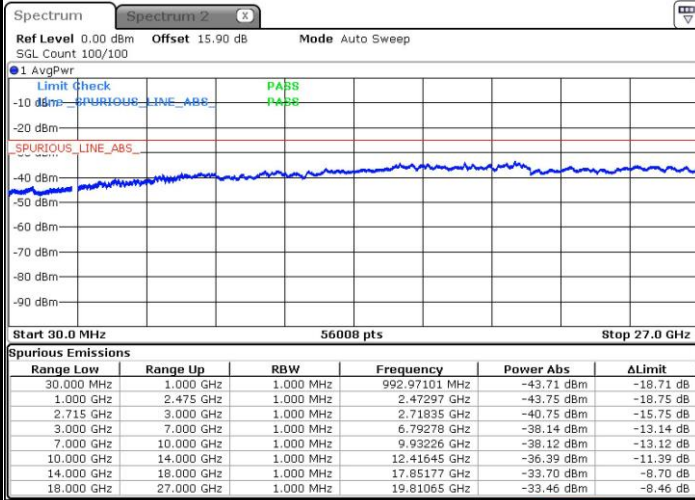




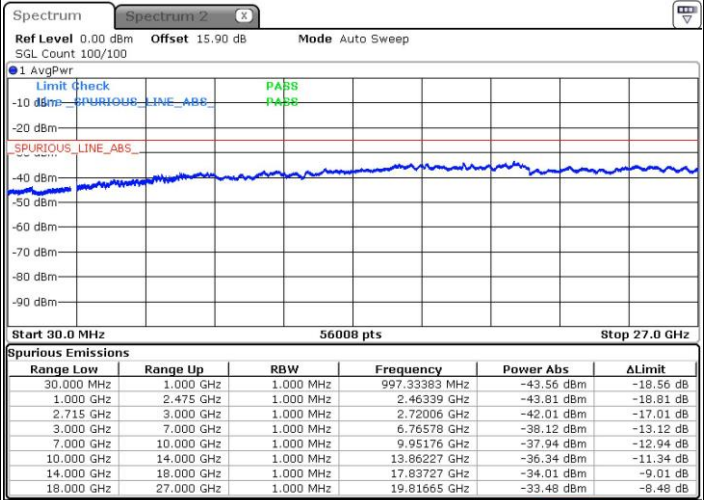
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 20.OCT.2018 21:54:59

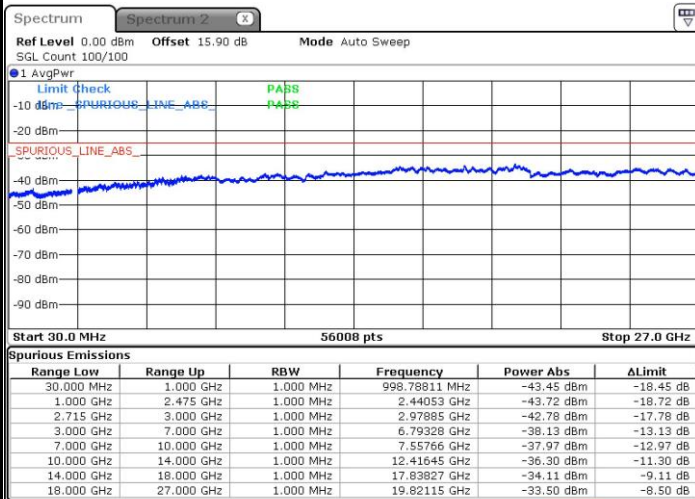
Highest Channel / 16QAM



Date: 20.OCT.2018 21:55:44

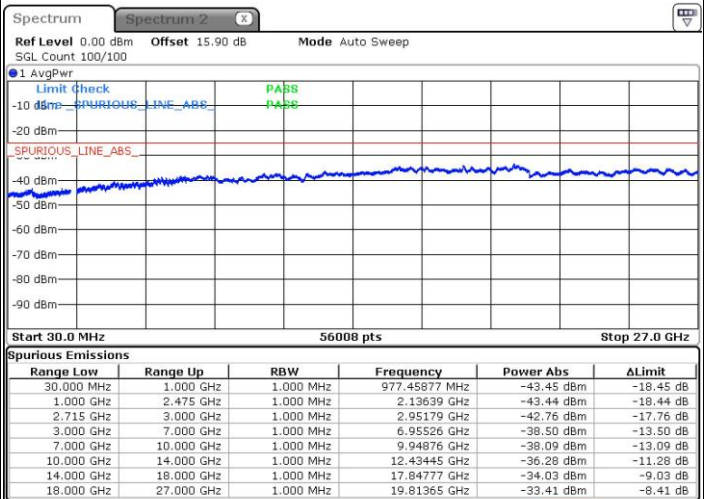
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 20.OCT.2018 21:56:29

Lowest Channel / 16QAM



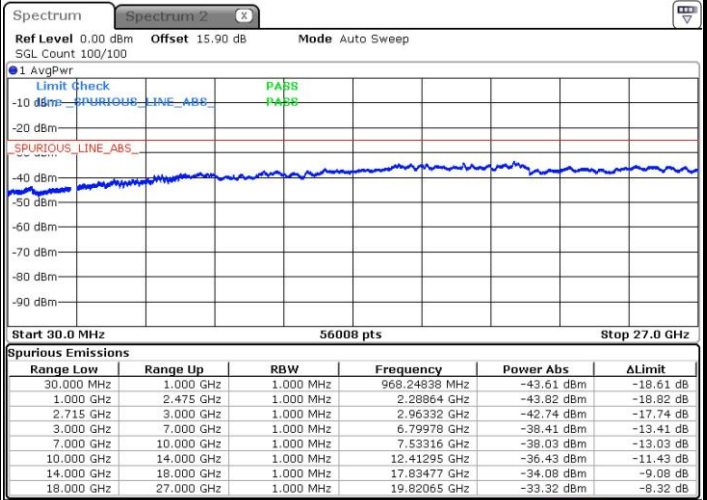
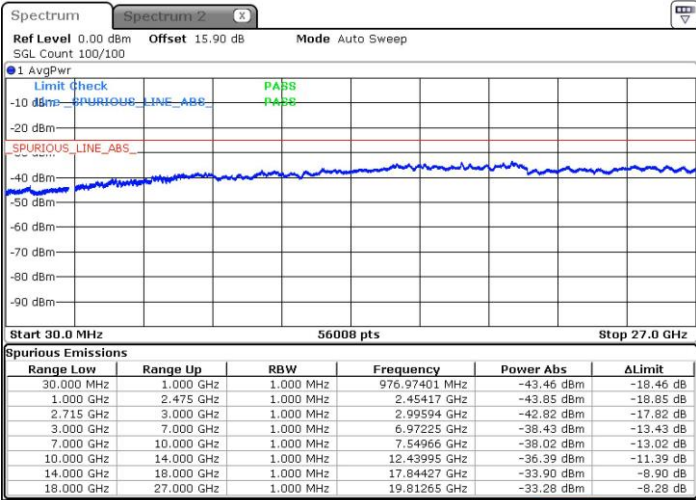
Date: 20.OCT.2018 21:57:14



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

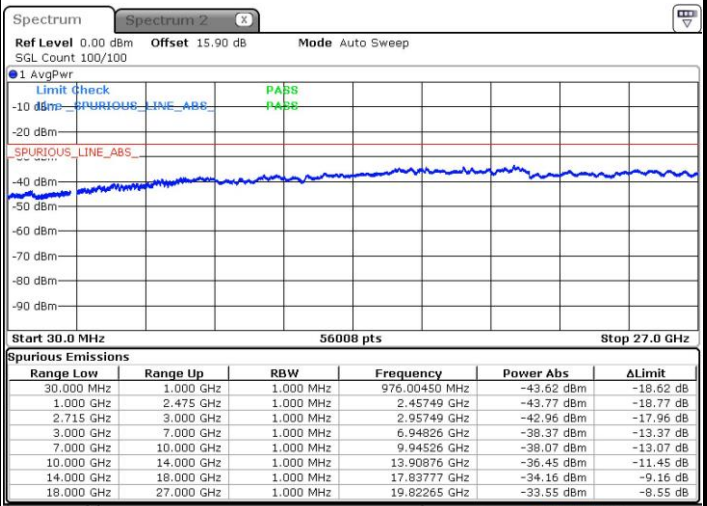
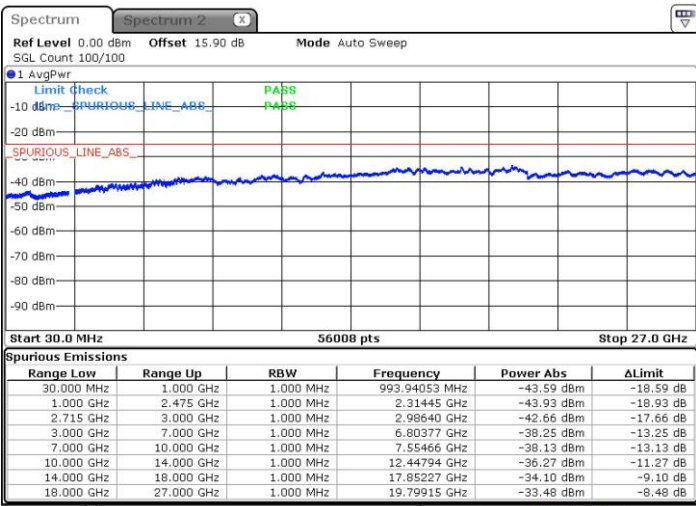


Date: 20.OCT.2018 21:57:58

Date: 20.OCT.2018 21:58:43

Highest Channel / QPSK

Highest Channel / 16QAM



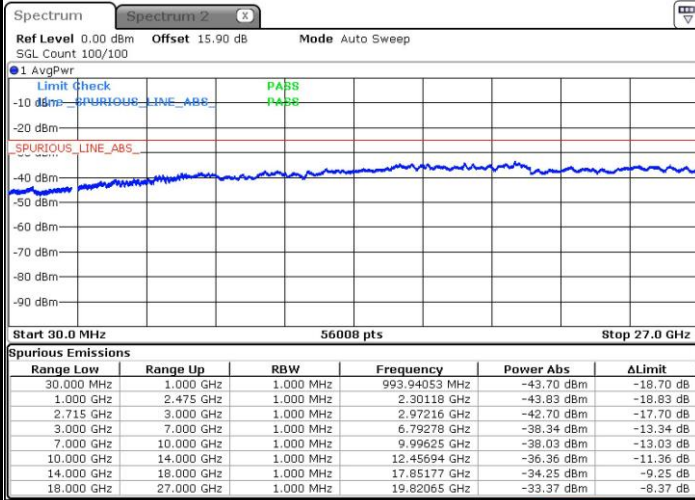
Date: 20.OCT.2018 21:59:28

Date: 20.OCT.2018 22:00:12



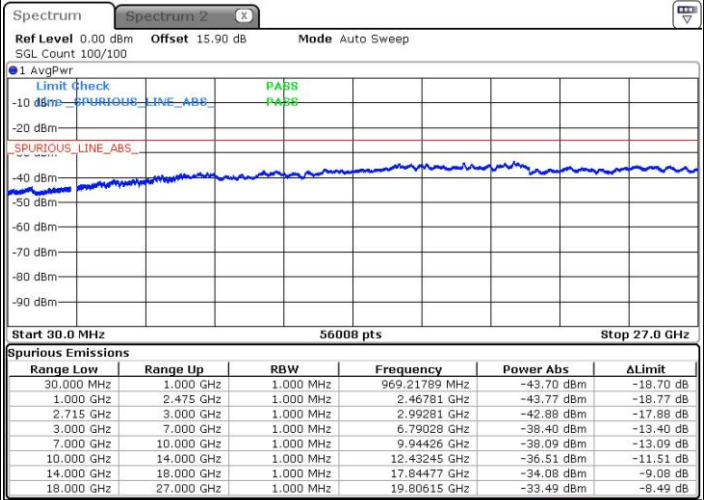
LTE Band 41 / 15MHz

Lowest Channel / QPSK



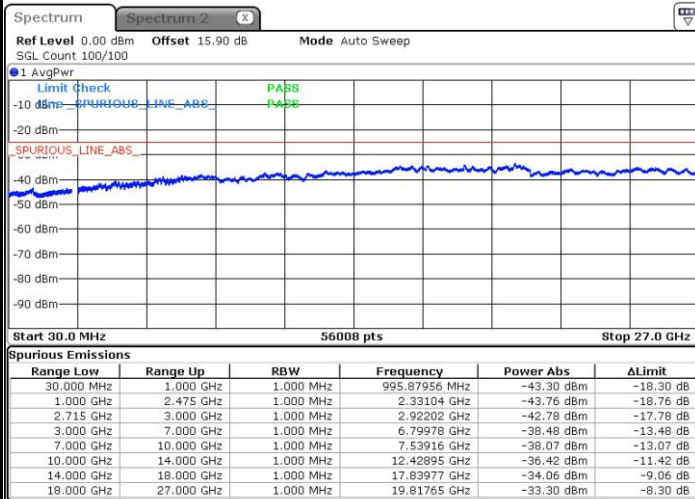
Date: 20.OCT.2018 22:00:57

Lowest Channel / 16QAM



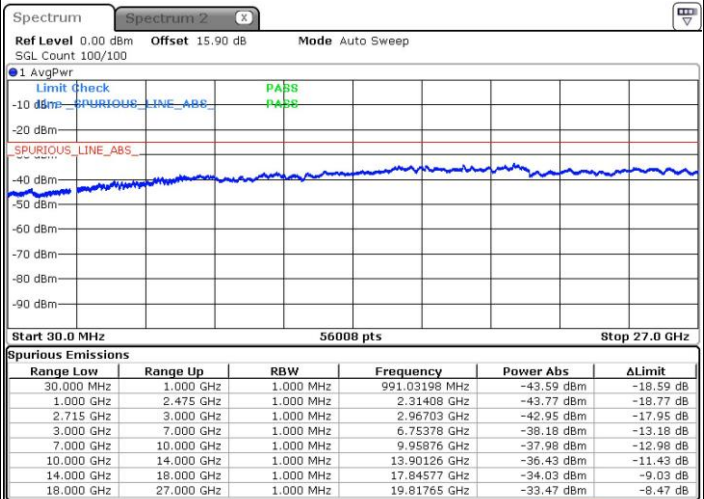
Date: 20.OCT.2018 22:01:42

Middle Channel / QPSK



Date: 20.OCT.2018 22:02:27

Middle Channel / 16QAM

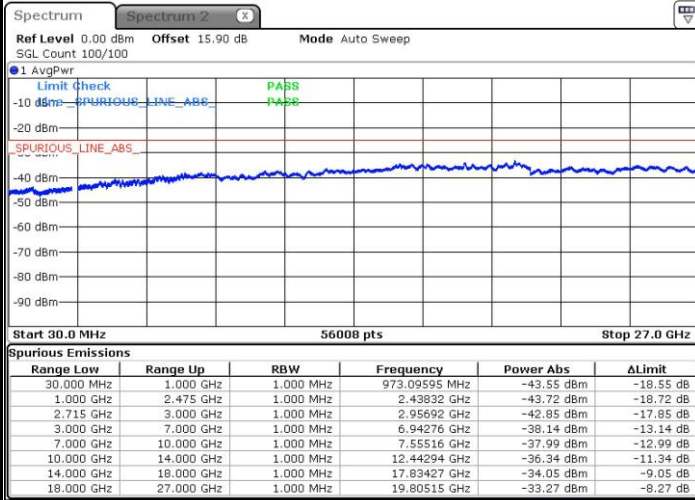


Date: 20.OCT.2018 22:03:12



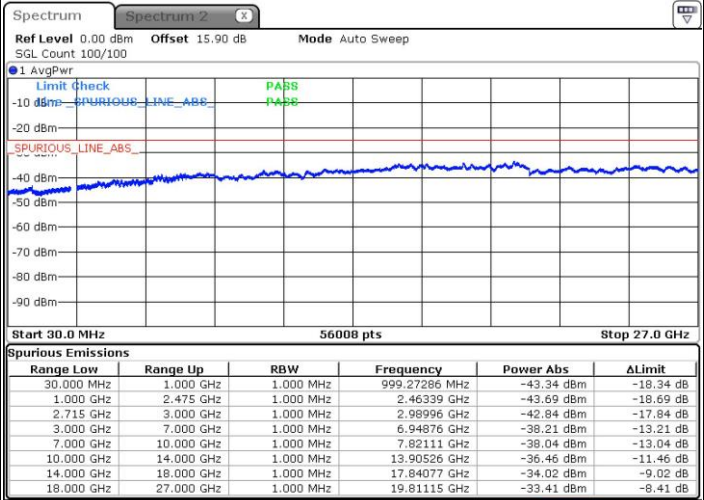
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 20.OCT.2018 22:03:56

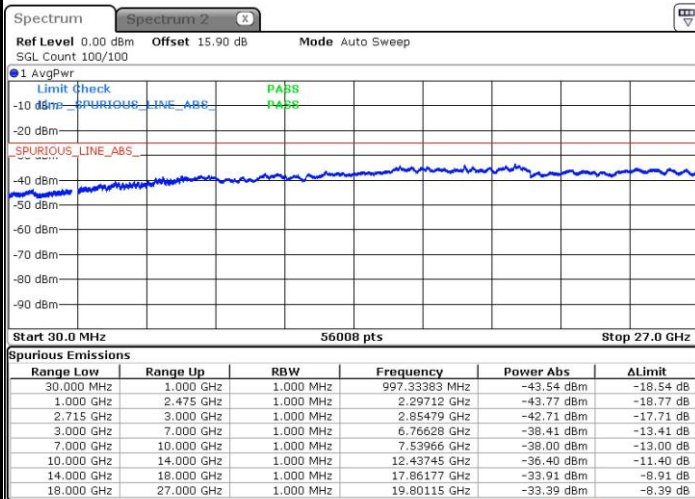
Highest Channel / 16QAM



Date: 20.OCT.2018 22:04:41

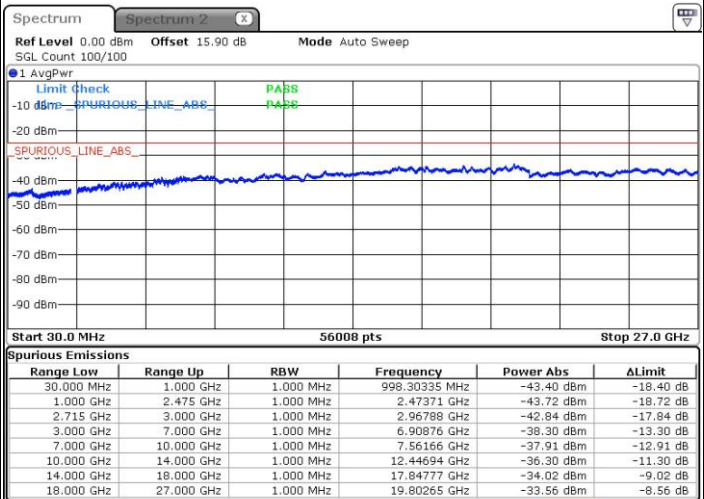
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 20.OCT.2018 22:05:26

Lowest Channel / 16QAM



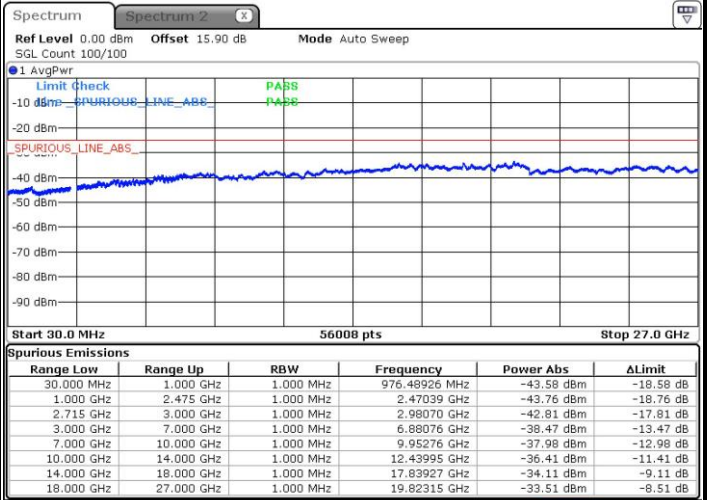
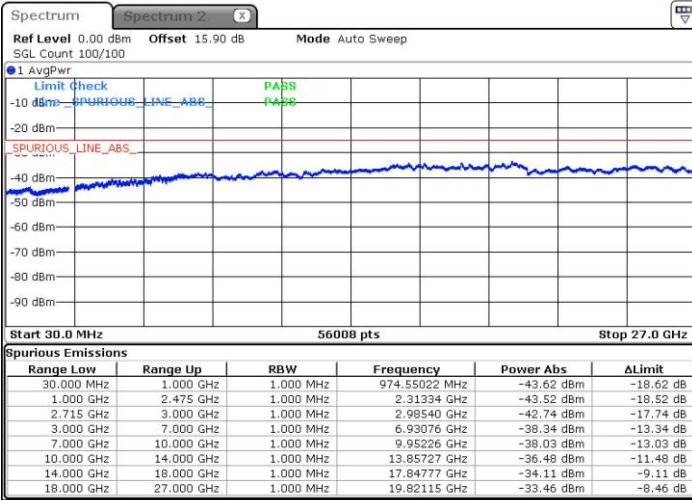
Date: 20.OCT.2018 22:06:11



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

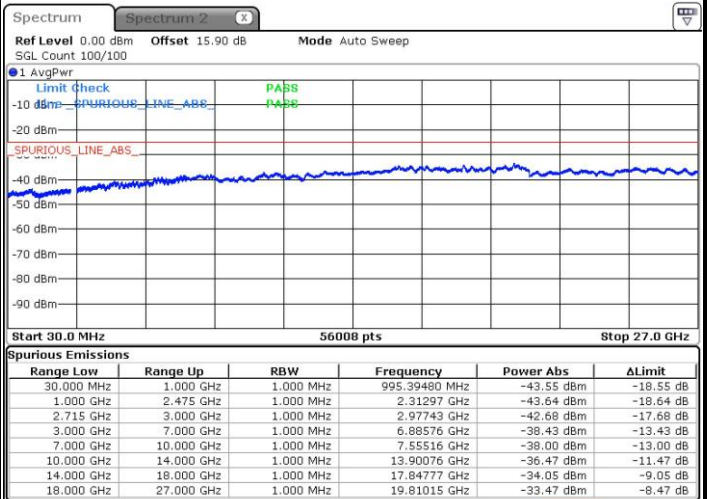
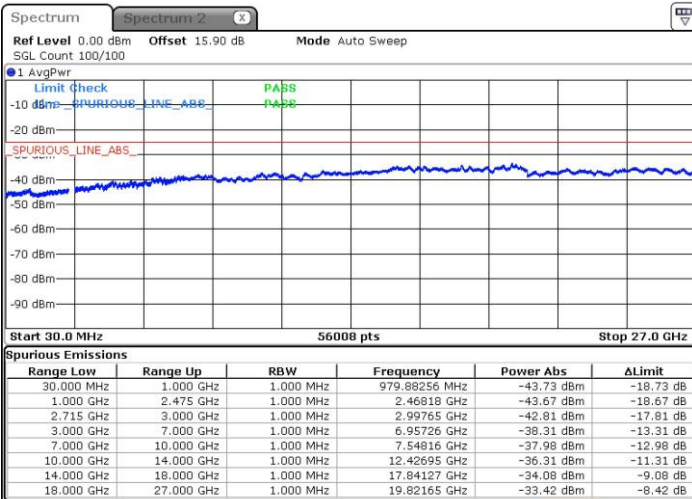


Date: 20.OCT.2018 22:06:55

Date: 20.OCT.2018 22:07:40

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20.OCT.2018 22:08:25

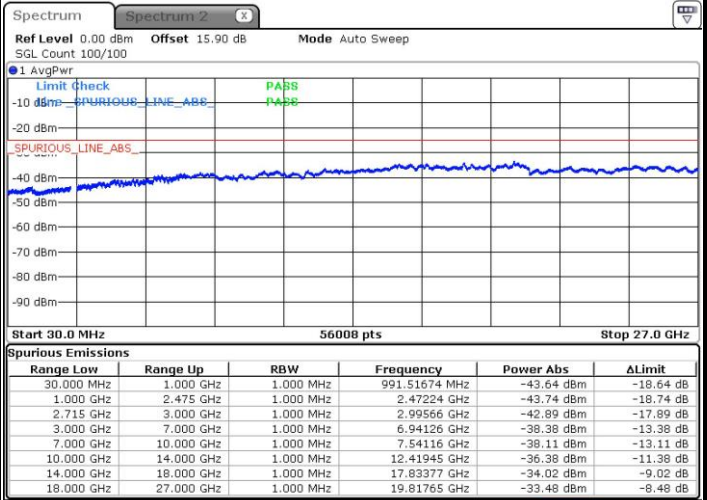
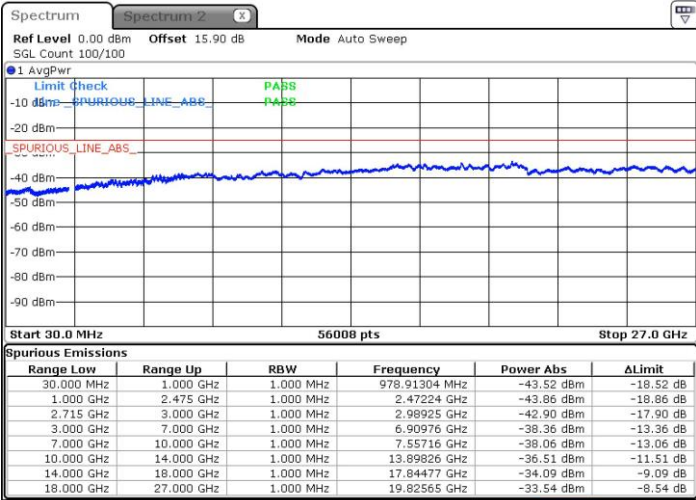
Date: 20.OCT.2018 22:09:10



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

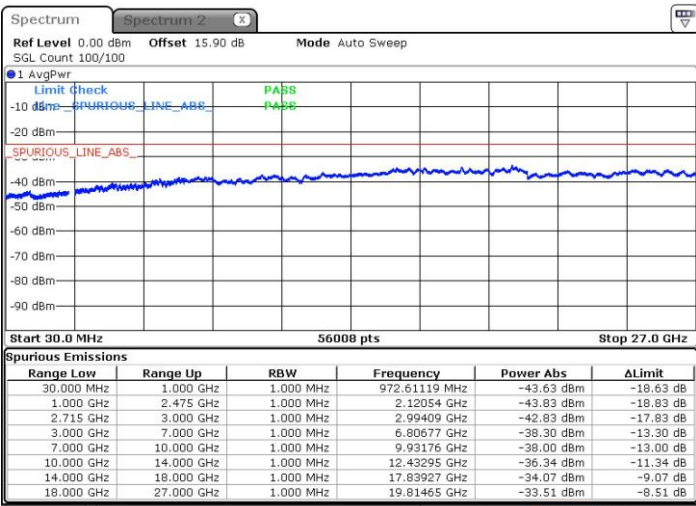
Middle Channel / 64QAM



Date: 20.OCT.2018 21:43:03

Date: 20.OCT.2018 21:43:48

Highest Channel / 64QAM



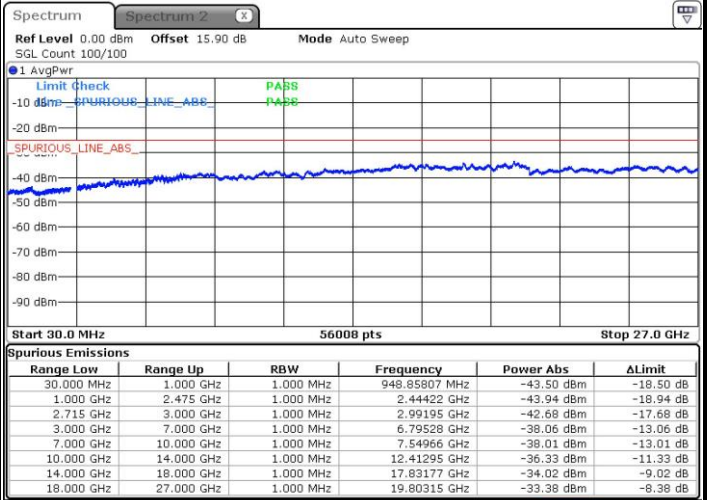
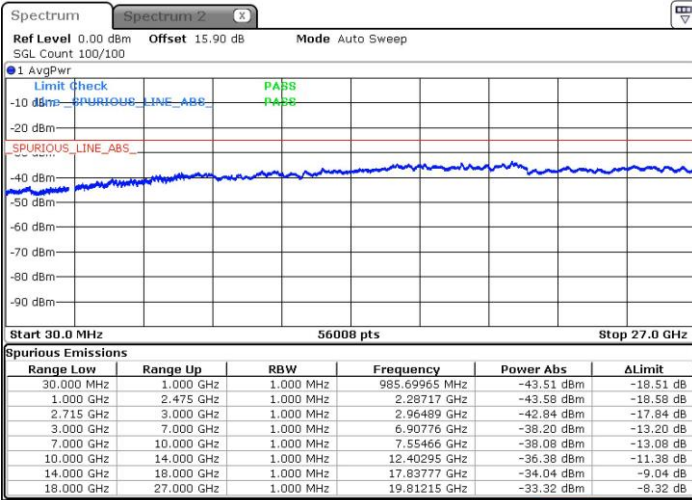
Date: 20.OCT.2018 21:44:33



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

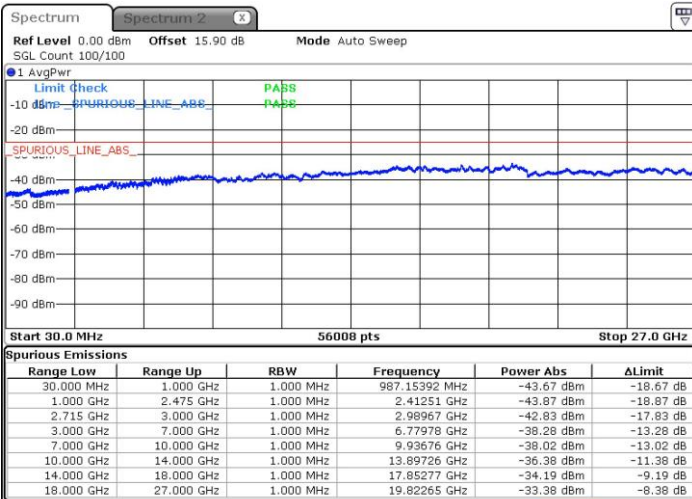
Middle Channel / 64QAM



Date: 20.OCT.2018 21:45:17

Date: 20.OCT.2018 21:46:02

Highest Channel / 64QAM



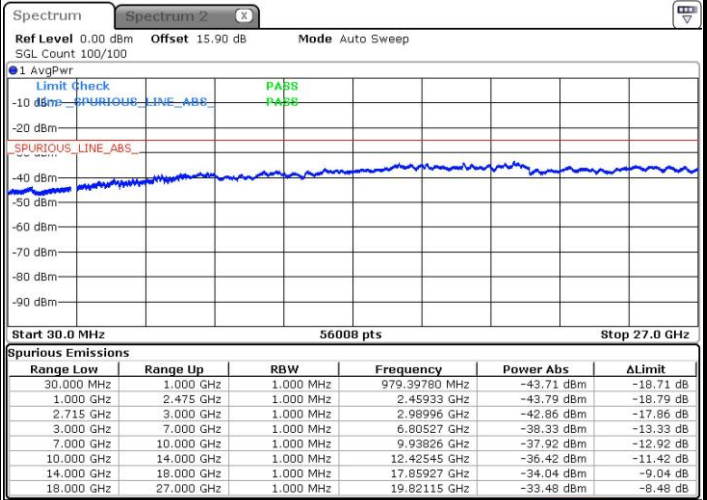
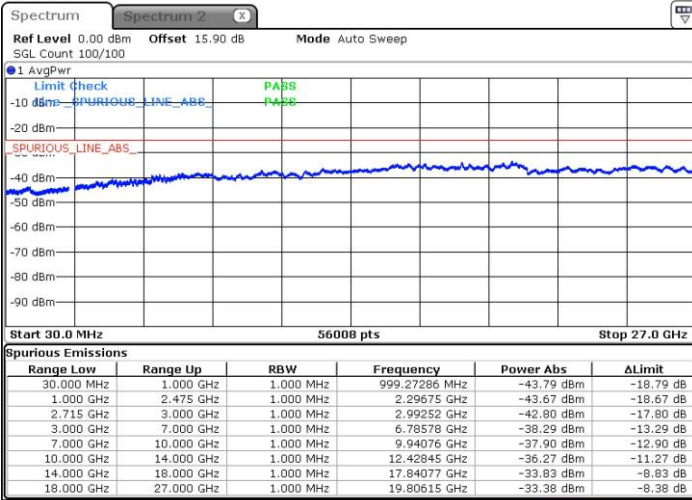
Date: 20.OCT.2018 21:46:47



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

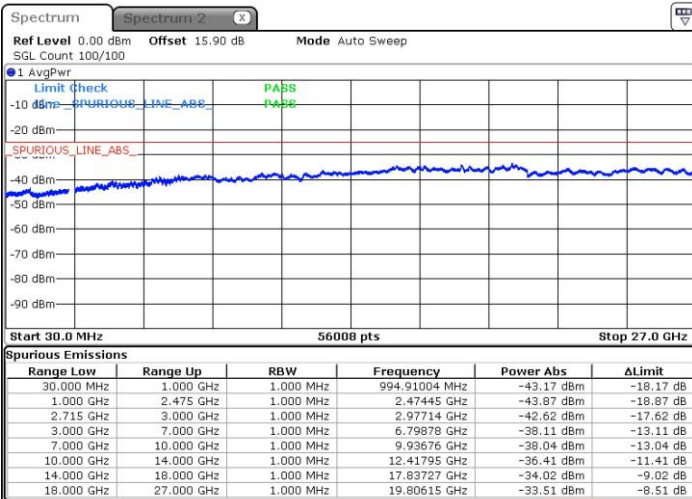
Middle Channel / 64QAM



Date: 20.OCT.2018 21:47:32

Date: 20.OCT.2018 21:48:16

Highest Channel / 64QAM



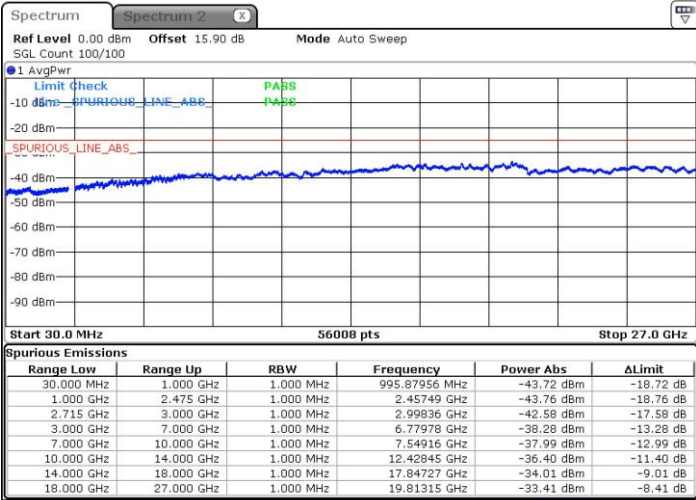
Date: 20.OCT.2018 21:49:01



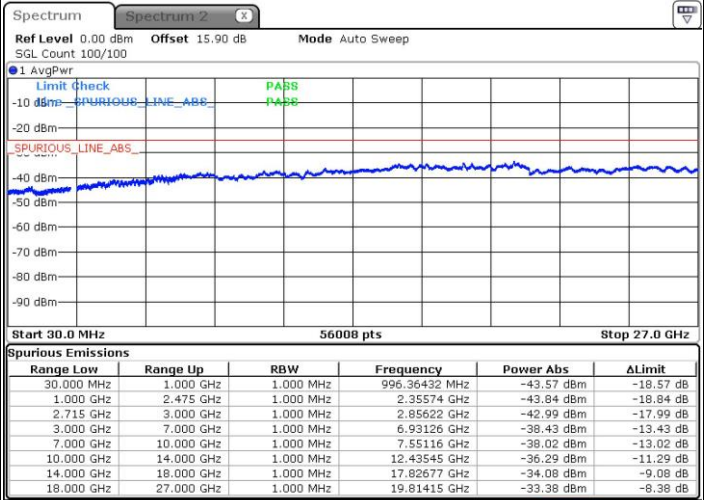
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

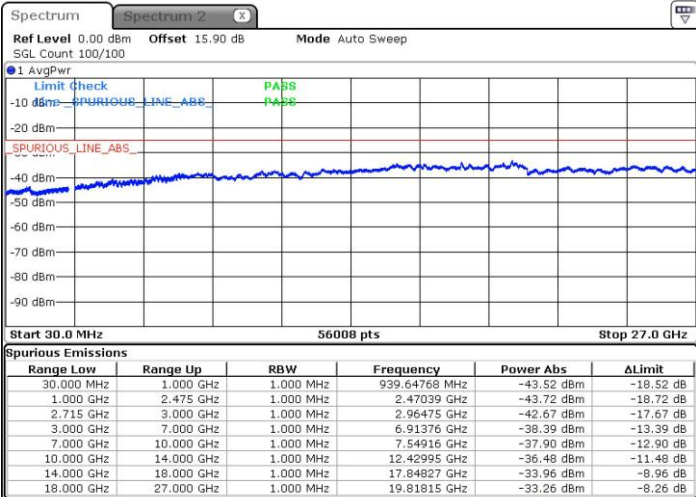


Date: 20.OCT.2018 21:49:46



Date: 20.OCT.2018 21:50:30

Highest Channel / 64QAM



Date: 20.OCT.2018 21:51:15



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0086	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0083	
-20	Normal Voltage	0.0078	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0086	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: 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 = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	24.66	0.2924	24.06	0.2547
Middle		3	1	24.58	0.2871	23.98	0.2500
Highest		3	1	24.15	0.2600	23.55	0.2265
Lowest	16QAM	3	1	23.58	0.2280	22.98	0.1986
Middle		3	1	23.72	0.2355	23.12	0.2051
Highest		3	1	22.93	0.1963	22.33	0.1710
Lowest	64QAM	1	3	22.94	0.1968	22.34	0.1714
Middle		1	3	22.65	0.1841	22.05	0.1603
Highest		1	3	22.41	0.1742	21.81	0.1517
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 3MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.64	0.2911	24.04	0.2535
Middle		1	0	24.53	0.2838	23.93	0.2472
Highest		1	0	24.00	0.2512	23.40	0.2188
Lowest	16QAM	1	0	23.88	0.2443	23.28	0.2128
Middle		1	0	23.46	0.2218	22.86	0.1932
Highest		1	0	23.51	0.2244	22.91	0.1954
Lowest	64QAM	1	14	22.78	0.1897	22.18	0.1652
Middle		1	14	22.65	0.1841	22.05	0.1603
Highest		1	14	22.22	0.1667	21.62	0.1452
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 5MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.53	0.2838	23.93	0.2472
Middle		1	12	24.51	0.2825	23.91	0.2460
Highest		1	12	24.19	0.2624	23.59	0.2286
Lowest	16QAM	1	24	23.72	0.2355	23.12	0.2051
Middle		1	24	24.00	0.2512	23.40	0.2188
Highest		1	24	23.54	0.2259	22.94	0.1968
Lowest	64QAM	1	0	22.92	0.1959	22.32	0.1706
Middle		1	0	22.91	0.1954	22.31	0.1702
Highest		1	0	22.18	0.1652	21.58	0.1439
Limit	EIRP < 2W		Result		PASS		



LTE Band 2 / 10MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.66	0.2924	24.06	0.2547
Middle		1	0	24.54	0.2844	23.94	0.2477
Highest		1	0	24.07	0.2553	23.47	0.2223
Lowest	16QAM	1	0	23.88	0.2443	23.28	0.2128
Middle		1	0	23.71	0.2350	23.11	0.2046
Highest		1	0	23.34	0.2158	22.74	0.1879
Lowest	64QAM	1	0	22.99	0.1991	22.39	0.1734
Middle		1	0	22.88	0.1941	22.28	0.1690
Highest		1	0	22.42	0.1746	21.82	0.1521
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.63	0.2904	24.03	0.2529
Middle		1	0	24.51	0.2825	23.91	0.2460
Highest		1	0	24.06	0.2547	23.46	0.2218
Lowest	16QAM	1	0	23.96	0.2489	23.36	0.2168
Middle		1	0	24.00	0.2512	23.40	0.2188
Highest		1	0	23.32	0.2148	22.72	0.1871
Lowest	64QAM	1	74	22.96	0.1977	22.36	0.1722
Middle		1	74	22.47	0.1766	21.87	0.1538
Highest		1	74	22.37	0.1726	21.77	0.1503
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.67	0.2931	24.07	0.2553
Middle		1	0	24.40	0.2754	23.80	0.2399
Highest		1	0	24.13	0.2588	23.53	0.2254
Lowest	16QAM	1	0	23.82	0.2410	23.22	0.2099
Middle		1	0	23.89	0.2449	23.29	0.2133
Highest		1	0	23.46	0.2218	22.86	0.1932
Lowest	64QAM	1	99	22.88	0.1941	22.28	0.1690
Middle		1	99	22.43	0.1750	21.83	0.1524
Highest		1	99	22.38	0.1730	21.78	0.1507
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.72	0.2355	22.52	0.1786
Middle		1	3	23.63	0.2307	22.43	0.1750
Highest		1	3	23.50	0.2239	22.30	0.1698
Lowest	16QAM	1	3	23.07	0.2028	21.87	0.1538
Middle		1	3	22.95	0.1972	21.75	0.1496
Highest		1	3	22.83	0.1919	21.63	0.1455
Lowest	64QAM	1	3	21.99	0.1581	20.79	0.1199
Middle		1	3	21.90	0.1549	20.70	0.1175
Highest		1	3	21.74	0.1493	20.54	0.1132
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.72	0.2355	22.52	0.1786
Middle		1	0	23.64	0.2312	22.44	0.1754
Highest		1	0	23.55	0.2265	22.35	0.1718
Lowest	16QAM	1	8	23.08	0.2032	21.88	0.1542
Middle		1	8	22.96	0.1977	21.76	0.1500
Highest		1	8	22.79	0.1901	21.59	0.1442
Lowest	64QAM	1	0	21.97	0.1574	20.77	0.1194
Middle		1	0	21.84	0.1528	20.64	0.1159
Highest		1	0	21.76	0.1500	20.56	0.1138
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.75	0.2371	22.55	0.1799
Middle		1	0	23.64	0.2312	22.44	0.1754
Highest		1	0	23.53	0.2254	22.33	0.1710
Lowest	16QAM	1	0	23.08	0.2032	21.88	0.1542
Middle		1	0	22.99	0.1991	21.79	0.1510
Highest		1	0	22.89	0.1945	21.69	0.1476
Lowest	64QAM	1	0	22.03	0.1596	20.83	0.1211
Middle		1	0	21.91	0.1552	20.71	0.1178
Highest		1	0	21.80	0.1514	20.60	0.1148
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.75	0.2371	22.55	0.1799
Middle		1	25	23.67	0.2328	22.47	0.1766
Highest		1	25	23.60	0.2291	22.40	0.1738
Lowest	16QAM	1	0	23.11	0.2046	21.91	0.1552
Middle		1	0	23.05	0.2018	21.85	0.1531
Highest		1	0	22.95	0.1972	21.75	0.1496
Lowest	64QAM	1	0	22.04	0.1600	20.84	0.1213
Middle		1	0	21.97	0.1574	20.77	0.1194
Highest		1	0	21.89	0.1545	20.69	0.1172
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.75	0.2371	22.55	0.1799
Middle		1	0	23.71	0.2350	22.51	0.1782
Highest		1	0	23.63	0.2307	22.43	0.1750
Lowest	16QAM	1	0	23.07	0.2028	21.87	0.1538
Middle		1	0	23.01	0.2000	21.81	0.1517
Highest		1	0	22.98	0.1986	21.78	0.1507
Lowest	64QAM	1	0	21.97	0.1574	20.77	0.1194
Middle		1	0	21.92	0.1556	20.72	0.1180
Highest		1	0	21.87	0.1538	20.67	0.1167
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.76	0.2377	22.56	0.1803
Middle		1	0	23.68	0.2333	22.48	0.1770
Highest		1	0	23.66	0.2323	22.46	0.1762
Lowest	16QAM	1	0	23.09	0.2037	21.89	0.1545
Middle		1	0	23.01	0.2000	21.81	0.1517
Highest		1	0	22.97	0.1982	21.77	0.1503
Lowest	64QAM	1	0	21.97	0.1574	20.77	0.1194
Middle		1	0	21.93	0.1560	20.73	0.1183
Highest		1	0	21.90	0.1549	20.70	0.1175
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	24.54	0.2844	17.29	0.0536
Middle		3	3	24.59	0.2877	17.34	0.0542
Highest		3	3	24.52	0.2831	17.27	0.0533
Lowest	16QAM	1	3	23.78	0.2388	16.53	0.0450
Middle		1	3	23.94	0.2477	16.69	0.0467
Highest		1	3	23.94	0.2477	16.69	0.0467
Lowest	64QAM	1	0	22.84	0.1923	15.59	0.0362
Middle		1	0	22.85	0.1928	15.60	0.0363
Highest		1	0	22.98	0.1986	15.73	0.0374
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 3MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.62	0.2897	17.37	0.0546
Middle		1	8	24.66	0.2924	17.41	0.0551
Highest		1	8	24.58	0.2871	17.33	0.0541
Lowest	16QAM	1	0	23.77	0.2382	16.52	0.0449
Middle		1	0	23.90	0.2455	16.65	0.0462
Highest		1	0	24.00	0.2512	16.75	0.0473
Lowest	64QAM	1	8	23.00	0.1995	15.75	0.0376
Middle		1	8	22.80	0.1905	15.55	0.0359
Highest		1	8	22.79	0.1901	15.54	0.0358
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 5MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.66	0.2924	17.41	0.0551
Middle		1	0	24.55	0.2851	17.30	0.0537
Highest		1	0	24.66	0.2924	17.41	0.0551
Lowest	16QAM	1	24	23.98	0.2500	16.73	0.0471
Middle		1	24	23.88	0.2443	16.63	0.0460
Highest		1	24	23.88	0.2443	16.63	0.0460
Lowest	64QAM	1	12	22.72	0.1871	15.47	0.0352
Middle		1	12	22.93	0.1963	15.68	0.0370
Highest		1	12	22.98	0.1986	15.73	0.0374
Limit	ERP < 7W		Result		PASS		



LTE Band 5 / 10MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.68	0.2938	17.43	0.0553
Middle		1	0	24.63	0.2904	17.38	0.0547
Highest		1	0	24.53	0.2838	17.28	0.0535
Lowest	16QAM	1	0	23.92	0.2466	16.67	0.0465
Middle		1	0	24.00	0.2512	16.75	0.0473
Highest		1	0	23.95	0.2483	16.70	0.0468
Lowest	64QAM	1	0	22.97	0.1982	15.72	0.0373
Middle		1	0	23.00	0.1995	15.75	0.0376
Highest		1	0	22.47	0.1766	15.22	0.0333
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.46	0.2793	18.31	0.0678
Middle		1	3	24.77	0.2999	18.62	0.0728
Highest		1	3	24.58	0.2871	18.43	0.0697
Lowest	16QAM	1	5	24.00	0.2512	17.85	0.0610
Middle		1	5	23.94	0.2477	17.79	0.0601
Highest		1	5	23.58	0.2280	17.43	0.0553
Lowest	64QAM	3	1	22.80	0.1905	16.65	0.0462
Middle		3	1	23.00	0.1995	16.85	0.0484
Highest		3	1	22.83	0.1919	16.68	0.0466
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.46	0.2793	18.31	0.0678
Middle		1	0	24.58	0.2871	18.43	0.0697
Highest		1	0	24.95	0.3126	18.80	0.0759
Lowest	16QAM	1	0	23.88	0.2443	17.73	0.0593
Middle		1	0	23.99	0.2506	17.84	0.0608
Highest		1	0	23.96	0.2489	17.81	0.0604
Lowest	64QAM	1	0	22.67	0.1849	16.52	0.0449
Middle		1	0	22.94	0.1968	16.79	0.0478
Highest		1	0	22.98	0.1986	16.83	0.0482
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.60	0.2884	18.45	0.0700
Middle		1	12	24.84	0.3048	18.69	0.0740
Highest		1	12	24.95	0.3126	18.80	0.0759
Lowest	16QAM	1	24	23.95	0.2483	17.80	0.0603
Middle		1	24	23.98	0.2500	17.83	0.0607
Highest		1	24	23.95	0.2483	17.80	0.0603
Lowest	64QAM	1	0	22.94	0.1968	16.79	0.0478
Middle		1	0	22.93	0.1963	16.78	0.0476
Highest		1	0	22.99	0.1991	16.84	0.0483
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	24.66	0.2924	18.51	0.0710
Middle		1	49	24.96	0.3133	18.81	0.0760
Highest		1	49	24.59	0.2877	18.44	0.0698
Lowest	16QAM	1	0	24.00	0.2512	17.85	0.0610
Middle		1	0	23.97	0.2495	17.82	0.0605
Highest		1	0	23.88	0.2443	17.73	0.0593
Lowest	64QAM	1	49	22.69	0.1858	16.54	0.0451
Middle		1	49	22.82	0.1914	16.67	0.0465
Highest		1	49	23.00	0.1995	16.85	0.0484
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.43	0.2773	17.28	0.0535
Middle		1	12	24.29	0.2685	17.14	0.0518
Highest		1	12	24.26	0.2667	17.11	0.0514
Lowest	16QAM	1	12	23.48	0.2228	16.33	0.0430
Middle		1	12	23.49	0.2234	16.34	0.0431
Highest		1	12	23.44	0.2208	16.29	0.0426
Lowest	64QAM	1	0	22.21	0.1663	15.06	0.0321
Middle		1	0	22.49	0.1774	15.34	0.0342
Highest		1	0	22.48	0.1770	15.33	0.0341
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.46	0.2793	17.31	0.0538
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.48	0.2228	16.33	0.0430
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.43	0.1750	15.28	0.0337
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.90	0.3090	18.75	0.0750
Middle		1	0	24.78	0.3006	18.63	0.0729
Highest		1	0	24.98	0.3148	18.83	0.0764
Lowest	16QAM	1	12	23.88	0.2443	17.73	0.0593
Middle		1	12	24.00	0.2512	17.85	0.0610
Highest		1	12	23.92	0.2466	17.77	0.0598
Lowest	64QAM	1	12	22.98	0.1986	16.83	0.0482
Middle		1	12	22.91	0.1954	16.76	0.0474
Highest		1	12	22.84	0.1923	16.69	0.0467
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.76	0.2992	18.61	0.0726
Middle		1	0	24.79	0.3013	18.64	0.0731
Highest		1	0	24.99	0.3155	18.84	0.0766
Lowest	16QAM	1	0	23.86	0.2432	17.71	0.0590
Middle		1	0	23.88	0.2443	17.73	0.0593
Highest		1	0	24.00	0.2512	17.85	0.0610
Lowest	64QAM	1	0	22.93	0.1963	16.78	0.0476
Middle		1	0	22.94	0.1968	16.79	0.0478
Highest		1	0	22.99	0.1991	16.84	0.0483
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.37	0.2735	22.57	0.1807
Middle		1	0	24.44	0.2780	22.64	0.1837
Highest		1	0	24.32	0.2704	22.52	0.1786
Lowest	16QAM	1	12	23.48	0.2228	21.68	0.1472
Middle		1	12	23.57	0.2275	21.77	0.1503
Highest		1	12	23.43	0.2203	21.63	0.1455
Lowest	64QAM	1	0	22.19	0.1656	20.39	0.1094
Middle		1	0	22.33	0.1710	20.53	0.1130
Highest		1	0	22.19	0.1656	20.39	0.1094
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.39	0.2748	22.59	0.1816
Middle		1	49	24.49	0.2812	22.69	0.1858
Highest		1	49	24.29	0.2685	22.49	0.1774
Lowest	16QAM	1	0	23.54	0.2259	21.74	0.1493
Middle		1	0	23.62	0.2301	21.82	0.1521
Highest		1	0	23.47	0.2223	21.67	0.1469
Lowest	64QAM	1	0	22.30	0.1698	20.50	0.1122
Middle		1	0	22.36	0.1722	20.56	0.1138
Highest		1	0	22.21	0.1663	20.41	0.1099
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.46	0.2793	22.66	0.1845
Middle		1	0	24.53	0.2838	22.73	0.1875
Highest		1	0	24.46	0.2793	22.66	0.1845
Lowest	16QAM	1	0	23.57	0.2275	21.77	0.1503
Middle		1	0	23.62	0.2301	21.82	0.1521
Highest		1	0	23.58	0.2280	21.78	0.1507
Lowest	64QAM	1	0	22.31	0.1702	20.51	0.1125
Middle		1	0	22.38	0.1730	20.58	0.1143
Highest		1	0	22.30	0.1698	20.50	0.1122
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	22.67	0.1849
Middle		1	0	24.52	0.2831	22.72	0.1871
Highest		1	0	24.45	0.2786	22.65	0.1841
Lowest	16QAM	1	0	23.62	0.2301	21.82	0.1521
Middle		1	0	23.64	0.2312	21.84	0.1528
Highest		1	0	23.59	0.2286	21.79	0.1510
Lowest	64QAM	1	0	22.31	0.1702	20.51	0.1125
Middle		1	0	22.40	0.1738	20.60	0.1148
Highest		1	0	22.32	0.1706	20.52	0.1127
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -5.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.53	0.2838	16.88	0.0488
Middle		1	3	24.55	0.2851	16.90	0.0490
Highest		1	3	24.44	0.2780	16.79	0.0478
Lowest	16QAM	1	3	24.00	0.2512	16.35	0.0432
Middle		1	3	23.97	0.2495	16.32	0.0429
Highest		1	3	23.99	0.2506	16.34	0.0431
Lowest	64QAM	3	1	22.81	0.1910	15.16	0.0328
Middle		3	1	22.78	0.1897	15.13	0.0326
Highest		3	1	22.59	0.1816	14.94	0.0312
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -5.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.53	0.2838	16.88	0.0488
Middle		1	0	24.55	0.2851	16.90	0.0490
Highest		1	0	24.52	0.2831	16.87	0.0486
Lowest	16QAM	1	8	23.96	0.2489	16.31	0.0428
Middle		1	8	23.91	0.2460	16.26	0.0423
Highest		1	8	23.65	0.2317	16.00	0.0398
Lowest	64QAM	1	14	22.86	0.1932	15.21	0.0332
Middle		1	14	22.99	0.1991	15.34	0.0342
Highest		1	14	22.80	0.1905	15.15	0.0327
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -5.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.50	0.2818	16.85	0.0484
Middle		1	0	24.55	0.2851	16.90	0.0490
Highest		1	0	24.55	0.2851	16.90	0.0490
Lowest	16QAM	1	0	23.99	0.2506	16.34	0.0431
Middle		1	0	23.97	0.2495	16.32	0.0429
Highest		1	0	23.95	0.2483	16.30	0.0427
Lowest	64QAM	1	0	22.60	0.1820	14.95	0.0313
Middle		1	0	22.62	0.1828	14.97	0.0314
Highest		1	0	22.38	0.1730	14.73	0.0297
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -5.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.39	0.2748	16.74	0.0472
Middle		1	0	24.38	0.2742	16.73	0.0471
Highest		1	0	24.55	0.2851	16.90	0.0490
Lowest	16QAM	1	0	23.67	0.2328	16.02	0.0400
Middle		1	0	23.92	0.2466	16.27	0.0424
Highest		1	0	23.57	0.2275	15.92	0.0391
Lowest	64QAM	1	0	22.86	0.1932	15.21	0.0332
Middle		1	0	22.59	0.1816	14.94	0.0312
Highest		1	0	22.66	0.1845	15.01	0.0317
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -5.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.56	0.2858	16.91	0.0491
Middle		1	0	24.55	0.2851	16.90	0.0490
Highest		1	0	24.51	0.2825	16.86	0.0485
Lowest	16QAM	1	37	23.50	0.2239	15.85	0.0385
Middle		1	37	23.66	0.2323	16.01	0.0399
Highest		1	37	23.96	0.2489	16.31	0.0428
Lowest	64QAM	1	0	22.88	0.1941	15.23	0.0333
Middle		1	0	22.98	0.1986	15.33	0.0341
Highest		1	0	22.68	0.1854	15.03	0.0318
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.06	0.3206	26.26	0.4227
Middle		1	0	25.26	0.3357	26.46	0.4426
Highest		1	0	25.16	0.3281	26.36	0.4325
Lowest	16QAM	1	24	24.24	0.2655	25.44	0.3499
Middle		1	24	24.39	0.2748	25.59	0.3622
Highest		1	24	24.32	0.2704	25.52	0.3565
Lowest	64QAM	1	24	22.95	0.1972	24.15	0.2600
Middle		1	24	23.12	0.2051	24.32	0.2704
Highest		1	24	23.07	0.2028	24.27	0.2673
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	25.16	0.3281	26.36	0.4325
Middle		1	49	25.29	0.3381	26.49	0.4457
Highest		1	49	25.24	0.3342	26.44	0.4406
Lowest	16QAM	1	49	24.28	0.2679	25.48	0.3532
Middle		1	49	24.39	0.2748	25.59	0.3622
Highest		1	49	24.32	0.2704	25.52	0.3565
Lowest	64QAM	1	0	22.97	0.1982	24.17	0.2612
Middle		1	0	23.13	0.2056	24.33	0.2710
Highest		1	0	23.07	0.2028	24.27	0.2673
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.15	0.3273	26.35	0.4315
Middle		1	0	25.27	0.3365	26.47	0.4436
Highest		1	0	25.29	0.3381	26.49	0.4457
Lowest	16QAM	1	74	24.44	0.2780	25.64	0.3664
Middle		1	74	24.46	0.2793	25.66	0.3681
Highest		1	74	24.37	0.2735	25.57	0.3606
Lowest	64QAM	1	74	23.15	0.2065	24.35	0.2723
Middle		1	74	23.19	0.2084	24.39	0.2748
Highest		1	74	23.11	0.2046	24.31	0.2698
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.07	0.3214	26.27	0.4236
Middle		1	0	25.30	0.3388	26.50	0.4467
Highest		1	0	25.26	0.3357	26.46	0.4426
Lowest	16QAM	1	99	24.37	0.2735	25.57	0.3606
Middle		1	99	24.40	0.2754	25.60	0.3631
Highest		1	99	24.31	0.2698	25.51	0.3556
Lowest	64QAM	1	99	23.09	0.2037	24.29	0.2685
Middle		1	99	23.13	0.2056	24.33	0.2710
Highest		1	99	23.05	0.2018	24.25	0.2661
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

<For Sample 1>

<Adapter 1>

LTE Band 2

LTE Band 2 / 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	-50.41	-13	-37.41	-67.35	-62.2	0.72	12.52	H
	5556	-49.43	-13	-36.43	-70.78	-61.6	1.00	13.17	H
	7404	-51.11	-13	-38.11	-76.05	-60.5	1.18	10.57	H
									H
									H
									H
									H
	3702	-49.01	-13	-36.01	-66.99	-60.8	0.72	12.52	V
	5556	-49.63	-13	-36.63	-71.2	-61.8	1.00	13.17	V
	7404	-51.71	-13	-38.71	-76.62	-61.1	1.18	10.57	V
									V
									V
									V
									V



Middle	3744	-49.00	-13	-36.00	-66.06	-60.8	0.70	12.50	H
	5616	-53.75	-13	-40.75	-74.71	-65.9	0.98	13.13	H
	7488	-52.66	-13	-39.66	-77.41	-61.9	1.18	10.42	H
									H
									H
									H
									H
	3744	-49.70	-13	-36.70	-67.56	-61.5	0.70	12.50	V
	5616	-52.05	-13	-39.05	-73.73	-64.2	0.98	13.13	V
	7488	-52.76	-13	-39.76	-77.28	-62	1.18	10.42	V
									V
									V
									V
									V
Highest	3780	-52.49	-13	-39.49	-69.27	-64.3	0.68	12.49	H
	5676	-53.39	-13	-40.39	-74.9	-65.5	0.99	13.09	H
	7566	-51.80	-13	-38.80	-76.45	-61.2	1.18	10.58	H
									H
									H
									H
									H
	3780	-53.79	-13	-40.79	-72.22	-65.6	0.68	12.49	V
	5676	-53.49	-13	-40.49	-75.1	-65.6	0.99	13.09	V
	7566	-52.00	-13	-39.00	-76.69	-61.4	1.18	10.58	V
									V
									V
									V
									V

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



LTE Band 4

LTE Band 4 / 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	3420	-45.61	-13	-32.61	-62.29	-57.2	0.77	12.36	H
	5136	-27.60	-13	-14.60	-48.06	-39.1	0.97	12.47	H
	8556	-40.98	-13	-27.98	-67.98	-51.6	1.36	11.98	H
									H
									H
									H
									H
	3420	-52.61	-13	-39.61	-69.26	-64.2	0.77	12.36	V
	5136	-29.70	-13	-16.70	-50.13	-41.2	0.97	12.47	V
	8556	-40.68	-13	-27.68	-67.22	-51.3	1.36	11.98	V
									V
									V
									V
									V
Middle	3450	-52.53	-13	-39.53	-69.74	-64.2	0.78	12.45	H
	5172	-33.74	-13	-20.74	-54.36	-45.3	0.98	12.54	H
	8616	-45.12	-13	-32.12	-72.65	-55.8	1.39	12.06	H
									H
									H
									H
									H
	3450	-51.93	-13	-38.93	-68.94	-63.6	0.78	12.45	V
	5172	-33.94	-13	-20.94	-54.21	-45.5	0.98	12.54	V
	8616	-45.72	-13	-32.72	-72.79	-56.4	1.39	12.06	V
									V
									V
									V
									V



Highest	3474	-48.86	-13	-35.86	-66.57	-60.6	0.78	12.52	H
	5208	-31.28	-13	-18.28	-51.99	-42.9	0.99	12.62	H
	8682	-41.84	-13	-28.84	-69.07	-52.6	1.39	12.15	H
									H
									H
									H
									H
	3474	-50.36	-13	-37.36	-67.85	-62.1	0.78	12.52	V
	5208	-33.78	-13	-20.78	-54.29	-45.4	0.99	12.62	V
	8682	-42.54	-13	-29.54	-69.33	-53.3	1.39	12.15	V
									V
									V
									V
									V

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



LTE Band 5

LTE Band 5 / 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	-49.35	-13	-36.35	-58.92	-56.3	0.53	9.63	H
	2472	-34.42	-13	-21.42	-47.37	-42.4	0.65	10.78	H
	4120	-47.86	-13	-34.86	-65.09	-57.2	0.86	12.35	H
									H
									H
									H
									H
	1648	-45.95	-13	-32.95	-55.42	-52.9	0.53	9.63	V
	2472	-32.92	-13	-19.92	-46.69	-40.9	0.65	10.78	V
	4120	-46.56	-13	-33.56	-64.77	-55.9	0.86	12.35	V
									V
									V
									V
									V
Middle	1664	-48.72	-13	-35.72	-58.66	-55.7	0.53	9.66	H
	2496	-33.91	-13	-20.91	-47.36	-41.9	0.65	10.80	H
	4160	-47.86	-13	-34.86	-65.04	-57.2	0.85	12.34	H
									H
									H
									H
									H
	1664	-46.62	-13	-33.62	-55.81	-53.6	0.53	9.66	V
	2496	-34.81	-13	-21.81	-48.21	-42.8	0.65	10.80	V
	4160	-53.36	-13	-40.36	-71.73	-62.7	0.85	12.34	V
									V
									V
									V
									V



Highest	1680	-49.48	-13	-36.48	-58.88	-56.5	0.53	9.70	H
	2520	-34.80	-13	-21.80	-48.17	-42.8	0.66	10.81	H
	4200	-46.27	-13	-33.27	-63.45	-55.6	0.84	12.32	H
									H
									H
									H
									H
	1680	-46.08	-13	-33.08	-55.41	-53.1	0.53	9.70	V
	2520	-34.20	-13	-21.20	-47.73	-42.2	0.66	10.81	V
	4200	-48.17	-13	-35.17	-66.92	-57.5	0.84	12.32	V
									V
									V
									V
									V

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



LTE Band 12

LTE Band 12 / 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	1416	-50.23	-13	-37.23	-61.40	-56.37	0.50	8.80	H
	2128	-43.07	-13	-30.07	-56.99	-50.83	0.59	10.50	H
	2832	-59.87	-13	-46.87	-74.34	-68.01	0.71	11.00	H
									H
									H
									H
									H
	1416	-50.96	-13	-37.96	-61.93	-57.10	0.50	8.80	V
	2128	-43.31	-13	-30.31	-57.12	-51.07	0.59	10.50	V
	2832	-59.34	-13	-46.34	-74.13	-67.48	0.71	11.00	V
									V
									V
									V
									V
Middle	1424	-50.17	-13	-37.17	-61.47	-56.36	0.50	8.84	H
	2136	-43.56	-13	-30.56	-57.48	-51.33	0.59	10.51	H
	2848	-59.37	-13	-46.37	-73.89	-67.52	0.71	11.01	H
									H
									H
									H
									H
	1424	-50.90	-13	-37.90	-61.74	-57.09	0.50	8.84	V
	2136	-42.25	-13	-29.25	-56.06	-50.02	0.59	10.51	V
	2848	-59.40	-13	-46.40	-74.20	-67.55	0.71	11.01	V
									V
									V
									V
									V



Highest	1432	-43.32	-13	-30.32	-54.63	-49.56	0.50	8.89	H
	2144	-43.64	-13	-30.64	-57.85	-51.41	0.59	10.52	H
	2864	-59.51	-13	-46.51	-74.08	-67.66	0.72	11.02	H
									H
									H
									H
									H
	1432	-40.16	-13	-27.16	-51.01	-46.40	0.50	8.89	V
	2144	-41.83	-13	-28.83	-55.99	-49.60	0.59	10.52	V
	2864	-58.83	-13	-45.83	-73.64	-66.98	0.72	11.02	V
									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	-58.18	-42.15	-16.03	-68.57	-64.95	0.51	9.43	H
	2336	-44.89	-13	-31.89	-59.04	-52.79	0.62	10.67	H
	3120	-58.62	-13	-45.62	-74.14	-67.19	0.74	11.46	H
									H
									H
									H
									H
	1560	-56.40	-42.15	-14.25	-66.22	-63.17	0.51	9.43	V
	2336	-41.52	-13	-28.52	-56.19	-49.42	0.62	10.67	V
	3120	-58.32	-13	-45.32	-74.07	-66.89	0.74	11.46	V
									V
									V
									V
									V
Middle	1560	-55.96	-42.15	-13.81	-66.35	-62.73	0.51	9.43	H
	2344	-44.28	-13	-31.28	-58.29	-52.18	0.62	10.68	H
	3120	-58.98	-13	-45.98	-74.50	-67.55	0.74	11.46	H
									H
									H
									H
									H
	1560	-56.26	-42.15	-14.11	-66.08	-63.03	0.51	9.43	V
	2344	-39.43	-13	-26.43	-54.02	-47.33	0.62	10.68	V
	3120	-58.55	-13	-45.55	-74.30	-67.12	0.74	11.46	V
									V
									V
									V
									V



Highest	1568	-57.35	-42.15	-15.20	-67.25	-64.13	0.52	9.45	H
	2352	-44.55	-13	-31.55	-58.57	-52.46	0.63	10.68	H
	3136	-58.67	-13	-45.67	-74.28	-67.28	0.74	11.51	H
									H
									H
									H
									H
	1568	-57.25	-42.15	-15.10	-66.89	-64.03	0.52	9.45	V
	2352	-41.44	-13	-28.44	-56.04	-49.35	0.63	10.68	V
	3136	-58.64	-13	-45.64	-74.53	-67.25	0.74	11.51	V
									V
									V
									V
									V

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



LTE Band 13 / 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)
Middle	1560	-56.77	-42.15	-14.62	-67.16	-63.54	0.51	9.43	H
	2344	-46.96	-13	-33.96	-60.97	-54.86	0.62	10.68	H
	3120	-58.66	-13	-45.66	-74.18	-67.23	0.74	11.46	H
									H
									H
									H
									H
	1560	-57.35	-42.15	-15.20	-67.17	-64.12	0.51	9.43	V
	2344	-43.00	-13	-30.00	-57.59	-50.9	0.62	10.68	V
	3120	-58.41	-13	-45.41	-74.16	-66.98	0.74	11.46	V
									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	1408	-45.29	-13	-32.29	-56.46	-51.39	0.50	8.75	H
	2112	-36.88	-13	-23.88	-50.52	-44.63	0.59	10.49	H
	2816	-59.75	-13	-46.75	-74.17	-67.88	0.71	10.99	H
	3520	-50.29	-13	-37.29	-66.80	-59.95	0.78	12.59	H
									H
									H
									H
	1408	-47.64	-13	-34.64	-58.61	-53.74	0.50	8.75	V
	2112	-42.44	-13	-29.44	-55.90	-50.19	0.59	10.49	V
	2816	-59.40	-13	-46.40	-74.20	-67.53	0.71	10.99	V
	3520	-52.42	-13	-39.42	-69.92	-62.08	0.78	12.59	V
									V
									V
									V
Middle	1408	-45.91	-13	-32.91	-57.08	-52.01	0.50	8.75	H
	2120	-36.36	-13	-23.36	-50.00	-44.11	0.59	10.50	H
	2824	-59.53	-13	-46.53	-73.95	-67.67	0.71	10.99	H
	3528	-49.88	-13	-36.88	-66.33	-59.54	0.78	12.59	H
									H
									H
									H
	1408	-47.23	-13	-34.23	-58.20	-53.33	0.50	8.75	V
	2120	-43.54	-13	-30.54	-57.00	-51.29	0.59	10.50	V
	2824	-58.48	-13	-45.48	-73.28	-66.62	0.71	10.99	V
	3528	-51.71	-13	-38.71	-69.18	-61.37	0.78	12.59	V
									V
									V
									V



Highest	1416	-46.69	-13	-33.69	-57.86	-52.83	0.50	8.80	H
	2120	-38.48	-13	-25.48	-52.12	-46.23	0.59	10.50	H
	2832	-59.36	-13	-46.36	-73.83	-67.50	0.71	11.00	H
	3536	-51.29	-13	-38.29	-67.74	-60.94	0.78	12.59	H
									H
									H
									H
	1416	-49.61	-13	-36.61	-60.58	-55.75	0.50	8.80	V
	2120	-43.97	-13	-30.97	-57.43	-51.72	0.59	10.50	V
	2832	-59.19	-13	-46.19	-73.98	-67.33	0.71	11.00	V
	3536	-49.84	-13	-36.84	-67.31	-59.49	0.78	12.59	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	4994	-55.35	-25	-30.35	-75.81	-66.64	0.91	12.20	H
	7494	-49.30	-25	-24.30	-74.21	-58.53	1.18	10.41	H
	9988	-46.40	-25	-21.40	-77.17	-56.74	1.40	11.73	H
									H
									H
									H
									H
	4994	-55.08	-25	-30.08	-75.71	-66.37	0.91	12.20	V
	7494	-50.62	-25	-25.62	-75.61	-59.85	1.18	10.41	V
	9988	-46.76	-25	-21.76	-77.19	-57.1	1.40	11.73	V
									V
									V
									V
									V
Middle	5168	-55.70	-25	-30.70	-76.36	-67.25	0.98	12.54	H
	7752	-50.76	-25	-25.76	-76.09	-60.68	1.19	11.11	H
	10336	-46.06	-25	-21.06	-76.68	-56.12	1.40	11.46	H
									H
									H
									H
									H
	5168	-55.88	-25	-30.88	-76.7	-67.43	0.98	12.54	V
	7752	-50.74	-25	-25.74	-76.03	-60.66	1.19	11.11	V
	10336	-45.92	-25	-20.92	-76.35	-55.98	1.40	11.46	V
									V
									V
									V
									V



Highest	5340	-56.65	-25	-31.65	-77.73	-68.48	1.05	12.88	H
	8016	-49.54	-25	-24.54	-76.35	-60.14	1.20	11.80	H
	10692	-46.69	-25	-21.69	-77.03	-56.04	1.43	10.79	H
									H
									H
									H
									H
	5340	-56.84	-25	-31.84	-78.03	-68.67	1.05	12.88	V
	8016	-49.23	-25	-24.23	-76.17	-59.83	1.20	11.80	V
	10692	-46.93	-25	-21.93	-77.15	-56.28	1.43	10.79	V
									V
									V
									V
									V

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



LTE Band 38

LTE Band 38 / 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	5142	-55.22	-25	-30.22	-75.81	-66.73	0.97	12.48	H
	7713	-50.71	-25	-25.71	-76	-60.52	1.19	11.00	H
	10284	-45.46	-25	-20.46	-76.1	-55.63	1.39	11.56	H
									H
									H
									H
									H
	5142	-55.06	-25	-30.06	-75.82	-66.57	0.97	12.48	V
	7713	-50.56	-25	-25.56	-75.75	-60.37	1.19	11.00	V
	10284	-45.74	-25	-20.74	-76.17	-55.91	1.39	11.56	V
									V
									V
									V
									V
Middle	5172	-55.26	-25	-30.26	-75.92	-66.82	0.98	12.54	H
	7758	-50.52	-25	-25.52	-75.85	-60.45	1.19	11.12	H
	10344	-45.36	-25	-20.36	-75.98	-55.41	1.40	11.45	H
									H
									H
									H
									H
	5172	-55.27	-25	-30.27	-76.09	-66.83	0.98	12.54	V
	7758	-50.17	-25	-25.17	-75.46	-60.1	1.19	11.12	V
	10344	-45.18	-25	-20.18	-75.61	-55.23	1.40	11.45	V
									V
									V
									V
									V



Highest	5202	-55.65	-25	-30.65	-76.37	-67.26	0.99	12.60	H
	7803	-50.45	-25	-25.45	-75.95	-60.51	1.19	11.25	H
	10404	-45.47	-25	-20.47	-76.07	-55.4	1.41	11.33	H
									H
									H
									H
									H
	5202	-55.45	-25	-30.45	-76.33	-67.06	0.99	12.60	V
	7803	-50.22	-25	-25.22	-75.74	-60.28	1.19	11.25	V
	10404	-45.64	-25	-20.64	-76.08	-55.57	1.41	11.33	V
									V
									V
									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	-44.25	-13	-31.25	-54.04	-51.2	0.53	9.63	H
	2472	-33.92	-13	-20.92	-47.02	-41.9	0.65	10.78	H
	4120	-50.86	-13	-37.86	-67.98	-60.2	0.86	12.35	H
									H
									H
									H
									H
	1648	-51.95	-13	-38.95	-61.49	-58.9	0.53	9.63	V
	2472	-37.12	-13	-24.12	-50.69	-45.1	0.65	10.78	V
	4120	-54.56	-13	-41.56	-72.56	-63.9	0.86	12.35	V
									V
									V
									V
									V
Middle	1664	-44.62	-13	-31.62	-54.18	-51.6	0.53	9.66	H
	2496	-33.21	-13	-20.21	-46.22	-41.2	0.65	10.80	H
	4160	-49.86	-13	-36.86	-67.3	-59.2	0.85	12.34	H
									H
									H
									H
									H
	1664	-52.72	-13	-39.72	-61.74	-59.7	0.53	9.66	V
	2496	-37.21	-13	-24.21	-50.51	-45.2	0.65	10.80	V
	4160	-53.46	-13	-40.46	-71.88	-62.8	0.85	12.34	V
									V
									V
									V
									V



Highest	1680	-43.78	-13	-30.78	-53.38	-50.8	0.53	9.70	H
	2520	-30.58	-13	-17.58	-43.51	-38.58	0.66	10.81	H
	4200	-51.87	-13	-38.87	-68.96	-61.2	0.84	12.32	H
									H
									H
									H
									H
	1680	-52.58	-13	-39.58	-61.97	-59.6	0.53	9.70	V
	2520	-31.70	-13	-18.70	-45.19	-39.7	0.66	10.81	V
	4200	-54.87	-13	-41.87	-73.42	-64.2	0.84	12.32	V
									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	-49.65	-13	-36.65	-59.28	-56.6	0.53	9.63	H
	2472	-32.12	-13	-19.12	-45.32	-40.1	0.65	10.78	H
	4128	-53.76	-13	-40.76	-70.58	-63.1	0.86	12.35	H
									H
									H
									H
									H
	1648	-58.55	-13	-45.55	-67.96	-65.5	0.53	9.63	V
	2472	-39.12	-13	-26.12	-53.27	-47.1	0.65	10.78	V
	4128	-55.76	-13	-42.76	-73.81	-65.1	0.86	12.35	V
									V
									V
									V
									V
Middle	1656	-46.63	-13	-33.63	-56.64	-53.6	0.53	9.64	H
	2488	-29.21	-13	-16.21	-42.32	-37.2	0.65	10.79	H
	4152	-52.76	-13	-39.76	-69.84	-62.1	0.85	12.34	H
									H
									H
									H
									H
	1656	-55.63	-13	-42.63	-65.17	-62.6	0.53	9.64	V
	2488	-34.61	-13	-21.61	-48.4	-42.6	0.65	10.79	V
	4152	-54.26	-13	-41.26	-72.05	-63.6	0.85	12.34	V
									V
									V
									V
									V



Highest	1672	-50.20	-13	-37.20	-59.94	-57.2	0.53	9.68	H
	2504	-32.20	-13	-19.20	-45.39	-40.2	0.66	10.80	H
	4176	-51.86	-13	-38.86	-68.92	-61.2	0.84	12.33	H
									H
									H
									H
									H
	1672	-59.10	-13	-46.10	-68.58	-66.1	0.53	9.68	V
	2504	-38.30	-13	-25.30	-51.49	-46.3	0.66	10.80	V
	4176	-55.46	-13	-42.46	-73.45	-64.8	0.84	12.33	V
									V
									V
									V
									V

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