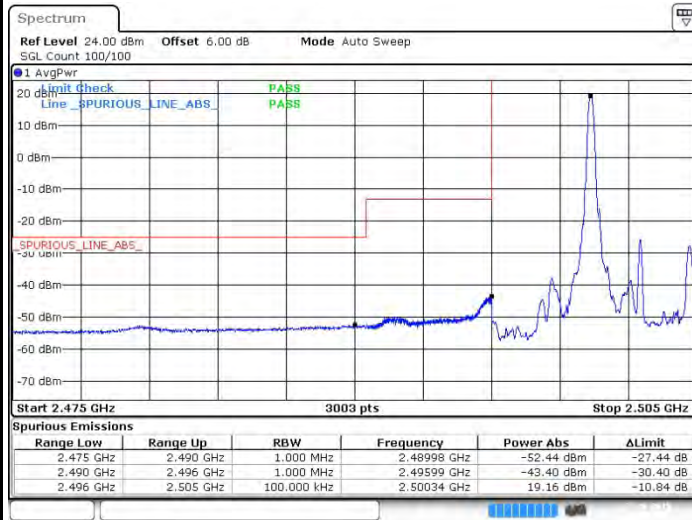




LTE Band 7 / 5MHz / QPSK

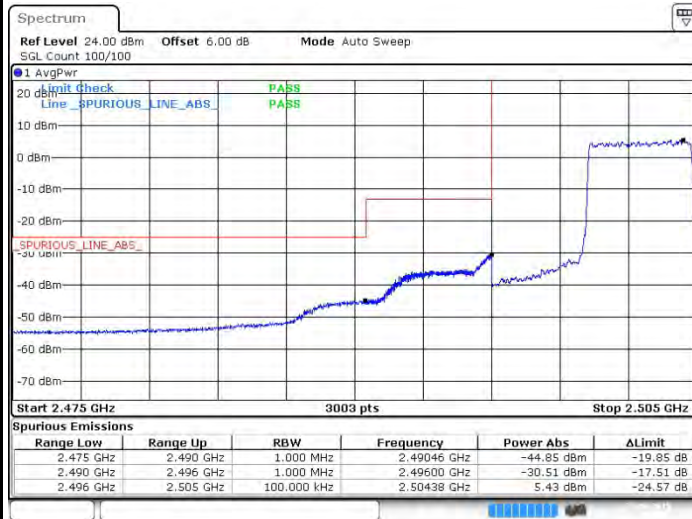
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



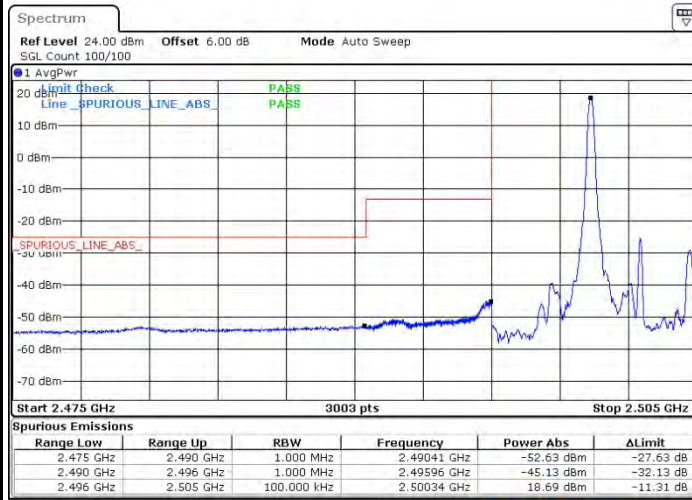
Highest Band Edge / Full RB





LTE Band 7 / 5MHz / 16QAM

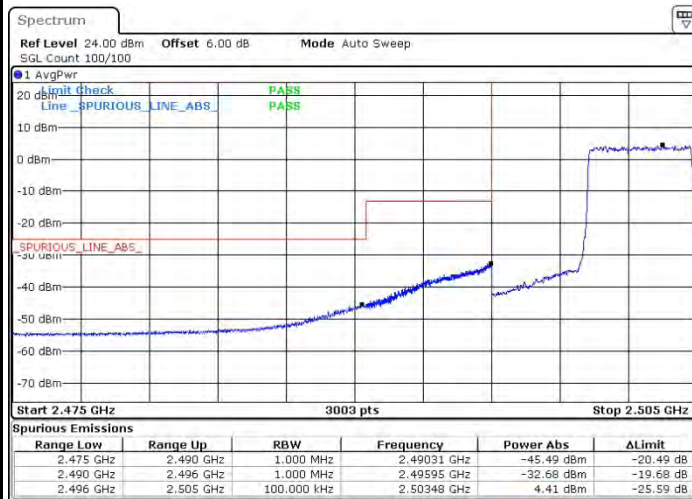
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

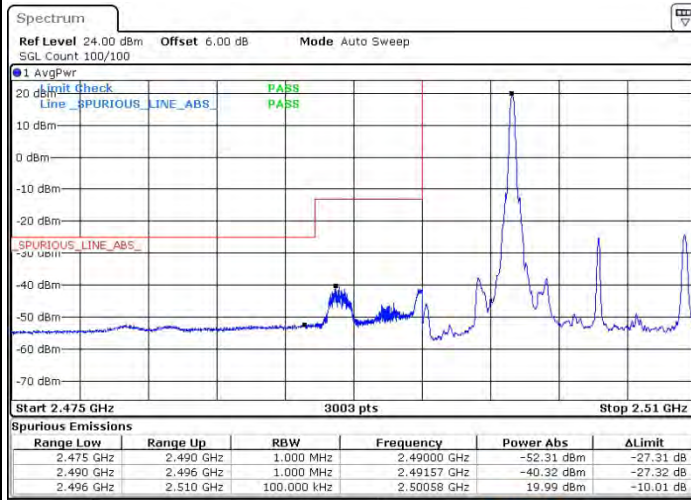




LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 22 JUN 2015 04:25:58



Date: 22 JUN 2015 04:36:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 JUN 2015 04:28:15

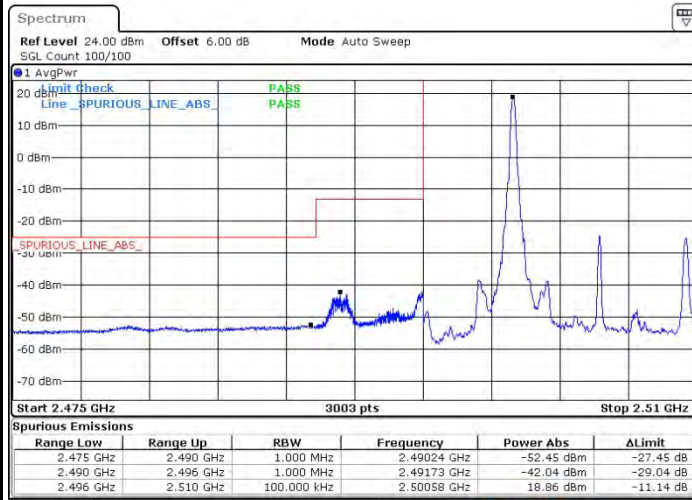


Date: 22 JUN 2015 04:38:58



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



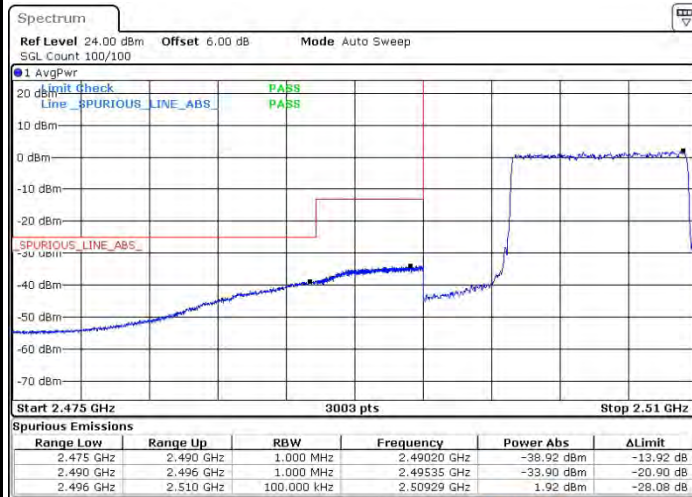
Date: 22 JUN 2015 04:27:07

Highest Band Edge / 1 RB



Date: 22 JUN 2015 04:37:50

Lowest Band Edge / Full RB



Date: 22 JUN 2015 04:29:24

Highest Band Edge / Full RB

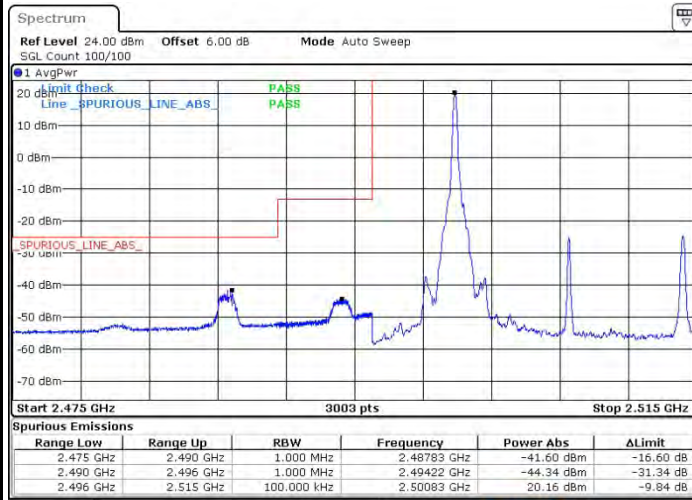


Date: 22 JUN 2015 04:40:07

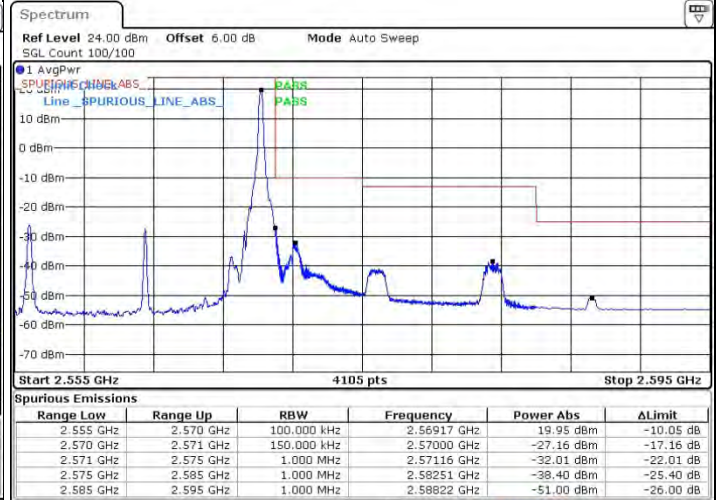


LTE Band 7 / 15MHz / QPSK

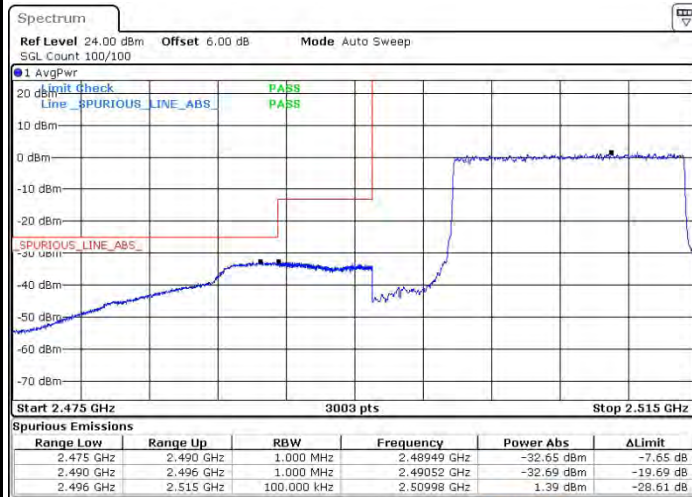
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

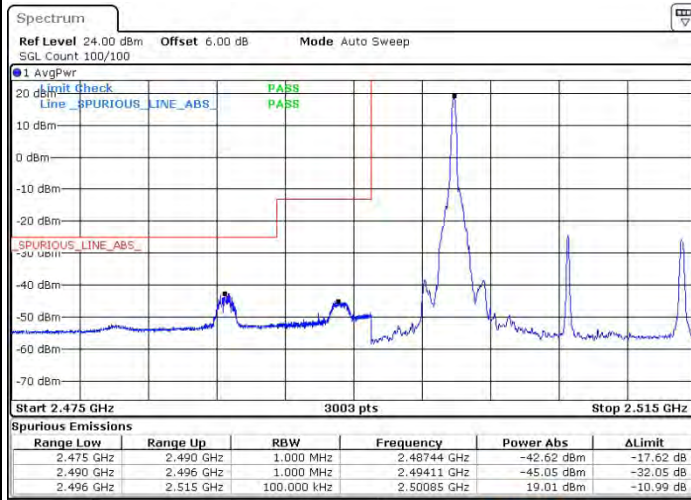




LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



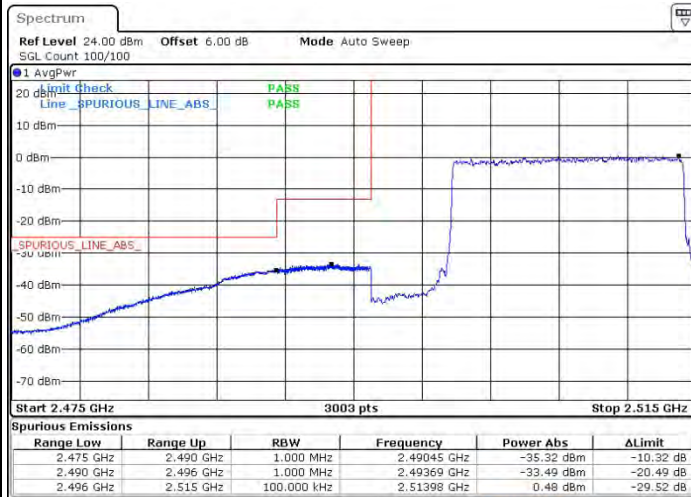
Date: 22 JUN 2015 04:45:28



Date: 22 JUN 2015 04:56:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 JUN 2015 04:47:45

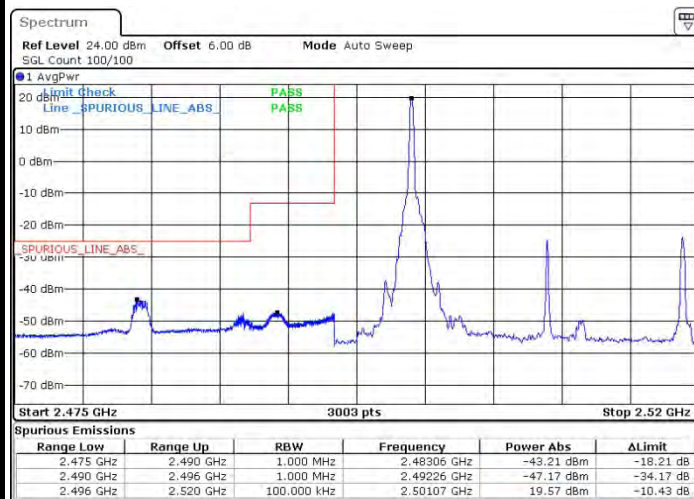


Date: 22 JUN 2015 04:58:27



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



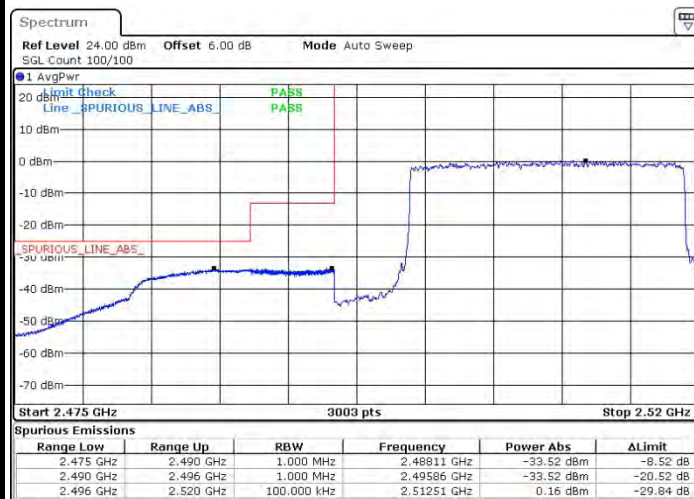
Date: 22 JUN 2015 05:02:41

Highest Band Edge / 1 RB



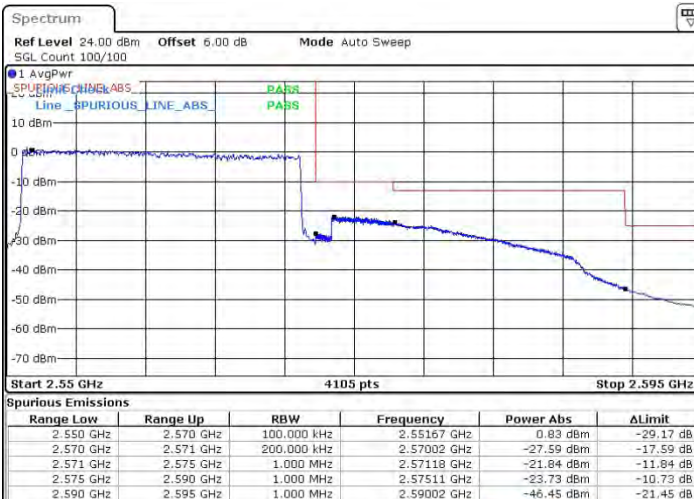
Date: 22 JUN 2015 05:13:23

Lowest Band Edge / Full RB



Date: 22 JUN 2015 06:50:39

Highest Band Edge / Full RB

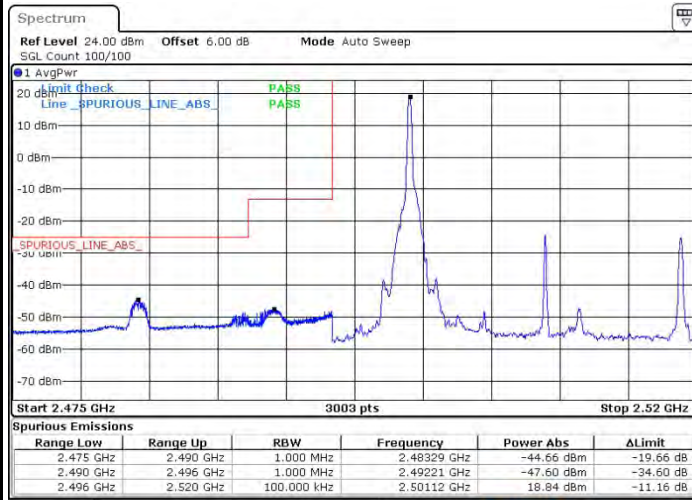


Date: 22 JUN 2015 05:16:49



LTE Band 7 / 20MHz / 16QAM

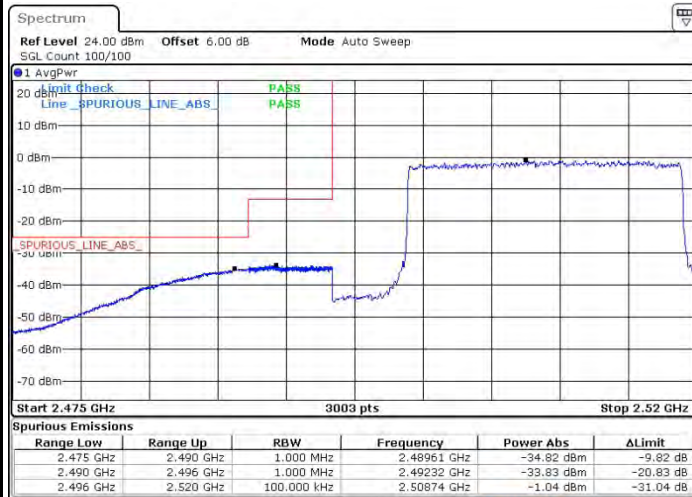
Lowest Band Edge / 1 RB



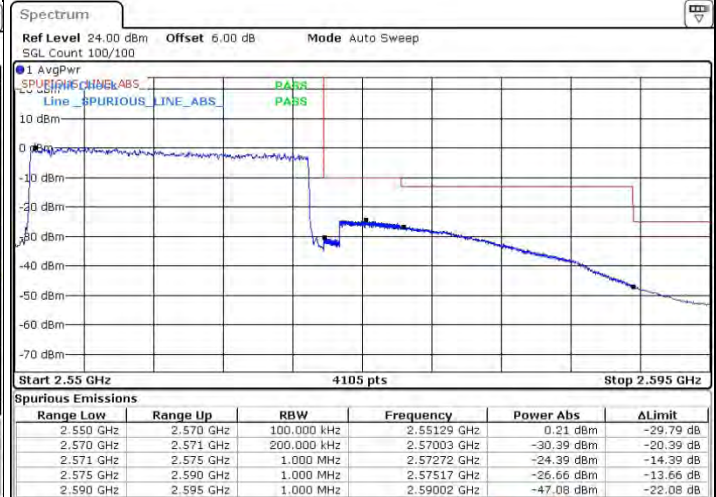
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



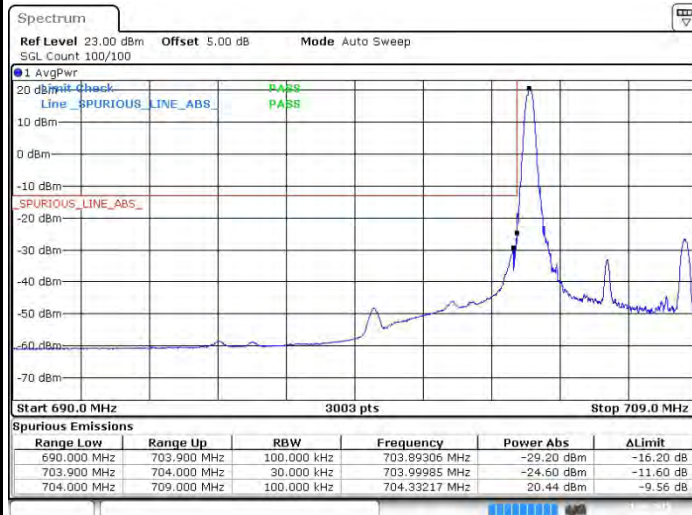
Highest Band Edge / Full RB



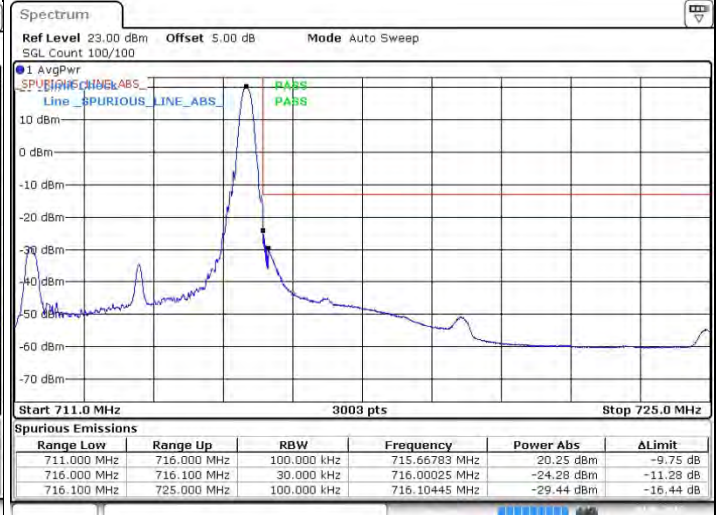


LTE Band 17 / 5MHz / QPSK

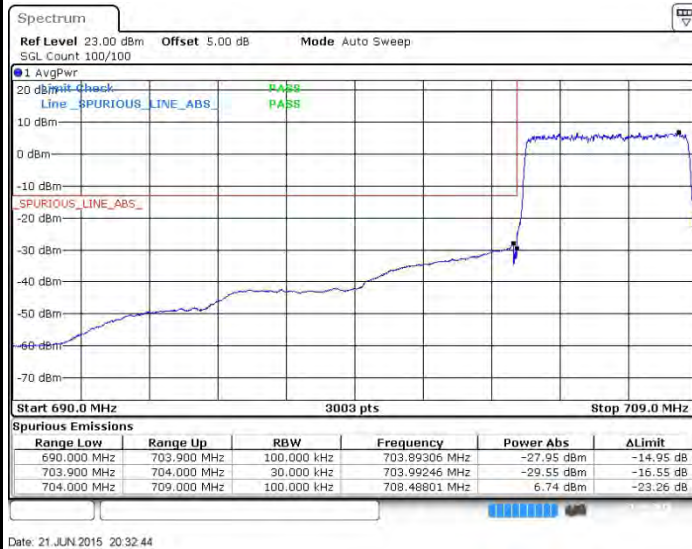
Lowest Band Edge / 1 RB



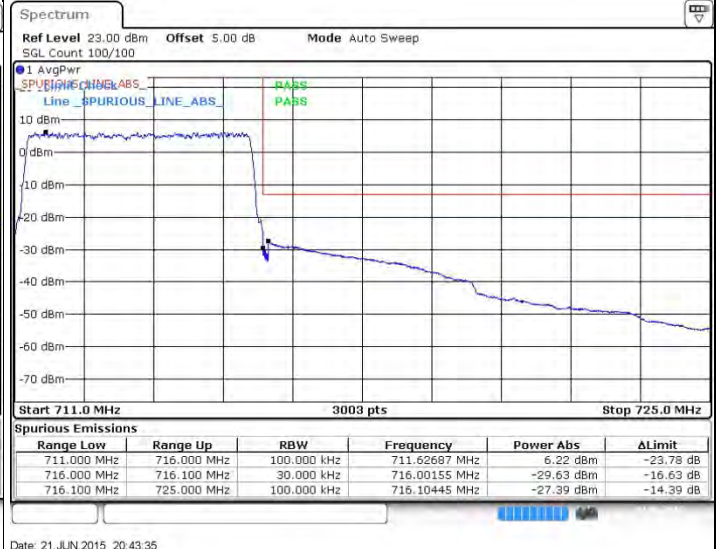
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



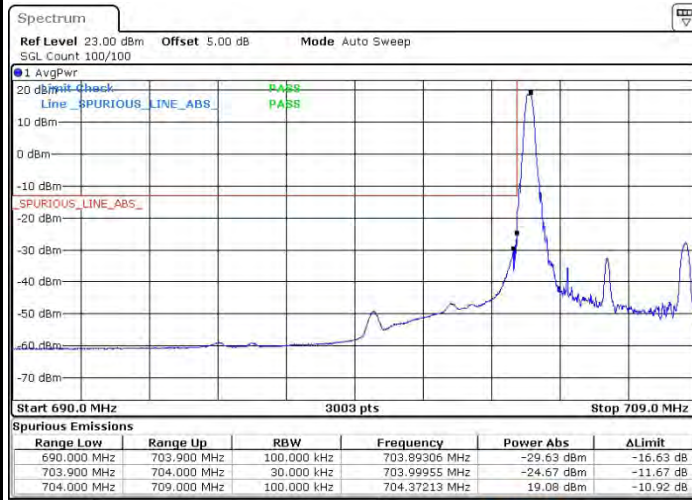
Highest Band Edge / Full RB



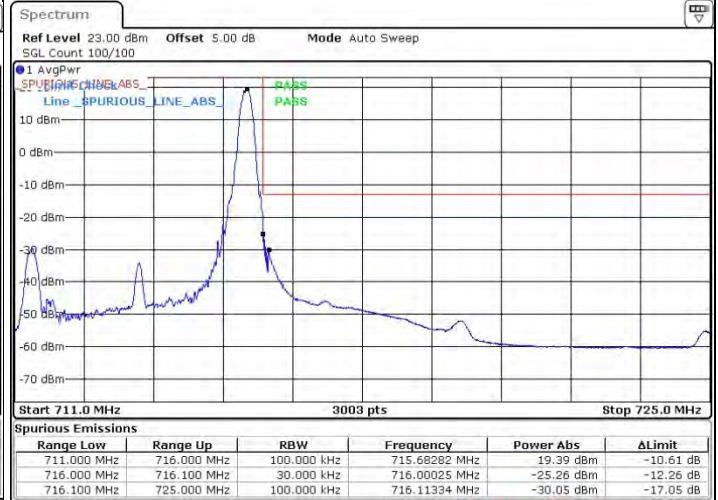


LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



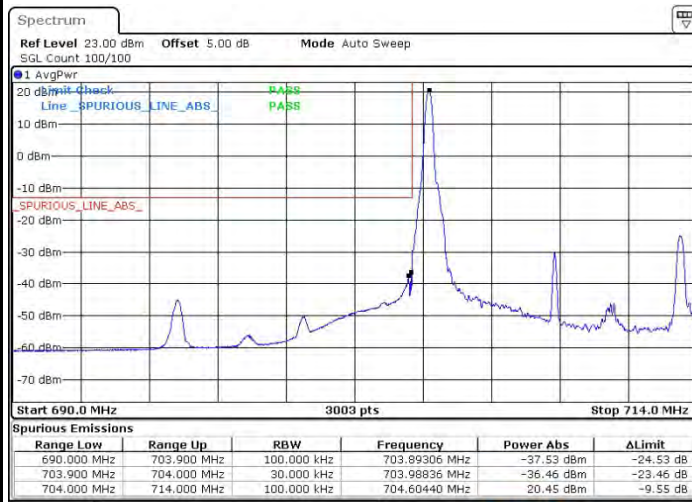
Highest Band Edge / Full RB



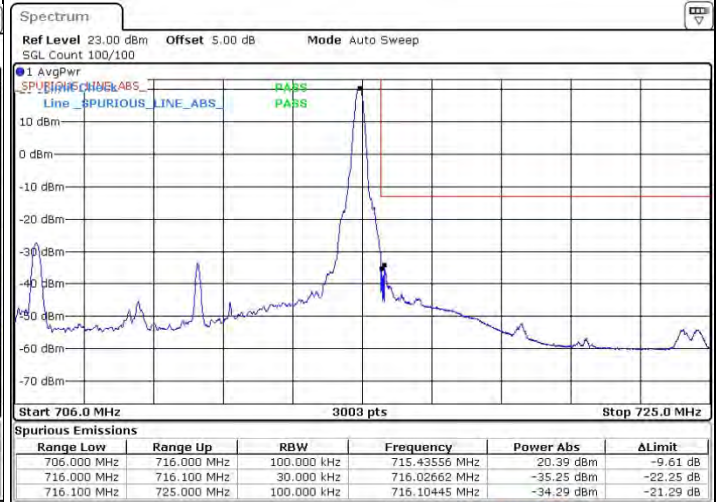


LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



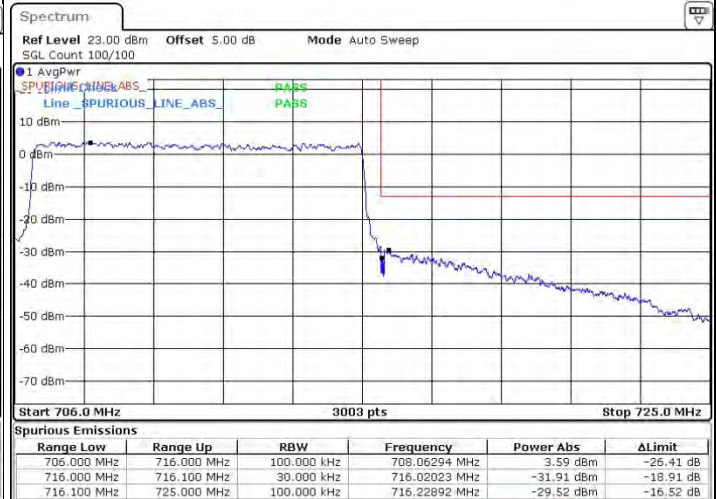
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



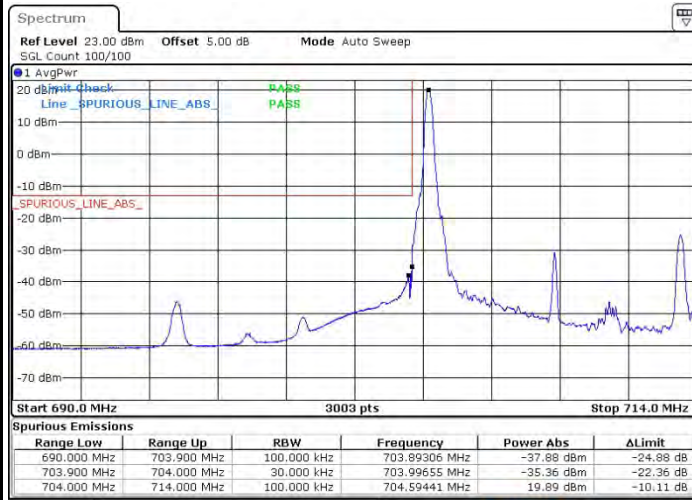
Highest Band Edge / Full RB



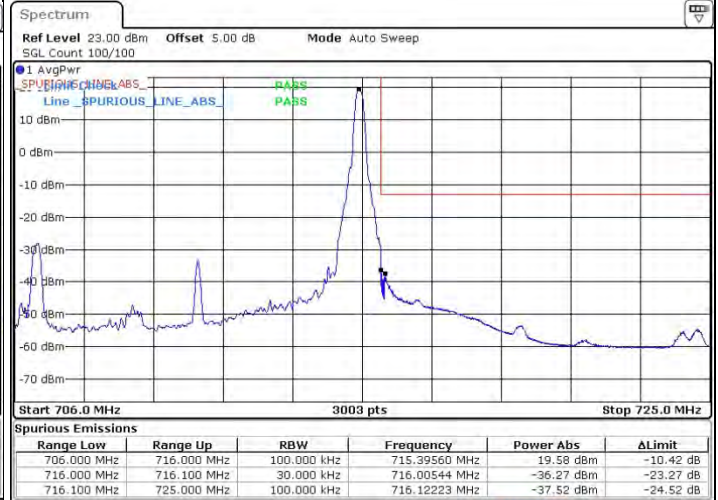


LTE Band 17 / 10MHz / 16QAM

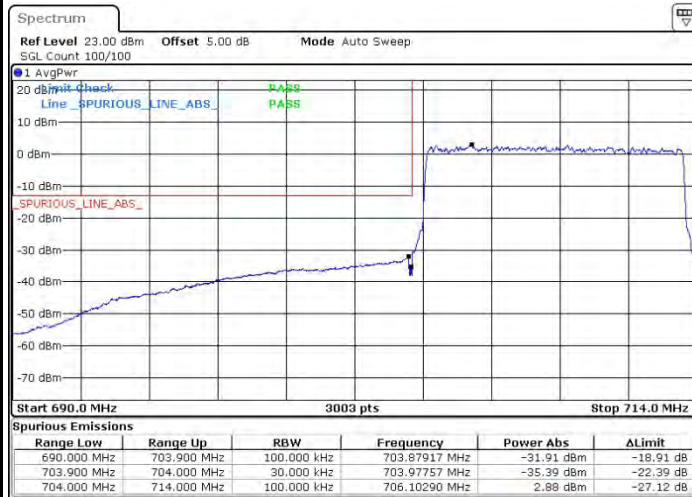
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





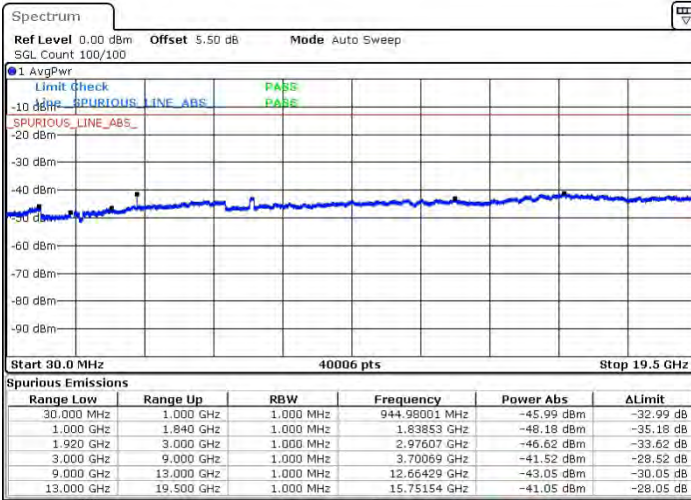
Conducted Spurious Emission



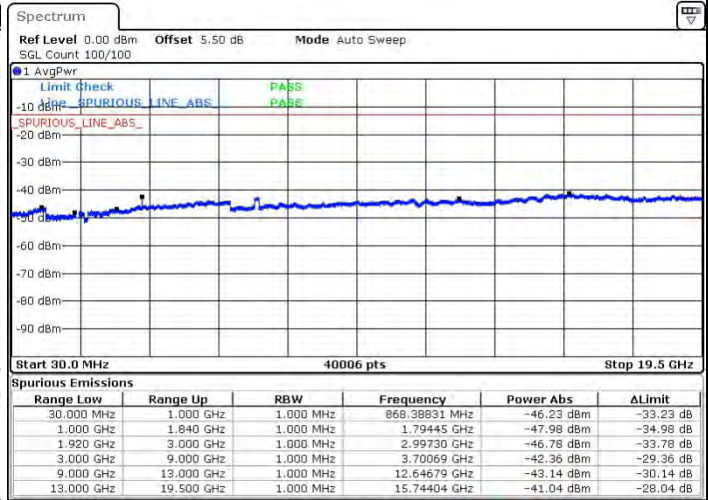
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



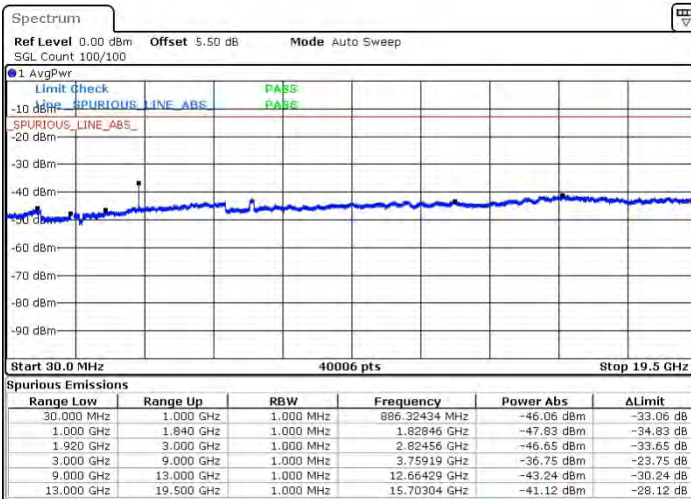
Date: 20 JUN 2015 17:08:26



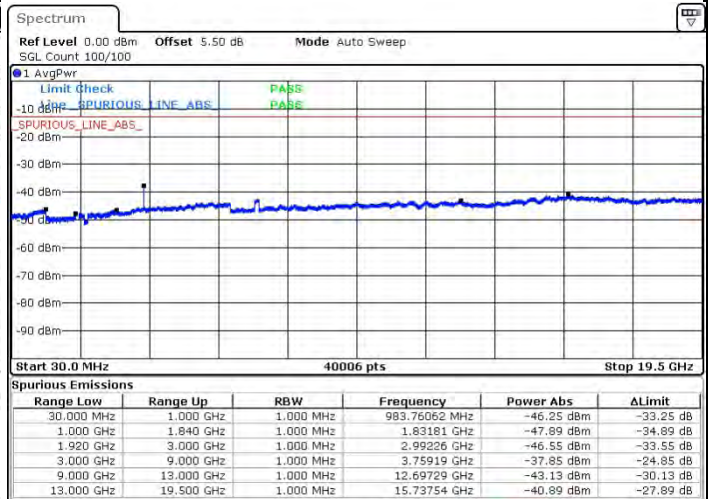
Date: 20 JUN 2015 17:09:37

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 20 JUN 2015 17:11:34



Date: 20 JUN 2015 17:12:45

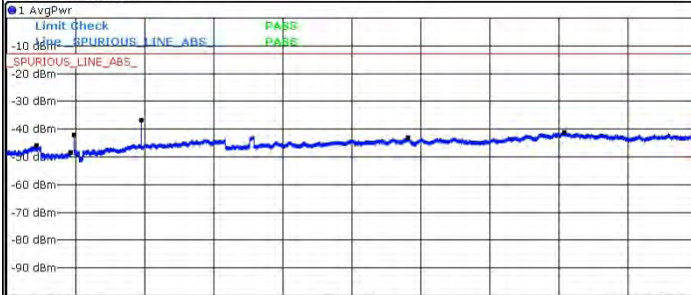


LTE Band 2 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

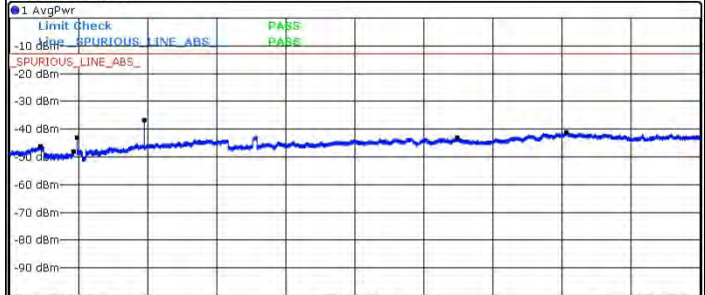
Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-46.05 dBm	-33.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-48.33 dBm	-35.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92810 GHz	-42.17 dBm	-29.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-36.86 dBm	-23.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.33346 GHz	-43.11 dBm	-30.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75654 GHz	-41.30 dBm	-28.30 dB

Date: 20 JUN 2015 17:19:17

Spectrum

Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-46.23 dBm	-33.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81964 GHz	-48.23 dBm	-35.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92810 GHz	-43.19 dBm	-30.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-36.91 dBm	-23.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65979 GHz	-43.10 dBm	-30.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71754 GHz	-41.12 dBm	-28.12 dB

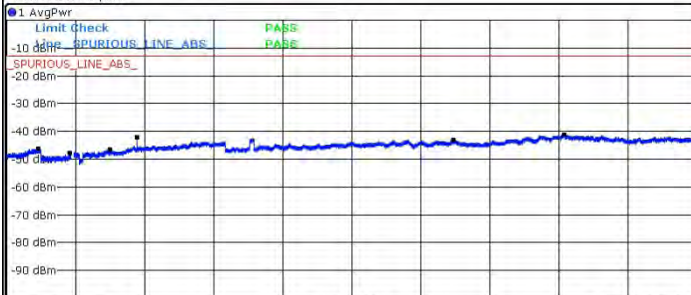
Date: 20 JUN 2015 17:20:28

LTE Band 2 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

Spectrum

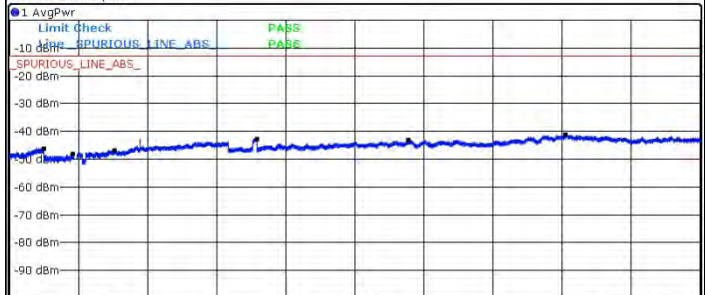
Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.55922 MHz	-46.27 dBm	-33.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-47.75 dBm	-34.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93144 GHz	-46.61 dBm	-33.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63430 GHz	-43.19 dBm	-30.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75154 GHz	-41.12 dBm	-28.12 dB

Date: 20 JUN 2015 17:27:00

Spectrum

Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-46.20 dBm	-33.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-48.26 dBm	-35.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98540 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-42.67 dBm	-29.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25797 GHz	-43.11 dBm	-30.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.69854 GHz	-41.22 dBm	-28.22 dB

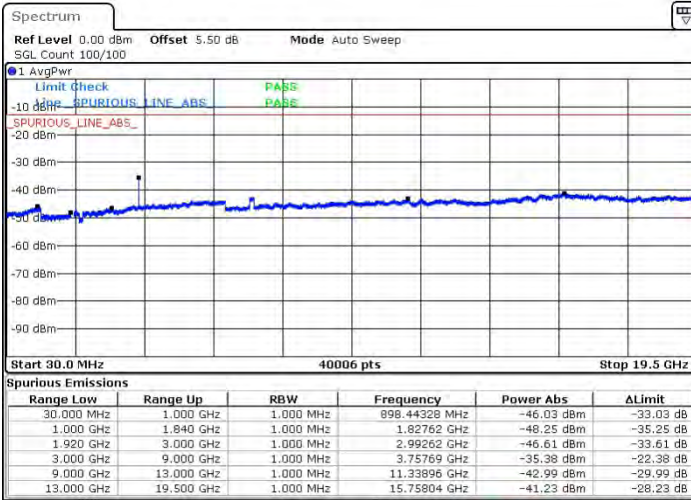
Date: 20 JUN 2015 17:28:11



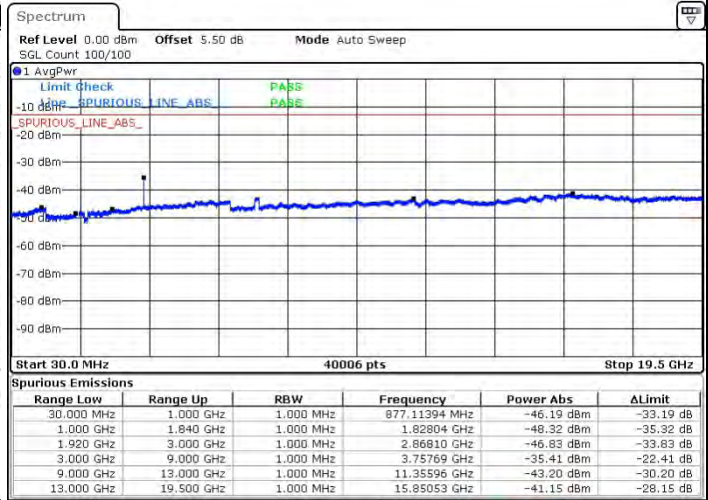
LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



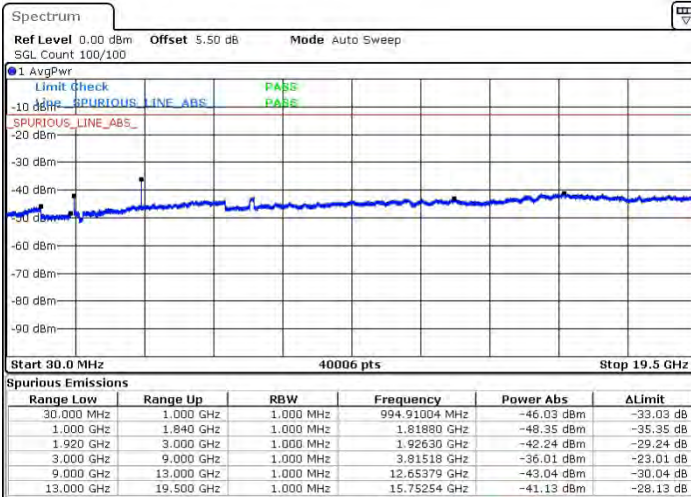
Date: 20 JUN 2015 17:30:08



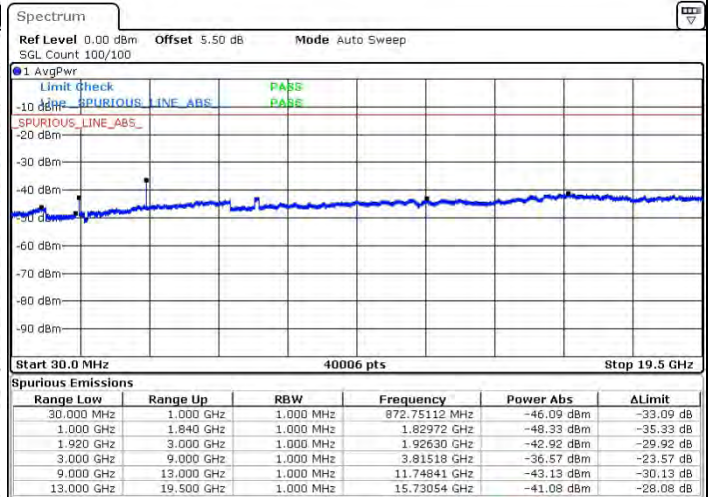
Date: 20 JUN 2015 17:31:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 JUN 2015 17:37:51



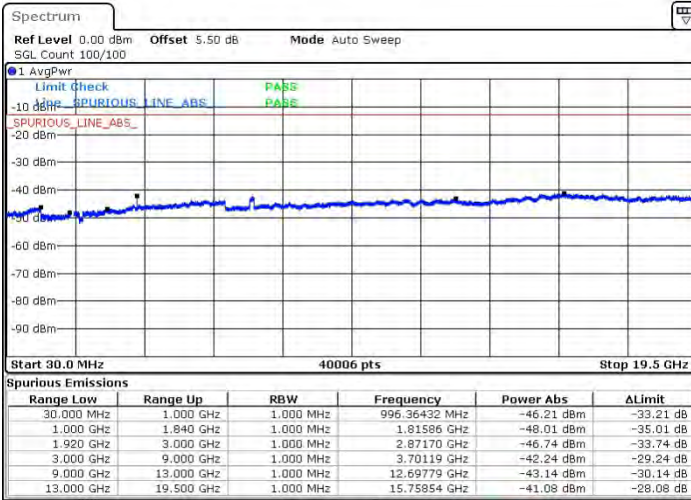
Date: 20 JUN 2015 17:39:01



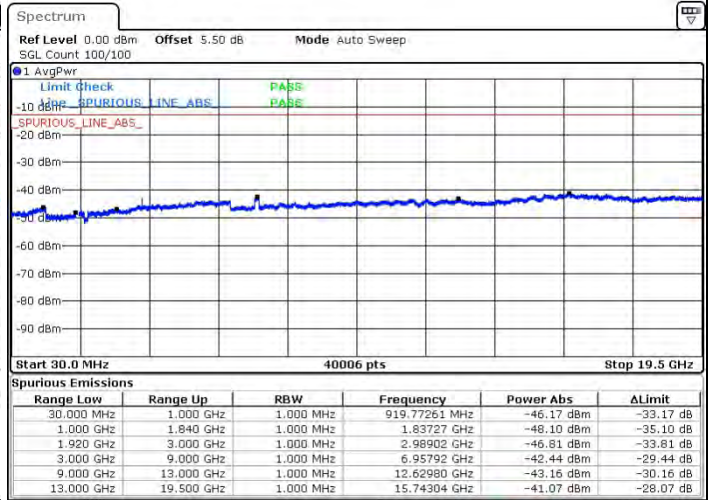
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



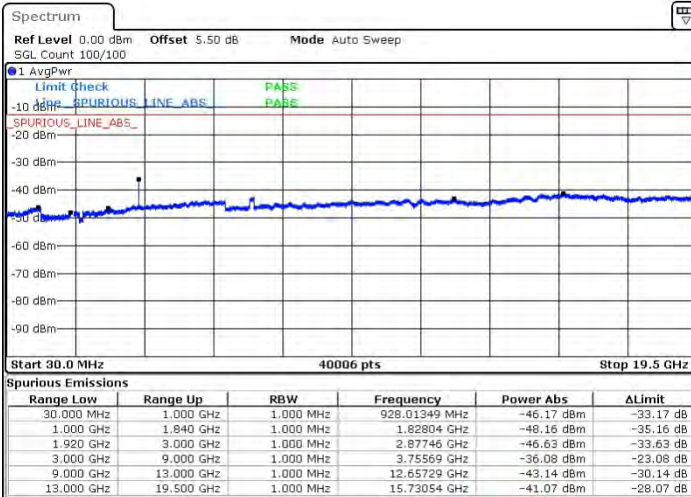
Date: 20 JUN 2015 17:45:33



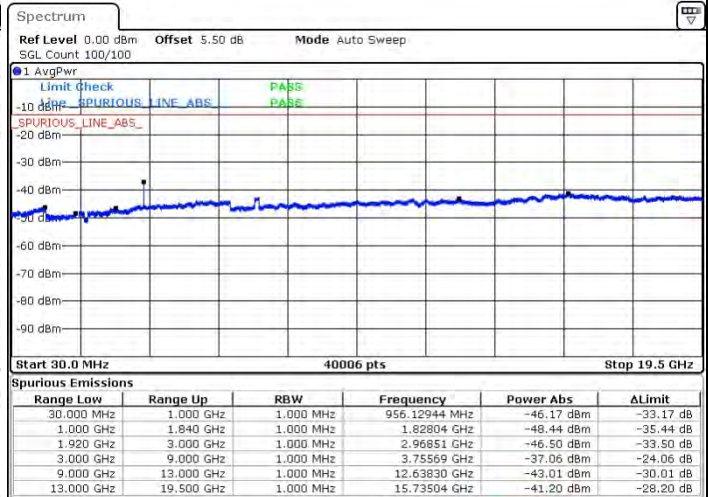
Date: 20 JUN 2015 17:46:44

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 20 JUN 2015 17:48:42

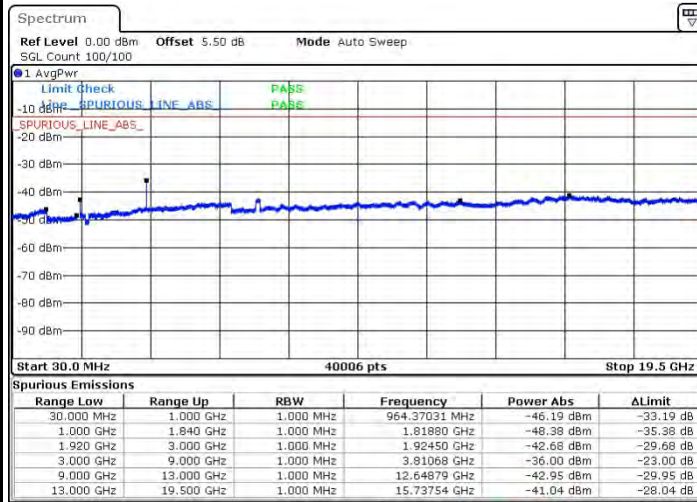


Date: 20 JUN 2015 17:49:52



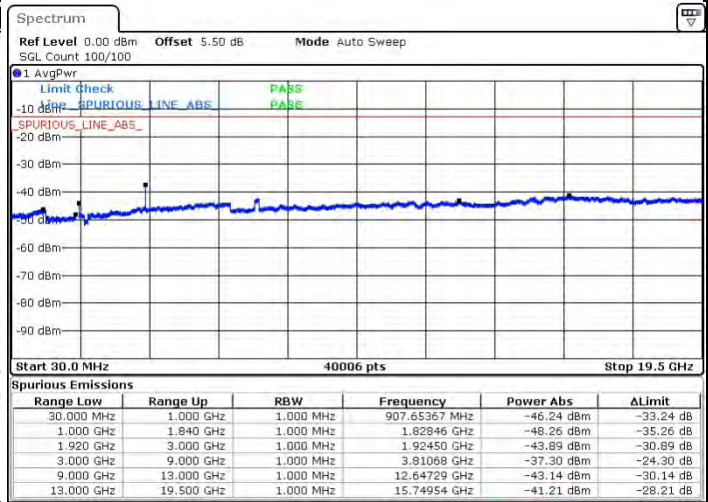
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 20 JUN 2015 17:56:24

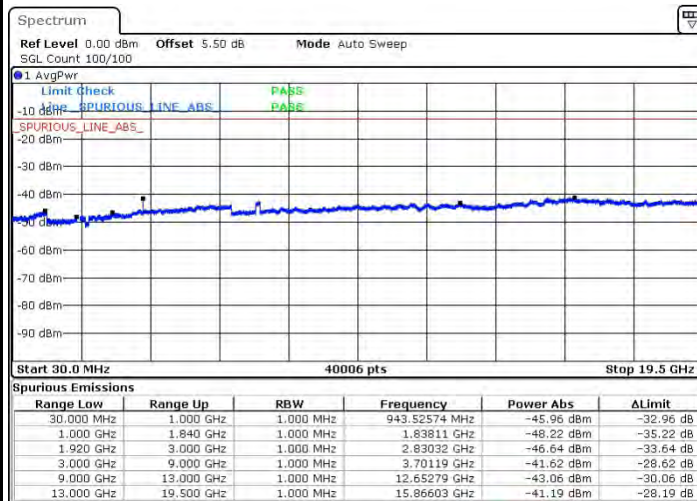
Highest Channel / 16QAM



Date: 20 JUN 2015 17:57:35

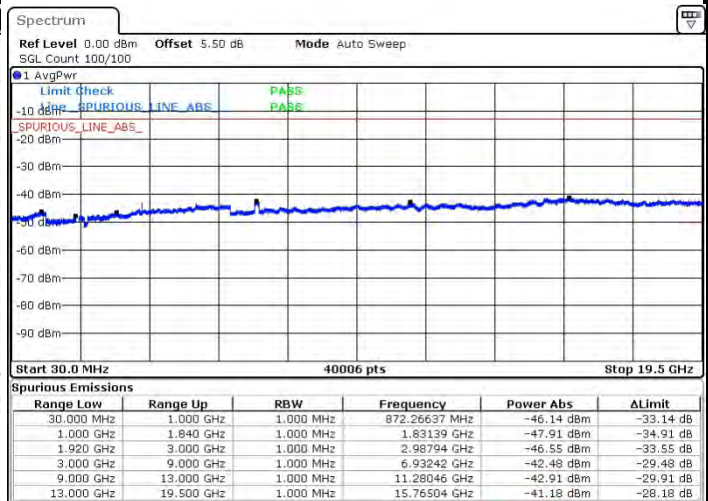
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 20 JUN 2015 18:04:07

Lowest Channel / 16QAM



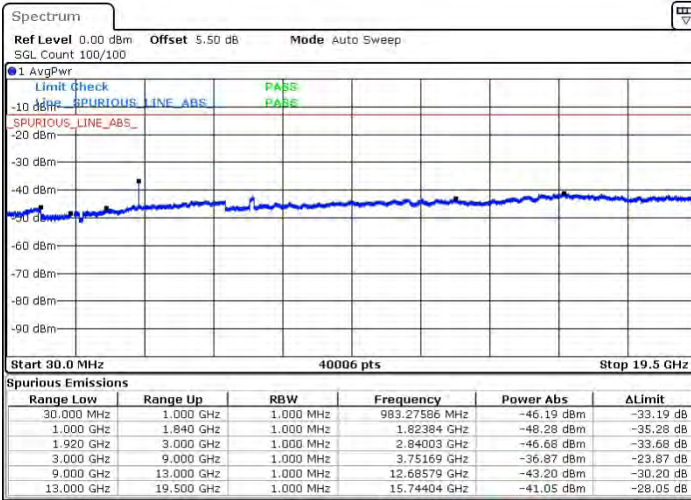
Date: 20 JUN 2015 18:05:18



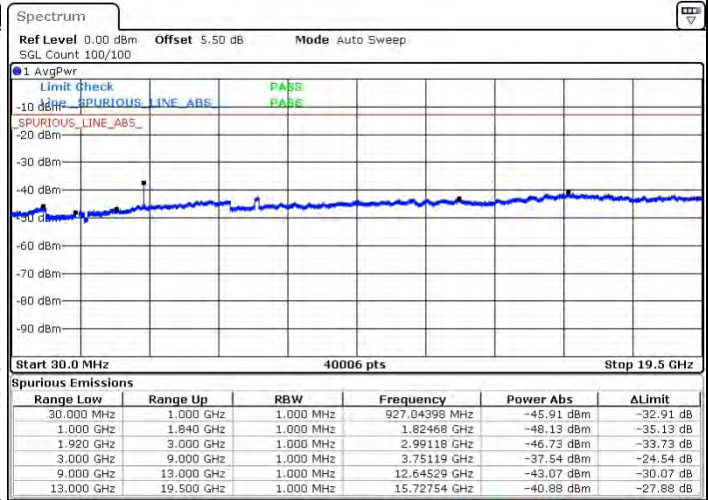
LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



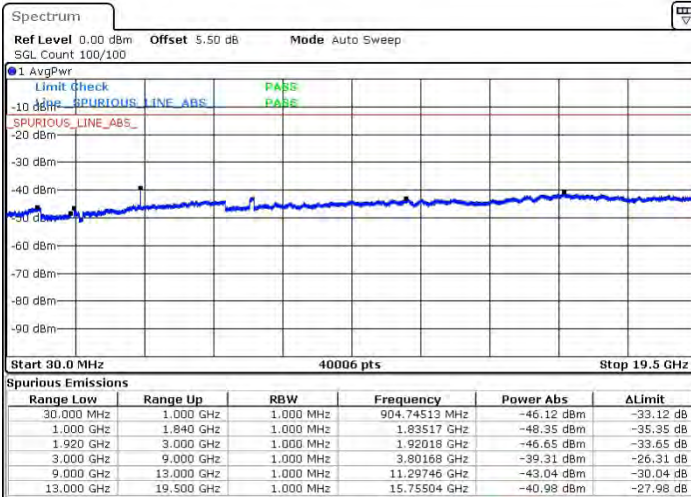
Date: 20 JUN 2015 18:07:15



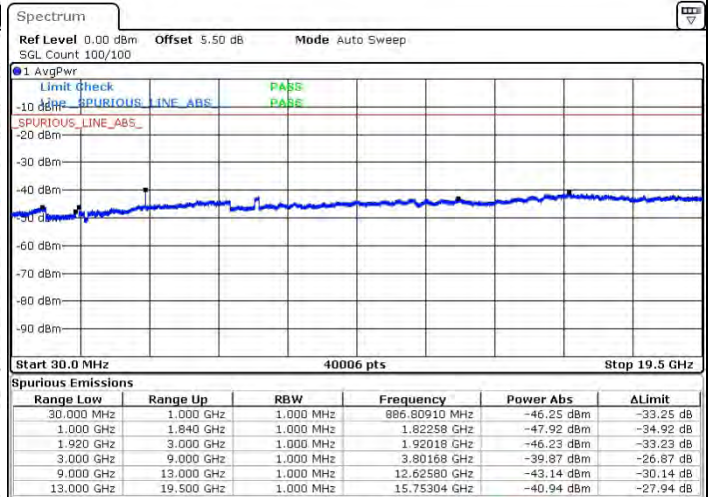
Date: 20 JUN 2015 18:08:26

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 JUN 2015 18:14:58

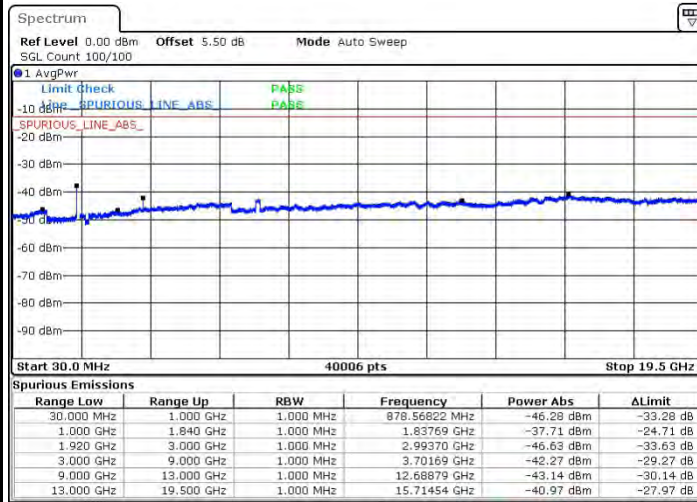


Date: 20 JUN 2015 18:16:09



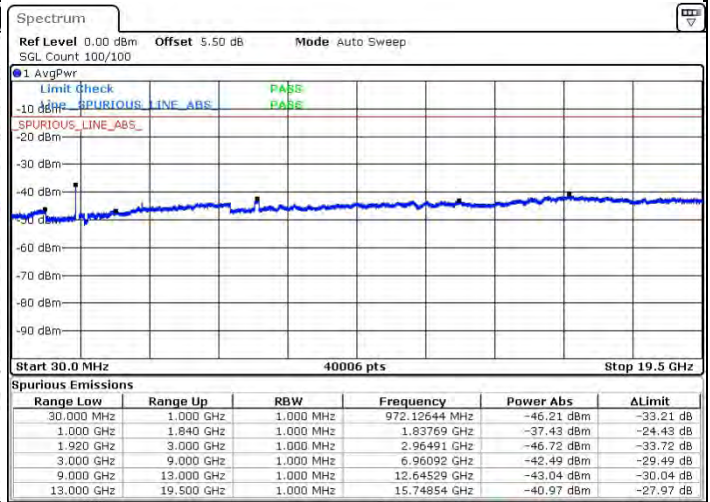
LTE Band 2 / 15MHz

Lowest Channel / QPSK



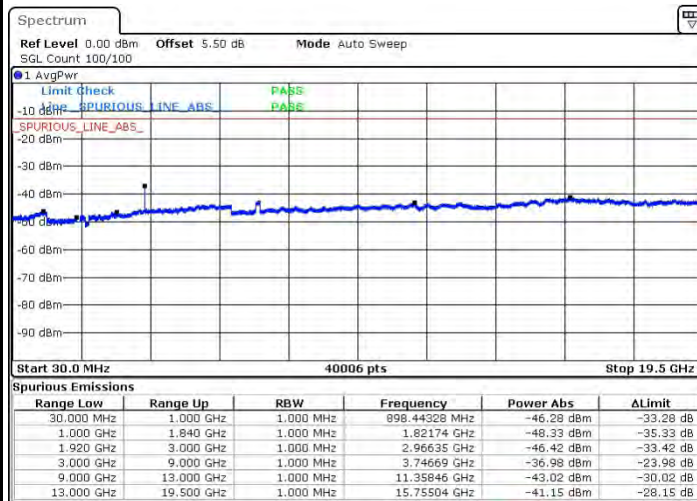
Date: 20 JUN 2015 18:22:41

Lowest Channel / 16QAM



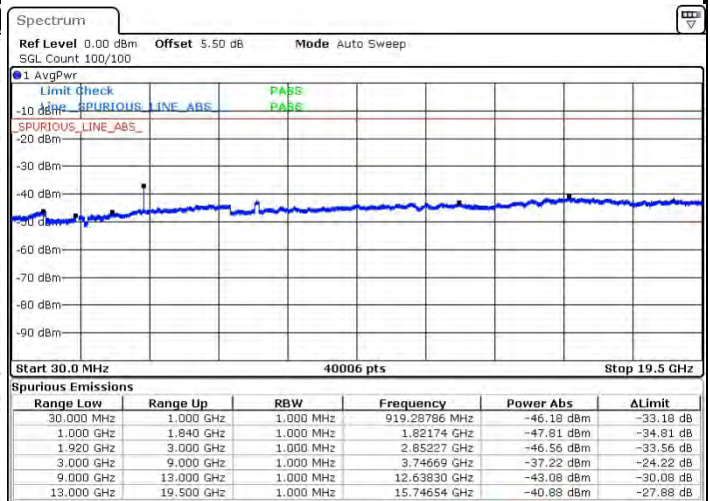
Date: 20 JUN 2015 18:23:51

Middle Channel / QPSK



Date: 20 JUN 2015 18:25:49

Middle Channel / 16QAM



Date: 20 JUN 2015 18:27:00

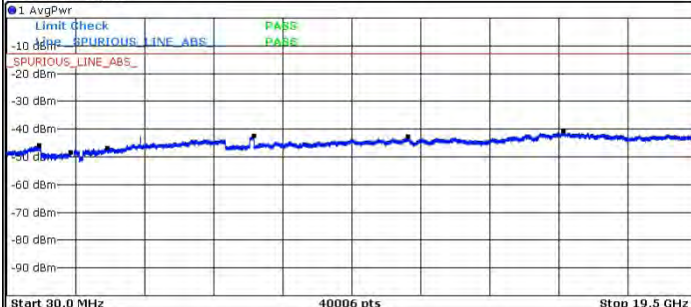


LTE Band 2 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

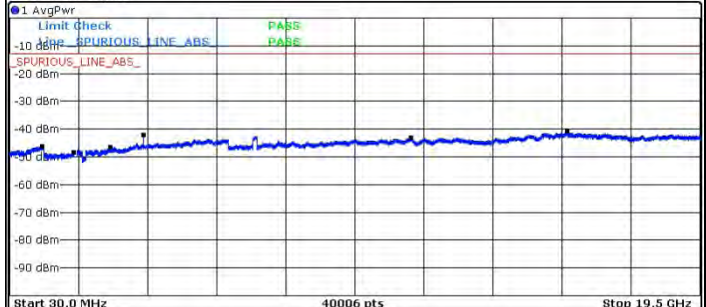
Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40390 MHz	-46.01 dBm	-33.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-48.33 dBm	-35.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85731 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-42.48 dBm	-29.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34346 GHz	-42.86 dBm	-29.86 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72404 GHz	-40.82 dBm	-27.82 dB

Date: 20 JUN 2015 18:33:31

Spectrum

Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-46.07 dBm	-33.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82006 GHz	-48.31 dBm	-35.31 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86163 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34796 GHz	-43.04 dBm	-30.04 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74804 GHz	-40.96 dBm	-27.96 dB

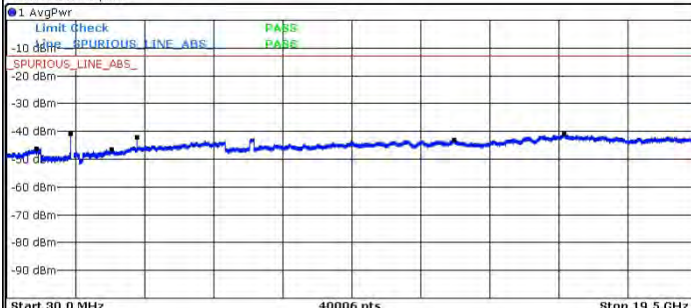
Date: 20 JUN 2015 18:34:42

LTE Band 2 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

Spectrum

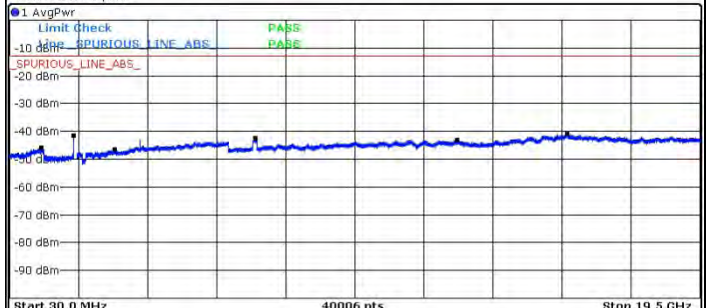
Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-46.16 dBm	-33.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-40.94 dBm	-27.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98291 GHz	-46.44 dBm	-33.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70269 GHz	-42.21 dBm	-29.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65579 GHz	-43.11 dBm	-30.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75104 GHz	-40.85 dBm	-27.85 dB

Date: 20 JUN 2015 18:41:14

Spectrum

Ref Level 0.00 dBm Offset 5.50 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-46.04 dBm	-33.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-41.44 dBm	-28.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99010 GHz	-46.68 dBm	-33.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95792 GHz	-42.39 dBm	-29.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63880 GHz	-43.15 dBm	-30.15 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75354 GHz	-40.84 dBm	-27.84 dB

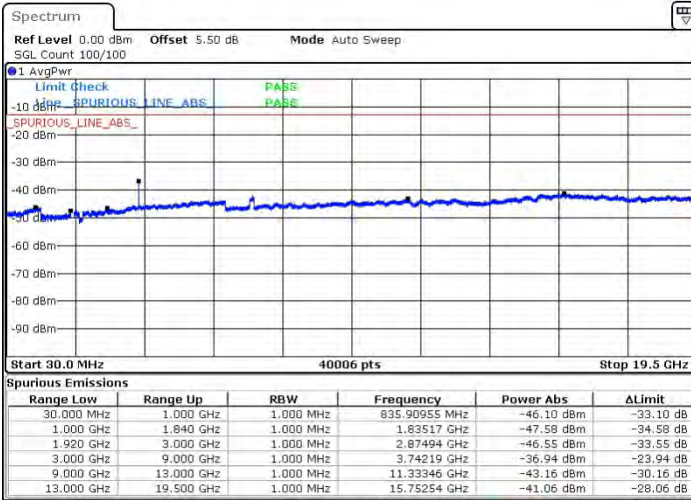
Date: 20 JUN 2015 18:42:25



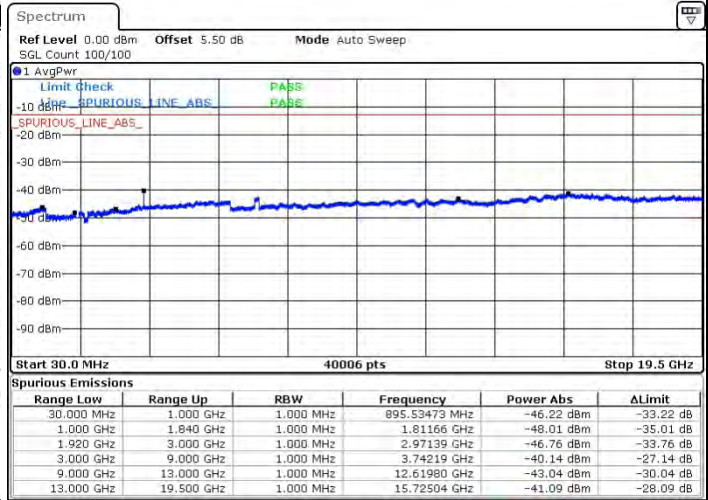
LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



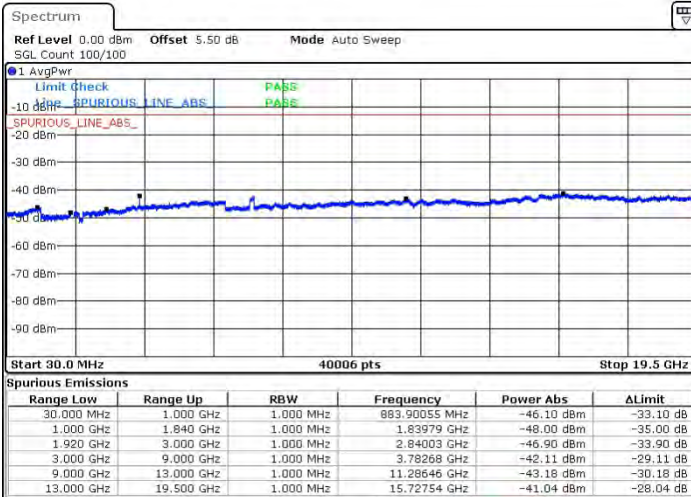
Date: 20 JUN 2015 18:44:23



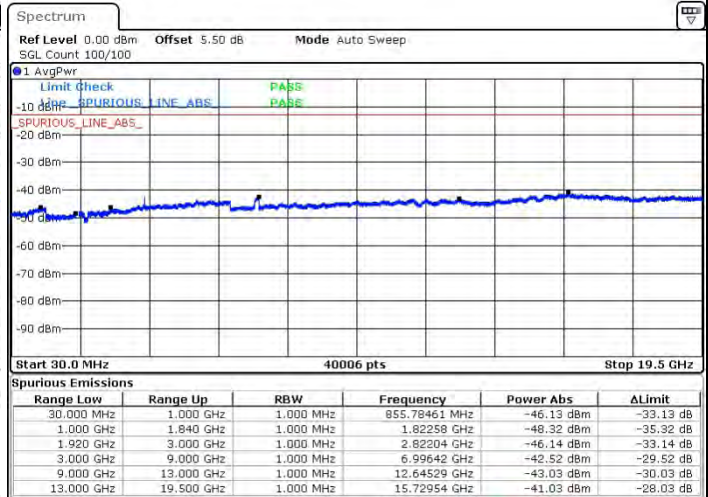
Date: 20 JUN 2015 18:45:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 JUN 2015 18:59:49



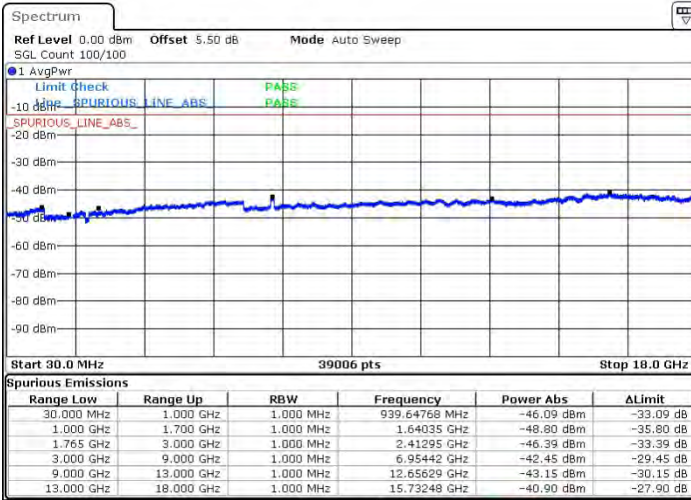
Date: 20 JUN 2015 19:01:00



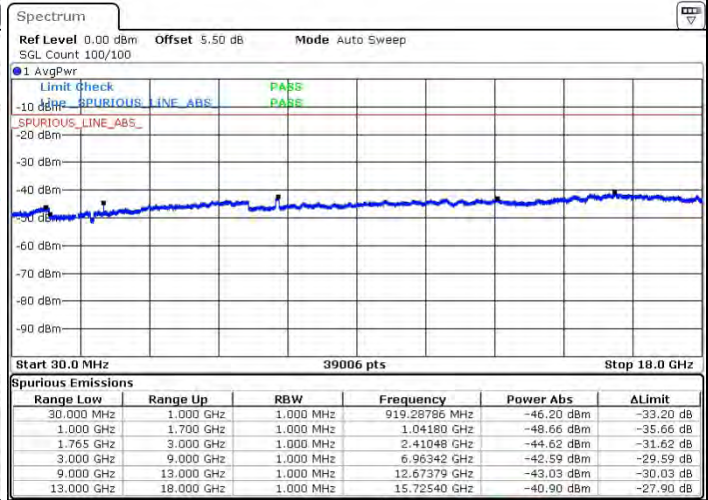
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



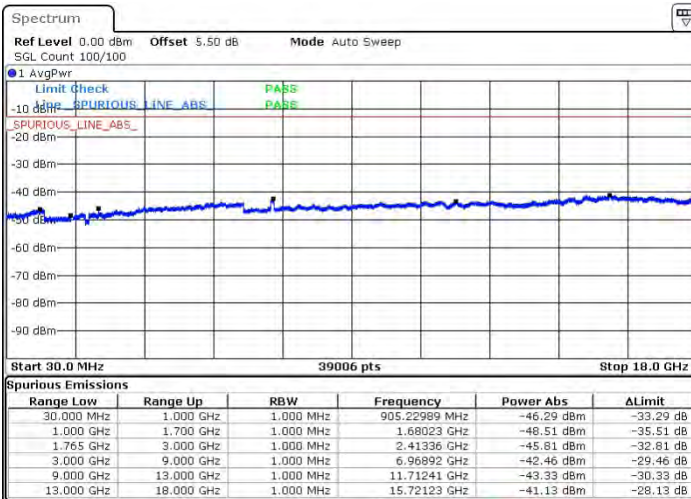
Date: 21 JUN 2015 09:07:33



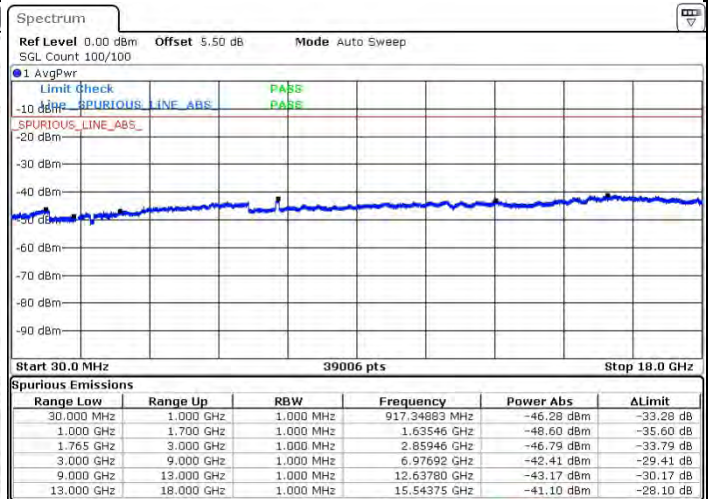
Date: 21 JUN 2015 09:08:44

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21 JUN 2015 09:10:41



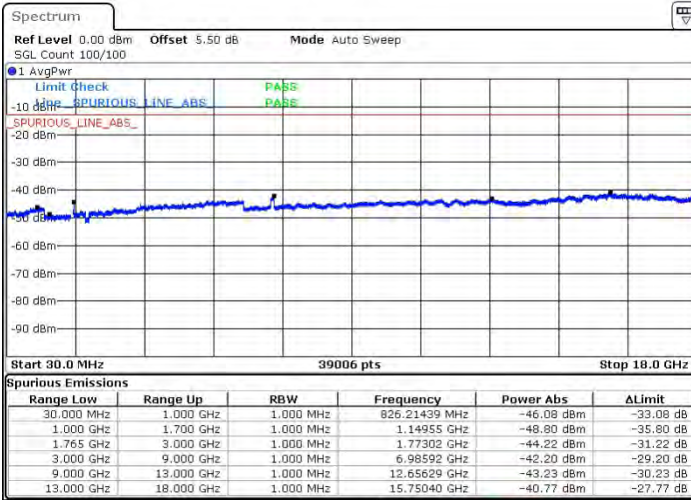
Date: 21 JUN 2015 09:11:52



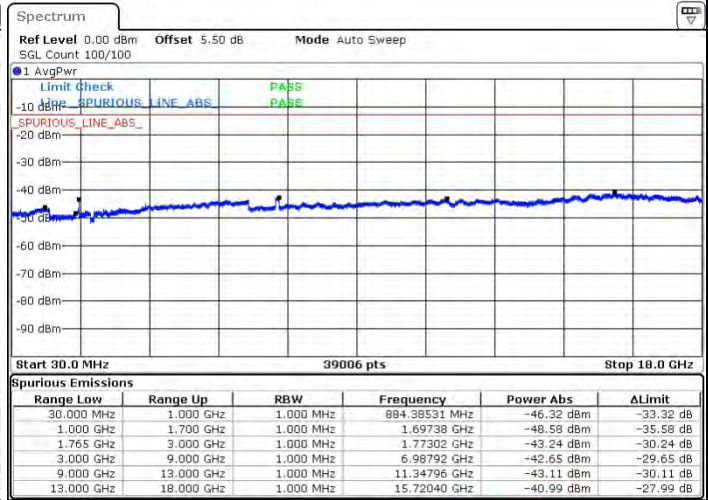
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 09:18:24

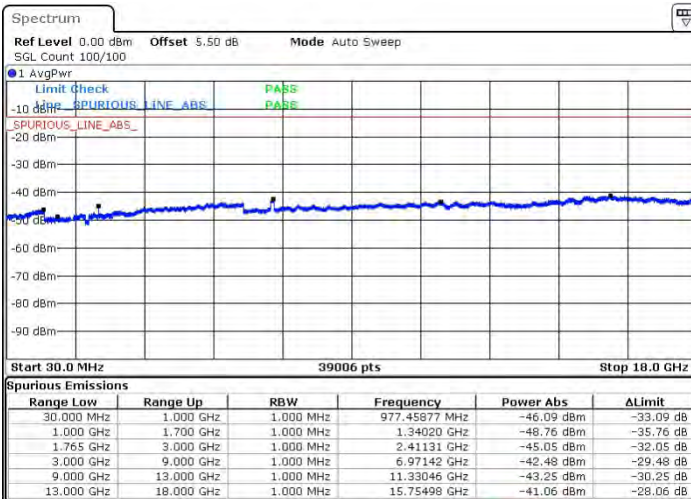


Date: 21 JUN 2015 09:19:35

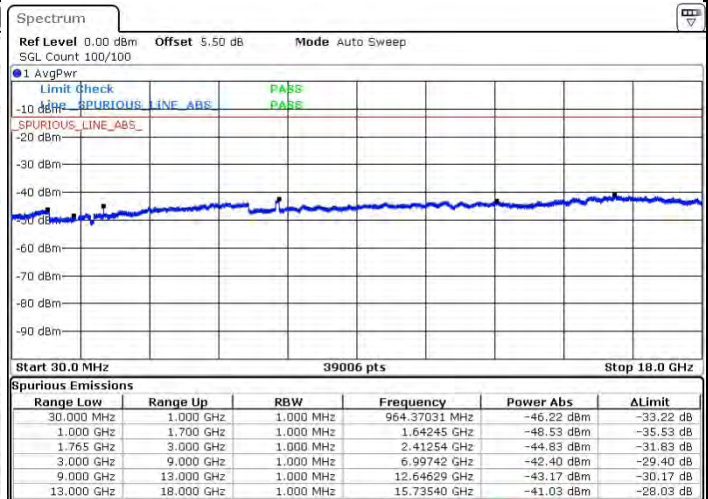
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 21 JUN 2015 09:26:07



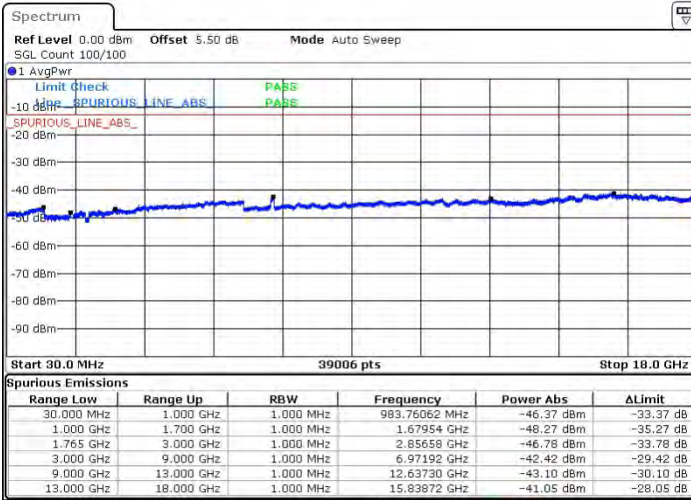
Date: 21 JUN 2015 09:27:18



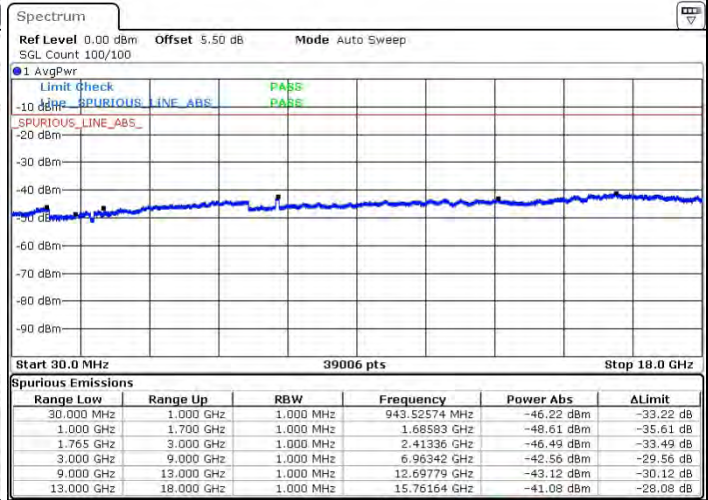
LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



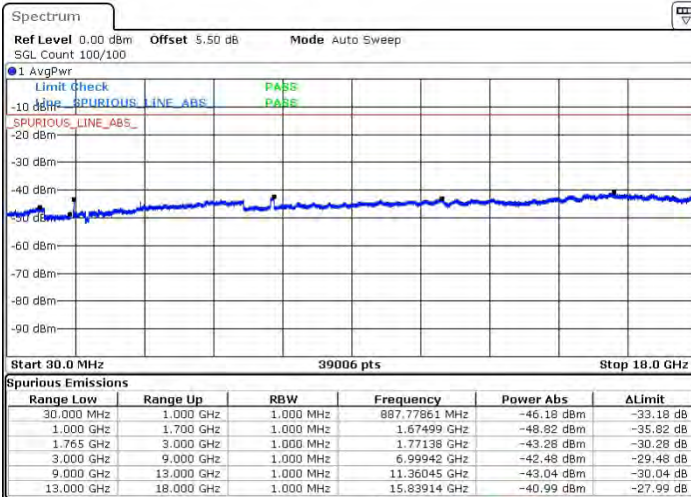
Date: 21 JUN 2015 09:29:16



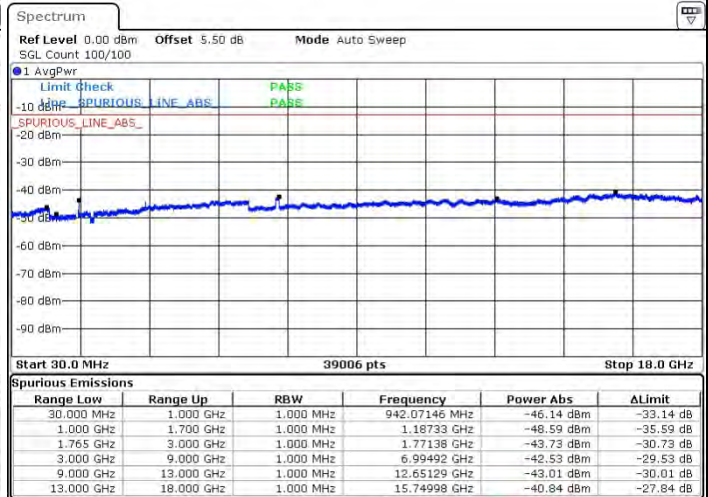
Date: 21 JUN 2015 09:30:26

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 09:37:01



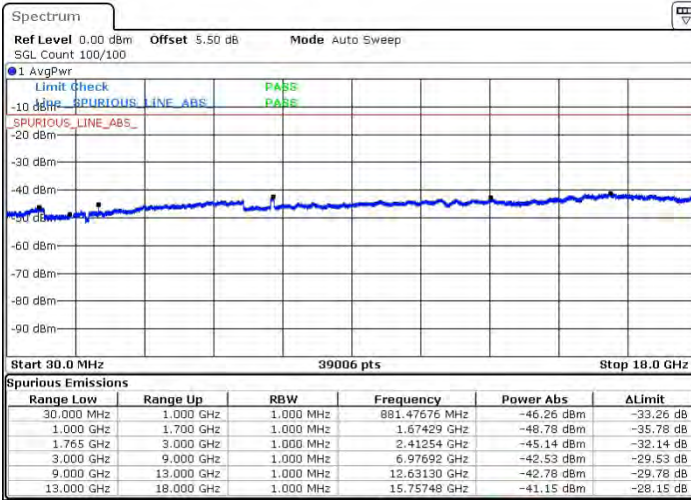
Date: 21 JUN 2015 09:38:12



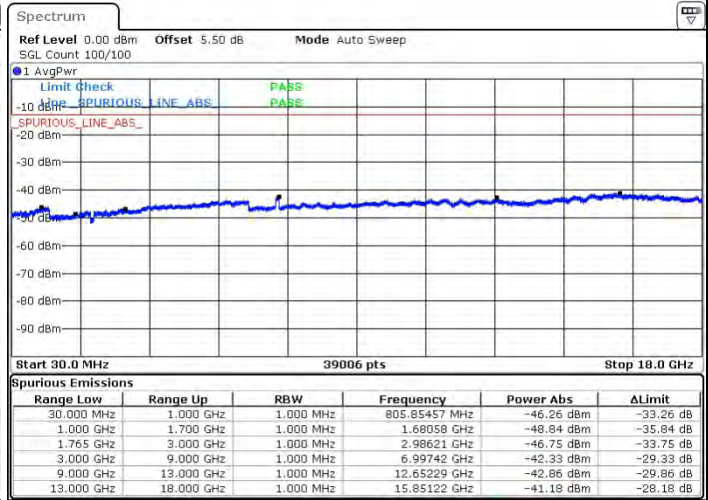
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



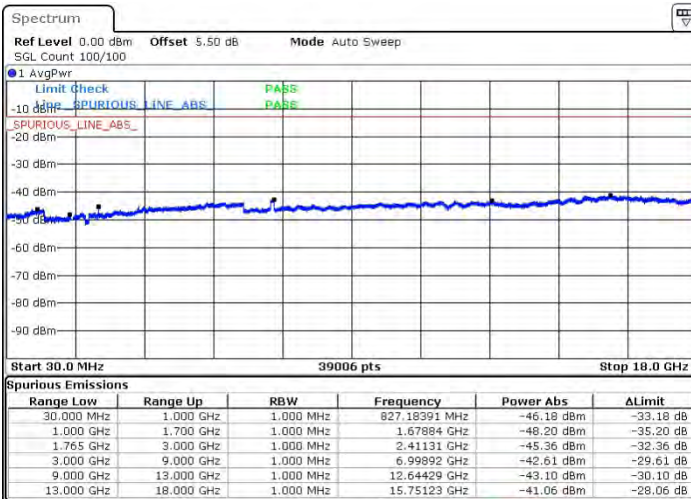
Date: 21 JUN 2015 09:44:45



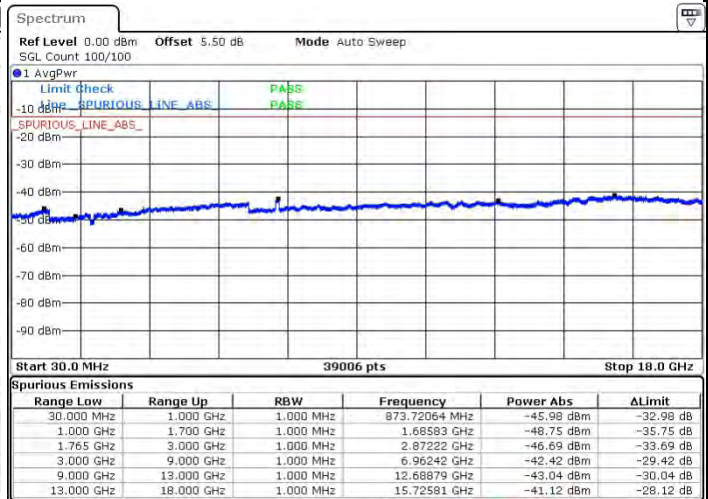
Date: 21 JUN 2015 09:45:56

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21 JUN 2015 09:47:53



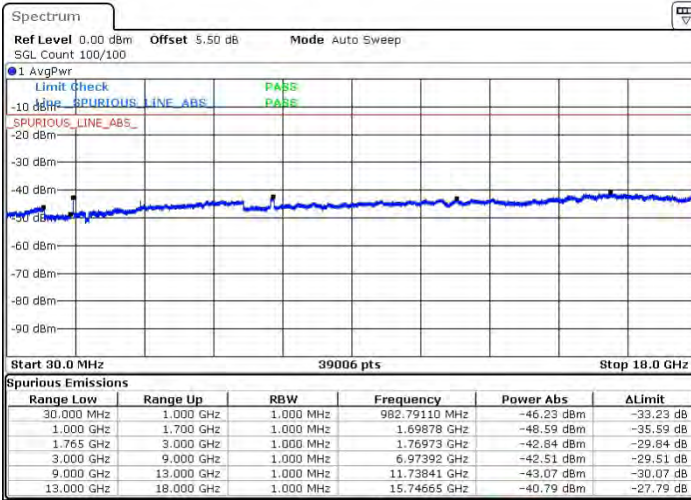
Date: 21 JUN 2015 09:49:04



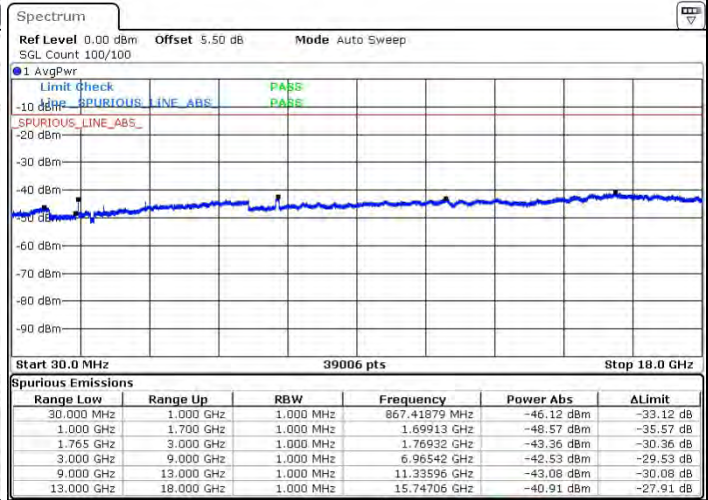
LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 09:55:36

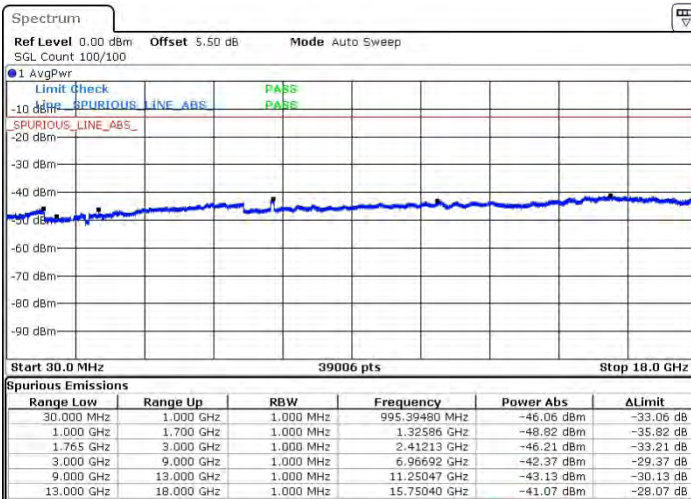


Date: 21 JUN 2015 09:56:47

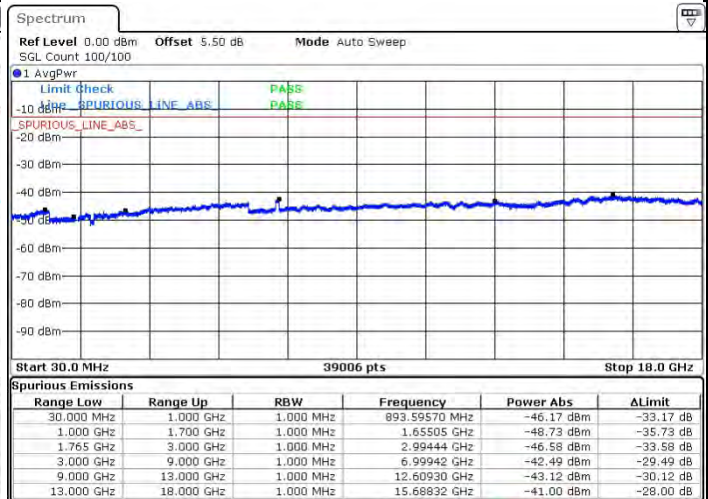
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 21 JUN 2015 10:03:18



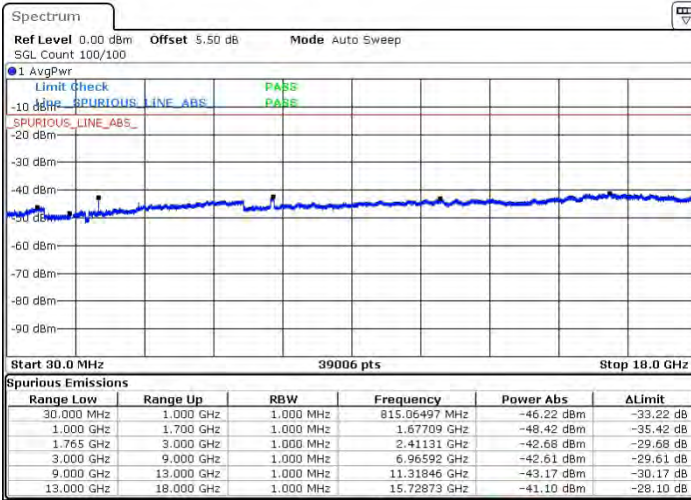
Date: 21 JUN 2015 10:04:29



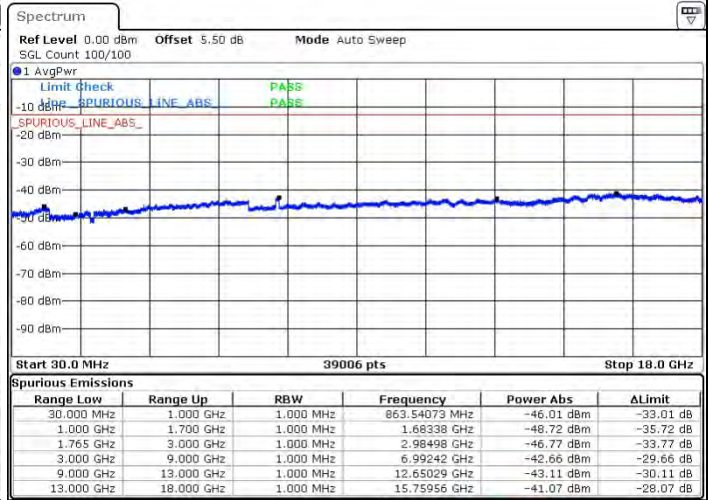
LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



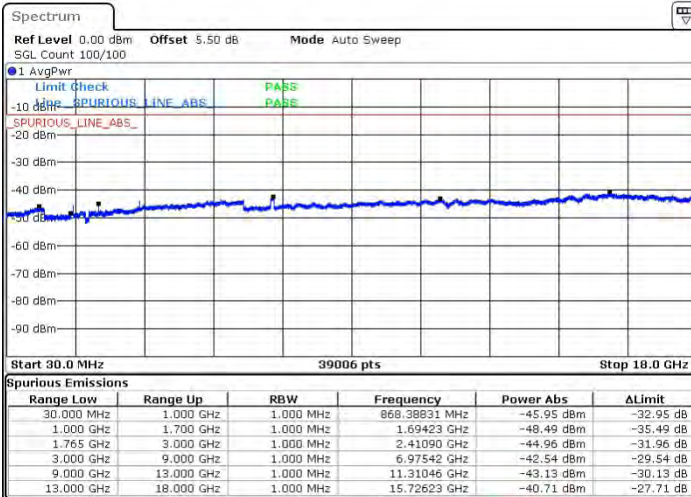
Date: 21 JUN 2015 10:06:27



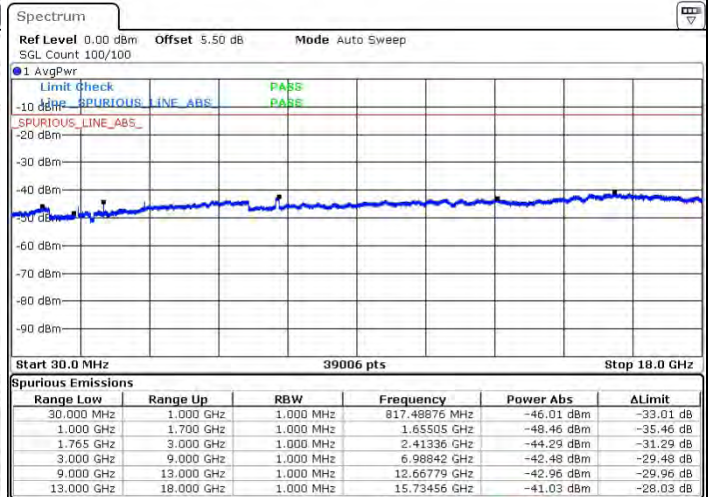
Date: 21 JUN 2015 10:07:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 10:14:20



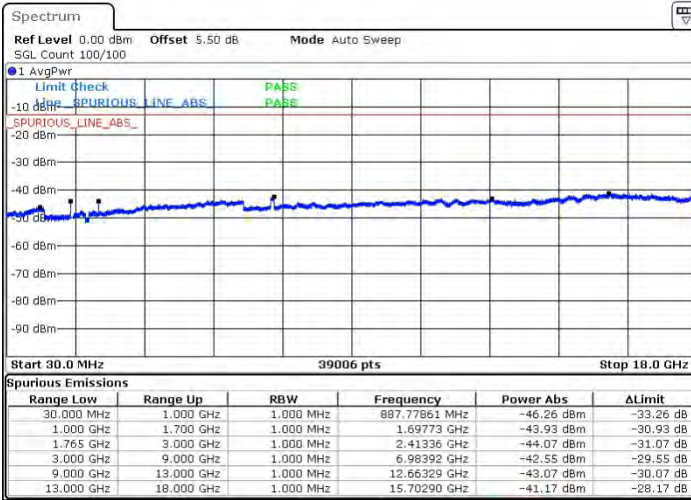
Date: 21 JUN 2015 10:15:30



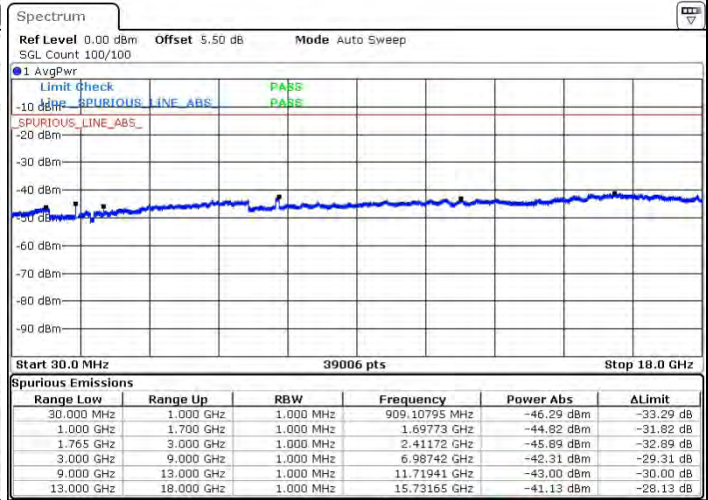
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



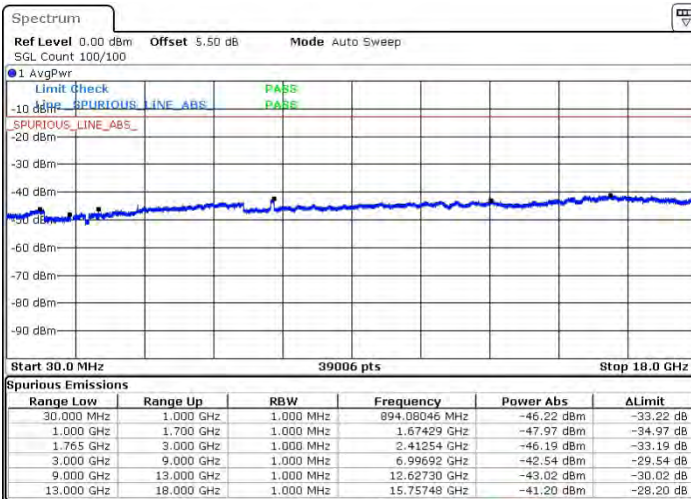
Date: 21 JUN 2015 10:22:02



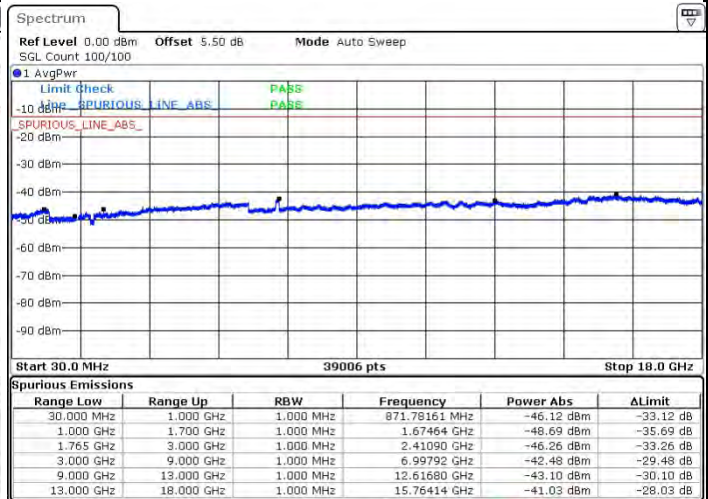
Date: 21 JUN 2015 10:23:13

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21 JUN 2015 10:25:11



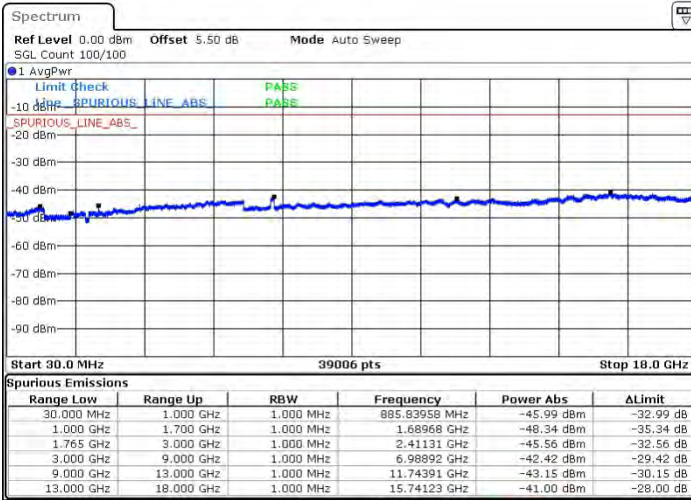
Date: 21 JUN 2015 10:26:22



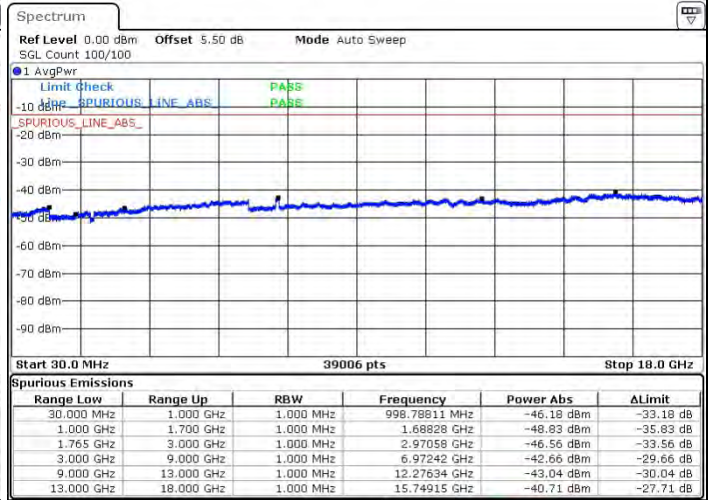
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 10:32:53

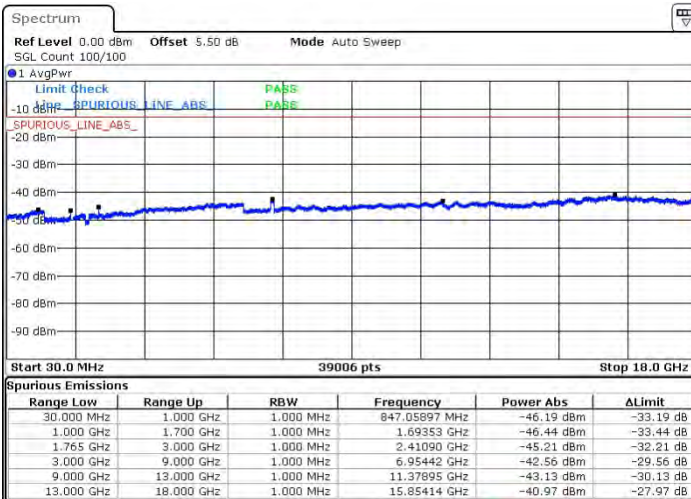


Date: 21 JUN 2015 10:34:04

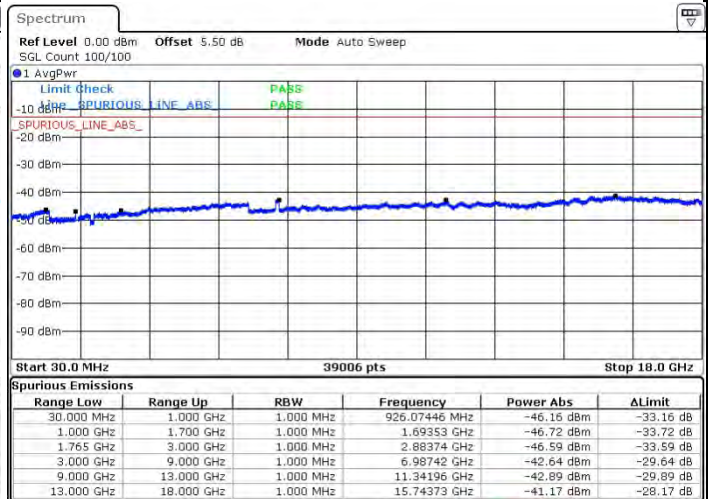
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 21 JUN 2015 10:40:36



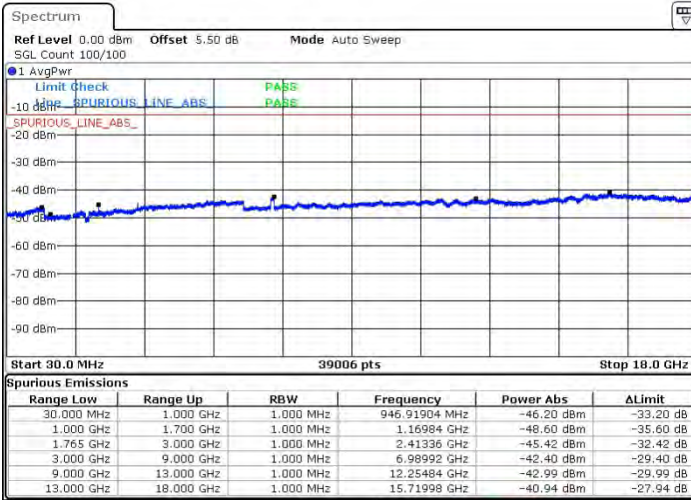
Date: 21 JUN 2015 10:41:47



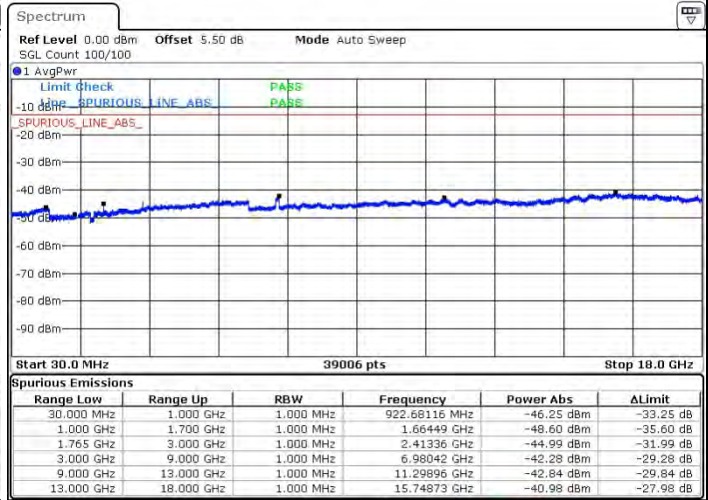
LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



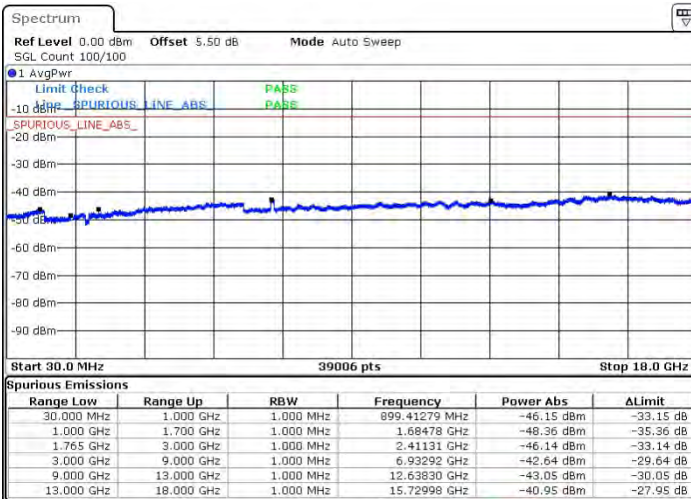
Date: 21 JUN 2015 10:43:44



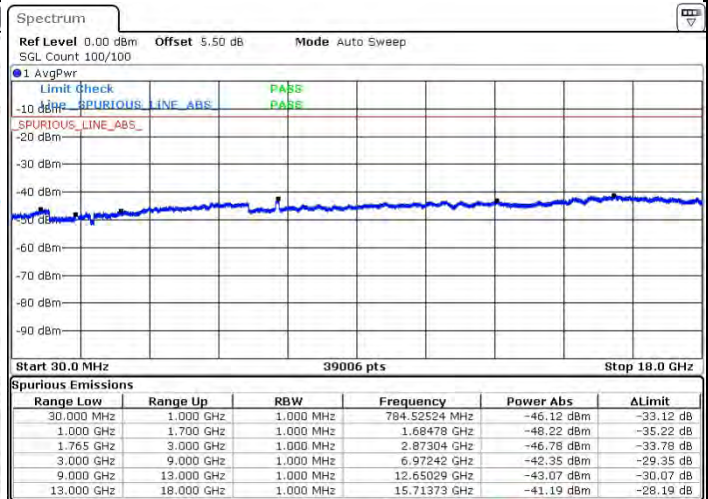
Date: 21 JUN 2015 10:44:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 10:51:27

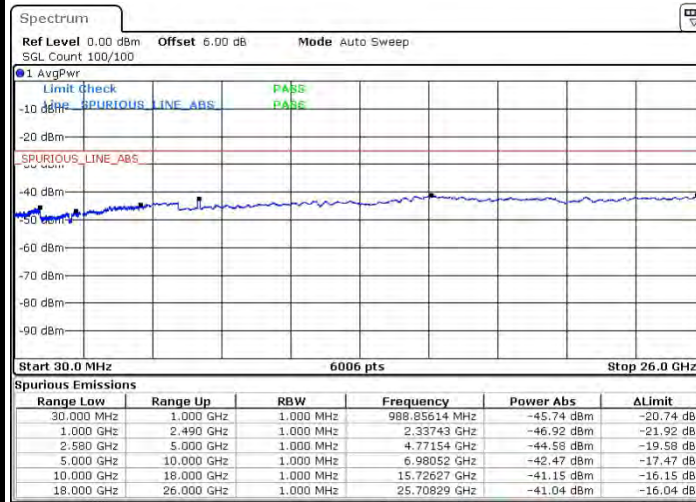


Date: 21 JUN 2015 10:52:38



LTE Band 7 / 5MHz

Lowest Channel / QPSK



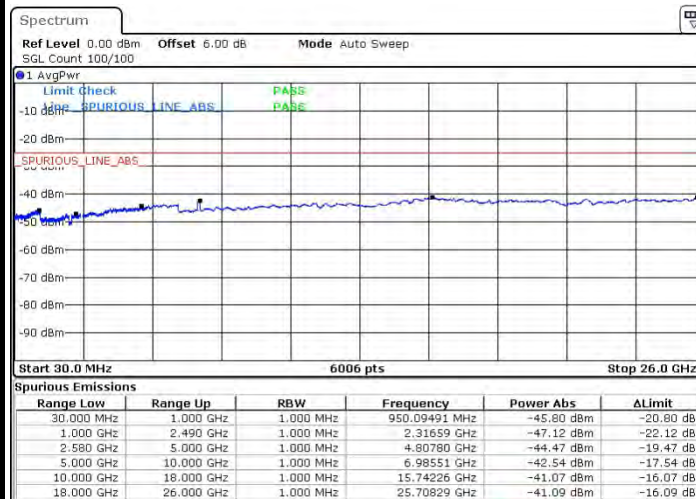
Date: 22 JUN 2015 04:12:12

Lowest Channel / 16QAM



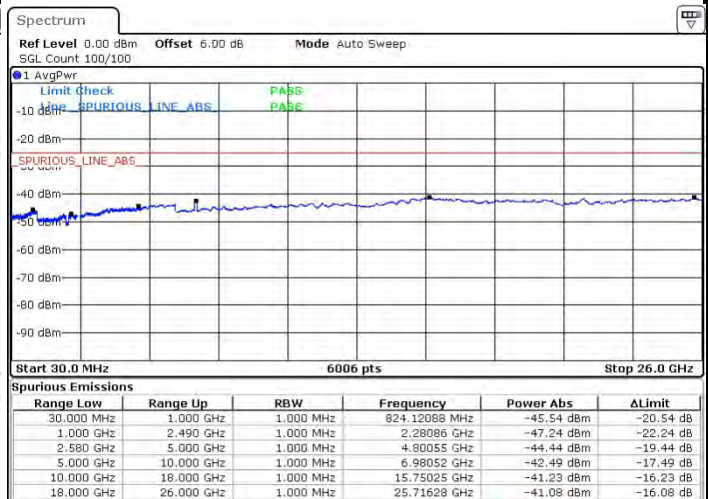
Date: 22 JUN 2015 04:13:20

Middle Channel / QPSK



Date: 22 JUN 2015 04:15:16

Middle Channel / 16QAM

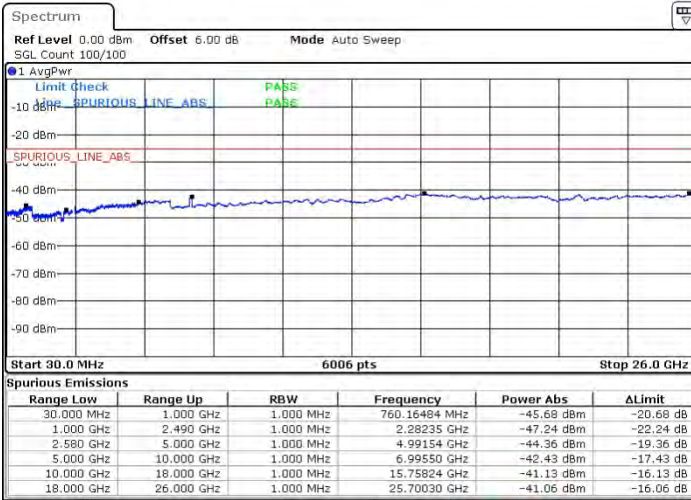


Date: 22 JUN 2015 04:16:25



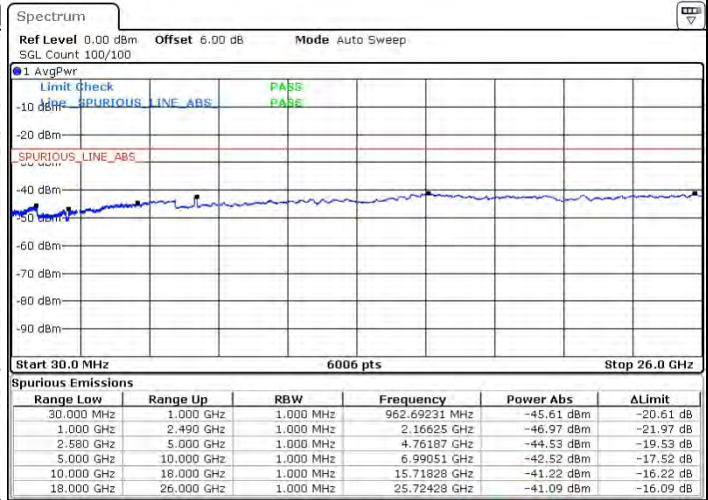
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 22 JUN 2015 04:22:54

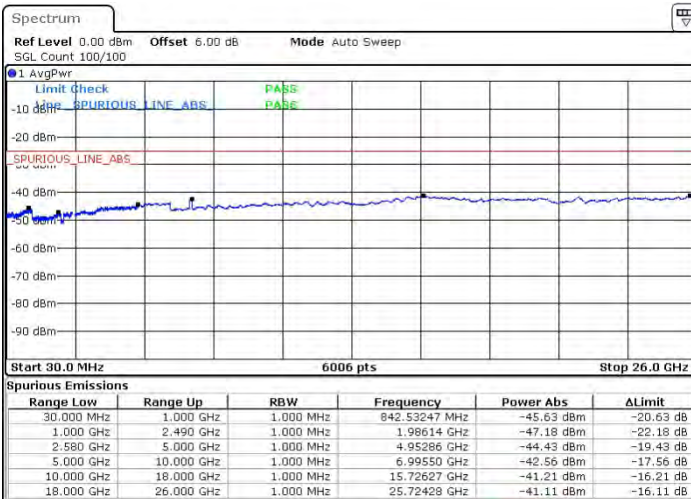
Highest Channel / 16QAM



Date: 22 JUN 2015 04:24:03

LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 22 JUN 2015 04:30:32

Lowest Channel / 16QAM



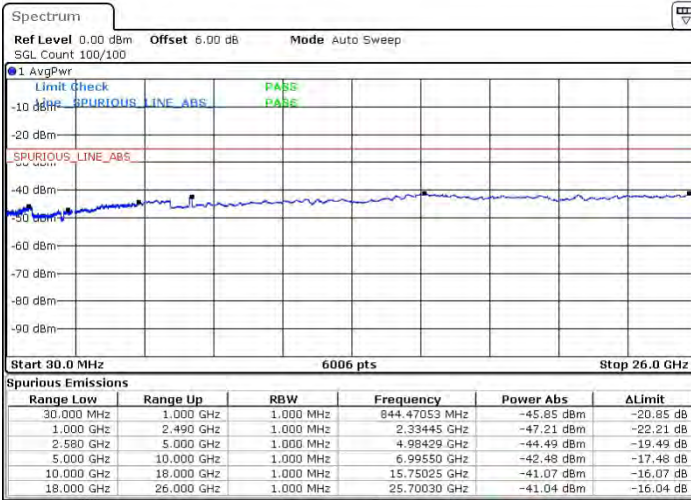
Date: 22 JUN 2015 04:31:41



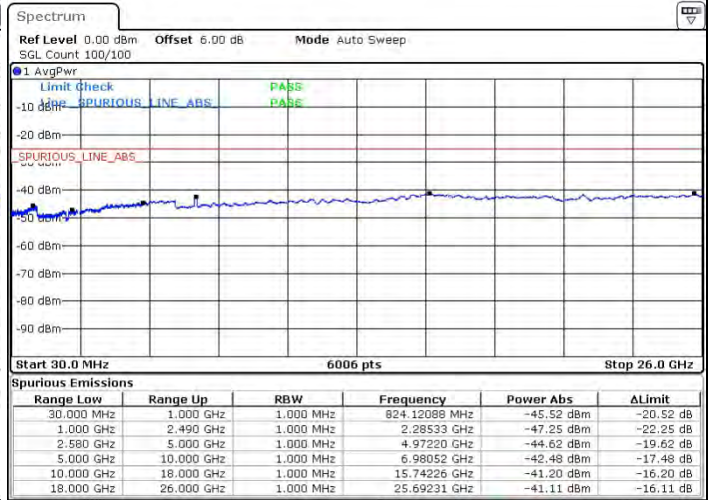
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



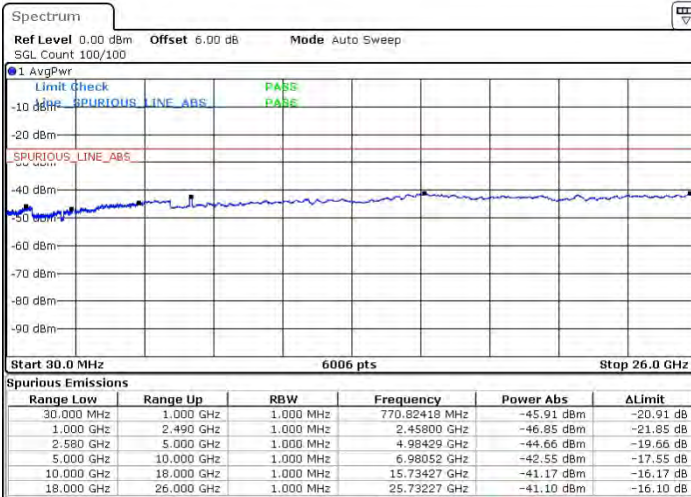
Date: 22 JUN 2015 04:33:37



Date: 22 JUN 2015 04:34:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 JUN 2015 04:41:15



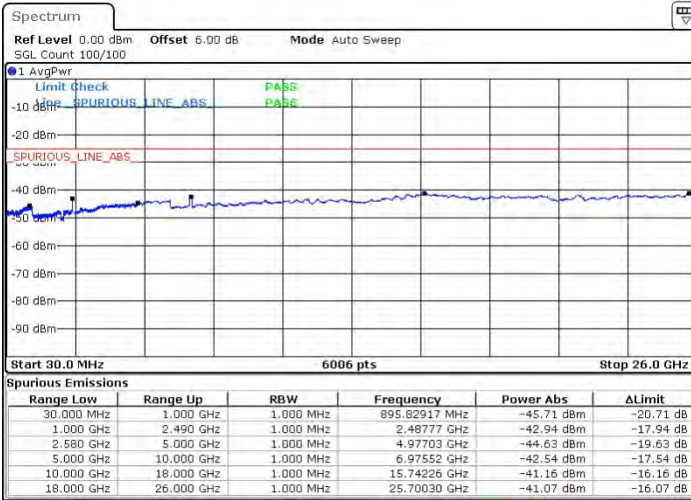
Date: 22 JUN 2015 04:42:24



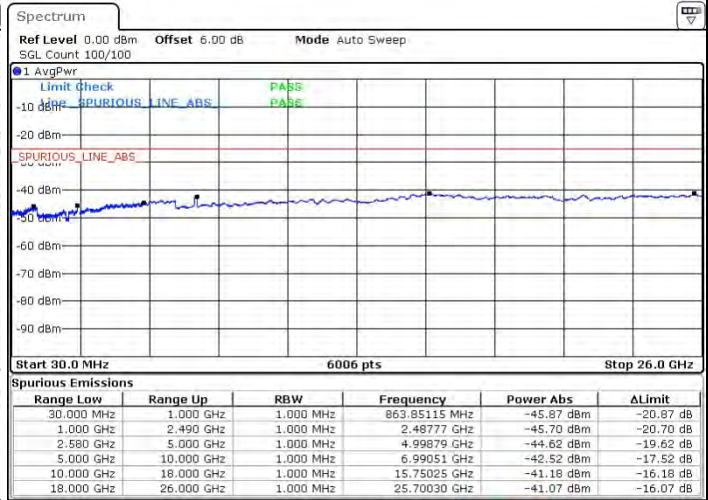
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



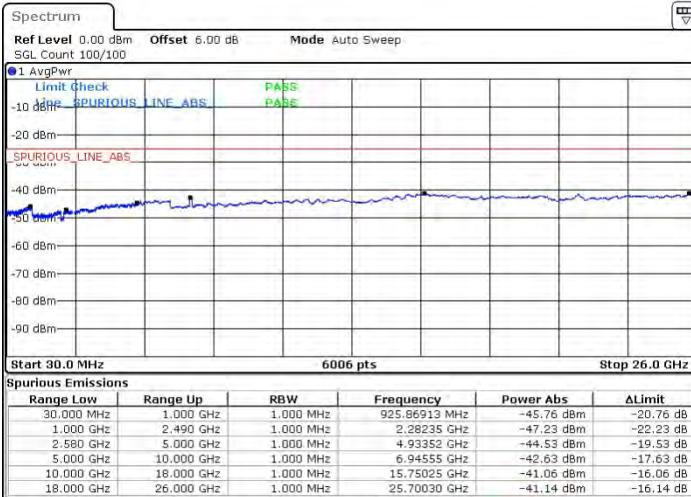
Date: 22 JUN 2015 04:48:54



Date: 22 JUN 2015 04:50:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 22 JUN 2015 04:51:58



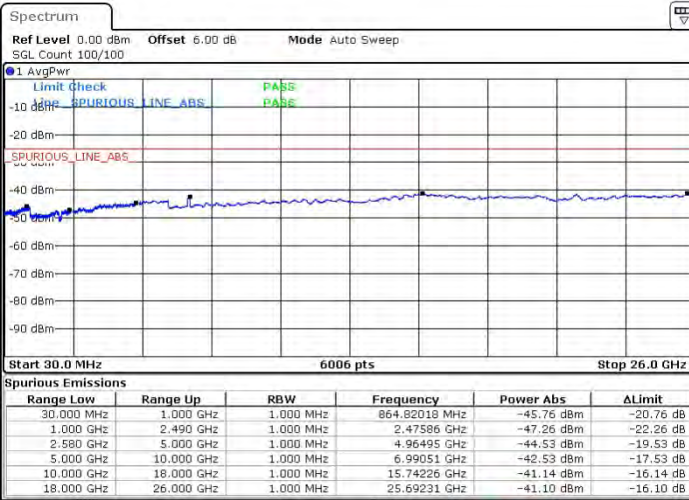
Date: 22 JUN 2015 04:53:06



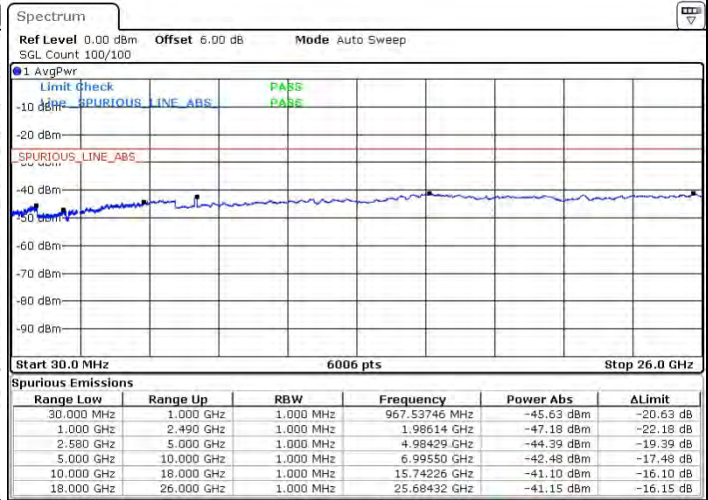
LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 JUN 2015 04:59:36

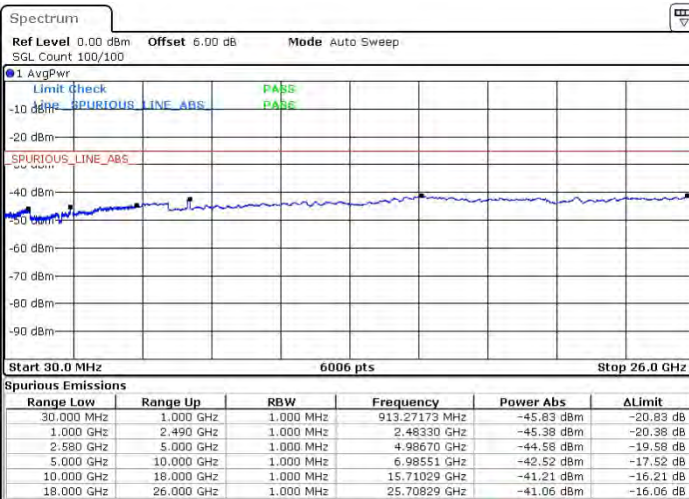


Date: 22 JUN 2015 05:00:45

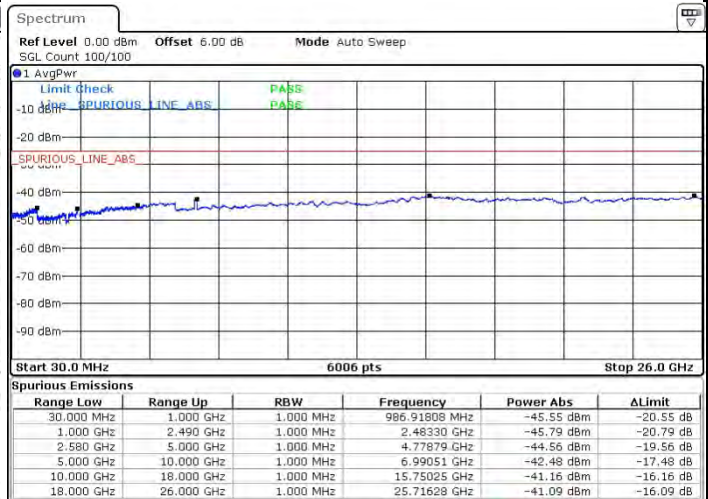
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22 JUN 2015 05:07:15



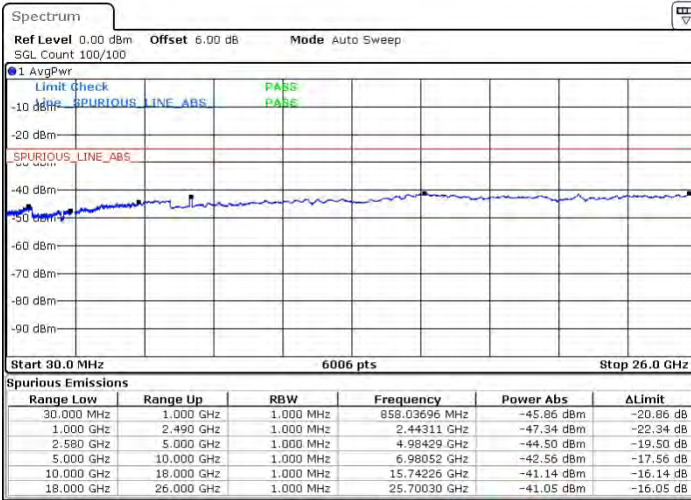
Date: 22 JUN 2015 05:08:23



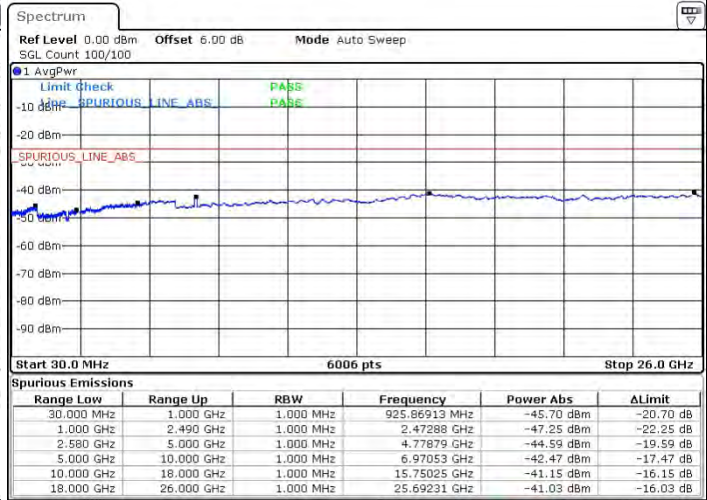
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



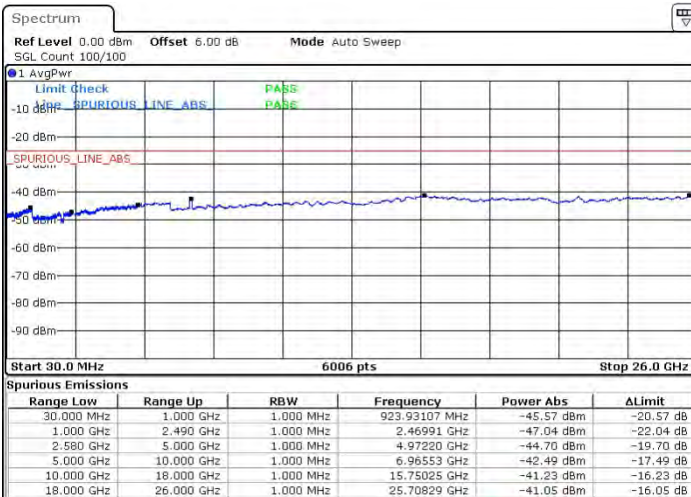
Date: 22 JUN 2015 05:10:19



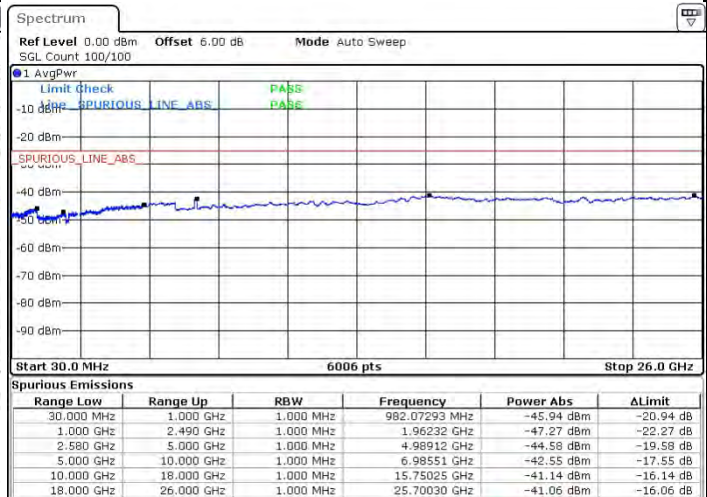
Date: 22 JUN 2015 05:10:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 JUN 2015 05:17:58



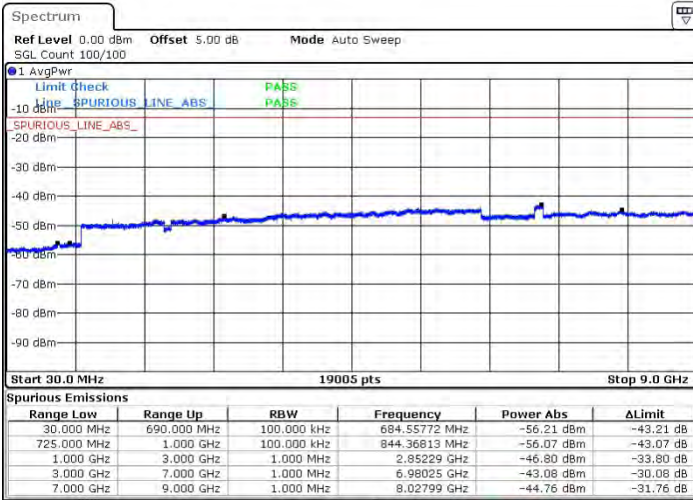
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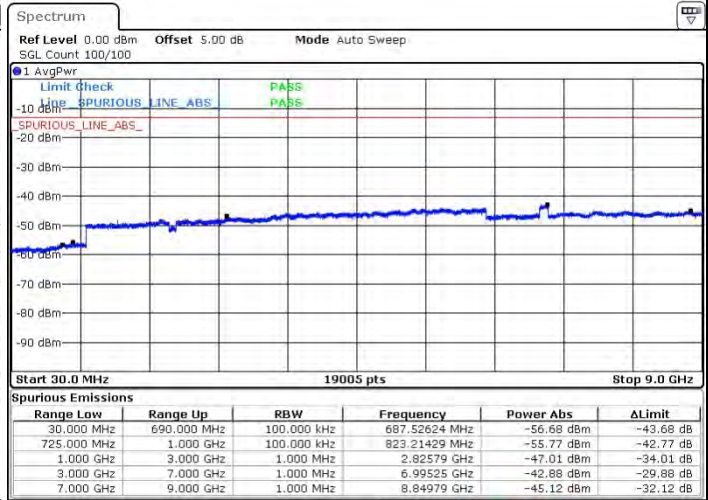
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



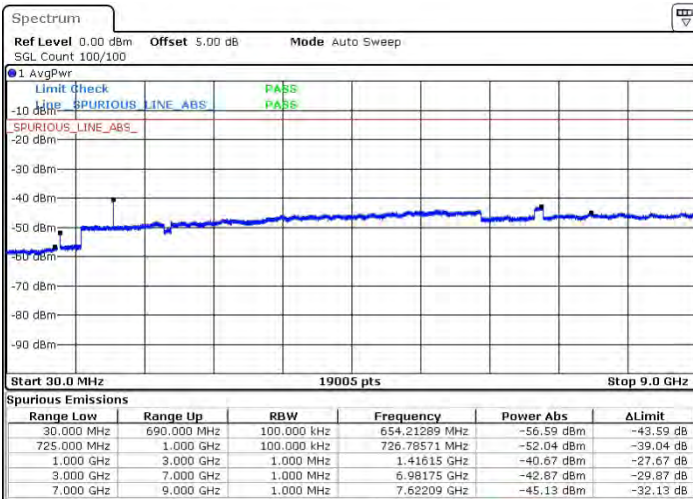
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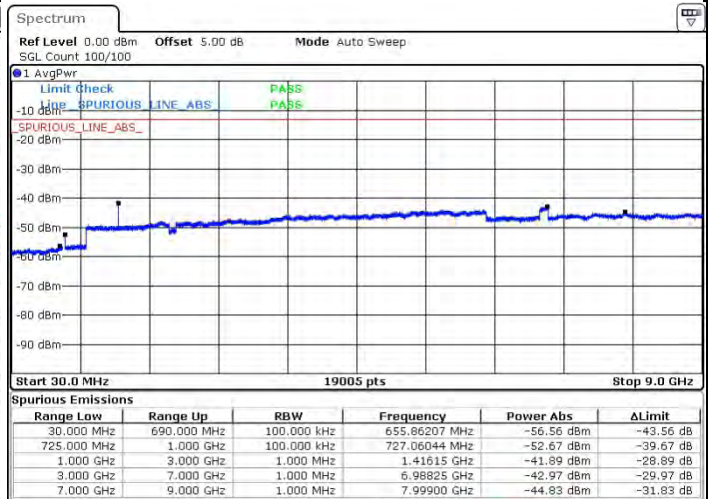
Date: 21 JUN 2015 20:36:13

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21 JUN 2015 20:38:11



Date: 21 JUN 2015 20:39:21

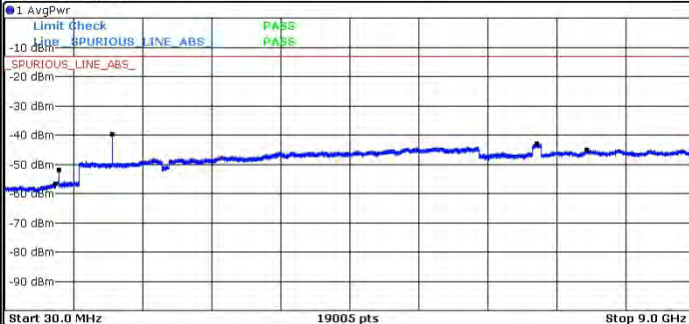


LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

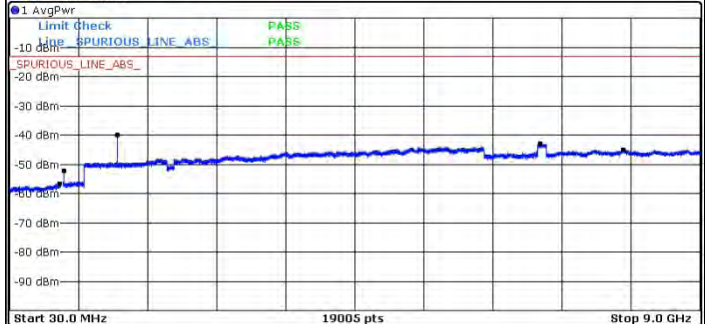
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-56.65 dBm	-43.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-52.02 dBm	-39.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-39.66 dBm	-26.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94726 GHz	-42.97 dBm	-29.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.59710 GHz	-44.97 dBm	-31.97 dB

Date: 21 JUN 2015 20:45:53

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	676.97151 MHz	-56.68 dBm	-43.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-52.24 dBm	-39.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-39.98 dBm	-26.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92076 GHz	-43.09 dBm	-30.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00550 GHz	-45.03 dBm	-32.03 dB

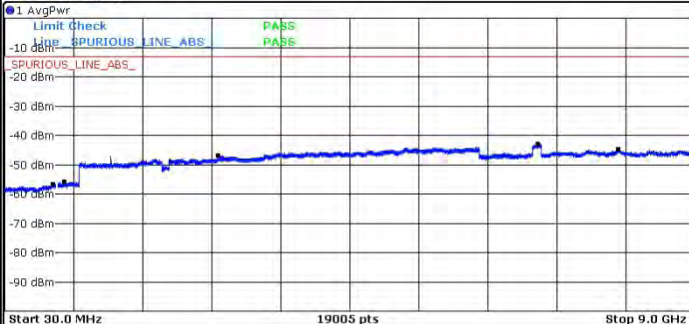
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LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

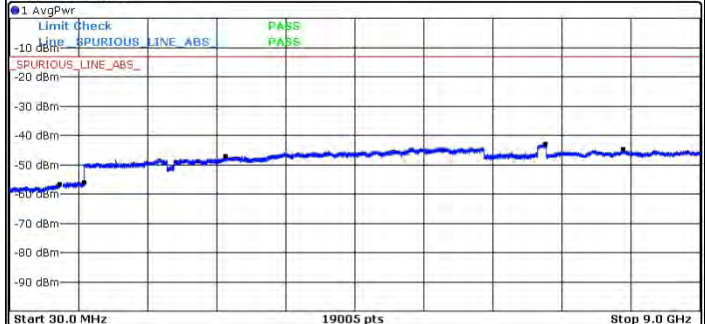
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	652.56372 MHz	-56.59 dBm	-43.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	806.45604 MHz	-55.83 dBm	-42.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80580 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-42.88 dBm	-29.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00050 GHz	-44.79 dBm	-31.79 dB

Date: 21 JUN 2015 20:53:35

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-56.70 dBm	-43.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.62088 MHz	-56.05 dBm	-43.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83929 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-43.03 dBm	-30.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00250 GHz	-44.91 dBm	-31.91 dB

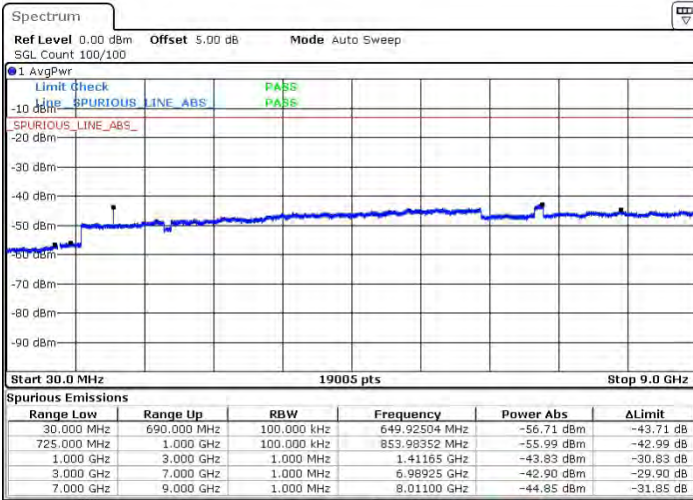
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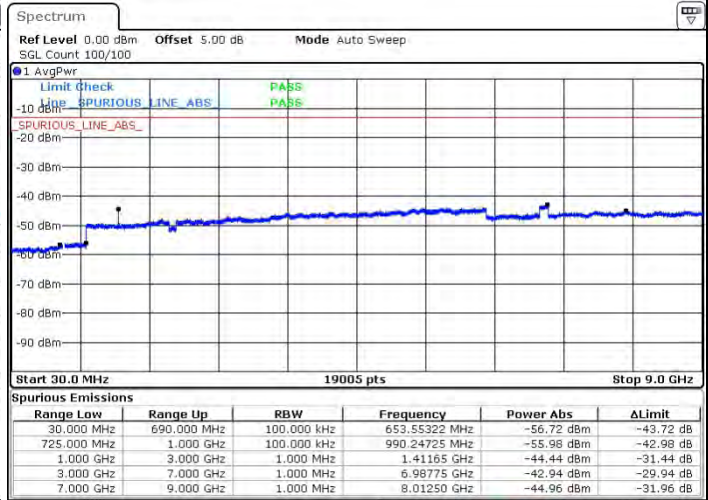
LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



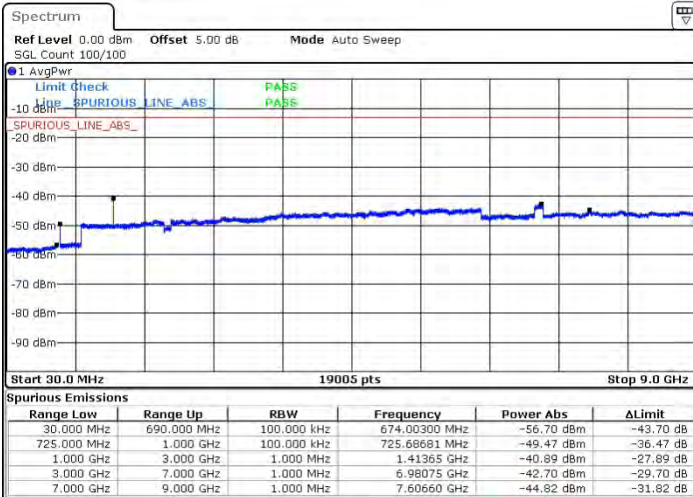
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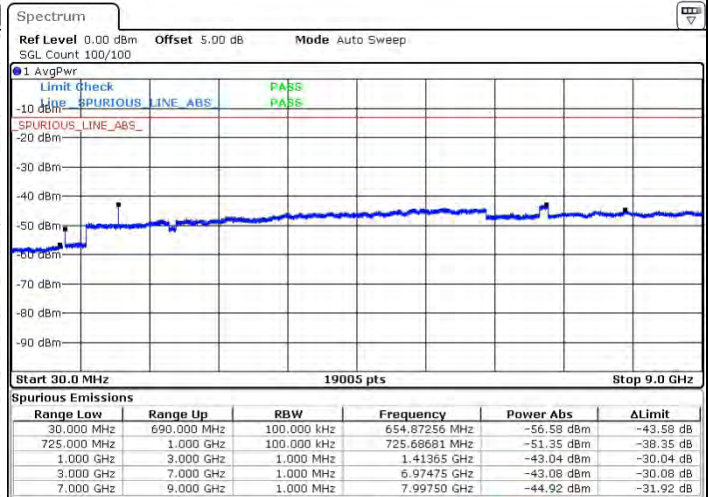
Date: 21 JUN 2015 20:57:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21 JUN 2015 21:04:24



Date: 21 JUN 2015 21:05:35

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	0.0069	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0051	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 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	0.0115	PASS
40	Normal Voltage	0.0098	
30	Normal Voltage	0.0092	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0087	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0104	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0075	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 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 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0241	PASS
40	Normal Voltage	0.0252	
30	Normal Voltage	0.0288	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0174	
-30	Normal Voltage	0.0130	
20	Maximum Voltage	0.0075	
20	Normal Voltage	0.0083	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 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 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0070	PASS
40	Normal Voltage	0.0310	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0263	
-10	Normal Voltage	0.0296	
-20	Normal Voltage	0.0056	
-30	Normal Voltage	0.0242	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0079	
20	Battery End Point	0.0232	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 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	22.41	0.1742	22.86	0.1932
Middle		3	1	23.26	0.2118	23.45	0.2213
Highest		1	2	23.12	0.2051	23.79	0.2393
Lowest	16QAM	1	0	21.90	0.1549	22.38	0.1730
Middle		1	5	22.75	0.1884	22.67	0.1849
Highest		1	0	22.40	0.1738	23.23	0.2104
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	22.84	0.1923	23.13	0.2056
Middle		1	14	24.12	0.2582	23.88	0.2443
Highest		1	7	23.41	0.2193	24.14	0.2594
Lowest	16QAM	1	14	22.18	0.1652	22.35	0.1718
Middle		1	14	23.33	0.2153	23.16	0.2070
Highest		1	14	22.47	0.1766	23.20	0.2089
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	0	22.70	0.1862	23.24	0.2109
Middle		1	24	23.65	0.2317	23.49	0.2234
Highest		1	12	23.60	0.2291	24.12	0.2582
Lowest	16QAM	1	12	22.05	0.1603	22.32	0.1706
Middle		1	12	22.83	0.1919	22.72	0.1871
Highest		1	24	22.28	0.1690	23.14	0.2061
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	23.05	0.2018	23.23	0.2104
Middle		1	24	23.57	0.2275	23.53	0.2254
Highest		1	49	23.82	0.2410	24.55	0.2851
Lowest	16QAM	1	0	21.71	0.1483	22.60	0.1820
Middle		1	49	23.01	0.2000	22.95	0.1972
Highest		1	49	22.37	0.1726	23.21	0.2094
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	23.12	0.2051	23.48	0.2228
Middle		1	0	23.68	0.2333	23.41	0.2193
Highest		1	74	23.82	0.2410	23.93	0.2472
Lowest	16QAM	1	0	22.11	0.1626	22.52	0.1786
Middle		1	74	23.04	0.2014	23.16	0.2070
Highest		1	74	22.47	0.1766	23.27	0.2123
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	23.47	0.2223	23.54	0.2259
Middle		1	0	23.44	0.2208	23.39	0.2183
Highest		1	0	24.13	0.2588	23.75	0.2371
Lowest	16QAM	1	0	22.29	0.1694	22.62	0.1828
Middle		1	0	22.59	0.1816	22.48	0.1770
Highest		1	0	23.01	0.2000	22.82	0.1914
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	3	1	19.68	0.0929	19.66	0.0925
Middle		1	0	20.51	0.1125	20.64	0.1159
Highest		1	2	21.05	0.1274	21.71	0.1483
Lowest	16QAM	1	0	19.05	0.0804	19.10	0.0813
Middle		1	2	20.02	0.1005	20.13	0.1030
Highest		1	2	19.87	0.0971	20.77	0.1194
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	19.88	0.0973	19.92	0.0982
Middle		1	0	20.59	0.1146	20.71	0.1178
Highest		1	14	20.50	0.1122	21.56	0.1432
Lowest	16QAM	1	14	19.29	0.0849	19.31	0.0853
Middle		1	0	19.99	0.0998	20.07	0.1016
Highest		1	14	19.86	0.0968	20.91	0.1233
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	19.78	0.0951	19.70	0.0933
Middle		1	0	20.66	0.1164	20.60	0.1148
Highest		1	12	20.61	0.1151	21.61	0.1449
Lowest	16QAM	1	0	18.99	0.0793	19.03	0.0800
Middle		1	0	19.93	0.0984	19.82	0.0959
Highest		1	12	19.67	0.0927	20.57	0.1140
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	24	20.17	0.1040	19.88	0.0973
Middle		1	24	20.28	0.1067	20.83	0.1211
Highest		1	24	20.57	0.1140	21.46	0.1400
Lowest	16QAM	1	0	19.06	0.0805	19.11	0.0815
Middle		1	0	19.43	0.0877	19.95	0.0989
Highest		1	0	19.69	0.0931	20.45	0.1109
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	19.89	0.0975	20.33	0.1079
Middle		1	0	20.24	0.1057	20.52	0.1127
Highest		1	0	20.55	0.1135	21.36	0.1368
Lowest	16QAM	1	0	19.19	0.0830	19.25	0.0841
Middle		1	0	19.32	0.0855	20.01	0.1002
Highest		1	0	19.88	0.0973	20.68	0.1169
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	20.07	0.1016	20.06	0.1014
Middle		1	0	20.04	0.1009	20.53	0.1130
Highest		1	0	20.57	0.1140	21.08	0.1282
Lowest	16QAM	1	0	19.06	0.0805	19.31	0.0853
Middle		1	0	19.19	0.0830	19.85	0.0966
Highest		1	0	19.81	0.0957	20.33	0.1079
Limit	EIRP < 1W			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	12	26.30	0.4266	26.58	0.4550
Middle		1	12	26.07	0.4046	26.17	0.4140
Highest		1	24	25.66	0.3681	25.35	0.3428
Lowest	16QAM	1	24	26.32	0.4285	26.62	0.4592
Middle		1	12	26.12	0.4093	26.27	0.4236
Highest		1	0	25.87	0.3864	25.67	0.3690
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	0	26.79	0.4775	26.22	0.4188
Middle		1	24	26.25	0.4217	26.85	0.4842
Highest		1	49	26.40	0.4365	26.09	0.4064
Lowest	16QAM	1	0	26.31	0.4276	26.65	0.4624
Middle		1	49	26.21	0.4178	26.22	0.4188
Highest		1	0	26.29	0.4256	26.01	0.3990
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	26.70	0.4677	27.10	0.5129
Middle		1	74	27.08	0.5105	26.97	0.4977
Highest		1	0	26.80	0.4786	26.82	0.4808
Lowest	16QAM	1	0	26.31	0.4276	26.58	0.4550
Middle		1	74	26.29	0.4256	26.29	0.4256
Highest		1	74	25.70	0.3715	25.39	0.3459
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	0	26.70	0.4677	26.58	0.4550
Middle		1	0	27.31	0.5383	27.51	0.5636
Highest		1	0	27.02	0.5035	26.99	0.5000
Lowest	16QAM	1	0	26.11	0.4083	26.40	0.4365
Middle		1	0	26.55	0.4519	26.76	0.4742
Highest		1	0	26.15	0.4121	26.06	0.4036
Limit	EIRP < 2W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	18.70	0.0741	5.39	0.0035
Middle		1	12	18.85	0.0767	5.42	0.0035
Highest		1	0	18.87	0.0771	5.55	0.0036
Lowest	16QAM	1	24	17.73	0.0593	4.51	0.0028
Middle		1	24	17.99	0.0630	4.63	0.0029
Highest		1	0	18.03	0.0635	4.19	0.0026
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	18.54	0.0714	5.51	0.0036
Middle		1	49	19.27	0.0845	5.68	0.0037
Highest		1	49	19.09	0.0811	5.57	0.0036
Lowest	16QAM	1	0	18.14	0.0652	4.60	0.0029
Middle		1	0	18.15	0.0653	4.87	0.0031
Highest		1	0	18.16	0.0655	4.86	0.0031
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)
Lowest	3699	-50.57	-13	-37.57	-64.77	-55.17	3	7.60	H
	5551	-48.30	-13	-35.30	-62.09	-54.56	3.84	10.10	H
	7401	-41.79	-13	-28.79	-61.57	-49.29	4.43	11.93	H
	9251	-39.25	-13	-26.25	-58.51	-46.91	4.92	12.58	H
	3699	-52.32	-13	-39.32	-64.81	-56.92	3	7.60	V
	5553	-38.42	-13	-25.42	-54.41	-44.68	3.84	10.10	V
	7401	-44.47	-13	-31.47	-62.26	-51.97	4.43	11.93	V
	9251	-41.67	-13	-28.67	-62.48	-49.33	4.92	12.58	V
Middle	3759	-49.01	-13	-36.01	-63.21	-53.61	3	7.60	H
	5637	-47.02	-13	-34.02	-60.81	-53.28	3.84	10.10	H
	7518	-41.52	-13	-28.52	-61.30	-49.02	4.43	11.93	H
	9396	-37.09	-13	-24.09	-56.35	-44.75	4.92	12.58	H
	3759	-49.12	-13	-36.12	-61.61	-53.72	3	7.60	V
	5636	-46.69	-13	-33.69	-59.1	-52.95	3.84	10.10	V
	7518	-45.23	-13	-32.23	-63.02	-52.73	4.43	11.93	V
	9396	-38.36	-13	-25.36	-59.17	-46.02	4.92	12.58	V
Highest	3816	-50.43	-13	-37.43	-64.63	-55.03	3	7.60	H
	5726	-47.85	-13	-34.85	-61.64	-54.11	3.84	10.10	H
	7635	-42.28	-13	-29.28	-62.06	-49.78	4.43	11.93	H
	9543	-36.09	-13	-23.09	-55.40	-43.75	4.92	12.58	H
	3816	-52.81	-13	-39.81	-65.3	-57.41	3	7.60	V
	5730	-46.65	-13	-33.65	-59.06	-52.91	3.84	10.10	V
	7635	-45.33	-13	-32.33	-63.12	-52.83	4.43	11.93	V
	9544.7	-40.53	-13	-27.53	-61.34	-48.19	4.92	12.58	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)
Lowest	3699	-50.14	-13	-37.14	-64.34	-54.74	3	7.60	H
	5551	-46.03	-13	-33.03	-59.82	-52.29	3.84	10.10	H
	7401	-42.22	-13	-29.22	-62.00	-49.72	4.43	11.93	H
	3699	-51.01	-13	-38.01	-63.5	-55.61	3	7.60	V
	5553	-37.78	-13	-24.78	-54.12	-44.04	3.84	10.10	V
	7401	-44.33	-13	-31.33	-62.12	-51.83	4.43	11.93	V
Middle	3756	-49.91	-13	-36.91	-64.11	-54.51	3	7.60	H
	5636	-45.16	-13	-32.16	-58.95	-51.42	3.84	10.10	H
	7515	-41.93	-13	-28.93	-61.71	-49.43	4.43	11.93	H
	9393	-34.18	-13	-21.18	-54.80	-41.84	4.92	12.58	H
	3756	-49.57	-13	-36.57	-62.06	-54.17	3	7.60	V
	5636	-46.77	-13	-33.77	-59.18	-53.03	3.84	10.10	V
	7515	-45.31	-13	-32.31	-63.1	-52.81	4.43	11.93	V
	9393	-39.80	-13	-26.80	-60.61	-47.46	4.92	12.58	V
Highest	3813	-50.43	-13	-37.43	-64.63	-55.03	3	7.60	H
	5721.7	-47.61	-13	-34.61	-61.40	-53.87	3.84	10.10	H
	7629	-42.74	-13	-29.74	-62.52	-50.24	4.43	11.93	H
	9536	-36.35	-13	-23.35	-55.65	-44.01	4.92	12.58	H
	3813	-51.65	-13	-38.65	-64.14	-56.25	3	7.60	V
	5724	-45.31	-13	-32.31	-57.72	-51.57	3.84	10.10	V
	7629	-44.50	-13	-31.50	-62.29	-52.00	4.43	11.93	V
	9537	-40.92	-13	-27.92	-61.73	-48.58	4.92	12.58	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)
Lowest	3702	-50.26	-13	-37.26	-64.46	-54.86	3	7.60	H
	5551	-48.61	-13	-35.61	-62.40	-54.87	3.84	10.10	H
	7401	-41.64	-13	-28.64	-61.42	-49.14	4.43	11.93	H
	3702	-52.56	-13	-39.56	-65.05	-57.16	3	7.60	V
	5553	-37.91	-13	-24.91	-54.2	-44.17	3.84	10.10	V
	7401	-43.76	-13	-30.76	-61.55	-51.26	4.43	11.93	V
Middle	3756	-49.30	-13	-36.30	-63.50	-53.90	3	7.60	H
	5634	-47.22	-13	-34.22	-61.01	-53.48	3.84	10.10	H
	7512	-41.24	-13	-28.24	-61.02	-48.74	4.43	11.93	H
	9387	-33.64	-13	-20.64	-54.47	-41.30	4.92	12.58	H
	3756	-52.01	-13	-39.01	-64.5	-56.61	3	7.60	V
	5634	-46.45	-13	-33.45	-58.86	-52.71	3.84	10.10	V
	7512	-45.03	-13	-32.03	-62.82	-52.53	4.43	11.93	V
	9390	-41.19	-13	-28.19	-62	-48.85	4.92	12.58	V
Highest	3810	-50.15	-13	-37.15	-64.35	-54.75	3	7.60	H
	5718	-45.32	-13	-32.32	-59.11	-51.58	3.84	10.10	H
	7623	-43.19	-13	-30.19	-62.97	-50.69	4.43	11.93	H
	9525	-35.20	-13	-22.20	-55.19	-42.86	4.92	12.58	H
	3810	-51.81	-13	-38.81	-64.3	-56.41	3	7.60	V
	5718	-40.56	-13	-27.56	-55.56	-46.82	3.84	10.10	V
	7623	-44.06	-13	-31.06	-61.85	-51.56	4.43	11.93	V
	9528	-42.07	-13	-29.07	-62.88	-49.73	4.92	12.58	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)
Lowest	3702	-50.69	-13	-37.69	-64.89	-55.29	3	7.60	H
	5552	-46.98	-13	-33.98	-60.77	-53.24	3.84	10.10	H
	7401	-42.37	-13	-29.37	-62.15	-49.87	4.43	11.93	H
	9252	-39.42	-13	-26.42	-58.68	-47.08	4.92	12.58	H
	3702	-51.26	-13	-38.26	-63.75	-55.86	3	7.60	V
	5553	-38.97	-13	-25.97	-54.62	-45.23	3.84	10.10	V
	7401	-44.21	-13	-31.21	-62	-51.71	4.43	11.93	V
	9252	-41.67	-13	-28.67	-62.48	-49.33	4.92	12.58	V
Middle	3751	-49.30	-13	-36.30	-63.50	-53.90	3	7.60	H
	5628	-43.50	-13	-30.50	-57.29	-49.76	3.84	10.10	H
	7503	-41.42	-13	-28.42	-61.20	-48.92	4.43	11.93	H
	9378	-36.88	-13	-23.88	-56.15	-44.54	4.92	12.58	H
	3750	-45.74	-13	-32.74	-59.99	-50.34	3	7.60	V
	5628	-44.48	-13	-31.48	-56.89	-50.74	3.84	10.10	V
	7506	-43.09	-13	-30.09	-60.88	-50.59	4.43	11.93	V
	9378	-37.98	-13	-24.98	-58.79	-45.64	4.92	12.58	V
Highest	3801	-51.37	-13	-38.37	-65.57	-55.97	3	7.60	H
	5702	-45.69	-13	-32.69	-59.48	-51.95	3.84	10.10	H
	7602	-42.74	-13	-29.74	-62.52	-50.24	4.43	11.93	H
	9502	-33.25	-13	-20.25	-54.20	-40.91	4.92	12.58	H
	3801	-51.95	-13	-38.95	-64.44	-56.55	3	7.60	V
	5702	-44.03	-13	-31.03	-56.44	-50.29	3.84	10.10	V
	7602	-45.27	-13	-32.27	-63.06	-52.77	4.43	11.93	V
	9501	-38.22	-13	-25.22	-59.03	-45.88	4.92	12.58	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)
Lowest	3702	-50.92	-13	-37.92	-65.12	-55.52	3	7.60	H
	5553	-46.92	-13	-33.92	-60.71	-53.18	3.84	10.10	H
	7404	-42.15	-13	-29.15	-61.93	-49.65	4.43	11.93	H
	9254	-39.24	-13	-26.24	-58.50	-46.90	4.92	12.58	H
	3702	-52.02	-13	-39.02	-64.51	-56.62	3	7.60	V
	5553	-39.64	-13	-26.64	-54.99	-45.90	3.84	10.10	V
	7404	-44.92	-13	-31.92	-62.71	-52.42	4.43	11.93	V
	9255	-42.64	-13	-29.64	-63.45	-50.30	4.92	12.58	V
Middle	3747	-49.84	-13	-36.84	-64.04	-54.44	3	7.60	H
	5622	-46.54	-13	-33.54	-60.33	-52.80	3.84	10.10	H
	7494	-42.51	-13	-29.51	-62.29	-50.01	4.43	11.93	H
	9366	-37.97	-13	-24.97	-57.23	-45.63	4.92	12.58	H
	3747	-51.12	-13	-38.12	-63.61	-55.72	3	7.60	V
	5622	-44.38	-13	-31.38	-56.79	-50.64	3.84	10.10	V
	7494	-44.95	-13	-31.95	-62.74	-52.45	4.43	11.93	V
	9369	-42.15	-13	-29.15	-62.96	-49.81	4.92	12.58	V
Highest	3792	-52.02	-13	-39.02	-66.22	-56.62	3	7.60	H
	5688	-47.83	-13	-34.83	-61.62	-54.09	3.84	10.10	H
	7584	-43.84	-13	-30.84	-63.62	-51.34	4.43	11.93	H
	9480	-34.72	-13	-21.72	-55.04	-42.38	4.92	12.58	H
	3792	-52.29	-13	-39.29	-64.78	-56.89	3	7.60	V
	5688	-44.21	-13	-31.21	-56.62	-50.47	3.84	10.10	V
	7584	-44.93	-13	-31.93	-62.72	-52.43	4.43	11.93	V
	9480	-41.99	-13	-28.99	-62.8	-49.65	4.92	12.58	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)
Lowest	3702	-50.83	-13	-37.83	-65.03	-55.43	3	7.60	H
	5553	-46.93	-13	-33.93	-60.72	-53.19	3.84	10.10	H
	7404	-41.58	-13	-28.58	-61.36	-49.08	4.43	11.93	H
	9255	-40.34	-13	-27.34	-59.60	-48.00	4.92	12.58	H
	3705	-53.35	-13	-40.35	-65.84	-57.95	3	7.60	V
	5556	-41.17	-13	-28.17	-55.9	-47.43	3.84	10.10	V
	7404	-44.20	-13	-31.20	-61.99	-51.70	4.43	11.93	V
	9255	-41.80	-13	-28.80	-62.61	-49.46	4.92	12.58	V
Middle	3741	-51.29	-13	-38.29	-65.49	-55.89	3	7.60	H
	5616	-46.42	-13	-33.42	-60.21	-52.68	3.84	10.10	H
	7485	-42.85	-13	-29.85	-62.63	-50.35	4.43	11.93	H
	9354	-38.43	-13	-25.43	-57.69	-46.09	4.92	12.58	H
	3741	-51.96	-13	-38.96	-64.45	-56.56	3	7.60	V
	5616	-37.96	-13	-24.96	-54.23	-44.22	3.84	10.10	V
	7485	-45.12	-13	-32.12	-62.91	-52.62	4.43	11.93	V
	9354	-41.37	-13	-28.37	-62.18	-49.03	4.92	12.58	V
Highest	3783	-52.04	-13	-39.04	-66.24	-56.64	3	7.60	H
	5673	-47.45	-13	-34.45	-61.24	-53.71	3.84	10.10	H
	7563	-43.66	-13	-30.66	-63.44	-51.16	4.43	11.93	H
	9456	-37.03	-13	-24.03	-56.29	-44.69	4.92	12.58	H
	3783	-53.41	-13	-40.41	-65.9	-58.01	3	7.60	V
	5673	-46.80	-13	-33.80	-59.21	-53.06	3.84	10.10	V
	7565	-45.18	-13	-32.18	-62.97	-52.68	4.43	11.93	V
	9456	-41.03	-13	-28.03	-61.84	-48.69	4.92	12.58	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)
Lowest	3420	-50.18	-13	-37.18	-64.31	-54.55	3.12	7.49	H
	5133	-45.77	-13	-32.77	-58.92	-51.57	3.65	9.45	H
	6840	-45.26	-13	-32.26	-62.12	-52.46	4.15	11.35	H
	3420	-50.26	-13	-37.26	-63.08	-54.63	3.12	7.49	V
	5133	-40.04	-13	-27.04	-55.1	-45.84	3.65	9.45	V
	6840	-46.19	-13	-33.19	-61.44	-53.39	4.15	11.35	V
Middle	3465	-51.00	-13	-38.00	-65.13	-55.37	3.12	7.49	H
	5196	-44.94	-13	-31.94	-58.09	-50.74	3.65	9.45	H
	6927	-43.60	-13	-30.60	-60.46	-50.80	4.15	11.35	H
	8661	-38.18	-13	-25.18	-61.44	-46.97	4.65	13.44	H
	10392	-30.16	-13	-17.16	-62.87	-37.46	5.1	12.40	H
	12123	-34.27	-13	-21.27	-58.88	-41.33	5.44	12.50	H
	3462	-50.08	-13	-37.08	-62.9	-54.45	3.12	7.49	V
	5196	-36.24	-13	-23.24	-52.85	-42.04	3.65	9.45	V
	6930	-46.27	-13	-33.27	-61.52	-53.47	4.15	11.35	V
	8661	-43.54	-13	-30.54	-62.7	-52.33	4.65	13.44	V
	10392	-36.48	-13	-23.48	-62.93	-43.78	5.1	12.40	V
	12126	-38.70	-13	-25.70	-63.16	-45.76	5.44	12.50	V
Highest	3507	-52.81	-13	-39.81	-66.94	-57.18	3.12	7.49	H
	5262	-47.37	-13	-34.37	-60.52	-53.17	3.65	9.45	H
	7014	-45.05	-13	-32.05	-61.91	-52.25	4.15	11.35	H
	3507	-53.72	-13	-40.72	-66.54	-58.09	3.12	7.49	V
	5262	-45.59	-13	-32.59	-59.6	-51.39	3.65	9.45	V
	7014	-46.16	-13	-33.16	-61.41	-53.36	4.15	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)
Lowest	3420	-51.76	-13	-38.76	-65.89	-56.13	3.12	7.49	H
	5133	-47.80	-13	-34.80	-60.95	-53.60	3.65	9.45	H
	6843	-43.61	-13	-30.61	-60.47	-50.81	4.15	11.35	H
	3420	-53.11	-13	-40.11	-65.93	-57.48	3.12	7.49	V
	5136	-46.32	-13	-33.32	-60.33	-52.12	3.65	9.45	V
	6840	-46.98	-13	-33.98	-62.23	-54.18	4.15	11.35	V
Middle	3462	-51.30	-13	-38.30	-65.43	-55.67	3.12	7.49	H
	5193	-46.32	-13	-33.32	-59.47	-52.12	3.65	9.45	H
	6924	-44.96	-13	-31.96	-61.82	-52.16	4.15	11.35	H
	8656	-38.43	-13	-25.43	-61.69	-47.22	4.65	13.44	H
	10389	-29.86	-13	-16.86	-62.57	-37.16	5.1	12.40	H
	12117	-33.76	-13	-20.76	-58.37	-40.82	5.44	12.50	H
	3462	-51.27	-13	-38.27	-64.09	-55.64	3.12	7.49	V
	5193	-38.97	-13	-25.97	-54.51	-44.77	3.65	9.45	V
	6924	-45.96	-13	-32.96	-61.21	-53.16	4.15	11.35	V
	8656	-43.03	-13	-30.03	-62.19	-51.82	4.65	13.44	V
	10389	-35.73	-13	-22.73	-62.18	-43.03	5.1	12.40	V
	12120	-38.65	-13	-25.65	-63.11	-45.71	5.44	12.50	V
Highest	3504	-52.75	-13	-39.75	-66.88	-57.12	3.12	7.49	H
	5256	-49.83	-13	-36.83	-62.98	-55.63	3.65	9.45	H
	7008	-44.95	-13	-31.95	-61.81	-52.15	4.15	11.35	H
	3504	-53.76	-13	-40.76	-66.58	-58.13	3.12	7.49	V
	5256	-47.69	-13	-34.69	-61.7	-53.49	3.65	9.45	V
	7008	-46.08	-13	-33.08	-61.33	-53.28	4.15	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)
Lowest	3420	-52.27	-13	-39.27	-66.40	-56.64	3.12	7.49	H
	5130	-49.13	-13	-36.13	-62.28	-54.93	3.65	9.45	H
	6843	-45.60	-13	-32.60	-62.46	-52.80	4.15	11.35	H
	3420	-51.15	-13	-38.15	-63.97	-55.52	3.12	7.49	V
	5133	-44.75	-13	-31.75	-58.76	-50.55	3.65	9.45	V
	6843	-47.45	-13	-34.45	-62.7	-54.65	4.15	11.35	V
Middle	3459	-49.83	-13	-36.83	-63.96	-54.20	3.12	7.49	H
	5193	-45.65	-13	-32.65	-58.80	-51.45	3.65	9.45	H
	6921	-45.32	-13	-32.32	-62.18	-52.52	4.15	11.35	H
	8652	-38.56	-13	-25.56	-61.82	-47.35	4.65	13.44	H
	10383	-30.32	-13	-17.32	-63.03	-37.62	5.1	12.40	H
	12111	-33.57	-13	-20.57	-58.18	-40.63	5.44	12.50	H
	3459	-51.57	-13	-38.57	-64.39	-55.94	3.12	7.49	V
	5193	-40.12	-13	-27.12	-55.15	-45.92	3.65	9.45	V
	6921	-46.72	-13	-33.72	-61.97	-53.92	4.15	11.35	V
	8655	-42.22	-13	-29.22	-61.38	-51.01	4.65	13.44	V
	10383	-37.79	-13	-24.79	-64.24	-45.09	5.1	12.40	V
	12114	-39.56	-13	-26.56	-64.02	-46.62	5.44	12.50	V
Highest	3501	-52.88	-13	-39.88	-67.01	-57.25	3.12	7.49	H
	5250	-49.00	-13	-36.00	-62.15	-54.80	3.65	9.45	H
	7002	-45.32	-13	-32.32	-62.18	-52.52	4.15	11.35	H
	3501	-53.34	-13	-40.34	-66.16	-57.71	3.12	7.49	V
	5253	-44.62	-13	-31.62	-58.63	-50.42	3.65	9.45	V
	7002	-47.57	-13	-34.57	-62.82	-54.77	4.15	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)
Lowest	3420	-51.81	-13	-38.81	-65.94	-56.18	3.12	7.49	H
	5133	-45.55	-13	-32.55	-58.70	-51.35	3.65	9.45	H
	6843	-45.75	-13	-32.75	-62.61	-52.95	4.15	11.35	H
	3420	-52.14	-13	-39.14	-64.96	-56.51	3.12	7.49	V
	5133	-43.37	-13	-30.37	-57.38	-49.17	3.65	9.45	V
	6843	-45.87	-13	-32.87	-61.12	-53.07	4.15	11.35	V
Middle	3456	-49.00	-13	-36.00	-63.13	-53.37	3.12	7.49	H
	5184	-46.71	-13	-33.71	-59.86	-52.51	3.65	9.45	H
	6912	-45.63	-13	-32.63	-62.49	-52.83	4.15	11.35	H
	8640	-39.76	-13	-26.76	-63.02	-48.55	4.65	13.44	H
	10368	-31.48	-13	-18.48	-64.19	-38.78	5.1	12.40	H
	12096	-33.81	-13	-20.81	-58.42	-40.87	5.44	12.50	H
	3456	-50.87	-13	-37.87	-63.69	-55.24	3.12	7.49	V
	5184	-42.10	-13	-29.10	-56.11	-47.90	3.65	9.45	V
	6912	-46.80	-13	-33.80	-62.05	-54.00	4.15	11.35	V
	8640	-44.16	-13	-31.16	-63.32	-52.95	4.65	13.44	V
	10368	-36.79	-13	-23.79	-63.24	-44.09	5.1	12.40	V
	12096	-38.13	-13	-25.13	-62.59	-45.19	5.44	12.50	V
Highest	3492	-51.19	-13	-38.19	-65.32	-55.56	3.12	7.49	H
	5238	-45.15	-13	-32.15	-58.30	-50.95	3.65	9.45	H
	6984	-44.92	-13	-31.92	-61.78	-52.12	4.15	11.35	H
	3489	-50.56	-13	-37.56	-63.38	-54.93	3.12	7.49	V
	5238	-40.19	-13	-27.19	-55.2	-45.99	3.65	9.45	V
	6984	-46.27	-13	-33.27	-61.52	-53.47	4.15	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)
Lowest	3420	-49.84	-13	-36.84	-63.97	-54.21	3.12	7.49	H
	5133	-47.31	-13	-34.31	-60.46	-53.11	3.65	9.45	H
	6844	-45.26	-13	-32.26	-62.12	-52.46	4.15	11.35	H
	3420	-51.85	-13	-38.85	-64.67	-56.22	3.12	7.49	V
	5133	-46.13	-13	-33.13	-60.14	-51.93	3.65	9.45	V
	6844	-47.31	-13	-34.31	-62.56	-54.51	4.15	11.35	V
Middle	3453	-50.88	-13	-37.88	-65.01	-55.25	3.12	7.49	H
	5179	-47.81	-13	-34.81	-60.96	-53.61	3.65	9.45	H
	6906	-44.07	-13	-31.07	-60.93	-51.27	4.15	11.35	H
	8631	-37.16	-13	-24.16	-60.42	-45.95	4.65	13.44	H
	10359	-28.75	-13	-15.75	-61.46	-36.05	5.1	12.40	H
	12083	-34.00	-13	-21.00	-58.61	-41.06	5.44	12.50	H
	3450	-50.55	-13	-37.55	-63.37	-54.92	3.12	7.49	V
	5178	-44.28	-13	-31.28	-58.29	-50.08	3.65	9.45	V
	6905	-45.61	-13	-32.61	-60.86	-52.81	4.15	11.35	V
	8631	-42.60	-13	-29.60	-61.76	-51.39	4.65	13.44	V
	10356	-35.95	-13	-22.95	-62.4	-43.25	5.1	12.40	V
	12084	-38.86	-13	-25.86	-63.32	-45.92	5.44	12.50	V
Highest	3480	-50.47	-13	-37.47	-64.60	-54.84	3.12	7.49	H
	5223	-45.19	-13	-32.19	-58.34	-50.99	3.65	9.45	H
	6966	-44.96	-13	-31.96	-61.82	-52.16	4.15	11.35	H
	3480	-51.05	-13	-38.05	-63.87	-55.42	3.12	7.49	V
	5223	-41.18	-13	-28.18	-55.79	-46.98	3.65	9.45	V
	6966	-47.33	-13	-34.33	-62.58	-54.53	4.15	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)
Lowest	3423	-52.40	-13	-39.40	-66.53	-56.77	3.12	7.49	H
	5133	-47.77	-13	-34.77	-60.92	-53.57	3.65	9.45	H
	6843	-45.09	-13	-32.09	-61.95	-52.29	4.15	11.35	H
	3423	-53.41	-13	-40.41	-66.23	-57.78	3.12	7.49	V
	5133	-46.00	-13	-33.00	-60.01	-51.80	3.65	9.45	V
	6843	-47.05	-13	-34.05	-62.3	-54.25	4.15	11.35	V
Middle	3447	-48.99	-13	-35.99	-63.12	-53.36	3.12	7.49	H
	5172	-48.48	-13	-35.48	-61.63	-54.28	3.65	9.45	H
	6894	-45.49	-13	-32.49	-62.35	-52.69	4.15	11.35	H
	3447	-51.05	-13	-38.05	-63.87	-55.42	3.12	7.49	V
	5172	-42.67	-13	-29.67	-56.68	-48.47	3.65	9.45	V
	6894	-45.85	-13	-32.85	-61.1	-53.05	4.15	11.35	V
Highest	3471	-50.27	-13	-37.27	-64.40	-54.64	3.12	7.49	H
	5208	-44.38	-13	-31.38	-57.53	-50.18	3.65	9.45	H
	6945	-46.05	-13	-33.05	-62.91	-53.25	4.15	11.35	H
	3471	-51.32	-13	-38.32	-64.14	-55.69	3.12	7.49	V
	5208	-40.06	-13	-27.06	-55.11	-45.86	3.65	9.45	V
	6945	-47.28	-13	-34.28	-62.53	-54.48	4.15	11.35	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)	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	5006	-49.34	-25	-24.34	-63.32	-55.12	3.49	9.27	H
	7502	-45.54	-25	-20.54	-62.08	-53.33	4.28	12.07	H
	10000	-43.40	-25	-18.40	-64.79	-50.70	5.1	12.40	H
	5000	-49.51	-25	-24.51	-63.67	-55.29	3.49	9.27	V
	7502	-45.99	-25	-20.99	-63.01	-53.78	4.28	12.07	V
	10000	-42.74	-25	-17.74	-63.84	-50.04	5.1	12.40	V
Middle	5066	-48.59	-25	-23.59	-62.57	-54.37	3.49	9.27	H
	7598	-46.01	-25	-21.01	-62.55	-53.80	4.28	12.07	H
	10132	-43.24	-25	-18.24	-64.63	-50.54	5.1	12.40	H
	5066	-49.04	-25	-24.04	-63.2	-54.82	3.49	9.27	V
	7598	-45.19	-25	-20.19	-62.21	-52.98	4.28	12.07	V
	10132	-43.14	-25	-18.14	-64.24	-50.44	5.1	12.40	V
Highest	5132	-48.81	-25	-23.81	-62.79	-54.59	3.49	9.27	H
	7697	-45.87	-25	-20.87	-62.41	-53.66	4.28	12.07	H
	10264	-42.33	-25	-17.33	-63.72	-49.63	5.1	12.40	H
	5132	-49.61	-25	-24.61	-63.77	-55.39	3.49	9.27	V
	7697	-45.41	-25	-20.41	-62.43	-53.20	4.28	12.07	V
	10264	-42.32	-25	-17.32	-63.42	-49.62	5.1	12.40	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)
Lowest	5006	-48.39	-25	-23.39	-62.37	-54.17	3.49	9.27	H
	7502	-45.83	-25	-20.83	-62.37	-53.62	4.28	12.07	H
	10000	-42.81	-25	-17.81	-64.20	-50.11	5.1	12.40	H
	5006	-49.34	-25	-24.34	-63.5	-55.12	3.49	9.27	V
	7502	-47.32	-25	-22.32	-64.34	-55.11	4.28	12.07	V
	10000	-43.00	-25	-18.00	-64.1	-50.30	5.1	12.40	V
Middle	5060	-47.72	-25	-22.72	-61.70	-53.50	3.49	9.27	H
	7595	-44.48	-25	-19.48	-61.02	-52.27	4.28	12.07	H
	10120	-43.10	-25	-18.10	-64.49	-50.40	5.1	12.40	H
	5060	-48.05	-25	-23.05	-62.21	-53.83	3.49	9.27	V
	7595	-45.39	-25	-20.39	-62.41	-53.18	4.28	12.07	V
	10120	-43.90	-25	-18.90	-65	-51.20	5.1	12.40	V
Highest	5120	-49.34	-25	-24.34	-63.32	-55.12	3.49	9.27	H
	7688	-44.36	-25	-19.36	-60.90	-52.15	4.28	12.07	H
	10244	-41.88	-25	-16.88	-63.27	-49.18	5.1	12.40	H
	5120	-48.48	-25	-23.48	-62.64	-54.26	3.49	9.27	V
	7682	-44.66	-25	-19.66	-61.68	-52.45	4.28	12.07	V
	10240	-43.30	-25	-18.30	-64.4	-50.60	5.1	12.40	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)
Lowest	5003	-48.88	-25	-23.88	-62.86	-54.66	3.49	9.27	H
	7502	-45.28	-25	-20.28	-61.82	-53.07	4.28	12.07	H
	10004	-42.35	-25	-17.35	-63.74	-49.65	5.1	12.40	H
	5006	-48.37	-25	-23.37	-62.53	-54.15	3.49	9.27	V
	7502	-46.60	-25	-21.60	-63.62	-54.39	4.28	12.07	V
	10008	-42.24	-25	-17.24	-63.34	-49.54	5.1	12.40	V
Middle	5057	-48.67	-25	-23.67	-62.65	-54.45	3.49	9.27	H
	7586	-46.96	-25	-21.96	-63.50	-54.75	4.28	12.07	H
	10112	-43.33	-25	-18.33	-64.72	-50.63	5.1	12.40	H
	5057	-48.13	-25	-23.13	-62.29	-53.91	3.49	9.27	V
	7586	-45.37	-25	-20.37	-62.39	-53.16	4.28	12.07	V
	10112	-43.58	-25	-18.58	-64.68	-50.88	5.1	12.40	V
Highest	5111	-48.44	-25	-23.44	-62.42	-54.22	3.49	9.27	H
	7667	-46.36	-25	-21.36	-62.90	-54.15	4.28	12.07	H
	10224	-43.09	-25	-18.09	-64.48	-50.39	5.1	12.40	H
	5111	-49.12	-25	-24.12	-63.28	-54.90	3.49	9.27	V
	7667	-45.42	-25	-20.42	-62.44	-53.21	4.28	12.07	V
	10224	-43.93	-25	-18.93	-65.03	-51.23	5.1	12.40	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)
Lowest	5003	-48.84	-25	-23.84	-62.82	-54.62	3.49	9.27	H
	7502	-46.54	-25	-21.54	-63.08	-54.33	4.28	12.07	H
	10004	-42.25	-25	-17.25	-63.64	-49.55	5.1	12.40	H
	5003	-48.72	-25	-23.72	-62.88	-54.50	3.49	9.27	V
	7502	-46.35	-25	-21.35	-63.37	-54.14	4.28	12.07	V
	10004	-42.94	-25	-17.94	-64.04	-50.24	5.1	12.40	V
Middle	5051	-48.84	-25	-23.84	-62.82	-54.62	3.49	9.27	H
	7577	-47.91	-25	-22.91	-64.45	-55.70	4.28	12.07	H
	10104	-43.03	-25	-18.03	-64.42	-50.33	5.1	12.40	H
	5051	-49.65	-25	-24.65	-63.81	-55.43	3.49	9.27	V
	7577	-47.20	-25	-22.20	-64.22	-54.99	4.28	12.07	V
	10104	-44.55	-25	-19.55	-65.65	-51.85	5.1	12.40	V
Highest	5102	-48.84	-25	-23.84	-62.82	-54.62	3.49	9.27	H
	7658	-45.50	-25	-20.50	-62.04	-53.29	4.28	12.07	H
	10204	-43.61	-25	-18.61	-65.00	-50.91	5.1	12.40	H
	5102	-48.73	-25	-23.73	-62.89	-54.51	3.49	9.27	V
	7655	-44.71	-25	-19.71	-61.73	-52.50	4.28	12.07	V
	10204	-44.48	-25	-19.48	-65.58	-51.78	5.1	12.40	V

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



LTE Band 17 / 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)
Lowest	1408	-58.63	-13	-45.63	-55.05	-59.61	1.75	4.88	H
	2114	-55.02	-13	-42.02	-61.03	-56.64	2.16	5.93	H
	2818	-54.28	-13	-41.28	-64.70	-56.31	2.48	6.66	H
	1409	-56.91	-13	-43.91	-55.38	-57.89	1.75	4.88	V
	2114	-53.31	-13	-40.31	-61.29	-54.93	2.16	5.93	V
	2818	-53.54	-13	-40.54	-65.05	-55.57	2.48	6.66	V
Middle	1416	-57.53	-13	-44.53	-53.95	-58.51	1.75	4.88	H
	2124	-54.42	-13	-41.42	-60.43	-56.04	2.16	5.93	H
	2832	-54.29	-13	-41.29	-64.71	-56.32	2.48	6.66	H
	1416	-55.14	-13	-42.14	-53.61	-56.12	1.75	4.88	V
	2124	-53.54	-13	-40.54	-61.52	-55.16	2.16	5.93	V
	2832	-53.52	-13	-40.52	-65.03	-55.55	2.48	6.66	V
Highest	1422	-58.43	-13	-45.43	-54.85	-59.41	1.75	4.88	H
	2135	-55.69	-13	-42.69	-61.70	-57.31	2.16	5.93	H
	2846	-54.32	-13	-41.32	-64.74	-56.35	2.48	6.66	H
	1422	-55.15	-13	-42.15	-53.62	-56.13	1.75	4.88	V
	2135	-53.78	-13	-40.78	-61.76	-55.40	2.16	5.93	V
	2846	-53.64	-13	-40.64	-65.15	-55.67	2.48	6.66	V

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



LTE Band 17 / 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)
Lowest	1408	-49.96	-13	-36.96	-49.99	-50.94	1.75	4.88	H
	2114	-54.39	-13	-41.39	-60.40	-56.01	2.16	5.93	H
	2820	-53.92	-13	-40.92	-64.34	-55.95	2.48	6.66	H
	1408	-52.71	-13	-39.71	-53.03	-53.69	1.75	4.88	V
	2114	-52.50	-13	-39.50	-60.48	-54.12	2.16	5.93	V
	2819	-53.17	-13	-40.17	-64.68	-55.20	2.48	6.66	V
Middle	1412	-57.52	-13	-44.52	-53.94	-58.50	1.75	4.88	H
	2116	-53.88	-13	-40.88	-59.89	-55.50	2.16	5.93	H
	2824	-53.42	-13	-40.42	-63.84	-55.45	2.48	6.66	H
	1411	-57.54	-13	-44.54	-56.01	-58.52	1.75	4.88	V
	2116	-53.10	-13	-40.10	-61.08	-54.72	2.16	5.93	V
	2824	-52.93	-13	-39.93	-64.44	-54.96	2.48	6.66	V
Highest	1412	-51.76	-13	-38.76	-51.13	-52.74	1.75	4.88	H
	2120	-54.16	-13	-41.16	-60.17	-55.78	2.16	5.93	H
	2828	-54.56	-13	-41.56	-64.98	-56.59	2.48	6.66	H
	1412	-49.78	-13	-36.78	-51.52	-50.76	1.75	4.88	V
	2120	-53.29	-13	-40.29	-61.27	-54.91	2.16	5.93	V
	2827	-53.11	-13	-40.11	-64.62	-55.14	2.48	6.66	V

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