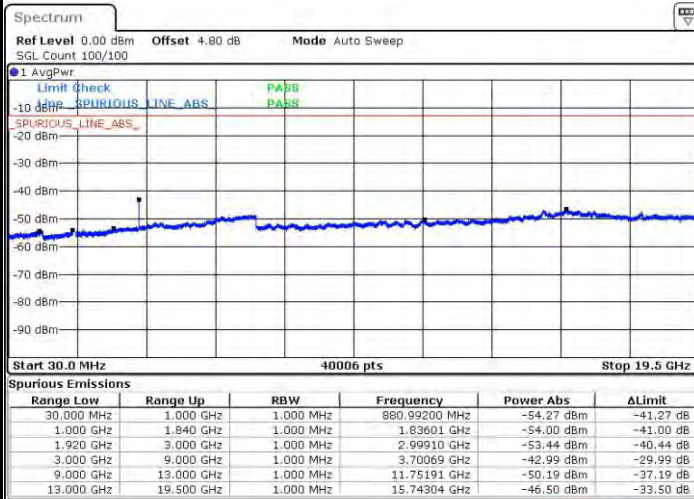
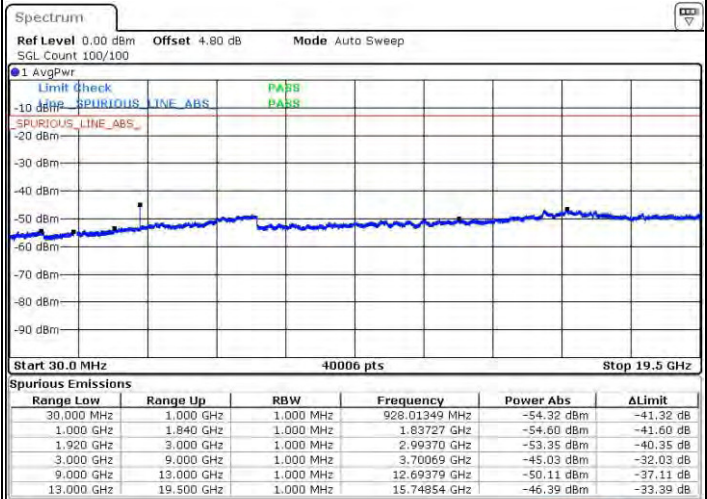
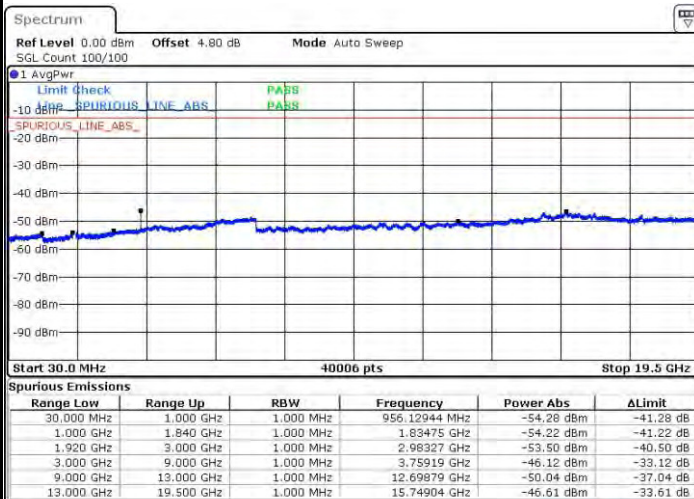


**Conducted Spurious Emission****LTE Band 2 / 1.4MHz****Lowest Channel / QPSK**

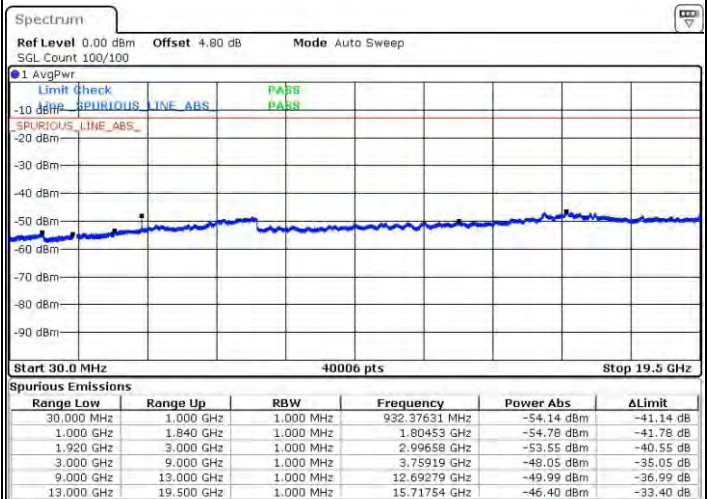
Date: 25 DEC 2015 01:42:41

Lowest Channel / 16QAM

Date: 25 DEC 2015 01:43:37

Middle Channel / QPSK

Date: 25 DEC 2015 01:45:14

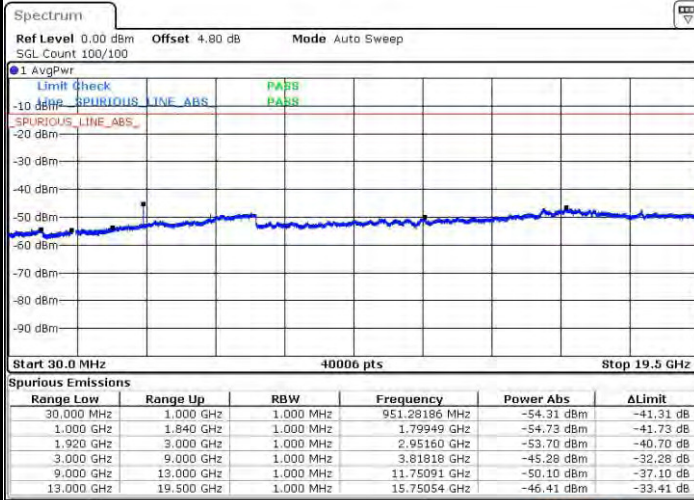
Middle Channel / 16QAM

Date: 25 DEC 2015 01:46:10



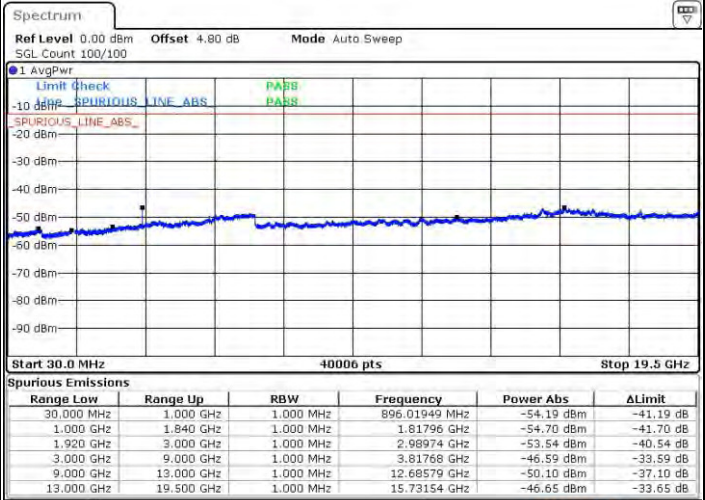
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 25 DEC 2015 01:52:19

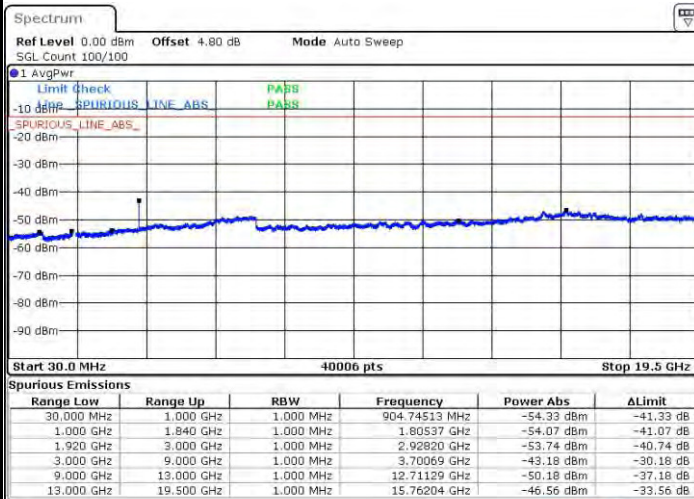
Highest Channel / 16QAM



Date: 25 DEC 2015 01:53:14

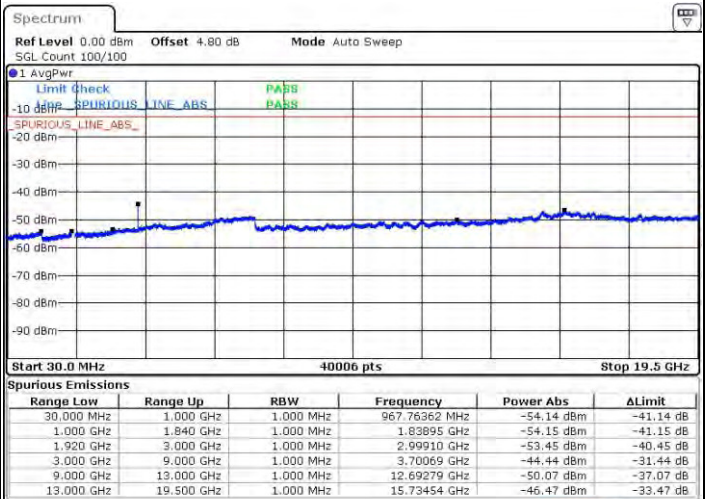
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 25 DEC 2015 01:59:24

Lowest Channel / 16QAM

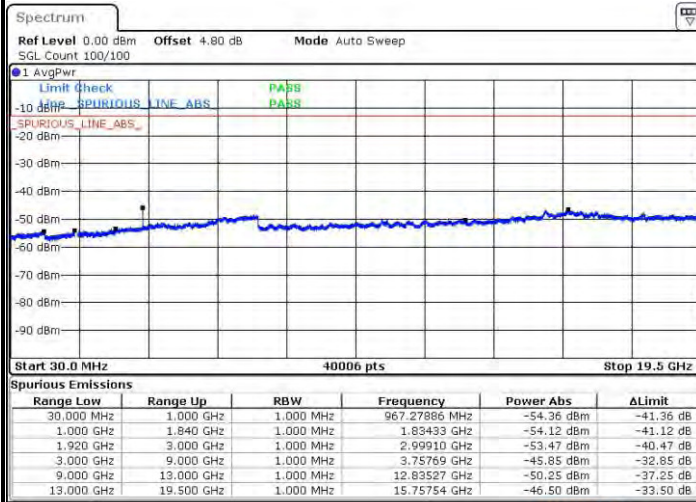


Date: 25 DEC 2015 02:00:19



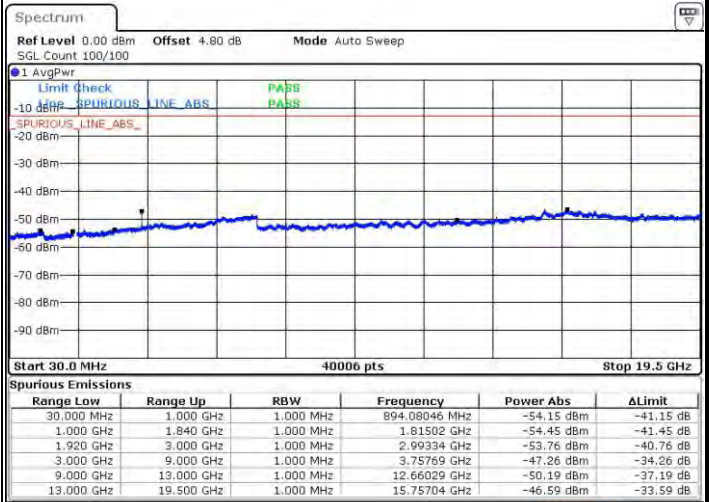
LTE Band 2 / 3MHz

Middle Channel / QPSK



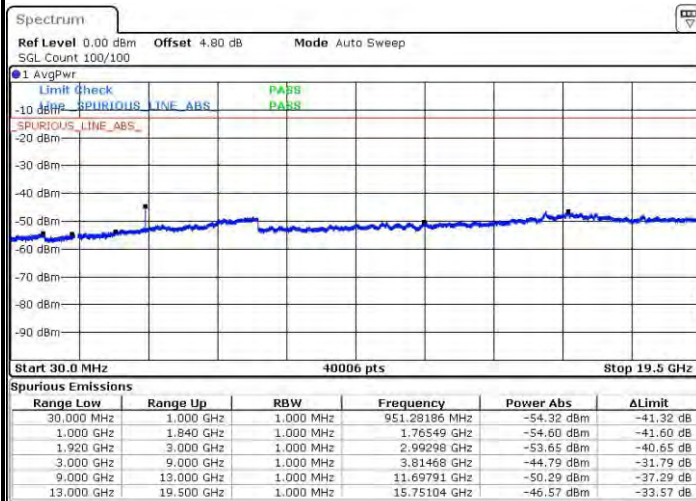
Date: 25 DEC 2015 02:01:57

Middle Channel / 16QAM



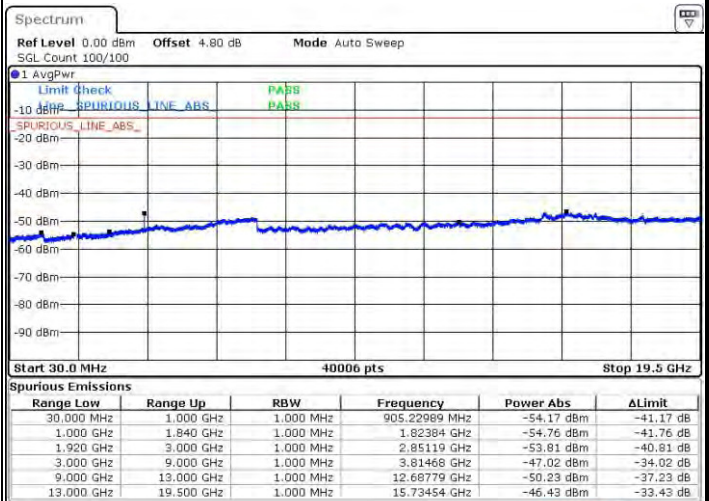
Date: 25 DEC 2015 02:02:52

Highest Channel / QPSK



Date: 25 DEC 2015 02:09:02

Highest Channel / 16QAM

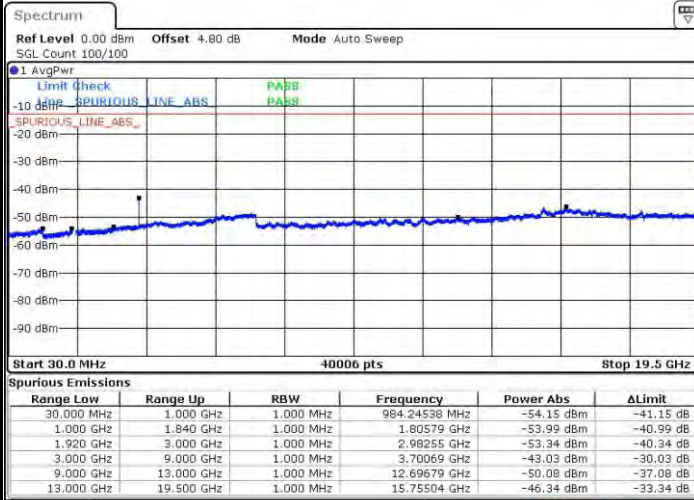


Date: 25 DEC 2015 02:09:57



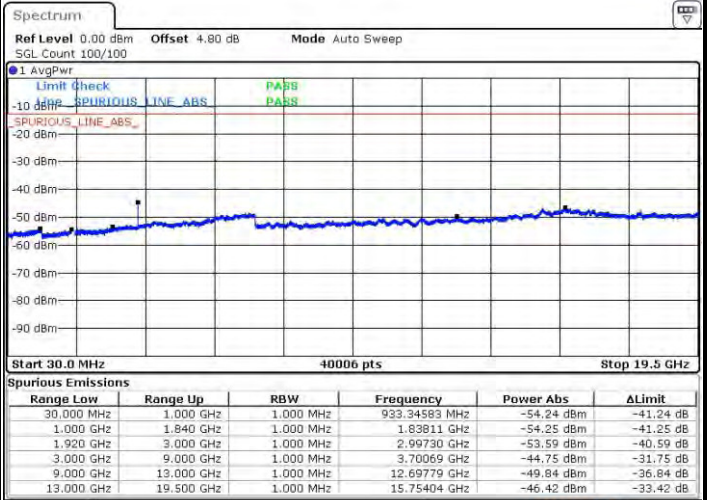
LTE Band 2 / 5MHz

Lowest Channel / QPSK



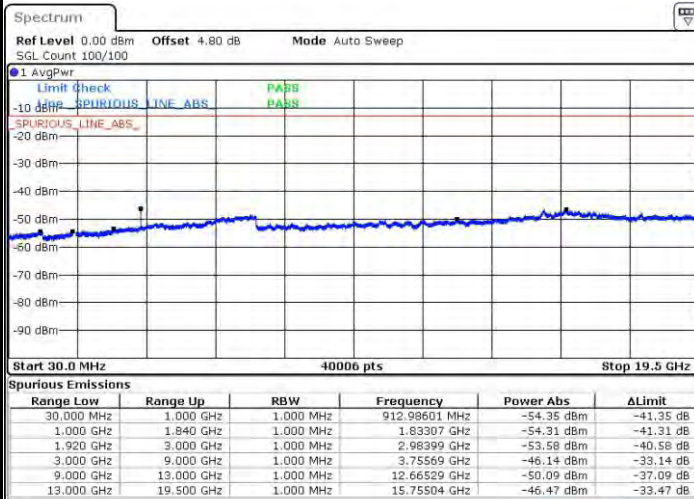
Date: 25 DEC 2015 02:16:06

Lowest Channel / 16QAM



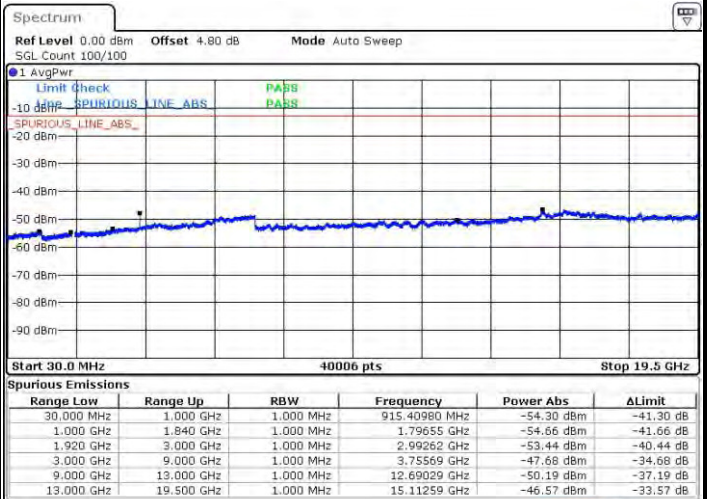
Date: 25 DEC 2015 02:17:02

Middle Channel / QPSK



Date: 25 DEC 2015 02:18:39

Middle Channel / 16QAM

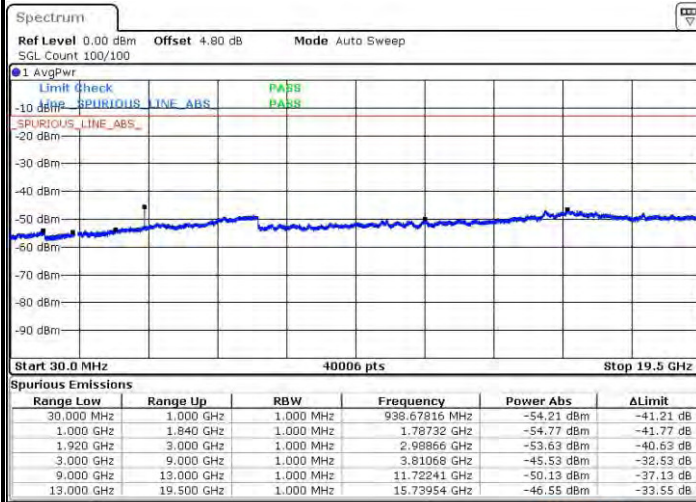


Date: 25 DEC 2015 02:19:34



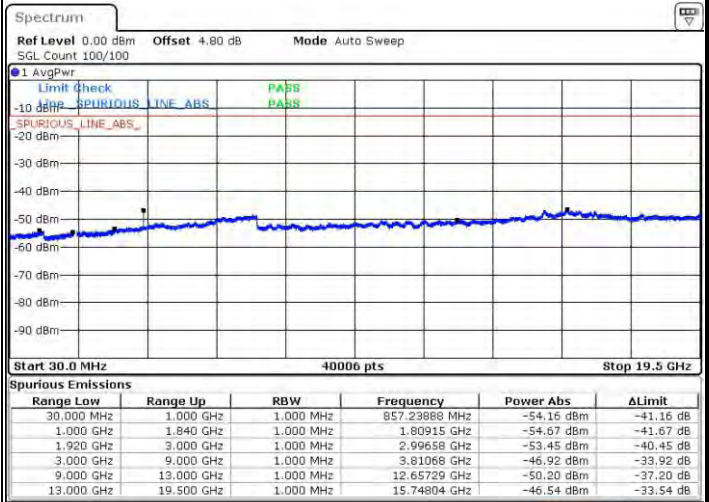
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 25 DEC 2015 02:25:44

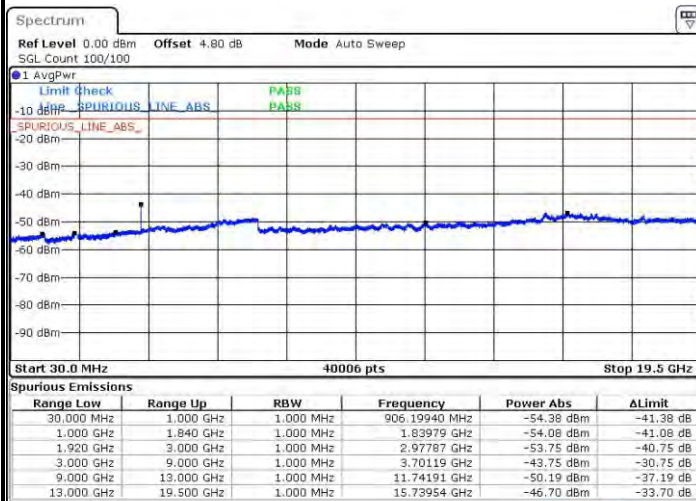
Highest Channel / 16QAM



Date: 25 DEC 2015 02:26:39

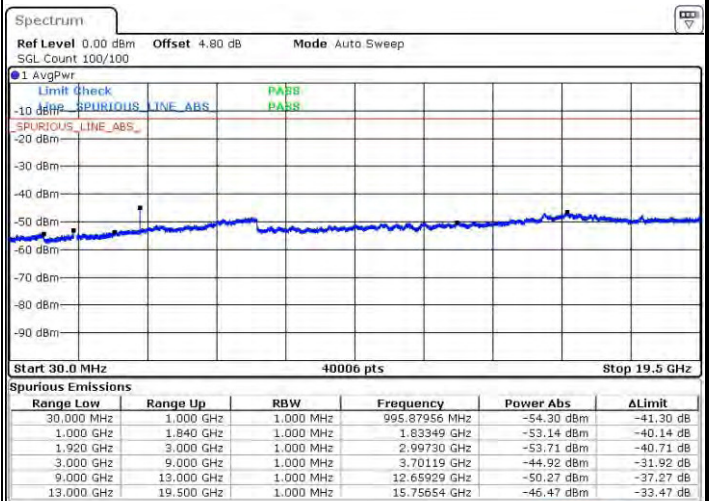
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 25 DEC 2015 02:32:48

Lowest Channel / 16QAM

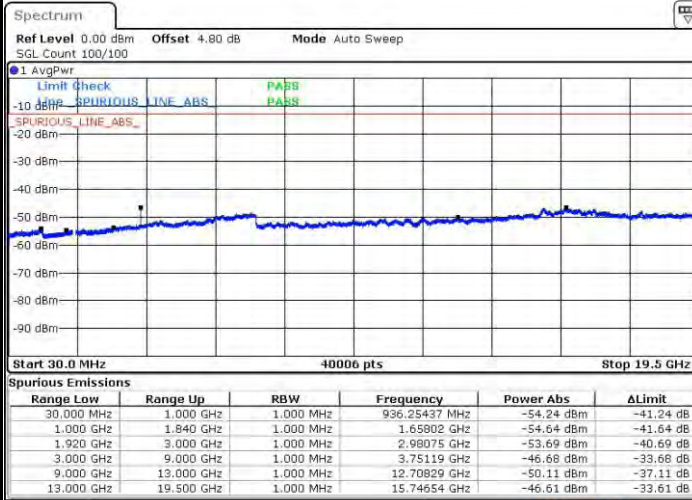


Date: 25 DEC 2015 02:33:44



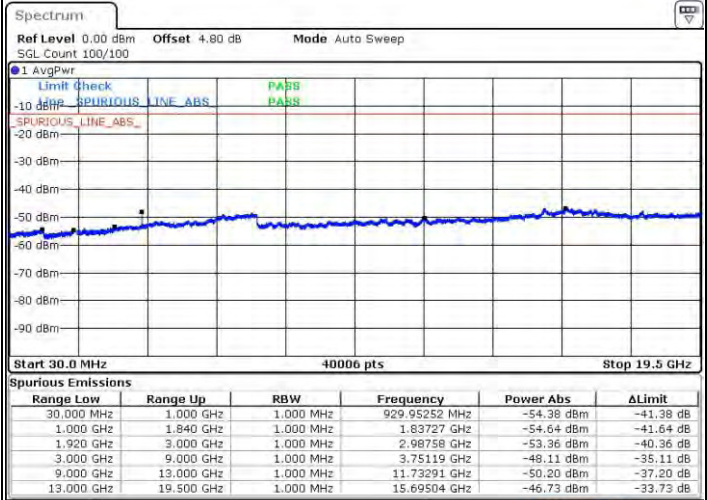
LTE Band 2 / 10MHz

Middle Channel / QPSK



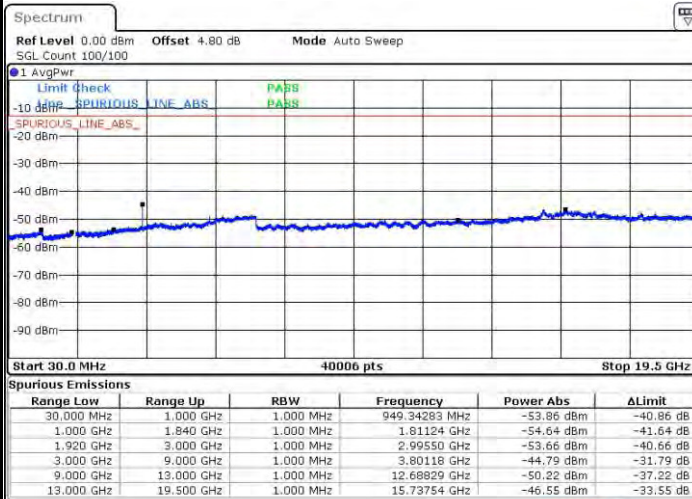
Date: 25 DEC 2015 02:35:21

Middle Channel / 16QAM



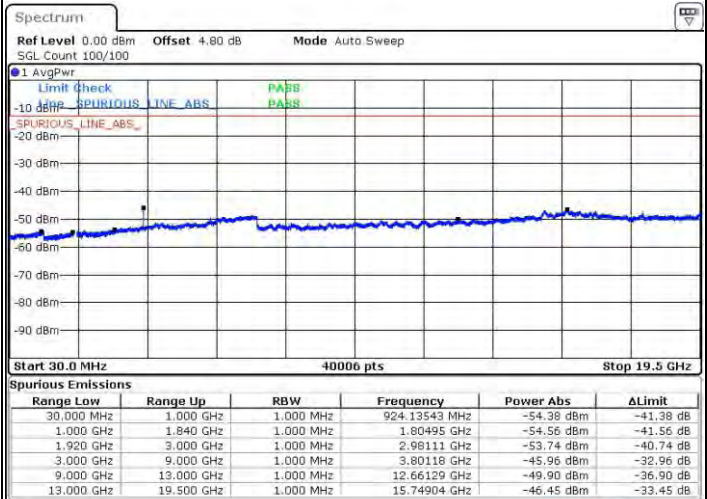
Date: 25 DEC 2015 02:36:17

Highest Channel / QPSK



Date: 25 DEC 2015 02:42:26

Highest Channel / 16QAM

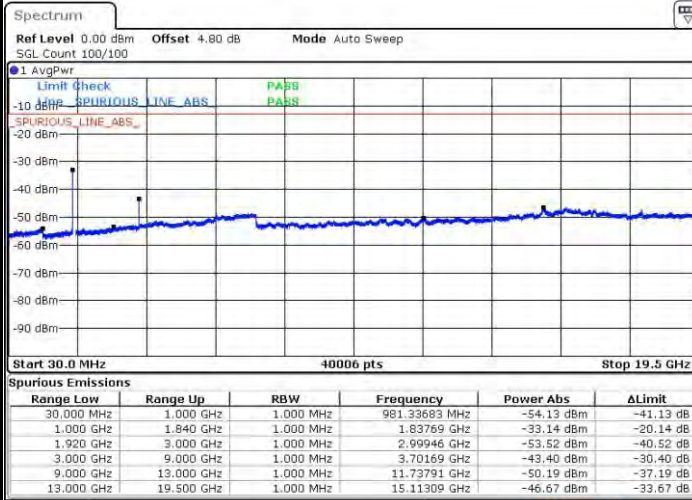


Date: 25 DEC 2015 02:43:21



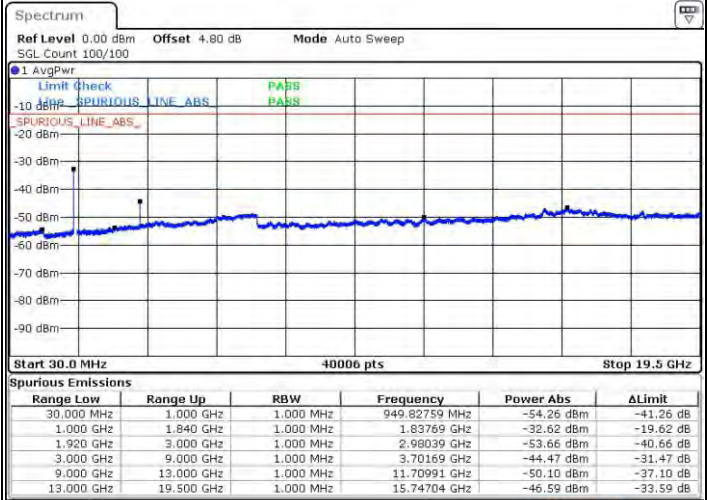
LTE Band 2 / 15MHz

Lowest Channel / QPSK



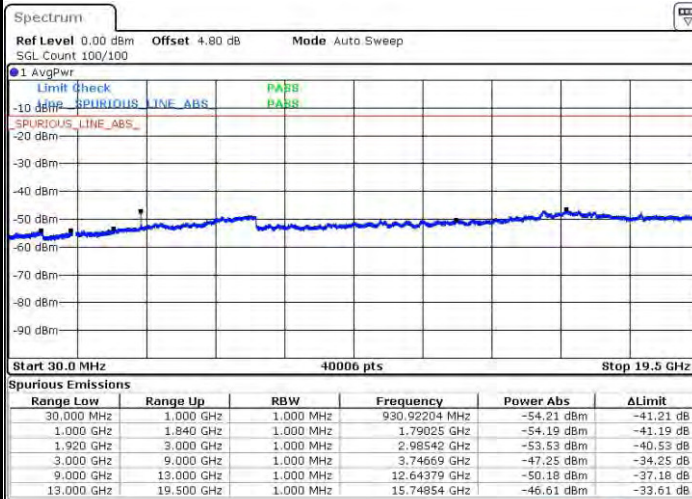
Date: 25 DEC 2015 02:49:31

Lowest Channel / 16QAM



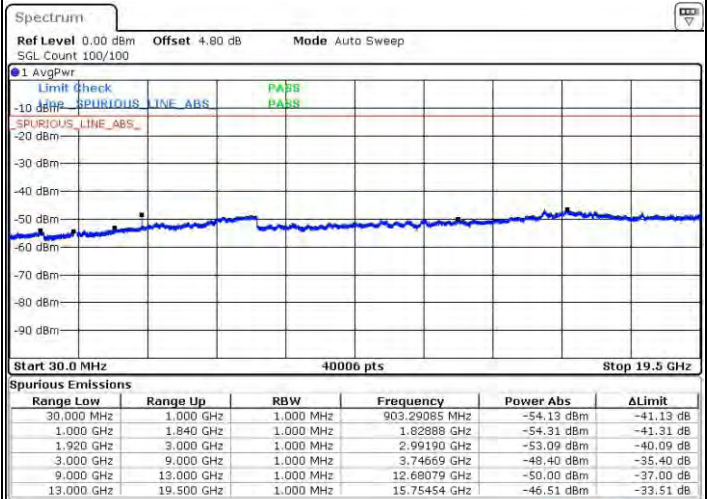
Date: 25 DEC 2015 02:50:26

Middle Channel / QPSK



Date: 25 DEC 2015 02:52:03

Middle Channel / 16QAM

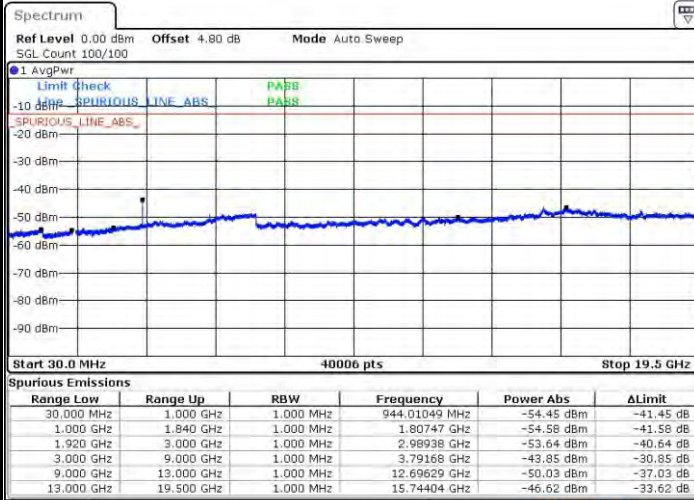


Date: 25 DEC 2015 02:52:59



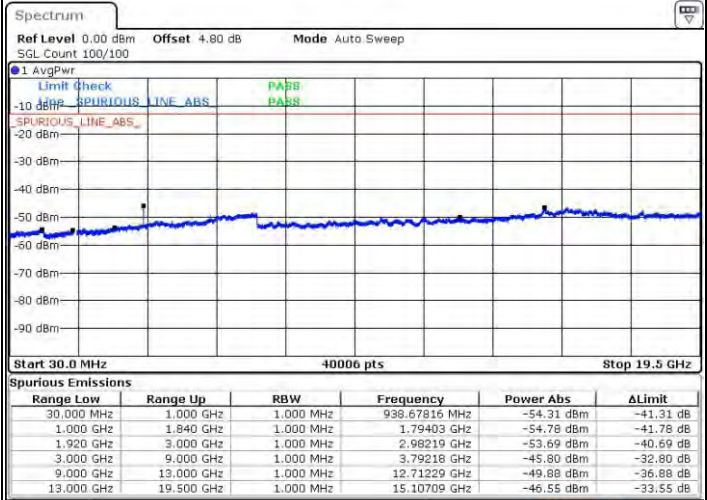
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 25 DEC 2015 02:59:08

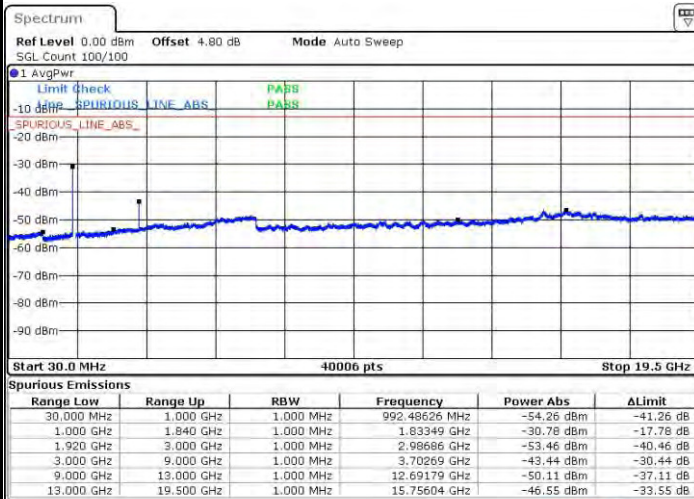
Highest Channel / 16QAM



Date: 25 DEC 2015 03:00:03

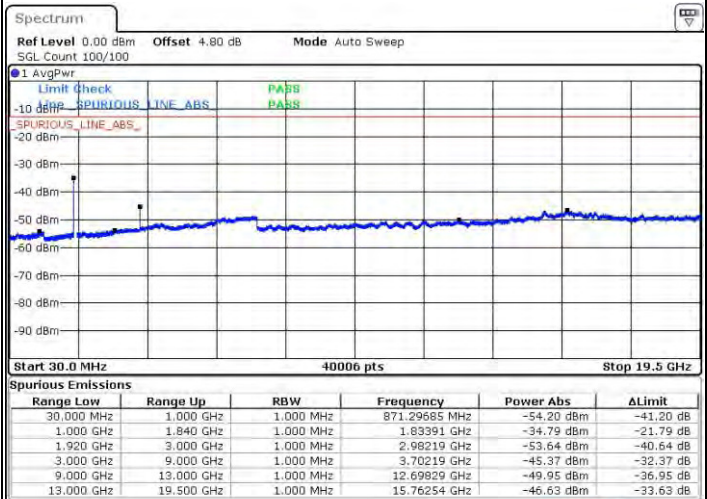
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 25 DEC 2015 03:06:13

Lowest Channel / 16QAM

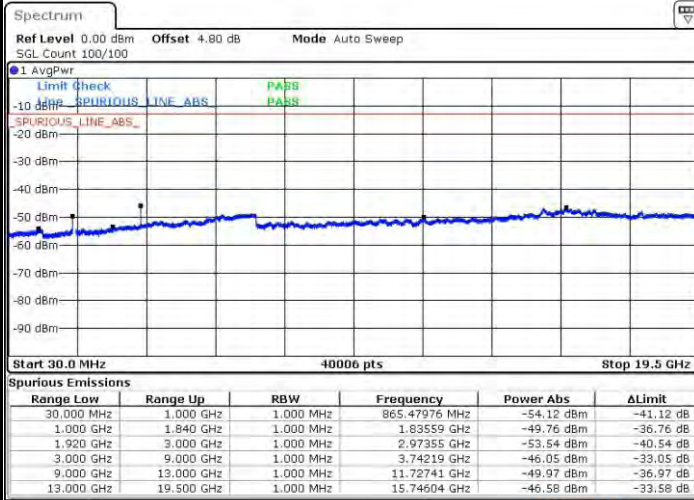


Date: 25 DEC 2015 03:07:08



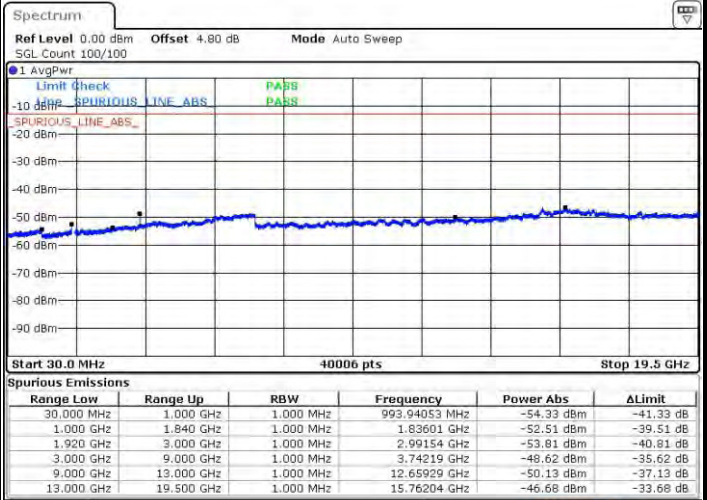
LTE Band 2 / 20MHz

Middle Channel / QPSK



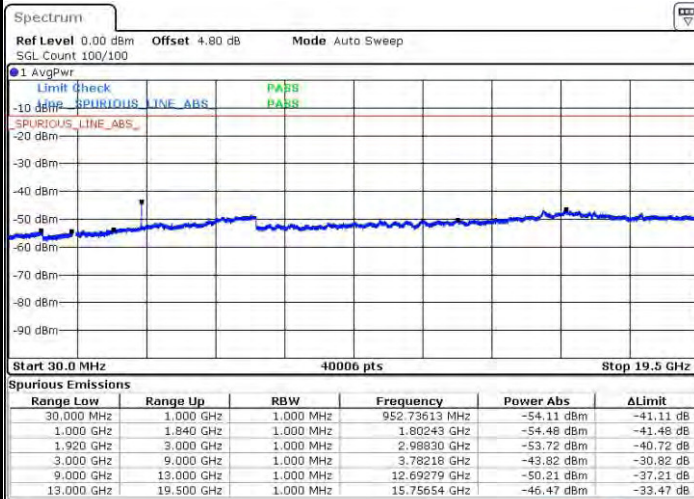
Date: 25 DEC 2015 03:08:45

Middle Channel / 16QAM



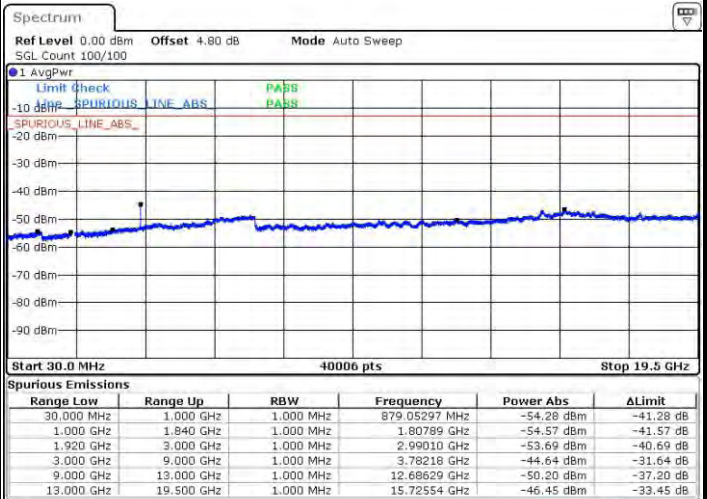
Date: 25 DEC 2015 03:09:41

Highest Channel / QPSK



Date: 25 DEC 2015 03:15:50

Highest Channel / 16QAM

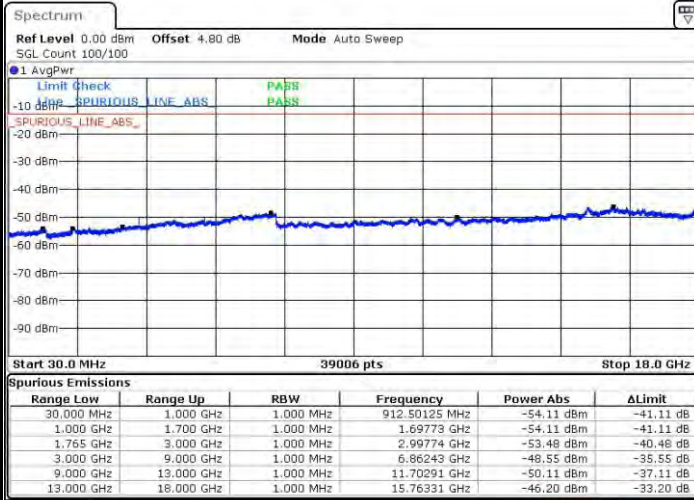


Date: 25 DEC 2015 03:16:45



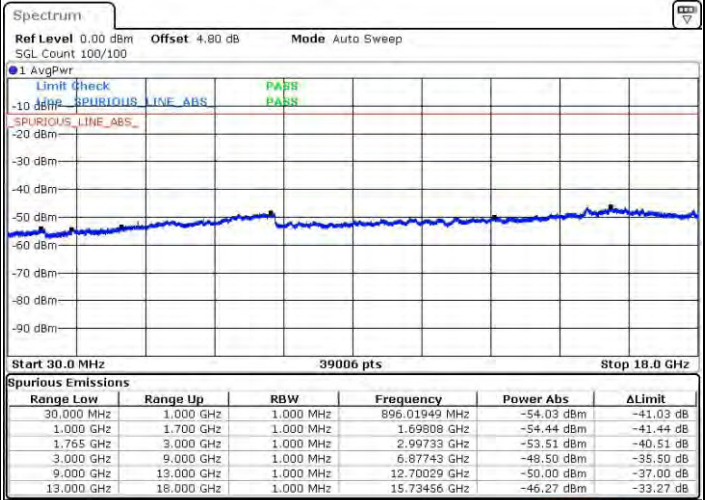
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



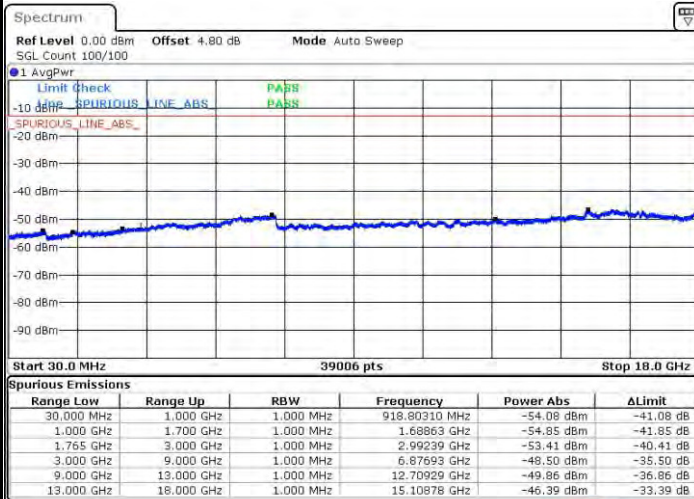
Date: 26 DEC 2015 02:01:40

Lowest Channel / 16QAM



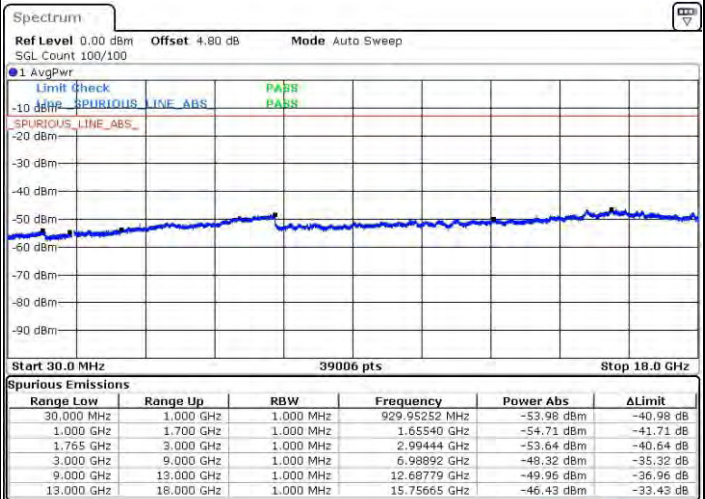
Date: 26 DEC 2015 02:02:35

Middle Channel / QPSK



Date: 26 DEC 2015 02:04:14

Middle Channel / 16QAM

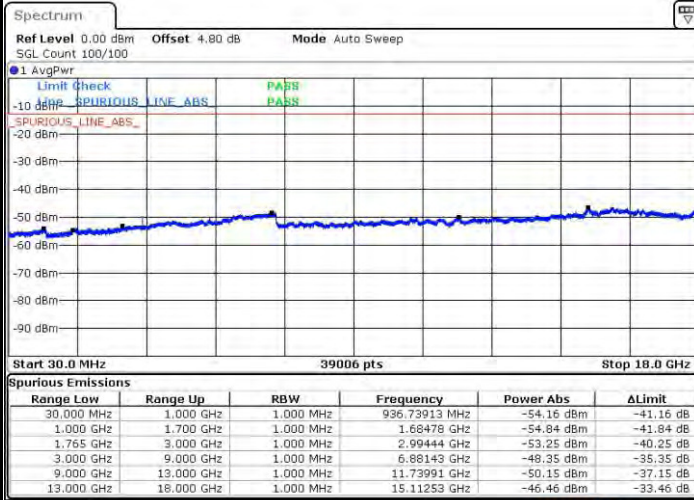


Date: 26 DEC 2015 02:05:09



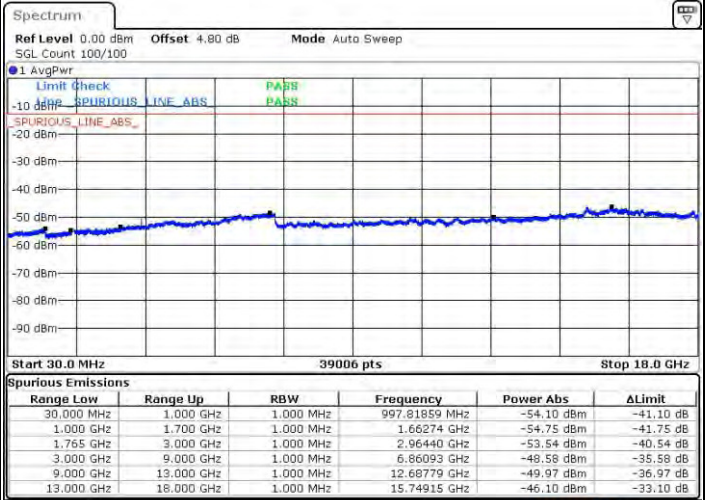
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 26 DEC 2015 02:11:20

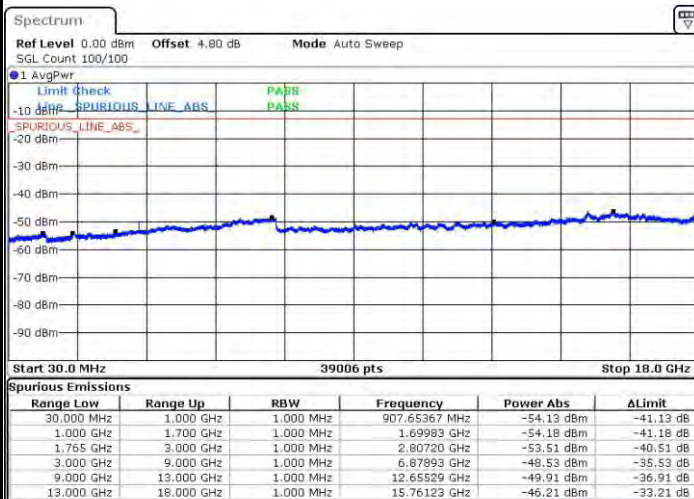
Highest Channel / 16QAM



Date: 26 DEC 2015 02:12:16

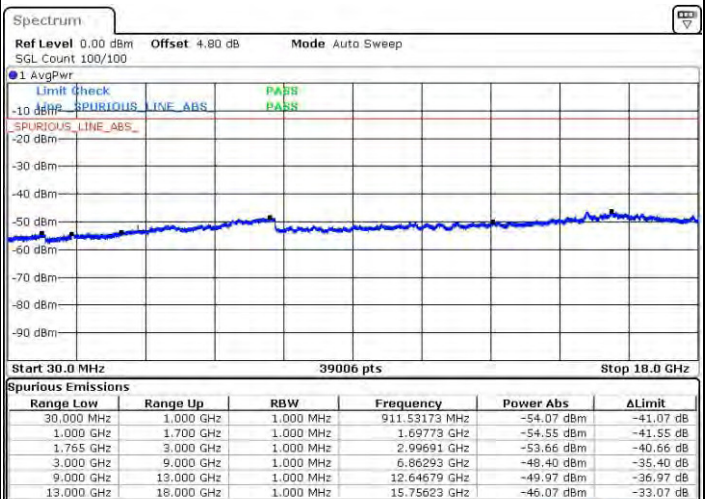
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 26 DEC 2015 02:18:27

Lowest Channel / 16QAM

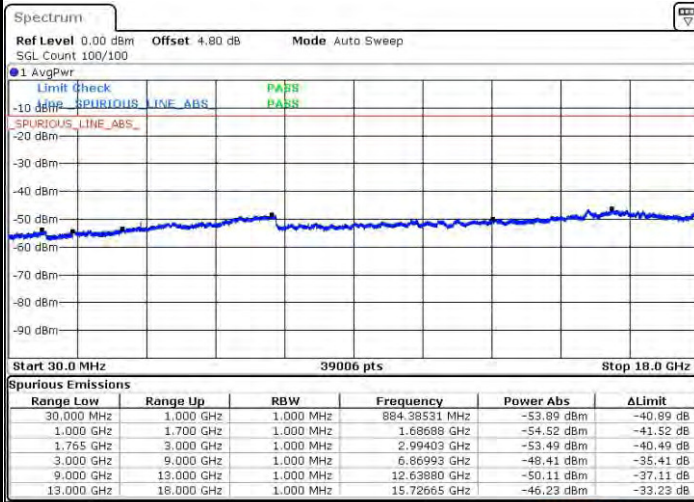


Date: 26 DEC 2015 02:19:22



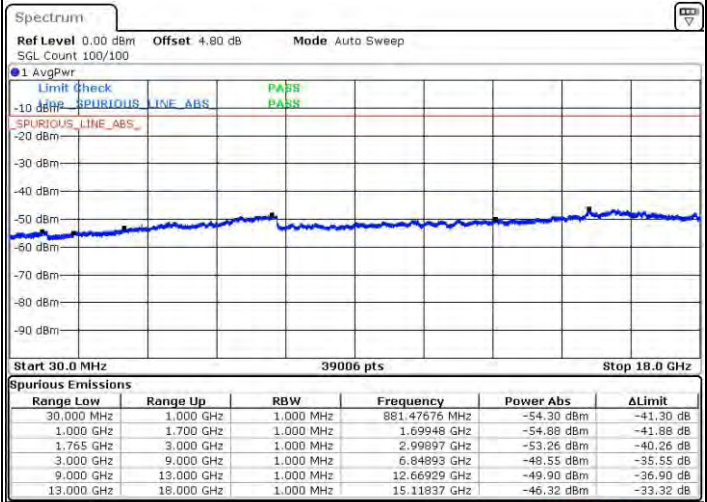
LTE Band 4 / 3MHz

Middle Channel / QPSK



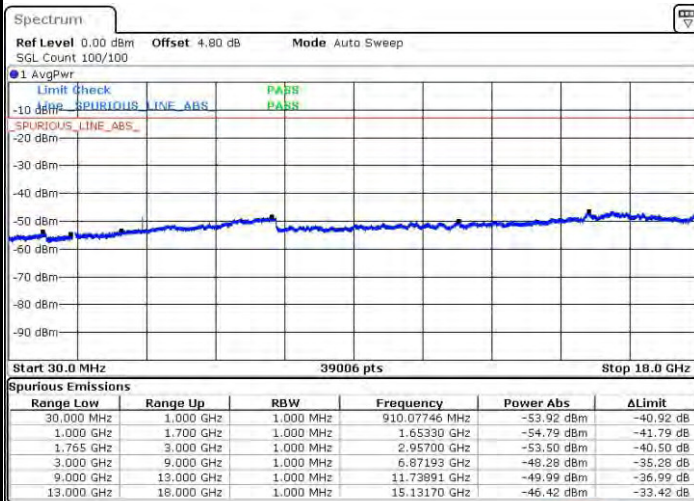
Date: 26 DEC 2015 02:21:01

Middle Channel / 16QAM



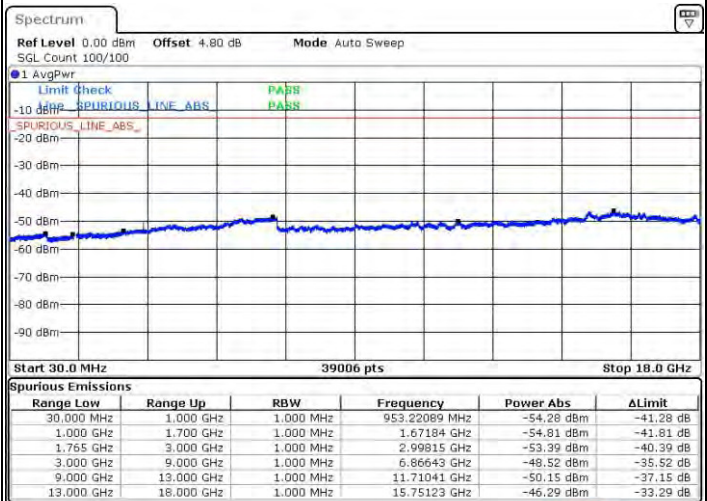
Date: 26 DEC 2015 02:21:56

Highest Channel / QPSK



Date: 26 DEC 2015 02:28:07

Highest Channel / 16QAM

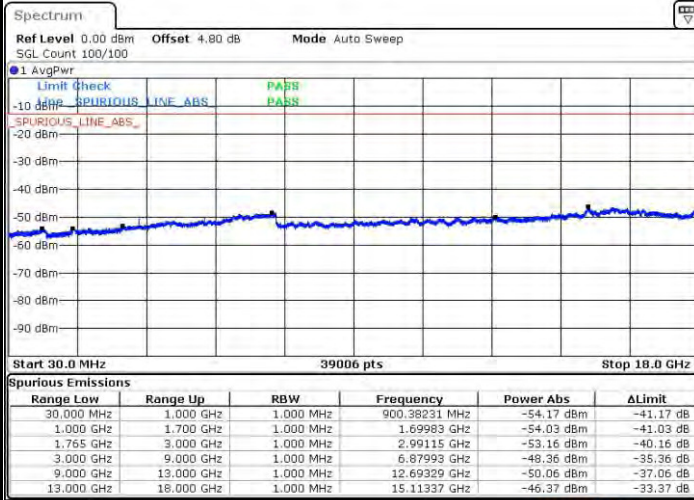


Date: 26 DEC 2015 02:29:03



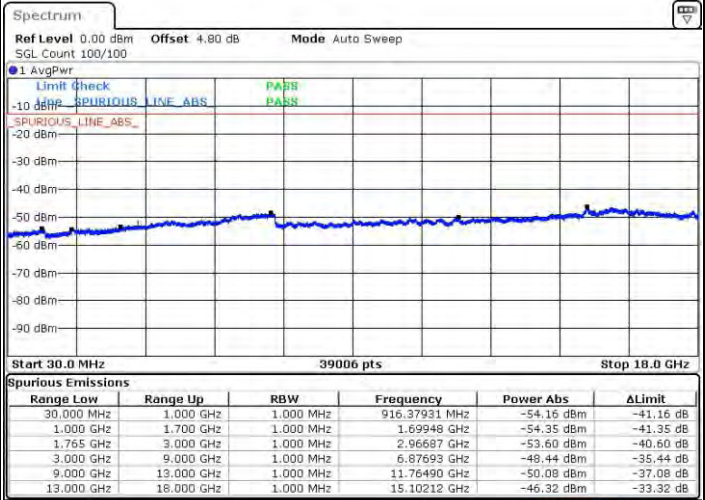
LTE Band 4 / 5MHz

Lowest Channel / QPSK



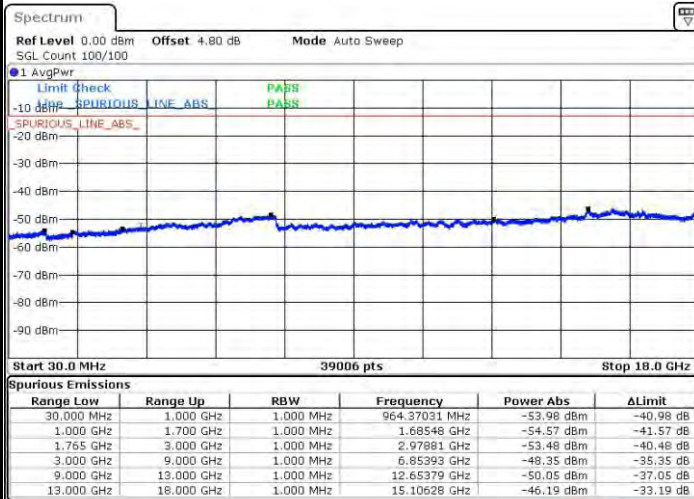
Date: 26 DEC.2015 02:35:14

Lowest Channel / 16QAM



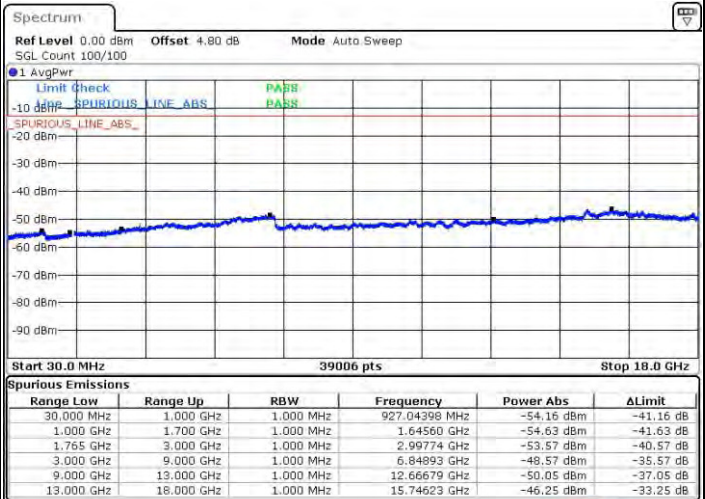
Date: 26 DEC.2015 02:36:09

Middle Channel / QPSK



Date: 26 DEC.2015 02:37:48

Middle Channel / 16QAM

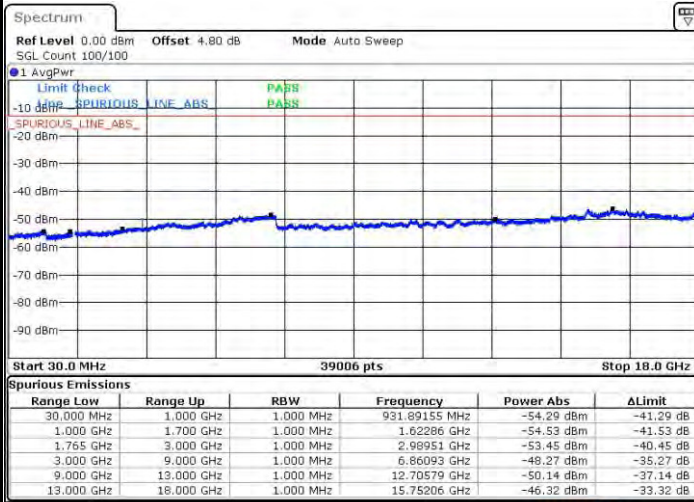


Date: 26 DEC.2015 02:38:43



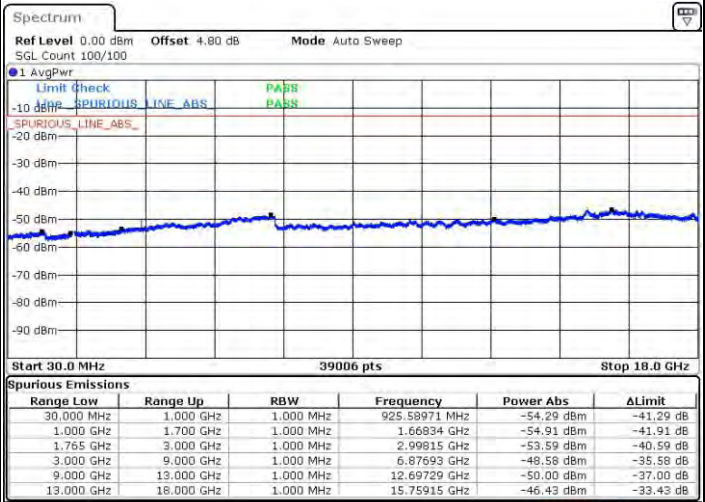
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 26 DEC 2015 02:44:54

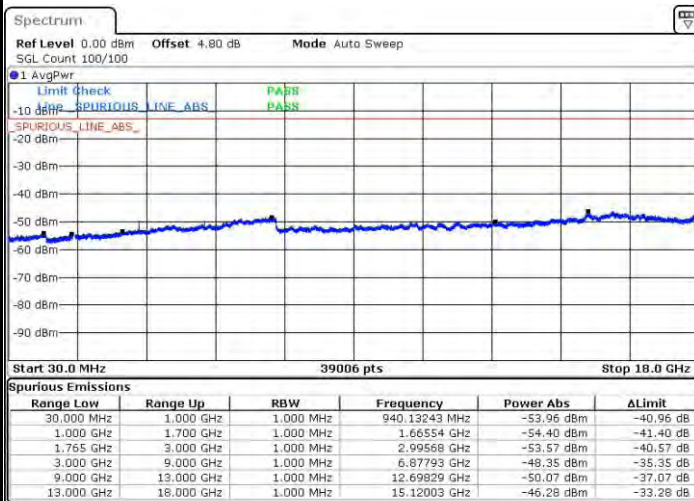
Highest Channel / 16QAM



Date: 26 DEC 2015 02:45:49

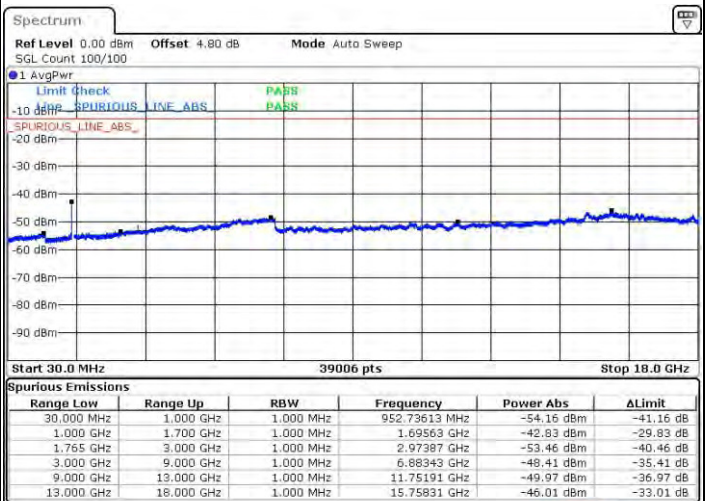
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 26 DEC 2015 03:14:56

Lowest Channel / 16QAM

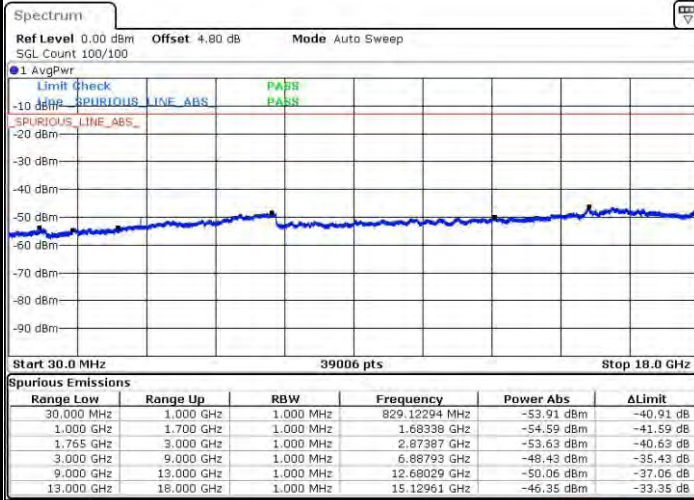


Date: 26 DEC 2015 03:15:51



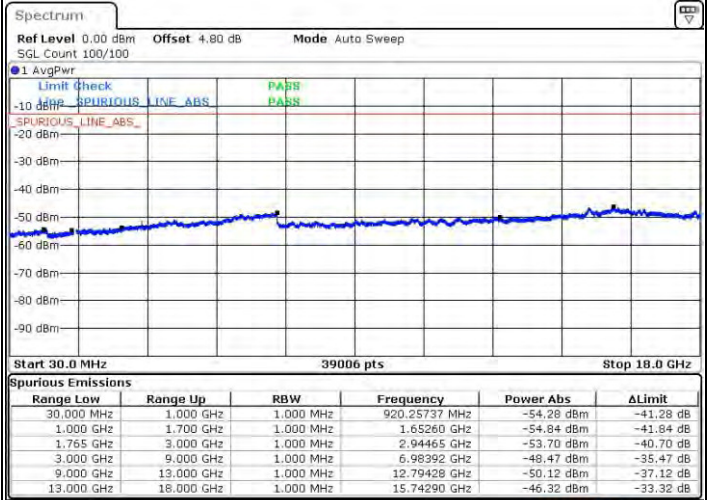
LTE Band 4 / 10MHz

Middle Channel / QPSK



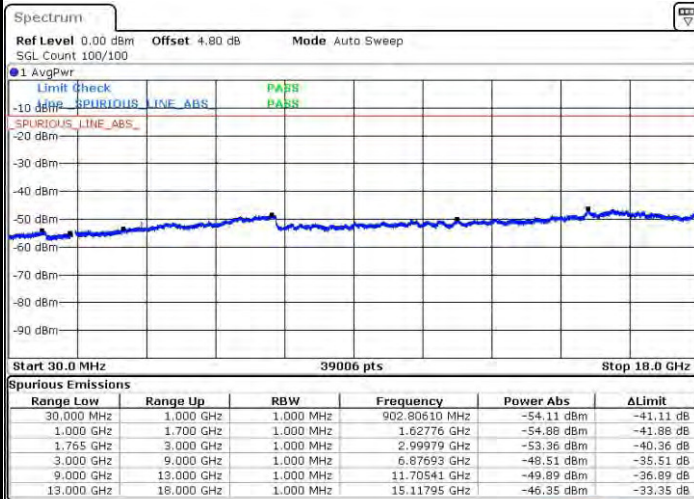
Date: 26 DEC.2015 03:17:31

Middle Channel / 16QAM



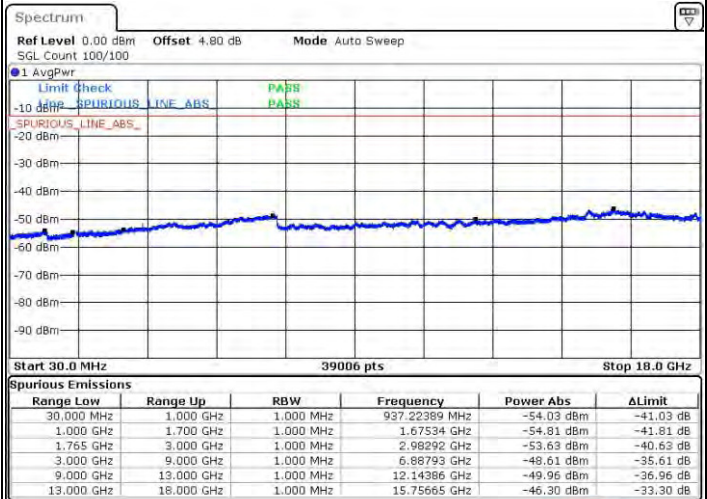
Date: 26 DEC.2015 03:18:27

Highest Channel / QPSK



Date: 26 DEC.2015 03:24:41

Highest Channel / 16QAM

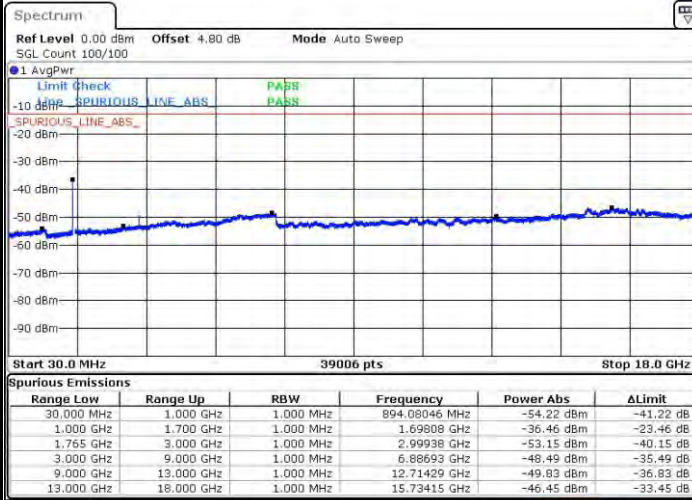


Date: 26 DEC.2015 03:25:36



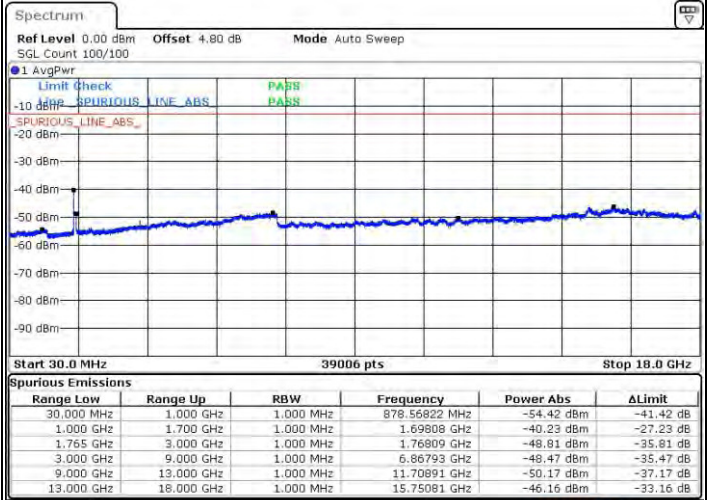
LTE Band 4 / 15MHz

Lowest Channel / QPSK



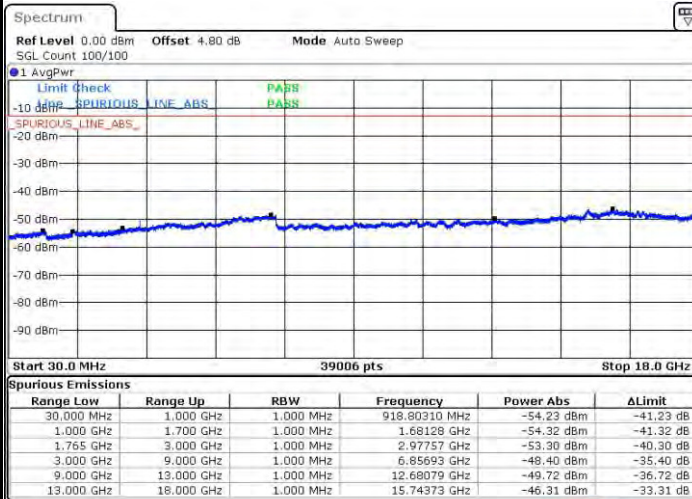
Date: 26 DEC 2015 03:31:48

Lowest Channel / 16QAM



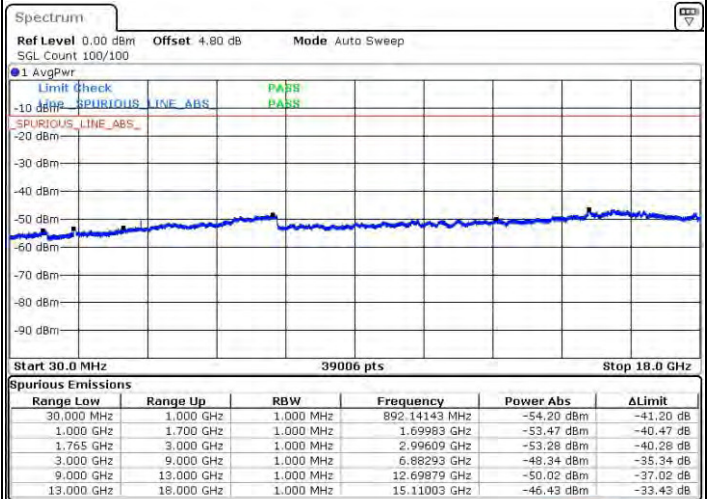
Date: 26 DEC 2015 03:32:43

Middle Channel / QPSK



Date: 26 DEC 2015 03:34:22

Middle Channel / 16QAM

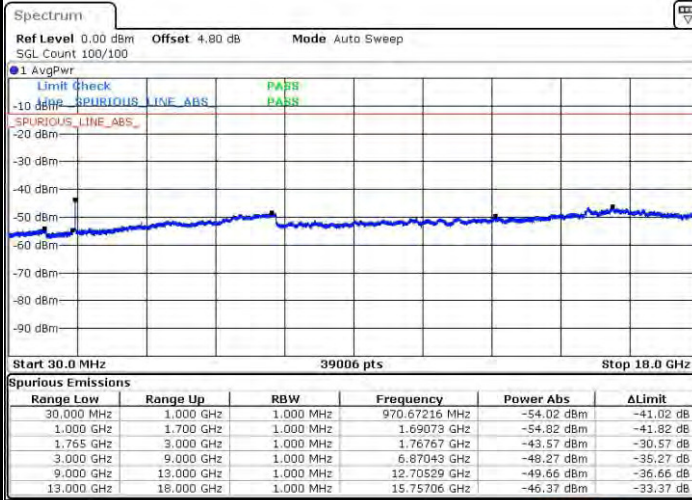


Date: 26 DEC 2015 03:35:17



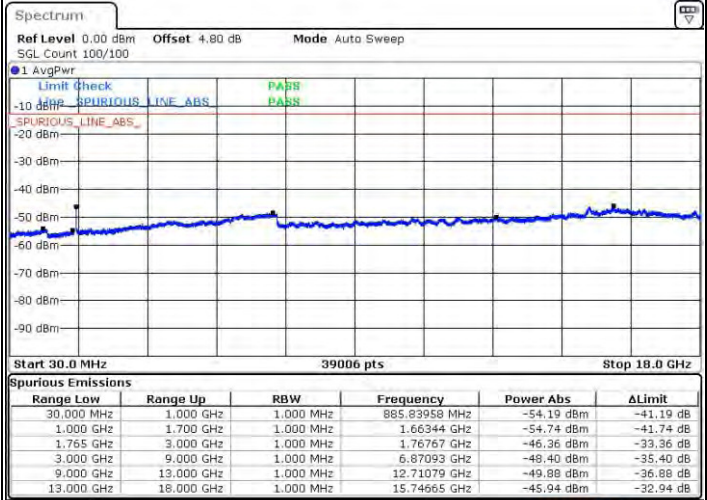
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 26 DEC 2015 03:41:28

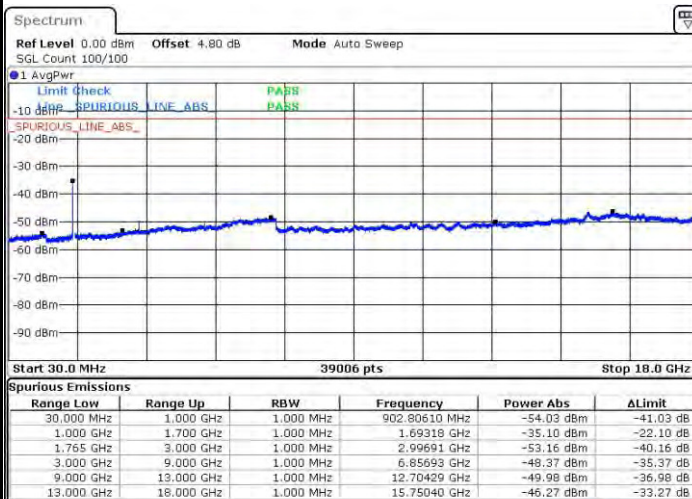
Highest Channel / 16QAM



Date: 26 DEC 2015 03:42:24

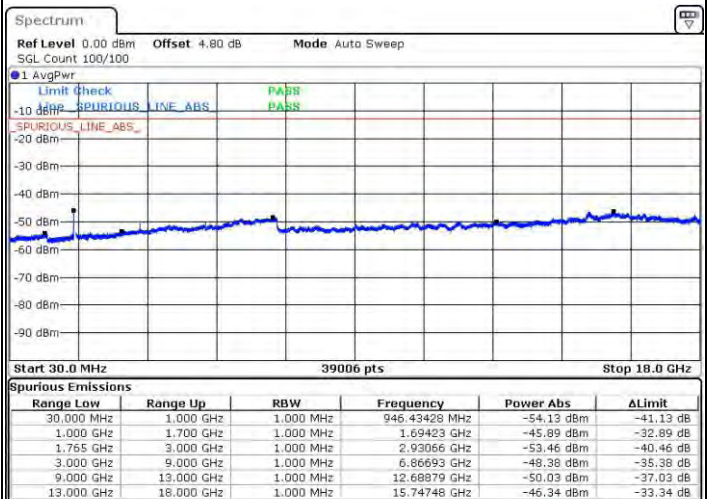
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 26 DEC 2015 03:48:35

Lowest Channel / 16QAM

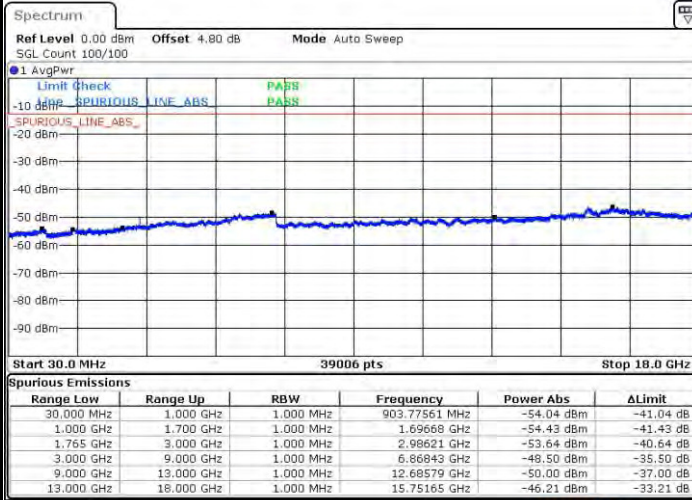


Date: 26 DEC 2015 03:49:30



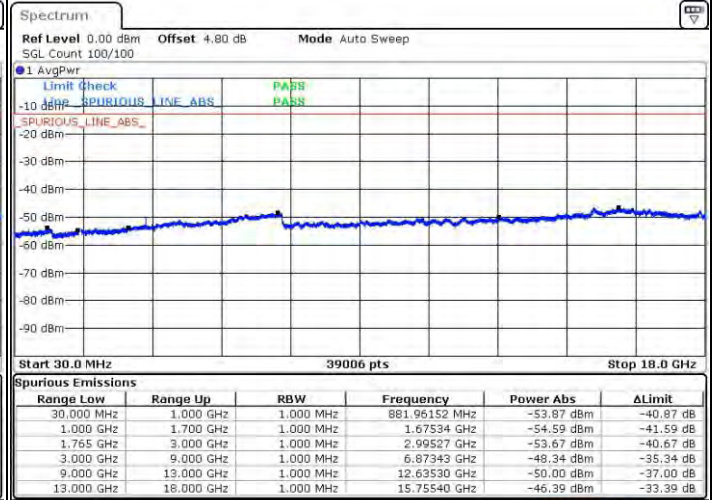
LTE Band 4 / 20MHz

Middle Channel / QPSK



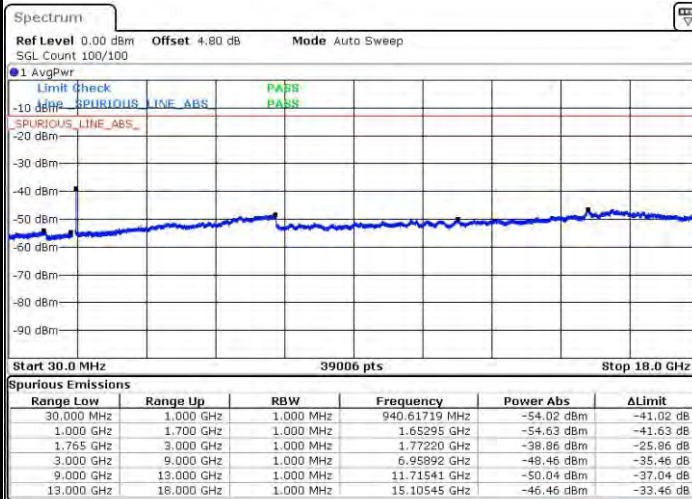
Date: 26 DEC 2015 03:51:09

Middle Channel / 16QAM



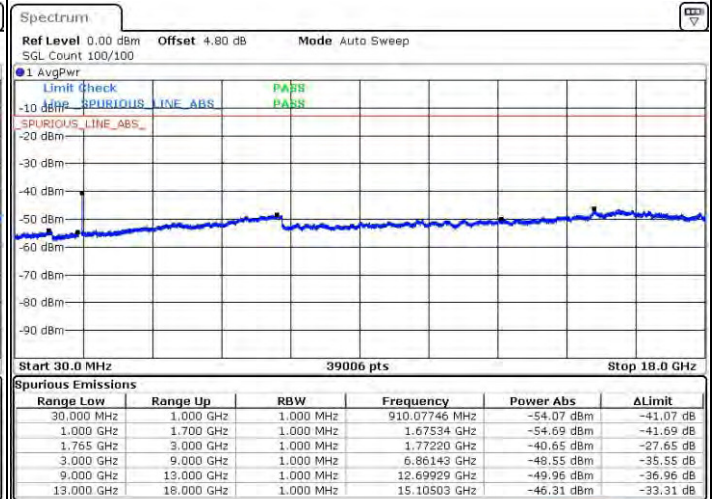
Date: 26 DEC 2015 03:52:04

Highest Channel / QPSK



Date: 26 DEC 2015 03:58:16

Highest Channel / 16QAM

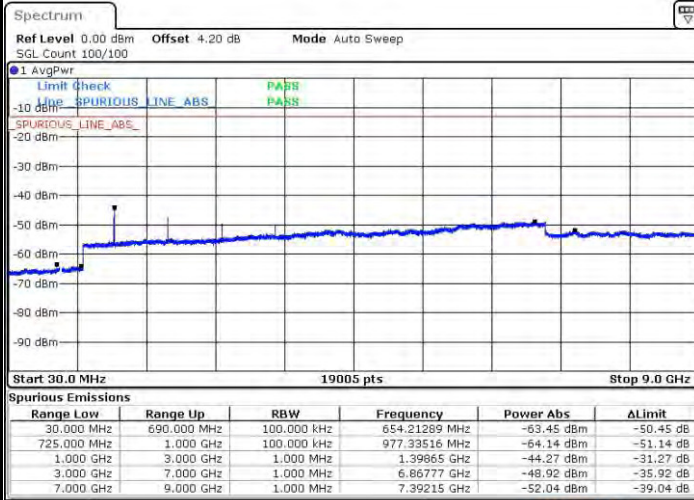


Date: 26 DEC 2015 03:59:11



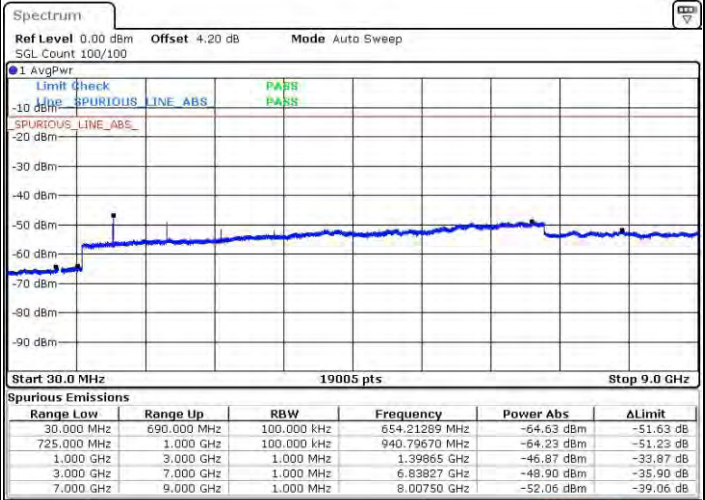
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



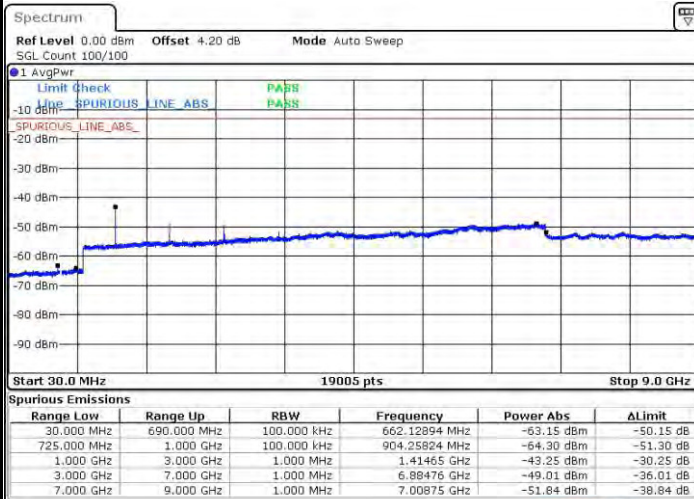
Date: 27 DEC.2015 01:00:44

Lowest Channel / 16QAM



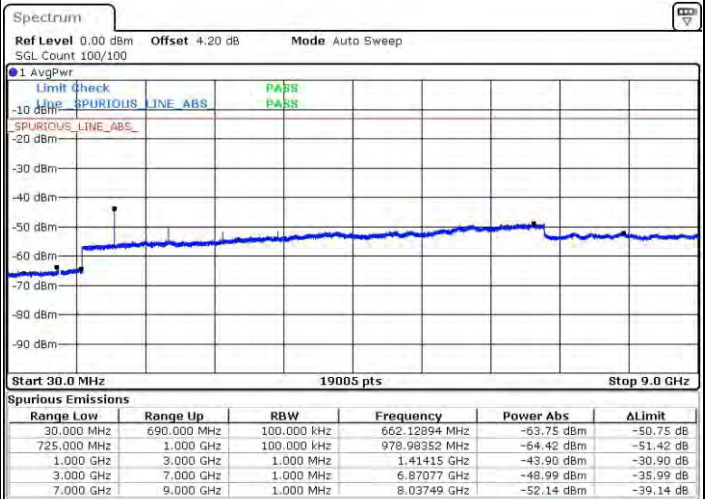
Date: 27 DEC.2015 01:01:39

Middle Channel / QPSK



Date: 27 DEC.2015 01:03:30

Middle Channel / 16QAM

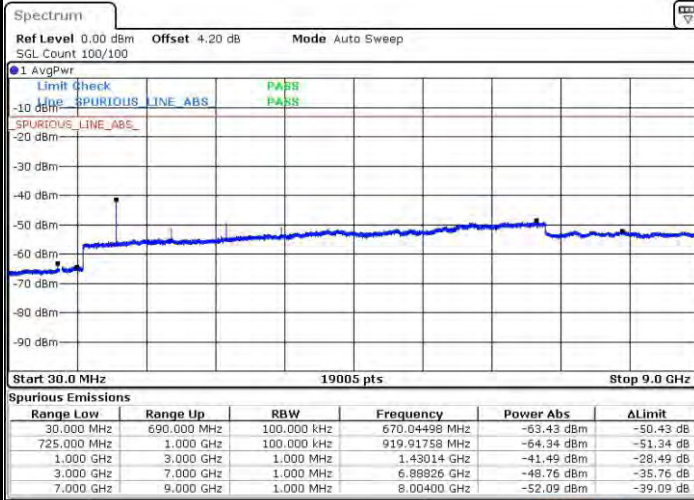


Date: 27 DEC.2015 01:02:35



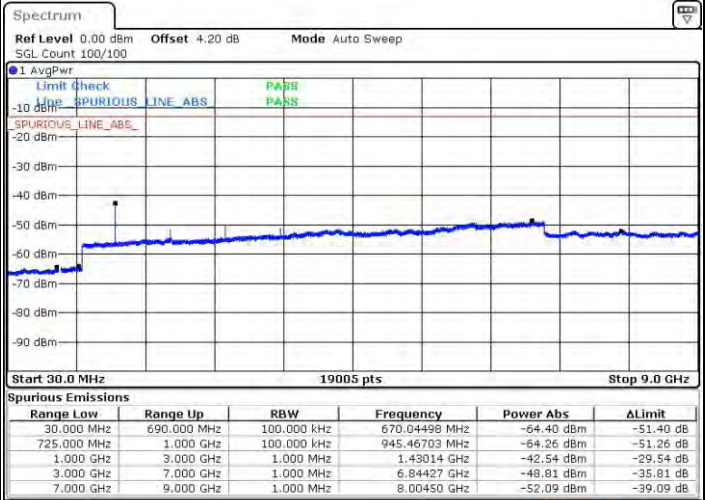
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 27 DEC 2015 01:04:25

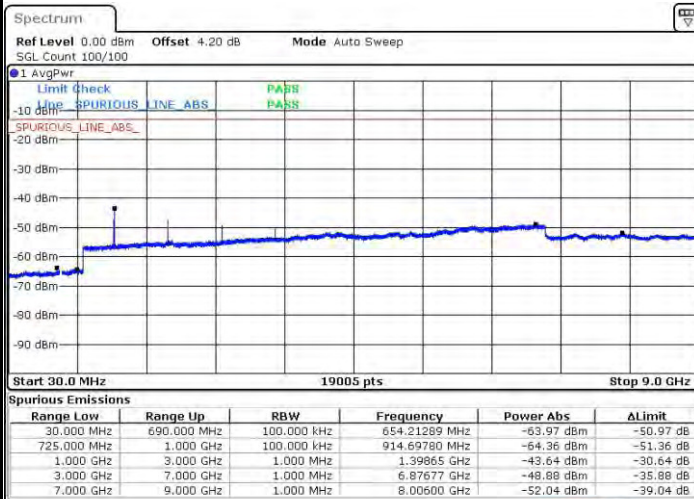
Highest Channel / 16QAM



Date: 27 DEC 2015 01:05:20

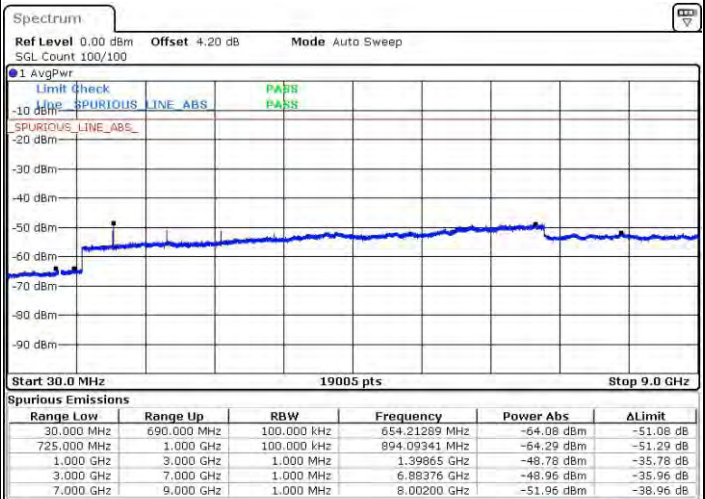
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 27 DEC 2015 01:07:10

Lowest Channel / 16QAM

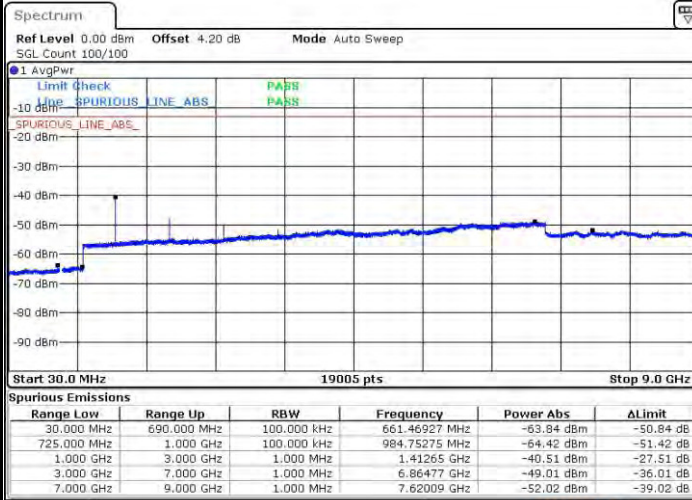


Date: 27 DEC 2015 01:06:15



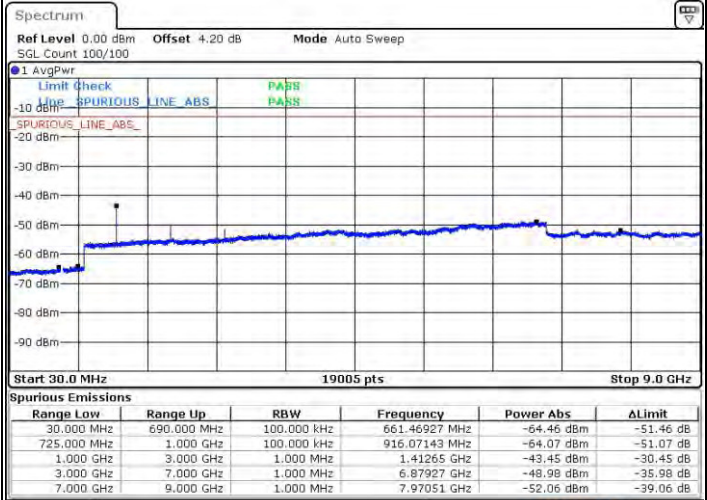
LTE Band 12 / 3MHz

Middle Channel / QPSK



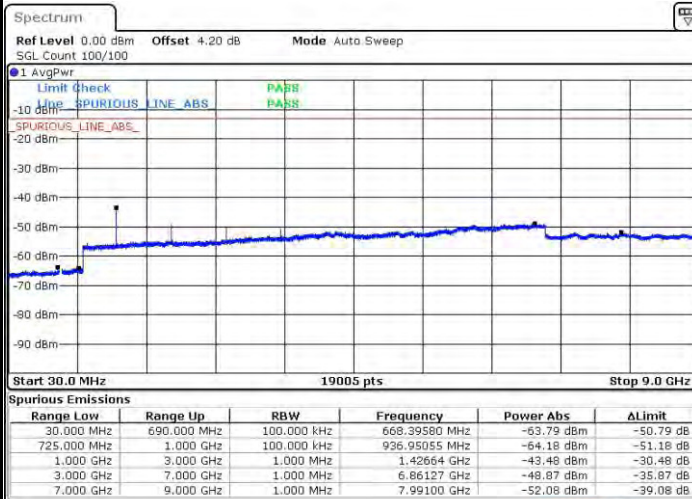
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Middle Channel / 16QAM



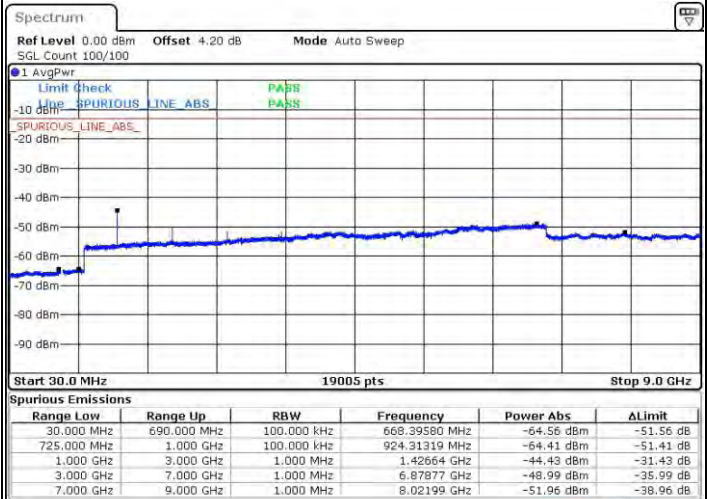
Date: 27 DEC.2015 01:09:00

Highest Channel / QPSK



Date: 27 DEC.2015 01:10:51

Highest Channel / 16QAM

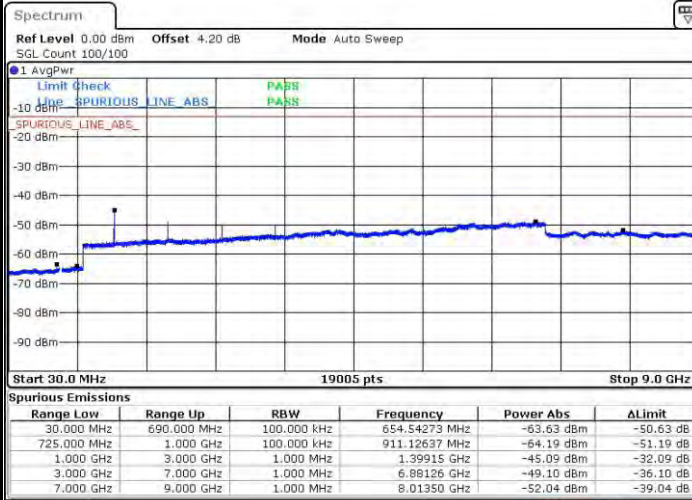


Date: 27 DEC.2015 01:09:56



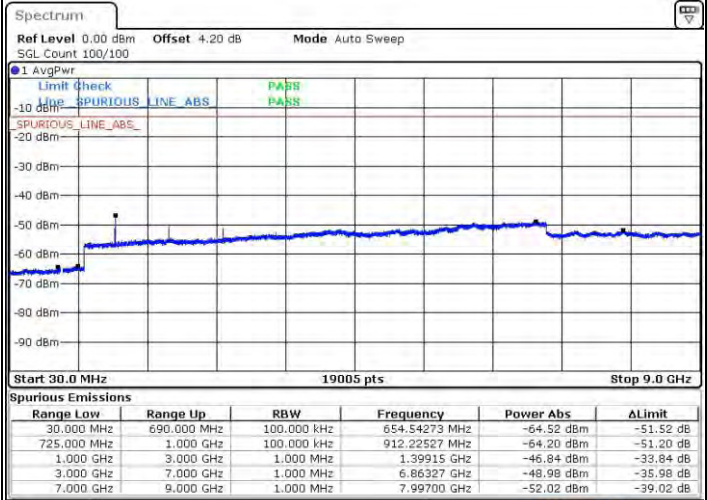
LTE Band 12 / 5MHz

Lowest Channel / QPSK



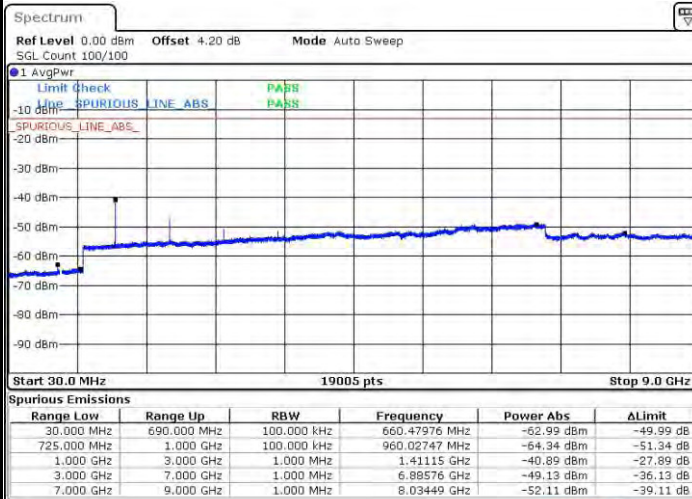
Date: 27 DEC 2015 01:11:46

Lowest Channel / 16QAM



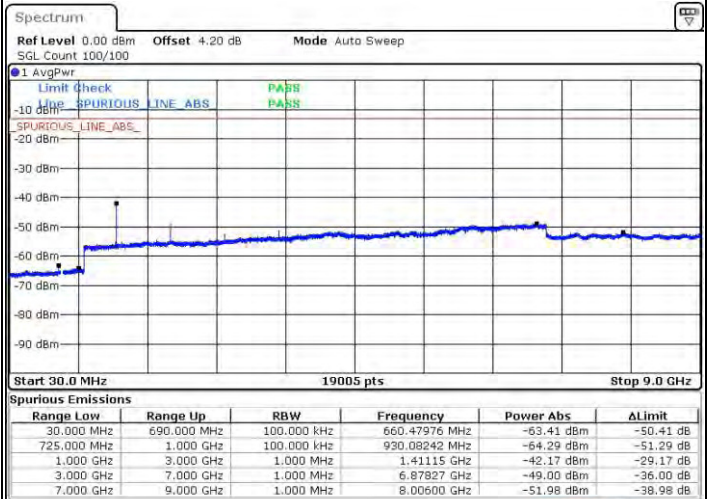
Date: 27 DEC 2015 01:12:41

Middle Channel / QPSK



Date: 27 DEC 2015 01:14:31

Middle Channel / 16QAM

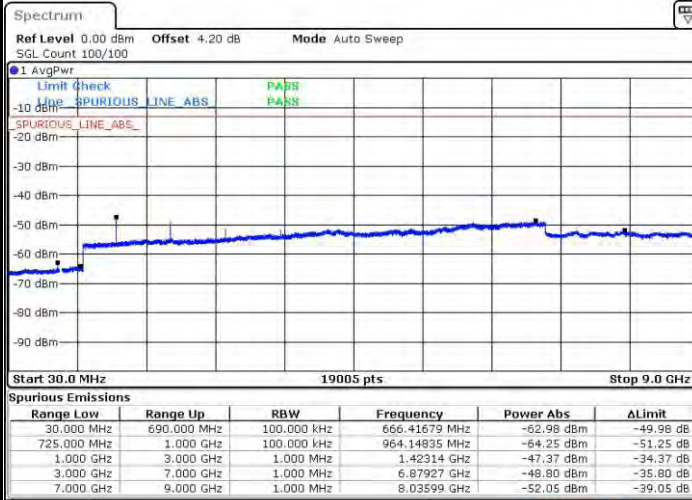


Date: 27 DEC 2015 01:13:36



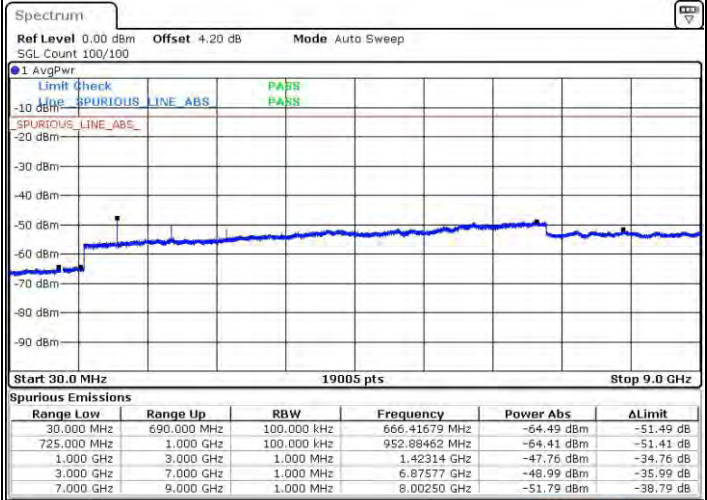
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 27 DEC 2015 01:15:26

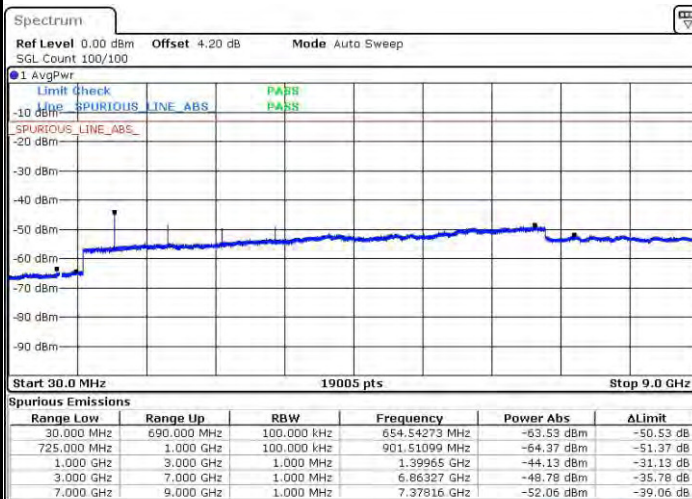
Highest Channel / 16QAM



Date: 27 DEC 2015 01:16:21

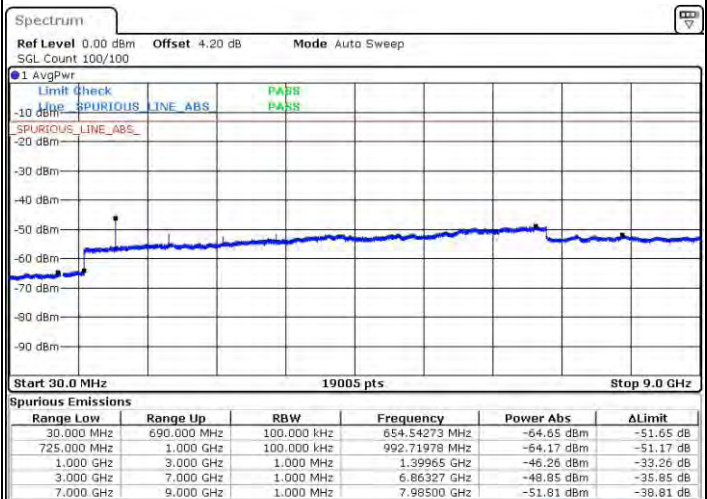
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 27 DEC 2015 01:18:12

Lowest Channel / 16QAM

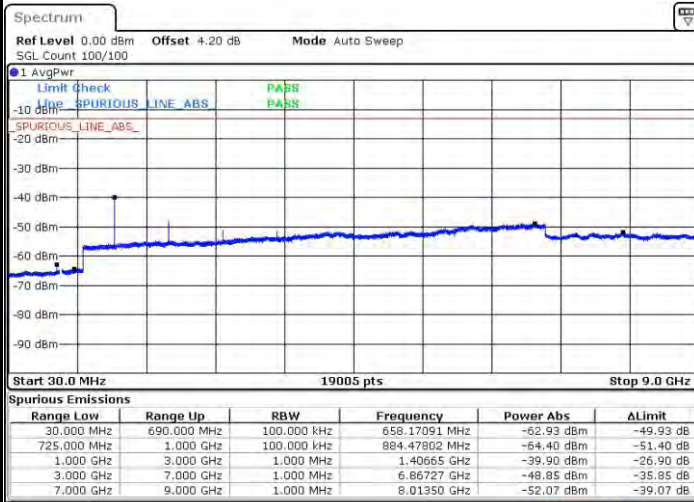


Date: 27 DEC 2015 01:17:17



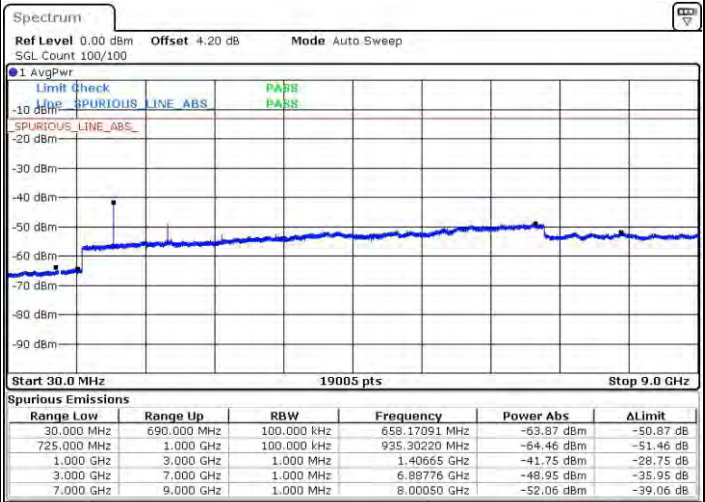
LTE Band 12 / 10MHz

Middle Channel / QPSK



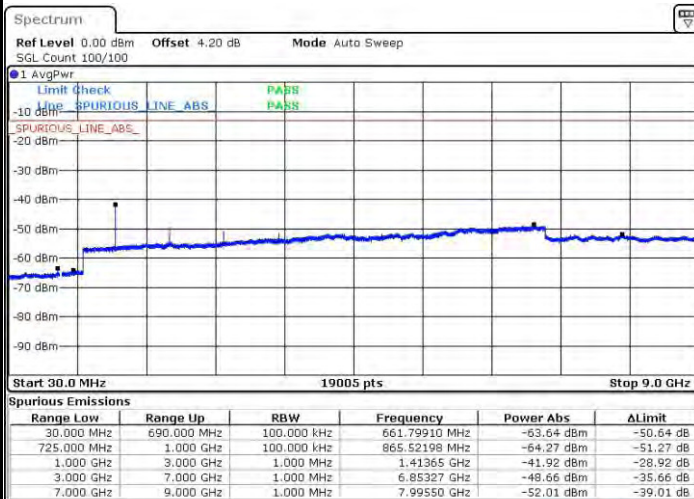
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Middle Channel / 16QAM



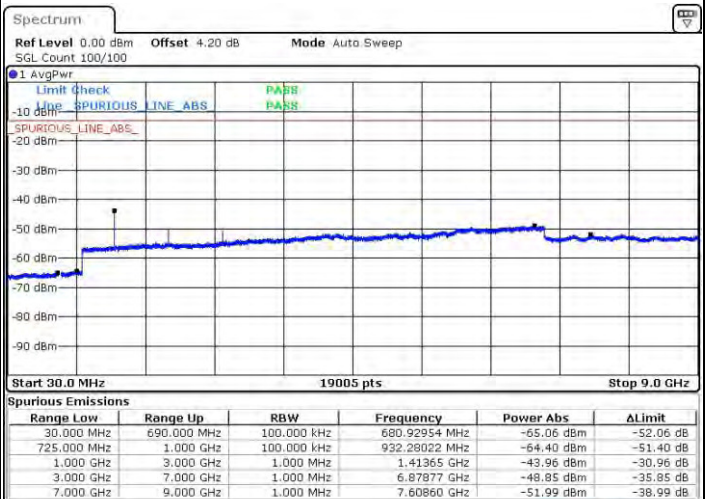
Date: 27 DEC 2015 01:20:02

Highest Channel / QPSK



Date: 27 DEC 2015 01:21:52

Highest Channel / 16QAM



Date: 27 DEC 2015 01:20:57

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	0.0011	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2V
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	0.0022	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0045	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2V
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	3	21.34	0.1361	21.73	0.1489
Middle		1	5	21.80	0.1514	22.38	0.1730
Highest		3	0	21.52	0.1419	22.11	0.1626
Lowest	16QAM	3	0	20.20	0.1047	20.65	0.1161
Middle		1	0	20.64	0.1159	21.16	0.1306
Highest		1	0	20.57	0.1140	21.23	0.1327
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	0	21.39	0.1377	21.96	0.1570
Middle		1	14	21.93	0.1560	22.59	0.1816
Highest		1	0	22.23	0.1671	22.51	0.1782
Lowest	16QAM	1	0	20.21	0.1050	20.67	0.1167
Middle		1	0	20.75	0.1189	21.25	0.1334
Highest		1	14	20.49	0.1119	21.36	0.1368
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	24	21.81	0.1517	22.04	0.1600
Middle		1	0	21.95	0.1567	22.50	0.1778
Highest		1	24	21.81	0.1517	22.58	0.1811
Lowest	16QAM	1	24	20.54	0.1132	20.84	0.1213
Middle		1	0	20.64	0.1159	21.12	0.1294
Highest		1	12	20.72	0.1180	21.21	0.1321
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	21.34	0.1361	21.81	0.1517
Middle		1	0	21.94	0.1563	22.38	0.1730
Highest		1	49	21.61	0.1449	22.38	0.1730
Lowest	16QAM	1	0	20.22	0.1052	20.68	0.1169
Middle		1	0	20.63	0.1156	21.16	0.1306
Highest		1	0	21.54	0.1426	21.42	0.1387
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	37	21.85	0.1531	22.08	0.1614
Middle		1	0	22.00	0.1585	22.47	0.1766
Highest		1	74	21.87	0.1538	22.63	0.1832
Lowest	16QAM	1	37	20.78	0.1197	20.95	0.1245
Middle		1	0	20.85	0.1216	21.21	0.1321
Highest		1	74	20.64	0.1159	21.46	0.1400
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	0	21.54	0.1426	22.01	0.1589
Middle		1	0	22.31	0.1702	22.54	0.1795
Highest		1	49	22.87	0.1936	22.68	0.1854
Lowest	16QAM	1	0	20.44	0.1107	20.81	0.1205
Middle		1	0	21.17	0.1309	21.23	0.1327
Highest		1	99	20.55	0.1135	21.32	0.1355
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	0	24.21	0.2636	21.10	0.1288
Middle		3	3	22.93	0.1963	21.33	0.1358
Highest		3	0	22.31	0.1702	21.31	0.1352
Lowest	16QAM	1	0	22.99	0.1991	19.99	0.0998
Middle		1	3	21.93	0.1560	20.19	0.1045
Highest		1	3	21.20	0.1318	20.21	0.1050
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	24.23	0.2649	21.16	0.1306
Middle		1	14	23.00	0.1995	21.49	0.1409
Highest		1	0	22.37	0.1726	21.52	0.1419
Lowest	16QAM	1	0	23.02	0.2004	19.92	0.0982
Middle		1	0	21.97	0.1574	20.26	0.1062
Highest		1	8	21.15	0.1303	20.17	0.1040
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	24.44	0.2780	21.34	0.1361
Middle		1	24	23.02	0.2004	21.54	0.1426
Highest		1	0	22.50	0.1778	21.42	0.1387
Lowest	16QAM	1	0	23.17	0.2075	20.08	0.1019
Middle		1	0	22.12	0.1629	20.09	0.1021
Highest		1	0	21.29	0.1346	20.22	0.1052
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	24.30	0.2692	21.23	0.1327
Middle		1	49	22.86	0.1932	21.33	0.1358
Highest		1	0	22.40	0.1738	21.30	0.1349
Lowest	16QAM	1	0	23.23	0.2104	20.02	0.1005
Middle		1	49	21.59	0.1442	20.16	0.1038
Highest		1	25	21.13	0.1297	20.22	0.1052
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	24.41	0.2761	21.20	0.1318
Middle		1	74	22.73	0.1875	21.56	0.1432
Highest		1	0	22.59	0.1816	21.58	0.1439
Lowest	16QAM	1	0	23.19	0.2084	20.10	0.1023
Middle		1	74	21.48	0.1406	20.33	0.1079
Highest		1	0	21.42	0.1387	20.46	0.1112
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	0	24.30	0.2692	21.15	0.1303
Middle		1	99	22.54	0.1795	21.57	0.1435
Highest		1	0	22.83	0.1919	21.39	0.1377
Lowest	16QAM	1	0	23.25	0.2113	20.04	0.1009
Middle		1	49	22.65	0.1841	19.89	0.0975
Highest		1	0	21.59	0.1442	20.24	0.1057
Limit	EIRP < 1W			Result		PASS	

LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	21.49	0.1409	5.39	0.0035
Middle		1	0	22.44	0.1754	6.53	0.0045
Highest		1	0	21.68	0.1472	6.05	0.0040
Lowest	16QAM	3	3	20.47	0.1114	4.42	0.0028
Middle		1	0	21.29	0.1346	5.65	0.0037
Highest		3	3	20.56	0.1138	5.00	0.0032
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.65	0.1462	4.92	0.0031
Middle		1	0	22.25	0.1679	6.05	0.0040
Highest		1	14	21.79	0.1510	6.31	0.0043
Lowest	16QAM	1	0	20.44	0.1107	3.75	0.0024
Middle		1	14	21.07	0.1279	4.87	0.0031
Highest		1	8	20.70	0.1175	5.11	0.0032
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.68	0.1472	5.01	0.0032
Middle		1	0	22.32	0.1706	6.19	0.0042
Highest		1	0	22.19	0.1656	5.84	0.0038
Lowest	16QAM	1	0	20.43	0.1104	3.81	0.0024
Middle		1	0	21.13	0.1297	4.94	0.0031
Highest		1	0	21.00	0.1259	4.77	0.0030
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.71	0.1483	5.27	0.0034
Middle		1	0	21.73	0.1489	5.72	0.0037
Highest		1	0	22.22	0.1667	6.48	0.0044
Lowest	16QAM	1	0	20.41	0.1099	4.20	0.0026
Middle		1	0	20.54	0.1132	4.62	0.0029
Highest		1	0	20.96	0.1247	5.30	0.0034
Limit	ERP < 3W			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	-34.98	-13	-21.98	-61.33	-39.98	2.60	7.60	H
	5640	-45.74	-13	-32.74	-63.51	-52.74	3.10	10.10	H
	7518	-49.32	-13	-36.32	-66.27	-55.48	5.77	11.93	H
	3759	-52.31	-13	-39.31	-62.88	-57.31	2.60	7.60	V
	5640	-48.69	-13	-35.69	-63.15	-55.69	3.10	10.10	V
	7518	-49.94	-13	-36.94	-67.91	-56.10	5.77	11.93	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	3759	-53.15	-13	-40.15	-62.71	-58.15	2.60	7.60	H
	5637	-50.24	-13	-37.24	-64.23	-57.24	3.10	10.10	H
	7515	-48.92	-13	-35.92	-67.65	-55.08	5.77	11.93	H
	3759	-51.28	-13	-38.28	-61.8	-56.28	2.60	7.60	V
	5637	-47.13	-13	-34.13	-61.88	-54.13	3.10	10.10	V
	7515	-49.21	-13	-36.21	-67.13	-55.37	5.77	11.93	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	3756	-51.52	-13	-38.52	-61.39	-56.52	2.60	7.60	H
	5634	-48.86	-13	-35.86	-62.85	-55.86	3.10	10.10	H
	7512	-46.83	-13	-33.83	-65.56	-52.99	5.77	11.93	H
	3756	-52.65	-13	-39.65	-63.17	-57.65	2.60	7.60	V
	5634	-47.03	-13	-34.03	-61.81	-54.03	3.10	10.10	V
	7512	-49.26	-13	-36.26	-67.18	-55.42	5.77	11.93	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	3753	-52.23	-13	-39.23	-61.79	-57.23	2.60	7.60	H
	5628	-47.71	-13	-34.71	-61.76	-54.71	3.10	10.10	H
	7503	-48.14	-13	-35.14	-66.87	-54.30	5.77	11.93	H
	3750	-50.60	-13	-37.60	-61.23	-55.60	2.60	7.60	V
	5628	-49.88	-13	-36.88	-64.34	-56.88	3.10	10.10	V
	7503	-49.78	-13	-36.78	-67.7	-55.94	5.77	11.93	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	3747	-53.35	-13	-40.35	-62.91	-58.35	2.60	7.60	H
	5619	-48.68	-13	-35.68	-62.67	-55.68	3.10	10.10	H
	7494	-47.00	-13	-34.00	-65.73	-53.16	5.77	11.93	H
	3747	-52.98	-13	-39.98	-63.5	-57.98	2.60	7.60	V
	5619	-48.44	-13	-35.44	-62.9	-55.44	3.10	10.10	V
	7494	-49.42	-13	-36.42	-67.34	-55.58	5.77	11.93	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	3741	-52.62	-13	-39.62	-62.18	-57.62	2.60	7.60	H
	5613.54	-51.42	-13	-38.42	-65.41	-58.42	3.10	10.10	H
	7485	-48.90	-13	-35.90	-67.63	-55.06	5.77	11.93	H
	3741	-54.45	-13	-41.45	-64.97	-59.45	2.60	7.60	V
	5613.54	-48.47	-13	-35.47	-62.93	-55.47	3.10	10.10	V
	7485	-50.40	-13	-37.40	-68.32	-56.56	5.77	11.93	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	3465	-54.53	-13	-41.53	-63.21	-59.51	2.51	7.49	H
	5196	-42.51	-13	-29.51	-62.68	-48.98	2.98	9.45	H
	6930	-50.58	-13	-37.58	-67.68	-56.65	5.28	11.35	H
	3465	-56.39	-13	-43.39	-62.96	-61.37	2.51	7.49	V
	5196	-41.66	-13	-28.66	-59.06	-48.13	2.98	9.45	V
	6930	-50.88	-13	-37.88	-66.64	-56.95	5.28	11.35	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	-54.62	-13	-41.62	-62.38	-59.60	2.51	7.49	H
	5193	-49.66	-13	-36.66	-63.25	-56.13	2.98	9.45	H
	6924	-50.00	-13	-37.00	-66.79	-56.07	5.28	11.35	H
	3462	-57.45	-13	-44.45	-63.33	-62.43	2.51	7.49	V
	5193	-51.44	-13	-38.44	-65.4	-57.91	2.98	9.45	V
	6924	-51.36	-13	-38.36	-68.39	-57.43	5.28	11.35	V

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



LTE Band 4 / 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	3462	-54.52	-13	-41.52	-62.28	-59.50	2.51	7.49	H
	5193	-52.80	-13	-39.80	-66.39	-59.27	2.98	9.45	H
	6921	-49.59	-13	-36.59	-66.38	-55.66	5.28	11.35	H
	3462	-56.53	-13	-43.53	-62.68	-61.51	2.51	7.49	V
	5193	-47.77	-13	-34.77	-62.21	-54.24	2.98	9.45	V
	6921	-51.77	-13	-38.77	-68.8	-57.84	5.28	11.35	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	-56.36	-13	-43.36	-64.12	-61.34	2.51	7.49	H
	5184.54	-41.59	-13	-28.59	-56.04	-48.06	2.98	9.45	H
	6912	-47.76	-13	-34.76	-64.55	-53.83	5.28	11.35	H
	3456	-57.52	-13	-44.52	-63.36	-62.50	2.51	7.49	V
	5184.54	-51.45	-13	-38.45	-65.41	-57.92	2.98	9.45	V
	6912	-49.82	-13	-36.82	-66.85	-55.89	5.28	11.35	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	3453	-54.04	-13	-41.04	-61.80	-59.02	2.51	7.49	H
	5178	-46.91	-13	-33.91	-60.80	-53.38	2.98	9.45	H
	6906	-51.04	-13	-38.04	-67.83	-57.11	5.28	11.35	H
	3453	-55.14	-13	-42.14	-61.56	-60.12	2.51	7.49	V
	5178	-51.72	-13	-38.72	-65.68	-58.19	2.98	9.45	V
	6906	-51.55	-13	-38.55	-68.58	-57.62	5.28	11.35	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	3447	-54.52	-13	-41.52	-62.28	-59.50	2.51	7.49	H
	5172	-49.39	-13	-36.39	-62.98	-55.86	2.98	9.45	H
	6894	-49.51	-13	-36.51	-66.30	-55.58	5.28	11.35	H
	3447	-57.59	-13	-44.59	-63.39	-62.57	2.51	7.49	V
	5172	-43.37	-13	-30.37	-58.62	-49.84	2.98	9.45	V
	6894	-50.34	-13	-37.34	-67.37	-56.41	5.28	11.35	V

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



LTE Band 12 / 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	1414	-55.08	-13	-42.08	-55.81	-56.97	0.84	4.88	H
	2122	-52.62	-13	-39.62	-57.45	-55.26	1.14	5.93	H
	2828	-39.08	-13	-26.08	-44.65	-42.26	1.33	6.66	H
	3534	-48.40	-13	-35.40	-54.05	-52.36	1.45	7.56	H
	4242	-55.00	-13	-42.00	-63.92	-59.40	1.5	8.05	H
	4950	-50.13	-13	-37.13	-60.69	-55.56	1.55	9.13	H
	1414	-46.68	-13	-33.68	-49.02	-48.57	0.84	4.88	V
	2122	-48.72	-13	-35.72	-54.45	-51.36	1.14	5.93	V
	2828	-38.81	-13	-25.81	-45.87	-41.99	1.33	6.66	V
	3537	-42.95	-13	-29.95	-50.66	-46.91	1.45	7.56	V
	4242	-50.37	-13	-37.37	-60.22	-54.77	1.5	8.05	V
	4950	-49.60	-13	-36.60	-60.64	-55.03	1.55	9.13	V

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

LTE Band 12 / 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	1412	-52.44	-13	-39.44	-53.36	-54.33	0.84	4.88	H
	2120	-54.72	-13	-41.72	-59.17	-57.36	1.14	5.93	H
	2826	-40.86	-13	-27.86	-46.38	-44.04	1.33	6.66	H
	3531	-47.20	-13	-34.20	-52.87	-51.16	1.45	7.56	H
	4239	-53.41	-13	-40.41	-62.33	-57.81	1.5	8.05	H
	4944	-47.89	-13	-34.89	-59.71	-53.32	1.55	9.13	H
	1412	-46.53	-13	-33.53	-48.84	-48.42	0.84	4.88	V
	2120	-51.18	-13	-38.18	-56.68	-53.82	1.14	5.93	V
	2826	-42.62	-13	-29.62	-49.69	-45.80	1.33	6.66	V
	3531	-43.80	-13	-30.80	-51.47	-47.76	1.45	7.56	V
	4239	-51.48	-13	-38.48	-61.33	-55.88	1.5	8.05	V
	4944	-48.93	-13	-35.93	-59.98	-54.36	1.55	9.13	V

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



LTE Band 12 / 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	1412	-51.48	-13	-38.48	-52.30	-53.37	0.84	4.88	H
	2116	-57.00	-13	-44.00	-61.14	-59.64	1.14	5.93	H
	2822	-40.49	-13	-27.49	-46.01	-43.67	1.33	6.66	H
	3528	-47.02	-13	-34.02	-52.69	-50.98	1.45	7.56	H
	4233	-53.75	-13	-40.75	-62.67	-58.15	1.5	8.05	H
	4938	-45.32	-13	-32.32	-57.36	-50.75	1.55	9.13	H
	1410	-44.97	-13	-31.97	-47.44	-46.86	0.84	4.88	V
	2116	-54.07	-13	-41.07	-59.17	-56.71	1.14	5.93	V
	2822	-42.71	-13	-29.71	-49.79	-45.89	1.33	6.66	V
	3528	-43.09	-13	-30.09	-50.79	-47.05	1.45	7.56	V
	4233	-50.98	-13	-37.98	-60.83	-55.38	1.5	8.05	V
	4938	-49.76	-13	-36.76	-60.8	-55.19	1.55	9.13	V

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

LTE Band 12 / 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	1406	-48.84	-13	-35.84	-49.95	-50.73	0.84	4.88	H
	2110	-56.04	-13	-43.04	-60.18	-58.68	1.14	5.93	H
	2812	-40.21	-13	-27.21	-45.73	-43.39	1.33	6.66	H
	3516	-49.76	-13	-36.76	-55.32	-53.72	1.45	7.56	H
	4218	-51.44	-13	-38.44	-60.36	-55.84	1.5	8.05	H
	4923	-50.14	-13	-37.14	-60.70	-55.57	1.55	9.13	H
	1406	-44.04	-13	-31.04	-46.56	-45.93	0.84	4.88	V
	2110	-52.27	-13	-39.27	-57.58	-54.91	1.14	5.93	V
	2812	-44.41	-13	-31.41	-52.25	-47.59	1.33	6.66	V
	3516	-47.30	-13	-34.30	-54.83	-51.26	1.45	7.56	V
	4218	-51.35	-13	-38.35	-61.2	-55.75	1.5	8.05	V
	4923	-53.20	-13	-40.20	-64.24	-58.63	1.55	9.13	V

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