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	26.95	0.4955
Middle		1	0	23.94	0.2477	27.04	0.5058
Highest		1	0	24.21	0.2636	27.31	0.5383
Lowest	16QAM	1	3	23.17	0.2075	26.27	0.4236
Middle		1	3	23.37	0.2173	26.47	0.4436
Highest		1	3	23.30	0.2138	26.40	0.4365
Lowest	64QAM	1	3	22.15	0.1641	25.25	0.3350
Middle		1	3	22.33	0.1710	25.43	0.3491
Highest		1	3	22.28	0.1690	25.38	0.3451
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.98	0.2500	27.08	0.5105
Middle		1	8	23.99	0.2506	27.09	0.5117
Highest		1	8	24.20	0.2630	27.30	0.5370
Lowest	16QAM	1	8	23.29	0.2133	26.39	0.4355
Middle		1	8	23.37	0.2173	26.47	0.4436
Highest		1	8	23.44	0.2208	26.54	0.4508
Lowest	64QAM	1	8	22.24	0.1675	25.34	0.3420
Middle		1	8	22.37	0.1726	25.47	0.3524
Highest		1	8	22.26	0.1683	25.36	0.3436
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.91	0.2460	27.01	0.5023
Middle		1	12	24.07	0.2553	27.17	0.5212
Highest		1	12	24.19	0.2624	27.29	0.5358
Lowest	16QAM	1	0	23.17	0.2075	26.27	0.4236
Middle		1	0	23.29	0.2133	26.39	0.4355
Highest		1	0	23.34	0.2158	26.44	0.4406
Lowest	64QAM	1	12	22.24	0.1675	25.34	0.3420
Middle		1	12	22.29	0.1694	25.39	0.3459
Highest		1	12	22.44	0.1754	25.54	0.3581
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	26.95	0.4955
Middle		1	0	23.93	0.2472	27.03	0.5047
Highest		1	0	24.11	0.2576	27.21	0.5260
Lowest	16QAM	1	25	23.29	0.2133	26.39	0.4355
Middle		1	25	23.40	0.2188	26.50	0.4467
Highest		1	25	23.44	0.2208	26.54	0.4508
Lowest	64QAM	1	0	22.19	0.1656	25.29	0.3381
Middle		1	0	22.28	0.1690	25.38	0.3451
Highest		1	0	22.34	0.1714	25.44	0.3499
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.03	0.2529	27.13	0.5164
Middle		1	37	24.02	0.2523	27.12	0.5152
Highest		1	37	24.18	0.2618	27.28	0.5346
Lowest	16QAM	1	74	23.21	0.2094	26.31	0.4276
Middle		1	74	23.30	0.2138	26.40	0.4365
Highest		1	74	23.43	0.2203	26.53	0.4498
Lowest	64QAM	1	37	22.09	0.1618	25.19	0.3304
Middle		1	37	22.25	0.1679	25.35	0.3428
Highest		1	37	22.45	0.1758	25.55	0.3589
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.06	0.2547	27.16	0.5200
Middle		1	0	24.15	0.2600	27.25	0.5309
Highest		1	0	24.24	0.2655	27.34	0.5420
Lowest	16QAM	1	49	23.35	0.2163	26.45	0.4416
Middle		1	49	23.44	0.2208	26.54	0.4508
Highest		1	49	23.48	0.2228	26.58	0.4550
Lowest	64QAM	1	49	22.28	0.1690	25.38	0.3451
Middle		1	49	22.43	0.1750	25.53	0.3573
Highest		1	49	22.46	0.1762	25.56	0.3597
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	27.51	0.5636
Middle		1	0	24.44	0.2780	27.54	0.5675
Highest		1	0	24.36	0.2729	27.46	0.5572
Lowest	16QAM	1	5	23.31	0.2143	26.41	0.4375
Middle		1	5	23.15	0.2065	26.25	0.4217
Highest		1	5	23.44	0.2208	26.54	0.4508
Lowest	64QAM	1	0	22.29	0.1694	25.39	0.3459
Middle		1	0	22.48	0.1770	25.58	0.3614
Highest		1	0	22.15	0.1641	25.25	0.3350
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	27.51	0.5636
Middle		1	0	24.32	0.2704	27.42	0.5521
Highest		1	0	24.45	0.2786	27.55	0.5689
Lowest	16QAM	1	8	23.33	0.2153	26.43	0.4395
Middle		1	8	23.33	0.2153	26.43	0.4395
Highest		1	8	23.47	0.2223	26.57	0.4539
Lowest	64QAM	1	8	22.32	0.1706	25.42	0.3483
Middle		1	8	22.47	0.1766	25.57	0.3606
Highest		1	8	22.37	0.1726	25.47	0.3524
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.31	0.2698	27.41	0.5508
Middle		1	0	24.44	0.2780	27.54	0.5675
Highest		1	0	24.46	0.2793	27.56	0.5702
Lowest	16QAM	1	0	23.47	0.2223	26.57	0.4539
Middle		1	0	23.33	0.2153	26.43	0.4395
Highest		1	0	23.16	0.2070	26.26	0.4227
Lowest	64QAM	1	12	22.41	0.1742	25.51	0.3556
Middle		1	12	22.50	0.1778	25.60	0.3631
Highest		1	12	22.43	0.1750	25.53	0.3573
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.28	0.2679	27.38	0.5470
Middle		1	0	24.38	0.2742	27.48	0.5598
Highest		1	0	24.36	0.2729	27.46	0.5572
Lowest	16QAM	1	0	23.44	0.2208	26.54	0.4508
Middle		1	0	23.43	0.2203	26.53	0.4498
Highest		1	0	23.19	0.2084	26.29	0.4256
Lowest	64QAM	1	0	22.27	0.1687	25.37	0.3443
Middle		1	0	22.37	0.1726	25.47	0.3524
Highest		1	0	22.27	0.1687	25.37	0.3443
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.39	0.2748	27.49	0.5610
Middle		1	0	24.45	0.2786	27.55	0.5689
Highest		1	0	24.43	0.2773	27.53	0.5662
Lowest	16QAM	1	0	23.49	0.2234	26.59	0.4560
Middle		1	0	23.33	0.2153	26.43	0.4395
Highest		1	0	23.28	0.2128	26.38	0.4345
Lowest	64QAM	1	0	22.26	0.1683	25.36	0.3436
Middle		1	0	22.46	0.1762	25.56	0.3597
Highest		1	0	22.25	0.1679	25.35	0.3428
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	27.57	0.5715
Middle		1	0	24.45	0.2786	27.55	0.5689
Highest		1	0	24.48	0.2805	27.58	0.5728
Lowest	16QAM	1	0	23.50	0.2239	26.60	0.4571
Middle		1	0	23.49	0.2234	26.59	0.4560
Highest		1	0	23.35	0.2163	26.45	0.4416
Lowest	64QAM	1	49	22.44	0.1754	25.54	0.3581
Middle		1	49	22.50	0.1778	25.60	0.3631
Highest		1	49	22.50	0.1778	25.60	0.3631
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.85	0.3055	24.10	0.2570
Middle		1	0	24.65	0.2917	23.90	0.2455
Highest		1	0	24.79	0.3013	24.04	0.2535
Lowest	16QAM	1	5	23.93	0.2472	23.18	0.2080
Middle		1	5	23.88	0.2443	23.13	0.2056
Highest		1	5	23.96	0.2489	23.21	0.2094
Lowest	64QAM	1	5	22.89	0.1945	22.14	0.1637
Middle		1	5	22.81	0.1910	22.06	0.1607
Highest		1	5	22.97	0.1982	22.22	0.1667
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.88	0.3076	24.13	0.2588
Middle		1	14	24.74	0.2979	23.99	0.2506
Highest		1	14	24.64	0.2911	23.89	0.2449
Lowest	16QAM	1	8	23.92	0.2466	23.17	0.2075
Middle		1	8	23.84	0.2421	23.09	0.2037
Highest		1	8	23.93	0.2472	23.18	0.2080
Lowest	64QAM	1	14	22.94	0.1968	22.19	0.1656
Middle		1	14	22.80	0.1905	22.05	0.1603
Highest		1	14	22.84	0.1923	22.09	0.1618
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.86	0.3062	24.11	0.2576
Middle		1	0	24.78	0.3006	24.03	0.2529
Highest		1	0	24.82	0.3034	24.07	0.2553
Lowest	16QAM	1	24	23.80	0.2399	23.05	0.2018
Middle		1	24	23.91	0.2460	23.16	0.2070
Highest		1	24	23.80	0.2399	23.05	0.2018
Lowest	64QAM	1	12	22.81	0.1910	22.06	0.1607
Middle		1	12	22.73	0.1875	21.98	0.1578
Highest		1	12	22.93	0.1963	22.18	0.1652
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.91	0.3097	24.16	0.2606
Middle		1	0	24.85	0.3055	24.10	0.2570
Highest		1	0	24.84	0.3048	24.09	0.2564
Lowest	16QAM	1	0	23.95	0.2483	23.20	0.2089
Middle		1	0	23.90	0.2455	23.15	0.2065
Highest		1	0	23.99	0.2506	23.24	0.2109
Lowest	64QAM	1	49	22.98	0.1986	22.23	0.1671
Middle		1	49	22.94	0.1968	22.19	0.1656
Highest		1	49	23.00	0.1995	22.25	0.1679
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	23.26	0.2118	25.36	0.3436
Middle		1.00	12.00	22.99	0.1991	25.09	0.3228
Highest		1.00	12.00	22.99	0.1991	25.09	0.3228
Lowest	16QAM	1.00	0.00	22.44	0.1754	24.54	0.2844
Middle		1.00	0.00	22.38	0.1730	24.48	0.2805
Highest		1.00	0.00	22.32	0.1706	24.42	0.2767
Lowest	64QAM	1.00	24.00	21.44	0.1393	23.54	0.2259
Middle		1.00	24.00	21.34	0.1361	23.44	0.2208
Highest		1.00	24.00	21.18	0.1312	23.28	0.2128
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	25	23.31	0.2143	25.41	0.3475
Middle		1.00	25	23.03	0.2009	25.13	0.3258
Highest		1.00	25	22.85	0.1928	24.95	0.3126
Lowest	16QAM	1.00	0.00	22.45	0.1758	24.55	0.2851
Middle		1.00	0.00	22.24	0.1675	24.34	0.2716
Highest		1.00	0.00	22.15	0.1641	24.25	0.2661
Lowest	64QAM	1.00	49	21.38	0.1374	23.48	0.2228
Middle		1.00	49	21.34	0.1361	23.44	0.2208
Highest		1.00	49	21.29	0.1346	23.39	0.2183
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.32	0.2148	25.42	0.3483
Middle		1.00	0.00	23.05	0.2018	25.15	0.3273
Highest		1.00	0.00	23.06	0.2023	25.16	0.3281
Lowest	16QAM	1.00	0.00	22.40	0.1738	24.50	0.2818
Middle		1.00	0.00	22.43	0.1750	24.53	0.2838
Highest		1.00	0.00	22.24	0.1675	24.34	0.2716
Lowest	64QAM	1.00	0.00	21.29	0.1346	23.39	0.2183
Middle		1.00	0.00	21.37	0.1371	23.47	0.2223
Highest		1.00	0.00	21.24	0.1330	23.34	0.2158
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.38	0.2178	25.48	0.3532
Middle		1.00	0.00	23.21	0.2094	25.31	0.3396
Highest		1.00	0.00	23.09	0.2037	25.19	0.3304
Lowest	16QAM	1.00	49.00	22.46	0.1762	24.56	0.2858
Middle		1.00	49.00	22.48	0.1770	24.58	0.2871
Highest		1.00	49.00	22.35	0.1718	24.45	0.2786
Lowest	64QAM	1.00	99.00	21.44	0.1393	23.54	0.2259
Middle		1.00	99.00	21.41	0.1384	23.51	0.2244
Highest		1.00	99.00	21.36	0.1368	23.46	0.2218
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.48	0.2805	23.33	0.2153
Middle		1	3	24.43	0.2773	23.28	0.2128
Highest		1	3	24.77	0.2999	23.62	0.2301
Lowest	16QAM	1	3	23.77	0.2382	22.62	0.1828
Middle		1	3	23.76	0.2377	22.61	0.1824
Highest		1	3	23.89	0.2449	22.74	0.1879
Lowest	64QAM	1	3	22.85	0.1928	21.70	0.1479
Middle		1	3	22.76	0.1888	21.61	0.1449
Highest		1	3	22.86	0.1932	21.71	0.1483
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.29	0.2685	23.14	0.2061
Middle		1	14	24.70	0.2951	23.55	0.2265
Highest		1	14	24.51	0.2825	23.36	0.2168
Lowest	16QAM	1	14	23.57	0.2275	22.42	0.1746
Middle		1	14	23.92	0.2466	22.77	0.1892
Highest		1	14	23.88	0.2443	22.73	0.1875
Lowest	64QAM	1	14	22.66	0.1845	21.51	0.1416
Middle		1	14	22.90	0.1950	21.75	0.1496
Highest		1	14	22.91	0.1954	21.76	0.1500
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.06	0.2547	22.91	0.1954
Middle		1	0	24.65	0.2917	23.50	0.2239
Highest		1	0	24.34	0.2716	23.19	0.2084
Lowest	16QAM	1	12	23.84	0.2421	22.69	0.1858
Middle		1	12	23.82	0.2410	22.67	0.1849
Highest		1	12	23.88	0.2443	22.73	0.1875
Lowest	64QAM	1	12	22.73	0.1875	21.58	0.1439
Middle		1	12	22.75	0.1884	21.60	0.1445
Highest		1	12	22.88	0.1941	21.73	0.1489
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.12	0.2582	22.97	0.1982
Middle		1	0	24.78	0.3006	23.63	0.2307
Highest		1	0	24.44	0.2780	23.29	0.2133
Lowest	16QAM	1	25	23.92	0.2466	22.77	0.1892
Middle		1	25	23.91	0.2460	22.76	0.1888
Highest		1	25	23.97	0.2495	22.82	0.1914
Lowest	64QAM	1	25	22.89	0.1945	21.74	0.1493
Middle		1	25	22.88	0.1941	21.73	0.1489
Highest		1	25	23.00	0.1995	21.85	0.1531
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.31	0.2698	23.16	0.2070
Middle		1	0	24.35	0.2723	23.20	0.2089
Highest		1	0	24.36	0.2729	23.21	0.2094
Lowest	16QAM	1	0	23.40	0.2188	22.25	0.1679
Middle		1	0	23.47	0.2223	22.32	0.1706
Highest		1	0	23.40	0.2188	22.25	0.1679
Lowest	64QAM	1	0	22.29	0.1694	21.14	0.1300
Middle		1	0	22.48	0.1770	21.33	0.1358
Highest		1	0	22.28	0.1690	21.13	0.1297
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.39	0.2748	23.24	0.2109
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	49	23.50	0.2239	22.35	0.1718
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	0	22.48	0.1770	21.33	0.1358
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.72	0.2965	23.57	0.2275
Middle		1	0	24.66	0.2924	23.51	0.2244
Highest		1	0	24.50	0.2818	23.35	0.2163
Lowest	16QAM	1	24	23.90	0.2455	22.75	0.1884
Middle		1	24	23.86	0.2432	22.71	0.1866
Highest		1	24	23.96	0.2489	22.81	0.1910
Lowest	64QAM	1	24	22.95	0.1972	21.80	0.1514
Middle		1	24	22.82	0.1914	21.67	0.1469
Highest		1	24	22.87	0.1936	21.72	0.1486
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.73	0.2972	23.58	0.2280
Middle		1	0	24.74	0.2979	23.59	0.2286
Highest		1	0	24.64	0.2911	23.49	0.2234
Lowest	16QAM	1	25	23.98	0.2500	22.83	0.1919
Middle		1	25	23.95	0.2483	22.80	0.1905
Highest		1	25	23.91	0.2460	22.76	0.1888
Lowest	64QAM	1	49	22.97	0.1982	21.82	0.1521
Middle		1	49	22.95	0.1972	21.80	0.1514
Highest		1	49	22.92	0.1959	21.77	0.1503
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	24.00	24.38	0.2742	27.48	0.5598
Middle		1.00	24.00	24.10	0.2570	27.20	0.5248
Highest		1.00	24.00	22.50	0.1778	25.60	0.3631
Lowest	16QAM	1.00	12.00	23.35	0.2163	26.45	0.4416
Middle		1.00	12.00	23.48	0.2228	26.58	0.4550
Highest		1.00	12.00	22.19	0.1656	25.29	0.3381
Lowest	64QAM	1.00	12.00	22.01	0.1589	25.11	0.3243
Middle		1.00	12.00	21.92	0.1556	25.02	0.3177
Highest		1.00	12.00	20.97	0.1250	24.07	0.2553
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	24.39	0.2748	27.49	0.5610
Middle		1.00	49	24.04	0.2535	27.14	0.5176
Highest		1.00	49	22.51	0.1782	25.61	0.3639
Lowest	16QAM	1.00	25	23.37	0.2173	26.47	0.4436
Middle		1.00	25	23.29	0.2133	26.39	0.4355
Highest		1.00	25	22.34	0.1714	25.44	0.3499
Lowest	64QAM	1.00	49	22.04	0.1600	25.14	0.3266
Middle		1.00	49	21.78	0.1507	24.88	0.3076
Highest		1.00	49	20.75	0.1189	23.85	0.2427
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	24.35	0.2723	27.45	0.5559
Middle		1.00	74.00	24.01	0.2518	27.11	0.5140
Highest		1.00	74.00	22.50	0.1778	25.60	0.3631
Lowest	16QAM	1.00	74.00	23.32	0.2148	26.42	0.4385
Middle		1.00	74.00	23.33	0.2153	26.43	0.4395
Highest		1.00	74.00	21.66	0.1466	24.76	0.2992
Lowest	64QAM	1.00	74.00	21.98	0.1578	25.08	0.3221
Middle		1.00	74.00	21.87	0.1538	24.97	0.3141
Highest		1.00	74.00	20.74	0.1186	23.84	0.2421
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	99.00	24.39	0.2748	27.49	0.5610
Middle		1.00	99.00	24.40	0.2754	27.50	0.5623
Highest		1.00	99.00	22.83	0.1919	25.93	0.3917
Lowest	16QAM	1.00	99.00	23.50	0.2239	26.60	0.4571
Middle		1.00	99.00	23.33	0.2153	26.43	0.4395
Highest		1.00	99.00	21.84	0.1528	24.94	0.3119
Lowest	64QAM	1.00	99.00	22.09	0.1618	25.19	0.3304
Middle		1.00	99.00	21.95	0.1567	25.05	0.3199
Highest		1.00	99.00	20.89	0.1227	23.99	0.2506
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.05	0.2541	23.30	0.2138
Middle		1	3	24.17	0.2612	23.42	0.2198
Highest		1	3	24.01	0.2518	23.26	0.2118
Lowest	16QAM	1	3	23.39	0.2183	22.64	0.1837
Middle		1	3	23.54	0.2259	22.79	0.1901
Highest		1	3	23.27	0.2123	22.52	0.1786
Lowest	64QAM	1	3	22.31	0.1702	21.56	0.1432
Middle		1	3	22.46	0.1762	21.71	0.1483
Highest		1	3	22.25	0.1679	21.50	0.1413
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.93	0.2472	23.18	0.2080
Middle		1	0	24.19	0.2624	23.44	0.2208
Highest		1	0	24.11	0.2576	23.36	0.2168
Lowest	16QAM	1	0	23.28	0.2128	22.53	0.1791
Middle		1	0	23.51	0.2244	22.76	0.1888
Highest		1	0	23.50	0.2239	22.75	0.1884
Lowest	64QAM	1	0	22.29	0.1694	21.54	0.1426
Middle		1	0	22.50	0.1778	21.75	0.1496
Highest		1	0	22.42	0.1746	21.67	0.1469
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.13	0.2588	23.38	0.2178
Middle		1	24	24.09	0.2564	23.34	0.2158
Highest		1	24	23.88	0.2443	23.13	0.2056
Lowest	16QAM	1	12	23.41	0.2193	22.66	0.1845
Middle		1	12	23.53	0.2254	22.78	0.1897
Highest		1	12	23.29	0.2133	22.54	0.1795
Lowest	64QAM	1	12	22.41	0.1742	21.66	0.1466
Middle		1	12	22.46	0.1762	21.71	0.1483
Highest		1	12	22.30	0.1698	21.55	0.1429
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.08	0.2559	23.33	0.2153
Middle		1	0	24.15	0.2600	23.40	0.2188
Highest		1	0	24.01	0.2518	23.26	0.2118
Lowest	16QAM	1	25	23.40	0.2188	22.65	0.1841
Middle		1	25	23.59	0.2286	22.84	0.1923
Highest		1	25	23.23	0.2104	22.48	0.1770
Lowest	64QAM	1	0	22.31	0.1702	21.56	0.1432
Middle		1	0	22.49	0.1774	21.74	0.1493
Highest		1	0	22.47	0.1766	21.72	0.1486
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.19	0.2624	23.44	0.2208
Middle		1	0	24.22	0.2642	23.47	0.2223
Highest		1	0	24.19	0.2624	23.44	0.2208
Lowest	16QAM	1	37	23.50	0.2239	22.75	0.1884
Middle		1	37	23.59	0.2286	22.84	0.1923
Highest		1	37	23.42	0.2198	22.67	0.1849
Lowest	64QAM	1	0	22.40	0.1738	21.65	0.1462
Middle		1	0	22.51	0.1782	21.76	0.1500
Highest		1	0	22.47	0.1766	21.72	0.1486
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.94	0.2477	27.04	0.5058
Middle		1	3	24.10	0.2570	27.20	0.5248
Highest		1	3	24.44	0.2780	27.54	0.5675
Lowest	16QAM	1	3	23.22	0.2099	26.32	0.4285
Middle		1	3	23.47	0.2223	26.57	0.4539
Highest		1	3	23.38	0.2178	26.48	0.4446
Lowest	64QAM	1	3	22.23	0.1671	25.33	0.3412
Middle		1	3	22.36	0.1722	25.46	0.3516
Highest		1	3	22.42	0.1746	25.52	0.3565
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.86	0.2432	26.96	0.4966
Middle		1	8	24.04	0.2535	27.14	0.5176
Highest		1	8	24.36	0.2729	27.46	0.5572
Lowest	16QAM	1	8	23.27	0.2123	26.37	0.4335
Middle		1	8	23.38	0.2178	26.48	0.4446
Highest		1	8	23.46	0.2218	26.56	0.4529
Lowest	64QAM	1	8	22.10	0.1622	25.20	0.3311
Middle		1	8	22.31	0.1702	25.41	0.3475
Highest		1	8	22.33	0.1710	25.43	0.3491
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.85	0.2427	26.95	0.4955
Middle		1	12	24.11	0.2576	27.21	0.5260
Highest		1	12	24.30	0.2692	27.40	0.5495
Lowest	16QAM	1	0	23.08	0.2032	26.18	0.4150
Middle		1	0	22.88	0.1941	25.98	0.3963
Highest		1	0	23.35	0.2163	26.45	0.4416
Lowest	64QAM	1	0	22.04	0.1600	25.14	0.3266
Middle		1	0	21.83	0.1524	24.93	0.3112
Highest		1	0	22.42	0.1746	25.52	0.3565
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.99	0.2506	27.09	0.5117
Middle		1	0	24.07	0.2553	27.17	0.5212
Highest		1	0	24.43	0.2773	27.53	0.5662
Lowest	16QAM	1	25	23.19	0.2084	26.29	0.4256
Middle		1	25	23.37	0.2173	26.47	0.4436
Highest		1	25	23.40	0.2188	26.50	0.4467
Lowest	64QAM	1	25	22.21	0.1663	25.31	0.3396
Middle		1	25	22.32	0.1706	25.42	0.3483
Highest		1	25	22.32	0.1706	25.42	0.3483
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.88	0.2443	26.98	0.4989
Middle		1	37	24.13	0.2588	27.23	0.5284
Highest		1	37	24.32	0.2704	27.42	0.5521
Lowest	16QAM	1	37	23.15	0.2065	26.25	0.4217
Middle		1	37	23.44	0.2208	26.54	0.4508
Highest		1	37	23.29	0.2133	26.39	0.4355
Lowest	64QAM	1	37	22.11	0.1626	25.21	0.3319
Middle		1	37	22.34	0.1714	25.44	0.3499
Highest		1	37	22.39	0.1734	25.49	0.3540
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 3.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.09	0.2564	27.19	0.5236
Middle		1	0	24.24	0.2655	27.34	0.5420
Highest		1	0	24.46	0.2793	27.56	0.5702
Lowest	16QAM	1	49	23.27	0.2123	26.37	0.4335
Middle		1	49	23.49	0.2234	26.59	0.4560
Highest		1	49	23.46	0.2218	26.56	0.4529
Lowest	64QAM	1	49	22.27	0.1687	25.37	0.3443
Middle		1	49	22.47	0.1766	25.57	0.3606
Highest		1	49	22.49	0.1774	25.59	0.3622
Limit	EIRP < 1W			Result		PASS	

**Radiated Spurious Emission**

<EUT with Battery 1>

LTE Band 4

LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.56	-13	-36.56	-67.17	-61.15	0.77	12.36	H
	5130	-42.66	-13	-29.66	-63.64	-54.15	0.97	12.46	H
	6840	-43.85	-13	-30.85	-67.82	-54.7	0.81	11.65	H
	8550	-39.54	-13	-26.54	-67.3	-50.15	1.36	11.97	H
	10260	-42.21	-13	-29.21	-73.62	-52.42	1.39	11.61	H
	3420	-48.24	-13	-35.24	-65.66	-59.83	0.77	12.36	V
	5130	-51.07	-13	-38.07	-72.22	-62.56	0.97	12.46	V
	6840	-47.33	-13	-34.33	-71.77	-58.18	0.81	11.65	V
	8550	-41.15	-13	-28.15	-68.74	-51.76	1.36	11.97	V
	10260	-42.57	-13	-29.57	-73.76	-52.78	1.39	11.61	V
Middle	3456	-48.01	-13	-35.01	-65.64	-59.7	0.78	12.47	H
	5184	-42.10	-13	-29.10	-63.23	-53.68	0.99	12.57	H
	6912	-42.88	-13	-29.88	-67.02	-53.41	0.97	11.49	H
	8640	-37.98	-13	-24.98	-66.32	-48.69	1.39	12.10	H
	10365	-41.22	-13	-28.22	-72.53	-51.22	1.40	11.41	H
	12097	-41.79	-13	-28.79	-73.86	-53.02	1.56	12.79	H
	3456	-44.94	-13	-31.94	-62.96	-56.63	0.78	12.47	V
	5184	-50.07	-13	-37.07	-71.36	-61.65	0.99	12.57	V
	6912	-46.88	-13	-33.88	-71.42	-57.41	0.97	11.49	V
	8640	-40.70	-13	-27.70	-68.74	-51.41	1.39	12.10	V
	10365	-43.19	-13	-30.19	-74.32	-53.19	1.40	11.41	V
	12097	-44.17	-13	-31.17	-75.9	-55.4	1.56	12.79	V
Highest	3492	-46.99	-13	-33.99	-64.64	-58.79	0.78	12.58	H
	5238	-42.34	-13	-29.34	-63.62	-54.01	1.01	12.68	H
	6984	-39.38	-13	-26.38	-63.69	-49.59	1.13	11.34	H
	8730	-38.16	-13	-25.16	-66.78	-48.98	1.40	12.22	H
	10470	-43.08	-13	-30.08	-74.31	-52.87	1.41	11.21	H
	12223	-39.59	-13	-26.59	-72.16	-51.46	1.54	13.42	H
	15709	-39.13	-13	-26.13	-73.85	-54.21	1.77	16.85	H
	3492	-44.70	-13	-31.70	-63.32	-56.5	0.78	12.58	V
	5238	-48.66	-13	-35.66	-70.08	-60.33	1.01	12.68	V
	6984	-45.18	-13	-32.18	-69.81	-55.39	1.13	11.34	V
	8730	-40.15	-13	-27.15	-68.6	-50.97	1.40	12.22	V
	10470	-43.14	-13	-30.14	-74.23	-52.93	1.41	11.21	V
	12223	-43.68	-13	-30.68	-75.76	-55.55	1.54	13.42	V
	15709	-38.90	-13	-25.90	-73.01	-53.98	1.77	16.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 7**

LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5028	-48.30	-25	-23.30	-69.01	-59.61	0.95	12.26	H
	7542	-50.71	-25	-25.71	-76.18	-60.05	1.18	10.52	H
	10062	-45.47	-25	-20.47	-77.03	-56.08	1.37	11.98	H
									H
									H
									H
	5028	-40.95	-25	-15.95	-61.84	-52.26	0.95	12.26	V
	7542	-49.88	-25	-24.88	-75.31	-59.22	1.18	10.52	V
	10062	-46.21	-25	-21.21	-77.47	-56.82	1.37	11.98	V
									V
									V
									V
Middle	5082	-48.39	-25	-23.39	-69.24	-59.79	0.96	12.36	H
	7626	-50.94	-25	-25.94	-76.63	-60.51	1.18	10.75	H
	10170	-45.51	-25	-20.51	-76.99	-55.9	1.38	11.78	H
									H
									H
									H
	5082	-40.72	-25	-15.72	-61.74	-52.12	0.96	12.36	V
	7626	-48.81	-25	-23.81	-74.25	-58.38	1.18	10.75	V
	10170	-44.88	-25	-19.88	-76.1	-55.27	1.38	11.78	V
									V
									V
									V
Highest	5136	-47.83	-25	-22.83	-68.82	-59.33	0.97	12.47	H
	7710	-47.91	-25	-22.91	-73.72	-57.71	1.19	10.99	H
	10278	-45.42	-25	-20.42	-76.81	-55.6	1.39	11.57	H
									H
									H
									H
	5136	-42.51	-25	-17.51	-63.67	-54.01	0.97	12.47	V
	7710	-47.34	-25	-22.34	-73.02	-57.14	1.19	10.99	V
	10278	-44.53	-25	-19.53	-75.7	-54.71	1.39	11.57	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 12**

LTE Band 12 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-57.73	-13.00	-44.73	-69.25	-63.78	0.50	8.70	H
	2096	-57.16	-13.00	-44.16	-71.01	-64.90	0.59	10.48	H
	2800	-55.78	-13.00	-42.78	-70.90	-63.91	0.70	10.98	H
									H
									H
									H
	1400	-59.96	-13.00	-46.96	-71.54	-66.01	0.50	8.70	V
	2096	-59.89	-13.00	-46.89	-73.50	-67.63	0.59	10.48	V
	2800	-56.40	-13.00	-43.40	-71.94	-64.53	0.70	10.98	V
									V
									V
									V
Middle	1416	-55.94	-13.00	-42.94	-67.60	-62.08	0.50	8.80	H
	2122	-58.28	-13.00	-45.28	-72.44	-66.04	0.59	10.50	H
	2832	-53.45	-13.00	-40.45	-68.68	-61.59	0.71	11.00	H
									H
									H
									H
	1416	-58.31	-13.00	-45.31	-69.77	-64.45	0.50	8.80	V
	2122	-57.24	-13.00	-44.24	-71.22	-65.00	0.59	10.50	V
	2832	-55.50	-13.00	-42.50	-71.05	-63.64	0.71	11.00	V
									V
									V
									V
Highest	1432	-55.92	-13.00	-42.92	-67.74	-62.16	0.50	8.89	H
	2145	-58.10	-13.00	-45.10	-72.83	-65.87	0.59	10.52	H
	2864	-52.85	-13.00	-39.85	-68.17	-61.00	0.72	11.02	H
									H
									H
									H
	1432	-58.44	-13.00	-45.44	-69.80	-64.68	0.50	8.89	V
	2145	-58.36	-13.00	-45.36	-73.04	-66.13	0.59	10.52	V
	2864	-55.20	-13.00	-42.20	-70.76	-63.35	0.72	11.02	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 13**

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1560	-56.78	-42.15	-14.63	-67.85	-63.55	0.51	9.43	H
	2336	-57.87	-13	-44.87	-72.50	-65.77	0.62	10.67	H
	3118	-57.74	-13	-44.74	-73.92	-66.30	0.74	11.45	H
									H
									H
									H
	1560	-59.80	-42.15	-17.65	-70.30	-66.57	0.51	9.43	V
	2336	-55.65	-13	-42.65	-70.80	-63.55	0.62	10.67	V
	3118	-57.80	-13	-44.80	-74.21	-66.36	0.74	11.45	V
									V
									V
									V
Middle	1566	-54.38	-42.15	-12.23	-65.45	-61.16	0.52	9.45	H
	2348	-57.28	-13	-44.28	-71.78	-65.18	0.63	10.68	H
	3128	-57.49	-13	-44.49	-73.67	-66.08	0.74	11.48	H
									H
									H
									H
	1566	-60.22	-42.15	-18.07	-70.72	-67.00	0.52	9.45	V
	2348	-56.34	-13	-43.34	-71.42	-64.24	0.63	10.68	V
	3128	-58.09	-13	-45.09	-74.50	-66.68	0.74	11.48	V
									V
									V
									V
Highest	1568	-58.52	-42.15	-16.37	-69.13	-65.30	0.52	9.45	H
	2354	-59.89	-13	-46.89	-74.38	-67.80	0.63	10.68	H
	3138	-58.27	-13	-45.27	-74.53	-66.89	0.74	11.51	H
									H
									H
									H
	1568	-59.28	-42.15	-17.13	-69.63	-66.06	0.52	9.45	V
	2354	-58.88	-13	-45.88	-73.95	-66.79	0.63	10.68	V
	3138	-58.23	-13	-45.23	-74.77	-66.85	0.74	11.51	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 17**

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1424	-56.01	-13	-43.01	-67.81	-62.20	0.50	8.84	H
	2140	-58.57	-13	-45.57	-73.01	-66.34	0.59	10.51	H
	2856	-55.60	-13	-42.60	-70.87	-63.75	0.71	11.01	H
									H
									H
									H
	1424	-58.94	-13	-45.94	-70.28	-65.13	0.50	8.84	V
	2140	-58.98	-13	-45.98	-73.31	-66.75	0.59	10.51	V
	2856	-57.07	-13	-44.07	-72.62	-65.22	0.71	11.01	V
									V
									V
									V
Middle	1432	-55.48	-13	-42.48	-67.30	-61.72	0.50	8.89	H
	2144	-47.42	-13	-34.42	-62.15	-55.19	0.59	10.52	H
	2856	-53.93	-13	-40.93	-69.20	-62.08	0.71	11.01	H
									H
									H
									H
	1432	-57.87	-13	-44.87	-69.23	-64.11	0.50	8.89	V
	2144	-55.64	-13	-42.64	-70.32	-63.41	0.59	10.52	V
	2856	-55.72	-13	-42.72	-71.27	-63.87	0.71	11.01	V
									V
									V
									V
Highest	1432	-58.27	-13	-45.27	-70.09	-64.51	0.50	8.89	H
	2144	-55.31	-13	-42.31	-70.04	-63.08	0.59	10.52	H
	2864	-54.39	-13	-41.39	-69.71	-62.54	0.72	11.02	H
									H
									H
									H
	1432	-59.68	-13	-46.68	-71.04	-65.92	0.50	8.89	V
	2144	-58.49	-13	-45.49	-73.17	-66.26	0.59	10.52	V
	2864	-56.01	-13	-43.01	-71.57	-64.16	0.72	11.02	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 25**

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-35.33	-13	-22.33	-52.73	-47.12	0.72	12.52	H
	5556	-34.40	-13	-21.40	-56.75	-46.57	1.00	13.17	H
	7404	-35.14	-13	-22.14	-60.67	-44.53	1.18	10.57	H
	9252	-39.11	-13	-26.11	-69.09	-49.62	1.39	11.89	H
	11110.5	-42.73	-13	-29.73	-73.89	-51.83	1.47	10.57	H
									H
	3702	-33.34	-13	-20.34	-51.91	-45.13	0.72	12.52	V
	5556	-33.47	-13	-20.47	-55.94	-45.64	1.00	13.17	V
	7404	-41.40	-13	-28.40	-66.72	-50.79	1.18	10.57	V
	9252	-43.82	-13	-30.82	-73.56	-54.33	1.39	11.89	V
	11110.5	-41.15	-13	-28.15	-72.32	-50.25	1.47	10.57	V
									V
Middle	3744	-31.51	-13	-18.51	-49.03	-43.31	0.70	12.50	H
	5616	-36.62	-13	-23.62	-58.93	-48.77	0.98	13.13	H
	7482	-37.80	-13	-24.80	-63.2	-47.05	1.18	10.43	H
	9357	-41.89	-13	-28.89	-71.83	-52.06	1.43	11.60	H
	11226	-40.81	-13	-27.81	-73.19	-50.29	1.48	10.97	H
									H
	3744	-33.08	-13	-20.08	-51.79	-44.88	0.70	12.50	V
	5616	-36.46	-13	-23.46	-58.94	-48.61	0.98	13.13	V
	7482	-42.83	-13	-29.83	-68.31	-52.08	1.18	10.43	V
	9357	-44.91	-13	-31.91	-74.64	-55.08	1.43	11.60	V
	11226	-35.82	-13	-22.82	-67.35	-45.3	1.48	10.97	V
									V
Highest	3792	-29.14	-13	-16.14	-46.73	-40.95	0.67	12.48	H
	5688	-32.40	-13	-19.40	-54.77	-44.5	0.99	13.09	H
	7584	-38.95	-13	-25.95	-64.51	-48.4	1.18	10.64	H
	9483	-37.79	-13	-24.79	-67.91	-47.46	1.58	11.25	H
	11373	-44.03	-13	-31.03	-75.71	-54	1.50	11.47	H
									H
	3792	-30.64	-13	-17.64	-49.45	-42.45	0.67	12.48	V
	5688	-33.86	-13	-20.86	-56.42	-45.96	0.99	13.09	V
	7584	-42.36	-13	-29.36	-67.71	-51.81	1.18	10.64	V
	9483	-43.22	-13	-30.22	-72.86	-52.89	1.58	11.25	V
	11373	-41.33	-13	-28.33	-73.33	-51.3	1.50	11.47	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 26**

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-52.03	-13	-39.03	-62.57	-58.98	0.53	9.63	H
	2472	-57.51	-13	-44.51	-71.46	-65.49	0.65	10.78	H
	3296	-53.46	-13	-40.46	-70.15	-62.54	0.76	11.99	H
									H
									H
									H
	1648	-53.05	-13	-40.05	-63.3	-60	0.53	9.63	V
	2472	-52.81	-13	-39.81	-67.25	-60.79	0.65	10.78	V
	3296	-57.37	-13	-44.37	-74.03	-66.45	0.76	11.99	V
									V
									V
									V
Middle	1664	-50.00	-13	-37.00	-60.67	-56.98	0.53	9.66	H
	2496	-54.08	-13	-41.08	-68.01	-62.07	0.65	10.80	H
	3328	-52.73	-13	-39.73	-69.49	-61.9	0.76	12.08	H
									H
									H
									H
	1664	-52.24	-13	-39.24	-62.51	-59.22	0.53	9.66	V
	2496	-54.19	-13	-41.19	-68.54	-62.18	0.65	10.80	V
	3328	-58.00	-13	-45.00	-74.57	-67.17	0.76	12.08	V
									V
									V
									V
Highest	1679	-49.48	-13	-36.48	-60.27	-56.49	0.53	9.69	H
	2518	-52.00	-13	-39.00	-65.97	-60	0.66	10.81	H
	3358	-51.42	-13	-38.42	-68.22	-60.68	0.77	12.17	H
									H
									H
									H
	1679	-54.29	-13	-41.29	-64.58	-61.3	0.53	9.69	V
	2518	-54.96	-13	-41.96	-69.34	-62.96	0.66	10.81	V
	3358	-57.13	-13	-44.13	-73.67	-66.39	0.77	12.17	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-51.29	-13	-38.29	-61.83	-58.24	0.53	9.63	H
	2474	-58.59	-13	-45.59	-72.54	-66.57	0.65	10.78	H
	3299	-53.25	-13	-40.25	-69.94	-62.34	0.76	12.00	H
									H
									H
									H
	1648	-52.04	-13	-39.04	-62.29	-58.99	0.53	9.63	V
	2474	-57.83	-13	-44.83	-72.27	-65.81	0.65	10.78	V
	3299	-57.75	-13	-44.75	-74.41	-66.84	0.76	12.00	V
									V
									V
									V
Middle	1656	-49.34	-13	-36.34	-59.88	-56.31	0.53	9.64	H
	2489	-54.50	-13	-41.50	-68.43	-62.49	0.65	10.79	H
	3319	-53.57	-13	-40.57	-70.29	-62.72	0.76	12.06	H
									H
									H
									H
	1656	-52.40	-13	-39.40	-62.65	-59.37	0.53	9.64	V
	2489	-58.40	-13	-45.40	-72.75	-66.39	0.65	10.79	V
	3319	-57.48	-13	-44.48	-74.09	-66.63	0.76	12.06	V
									V
									V
									V
Highest	1669	-50.50	-13	-37.50	-61.17	-57.49	0.53	9.67	H
	2504	-58.78	-13	-45.78	-72.74	-66.78	0.66	10.80	H
	3339	-55.01	-13	-42.01	-71.78	-64.21	0.76	12.12	H
									H
									H
									H
	1669	-53.11	-13	-40.11	-63.38	-60.1	0.53	9.67	V
	2504	-58.82	-13	-45.82	-73.19	-66.82	0.66	10.80	V
	3339	-58.10	-13	-45.10	-74.68	-67.3	0.76	12.12	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 41**

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5028	-50.22	-25	-25.22	-70.93	-61.53	0.95	12.26	H
	7542	-50.89	-25	-25.89	-76.36	-60.23	1.18	10.52	H
	10062	-45.00	-25	-20.00	-76.56	-55.61	1.37	11.98	H
									H
									H
									H
	5028	-47.67	-25	-22.67	-68.56	-58.98	0.95	12.26	V
	7542	-49.71	-25	-24.71	-75.14	-59.05	1.18	10.52	V
	10062	-42.28	-25	-17.28	-73.54	-52.89	1.37	11.98	V
									V
									V
									V
Middle	5202	-53.85	-25	-28.85	-75.02	-65.46	0.99	12.60	H
	7806	-48.50	-25	-23.50	-74.61	-58.57	1.19	11.26	H
	10404	-45.09	-25	-20.09	-76.37	-55.02	1.41	11.33	H
									H
									H
									H
	5202	-51.72	-25	-26.72	-73.05	-63.33	0.99	12.60	V
	7806	-48.36	-25	-23.36	-74.49	-58.43	1.19	11.26	V
	10404	-44.20	-25	-19.20	-75.32	-54.13	1.41	11.33	V
									V
									V
									V
Highest	5376	-54.28	-25	-29.28	-75.93	-66.17	1.06	12.95	H
	8064	-48.70	-25	-23.70	-76.03	-59.28	1.23	11.81	H
	10746	-45.32	-25	-20.32	-76.37	-54.57	1.44	10.68	H
									H
									H
									H
	5376	-48.46	-25	-23.46	-70.22	-60.35	1.06	12.95	V
	8064	-46.01	-25	-21.01	-73.37	-56.59	1.23	11.81	V
	10746	-42.23	-25	-17.23	-73.14	-51.48	1.44	10.68	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 66**

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3438	-36.85	-13	-23.85	-54.47	-48.49	0.78	12.41	H
	5160	-46.17	-13	-33.17	-67.2	-57.71	0.98	12.52	H
	6882	-46.31	-13	-33.31	-70.36	-56.97	0.90	11.56	H
	8598	-44.45	-13	-31.45	-72.68	-55.10	1.38	12.04	H
	10323	-44.28	-13	-31.28	-75.64	-54.37	1.40	11.49	H
									H
	3438	-39.23	-13	-26.23	-56.94	-50.87	0.78	12.41	V
	5160	-51.12	-13	-38.12	-72.32	-62.66	0.98	12.52	V
	6882	-48.10	-13	-35.10	-72.58	-58.76	0.90	11.56	V
	8598	-44.89	-13	-31.89	-72.77	-55.54	1.38	12.04	V
	10323	-44.49	-13	-31.49	-75.65	-54.58	1.40	11.49	V
									V
Middle	3492	-39.99	-13	-26.99	-57.64	-51.79	0.78	12.58	H
	5232	-43.65	-13	-30.65	-64.87	-55.31	1.00	12.66	H
	6978	-41.11	-13	-28.11	-65.41	-51.34	1.11	11.35	H
	8724	-40.77	-13	-27.77	-69.39	-51.59	1.40	12.21	H
	10470	-43.60	-13	-30.60	-74.83	-53.39	1.41	11.21	H
	12213	-40.83	-13	-27.83	-73.34	-52.65	1.54	13.37	H
									H
	3492	-42.98	-13	-29.98	-61.6	-54.78	0.78	12.58	V
	5232	-47.20	-13	-34.20	-68.58	-58.86	1.00	12.66	V
	6978	-46.43	-13	-33.43	-71.05	-56.66	1.11	11.35	V
	8724	-42.39	-13	-29.39	-70.84	-53.21	1.40	12.21	V
	10470	-44.59	-13	-31.59	-75.68	-54.38	1.41	11.21	V
	12213	-44.08	-13	-31.08	-76.11	-55.90	1.54	13.37	V
									V
Highest	3540	-44.32	-13	-31.32	-61.82	-56.12	0.78	12.58	H
	5310	-44.56	-13	-31.56	-66.06	-56.35	1.03	12.82	H
	7080	-41.61	-13	-28.61	-66.28	-51.59	1.17	11.16	H
	8850	-38.06	-13	-25.06	-67	-49.07	1.38	12.39	H
	10617	-44.85	-13	-31.85	-75.99	-54.35	1.43	10.93	H
	12391	-37.85	-13	-24.85	-71.08	-50.59	1.52	14.26	H
	15930	-39.48	-13	-26.48	-73.45	-54.81	1.79	17.12	H
	3540	-42.26	-13	-29.26	-60.78	-54.06	0.78	12.58	V
	5310	-47.20	-13	-34.20	-68.82	-58.99	1.03	12.82	V
	7080	-46.92	-13	-33.92	-71.89	-56.90	1.17	11.16	V
	8850	-41.07	-13	-28.07	-69.87	-52.08	1.38	12.39	V
	10617	-45.18	-13	-32.18	-76.19	-54.68	1.43	10.93	V
	12391	-43.10	-13	-30.10	-75.63	-55.84	1.52	14.26	V
	15930	-36.94	-13	-23.94	-70.27	-52.27	1.79	17.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<EUT with Battery 2>

LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1560	-62.19	-42.15	-20.04	-73.26	-68.96	0.51	9.43	H
	2336	-57.42	-13	-44.42	-72.05	-65.32	0.62	10.67	H
	3120	-55.69	-13	-42.69	-71.87	-64.26	0.74	11.46	H
	3896	-56.26	-13	-43.26	-73.72	-65.78	0.78	12.44	H
									H
									H
	1560	-61.23	-42.15	-19.08	-72.73	-68.00	0.51	9.43	V
	2336	-50.28	-13	-37.28	-65.43	-58.18	0.62	10.67	V
	3120	-51.49	-13	-38.49	-67.90	-60.06	0.74	11.46	V
	3896	-53.16	-13	-40.16	-71.78	-62.68	0.78	12.44	V
									V
									V
Middle	1562	-61.44	-42.15	-19.29	-72.51	-68.21	0.51	9.44	H
	2344	-59.59	-13	-46.59	-74.09	-67.49	0.62	10.68	H
	3128	-58.49	-13	-45.49	-74.67	-67.08	0.74	11.48	H
									H
									H
									H
	1562	-62.47	-42.15	-20.32	-72.97	-69.24	0.51	9.44	V
	2344	-56.43	-13	-43.43	-71.51	-64.33	0.62	10.68	V
	3128	-56.67	-13	-43.67	-73.08	-65.26	0.74	11.48	V
									V
									V
									V
Highest	1568	-62.19	-42.15	-20.04	-72.80	-68.97	0.52	9.45	H
	2352	-59.46	-13	-46.46	-73.96	-67.37	0.63	10.68	H
	3136	-58.62	-13	-45.62	-74.88	-67.23	0.74	11.51	H
									H
									H
									H
	1568	-62.43	-42.15	-20.28	-72.78	-69.21	0.52	9.45	V
	2352	-57.87	-13	-44.87	-72.95	-65.78	0.63	10.68	V
	3136	-56.61	-13	-43.61	-73.15	-65.22	0.74	11.51	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 25**

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-47.81	-13	-34.81	-65.21	-59.6	0.72	12.52	H
	5556	-40.37	-13	-27.37	-62.72	-52.54	1.00	13.17	H
	7404	-43.04	-13	-30.04	-68.57	-52.43	1.18	10.57	H
	9252	-44.27	-13	-31.27	-74.25	-54.78	1.39	11.89	H
	11110.5	-43.89	-13	-30.89	-75.05	-52.99	1.47	10.57	H
									H
									H
	3702	-43.63	-13	-30.63	-62.2	-55.42	0.72	12.52	V
	5556	-31.50	-13	-18.50	-53.97	-43.67	1.00	13.17	V
	7404	-42.81	-13	-29.81	-68.13	-52.2	1.18	10.57	V
	9252	-42.05	-13	-29.05	-71.79	-52.56	1.39	11.89	V
	11110.5	-41.71	-13	-28.71	-72.88	-50.81	1.47	10.57	V
									V
									V
Middle	3744	-46.44	-13	-33.44	-63.96	-58.24	0.70	12.50	H
	5616	-41.58	-13	-28.58	-63.89	-53.73	0.98	13.13	H
	7482	-45.86	-13	-32.86	-71.26	-55.11	1.18	10.43	H
	9357	-44.64	-13	-31.64	-74.58	-54.81	1.43	11.60	H
	11226	-44.06	-13	-31.06	-75.44	-53.54	1.48	10.97	H
									H
									H
	3744	-44.84	-13	-31.84	-63.55	-56.64	0.70	12.50	V
	5616	-34.38	-13	-21.38	-56.86	-46.53	0.98	13.13	V
	7482	-44.84	-13	-31.84	-70.32	-54.09	1.18	10.43	V
	9357	-43.67	-13	-30.67	-73.4	-53.84	1.43	11.60	V
	11226	-40.88	-13	-27.88	-72.41	-50.36	1.48	10.97	V
									V
									V
Highest	3792	-46.04	-13	-33.04	-63.63	-57.85	0.67	12.48	H
	5688	-39.99	-13	-26.99	-62.36	-52.09	0.99	13.09	H
	7584	-48.52	-13	-35.52	-74.08	-57.97	1.18	10.64	H
	11373	-44.74	-13	-31.74	-76.42	-54.71	1.50	11.47	H
									H
									H
	3792	-44.57	-13	-31.57	-43.38	-56.38	0.67	12.48	V
	5688	-31.78	-13	-18.78	-54.34	-43.88	0.99	13.09	V
	7584	-45.34	-13	-32.34	-70.69	-54.79	1.18	10.64	V
	11373	-41.45	-13	-28.45	-73.45	-51.42	1.50	11.47	V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 26**

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-57.71	-13	-44.71	-68.25	-64.66	0.53	9.63	H
	2474	-54.45	-13	-41.45	-68.4	-62.43	0.65	10.78	H
	3299	-48.27	-13	-35.27	-64.96	-57.36	0.76	12.00	H
									H
									H
									H
	1648	-59.55	-13	-46.55	-69.8	-66.5	0.53	9.63	V
	2474	-54.39	-13	-41.39	-68.83	-62.37	0.65	10.78	V
	3299	-55.41	-13	-42.41	-72.07	-64.5	0.76	12.00	V
									V
									V
									V
Middle	1656	-56.37	-13	-43.37	-66.91	-63.34	0.53	9.64	H
	2488	-53.11	-13	-40.11	-67.04	-61.1	0.65	10.79	H
	3320	-48.88	-13	-35.88	-65.6	-58.03	0.76	12.06	H
									H
									H
									H
	1656	-57.93	-13	-44.93	-68.18	-64.9	0.53	9.64	V
	2488	-54.92	-13	-41.92	-69.27	-62.91	0.65	10.79	V
	3320	-56.02	-13	-43.02	-72.63	-65.17	0.76	12.06	V
									V
									V
									V
Highest	1669	-58.58	-13	-45.58	-69.24	-65.57	0.53	9.67	H
	2504	-55.75	-13	-42.75	-69.71	-63.75	0.66	10.80	H
	3339	-53.56	-13	-40.56	-70.33	-62.76	0.76	12.12	H
									H
									H
									H
	1669	-58.31	-13	-45.31	-68.57	-65.3	0.53	9.67	V
	2504	-57.38	-13	-44.38	-71.75	-65.38	0.66	10.80	V
	3339	-57.27	-13	-44.27	-73.85	-66.47	0.76	12.12	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<EUT with Battery 3>

LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1560	-62.27	-42.15	-20.12	-73.34	-69.04	0.51	9.43	H
	2336	-57.48	-13	-44.48	-72.11	-65.38	0.62	10.67	H
	3120	-56.93	-13	-43.93	-73.11	-65.50	0.74	11.46	H
	3896	-57.14	-13	-44.14	-74.60	-66.66	0.78	12.44	H
									H
									H
	1560	-62.69	-42.15	-20.54	-73.19	-69.46	0.51	9.43	V
	2336	-54.09	-13	-41.09	-69.24	-61.99	0.62	10.67	V
	3120	-54.15	-13	-41.15	-70.56	-62.72	0.74	11.46	V
	3896	-54.29	-13	-41.29	-72.91	-63.81	0.78	12.44	V
									V
									V
Middle	1562	-62.09	-42.15	-19.94	-73.16	-68.86	0.51	9.44	H
	2344	-59.50	-13	-46.50	-74.00	-67.40	0.62	10.68	H
	3128	-58.72	-13	-45.72	-74.90	-67.31	0.74	11.48	H
									H
									H
									H
	1562	-62.46	-42.15	-20.31	-72.96	-69.23	0.51	9.44	V
	2344	-57.69	-13	-44.69	-72.77	-65.59	0.62	10.68	V
	3128	-56.81	-13	-43.81	-73.22	-65.40	0.74	11.48	V
									V
									V
									V
Highest	1568	-60.27	-42.15	-18.12	-70.88	-67.05	0.52	9.45	H
	2352	-59.65	-13	-46.65	-74.15	-67.56	0.63	10.68	H
	3136	-58.61	-13	-45.61	-74.87	-67.22	0.74	11.51	H
									H
									H
									H
	1568	-61.75	-42.15	-19.60	-72.10	-68.53	0.52	9.45	V
	2352	-59.10	-13	-46.10	-74.18	-67.01	0.63	10.68	V
	3136	-57.80	-13	-44.80	-74.34	-66.41	0.74	11.51	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 25**

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-46.56	-13	-33.56	-63.96	-58.35	0.72	12.52	H
	5556	-36.92	-13	-23.92	-59.27	-49.09	1.00	13.17	H
	7404	-43.15	-13	-30.15	-68.68	-52.54	1.18	10.57	H
	9252	-46.46	-13	-33.46	-76.44	-56.97	1.39	11.89	H
	11110.5	-44.03	-13	-31.03	-75.19	-53.13	1.47	10.57	H
									H
	3702	-41.24	-13	-28.24	-59.81	-53.03	0.72	12.52	V
	5556	-31.57	-13	-18.57	-54.04	-43.74	1.00	13.17	V
	7404	-42.05	-13	-29.05	-67.37	-51.44	1.18	10.57	V
	9252	-41.75	-13	-28.75	-71.49	-52.26	1.39	11.89	V
	11110.5	-41.24	-13	-28.24	-72.41	-50.34	1.47	10.57	V
									V
Middle	3744	-45.21	-13	-32.21	-62.73	-57.01	0.70	12.50	H
	5616	-41.17	-13	-28.17	-62.48	-53.32	0.98	13.13	H
	7482	-47.06	-13	-34.06	-72.46	-56.31	1.18	10.43	H
	9357	-45.17	-13	-32.17	-75.11	-55.34	1.43	11.60	H
	11226	-44.02	-13	-31.02	-75.4	-53.5	1.48	10.97	H
									H
	3744	-42.47	-13	-29.47	-61.18	-54.27	0.70	12.50	V
	5616	-34.46	-13	-21.46	-56.94	-46.61	0.98	13.13	V
	7482	-43.82	-13	-30.82	-69.3	-53.07	1.18	10.43	V
	9357	-44.88	-13	-31.88	-74.61	-55.05	1.43	11.60	V
	11226	-40.87	-13	-27.87	-72.4	-50.35	1.48	10.97	V
									V
Highest	3792	-44.10	-13	-31.10	-61.69	-55.91	0.67	12.48	H
	5688	-38.01	-13	-25.01	-60.38	-50.11	0.99	13.09	H
	7584	-44.80	-13	-31.80	-70.36	-54.25	1.18	10.64	H
	9483	-45.92	-13	-32.92	-76.04	-55.59	1.58	11.25	H
	11373	-44.85	-13	-31.85	-76.53	-54.82	1.50	11.47	H
									H
	3792	-42.53	-13	-29.53	-61.34	-54.34	0.67	12.48	V
	5688	-32.39	-13	-19.39	-54.95	-44.49	0.99	13.09	V
	7584	-44.16	-13	-31.16	-69.51	-53.61	1.18	10.64	V
	9483	-45.38	-13	-32.38	-75.02	-55.05	1.58	11.25	V
	11373	-40.40	-13	-27.40	-72.4	-50.37	1.50	11.47	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 26**

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-53.30	-13	-40.30	-63.84	-60.25	0.53	9.63	H
	2472	-52.92	-13	-39.92	-66.87	-60.9	0.65	10.78	H
	3296	-53.49	-13	-40.49	-70.18	-62.57	0.76	11.99	H
									H
									H
									H
	1648	-54.32	-13	-41.32	-64.57	-61.27	0.53	9.63	V
	2474	-53.67	-13	-40.67	-68.11	-61.65	0.65	10.78	V
	3299	-56.73	-13	-43.73	-73.39	-65.82	0.76	12.00	V
									V
									V
									V
Middle	1656	-54.17	-13	-41.17	-64.71	-61.14	0.53	9.64	H
	2488	-53.86	-13	-40.86	-67.79	-61.85	0.65	10.79	H
	3320	-55.81	-13	-42.81	-72.53	-64.96	0.76	12.06	H
									H
									H
									H
	1656	-53.25	-13	-40.25	-63.5	-60.22	0.53	9.64	V
	2488	-55.00	-13	-42.00	-69.35	-62.99	0.65	10.79	V
	3320	-56.73	-13	-43.73	-73.34	-65.88	0.76	12.06	V
									V
									V
									V
Highest	1672	-52.20	-13	-39.20	-62.86	-59.2	0.53	9.68	H
	2504	-52.43	-13	-39.43	-66.39	-60.43	0.66	10.80	H
	3336	-55.44	-13	-42.44	-72.21	-64.64	0.76	12.11	H
									H
									H
									H
	1672	-53.86	-13	-40.86	-64.12	-60.86	0.53	9.68	V
	2504	-55.76	-13	-42.76	-70.13	-63.76	0.66	10.80	V
	3336	-57.79	-13	-44.79	-74.37	-66.99	0.76	12.11	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.