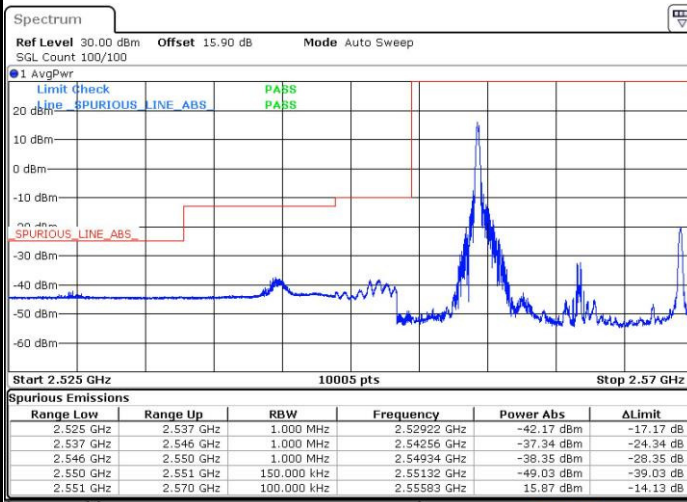




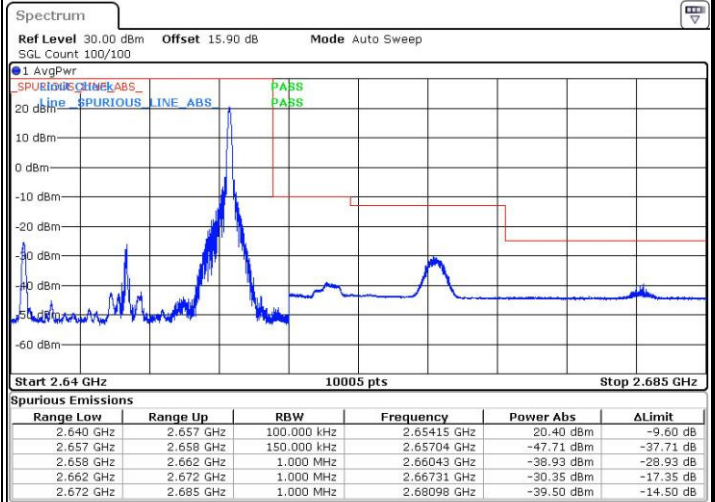
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



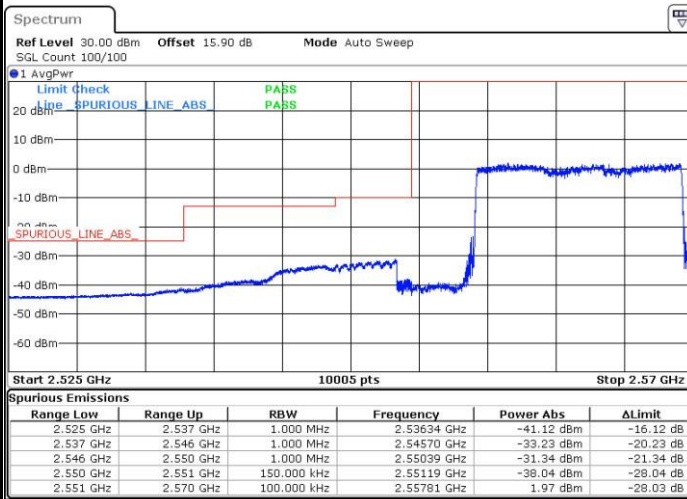
Date: 15 DEC 2016 23:29:55

Highest Band Edge / 1 RB



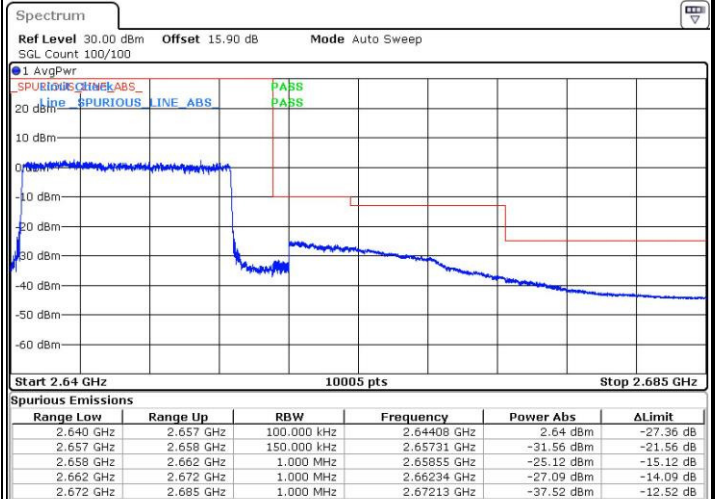
Date: 15 DEC 2016 23:34:33

Lowest Band Edge / Full RB



Date: 15 DEC 2016 23:32:15

Highest Band Edge / Full RB

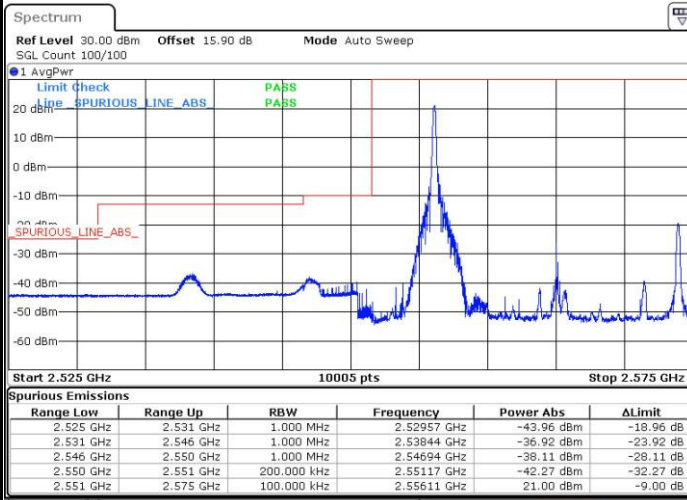


Date: 15 DEC 2016 23:36:52



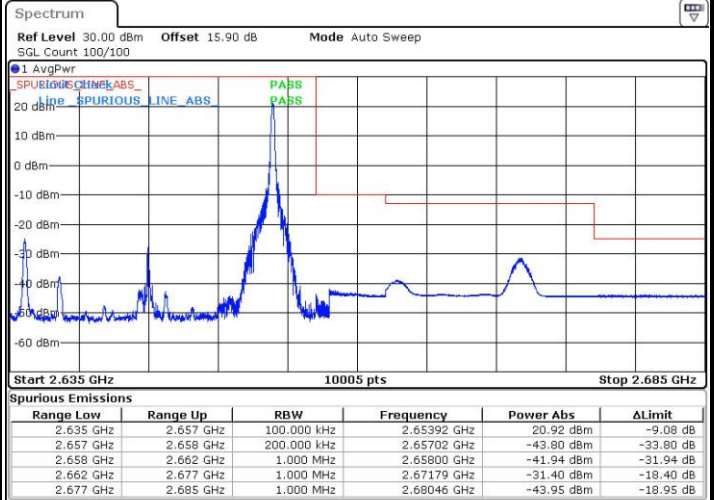
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



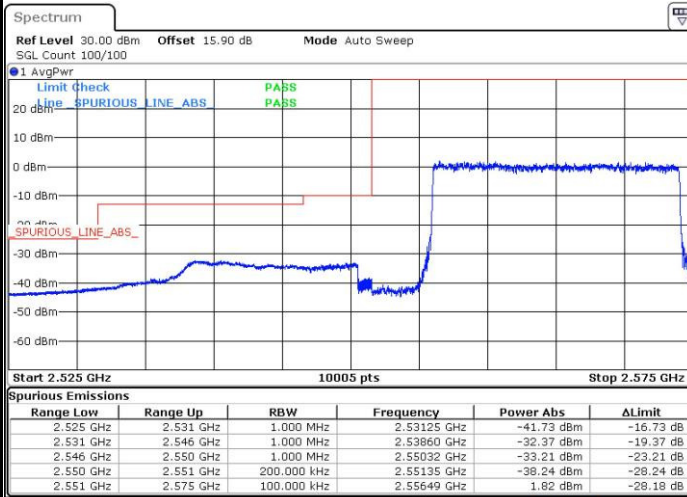
Date: 15 DEC 2016 23:38:02

Highest Band Edge / 1 RB



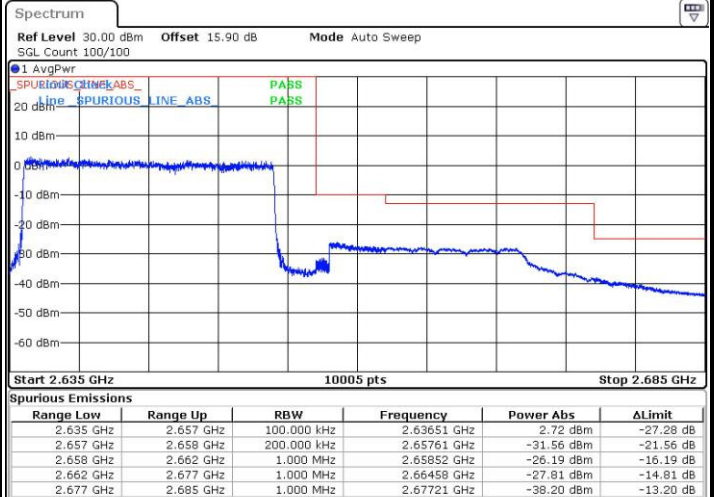
Date: 15 DEC 2016 23:42:40

Lowest Band Edge / Full RB



Date: 15 DEC 2016 23:40:21

Highest Band Edge / Full RB

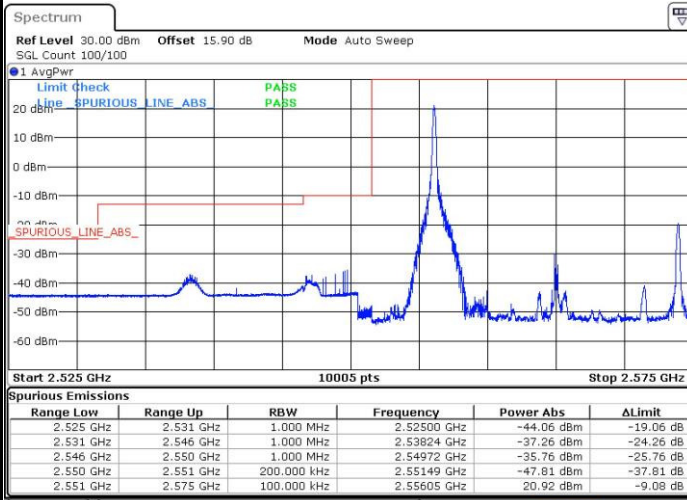


Date: 15 DEC 2016 23:46:09



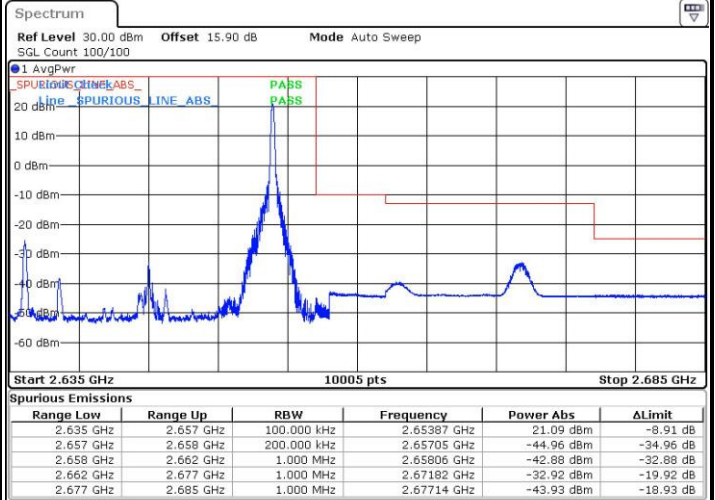
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



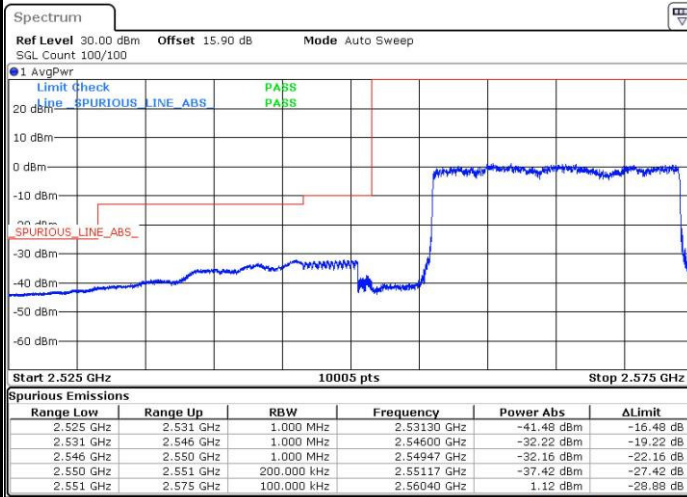
Date: 15 DEC 2016 23:39:11

Highest Band Edge / 1 RB



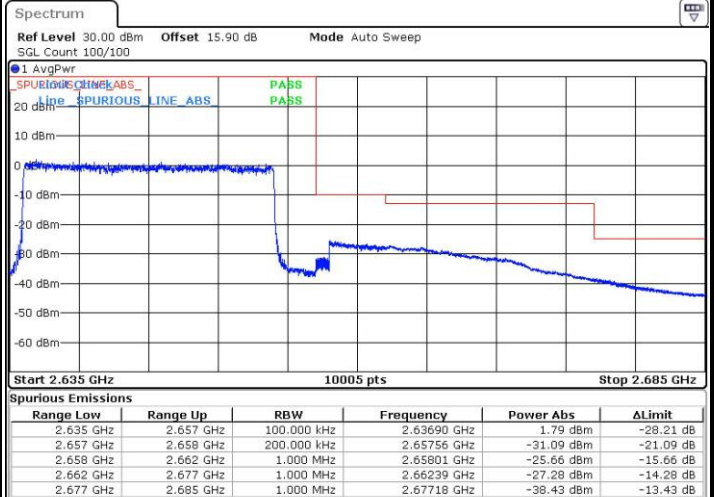
Date: 15 DEC 2016 23:43:50

Lowest Band Edge / Full RB



Date: 15 DEC 2016 23:41:31

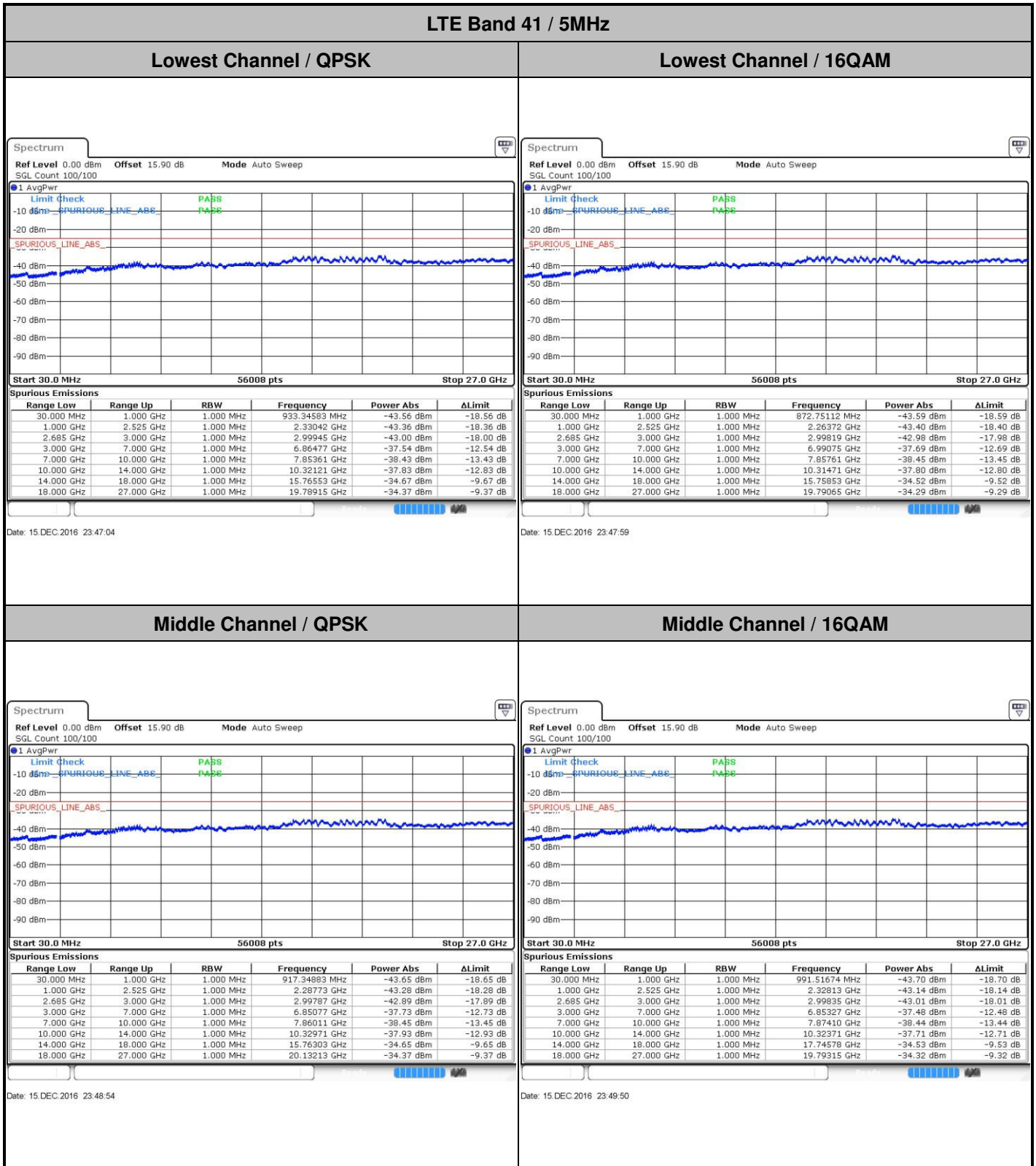
Highest Band Edge / Full RB



Date: 15 DEC 2016 23:44:59



Conducted Spurious Emission

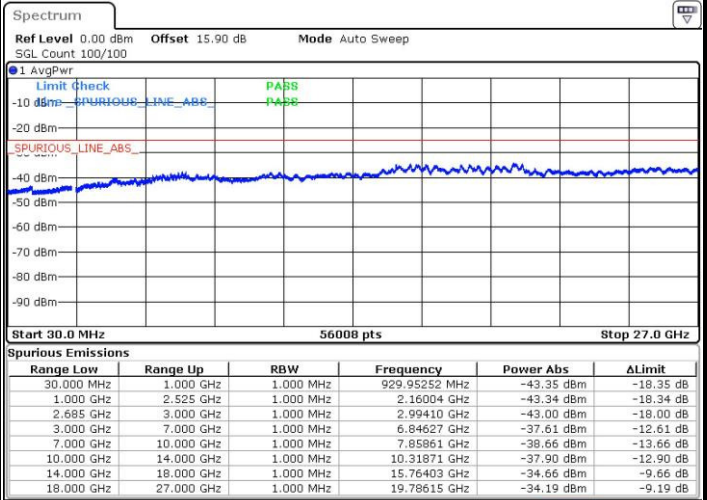
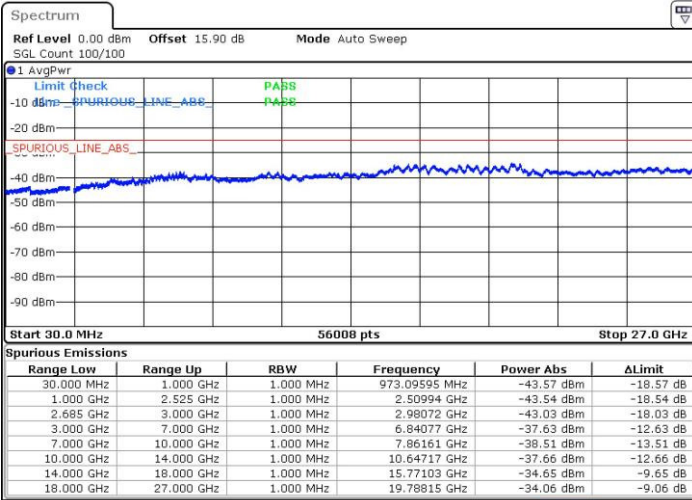




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



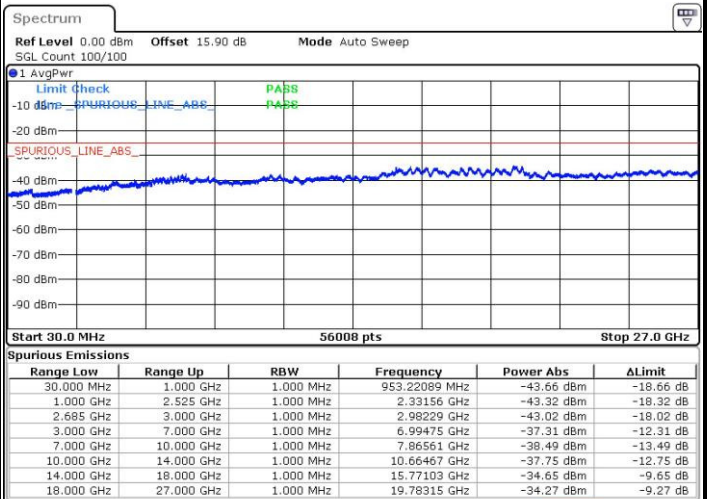
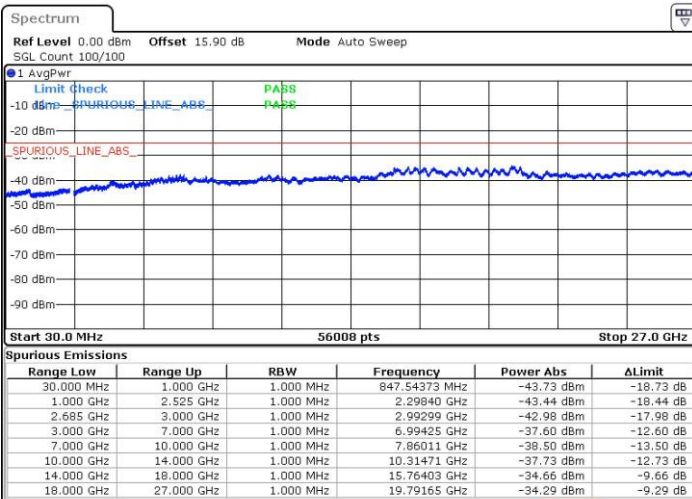
Date: 15.DEC.2016 23:50:45

Date: 15.DEC.2016 23:51:41

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 15.DEC.2016 23:52:36

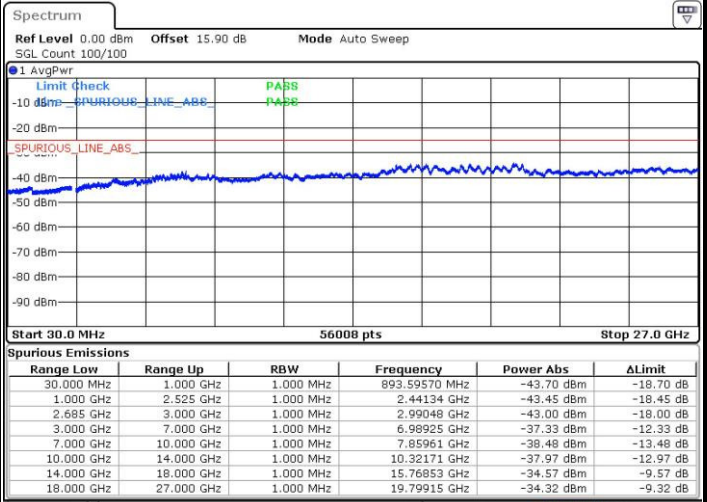
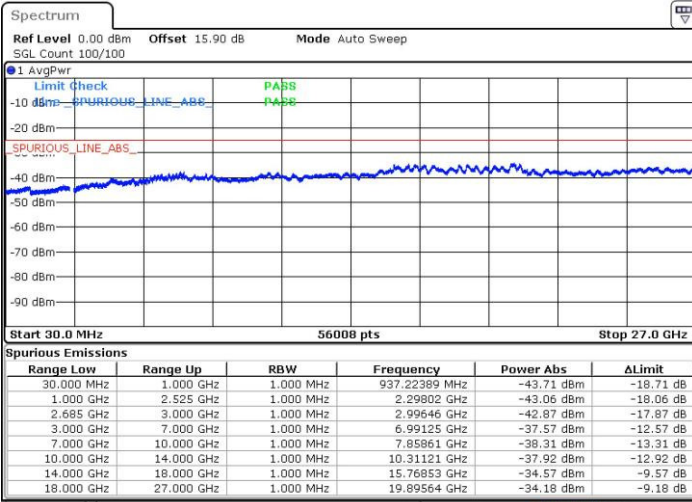
Date: 15.DEC.2016 23:53:32



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

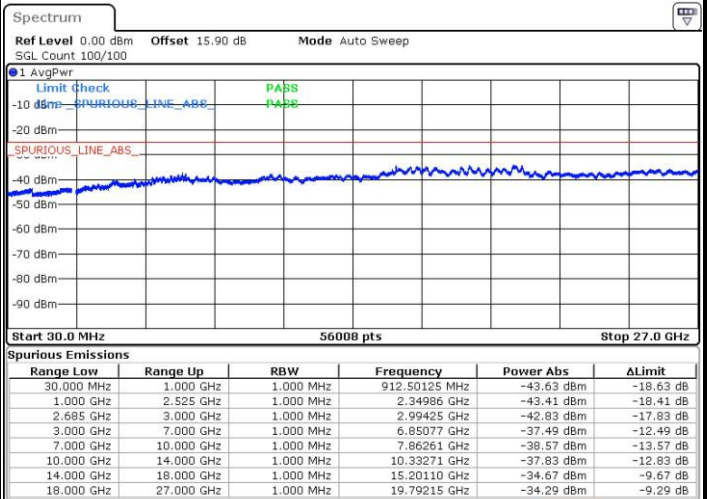
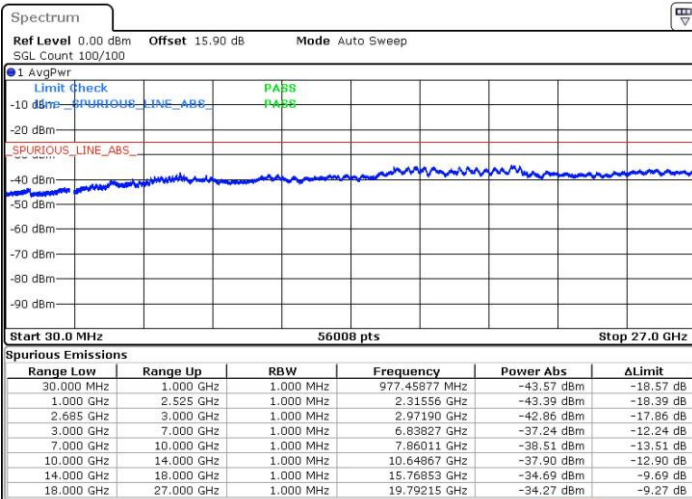


Date: 15.DEC.2016 23:54:27

Date: 15.DEC.2016 23:55:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 15.DEC.2016 23:56:18

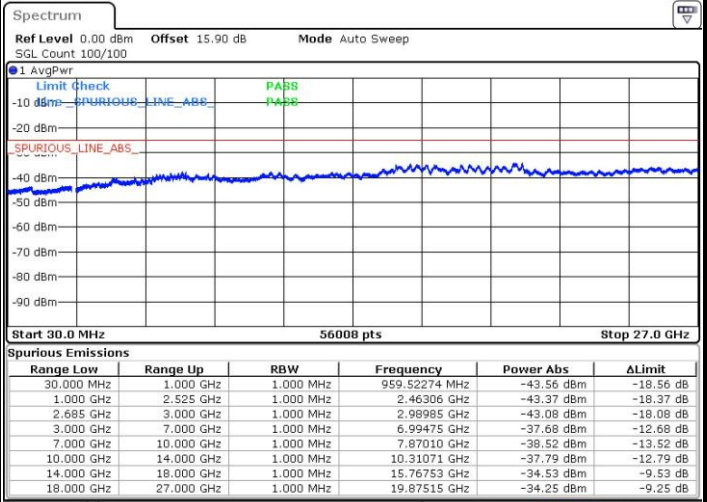
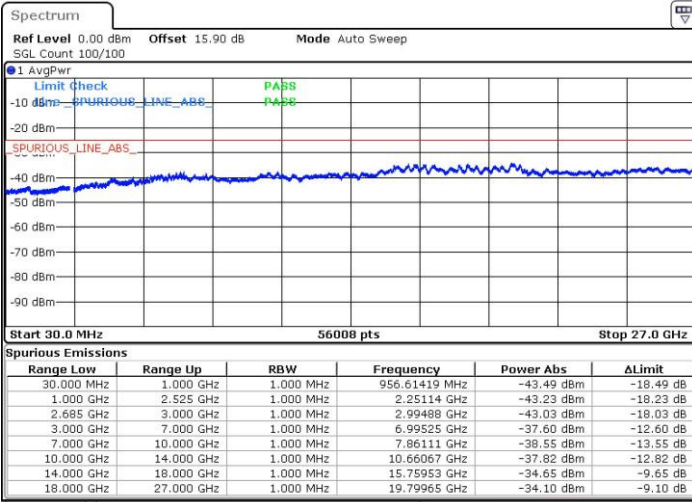
Date: 15.DEC.2016 23:57:13



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

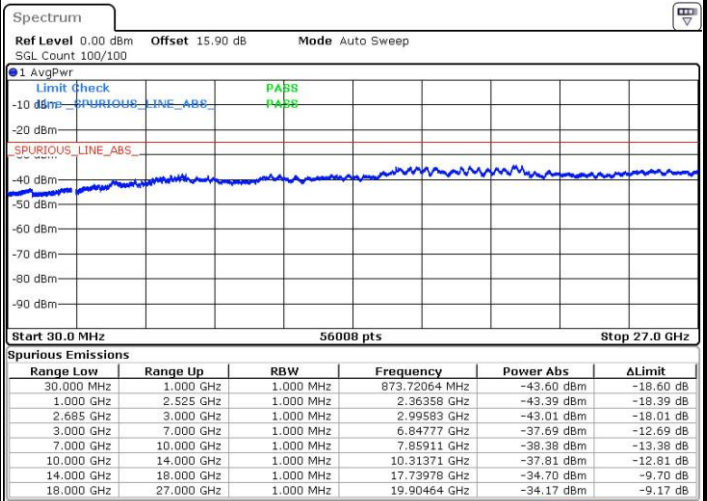
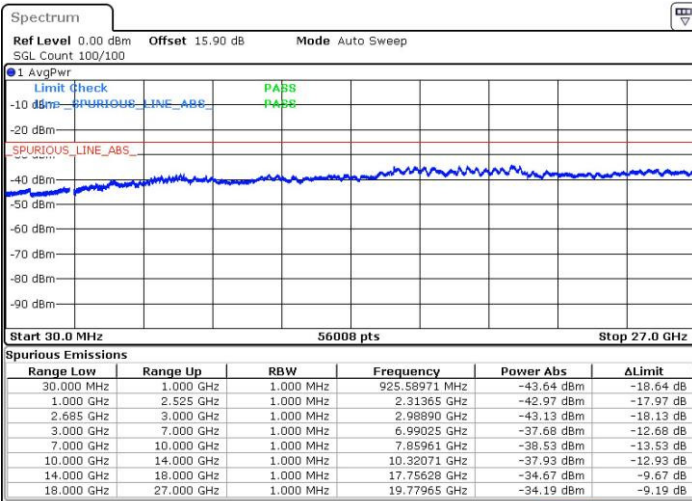


Date: 15.DEC.2016 23:58:09

Date: 15.DEC.2016 23:59:04

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 15.DEC.2016 23:59:59

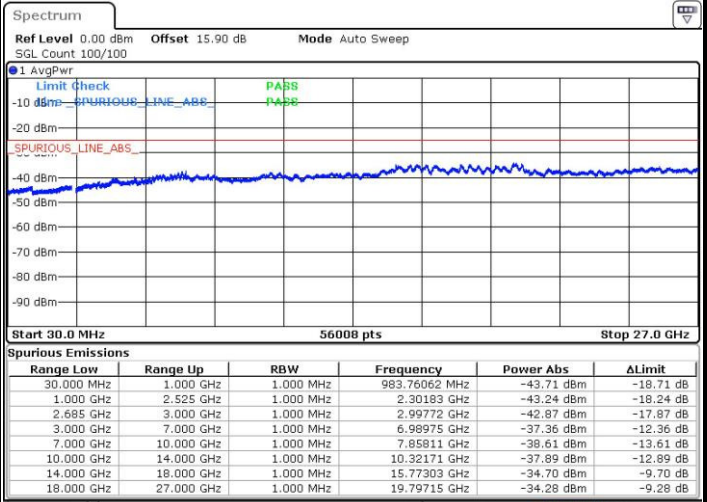
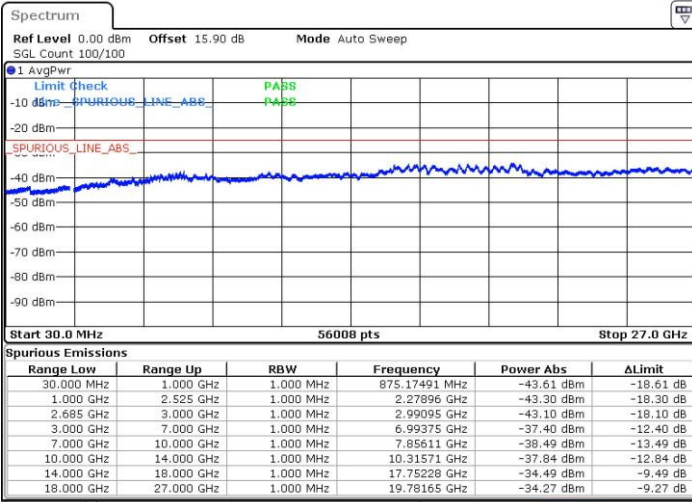
Date: 16.DEC.2016 00:00:55



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



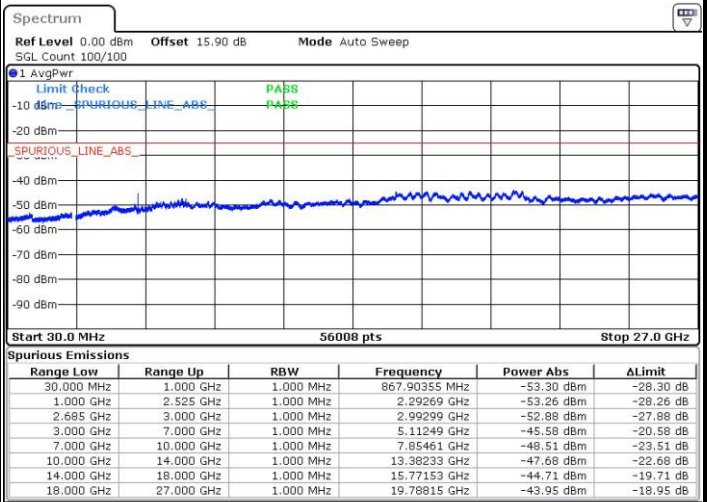
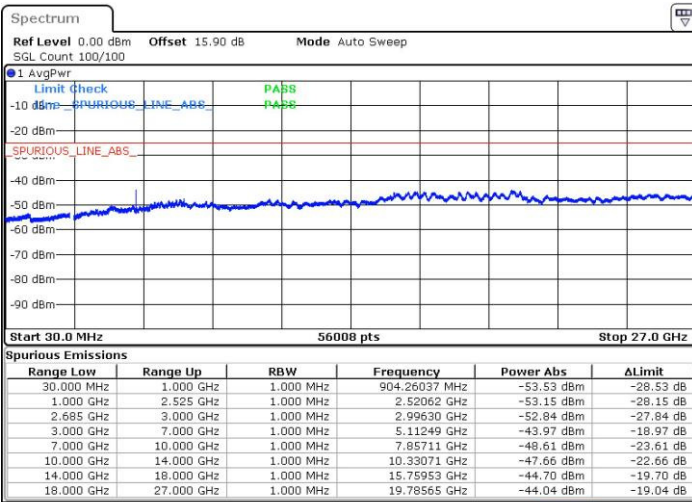
Date: 16.DEC.2016 00:01:50

Date: 16.DEC.2016 00:02:46

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 16.DEC.2016 00:03:41

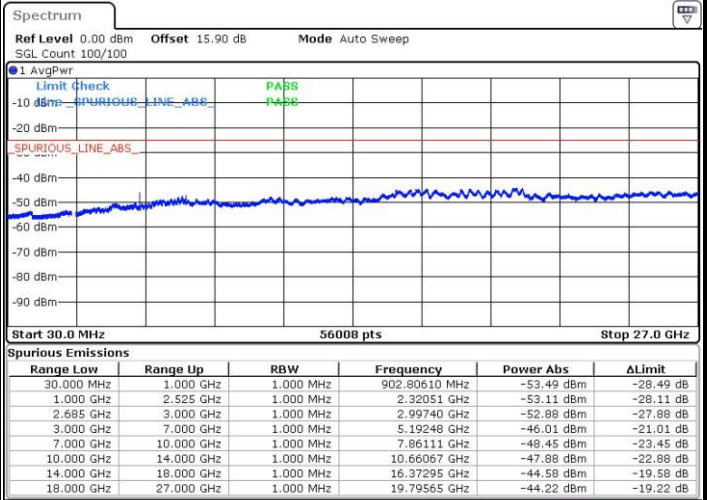
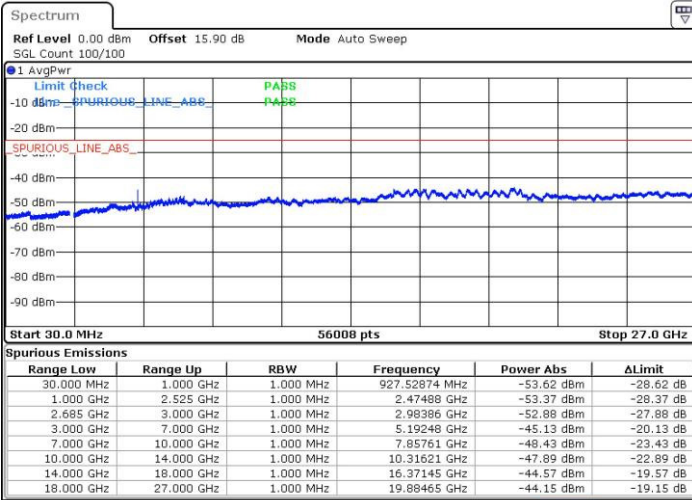
Date: 16.DEC.2016 00:04:36



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

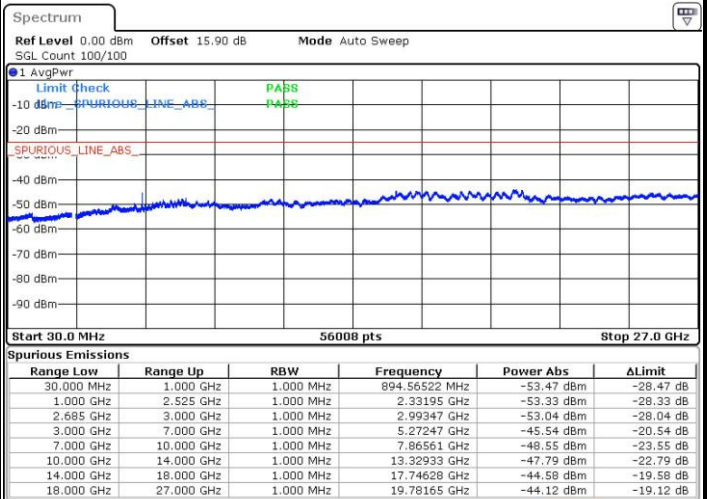
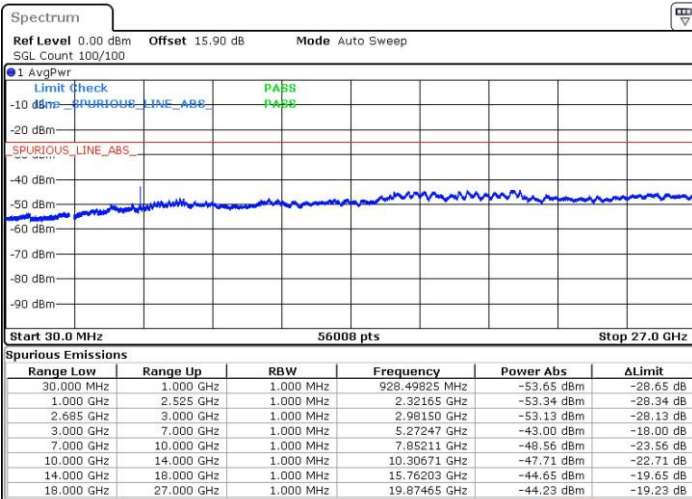


Date: 16.DEC.2016 00:05:32

Date: 16.DEC.2016 00:06:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.DEC.2016 00:07:23

Date: 16.DEC.2016 00:08:18



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	0.0007	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0172	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0173	
-20	Normal Voltage	0.0173	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0177	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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 5 / 1.4MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	24.24	0.2655	19.29	0.0849
Middle		3	0	24.23	0.2649	19.28	0.0847
Highest		3	0	24.40	0.2754	19.45	0.0881
Lowest	16QAM	1	5	23.41	0.2193	18.46	0.0701
Middle		1	5	23.34	0.2158	18.39	0.0690
Highest		1	5	23.21	0.2094	18.26	0.0670
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.32	0.2704	19.37	0.0865
Middle		1	0	24.32	0.2704	19.37	0.0865
Highest		1	0	24.40	0.2754	19.45	0.0881
Lowest	16QAM	1	14	23.45	0.2213	18.50	0.0708
Middle		1	14	23.40	0.2188	18.45	0.0700
Highest		1	14	23.33	0.2153	18.38	0.0689
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.27	0.2673	19.32	0.0855
Middle		1	12	24.29	0.2685	19.34	0.0859
Highest		1	12	24.40	0.2754	19.45	0.0881
Lowest	16QAM	1	0	23.40	0.2188	18.45	0.0700
Middle		1	0	23.43	0.2203	18.48	0.0705
Highest		1	0	23.45	0.2213	18.50	0.0708
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.34	0.2716	19.39	0.0869
Middle		1	0	24.41	0.2761	19.46	0.0883
Highest		1	0	24.30	0.2692	19.35	0.0861
Lowest	16QAM	1	0	23.48	0.2228	18.53	0.0713
Middle		1	0	23.50	0.2239	18.55	0.0716
Highest		1	0	23.42	0.2198	18.47	0.0703
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.93	0.1560	22.03	0.1596
Middle		1	12	21.74	0.1493	21.84	0.1528
Highest		1	12	21.92	0.1556	22.02	0.1592
Lowest	16QAM	1	12	21.17	0.1309	21.27	0.1340
Middle		1	12	21.04	0.1271	21.14	0.1300
Highest		1	12	21.23	0.1327	21.33	0.1358
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.91	0.1552	22.01	0.1589
Middle		1	49	21.86	0.1535	21.96	0.1570
Highest		1	49	22.02	0.1592	22.12	0.1629
Lowest	16QAM	1	49	21.15	0.1303	21.25	0.1334
Middle		1	49	21.15	0.1303	21.25	0.1334
Highest		1	49	21.32	0.1355	21.42	0.1387
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.15	0.1641	22.25	0.1679
Middle		1	74	22.16	0.1644	22.26	0.1683
Highest		1	74	22.31	0.1702	22.41	0.1742
Lowest	16QAM	1	74	21.42	0.1387	21.52	0.1419
Middle		1	74	21.44	0.1393	21.54	0.1426
Highest		1	74	21.49	0.1409	21.59	0.1442
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.24	0.1675	22.34	0.1714
Middle		1	0	22.32	0.1706	22.42	0.1746
Highest		1	0	22.37	0.1726	22.47	0.1766
Lowest	16QAM	1	0	21.46	0.1400	21.56	0.1432
Middle		1	0	21.47	0.1403	21.57	0.1435
Highest		1	0	21.49	0.1409	21.59	0.1442
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.16	0.2070	23.26	0.2118
Middle		1	12	23.36	0.2168	23.46	0.2218
Highest		1	12	23.58	0.2280	23.68	0.2333
Lowest	16QAM	1	12	22.16	0.1644	22.26	0.1683
Middle		1	12	22.35	0.1718	22.45	0.1758
Highest		1	12	22.57	0.1807	22.67	0.1849
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.96	0.1977	23.06	0.2023
Middle		1	49	23.47	0.2223	23.57	0.2275
Highest		1	49	23.65	0.2317	23.75	0.2371
Lowest	16QAM	1	49	21.95	0.1567	22.05	0.1603
Middle		1	49	22.45	0.1758	22.55	0.1799
Highest		1	49	22.65	0.1841	22.75	0.1884
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.21	0.2094	23.31	0.2143
Middle		1	74	23.66	0.2323	23.76	0.2377
Highest		1	74	23.70	0.2344	23.80	0.2399
Lowest	16QAM	1	74	22.13	0.1633	22.23	0.1671
Middle		1	74	22.58	0.1811	22.68	0.1854
Highest		1	74	22.75	0.1884	22.85	0.1928
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.59	0.2286	23.69	0.2339
Middle		1	0	23.75	0.2371	23.85	0.2427
Highest		1	0	23.70	0.2344	23.80	0.2399
Lowest	16QAM	1	99	22.37	0.1726	22.47	0.1766
Middle		1	99	22.74	0.1879	22.84	0.1923
Highest		1	99	22.70	0.1862	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

LTE Band 5

LTE Band 5 / 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	1648	-57.89	-13	-44.89	-67.58	-59.65	0.98	4.89	H
	2472	-56.20	-13	-43.20	-69.9	-58.08	1.28	5.32	H
	3296	-54.18	-13	-41.18	-69.99	-57.59	1.54	7.10	H
									H
									H
									H
	1648	-58.58	-13	-45.58	-68.39	-60.34	0.98	4.89	V
	2472	-55.80	-13	-42.80	-69.68	-57.68	1.28	5.32	V
	3296	-53.87	-13	-40.87	-69.82	-57.28	1.54	7.10	V
									V
Middle	1672	-58.33	-13	-45.33	-68.18	-60.01	0.99	4.82	H
	2504	-55.89	-13	-42.89	-69.62	-57.85	1.29	5.40	H
	3344	-53.88	-13	-40.88	-70	-57.49	1.56	7.31	H
									H
									H
									H
	1672	-58.64	-13	-45.64	-68.46	-60.32	0.99	4.82	V
	2504	-55.25	-13	-42.25	-69.07	-57.21	1.29	5.40	V
	3344	-54.71	-13	-41.71	-70.67	-58.32	1.56	7.31	V
									V
Highest	1695	-58.21	-13	-45.21	-68.2	-59.82	1.00	4.75	H
	2542	-56.16	-13	-43.16	-70.13	-58.14	1.30	5.43	H
	3390	-52.49	-13	-39.49	-68.57	-56.29	1.57	7.52	H
									H
									H
									H
	1695	-57.74	-13	-44.74	-67.67	-59.35	1.00	4.75	V
	2542	-55.88	-13	-42.88	-69.84	-57.86	1.30	5.43	V
	3390	-54.57	-13	-41.57	-70.75	-58.37	1.57	7.52	V
									V

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



LTE Band 5 / 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	-58.38	-13	-45.38	-68.16	-60.14	0.98	4.89	H
	2472	-56.06	-13	-43.06	-69.76	-57.94	1.28	5.32	H
	3296	-53.67	-13	-40.67	-69.62	-57.08	1.54	7.10	H
									H
									H
									H
									H
	1648	-58.30	-13	-45.30	-68.01	-60.06	0.98	4.89	V
	2472	-55.66	-13	-42.66	-69.42	-57.54	1.28	5.32	V
	3296	-53.74	-13	-40.74	-69.74	-57.15	1.54	7.10	V
									V
	Middle	1672	-58.01	-13	-45.01	-67.91	-59.69	0.99	4.82
2504		-55.93	-13	-42.93	-69.68	-57.89	1.29	5.40	H
3336		-53.84	-13	-40.84	-69.88	-57.42	1.55	7.28	H
									H
									H
									H
									H
1672		-57.86	-13	-44.86	-67.67	-59.54	0.99	4.82	V
2504		-55.66	-13	-42.66	-69.45	-57.62	1.29	5.40	V
3336		-53.55	-13	-40.55	-69.51	-57.13	1.55	7.28	V
									V
Highest		1688	-58.74	-13	-45.74	-68.72	-60.37	1.00	4.77
	2536	-54.94	-13	-41.94	-68.82	-56.92	1.30	5.43	H
	3384	-53.01	-13	-40.01	-69.07	-56.78	1.57	7.49	H
									H
									H
									H
									H
	1688	-58.98	-13	-45.98	-68.78	-60.61	1.00	4.77	V
	2536	-55.38	-13	-42.38	-69.3	-57.36	1.30	5.43	V
	3384	-53.76	-13	-40.76	-69.99	-57.53	1.57	7.49	V
									V
									V
								V	

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



LTE Band 5 / 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	-58.29	-13	-45.29	-68.06	-60.05	0.98	4.89	H
	2472	-56.31	-13	-43.31	-70.09	-58.19	1.28	5.32	H
	3296	-54.34	-13	-41.34	-70.18	-57.75	1.54	7.10	H
									H
									H
									H
									H
	1648	-57.98	-13	-44.98	-67.7	-59.74	0.98	4.89	V
	2472	-55.41	-13	-42.41	-69.25	-57.29	1.28	5.32	V
	3296	-53.35	-13	-40.35	-69.15	-56.76	1.54	7.10	V
									V
	Middle	1672	-58.65	-13	-45.65	-68.57	-60.33	0.99	4.82
2504		-55.52	-13	-42.52	-69.27	-57.48	1.29	5.40	H
3336		-53.54	-13	-40.54	-69.59	-57.12	1.55	7.28	H
									H
									H
									H
									H
1672		-56.88	-13	-43.88	-66.65	-58.56	0.99	4.82	V
2504		-55.95	-13	-42.95	-69.73	-57.91	1.29	5.40	V
3336		-52.84	-13	-39.84	-68.84	-56.42	1.55	7.28	V
									V
Highest		1688	-57.88	-13	-44.88	-67.83	-59.51	1.00	4.77
	2536	-54.87	-13	-41.87	-68.79	-56.85	1.30	5.43	H
	3376	-54.05	-13	-41.05	-70.18	-57.79	1.57	7.45	H
									H
									H
									H
									H
	1688	-57.73	-13	-44.73	-67.58	-59.36	1.00	4.77	V
	2536	-55.40	-13	-42.40	-69.3	-57.38	1.30	5.43	V
	3376	-53.88	-13	-40.88	-70.02	-57.62	1.57	7.45	V
									V
									V
								V	
								V	

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



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	-57.86	-13	-44.86	-67.75	-59.62	0.98	4.89	H
	2472	-55.55	-13	-42.55	-69.25	-57.43	1.28	5.32	H
	3296	-54.18	-13	-41.18	-70.14	-57.59	1.54	7.10	H
									H
									H
									H
									H
	1648	-58.48	-13	-45.48	-68.16	-60.24	0.98	4.89	V
	2472	-56.28	-13	-43.28	-70.02	-58.16	1.28	5.32	V
	3296	-52.94	-13	-39.94	-68.84	-56.35	1.54	7.10	V
									V
	Middle	1664	-58.07	-13	-45.07	-68.07	-59.78	0.98	4.84
2496		-55.57	-13	-42.57	-69.31	-57.52	1.29	5.39	H
3328		-53.32	-13	-40.32	-69.24	-56.86	1.55	7.24	H
									H
									H
									H
									H
1664		-57.83	-13	-44.83	-67.64	-59.54	0.98	4.84	V
2496		-55.95	-13	-42.95	-69.73	-57.9	1.29	5.39	V
3328		-53.57	-13	-40.57	-69.58	-57.11	1.55	7.24	V
									V
Highest		1680	-57.87	-13	-44.87	-67.77	-59.52	0.99	4.80
	2520	-56.19	-13	-43.19	-70.02	-58.16	1.30	5.42	H
	3352	-53.90	-13	-40.90	-69.92	-57.54	1.56	7.35	H
									H
									H
									H
									H
	1680	-57.26	-13	-44.26	-67.11	-58.91	0.99	4.80	V
	2520	-55.77	-13	-42.77	-69.62	-57.74	1.30	5.42	V
	3352	-53.05	-13	-40.05	-69.09	-56.69	1.56	7.35	V
									V
									V
								V	

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



LTE Band 7

LTE Band 7 / 5MHz / 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	4998	-45.81	-25	-20.81	-66.89	-53.17	2.34	9.70	H
	7500	-43.40	-25	-18.40	-70.65	-52.77	2.43	11.80	H
	14994	-39.12	-25	-14.12	-72.39	-49.12	3.60	13.59	H
									H
									H
									H
	4998	-47.41	-25	-22.41	-68.72	-54.77	2.34	9.70	V
	7500	-42.18	-25	-17.18	-69.55	-51.55	2.43	11.80	V
	14994	-38.43	-25	-13.43	-73.47	-48.43	3.60	13.59	V
									V
									V
									V
Middle	5070	-47.49	-25	-22.49	-68.77	-54.81	2.38	9.70	H
	7608	-43.36	-25	-18.36	-70.74	-52.83	2.39	11.86	H
	15210	-39.75	-25	-14.75	-73.73	-49.96	3.69	13.89	H
									H
									H
									H
	5070	-49.59	-25	-24.59	-71.05	-56.91	2.38	9.70	V
	7608	-43.34	-25	-18.34	-70.81	-52.81	2.39	11.86	V
	15210	-37.33	-25	-12.33	-72.4	-47.54	3.69	13.89	V
									V
									V
									V
Highest	5130	-47.72	-25	-22.72	-69.2	-55.01	2.41	9.70	H
	7692	-42.13	-25	-17.13	-69.61	-51.68	2.37	11.92	H
	15390	-35.32	-25	-10.32	-69.87	-45.71	3.76	14.15	H
									H
									H
									H
	5130	-48.18	-25	-23.18	-69.78	-55.47	2.41	9.70	V
	7698	-42.60	-25	-17.60	-70.14	-52.15	2.37	11.92	V
	15390	-38.13	-25	-13.13	-73.19	-48.52	3.76	14.15	V
									V
									V
									V

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



LTE Band 7 / 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	5004	-47.29	-25	-22.29	-68.42	-54.65	2.34	9.70	H
	7506	-43.48	-25	-18.48	-70.75	-52.86	2.43	11.80	H
	15012	-37.62	-25	-12.62	-70.91	-47.63	3.60	13.62	H
									H
									H
									H
									H
	5004	-48.34	-25	-23.34	-69.69	-55.7	2.34	9.70	V
	7506	-42.48	-25	-17.48	-69.87	-51.86	2.43	11.80	V
	15012	-38.09	-25	-13.09	-73.17	-48.1	3.60	13.62	V
									V
	Middle	5064	-47.55	-25	-22.55	-68.86	-54.88	2.37	9.70
7596		-43.06	-25	-18.06	-70.42	-52.52	2.40	11.86	H
15192		-36.49	-25	-11.49	-70.41	-46.68	3.68	13.87	H
									H
									H
									H
									H
5064		-46.65	-25	-21.65	-68.11	-53.98	2.37	9.70	V
7596		-44.15	-25	-19.15	-71.6	-53.61	2.40	11.86	V
15192		-38.59	-25	-13.59	-73.66	-48.78	3.68	13.87	V
									V
Highest		5124	-47.66	-25	-22.66	-69.14	-54.95	2.41	9.70
	7686	-43.40	-25	-18.40	-70.86	-52.94	2.37	11.91	H
	15372	-31.83	-25	-6.83	-66.31	-42.2	3.75	14.12	H
									H
									H
									H
									H
	5124	-47.92	-25	-22.92	-69.52	-55.21	2.41	9.70	V
	7686	-42.69	-25	-17.69	-70.21	-52.23	2.37	11.91	V
	15372	-36.55	-25	-11.55	-71.61	-46.92	3.75	14.12	V
									V
									V
								V	
								V	

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



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	5004	-47.89	-25	-22.89	-69.02	-55.25	2.34	9.70	H
	7506	-43.40	-25	-18.40	-70.67	-52.78	2.43	11.80	H
	15012	-39.68	-25	-14.68	-72.97	-49.69	3.60	13.62	H
									H
									H
									H
									H
	5004	-48.12	-25	-23.12	-69.47	-55.48	2.34	9.70	V
	7506	-43.22	-25	-18.22	-70.61	-52.6	2.43	11.80	V
	15012	-38.13	-25	-13.13	-73.21	-48.14	3.60	13.62	V
									V
	Middle	5058	-47.58	-25	-22.58	-68.86	-54.91	2.37	9.70
7584		-42.23	-25	-17.23	-69.57	-51.68	2.40	11.85	H
15174		-37.51	-25	-12.51	-71.37	-47.68	3.67	13.84	H
									H
									H
									H
									H
5058		-47.75	-25	-22.75	-69.21	-55.08	2.37	9.70	V
7584		-42.29	-25	-17.29	-69.73	-51.74	2.40	11.85	V
15174		-38.18	-25	-13.18	-73.25	-48.35	3.67	13.84	V
									V
Highest		5112	-46.81	-25	-21.81	-68.24	-54.11	2.40	9.70
	7668	-39.89	-25	-14.89	-67.33	-49.42	2.38	11.90	H
	15336	-30.88	-25	-5.88	-65.25	-41.21	3.74	14.07	H
									H
									H
									H
									H
	5112	-47.70	-25	-22.70	-69.27	-55	2.40	9.70	V
	7668	-42.11	-25	-17.11	-69.62	-51.64	2.38	11.90	V
	15336	-33.99	-25	-8.99	-69.05	-44.32	3.74	14.07	V
									V
									V
								V	

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



LTE Band 7 / 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	5004	-46.74	-25	-21.74	-67.87	-54.1	2.34	9.70	H
	7506	-43.49	-25	-18.49	-70.76	-52.87	2.43	11.80	H
	15012	-39.13	-25	-14.13	-72.42	-49.14	3.60	13.62	H
									H
									H
									H
									H
	5004	-46.78	-25	-21.78	-68.16	-54.14	2.34	9.70	V
	7506	-43.19	-25	-18.19	-70.58	-52.57	2.43	11.80	V
	15012	-38.69	-25	-13.69	-73.77	-48.7	3.60	13.62	V
									V
	Middle	5052	-47.79	-25	-22.79	-69.02	-55.12	2.37	9.70
7578		-44.02	-25	-19.02	-71.36	-53.46	2.40	11.85	H
15156		-35.66	-25	-10.66	-69.52	-45.82	3.66	13.82	H
									H
									H
									H
									H
5052		-47.61	-25	-22.61	-69.03	-54.94	2.37	9.70	V
7578		-43.06	-25	-18.06	-70.5	-52.5	2.40	11.85	V
15156		-37.77	-25	-12.77	-72.84	-47.93	3.66	13.82	V
									V
Highest		5100	-45.57	-25	-20.57	-66.95	-52.88	2.39	9.70
	10206	-36.66	-25	-11.66	-68.57	-46.25	2.70	12.28	H
	15300	-34.68	-25	-9.68	-68.93	-44.98	3.72	14.02	H
									H
									H
									H
									H
	5100	-47.41	-25	-22.41	-68.94	-54.72	2.39	9.70	V
	10206	-37.04	-25	-12.04	-68.23	-46.63	2.70	12.28	V
	15300	-37.38	-25	-12.38	-72.44	-47.68	3.72	14.02	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 / 5MHz / 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	5112	-48.70	-25	-23.70	-70.13	-56	2.40	9.70	H
	7668	-41.53	-25	-16.53	-68.98	-51.06	2.38	11.90	H
	15336	-35.59	-25	-10.59	-69.9	-45.92	3.74	14.07	H
									H
									H
									H
	5112	-46.93	-25	-21.93	-68.5	-54.23	2.40	9.70	V
	7668	-43.61	-25	-18.61	-71.09	-53.14	2.38	11.90	V
	15336	-35.02	-25	-10.02	-70.7	-45.35	3.74	14.07	V
									V
									V
Middle	5208	-44.39	-25	-19.39	-66.03	-51.63	2.46	9.70	H
	7806	-40.50	-25	-15.50	-68.06	-50.15	2.33	11.98	H
	10404	-39.04	-25	-14.04	-71.15	-48.71	2.69	12.36	H
									H
									H
									H
	5208	-46.77	-25	-21.77	-68.52	-54.01	2.46	9.70	V
	7806	-42.40	-25	-17.40	-70.01	-52.05	2.33	11.98	V
	10404	-40.12	-25	-15.12	-71.49	-49.79	2.69	12.36	V
									V
									V
Highest	5298	-44.72	-25	-19.72	-66.69	-51.91	2.51	9.70	H
	7950	-37.65	-25	-12.65	-65.36	-47.44	2.28	12.07	H
	10602	-40.10	-25	-15.10	-72.17	-49.83	2.69	12.42	H
									H
									H
									H
	5298	-48.69	-25	-23.69	-70.71	-55.88	2.51	9.70	V
	7950	-43.02	-25	-18.02	-70.83	-52.81	2.28	12.07	V
	10602	-39.54	-25	-14.54	-71.05	-49.27	2.69	12.42	V
									V
									V

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



LTE Band 41 / 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	5112	-47.48	-25	-22.48	-68.91	-54.78	2.40	9.70	H
	7668	-37.36	-25	-12.36	-64.81	-46.89	2.38	11.90	H
	15336	-38.06	-25	-13.06	-72.43	-48.39	3.74	14.07	H
									H
									H
									H
									H
	5112	-47.85	-25	-22.85	-69.42	-55.15	2.40	9.70	V
	7668	-43.33	-25	-18.33	-71.03	-52.86	2.38	11.90	V
	15336	-32.48	-25	-7.48	-67.54	-42.81	3.74	14.07	V
									V
	Middle	5208	-48.17	-25	-23.17	-69.9	-55.41	2.46	9.70
7800		-38.57	-25	-13.57	-66.15	-48.22	2.33	11.98	H
10404		-38.21	-25	-13.21	-70.31	-47.88	2.69	12.36	H
									H
									H
									H
									H
5208		-47.04	-25	-22.04	-68.82	-54.28	2.46	9.70	V
7800		-42.32	-25	-17.32	-69.93	-51.97	2.33	11.98	V
10404		-40.36	-25	-15.36	-71.67	-50.03	2.69	12.36	V
									V
Highest		5292	-46.47	-25	-21.47	-68.35	-53.66	2.51	9.70
	7938	-36.34	-25	-11.34	-64.12	-46.11	2.29	12.06	H
	10584	-37.27	-25	-12.27	-69.46	-47	2.69	12.42	H
									H
									H
									H
									H
	5292	-47.62	-25	-22.62	-69.53	-54.81	2.51	9.70	V
	7938	-42.59	-25	-17.59	-70.27	-52.36	2.29	12.06	V
	10584	-39.16	-25	-14.16	-70.7	-48.89	2.69	12.42	V
									V
									V
								V	

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



LTE Band 41 / 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	5112	-48.09	-25	-23.09	-69.52	-55.39	2.40	9.70	H
	7668	-41.03	-25	-16.03	-68.48	-50.56	2.38	11.90	H
	15336	-37.43	-25	-12.43	-71.83	-47.76	3.74	14.07	H
									H
									H
									H
									H
	5112	-46.55	-25	-21.55	-68.16	-53.85	2.40	9.70	V
	7668	-43.53	-25	-18.53	-71.02	-53.06	2.38	11.90	V
	15336	-35.98	-25	-10.98	-70.99	-46.31	3.74	14.07	V
									V
	Middle	5196	-45.14	-25	-20.14	-66.79	-52.39	2.45	9.70
7794		-40.80	-25	-15.80	-68.41	-50.44	2.33	11.98	H
10386		-41.01	-25	-16.01	-73.05	-50.67	2.69	12.35	H
									H
									H
									H
									H
5196		-46.71	-25	-21.71	-68.42	-53.96	2.45	9.70	V
7794		-42.72	-25	-17.72	-70.38	-52.36	2.33	11.98	V
10386		-37.72	-25	-12.72	-69.09	-47.38	2.69	12.35	V
									V
Highest		5280	-45.86	-25	-20.86	-67.79	-53.06	2.50	9.70
	7920	-41.98	-25	-16.98	-69.64	-51.74	2.29	12.05	H
	10566	-39.44	-25	-14.44	-71.68	-49.16	2.69	12.41	H
									H
									H
									H
									H
	5280	-47.95	-25	-22.95	-69.88	-55.15	2.50	9.70	V
	7920	-42.77	-25	-17.77	-70.41	-52.53	2.29	12.05	V
	10566	-38.09	-25	-13.09	-69.51	-47.81	2.69	12.41	V
									V
									V
								V	

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



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	5112	-48.44	-25	-23.44	-69.63	-55.74	2.40	9.70	H
	7668	-40.05	-25	-15.05	-67.48	-49.58	2.38	11.90	H
	15336	-38.20	-25	-13.20	-72.6	-48.53	3.74	14.07	H
									H
									H
									H
									H
	5112	-46.98	-25	-21.98	-68.55	-54.28	2.40	9.70	V
	7668	-43.06	-25	-18.06	-70.55	-52.59	2.38	11.90	V
	15336	-34.88	-25	-9.88	-69.89	-45.21	3.74	14.07	V
									V
	Middle	5190	-44.50	-25	-19.50	-66.2	-51.75	2.45	9.70
7788		-41.19	-25	-16.19	-68.68	-50.83	2.34	11.97	H
10386		-37.31	-25	-12.31	-69.34	-46.97	2.69	12.35	H
									H
									H
									H
									H
5190		-45.40	-25	-20.40	-67.29	-52.65	2.45	9.70	V
7788		-42.99	-25	-17.99	-70.54	-52.63	2.34	11.97	V
10386		-39.22	-25	-14.22	-70.53	-48.88	2.69	12.35	V
									V
Highest		5274	-45.07	-25	-20.07	-66.93	-52.28	2.49	9.70
	7908	-41.10	-25	-16.10	-68.73	-50.85	2.30	12.04	H
	10548	-37.82	-25	-12.82	-70.07	-47.54	2.69	12.41	H
									H
									H
									H
									H
	5274	-46.81	-25	-21.81	-68.7	-54.02	2.49	9.70	V
	7908	-43.51	-25	-18.51	-71.2	-53.26	2.30	12.04	V
	10548	-38.42	-25	-13.42	-69.92	-48.14	2.69	12.41	V
									V
									V
								V	
								V	

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