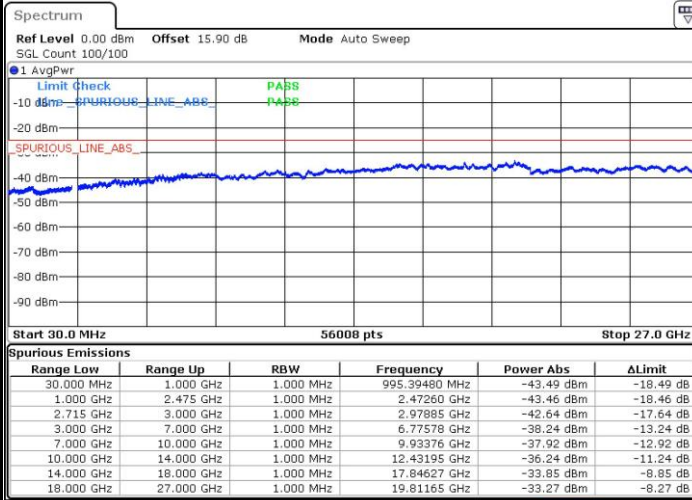




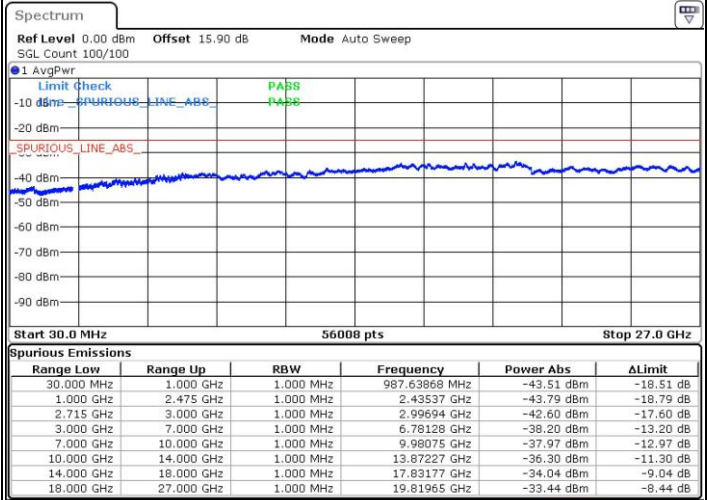
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 23 OCT 2018 19:59:33

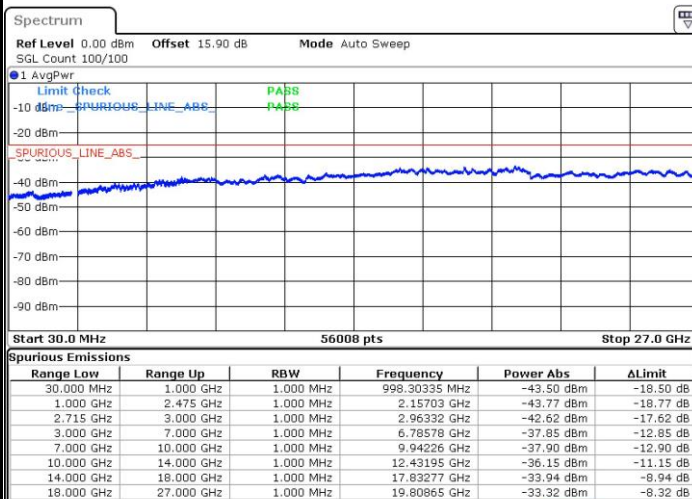
Highest Channel / 16QAM



Date: 23 OCT 2018 20:00:18

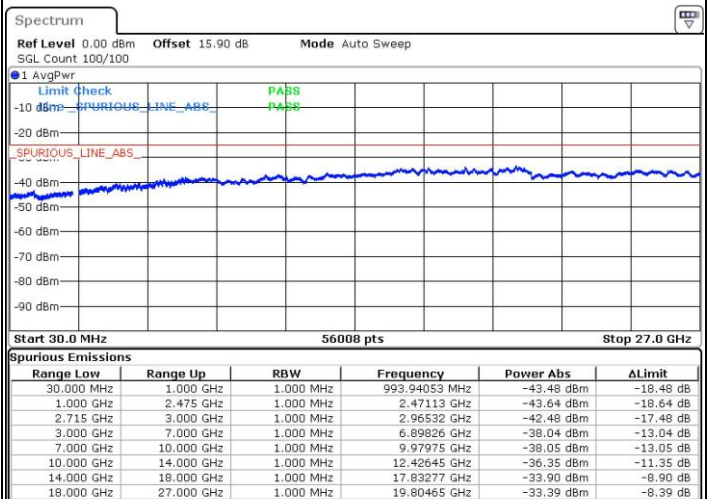
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 23 OCT 2018 20:01:03

Lowest Channel / 16QAM

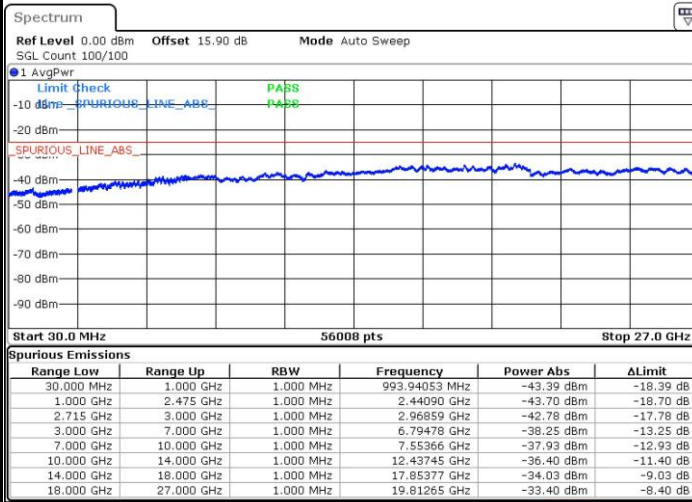


Date: 23 OCT 2018 20:01:48



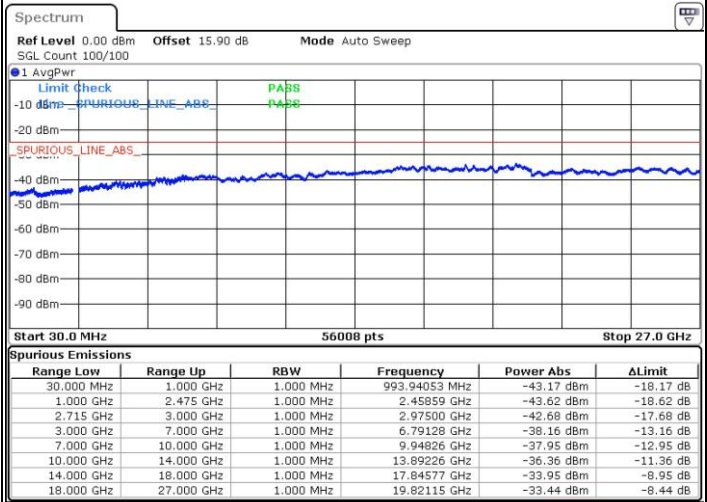
LTE Band 41 / 20MHz

Middle Channel / QPSK



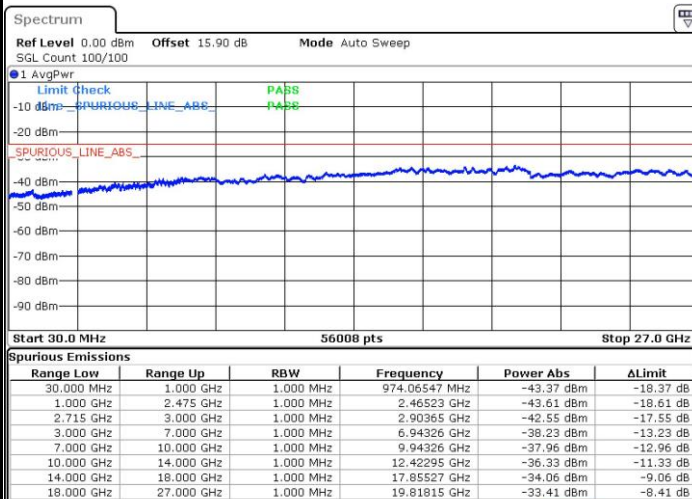
Date: 23 OCT 2018 20:02:33

Middle Channel / 16QAM



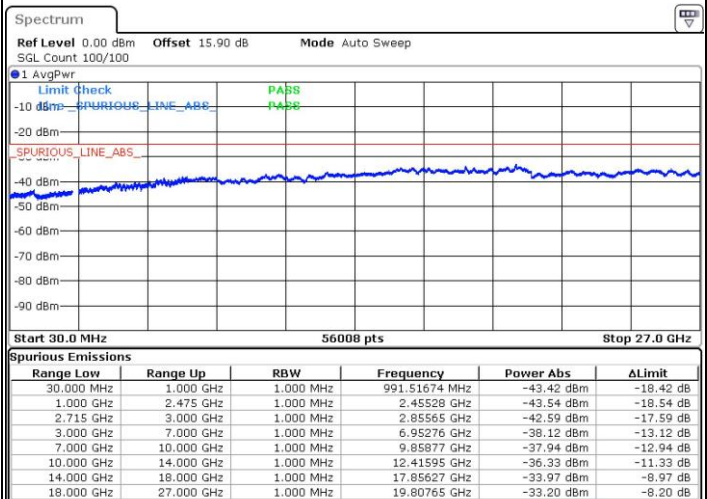
Date: 23 OCT 2018 20:03:17

Highest Channel / QPSK



Date: 23 OCT 2018 20:04:02

Highest Channel / 16QAM

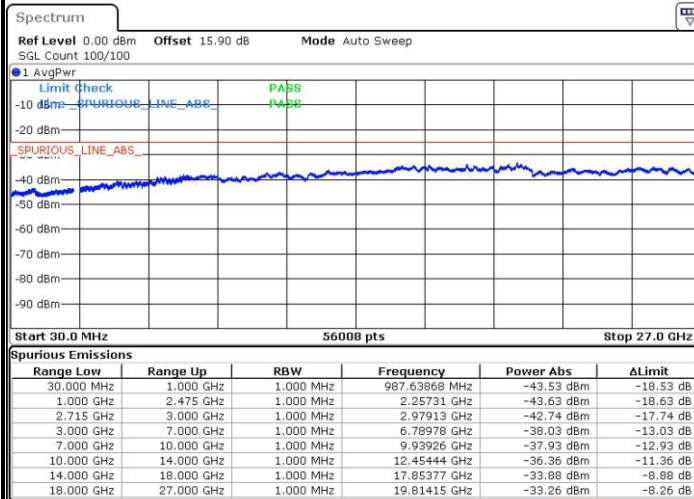


Date: 23 OCT 2018 20:04:47



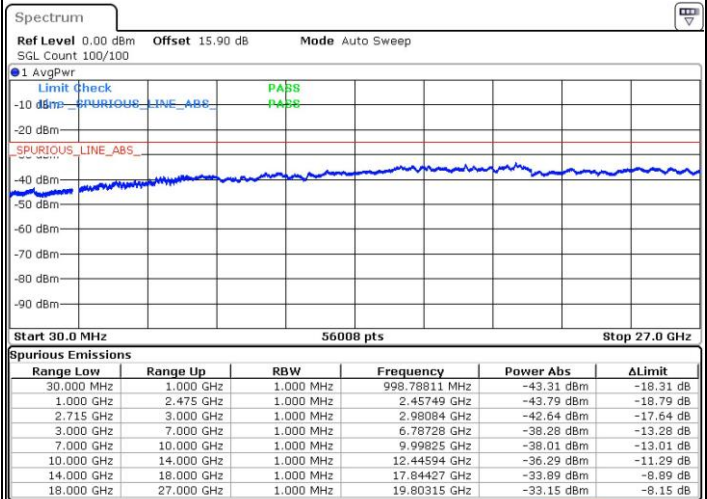
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



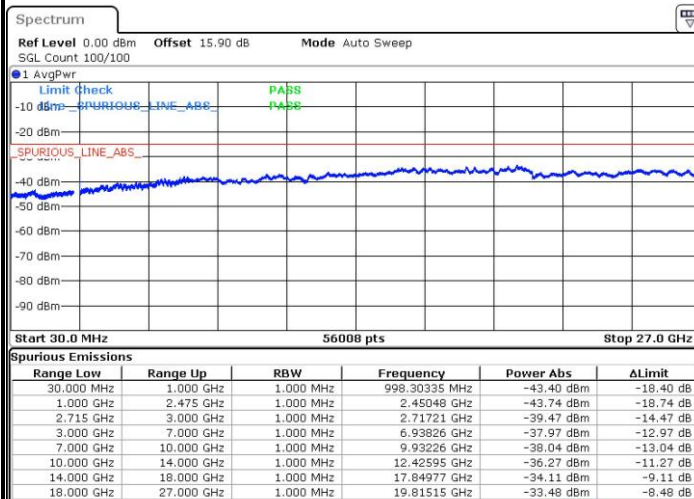
Date: 23 OCT 2018 19:38:41

Middle Channel / 64QAM



Date: 23 OCT 2018 19:39:26

Highest Channel / 64QAM

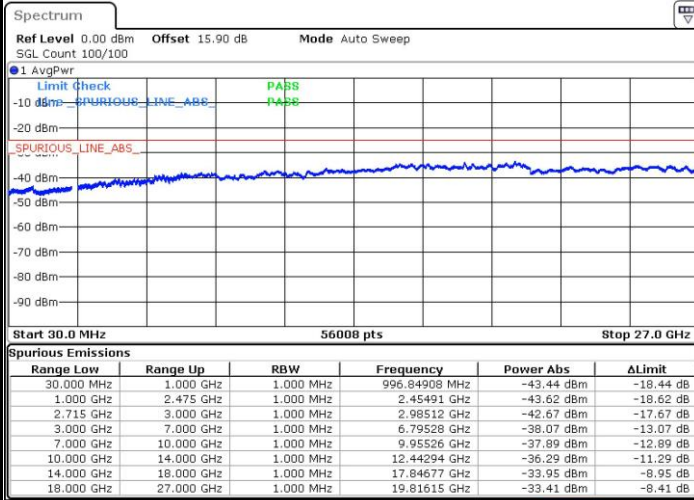


Date: 23 OCT 2018 19:40:10



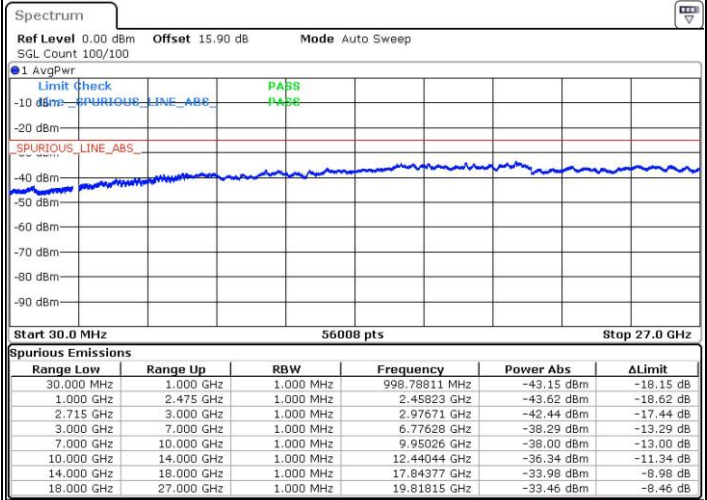
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



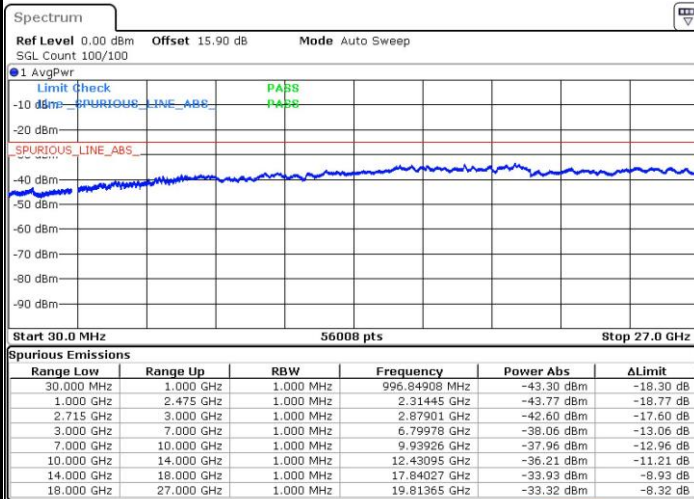
Date: 23 OCT 2018 19:40:55

Middle Channel / 64QAM



Date: 23 OCT 2018 19:41:40

Highest Channel / 64QAM

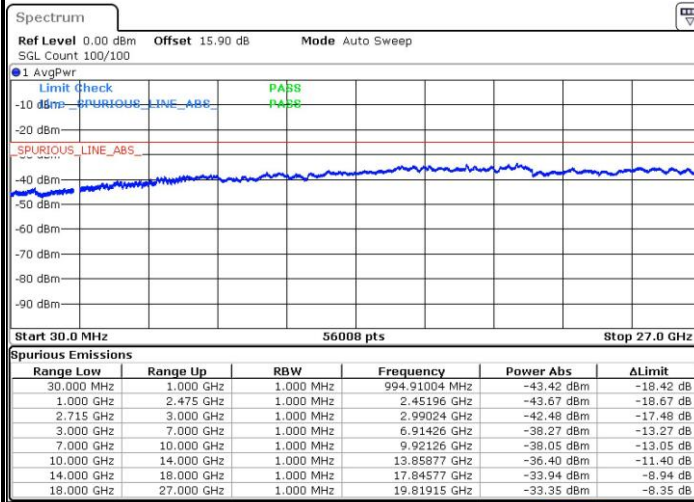


Date: 23 OCT 2018 19:42:25



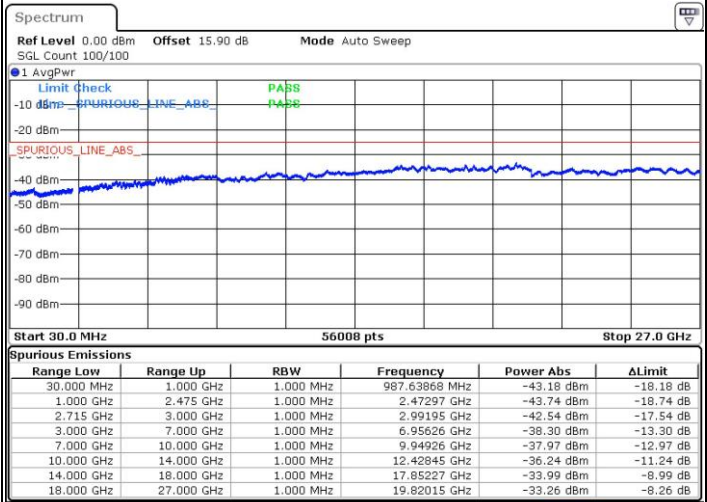
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



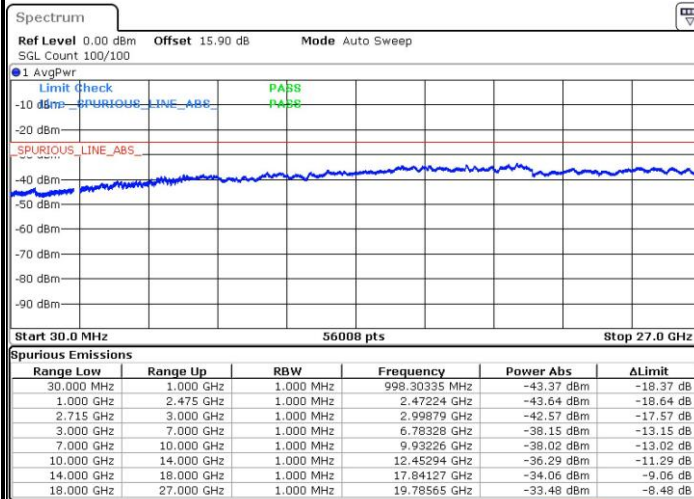
Date: 23 OCT 2018 19:43:09

Middle Channel / 64QAM



Date: 23 OCT 2018 19:43:54

Highest Channel / 64QAM

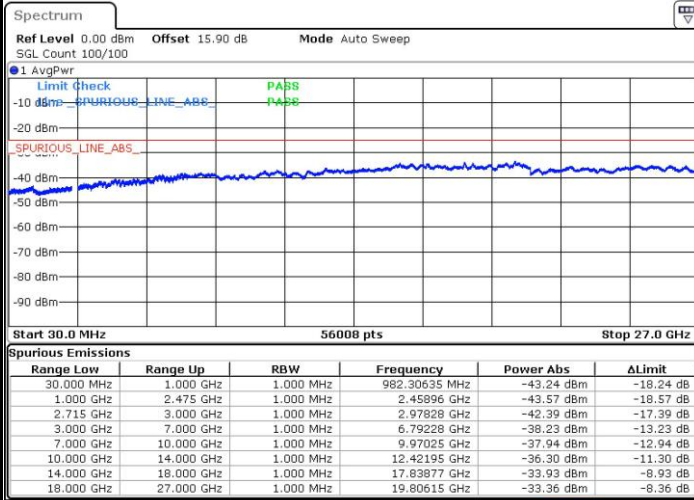


Date: 23 OCT 2018 19:44:39



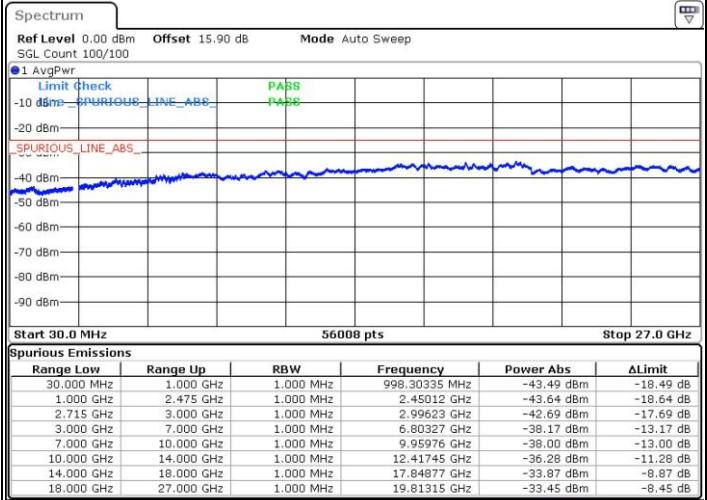
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



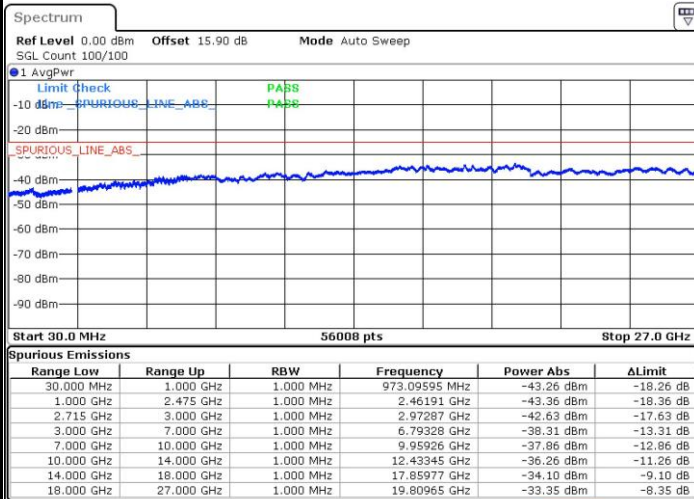
Date: 23 OCT 2018 19:45:24

Middle Channel / 64QAM



Date: 23 OCT 2018 19:46:08

Highest Channel / 64QAM



Date: 23 OCT 2018 19:46:53

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	0.0008	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

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 = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	24.72	0.2965	23.72	0.2355
Middle		3	1	24.78	0.3006	23.78	0.2388
Highest		3	1	24.76	0.2992	23.76	0.2377
Lowest	16QAM	1	3	24.00	0.2512	23.00	0.1995
Middle		1	3	23.94	0.2477	22.94	0.1968
Highest		1	3	24.00	0.2512	23.00	0.1995
Lowest	64QAM	1	3	22.94	0.1968	21.94	0.1563
Middle		1	3	22.99	0.1991	21.99	0.1581
Highest		1	3	22.98	0.1986	21.98	0.1578
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.69	0.2944	23.69	0.2339
Middle		1	8	24.71	0.2958	23.71	0.2350
Highest		1	8	24.73	0.2972	23.73	0.2360
Lowest	16QAM	1	14	23.94	0.2477	22.94	0.1968
Middle		1	14	23.99	0.2506	22.99	0.1991
Highest		1	14	23.91	0.2460	22.91	0.1954
Lowest	64QAM	1	8	22.90	0.1950	21.90	0.1549
Middle		1	8	22.97	0.1982	21.97	0.1574
Highest		1	8	22.97	0.1982	21.97	0.1574
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.77	0.2999	23.77	0.2382
Middle		1	12	24.72	0.2965	23.72	0.2355
Highest		1	12	24.72	0.2965	23.72	0.2355
Lowest	16QAM	1	12	24.00	0.2512	23.00	0.1995
Middle		1	12	23.93	0.2472	22.93	0.1963
Highest		1	12	23.97	0.2495	22.97	0.1982
Lowest	64QAM	1	12	22.99	0.1991	21.99	0.1581
Middle		1	12	22.96	0.1977	21.96	0.1570
Highest		1	12	22.97	0.1982	21.97	0.1574
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.80	0.3020	23.80	0.2399
Middle		1	49	24.77	0.2999	23.77	0.2382
Highest		1	49	24.73	0.2972	23.73	0.2360
Lowest	16QAM	1	0	24.00	0.2512	23.00	0.1995
Middle		1	0	23.98	0.2500	22.98	0.1986
Highest		1	0	23.98	0.2500	22.98	0.1986
Lowest	64QAM	1	0	22.99	0.1991	21.99	0.1581
Middle		1	0	22.93	0.1963	21.93	0.1560
Highest		1	0	22.94	0.1968	21.94	0.1563
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.71	0.2958	23.71	0.2350
Middle		1	0	24.81	0.3027	23.81	0.2404
Highest		1	0	24.80	0.3020	23.80	0.2399
Lowest	16QAM	1	0	23.92	0.2466	22.92	0.1959
Middle		1	0	23.95	0.2483	22.95	0.1972
Highest		1	0	24.00	0.2512	23.00	0.1995
Lowest	64QAM	1	37	23.00	0.1995	22.00	0.1585
Middle		1	37	22.96	0.1977	21.96	0.1570
Highest		1	37	22.87	0.1936	21.87	0.1538
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.72	0.2965	23.72	0.2355
Middle		1	0	24.82	0.3034	23.82	0.2410
Highest		1	0	24.73	0.2972	23.73	0.2360
Lowest	16QAM	1	0	23.95	0.2483	22.95	0.1972
Middle		1	0	24.00	0.2512	23.00	0.1995
Highest		1	0	23.92	0.2466	22.92	0.1959
Lowest	64QAM	1	49	23.00	0.1995	22.00	0.1585
Middle		1	49	23.00	0.1995	22.00	0.1585
Highest		1	49	23.06	0.2023	22.06	0.1607
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 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	1	3	23.53	0.2254	22.93	0.1963
Middle		1	3	23.54	0.2259	22.94	0.1968
Highest		1	3	23.60	0.2291	23.00	0.1995
Lowest	16QAM	1	3	22.86	0.1932	22.26	0.1683
Middle		1	3	22.89	0.1945	22.29	0.1694
Highest		1	3	22.95	0.1972	22.35	0.1718
Lowest	64QAM	1	3	21.77	0.1503	21.17	0.1309
Middle		1	3	21.78	0.1507	21.18	0.1312
Highest		1	3	21.85	0.1531	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	23.49	0.2234	22.89	0.1945
Middle		1	0	23.51	0.2244	22.91	0.1954
Highest		1	0	23.59	0.2286	22.99	0.1991
Lowest	16QAM	1	8	22.85	0.1928	22.25	0.1679
Middle		1	8	22.87	0.1936	22.27	0.1687
Highest		1	8	22.94	0.1968	22.34	0.1714
Lowest	64QAM	1	8	21.76	0.1500	21.16	0.1306
Middle		1	8	21.76	0.1500	21.16	0.1306
Highest		1	8	21.85	0.1531	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	23.51	0.2244	22.91	0.1954
Middle		1	12	23.52	0.2249	22.92	0.1959
Highest		1	12	23.60	0.2291	23.00	0.1995
Lowest	16QAM	1	0	22.80	0.1905	22.20	0.1660
Middle		1	0	22.83	0.1919	22.23	0.1671
Highest		1	0	22.92	0.1959	22.32	0.1706
Lowest	64QAM	1	12	21.77	0.1503	21.17	0.1309
Middle		1	12	21.78	0.1507	21.18	0.1312
Highest		1	12	21.85	0.1531	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 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	23.51	0.2244	22.91	0.1954
Middle		1	0	23.55	0.2265	22.95	0.1972
Highest		1	0	23.63	0.2307	23.03	0.2009
Lowest	16QAM	1	0	22.88	0.1941	22.28	0.1690
Middle		1	0	22.87	0.1936	22.27	0.1687
Highest		1	0	22.97	0.1982	22.37	0.1726
Lowest	64QAM	1	0	21.76	0.1500	21.16	0.1306
Middle		1	0	21.74	0.1493	21.14	0.1300
Highest		1	0	21.88	0.1542	21.28	0.1343
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	23.49	0.2234	22.89	0.1945
Middle		1	0	23.54	0.2259	22.94	0.1968
Highest		1	0	23.61	0.2296	23.01	0.2000
Lowest	16QAM	1	0	22.84	0.1923	22.24	0.1675
Middle		1	0	22.79	0.1901	22.19	0.1656
Highest		1	0	22.97	0.1982	22.37	0.1726
Lowest	64QAM	1	0	21.73	0.1489	21.13	0.1297
Middle		1	0	21.75	0.1496	21.15	0.1303
Highest		1	0	21.88	0.1542	21.28	0.1343
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 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	23.49	0.2234	22.89	0.1945
Middle		1	0	23.52	0.2249	22.92	0.1959
Highest		1	0	23.64	0.2312	23.04	0.2014
Lowest	16QAM	1	0	22.81	0.1910	22.21	0.1663
Middle		1	0	22.87	0.1936	22.27	0.1687
Highest		1	0	22.95	0.1972	22.35	0.1718
Lowest	64QAM	1	49	21.71	0.1483	21.11	0.1291
Middle		1	49	21.75	0.1496	21.15	0.1303
Highest		1	49	21.85	0.1531	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.71	0.2958	17.86	0.0611
Middle		1	0	24.94	0.3119	18.09	0.0644
Highest		1	0	24.39	0.2748	17.54	0.0568
Lowest	16QAM	1	0	24.00	0.2512	17.15	0.0519
Middle		1	0	23.99	0.2506	17.14	0.0518
Highest		1	0	23.73	0.2360	16.88	0.0488
Lowest	64QAM	3	1	22.98	0.1986	16.13	0.0410
Middle		3	1	23.00	0.1995	16.15	0.0412
Highest		3	1	22.70	0.1862	15.85	0.0385
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.77	0.2999	17.92	0.0619
Middle		1	0	24.91	0.3097	18.06	0.0640
Highest		1	0	24.77	0.2999	17.92	0.0619
Lowest	16QAM	1	8	23.77	0.2382	16.92	0.0492
Middle		1	8	23.99	0.2506	17.14	0.0518
Highest		1	8	23.72	0.2355	16.87	0.0486
Lowest	64QAM	1	8	22.76	0.1888	15.91	0.0390
Middle		1	8	22.96	0.1977	16.11	0.0408
Highest		1	8	22.77	0.1892	15.92	0.0391
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.77	0.2999	17.92	0.0619
Middle		1	0	24.96	0.3133	18.11	0.0647
Highest		1	0	24.92	0.3105	18.07	0.0641
Lowest	16QAM	1	12	23.65	0.2317	16.80	0.0479
Middle		1	12	24.00	0.2512	17.15	0.0519
Highest		1	12	23.88	0.2443	17.03	0.0505
Lowest	64QAM	1	0	22.82	0.1914	15.97	0.0395
Middle		1	0	22.95	0.1972	16.10	0.0407
Highest		1	0	22.91	0.1954	16.06	0.0404
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.81	0.3027	17.96	0.0625
Middle		1	0	24.93	0.3112	18.08	0.0643
Highest		1	0	24.97	0.3141	18.12	0.0649
Lowest	16QAM	1	0	23.95	0.2483	17.10	0.0513
Middle		1	0	23.96	0.2489	17.11	0.0514
Highest		1	0	24.00	0.2512	17.15	0.0519
Lowest	64QAM	1	0	22.87	0.1936	16.02	0.0400
Middle		1	0	22.96	0.1977	16.11	0.0408
		1	0	23.00	0.1995	16.15	0.0412
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -3.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.81	0.3027	19.16	0.0824
Middle		1	0	24.94	0.3119	19.29	0.0849
Highest		1	0	24.87	0.3069	19.22	0.0836
Lowest	16QAM	1	5	23.95	0.2483	18.30	0.0676
Middle		1	5	23.95	0.2483	18.30	0.0676
Highest		1	5	23.87	0.2438	18.22	0.0664
Lowest	64QAM	3	1	22.91	0.1954	17.26	0.0532
Middle		3	1	22.89	0.1945	17.24	0.0530
Highest		3	1	22.96	0.1977	17.31	0.0538
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -3.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.88	0.3076	19.23	0.0838
Middle		1	0	24.94	0.3119	19.29	0.0849
Highest		1	0	24.85	0.3055	19.20	0.0832
Lowest	16QAM	1	8	23.89	0.2449	18.24	0.0667
Middle		1	8	23.99	0.2506	18.34	0.0682
Highest		1	8	23.87	0.2438	18.22	0.0664
Lowest	64QAM	1	8	22.84	0.1923	17.19	0.0524
Middle		1	8	22.88	0.1941	17.23	0.0528
Highest		1	8	22.78	0.1897	17.13	0.0516
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -3.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.88	0.3076	19.23	0.0838
Middle		1	24	24.82	0.3034	19.17	0.0826
Highest		1	24	24.76	0.2992	19.11	0.0815
Lowest	16QAM	1	24	23.94	0.2477	18.29	0.0675
Middle		1	24	23.99	0.2506	18.34	0.0682
Highest		1	24	23.89	0.2449	18.24	0.0667
Lowest	64QAM	1	12	22.86	0.1932	17.21	0.0526
Middle		1	12	22.95	0.1972	17.30	0.0537
Highest		1	12	22.86	0.1932	17.21	0.0526
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -3.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	24.98	0.3148	19.33	0.0857
Middle		1	25	24.95	0.3126	19.30	0.0851
Highest		1	25	24.91	0.3097	19.26	0.0843
Lowest	16QAM	1	49	23.91	0.2460	18.26	0.0670
Middle		1	49	23.99	0.2506	18.34	0.0682
Highest		1	49	23.92	0.2466	18.27	0.0671
Lowest	64QAM	1	49	22.92	0.1959	17.27	0.0533
Middle		1	49	22.99	0.1991	17.34	0.0542
Highest		1	49	22.93	0.1963	17.28	0.0535
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.43	0.2773	17.78	0.0600
Middle		1	12	24.50	0.2818	17.85	0.0610
Highest		1	12	24.51	0.2825	17.86	0.0611
Lowest	16QAM	1	12	23.73	0.2360	17.08	0.0511
Middle		1	12	23.79	0.2393	17.14	0.0518
Highest		1	12	23.80	0.2399	17.15	0.0519
Lowest	64QAM	1	12	22.64	0.1837	15.99	0.0397
Middle		1	12	22.70	0.1862	16.05	0.0403
Highest		1	12	22.74	0.1879	16.09	0.0406
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.52	0.2831	17.87	0.0612
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.79	0.2393	17.14	0.0518
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.69	0.1858	16.04	0.0402
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.91	0.3097	19.36	0.0863
Middle		1	0	24.88	0.3076	19.33	0.0857
Highest		1	0	24.85	0.3055	19.30	0.0851
Lowest	16QAM	1	24	23.90	0.2455	18.35	0.0684
Middle		1	24	23.94	0.2477	18.39	0.0690
Highest		1	24	23.85	0.2427	18.30	0.0676
Lowest	64QAM	1	12	22.92	0.1959	17.37	0.0546
Middle		1	12	22.99	0.1991	17.44	0.0555
Highest		1	12	22.94	0.1968	17.39	0.0548
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -3.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.93	0.3112	19.38	0.0867
Middle		1	0	24.89	0.3083	19.34	0.0859
Highest		1	0	24.91	0.3097	19.36	0.0863
Lowest	16QAM	1	49	23.94	0.2477	18.39	0.0690
Middle		1	49	23.93	0.2472	18.38	0.0689
Highest		1	49	23.99	0.2506	18.44	0.0698
Lowest	64QAM	1	0	23.00	0.1995	17.45	0.0556
Middle		1	0	22.98	0.1986	17.43	0.0553
Highest		1	0	22.99	0.1991	17.44	0.0555
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.25	0.2661	22.25	0.1679
Middle		1	0	24.12	0.2582	22.12	0.1629
Highest		1	0	24.16	0.2606	22.16	0.1644
Lowest	16QAM	1	12	23.34	0.2158	21.34	0.1361
Middle		1	12	23.25	0.2113	21.25	0.1334
Highest		1	12	23.27	0.2123	21.27	0.1340
Lowest	64QAM	1	0	22.09	0.1618	20.09	0.1021
Middle		1	0	21.97	0.1574	19.97	0.0993
Highest		1	0	22.01	0.1589	20.01	0.1002
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.31	0.2698	22.31	0.1702
Middle		1	0	24.16	0.2606	22.16	0.1644
Highest		1	0	24.25	0.2661	22.25	0.1679
Lowest	16QAM	1	0	23.42	0.2198	21.42	0.1387
Middle		1	0	23.30	0.2138	21.30	0.1349
Highest		1	0	23.36	0.2168	21.36	0.1368
Lowest	64QAM	1	0	22.15	0.1641	20.15	0.1035
Middle		1	0	22.02	0.1592	20.02	0.1005
Highest		1	0	22.09	0.1618	20.09	0.1021
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.35	0.2723	22.35	0.1718
Middle		1	0	24.22	0.2642	22.22	0.1667
Highest		1	0	24.28	0.2679	22.28	0.1690
Lowest	16QAM	1	0	23.43	0.2203	21.43	0.1390
Middle		1	0	23.29	0.2133	21.29	0.1346
Highest		1	0	23.35	0.2163	21.35	0.1365
Lowest	64QAM	1	0	22.17	0.1648	20.17	0.1040
Middle		1	0	22.03	0.1596	20.03	0.1007
Highest		1	0	22.09	0.1618	20.09	0.1021
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.37	0.2735	22.37	0.1726
Middle		1	0	24.21	0.2636	22.21	0.1663
Highest		1	0	24.31	0.2698	22.31	0.1702
Lowest	16QAM	1	0	23.48	0.2228	21.48	0.1406
Middle		1	0	23.34	0.2158	21.34	0.1361
Highest		1	0	23.41	0.2193	21.41	0.1384
Lowest	64QAM	1	0	22.22	0.1667	20.22	0.1052
Middle		1	0	22.06	0.1607	20.06	0.1014
Highest		1	0	22.13	0.1633	20.13	0.1030
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -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	17.38	0.0547
Middle		1	3	24.98	0.3148	17.83	0.0607
Highest		1	3	24.61	0.2891	17.46	0.0557
Lowest	16QAM	1	3	23.90	0.2455	16.75	0.0473
Middle		1	3	23.98	0.2500	16.83	0.0482
Highest		1	3	23.77	0.2382	16.62	0.0459
Lowest	64QAM	1	0	22.87	0.1936	15.72	0.0373
Middle		1	0	22.94	0.1968	15.79	0.0379
Highest		1	0	22.97	0.1982	15.82	0.0382
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.57	0.2864	17.42	0.0552
Middle		1	8	24.99	0.3155	17.84	0.0608
Highest		1	8	24.71	0.2958	17.56	0.0570
Lowest	16QAM	1	0	23.85	0.2427	16.70	0.0468
Middle		1	0	23.95	0.2483	16.80	0.0479
Highest		1	0	23.95	0.2483	16.80	0.0479
Lowest	64QAM	1	0	22.96	0.1977	15.81	0.0381
Middle		1	0	22.94	0.1968	15.79	0.0379
Highest		1	0	22.91	0.1954	15.76	0.0377
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.79	0.3013	17.64	0.0581
Middle		1	24	24.98	0.3148	17.83	0.0607
Highest		1	24	24.51	0.2825	17.36	0.0545
Lowest	16QAM	1	24	23.85	0.2427	16.70	0.0468
Middle		1	24	23.99	0.2506	16.84	0.0483
Highest		1	24	23.63	0.2307	16.48	0.0445
Lowest	64QAM	1	12	22.70	0.1862	15.55	0.0359
Middle		1	12	23.00	0.1995	15.85	0.0385
Highest		1	12	22.81	0.1910	15.66	0.0368
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	24.94	0.3119	17.79	0.0601
Middle		1	49	24.96	0.3133	17.81	0.0604
Highest		1	49	24.56	0.2858	17.41	0.0551
Lowest	16QAM	1	25	23.94	0.2477	16.79	0.0478
Middle		1	25	23.98	0.2500	16.83	0.0482
Highest		1	25	23.95	0.2483	16.80	0.0479
Lowest	64QAM	1	49	22.99	0.1991	15.84	0.0384
Middle		1	49	22.93	0.1963	15.78	0.0378
Highest		1	49	22.83	0.1919	15.68	0.0370
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.69	0.2944	17.54	0.0568
Middle		1	0	25.00	0.3162	17.85	0.0610
Highest		1	0	24.91	0.3097	17.76	0.0597
Lowest	16QAM	1	74	23.89	0.2449	16.74	0.0472
Middle		1	74	23.87	0.2438	16.72	0.0470
Highest		1	74	23.98	0.2500	16.83	0.0482
Lowest	64QAM	1	0	22.88	0.1941	15.73	0.0374
Middle		1	0	22.97	0.1982	15.82	0.0382
Highest		1	0	22.92	0.1959	15.77	0.0378
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.93	0.3112	25.53	0.3573
Middle		1	0	24.85	0.3055	25.45	0.3508
Highest		1	0	24.81	0.3027	25.41	0.3475
Lowest	16QAM	1	24	23.97	0.2495	24.57	0.2864
Middle		1	24	23.90	0.2455	24.50	0.2818
Highest		1	24	23.86	0.2432	24.46	0.2793
Lowest	64QAM	1	24	22.71	0.1866	23.31	0.2143
Middle		1	24	22.64	0.1837	23.24	0.2109
Highest		1	24	22.59	0.1816	23.19	0.2084
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.99	0.3155	25.59	0.3622
Middle		1	0	24.89	0.3083	25.49	0.3540
Highest		1	0	24.83	0.3041	25.43	0.3491
Lowest	16QAM	1	0	23.96	0.2489	24.56	0.2858
Middle		1	0	23.87	0.2438	24.47	0.2799
Highest		1	0	23.82	0.2410	24.42	0.2767
Lowest	64QAM	1	49	22.71	0.1866	23.31	0.2143
Middle		1	49	22.61	0.1824	23.21	0.2094
Highest		1	49	22.55	0.1799	23.15	0.2065
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.86	0.3062	25.46	0.3516
Middle		1	0	24.78	0.3006	25.38	0.3451
Highest		1	0	24.82	0.3034	25.42	0.3483
Lowest	16QAM	1	0	23.99	0.2506	24.59	0.2877
Middle		1	0	23.91	0.2460	24.51	0.2825
Highest		1	0	23.90	0.2455	24.50	0.2818
Lowest	64QAM	1	0	22.72	0.1871	23.32	0.2148
Middle		1	0	22.64	0.1837	23.24	0.2109
Highest		1	0	22.64	0.1837	23.24	0.2109
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.00	0.3162	25.60	0.3631
Middle		1	0	24.93	0.3112	25.53	0.3573
Highest		1	0	24.95	0.3126	25.55	0.3589
Lowest	16QAM	1	0	24.00	0.2512	24.60	0.2884
Middle		1	0	23.80	0.2399	24.40	0.2754
Highest		1	0	23.82	0.2410	24.42	0.2767
Lowest	64QAM	1	0	22.72	0.1871	23.32	0.2148
Middle		1	0	22.62	0.1828	23.22	0.2099
Highest		1	0	22.64	0.1837	23.24	0.2109
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	-54.01	-13	-41.01	-70.55	-65.8	0.72	12.52	H
	5556	-54.73	-13	-41.73	-76.45	-66.9	1.00	13.17	H
	7404	-49.41	-13	-36.41	-74.13	-58.8	1.18	10.57	H
									H
									H
									H
									H
	3702	-50.71	-13	-37.71	-68.4	-62.5	0.72	12.52	V
	5556	-54.93	-13	-41.93	-76.44	-67.1	1.00	13.17	V
	7404	-50.61	-13	-37.61	-75.01	-60	1.18	10.57	V
									V
									V
									V
									V



Middle	3744	-51.60	-13	-38.60	-68.55	-63.4	0.70	12.50	H
	5616	-55.05	-13	-42.05	-76.5	-67.2	0.98	13.13	H
	7482	-48.85	-13	-35.85	-73.6	-58.1	1.18	10.43	H
									H
									H
									H
									H
	3744	-49.70	-13	-36.70	-67.83	-61.5	0.70	12.50	V
	5616	-55.15	-13	-42.15	-76.51	-67.3	0.98	13.13	V
	7482	-49.05	-13	-36.05	-73.87	-58.3	1.18	10.43	V
									V
									V
									V
									V
Highest	3780	-52.49	-13	-39.49	-69.84	-64.3	0.68	12.49	H
	5676	-54.89	-13	-41.89	-76.31	-67	0.99	13.09	H
	7566	-48.30	-13	-35.30	-73.01	-57.7	1.18	10.58	H
									H
									H
									H
									H
	3780	-50.39	-13	-37.39	-68.3	-62.2	0.68	12.49	V
	5676	-54.29	-13	-41.29	-75.9	-66.4	0.99	13.09	V
	7566	-49.70	-13	-36.70	-74.13	-59.1	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	-57.11	-13	-44.11	-74.28	-68.7	0.77	12.36	H
	5133	-56.32	-13	-43.32	-76.91	-67.81	0.97	12.47	H
	6844	-54.87	-13	-41.87	-78.44	-65.7	0.81	11.64	H
	8556	-50.77	-13	-37.77	-77.93	-61.39	1.36	11.98	H
									H
									H
									H
	3420	-58.27	-13	-45.27	-75.25	-69.86	0.77	12.36	V
	5133	-56.65	-13	-43.65	-77.41	-68.14	0.97	12.47	V
	6844	-54.10	-13	-41.10	-78.14	-64.93	0.81	11.64	V
	8556	-49.70	-13	-36.70	-76.69	-60.32	1.36	11.98	V
									V
									V
									V
Middle	3450	-55.62	-13	-42.62	-72.81	-67.29	0.78	12.45	H
	5172	-55.08	-13	-42.08	-75.74	-66.64	0.98	12.54	H
	6894	-54.41	-13	-41.41	-78.08	-65.02	0.93	11.53	H
	8616	-49.24	-13	-36.24	-76.97	-59.92	1.39	12.06	H
									H
									H
									H
	3450	-57.74	-13	-44.74	-75.02	-69.41	0.78	12.45	V
	5172	-56.18	-13	-43.18	-77	-67.74	0.98	12.54	V
	6894	-53.83	-13	-40.83	-77.91	-64.44	0.93	11.53	V
	8616	-49.19	-13	-36.19	-79.6	-59.87	1.39	12.06	V
									V
									V
									V



Highest	3472	-57.30	-13	-44.30	-74.54	-69.04	0.78	12.52	H
	5208	-56.76	-13	-43.76	-77.48	-68.38	0.99	12.62	H
	6944	-54.24	-13	-41.24	-78.01	-64.62	1.04	11.42	H
	8682	-48.94	-13	-35.94	-76.82	-59.7	1.39	12.15	H
									H
									H
									H
	3472	-57.33	-13	-44.33	-75.24	-69.07	0.78	12.52	V
	5208	-57.00	-13	-44.00	-77.88	-68.62	0.99	12.62	V
	6944	-54.06	-13	-41.06	-78.19	-64.44	1.04	11.42	V
	8682	-48.19	-13	-35.19	-75.82	-58.95	1.39	12.15	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	-52.65	-13	-39.65	-61.89	-59.6	0.53	9.63	H
	2472	-35.02	-13	-22.02	-48.62	-43	0.65	10.78	H
	3296	-59.22	-13	-46.22	-74.71	-68.3	0.76	11.99	H
									H
									H
									H
									H
	1648	-55.95	-13	-42.95	-65.12	-62.9	0.53	9.63	V
	2472	-38.92	-13	-25.92	-52.61	-46.9	0.65	10.78	V
	3296	-58.72	-13	-45.72	-74.78	-67.8	0.76	11.99	V
									V
									V
									V
									V
Middle	1664	-52.92	-13	-39.92	-62.85	-59.9	0.53	9.66	H
	2496	-36.61	-13	-23.61	-49.67	-44.6	0.65	10.80	H
	3328	-59.03	-13	-46.03	-74.59	-68.2	0.76	12.08	H
									H
									H
									H
									H
	1664	-54.52	-13	-41.52	-63.96	-61.5	0.53	9.66	V
	2496	-40.31	-13	-27.31	-53.83	-48.3	0.65	10.80	V
	3328	-58.83	-13	-45.83	-74.38	-68	0.76	12.08	V
									V
									V
									V
									V



Highest	1680	-52.28	-13	-39.28	-62	-59.3	0.53	9.70	H
	2520	-37.30	-13	-24.30	-50.5	-45.3	0.66	10.81	H
	3360	-58.84	-13	-45.84	-74.52	-68.1	0.77	12.18	H
									H
									H
									H
									H
	1680	-55.08	-13	-42.08	-62.24	-62.1	0.53	9.70	V
	2520	-39.50	-13	-26.50	-52.83	-47.5	0.66	10.81	V
	3360	-58.94	-13	-45.94	-74.64	-68.2	0.77	12.18	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	1408	-52.29	-13	-39.29	-63.46	-58.39	0.50	8.75	H
	2112	-41.61	-13	-28.61	-55.25	-49.36	0.59	10.49	H
	2816	-59.54	-13	-46.54	-73.96	-67.67	0.71	10.99	H
									H
									H
									H
									H
	1408	-54.54	-13	-41.54	-65.51	-60.64	0.50	8.75	V
	2112	-43.42	-13	-30.42	-56.88	-51.17	0.59	10.49	V
	2816	-59.32	-13	-46.32	-74.12	-67.45	0.71	10.99	V
									V
									V
									V
									V
Middle	1416	-53.45	-13	-40.45	-64.62	-59.59	0.50	8.80	H
	2120	-41.62	-13	-28.62	-55.26	-49.37	0.59	10.50	H
	2832	-58.76	-13	-45.76	-73.23	-66.90	0.71	11.00	H
									H
									H
									H
									H
	1416	-55.82	-13	-42.82	-66.79	-61.96	0.50	8.80	V
	2120	-44.40	-13	-31.40	-57.86	-52.15	0.59	10.50	V
	2832	-58.50	-13	-45.50	-73.29	-66.64	0.71	11.00	V
									V
									V
									V
									V



Highest	1424	-49.79	-13	-36.79	-61.09	-55.98	0.50	8.84	H
	2136	-42.24	-13	-29.24	-56.16	-50.01	0.59	10.51	H
	2848	-58.71	-13	-45.71	-73.23	-66.86	0.71	11.01	H
									H
									H
									H
									H
	1424	-52.10	-13	-39.10	-62.94	-58.29	0.50	8.84	V
	2136	-42.94	-13	-29.94	-56.75	-50.71	0.59	10.51	V
	2848	-58.08	-13	-45.08	-72.88	-66.23	0.71	11.01	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	-56.24	-42.15	-14.09	-66.63	-63.01	0.51	9.43	H
	2336	-46.07	-13	-33.07	-60.22	-53.97	0.62	10.67	H
	3120	-58.49	-13	-45.49	-74.01	-67.06	0.74	11.46	H
									H
									H
									H
									H
	1560	-56.24	-42.15	-14.09	-66.63	-63.01	0.51	9.43	V
	2336	-46.07	-13	-33.07	-60.22	-53.97	0.62	10.67	V
	3120	-58.49	-13	-45.49	-74.01	-67.06	0.74	11.46	V
									V
									V
									V
									V
Middle	1560	-53.43	-42.15	-11.28	-63.82	-60.20	0.51	9.43	H
	2344	-53.14	-13	-40.14	-67.15	-61.04	0.62	10.68	H
	3120	-58.73	-13	-45.73	-74.25	-67.30	0.74	11.46	H
									H
									H
									H
									H
	1560	-57.61	-42.15	-15.46	-67.43	-64.38	0.51	9.43	V
	2344	-54.82	-13	-41.82	-69.41	-62.72	0.62	10.68	V
	3120	-58.67	-13	-45.67	-74.42	-67.24	0.74	11.46	V
									V
									V
									V
									V



Highest	1568	-58.62	-42.15	-16.47	-68.52	-65.40	0.52	9.45	H
	2352	-44.06	-13	-31.06	-58.08	-51.97	0.63	10.68	H
	3136	-58.55	-13	-45.55	-74.16	-67.16	0.74	11.51	H
									H
									H
									H
									H
	1568	-59.51	-42.15	-17.36	-69.15	-66.29	0.52	9.45	V
	2352	-50.53	-13	-37.53	-65.13	-58.44	0.63	10.68	V
	3136	-58.38	-13	-45.38	-74.27	-66.99	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	-57.10	-42.15	-14.95	-67.49	-63.87	0.51	9.43	H
	2344	-54.02	-13	-41.02	-68.03	-61.92	0.62	10.68	H
	3120	-58.84	-13	-45.84	-74.36	-67.41	0.74	11.46	H
									H
									H
									H
									H
	1560	-60.38	-42.15	-18.23	-70.2	-67.15	0.51	9.43	V
	2344	-54.92	-13	-41.92	-69.59	-62.82	0.62	10.68	V
	3120	-58.53	-13	-45.53	-74.28	-67.1	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	-51.82	-13	-38.82	-62.99	-57.92	0.50	8.75	H
	2112	-40.92	-13	-27.92	-54.56	-48.67	0.59	10.49	H
	2816	-59.84	-13	-46.84	-74.26	-67.97	0.71	10.99	H
									H
									H
									H
									H
	1408	-56.83	-13	-43.83	-67.80	-62.93	0.50	8.75	V
	2112	-48.32	-13	-35.32	-61.78	-56.07	0.59	10.49	V
	2816	-59.86	-13	-46.86	-74.66	-67.99	0.71	10.99	V
									V
									V
									V
									V
Middle	1408	-49.78	-13	-36.78	-60.95	-55.88	0.50	8.75	H
	2120	-41.35	-13	-28.35	-54.99	-49.10	0.59	10.50	H
	2816	-59.77	-13	-46.77	-74.19	-67.90	0.71	10.99	H
									H
									H
									H
									H
	1408	-52.04	-13	-39.04	-63.01	-58.14	0.50	8.75	V
	2120	-44.76	-13	-31.76	-58.22	-52.51	0.59	10.50	V
	2816	-59.61	-13	-46.61	-74.41	-67.74	0.71	10.99	V
									V
									V
									V
									V



Highest	1416	-54.50	-13	-41.50	-65.67	-60.64	0.50	8.80	H
	2120	-35.92	-13	-22.92	-49.56	-43.67	0.59	10.50	H
	2824	-58.92	-13	-45.92	-73.34	-67.06	0.71	10.99	H
									H
									H
									H
									H
	1416	-54.07	-13	-41.07	-65.04	-60.21	0.50	8.80	V
	2120	-38.64	-13	-25.64	-52.10	-46.39	0.59	10.50	V
	2824	-59.13	-13	-46.13	-73.93	-67.27	0.71	10.99	V
									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	-56.24	-25	-31.24	-76.7	-67.53	0.91	12.20	H
	7491	-52.73	-25	-27.73	-77.64	-61.97	1.18	10.42	H
	9988	-46.98	-25	-21.98	-77.75	-57.32	1.40	11.73	H
									H
									H
									H
									H
	4994	-55.70	-25	-30.70	-76.33	-66.99	0.91	12.20	V
	7491	-52.74	-25	-27.74	-77.73	-61.98	1.18	10.42	V
	9988	-47.45	-25	-22.45	-77.88	-57.79	1.40	11.73	V
									V
									V
									V
									V
Middle	5168	-56.50	-25	-31.50	-77.16	-68.05	0.98	12.54	H
	7752	-51.03	-25	-26.03	-76.36	-60.95	1.19	11.11	H
	10336	-46.25	-25	-21.25	-76.87	-56.31	1.40	11.46	H
									H
									H
									H
									H
	5168	-56.67	-25	-31.67	-77.49	-68.22	0.98	12.54	V
	7752	-51.44	-25	-26.44	-76.73	-61.36	1.19	11.11	V
	10336	-46.29	-25	-21.29	-76.72	-56.35	1.40	11.46	V
									V
									V
									V
									V



Highest	5342	-57.87	-25	-32.87	-79	-69.71	1.05	12.88	H
	8013	-50.49	-25	-25.49	-77.3	-61.09	1.20	11.80	H
	10684	-47.38	-25	-22.38	-77.72	-56.75	1.43	10.80	H
									H
									H
									H
									H
	5342	-57.57	-25	-32.57	-78.81	-69.41	1.05	12.88	V
	8013	-50.26	-25	-25.26	-77.2	-60.86	1.20	11.80	V
	10684	-47.58	-25	-22.58	-77.8	-56.95	1.43	10.80	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	-56.49	-25	-31.49	-77.08	-68	0.97	12.48	H
	7716	-51.05	-25	-26.05	-76.34	-60.87	1.19	11.00	H
	10284	-45.82	-25	-20.82	-76.46	-55.99	1.39	11.56	H
									H
									H
									H
									H
	5142	-56.46	-25	-31.46	-77.22	-67.97	0.97	12.48	V
	7716	-51.31	-25	-26.31	-76.5	-61.13	1.19	11.00	V
	10284	-46.20	-25	-21.20	-76.63	-56.37	1.39	11.56	V
									V
									V
									V
									V
Middle	5172	-56.06	-25	-31.06	-76.72	-67.62	0.98	12.54	H
	7758	-50.96	-25	-25.96	-76.29	-60.89	1.19	11.12	H
	10344	-46.11	-25	-21.11	-76.73	-56.16	1.40	11.45	H
									H
									H
									H
									H
	5172	-55.76	-25	-30.76	-76.58	-67.32	0.98	12.54	V
	7758	-50.66	-25	-25.66	-75.95	-60.59	1.19	11.12	V
	10344	-46.22	-25	-21.22	-76.65	-56.27	1.40	11.45	V
									V
									V
									V
									V



Highest	5202	-51.50	-25	-26.50	-71.88	-63.11	0.99	12.60	H
	7803	-48.30	-25	-23.30	-74.09	-58.36	1.19	11.25	H
	10404	-43.07	-25	-18.07	-73.78	-53	1.41	11.33	H
									H
									H
									H
									H
	5202	-52.46	-25	-27.46	-73	-64.07	0.99	12.60	V
	7803	-48.09	-25	-23.09	-73.89	-58.15	1.19	11.25	V
	10404	-43.53	-25	-18.53	-74.08	-53.46	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 / 3MHz / 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	-60.65	-13	-47.65	-66.39	-67.6	0.53	9.63	H
	2480	-41.22	-13	-28.22	-54.39	-49.2	0.65	10.78	H
	3302	-59.00	-13	-46.00	-74.66	-68.1	0.76	12.01	H
									H
									H
									H
									H
	1648	-60.25	-13	-47.25	-69.47	-67.2	0.53	9.63	V
	2480	-43.72	-13	-30.72	-57.48	-51.7	0.65	10.78	V
	3302	-58.90	-13	-45.90	-74.42	-68	0.76	12.01	V
									V
									V
									V
									V
Middle	1672	-55.90	-13	-42.90	-65.93	-62.9	0.53	9.68	H
	2512	-39.00	-13	-26.00	-52.06	-47	0.66	10.81	H
	3352	-58.26	-13	-45.26	-74.49	-67.5	0.76	12.16	H
									H
									H
									H
									H
	1672	-59.60	-13	-46.60	-68.92	-66.6	0.53	9.68	V
	2512	-42.60	-13	-29.60	-56.22	-50.6	0.66	10.81	V
	3352	-58.66	-13	-45.66	-74.52	-67.9	0.76	12.16	V
									V
									V
									V
									V



Highest	1696	-56.55	-13	-43.55	-66.38	-63.6	0.53	9.73	H
	2544	-41.59	-13	-28.59	-54.95	-49.6	0.67	10.83	H
	3392	-58.54	-13	-45.54	-74.73	-67.9	0.77	12.28	H
									H
									H
									H
									H
	1696	-59.55	-13	-46.55	-68.96	-66.6	0.53	9.73	V
	2544	-45.19	-13	-32.19	-58.68	-53.2	0.67	10.83	V
	3392	-58.84	-13	-45.84	-74.43	-68.2	0.77	12.28	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	-56.35	-13	-43.35	-66.07	-63.3	0.53	9.63	H
	2472	-41.22	-13	-28.22	-54.44	-49.2	0.65	10.78	H
	3296	-58.62	-13	-45.62	-74.54	-67.7	0.76	11.99	H
									H
									H
									H
									H
	1648	-58.25	-13	-45.25	-67.61	-65.2	0.53	9.63	V
	2472	-44.62	-13	-31.62	-58.14	-52.6	0.65	10.78	V
	3296	-58.72	-13	-45.72	-74.57	-67.8	0.76	11.99	V
									V
									V
									V
									V
Middle	1656	-56.63	-13	-43.63	-66.53	-63.6	0.53	9.64	H
	2488	-40.61	-13	-27.61	-53.95	-48.6	0.65	10.79	H
	3320	-59.05	-13	-46.05	-74.65	-68.2	0.76	12.06	H
									H
									H
									H
									H
	1656	-57.93	-13	-44.93	-67.02	-64.9	0.53	9.64	V
	2488	-43.21	-13	-30.21	-56.08	-51.2	0.65	10.79	V
	3320	-58.55	-13	-45.55	-74.24	-67.7	0.76	12.06	V
									V
									V
									V
									V



Highest	1672	-55.60	-13	-42.60	-65.41	-62.6	0.53	9.68	H
	2504	-39.30	-13	-26.30	-52.69	-47.3	0.66	10.80	H
	3336	-58.00	-13	-45.00	-74.07	-67.2	0.76	12.11	H
									H
									H
									H
									H
	1672	-57.60	-13	-44.60	-66.94	-64.6	0.53	9.68	V
	2504	-42.60	-13	-29.60	-56.06	-50.6	0.66	10.80	V
	3336	-58.50	-13	-45.50	-74.4	-67.7	0.76	12.11	V
									V
									V
									V
									V

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



<For Sample 1>

<Adapter 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)
Middle	1560	-56.02	-42.15	-13.87	-66.41	-62.79	0.51	9.43	H
	2344	-47.89	-13	-34.89	-61.90	-55.79	0.62	10.68	H
	3120	-58.48	-13	-45.48	-74.00	-67.05	0.74	11.46	H
									H
									H
									H
									H
	1560	-58.00	-42.15	-15.85	-67.82	-64.77	0.51	9.43	V
	2344	-45.87	-13	-32.87	-60.46	-53.77	0.62	10.68	V
	3120	-58.52	-13	-45.52	-74.27	-67.09	0.74	11.46	V
									V
									V
									V
									V

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



<For Sample 2>

<Adapter 1>

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)
Middle	1560	-49.13	-42.15	-6.98	-59.35	-55.90	0.51	9.43	H
	2344	-45.60	-13	-32.60	-59.45	-53.50	0.62	10.68	H
	3120	-59.13	-13	-46.13	-74.31	-67.70	0.74	11.46	H
									H
									H
									H
									H
	1560	-55.53	-42.15	-13.38	-64.87	-62.30	0.51	9.43	V
	2344	-50.00	-13	-37.00	-64.65	-57.90	0.62	10.68	V
	3120	-58.53	-13	-45.53	-74.23	-67.10	0.74	11.46	V
									V
									V
									V
									V

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

—————THE END—————