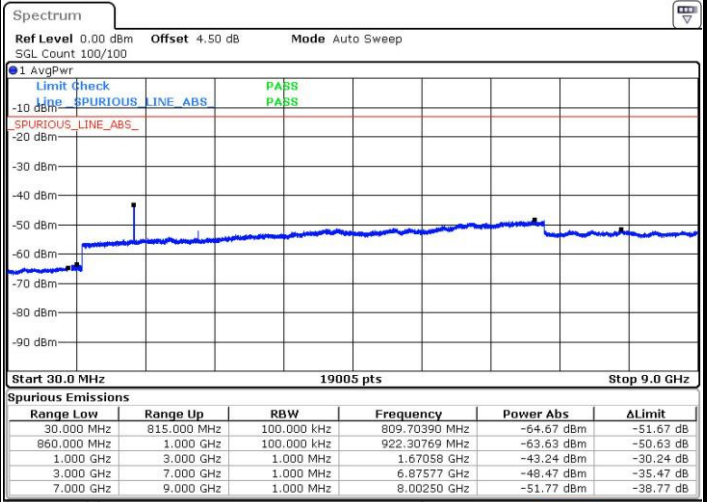
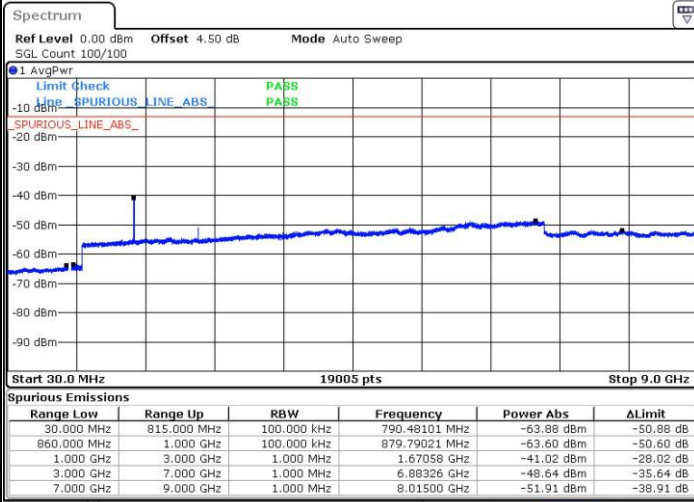




LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

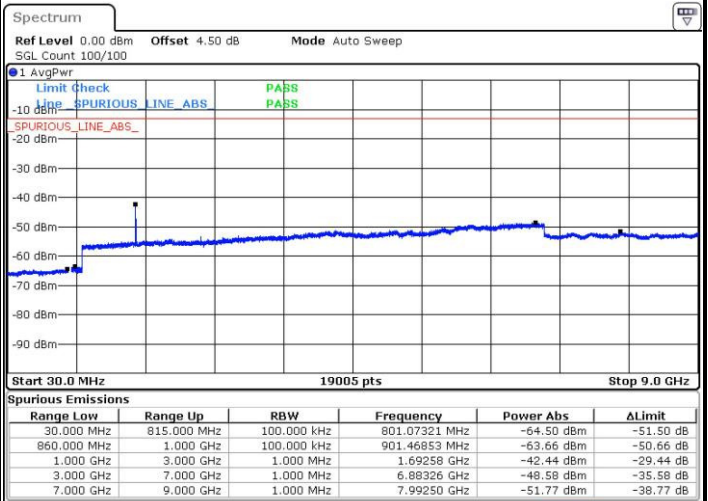
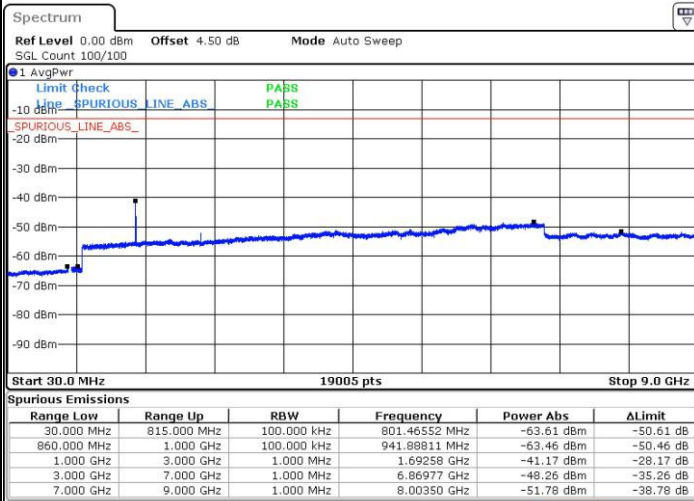


Date: 12 AUG.2016 16:45:39

Date: 12 AUG.2016 16:46:34

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 AUG.2016 17:00:43

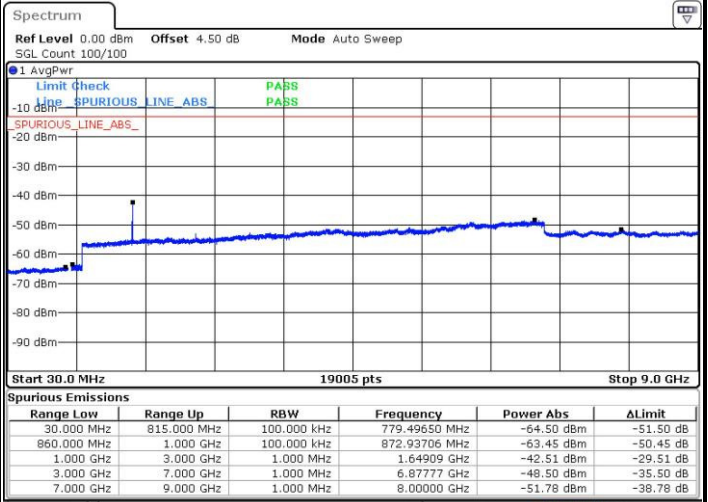
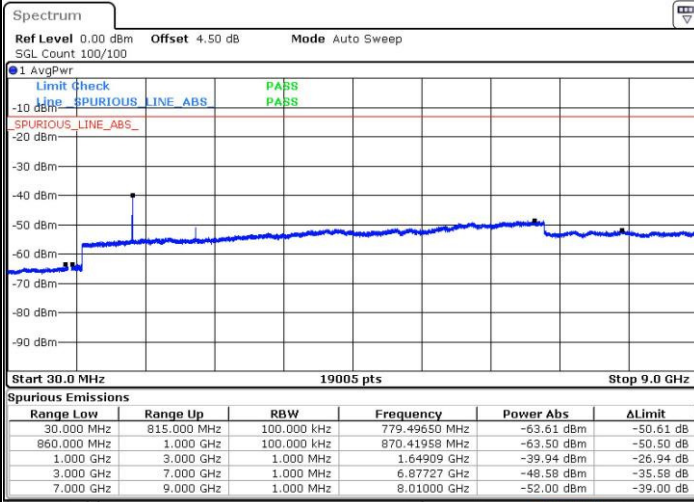
Date: 12 AUG.2016 17:01:38



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

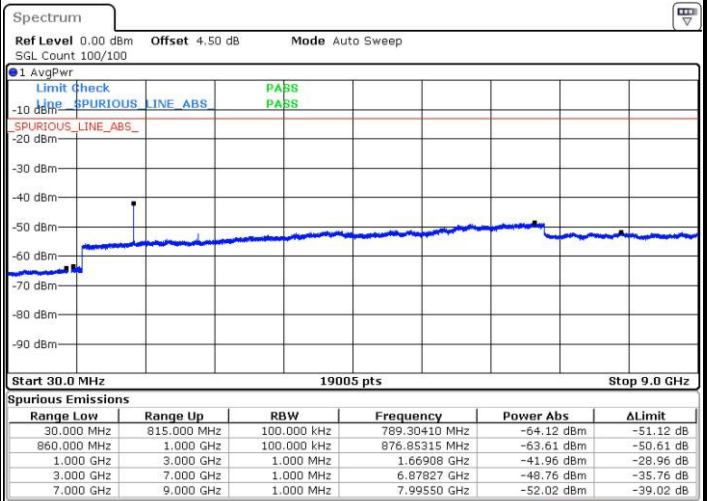
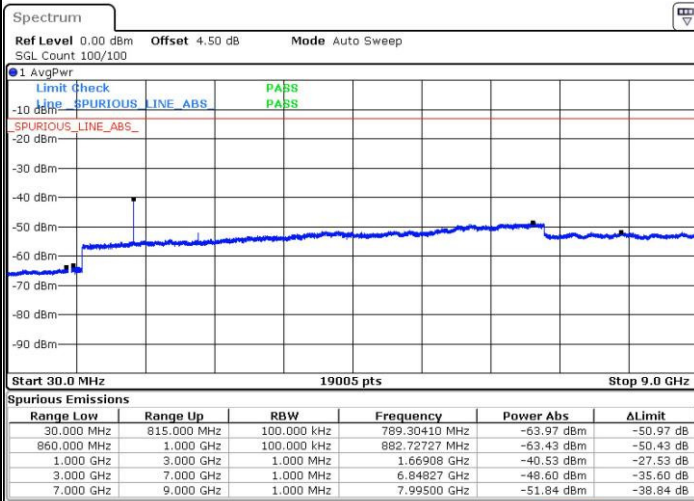


Date: 12 AUG.2016 17:15:47

Date: 12 AUG.2016 17:16:42

Middle Channel / QPSK

Middle Channel / 16QAM



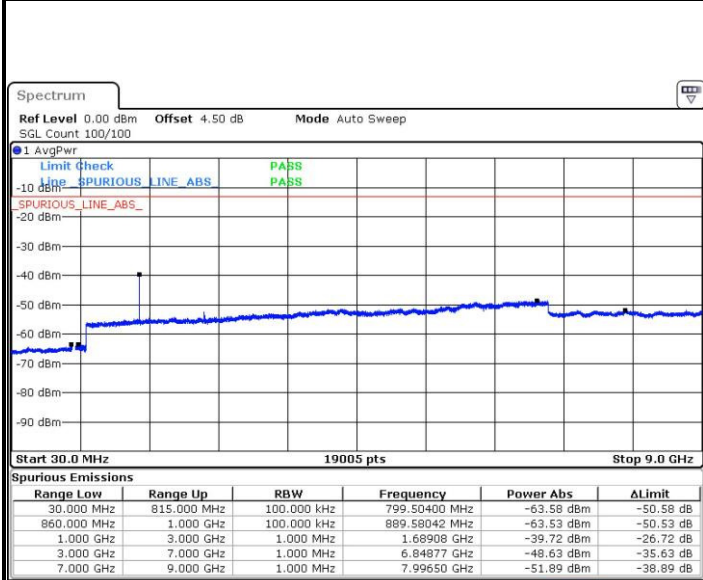
Date: 12 AUG.2016 17:18:20

Date: 12 AUG.2016 17:19:15



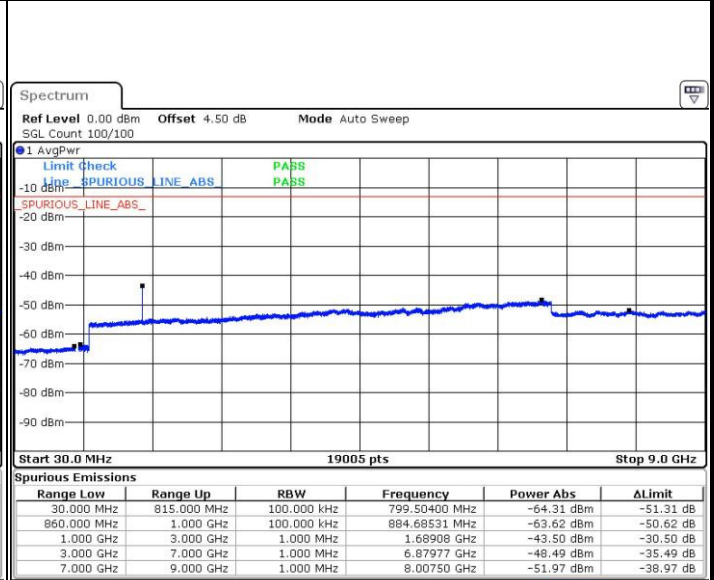
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 12 AUG.2016 17:33:24

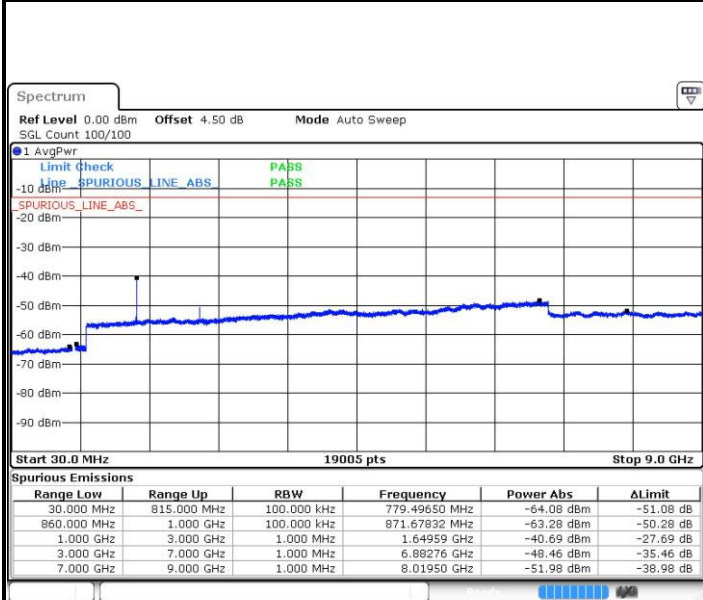
Highest Channel / 16QAM



Date: 12 AUG.2016 17:34:19

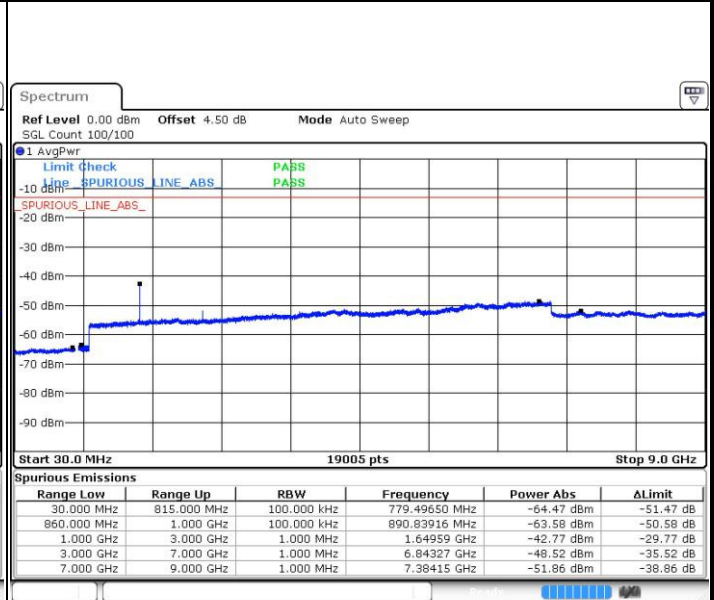
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 12 AUG.2016 17:48:28

Lowest Channel / 16QAM



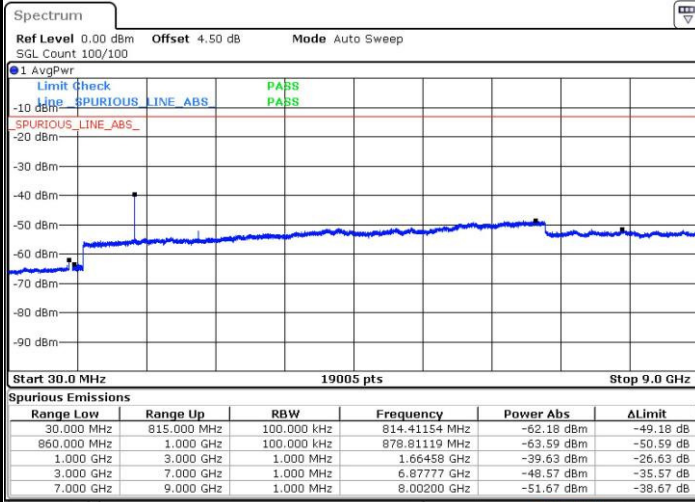
Date: 12 AUG.2016 17:49:23



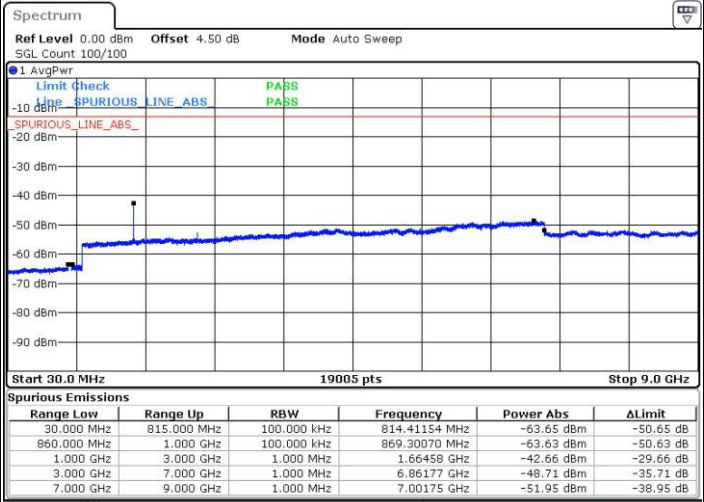
LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



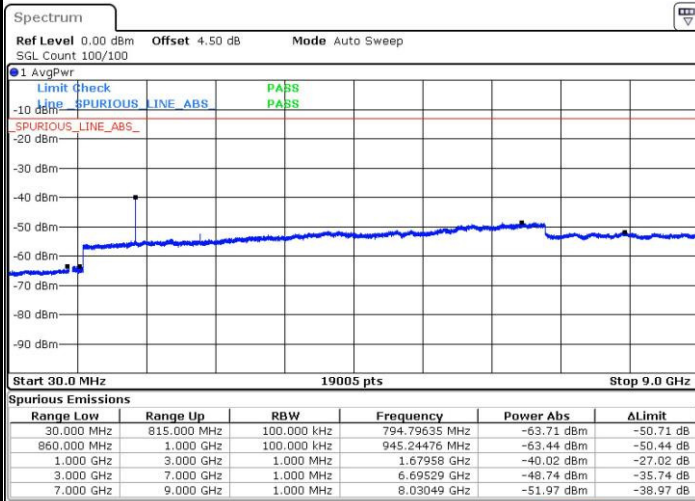
Date: 12 AUG.2016 17:51:00



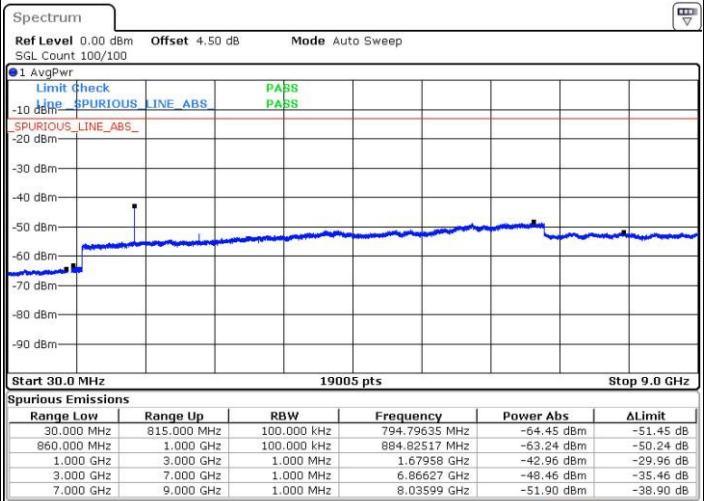
Date: 12 AUG.2016 17:51:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 AUG.2016 18:06:04



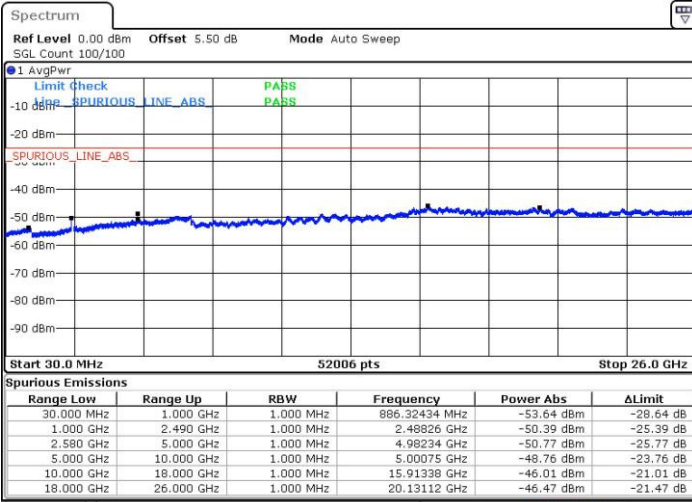
Date: 12 AUG.2016 18:06:59



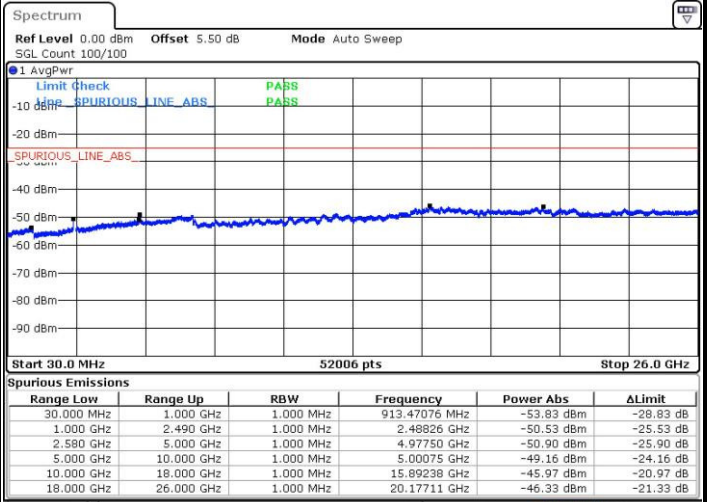
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



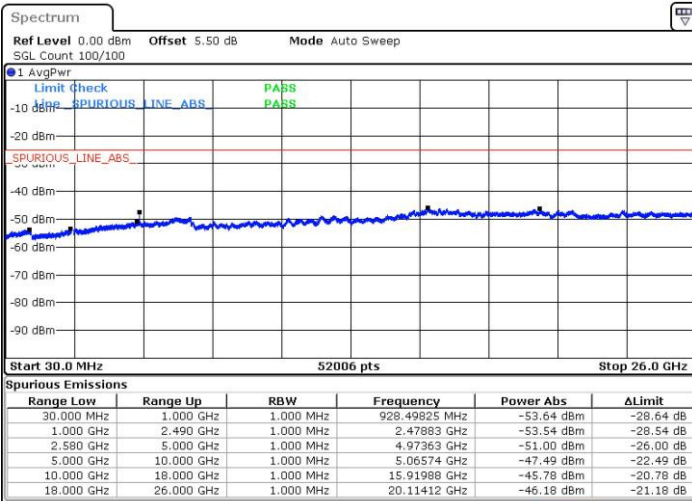
Date: 25.AUG.2016 11:17:43



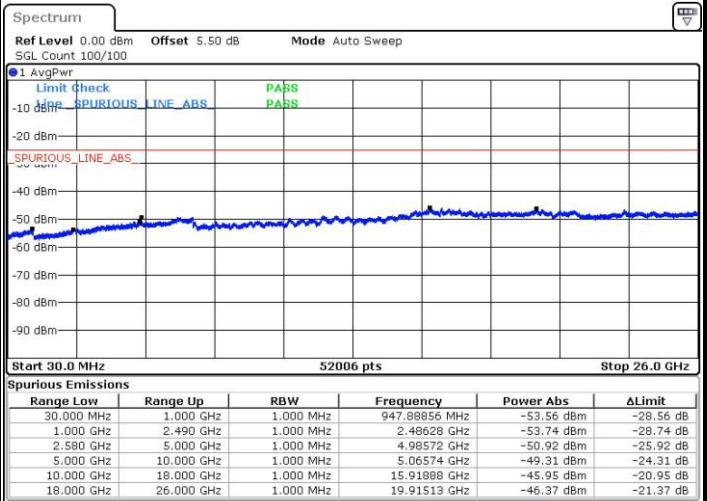
Date: 25.AUG.2016 11:18:38

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.AUG.2016 11:20:27

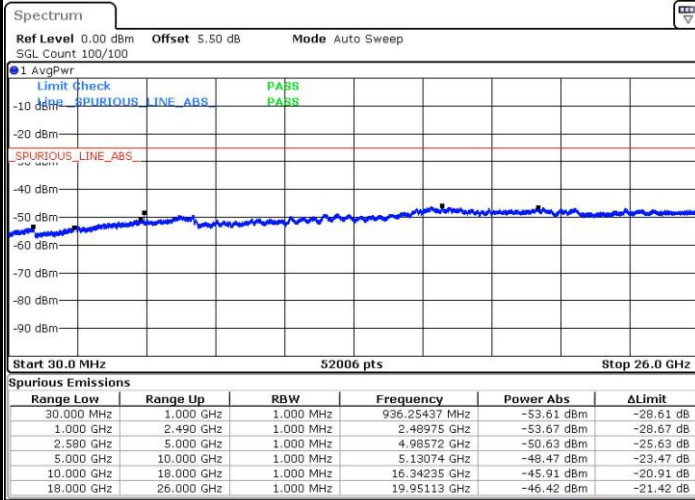


Date: 25.AUG.2016 11:19:33



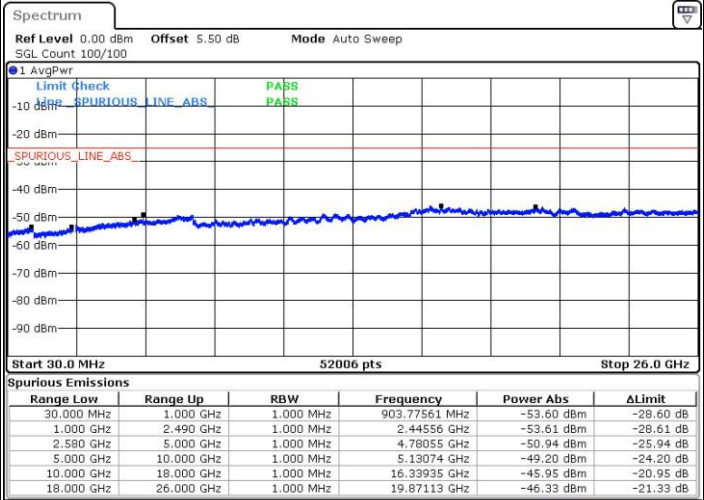
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25.AUG.2016 11:21:22

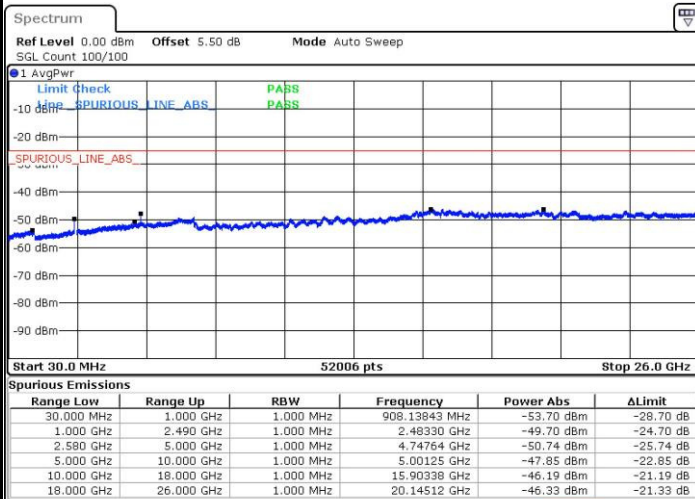
Highest Channel / 16QAM



Date: 25.AUG.2016 11:22:17

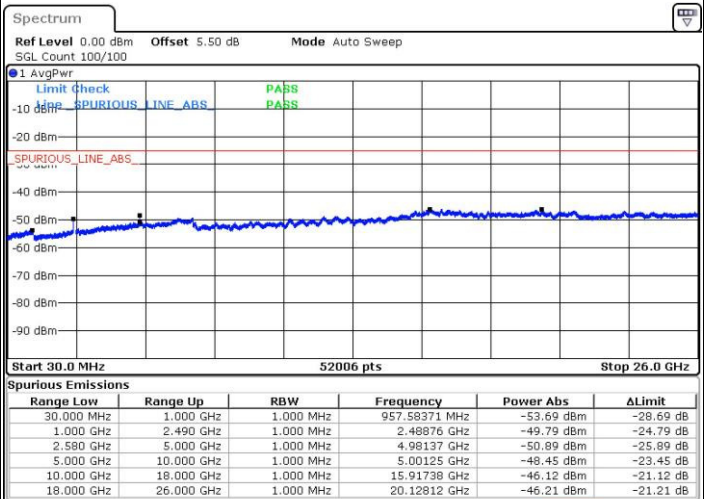
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25.AUG.2016 11:34:27

Lowest Channel / 16QAM



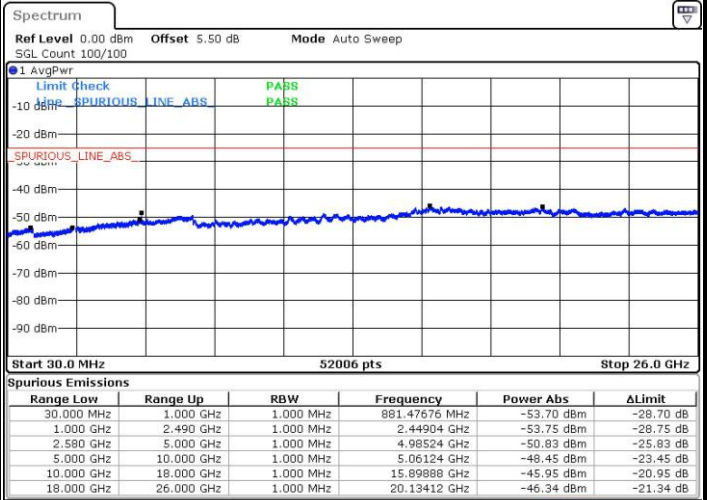
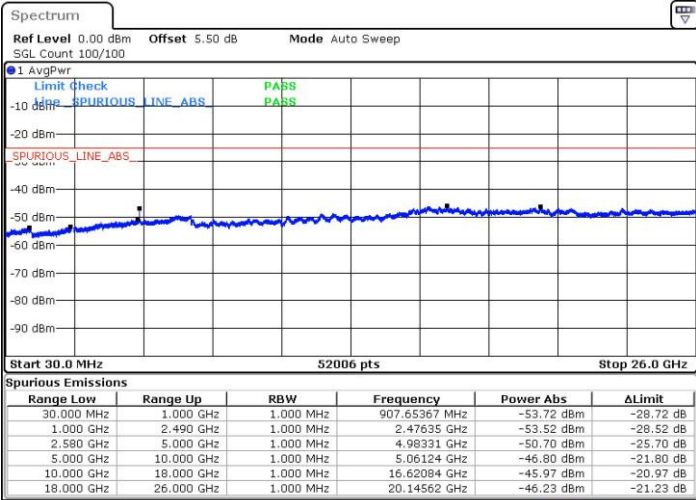
Date: 25.AUG.2016 11:35:22



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

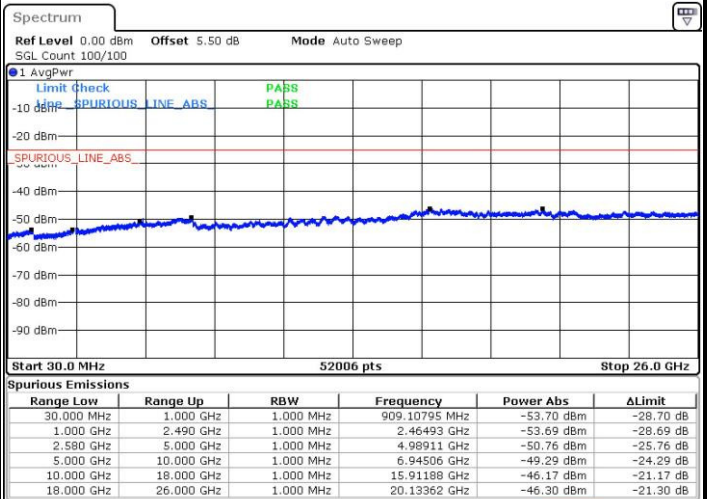
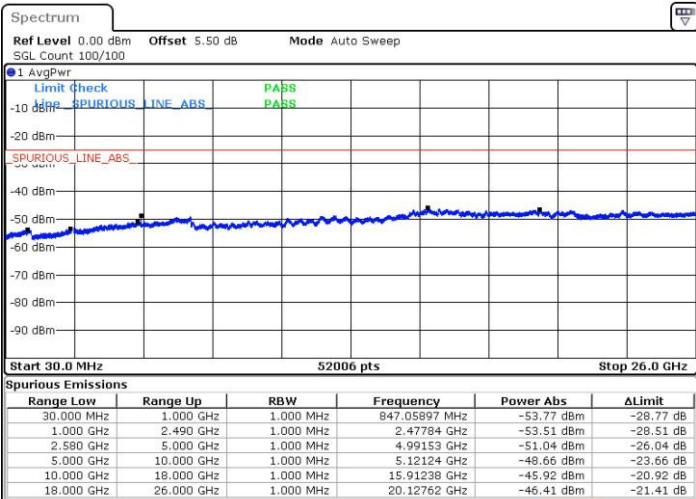


Date: 25.AUG.2016 11:37:11

Date: 25.AUG.2016 11:36:17

Highest Channel / QPSK

Highest Channel / 16QAM



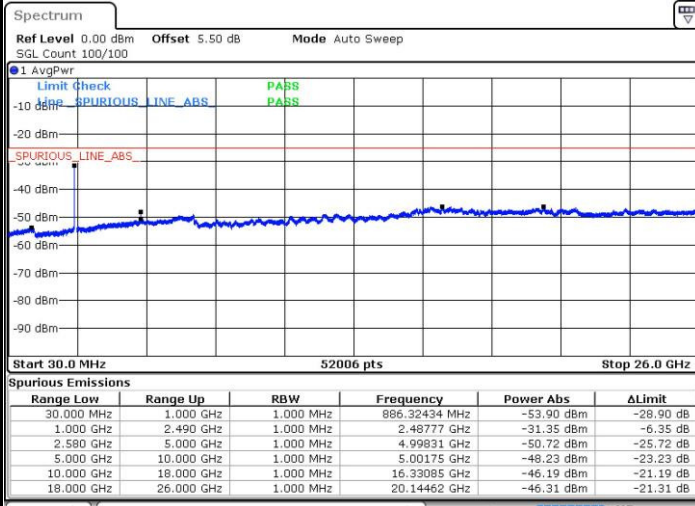
Date: 25.AUG.2016 11:38:06

Date: 25.AUG.2016 11:39:01



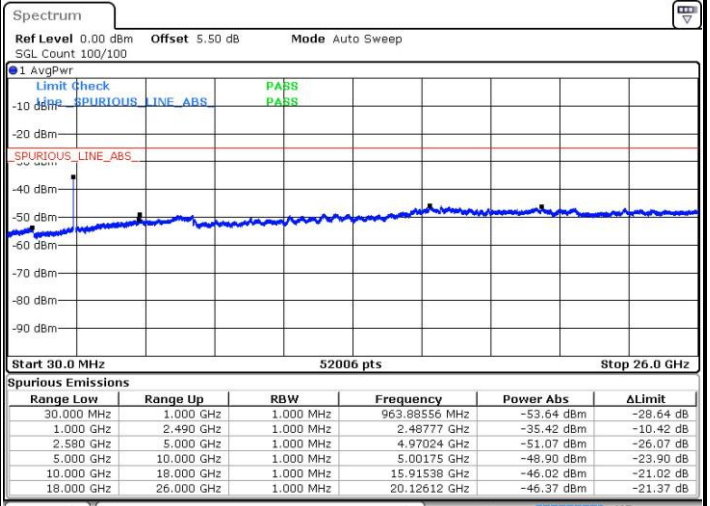
LTE Band 7 / 15MHz

Lowest Channel / QPSK



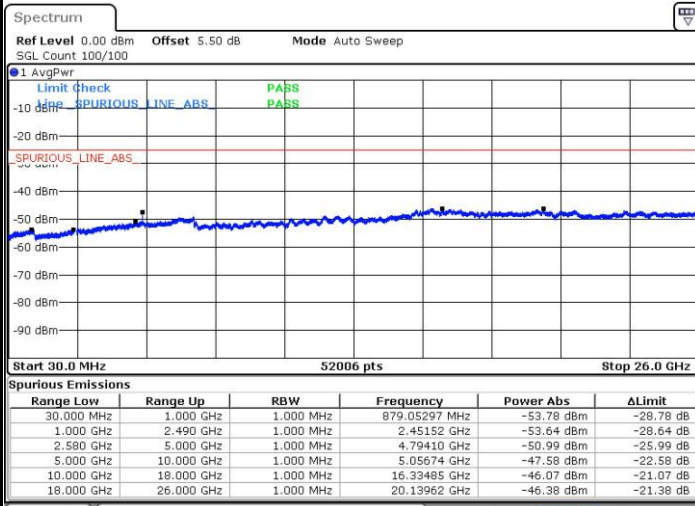
Date: 25.AUG.2016 11:51:11

Lowest Channel / 16QAM



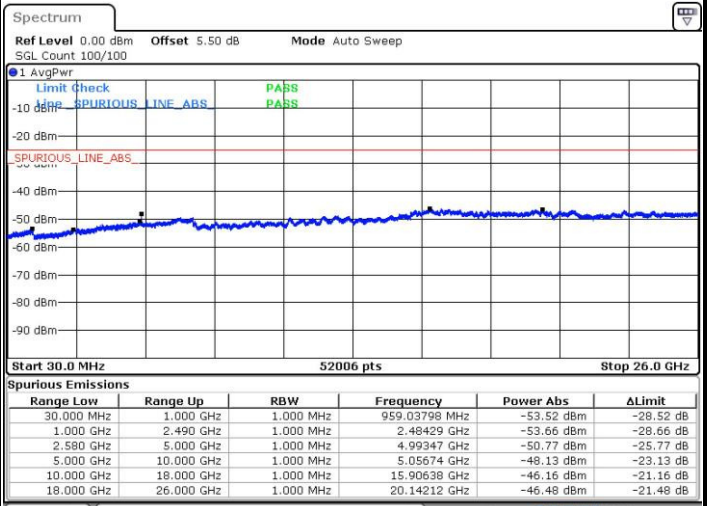
Date: 25.AUG.2016 11:52:06

Middle Channel / QPSK



Date: 25.AUG.2016 11:53:55

Middle Channel / 16QAM

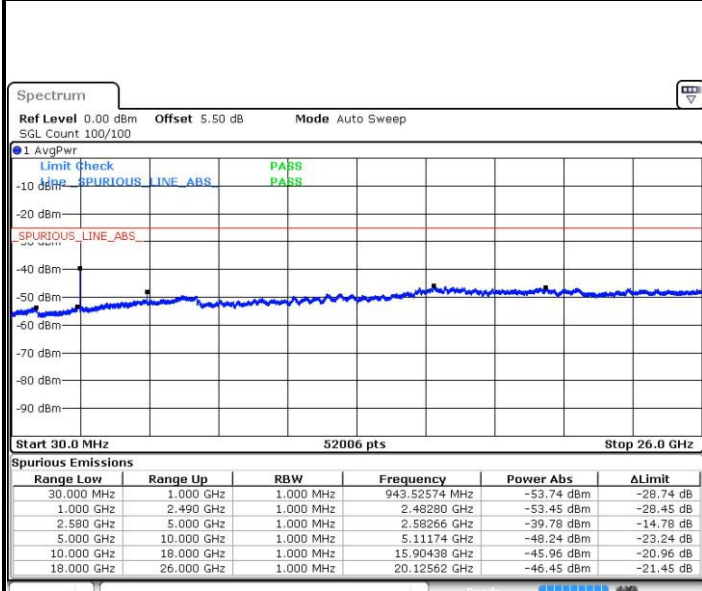


Date: 25.AUG.2016 11:53:01



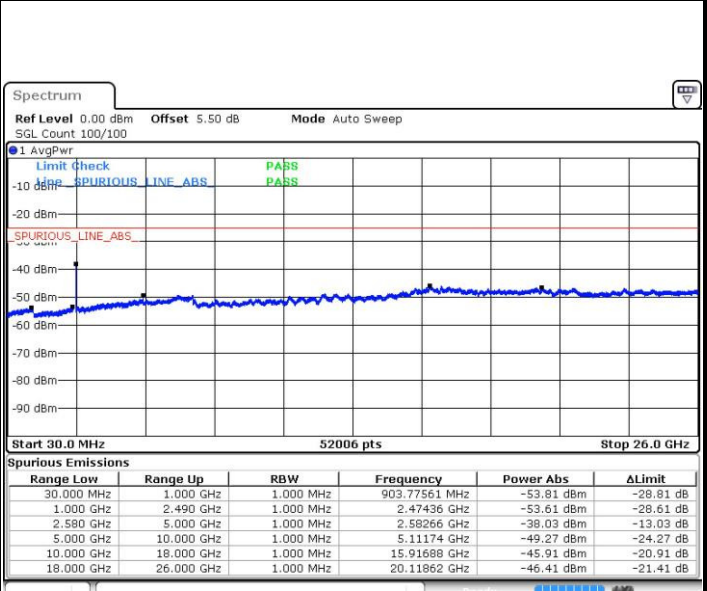
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 25.AUG.2016 11:54:50

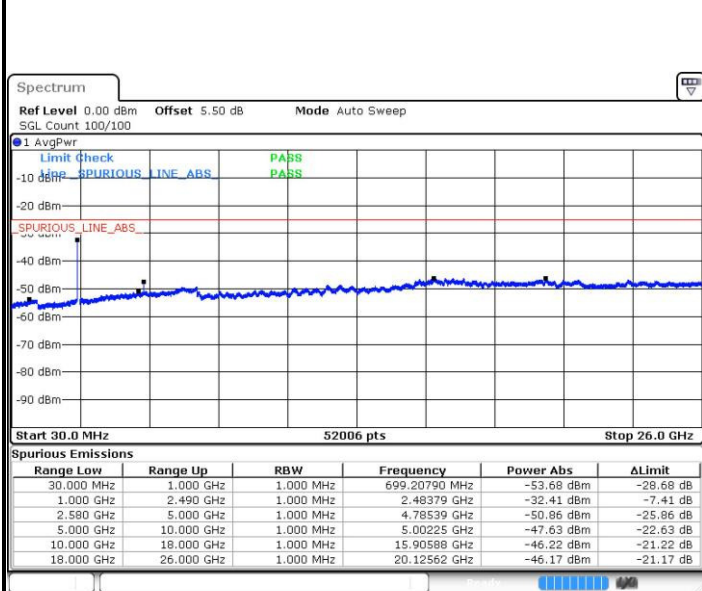
Highest Channel / 16QAM



Date: 25.AUG.2016 11:55:45

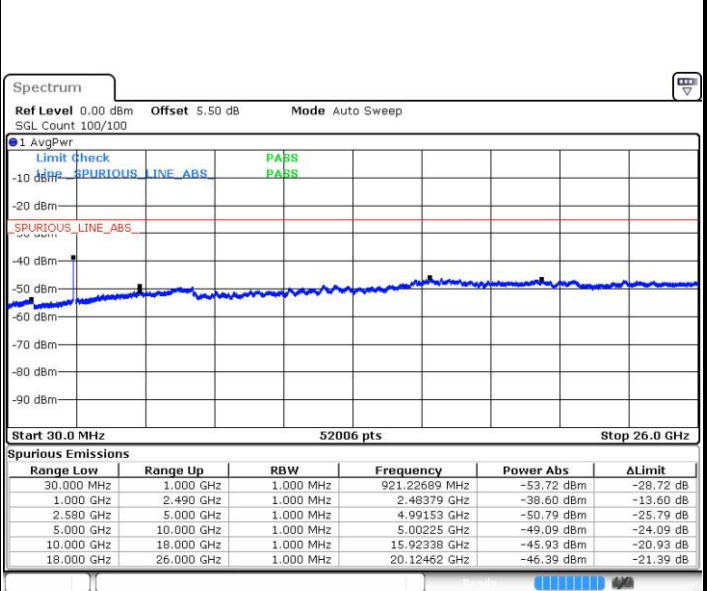
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 25.AUG.2016 12:07:55

Lowest Channel / 16QAM



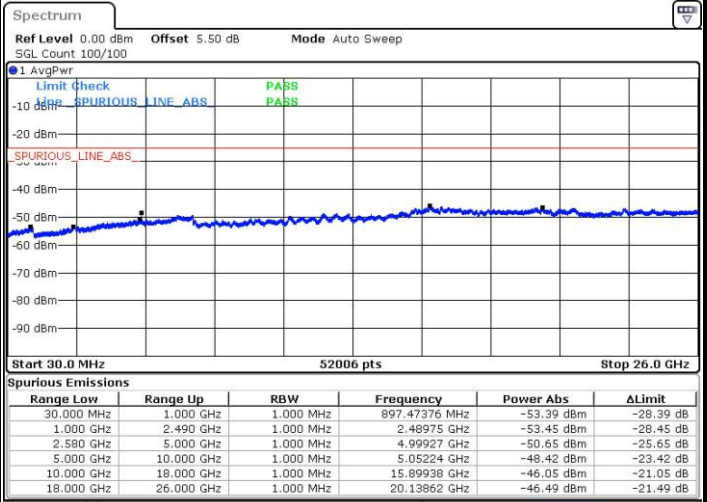
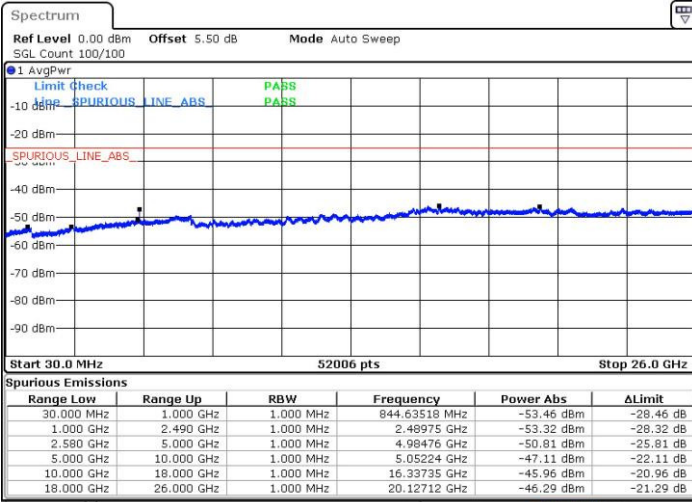
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LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

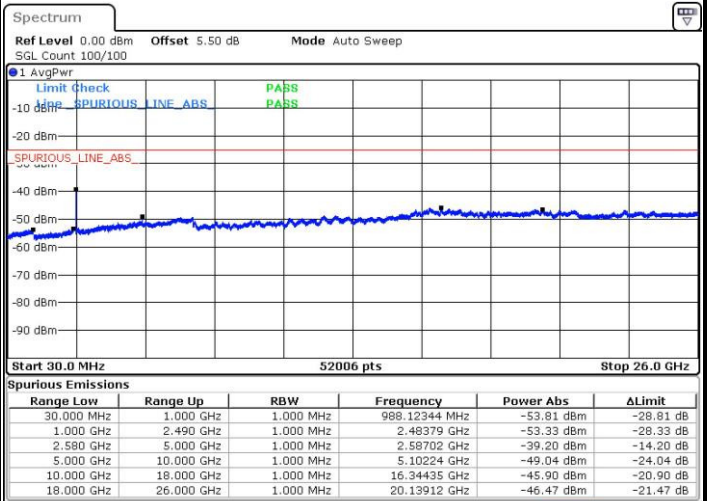
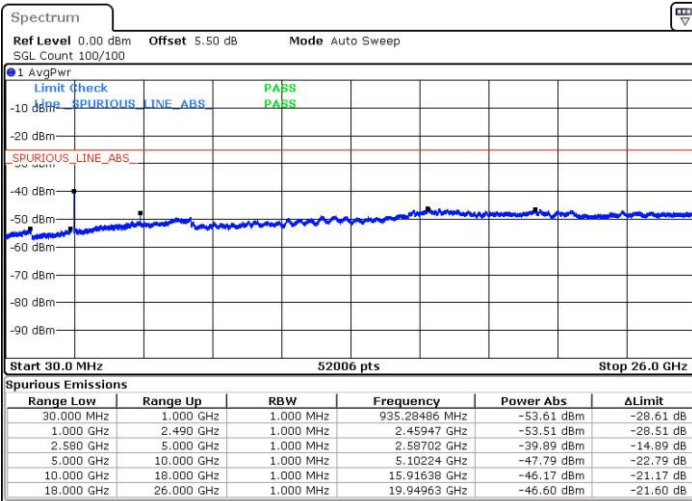


Date: 25.AUG.2016 12:10:39

Date: 25.AUG.2016 12:09:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.AUG.2016 12:11:34

Date: 25.AUG.2016 12:12:29



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0010	

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.08	0.1616	22.17	0.1648
Middle		1	3	22.86	0.1931	22.95	0.1972
Highest		3	3	24.33	0.2710	24.26	0.2665
Lowest	16QAM	3	1	20.98	0.1253	21.11	0.1290
Middle		3	1	22.26	0.1683	22.23	0.1673
Highest		3	1	23.40	0.2189	23.25	0.2112
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	21.70	0.1480	21.79	0.1509
Middle		1	8	22.89	0.1945	22.99	0.1990
Highest		1	14	24.36	0.2730	24.22	0.2644
Lowest	16QAM	1	8	20.14	0.1032	20.13	0.1031
Middle		1	8	21.67	0.1470	21.68	0.1472
Highest		1	0	23.01	0.1998	22.87	0.1938
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.22	0.1667	22.31	0.1703
Middle		1	24	22.98	0.1988	22.69	0.1857
Highest		1	12	24.30	0.2690	24.06	0.2548
Lowest	16QAM	1	24	20.39	0.1094	20.50	0.1122
Middle		1	24	21.28	0.1343	21.46	0.1400
Highest		1	0	22.79	0.1900	22.57	0.1806
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.78	0.1505	21.82	0.1520
Middle		1	25	22.97	0.1981	22.97	0.1980
Highest		1	25	24.02	0.2525	24.21	0.2637
Lowest	16QAM	1	25	20.59	0.1146	20.67	0.1166
Middle		1	25	21.95	0.1566	21.82	0.1520
Highest		1	25	22.51	0.1782	22.39	0.1734
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.85	0.1531	21.90	0.1549
Middle		1	74	23.35	0.2160	23.16	0.2072
Highest		1	37	24.18	0.2619	24.05	0.2542
Lowest	16QAM	1	0	20.18	0.1043	20.30	0.1073
Middle		1	74	21.66	0.1464	21.59	0.1443
Highest		1	74	22.63	0.1832	22.38	0.1729
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.93	0.1561	21.98	0.1578
Middle		1	49	23.00	0.1996	22.94	0.1969
Highest		1	49	23.90	0.2452	23.68	0.2333
Lowest	16QAM	1	49	19.92	0.0982	20.03	0.1006
Middle		1	99	21.75	0.1498	21.72	0.1485
Highest		1	49	22.05	0.1602	21.85	0.1532
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.12	0.1628	21.90	0.1549
Middle		3	0	22.34	0.1716	22.08	0.1615
Highest		3	1	21.44	0.1392	21.48	0.1405
Lowest	16QAM	1	5	21.13	0.1296	20.79	0.1200
Middle		3	3	21.32	0.1354	21.16	0.1307
Highest		3	3	20.44	0.1107	20.51	0.1125
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.07	0.1610	21.65	0.1463
Middle		1	8	22.02	0.1591	21.79	0.1512
Highest		1	0	21.33	0.1360	21.16	0.1305
Lowest	16QAM	1	0	20.35	0.1084	20.03	0.1007
Middle		1	0	20.91	0.1234	20.79	0.1199
Highest		1	14	20.03	0.1006	20.25	0.1060
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.92	0.1556	21.53	0.1421
Middle		1	12	22.24	0.1675	22.07	0.1610
Highest		1	24	21.39	0.1379	21.39	0.1379
Lowest	16QAM	1	0	20.48	0.1117	20.20	0.1047
Middle		1	0	20.97	0.1251	20.77	0.1194
Highest		1	24	20.23	0.1054	20.16	0.1038
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.88	0.1542	21.47	0.1403
Middle		1	25	20.60	0.1148	20.21	0.1050
Highest		1	49	22.15	0.1639	21.80	0.1515
Lowest	16QAM	1	0	20.97	0.1249	20.73	0.1183
Middle		1	0	21.10	0.1288	21.28	0.1344
Highest		1	0	20.05	0.1012	20.03	0.1007
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.99	0.1582	21.57	0.1435
Middle		1	0	22.40	0.1737	21.99	0.1580
Highest		1	0	21.70	0.1478	21.49	0.1408
Lowest	16QAM	1	0	20.72	0.1181	20.17	0.1040
Middle		1	0	21.06	0.1276	20.56	0.1137
Highest		1	37	20.34	0.1082	20.03	0.1006
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.41	0.1741	22.10	0.1621
Middle		1	49	22.32	0.1706	21.77	0.1505
Highest		1	49	21.55	0.1431	21.25	0.1332
Lowest	16QAM	1	0	20.92	0.1237	20.38	0.1092
Middle		1	0	21.15	0.1302	20.78	0.1196
Highest		1	0	20.65	0.1161	20.27	0.1064
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	17.45	0.0556	8.11	0.0065
Middle		3	1	17.68	0.0587	8.40	0.0069
Highest		3	1	18.23	0.0665	8.99	0.0079
Lowest	16QAM	1	3	16.95	0.0496	7.35	0.0054
Middle		3	3	17.54	0.0568	8.11	0.0065
Highest		3	3	18.06	0.0639	8.81	0.0076
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	16.80	0.0478	7.50	0.0056
Middle		1	14	16.31	0.0428	6.75	0.0047
Highest		1	0	17.65	0.0582	8.24	0.0067
Lowest	16QAM	1	14	17.20	0.0525	7.89	0.0062
Middle		1	14	18.05	0.0638	8.83	0.0076
Highest		1	14	17.54	0.0568	8.21	0.0066
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	17.12	0.0515	8.02	0.0063
Middle		1	12	17.59	0.0574	8.34	0.0068
Highest		1	12	18.02	0.0633	8.81	0.0076
Lowest	16QAM	1	12	16.48	0.0445	7.12	0.0052
Middle		1	12	17.34	0.0542	7.80	0.0060
Highest		1	0	17.26	0.0533	7.90	0.0062
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.41	0.0551	8.00	0.0063
Middle		1	25	17.36	0.0545	8.04	0.0064
Highest		1	25	17.90	0.0616	8.57	0.0072
Lowest	16QAM	1	25	17.00	0.0501	6.98	0.0050
Middle		1	25	16.97	0.0498	7.00	0.0050
Highest		1	25	17.08	0.0511	7.97	0.0063
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	23.77	0.2382	23.69	0.2341
Middle		1	12	24.40	0.2756	24.01	0.2520
Highest		1	24	23.21	0.2093	23.25	0.2113
Lowest	16QAM	1	24	22.43	0.1748	22.11	0.1624
Middle		1	0	22.78	0.1898	22.30	0.1698
Highest		1	0	21.83	0.1524	21.75	0.1496
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.51	0.2242	23.40	0.2190
Middle		1	49	24.28	0.2678	24.05	0.2540
Highest		1	25	23.20	0.2088	23.33	0.2153
Lowest	16QAM	1	49	22.35	0.1719	21.98	0.1576
Middle		1	0	22.76	0.1889	22.20	0.1658
Highest		1	0	21.89	0.1545	21.54	0.1426
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.58	0.2278	23.71	0.2352
Middle		1	37	24.06	0.2547	23.95	0.2484
Highest		1	37	23.48	0.2231	23.64	0.2313
Lowest	16QAM	1	0	21.75	0.1498	21.48	0.1405
Middle		1	37	22.74	0.1879	22.15	0.1641
Highest		1	0	21.99	0.1582	21.58	0.1437
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.42	0.2197	23.42	0.2199
Middle		1	49	23.94	0.2478	23.85	0.2428
Highest		1	49	23.38	0.2177	23.51	0.2246
Lowest	16QAM	1	0	21.67	0.1467	21.37	0.1370
Middle		1	49	22.22	0.1666	21.64	0.1459
Highest		1	0	22.32	0.1707	21.79	0.1511
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3759.1	-64.69	-13	-51.69	-73.70	-69.55	1.93	6.80	H
	5638.68	-57.69	-13	-44.69	-65.61	-64.99	2.40	9.70	H
	7518.2	-61.28	-13	-48.28	-71.65	-70.33	2.76	11.81	H
	3762	-64.13	-13	-51.13	-73.44	-69.00	1.93	6.80	V
	5638.65	-62.19	-13	-49.19	-70.14	-69.49	2.40	9.70	V
	7518.2	-58.20	-13	-45.20	-70.69	-67.25	2.76	11.81	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3756	-63.93	-13	-50.93	-72.94	-68.79	1.93	6.80	H
	5636.22	-58.35	-13	-45.35	-66.27	-65.65	2.40	9.70	H
	7514.96	-61.50	-13	-48.50	-71.87	-70.55	2.76	11.81	H
	3756	-64.16	-13	-51.16	-73.47	-69.03	1.93	6.80	V
	5636.22	-62.25	-13	-49.25	-70.2	-69.55	2.40	9.70	V
	7514.96	-59.80	-13	-46.80	-72.29	-68.85	2.76	11.81	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3755.68	-63.66	-13	-50.66	-72.67	-68.52	1.93	6.80	H
	5634	-58.88	-13	-45.88	-66.80	-66.18	2.40	9.70	H
	7511.36	-61.19	-13	-48.19	-71.56	-70.24	2.76	11.81	H
	3756	-65.09	-13	-52.09	-74.4	-69.96	1.93	6.80	V
	5633.52	-63.22	-13	-50.22	-71.17	-70.52	2.40	9.70	V
	7512	-59.80	-13	-46.80	-72.29	-68.85	2.76	11.81	V

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

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3750	-62.78	-13	-49.78	-71.79	-67.64	1.93	6.80	H
	5626.77	-57.83	-13	-44.83	-65.75	-65.13	2.40	9.70	H
	7502.36	-61.39	-13	-48.39	-71.76	-70.44	2.76	11.81	H
	3750	-63.75	-13	-50.75	-73.06	-68.62	1.93	6.80	V
	5626.77	-62.80	-13	-49.80	-70.75	-70.10	2.40	9.70	V
	7502.36	-59.43	-13	-46.43	-71.92	-68.48	2.76	11.81	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3746.68	-62.46	-13	-49.46	-71.47	-67.32	1.93	6.80	H
	5620.02	-58.64	-13	-45.64	-66.56	-65.94	2.40	9.70	H
	7493.36	-60.86	-13	-47.86	-71.23	-69.91	2.76	11.81	H
	3746.68	-64.12	-13	-51.12	-73.43	-68.99	1.93	6.80	V
	5620.02	-61.85	-13	-48.85	-69.8	-69.15	2.40	9.70	V
	7493.36	-59.66	-13	-46.66	-72.15	-68.71	2.76	11.81	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3744	-62.84	-13	-49.84	-71.85	-67.70	1.93	6.80	H
	5613.27	-61.83	-13	-48.83	-69.75	-69.13	2.40	9.70	H
	7484.36	-61.52	-13	-48.52	-71.89	-70.57	2.76	11.81	H
	3744	-63.93	-13	-50.93	-73.24	-68.80	1.93	6.80	V
	5613.27	-63.01	-13	-50.01	-70.96	-70.31	2.40	9.70	V
	7484.36	-59.01	-13	-46.01	-71.5	-68.06	2.76	11.81	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3462	-61.72	-13	-48.72	-68.51	-66.61	1.81	6.70	H
	5196	-55.53	-13	-42.53	-68.21	-62.43	2.23	9.13	H
	6930	-60.13	-13	-47.13	-75.31	-68.19	2.60	10.66	H
	8658	-55.12	-13	-42.12	-74.45	-65.02	2.96	12.86	H
	3462	-61.96	-13	-48.96	-67.16	-66.85	1.81	6.70	V
	5196	-50.01	-13	-37.01	-63.56	-56.91	2.23	9.13	V
	6927.84	-60.37	-13	-47.37	-75.42	-68.43	2.6	10.66	V
	8658	-54.14	-13	-41.14	-72.24	-64.04	2.96	12.86	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3462	-60.40	-13	-47.40	-67.19	-65.29	1.81	6.70	H
	5196	-55.59	-13	-42.59	-68.27	-62.49	2.23	9.13	H
	6924	-60.42	-13	-47.42	-75.60	-68.48	2.60	10.66	H
	3462	-61.78	-13	-48.78	-66.98	-66.67	1.81	6.70	V
	5196	-51.69	-13	-38.69	-65.24	-58.59	2.23	9.13	V
	6924	-60.81	-13	-47.81	-75.86	-68.87	2.6	10.66	V

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



LTE Band 4 / 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)
Middle	3462	-60.39	-13	-47.39	-67.18	-65.28	1.81	6.70	H
	5190	-55.12	-13	-42.12	-67.80	-62.02	2.23	9.13	H
	6921.36	-60.13	-13	-47.13	-75.31	-68.19	2.60	10.66	H
	8652	-55.06	-13	-42.06	-74.39	-64.96	2.96	12.86	H
	3462	-62.41	-13	-49.41	-67.61	-67.30	1.81	6.70	V
	5190	-49.05	-13	-36.05	-62.6	-55.95	2.23	9.13	V
	6924	-60.87	-13	-47.87	-75.92	-68.93	2.6	10.66	V
	8652	-54.33	-13	-41.33	-72.43	-64.23	2.96	12.86	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3456	-62.08	-13	-49.08	-68.87	-66.97	1.81	6.70	H
	5184	-54.08	-13	-41.08	-66.76	-60.98	2.23	9.13	H
	6912	-60.55	-13	-47.55	-75.73	-68.61	2.60	10.66	H
	3456	-60.21	-13	-47.21	-65.41	-65.10	1.81	6.70	V
	5184	-48.61	-13	-35.61	-62.16	-55.51	2.23	9.13	V
	6912	-60.35	-13	-47.35	-75.4	-68.41	2.6	10.66	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3450	-62.09	-13	-49.09	-68.88	-66.98	1.81	6.70	H
	5178	-54.42	-13	-41.42	-67.10	-61.32	2.23	9.13	H
	6906	-60.59	-13	-47.59	-75.77	-68.65	2.60	10.66	H
	3450	-61.15	-13	-48.15	-66.35	-66.04	1.81	6.70	V
	5178	-48.33	-13	-35.33	-61.88	-55.23	2.23	9.13	V
	6906	-60.77	-13	-47.77	-75.82	-68.83	2.6	10.66	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	3444	-58.97	-13	-45.97	-65.76	-63.86	1.81	6.70	H
	5172	-56.72	-13	-43.72	-69.40	-63.62	2.23	9.13	H
	6894	-60.69	-13	-47.69	-75.87	-68.75	2.60	10.66	H
	3444	-61.10	-13	-48.10	-66.3	-65.99	1.81	6.70	V
	5172	-48.88	-13	-35.88	-62.43	-55.78	2.23	9.13	V
	6894.36	-61.06	-13	-48.06	-76.11	-69.12	2.6	10.66	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1672.1	-68.70	-13	-55.70	-66.90	-70.52	1.23	5.20	H
	2508.15	-67.78	-13	-54.78	-72.63	-70.01	1.52	5.90	H
	3344	-67.55	-13	-54.55	-75.11	-70.33	1.77	6.70	H
	1672	-63.38	-13	-50.38	-61.33	-65.20	1.23	5.20	V
	2508.15	-64.22	-13	-51.22	-72.52	-66.45	1.52	5.90	V
	3344.2	-64.35	-13	-51.35	-75.45	-67.13	1.77	6.70	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
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	1672	-66.48	-13	-53.48	-64.68	-68.30	1.23	5.20	H
	2505.72	-67.91	-13	-54.91	-72.76	-70.14	1.52	5.90	H
	3340.96	-67.49	-13	-54.49	-75.05	-70.27	1.77	6.70	H
	1672	-62.46	-13	-49.46	-60.41	-64.28	1.23	5.20	V
	2505.72	-65.13	-13	-52.13	-73.43	-67.36	1.52	5.90	V
	3340.96	-64.21	-13	-51.21	-75.31	-66.99	1.77	6.70	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1672	-67.89	-13	-54.89	-66.09	-69.71	1.23	5.20	H
	2503.02	-66.53	-13	-53.53	-71.38	-68.76	1.52	5.90	H
	3337.36	-67.05	-13	-54.05	-74.61	-69.83	1.77	6.70	H
	1668.68	-66.18	-13	-53.18	-64.13	-68.00	1.23	5.20	V
	2504	-62.24	-13	-49.24	-70.54	-64.47	1.52	5.90	V
	3337.36	-63.50	-13	-50.50	-74.60	-66.28	1.77	6.70	V

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

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1664.18	-67.78	-13	-54.78	-65.98	-69.60	1.23	5.20	H
	2496.27	-66.48	-13	-53.48	-71.33	-68.71	1.52	5.90	H
	3328	-67.13	-13	-54.13	-74.69	-69.91	1.77	6.70	H
	1664	-66.26	-13	-53.26	-64.21	-68.08	1.23	5.20	V
	2496.27	-63.05	-13	-50.05	-71.35	-65.28	1.52	5.90	V
	3328.36	-63.86	-13	-50.86	-74.96	-66.64	1.77	6.70	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	5064	-54.88	-25	-29.88	-64.10	-61.44	2.41	8.97	H
	7596	-45.79	-25	-20.79	-60.37	-54.79	2.86	11.86	H
	10134	-52.41	-25	-27.41	-67.98	-61.31	3.21	12.11	H
	5064	-51.43	-25	-26.43	-60.14	-57.99	2.41	8.97	V
	7596	-50.28	-25	-25.28	-62.59	-59.28	2.86	11.86	V
	10134	-50.31	-25	-25.31	-68.1	-59.21	3.21	12.11	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	5061.18	-56.43	-25	-31.43	-65.65	-62.99	2.41	8.97	H
	7590	-49.13	-25	-24.13	-61.32	-58.13	2.86	11.86	H
	10125	-52.40	-25	-27.40	-67.97	-61.30	3.21	12.11	H
	5064	-52.51	-25	-27.51	-61.22	-59.07	2.41	8.97	V
	7590	-46.31	-25	-21.31	-60.83	-55.31	2.86	11.86	V
	10125	-50.51	-25	-25.51	-68.3	-59.41	3.21	12.11	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	5056.68	-55.85	-25	-30.85	-65.07	-62.41	2.41	8.97	H
	7584	-43.13	-25	-18.13	-59.23	-52.13	2.86	11.86	H
	10116	-51.37	-25	-26.37	-66.94	-60.27	3.21	12.11	H
	5058	-50.09	-25	-25.09	-59.21	-56.65	2.41	8.97	V
	7584	-52.00	-25	-27.00	-64.31	-61.00	2.86	11.86	V
	10116	-50.27	-25	-25.27	-68.06	-59.17	3.21	12.11	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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)
Middle	5052.18	-55.79	-25	-30.79	-65.01	-62.35	2.41	8.97	H
	7578	-43.44	-25	-18.44	-59.50	-52.44	2.86	11.86	H
	10107	-52.96	-25	-27.96	-68.53	-61.86	3.21	12.11	H
	5052	-51.46	-25	-26.46	-60.17	-58.02	2.41	8.97	V
	7578	-50.54	-25	-25.54	-64	-59.54	2.86	11.86	V
	10107	-51.21	-25	-26.21	-69	-60.11	3.21	12.11	V

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