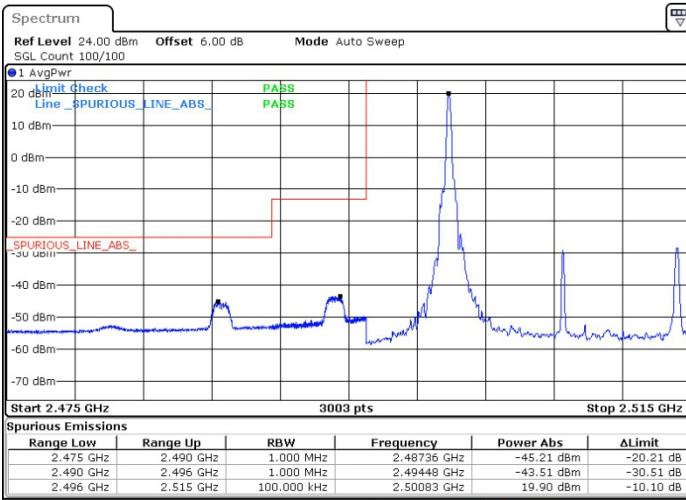




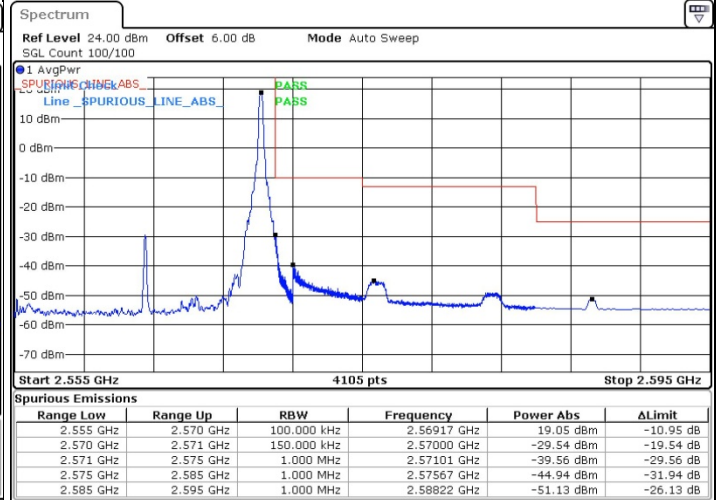
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



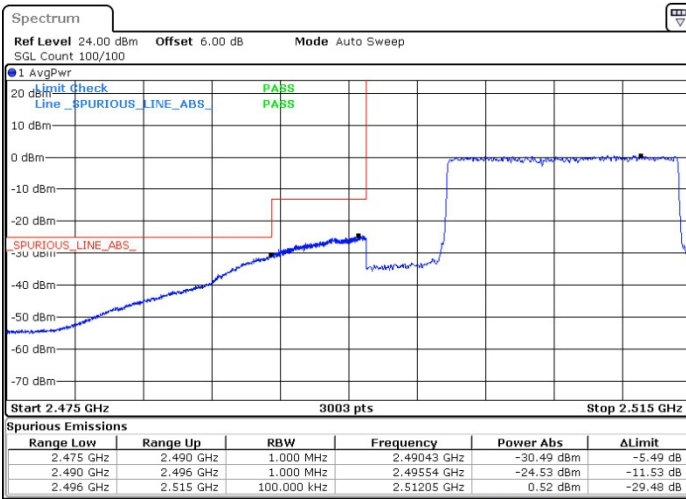
Date: 10 JUL 2015 02:01:28



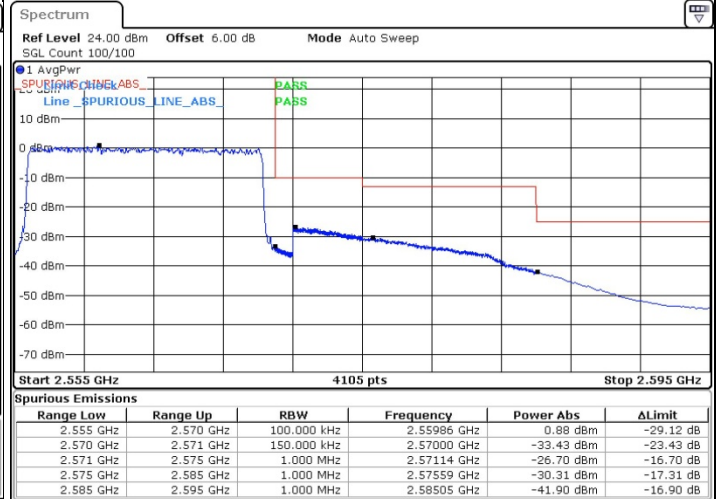
Date: 10 JUL 2015 02:12:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 JUL 2015 02:03:45

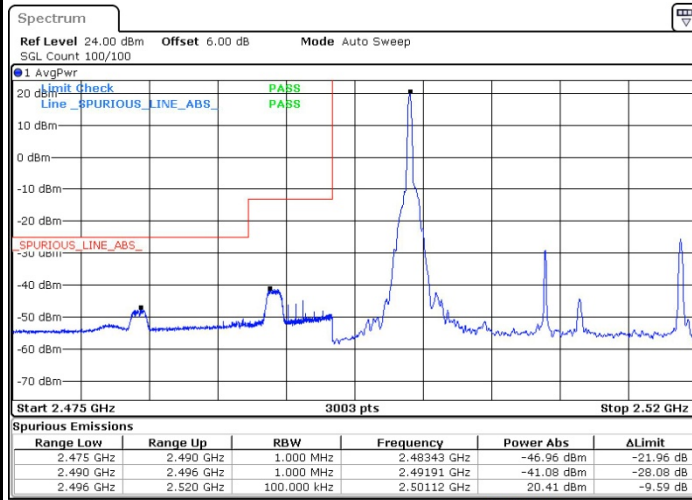


Date: 10 JUL 2015 02:14:30



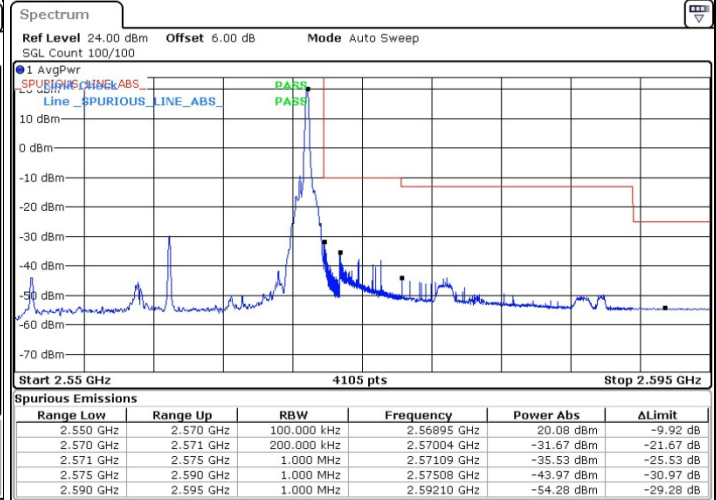
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



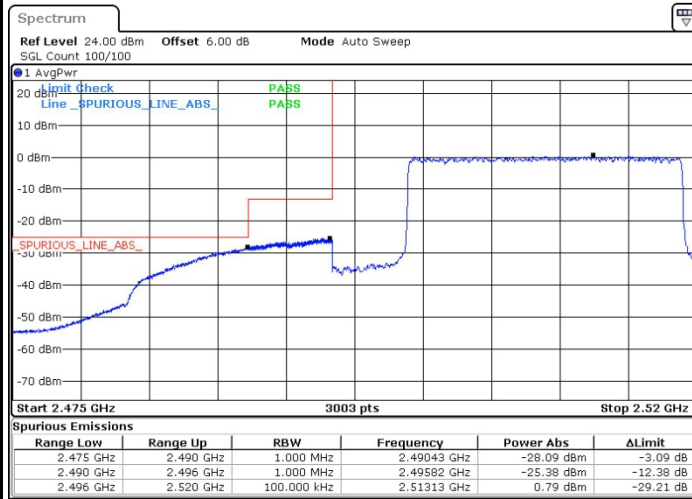
Date: 10 JUL 2015 02:18:44

Highest Band Edge / 1 RB



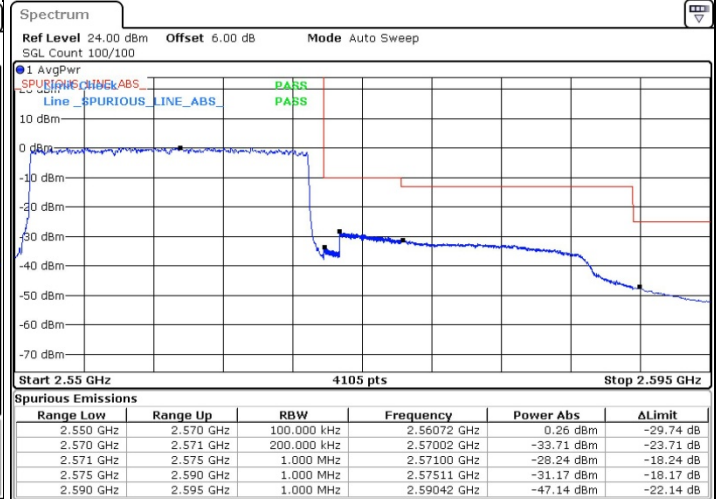
Date: 10 JUL 2015 02:29:29

Lowest Band Edge / Full RB



Date: 10 JUL 2015 02:21:01

Highest Band Edge / Full RB

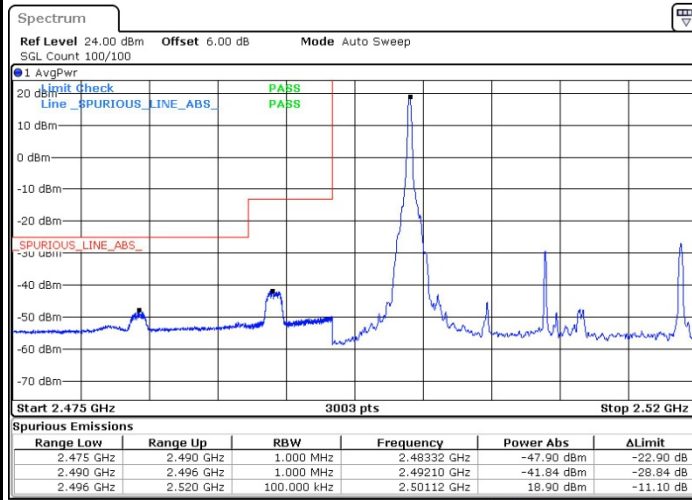


Date: 10 JUL 2015 02:32:54

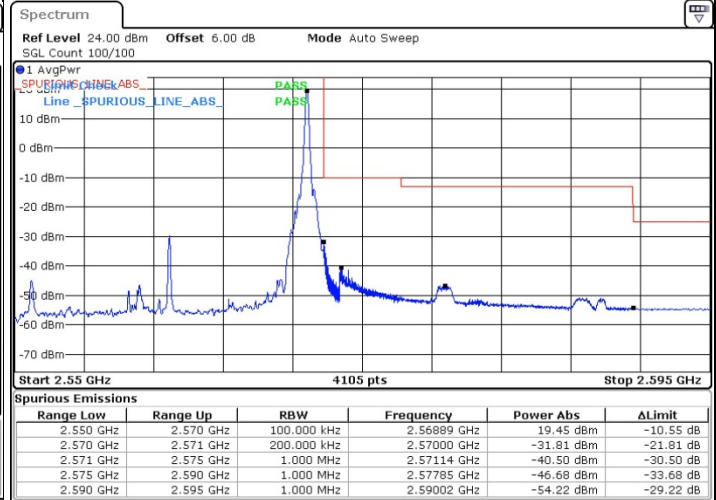


LTE Band 7 / 20MHz / 16QAM

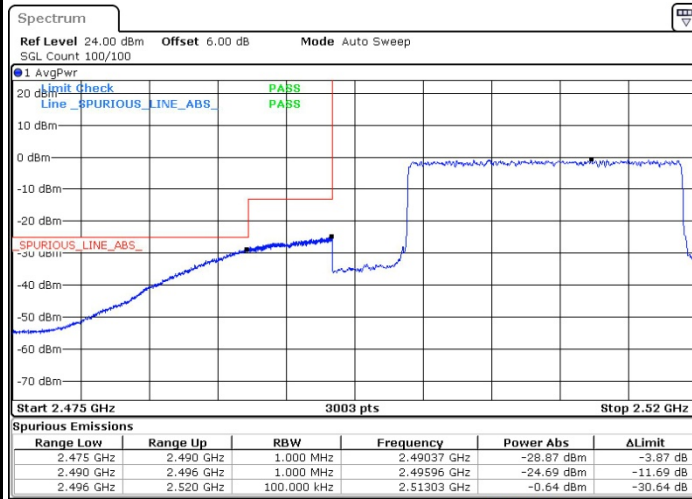
Lowest Band Edge / 1 RB



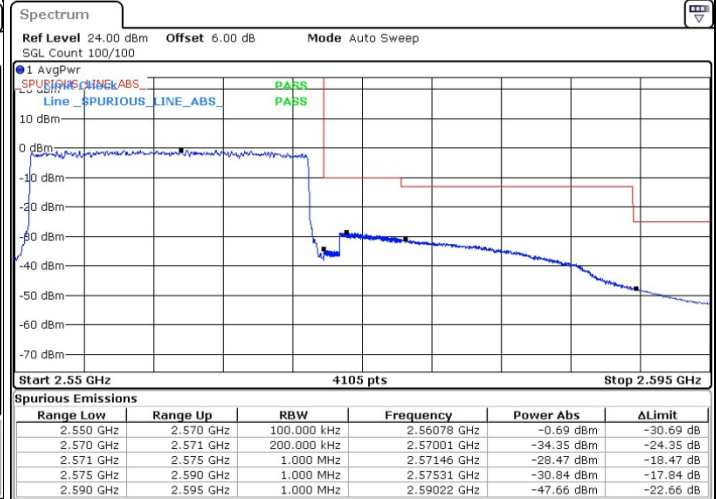
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



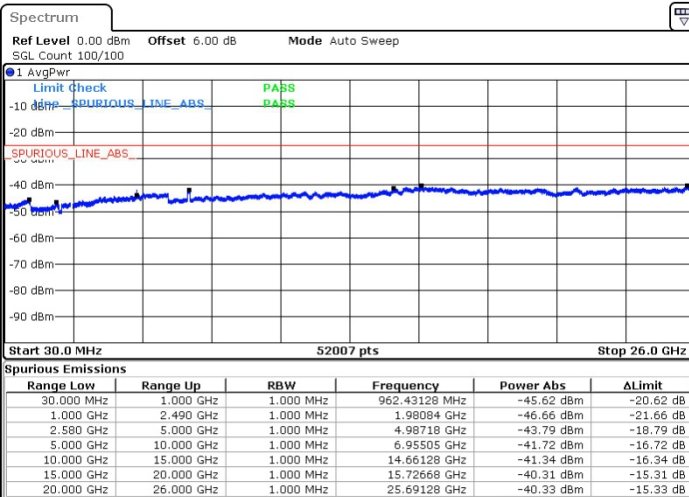


Conducted Spurious Emission

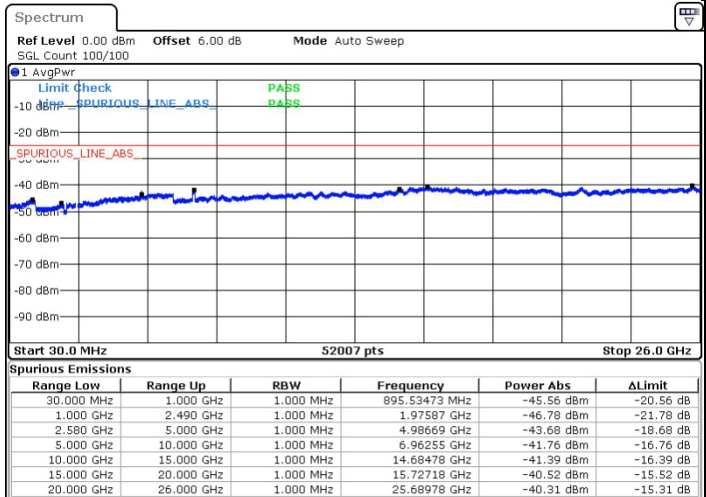
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



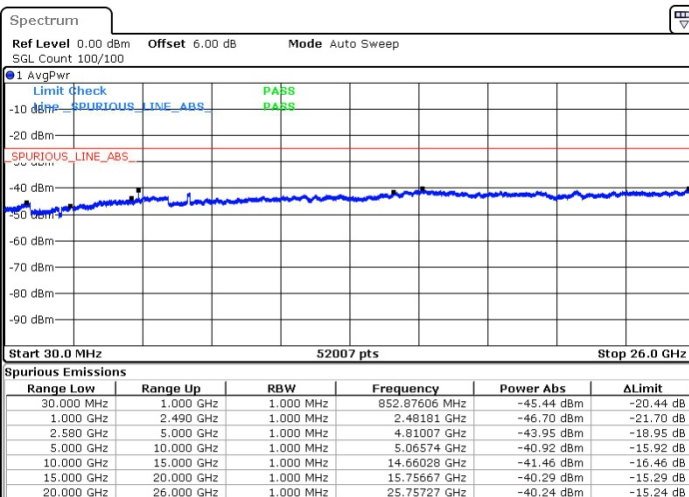
Date: 10 JUL 2015 01:28:03



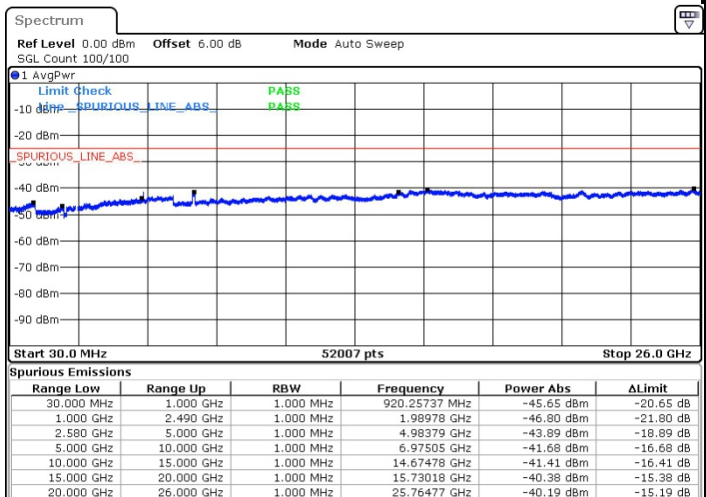
Date: 10 JUL 2015 01:29:12

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10 JUL 2015 01:31:08

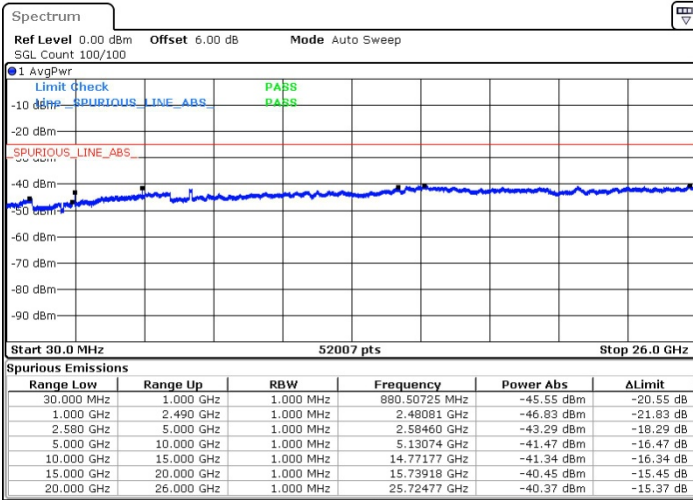


Date: 10 JUL 2015 01:32:18



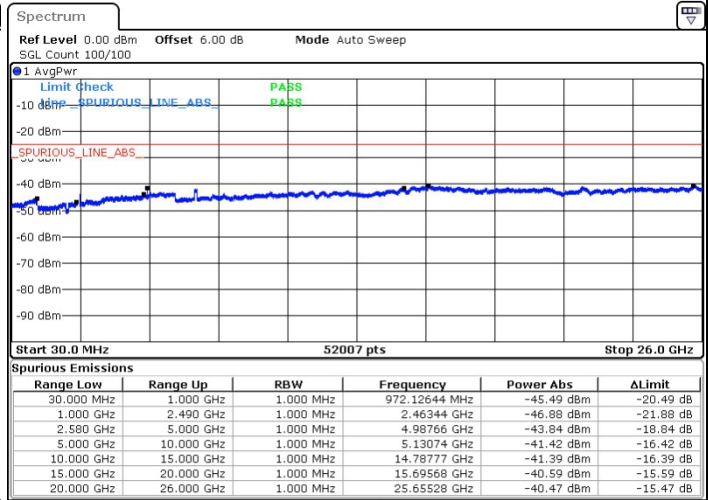
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 10 JUL 2015 01:38:48

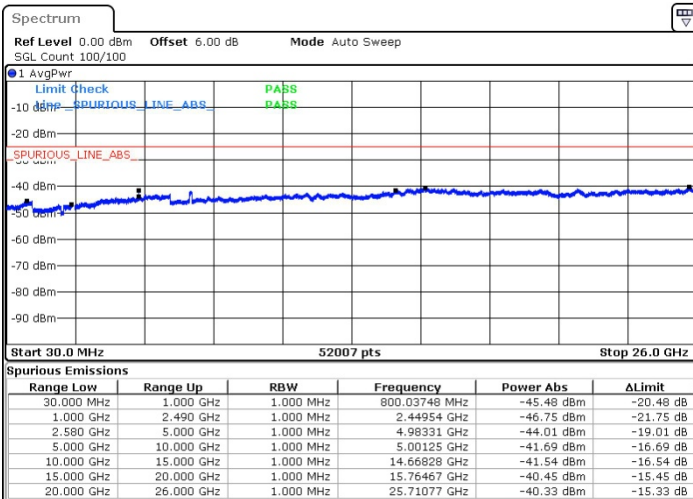
Highest Channel / 16QAM



Date: 10 JUL 2015 01:39:57

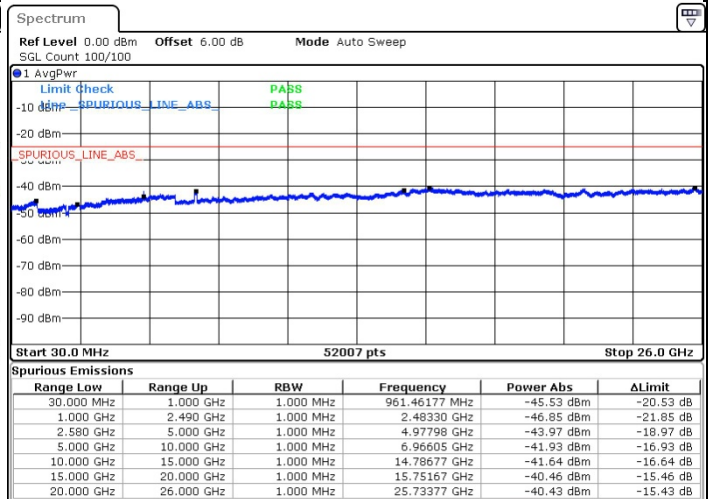
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 10 JUL 2015 01:46:27

Lowest Channel / 16QAM



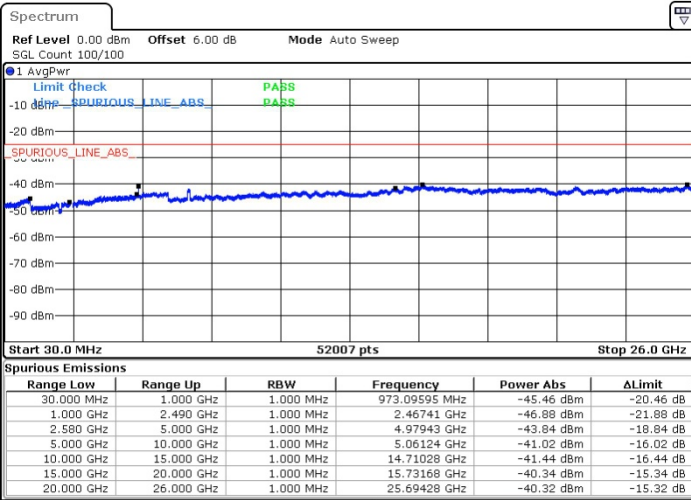
Date: 10 JUL 2015 01:47:37



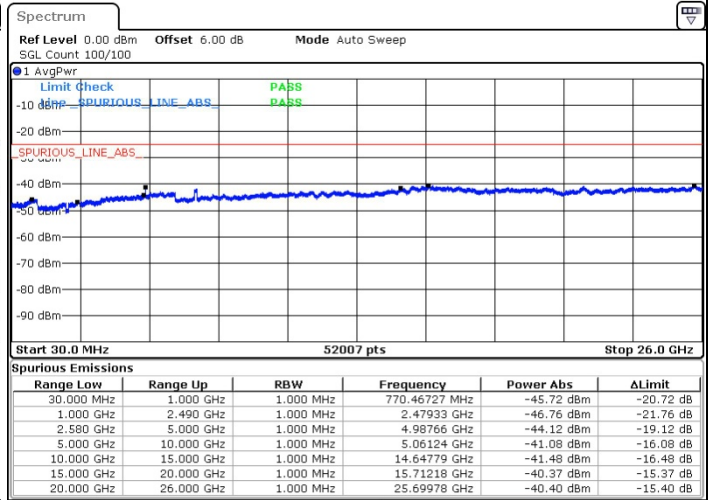
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



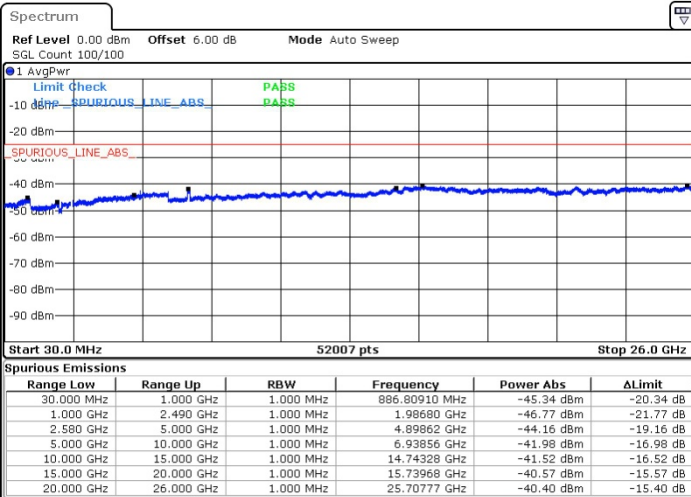
Date: 10 JUL 2015 01:49:33



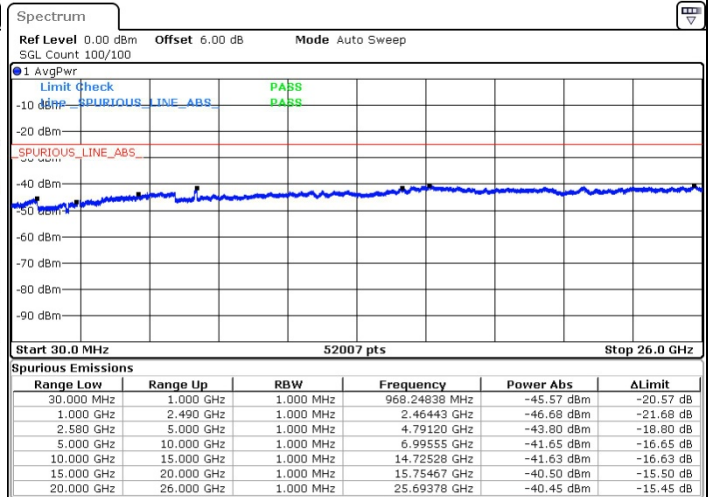
Date: 10 JUL 2015 01:50:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10 JUL 2015 01:57:13



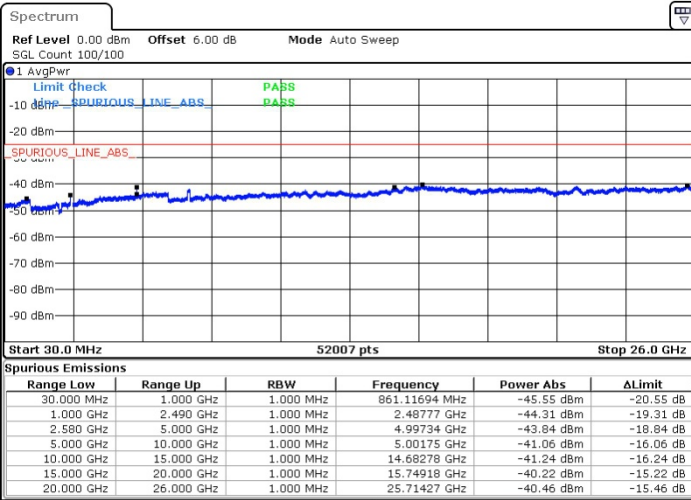
Date: 10 JUL 2015 01:58:22



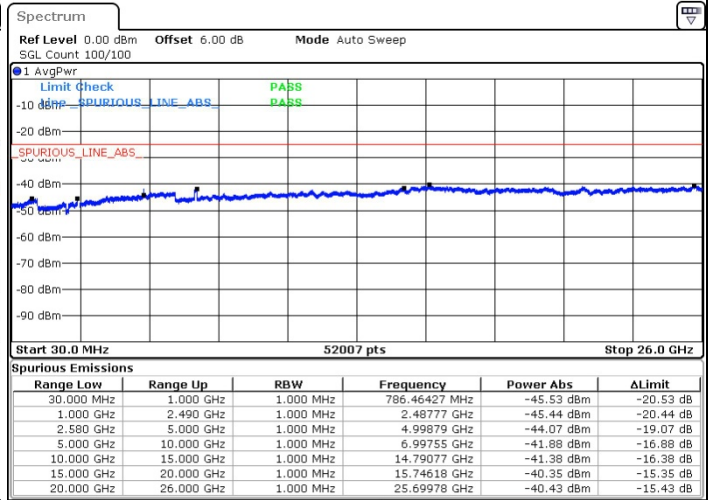
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



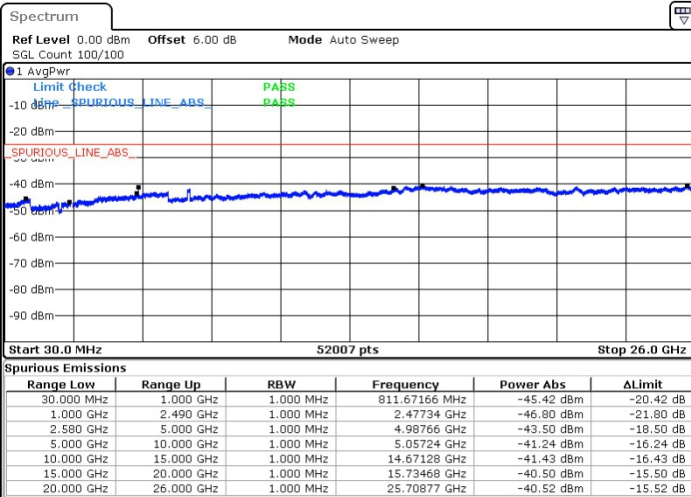
Date: 10 JUL 2015 02:04:53



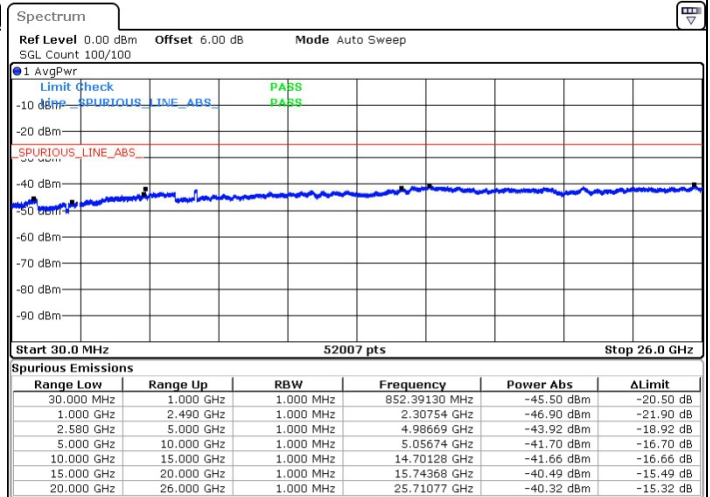
Date: 10 JUL 2015 02:06:03

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10 JUL 2015 02:07:59



Date: 10 JUL 2015 02:08:08



LTE Band 7 / 15MHz

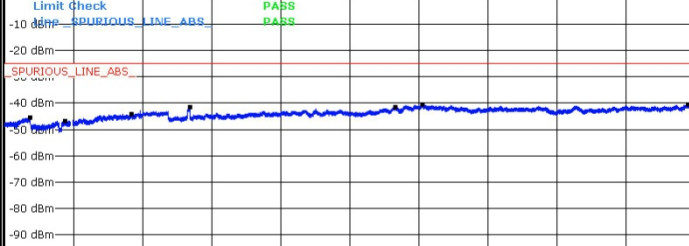
Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 52007 pts Stop 26.0 GHz

Spurious Emissions

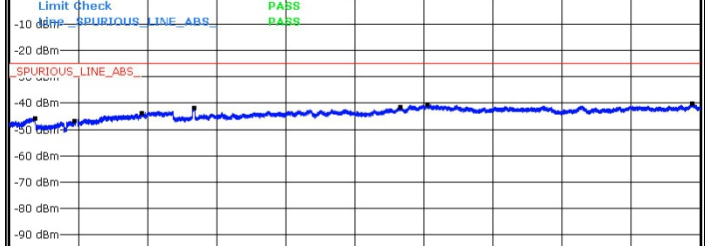
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31250 GHz	-46.89 dBm	-21.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78829 GHz	-44.12 dBm	-19.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.61 dBm	-16.61 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.70828 GHz	-41.50 dBm	-16.50 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.73768 GHz	-40.61 dBm	-15.61 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.72877 GHz	-40.44 dBm	-15.44 dB

Date: 10 JUL 2015 02:15:39

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 52007 pts Stop 26.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-45.69 dBm	-20.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47436 GHz	-46.87 dBm	-21.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99831 GHz	-43.88 dBm	-18.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95205 GHz	-41.92 dBm	-16.92 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.71028 GHz	-41.58 dBm	-16.58 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.75917 GHz	-40.38 dBm	-15.38 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.69628 GHz	-40.25 dBm	-15.25 dB

Date: 10 JUL 2015 02:16:48

LTE Band 7 / 20MHz

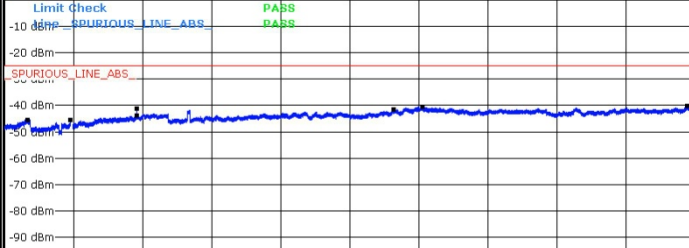
Lowest Channel / QPSK

Lowest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 52007 pts Stop 26.0 GHz

Spurious Emissions

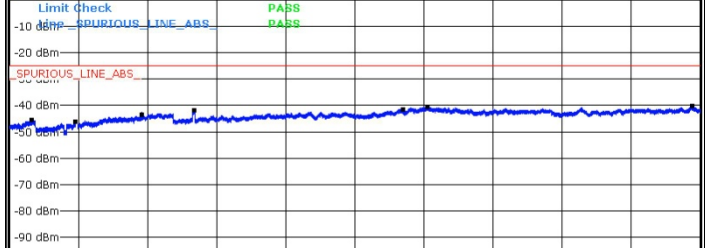
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-45.39 dBm	-20.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-45.40 dBm	-20.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.88 dBm	-18.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-41.13 dBm	-16.13 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.64979 GHz	-41.55 dBm	-16.55 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.74318 GHz	-40.48 dBm	-15.48 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.70127 GHz	-40.32 dBm	-15.32 dB

Date: 10 JUL 2015 02:23:18

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 52007 pts Stop 26.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-45.64 dBm	-20.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-46.06 dBm	-21.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-43.66 dBm	-18.66 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95905 GHz	-41.98 dBm	-16.98 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.81127 GHz	-41.61 dBm	-16.61 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.74418 GHz	-40.50 dBm	-15.50 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.71327 GHz	-40.07 dBm	-15.07 dB

Date: 10 JUL 2015 02:24:28

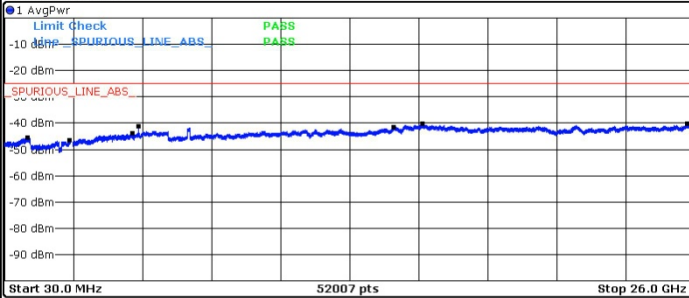


LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

Spectrum

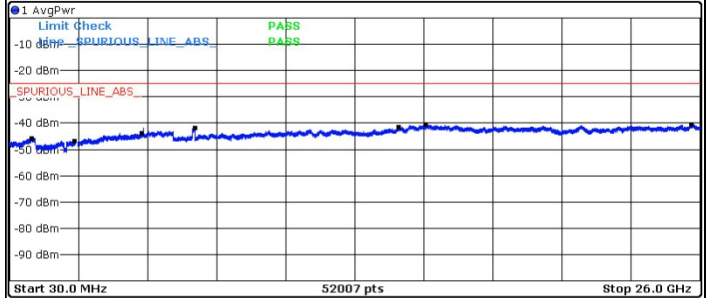
Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SQL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-45.45 dBm	-20.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-46.68 dBm	-21.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81491 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.64679 GHz	-41.49 dBm	-16.49 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.75067 GHz	-40.35 dBm	-15.35 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.71627 GHz	-40.35 dBm	-15.35 dB

Date: 10 JUL 2015 02:26:24

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SQL Count 100/100

Spurious Emissions

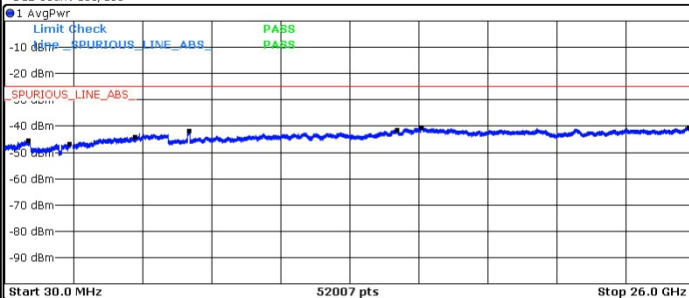
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.14743 MHz	-45.71 dBm	-20.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45053 GHz	-46.76 dBm	-21.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-43.91 dBm	-18.91 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98705 GHz	-41.89 dBm	-16.89 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.66628 GHz	-41.51 dBm	-16.51 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.68668 GHz	-40.56 dBm	-15.56 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.68228 GHz	-40.46 dBm	-15.46 dB

Date: 10 JUL 2015 02:27:33

Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

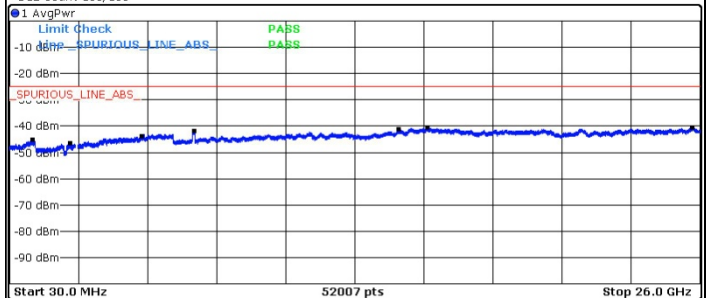
Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SQL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-45.40 dBm	-20.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45102 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92911 GHz	-44.18 dBm	-19.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96555 GHz	-41.94 dBm	-16.94 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.80227 GHz	-41.56 dBm	-16.56 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.71618 GHz	-40.50 dBm	-15.50 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.76377 GHz	-40.47 dBm	-15.47 dB

Date: 10 JUL 2015 02:34:03

Spectrum

Ref Level 0.00 dBm Offset 6.00 dB Mode Auto Sweep
SQL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30803 GHz	-46.66 dBm	-21.66 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.85 dBm	-18.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97355 GHz	-41.91 dBm	-16.91 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.66328 GHz	-41.21 dBm	-16.21 dB
15.000 GHz	20.000 GHz	1.000 MHz	15.73118 GHz	-40.51 dBm	-15.51 dB
20.000 GHz	26.000 GHz	1.000 MHz	25.71177 GHz	-40.48 dBm	-15.48 dB

Date: 10 JUL 2015 02:35:13

**Frequency Stability**

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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.