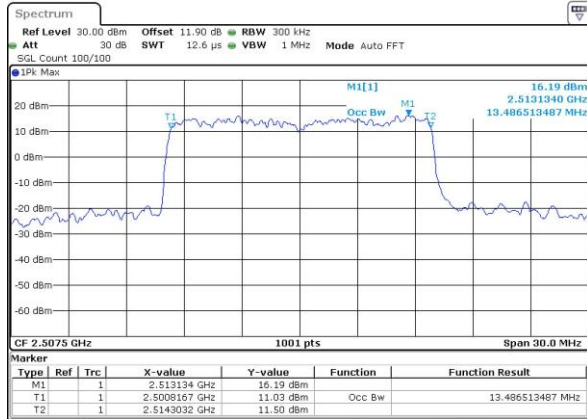




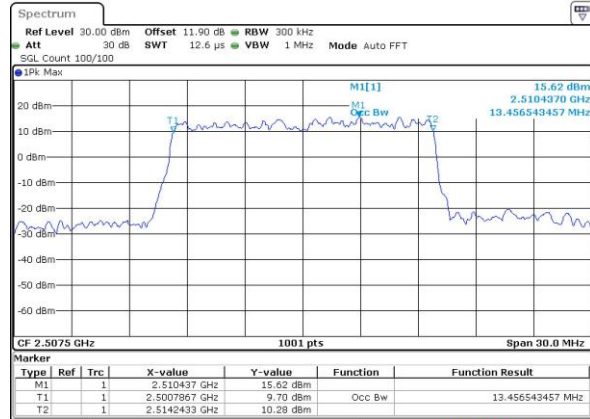
LTE Band 7

Lowest Channel / 15MHz / QPSK



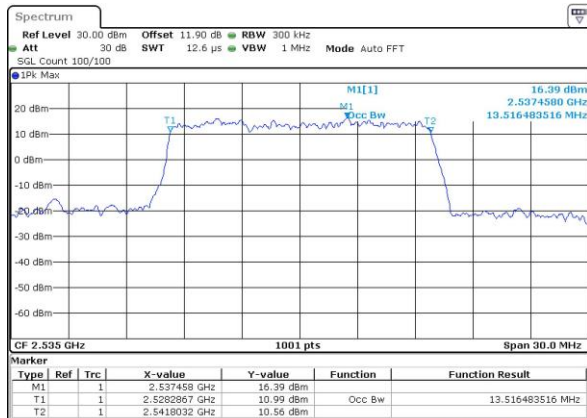
Date: 13 JAN 2017 01:01:39

Lowest Channel / 15MHz / 16QAM



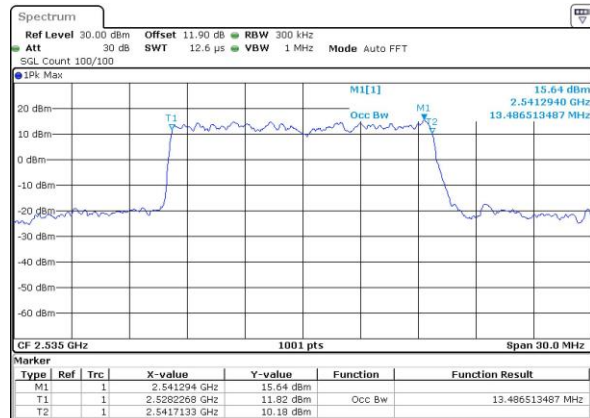
Date: 13 JAN 2017 01:01:49

Middle Channel / 15MHz / QPSK



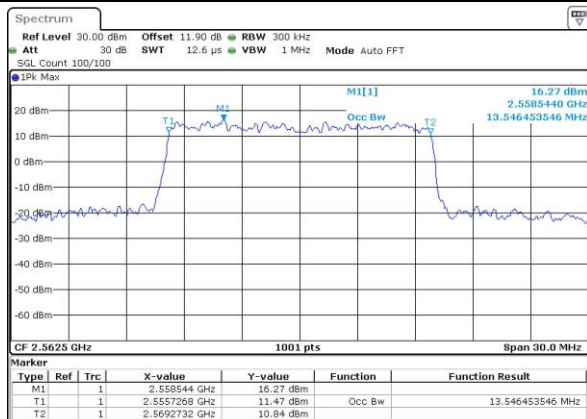
Date: 13 JAN 2017 01:08:47

Middle Channel / 15MHz / 16QAM



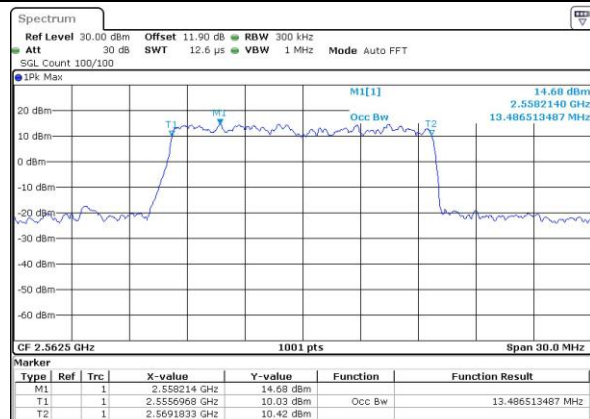
Date: 13 JAN 2017 01:08:57

Highest Channel / 15MHz / QPSK



Date: 13 JAN 2017 01:11:16

Highest Channel / 15MHz / 16QAM

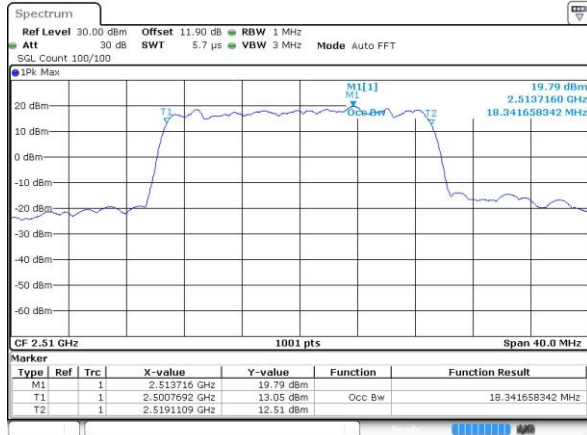


Date: 13 JAN 2017 01:11:26



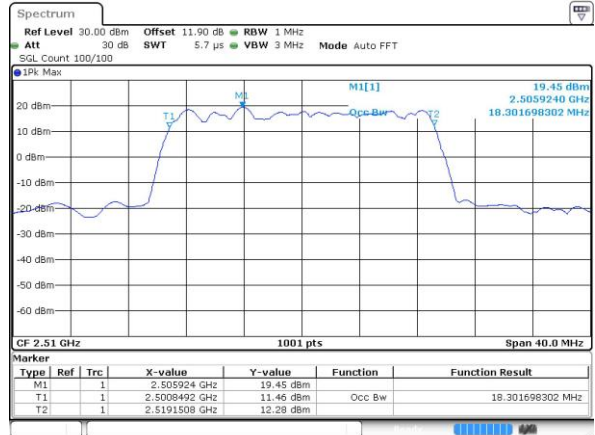
LTE Band 7

Lowest Channel / 20MHz / QPSK



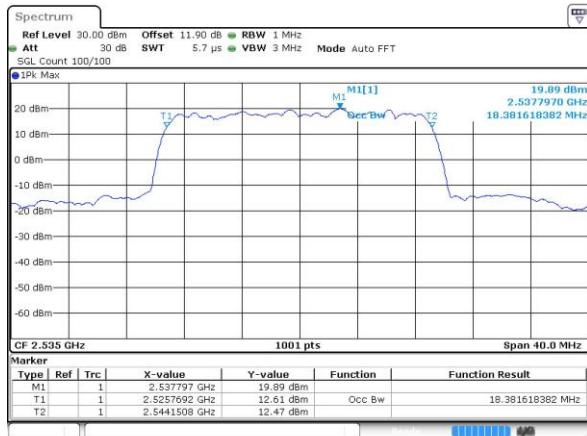
Date: 13 JAN 2017 01:18:24

Lowest Channel / 20MHz / 16QAM



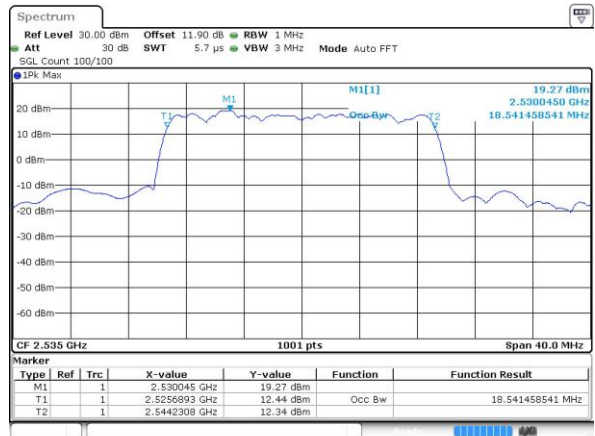
Date: 13 JAN 2017 01:18:34

Middle Channel / 20MHz / QPSK



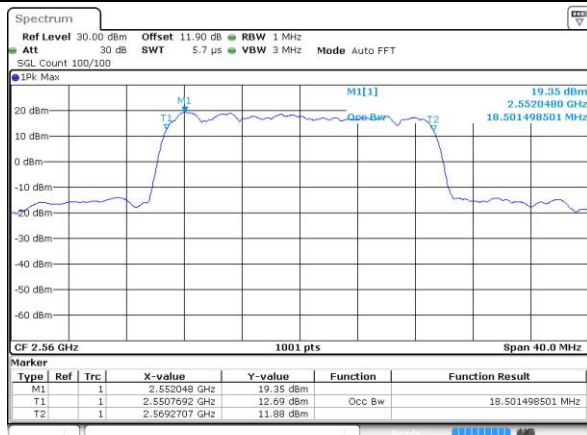
Date: 13 JAN 2017 01:25:32

Middle Channel / 20MHz / 16QAM



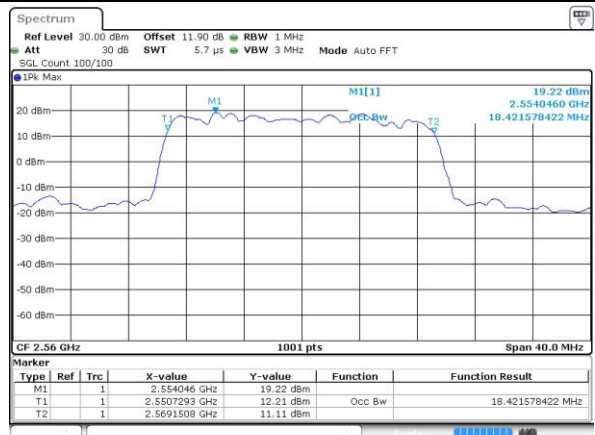
Date: 13 JAN 2017 01:25:42

Highest Channel / 20MHz / QPSK

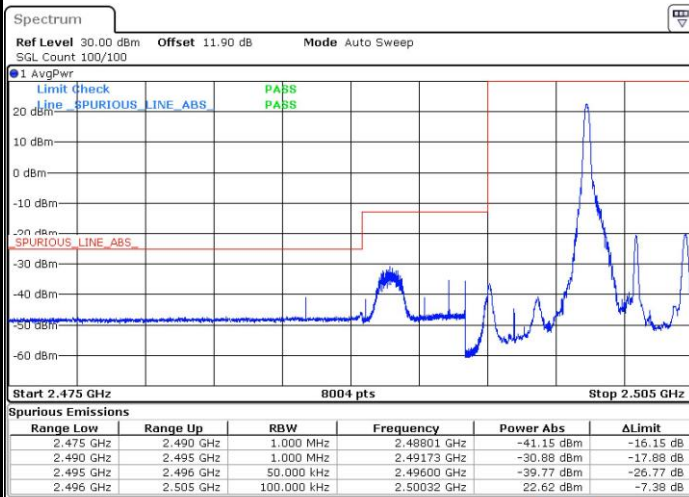
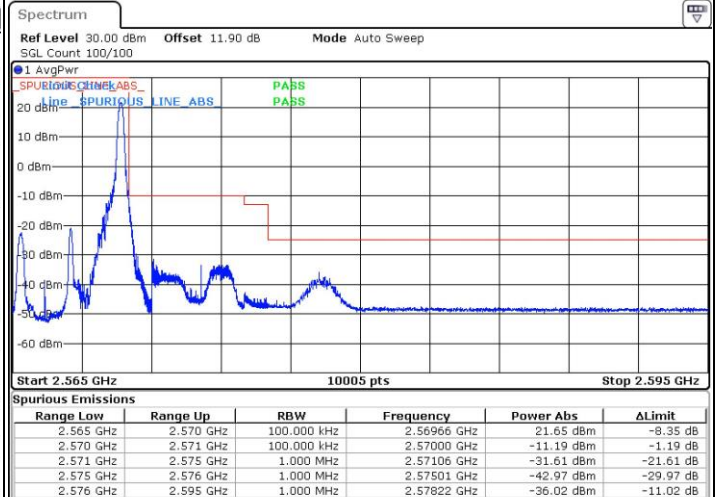
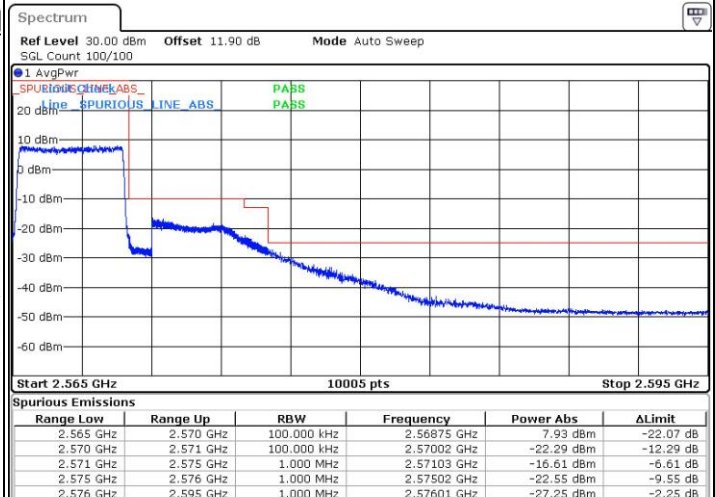


Date: 13 JAN 2017 01:28:00

Highest Channel / 20MHz / 16QAM



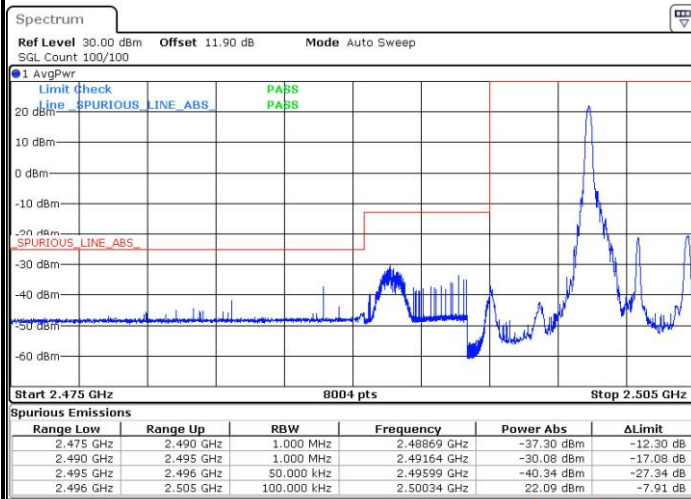
Date: 13 JAN 2017 01:28:11

**Conducted Band Edge****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**



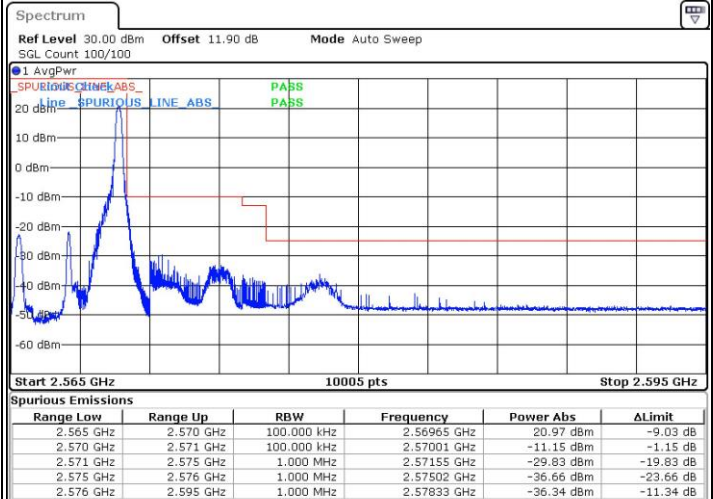
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 13 JAN 2017 00:31:00

Highest Band Edge / 1 RB



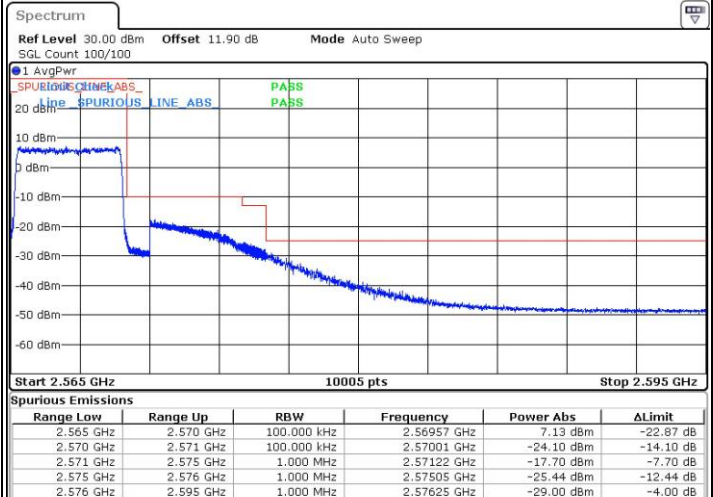
Date: 13 JAN 2017 18:05:00

Lowest Band Edge / Full RB



Date: 13 JAN 2017 00:33:19

Highest Band Edge / Full RB

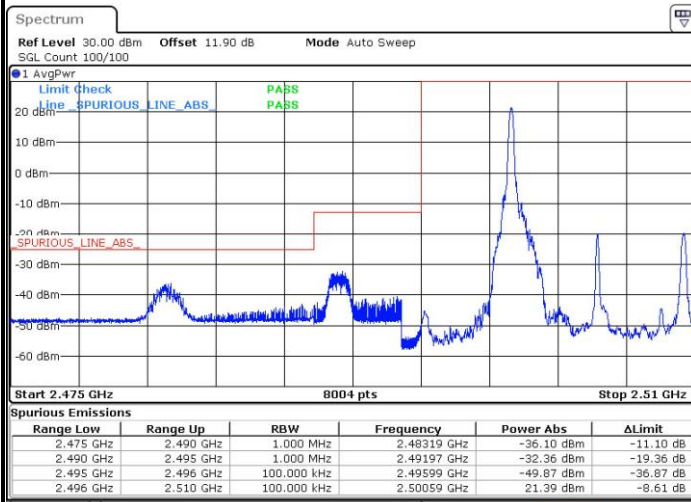


Date: 13 JAN 2017 00:42:56

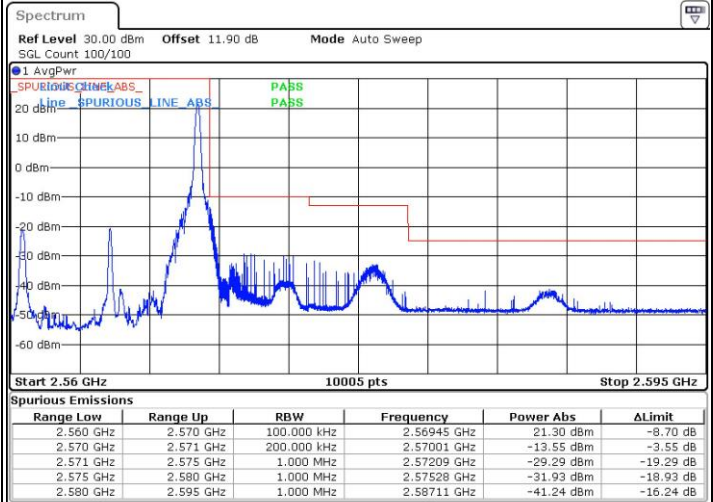


LTE Band 7 / 10MHz / QPSK

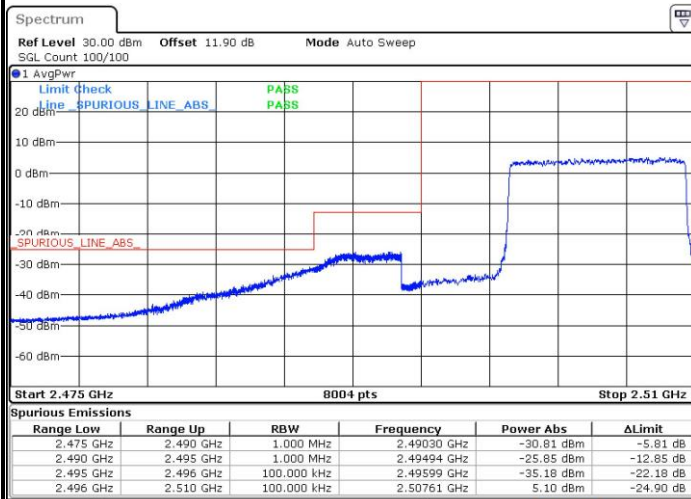
Lowest Band Edge / 1 RB



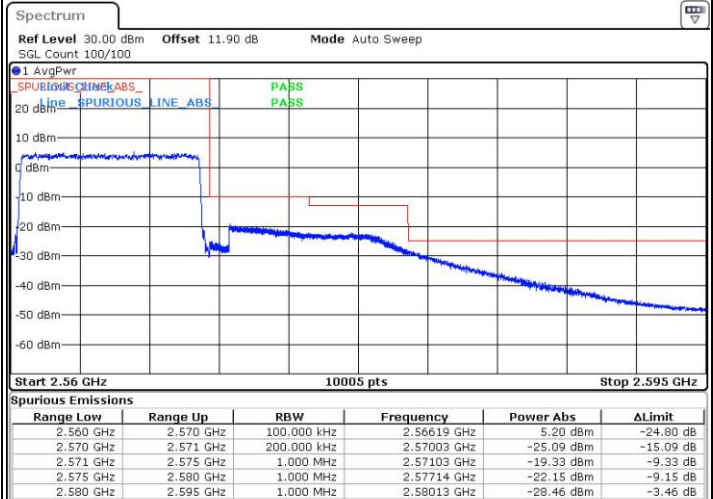
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



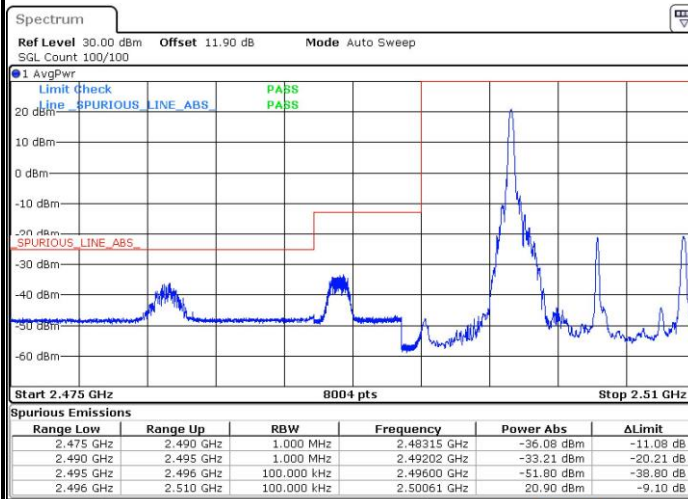
Highest Band Edge / Full RB



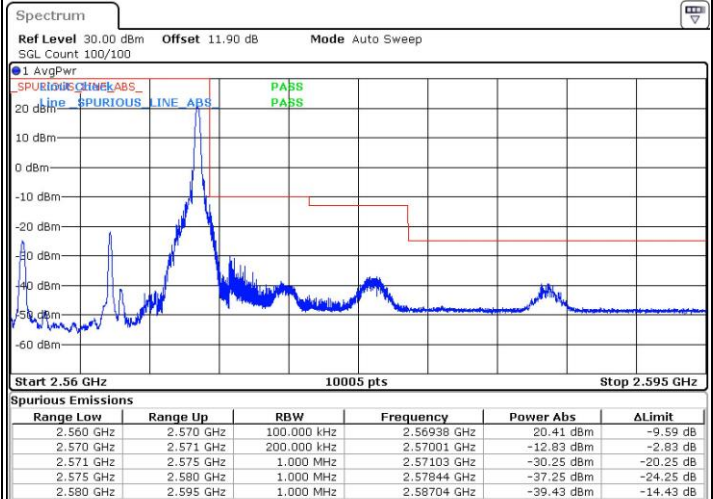


LTE Band 7 / 10MHz / 16QAM

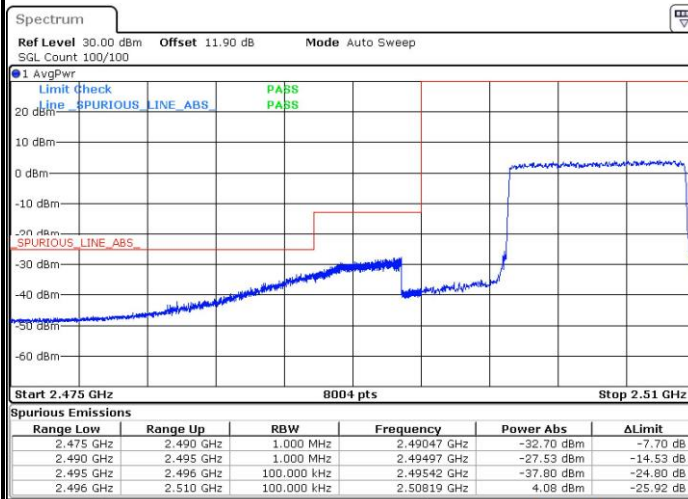
Lowest Band Edge / 1 RB



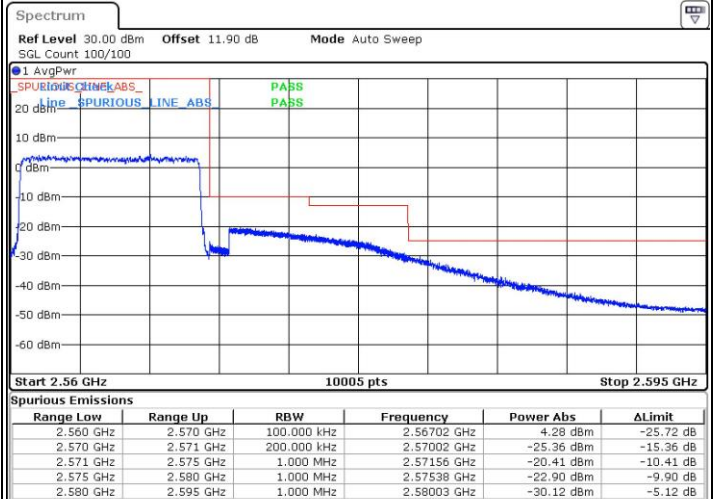
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



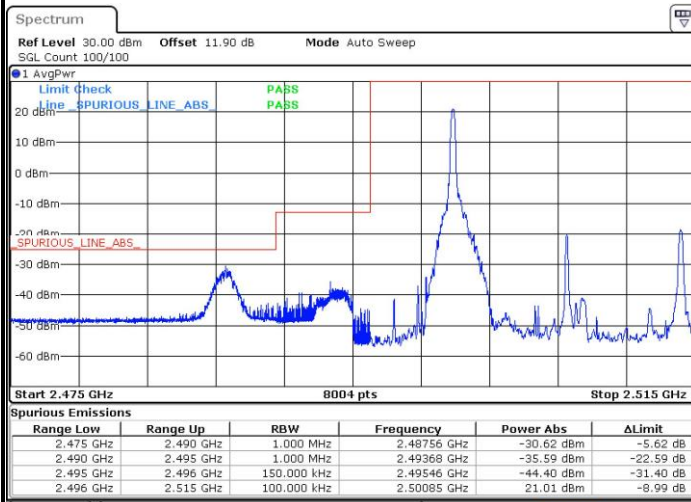
Highest Band Edge / Full RB



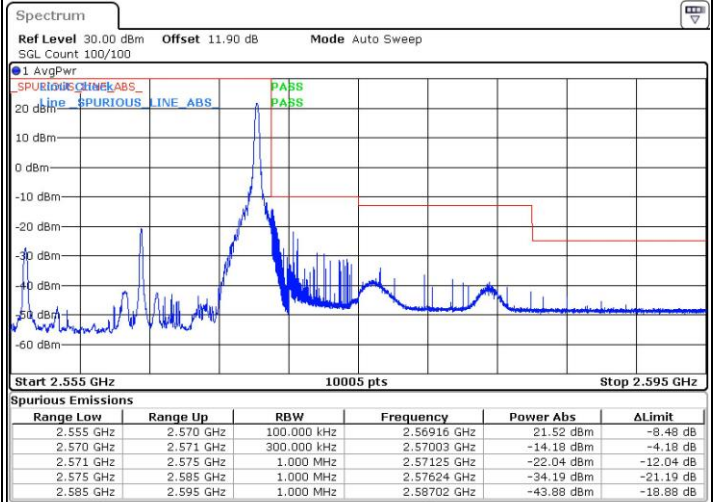


LTE Band 7 / 15MHz / QPSK

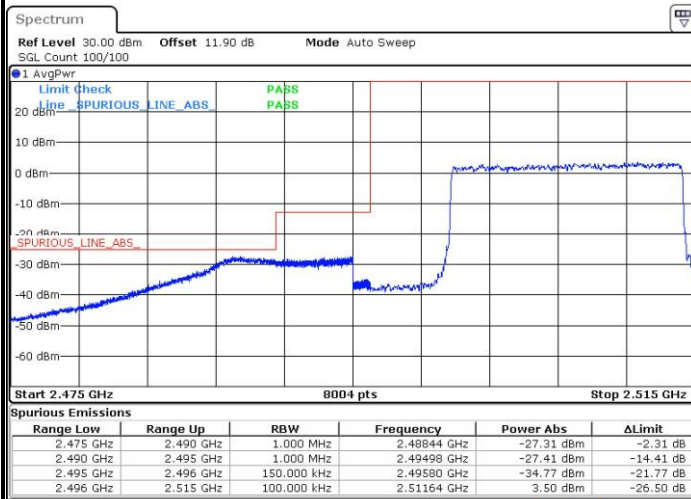
Lowest Band Edge / 1 RB



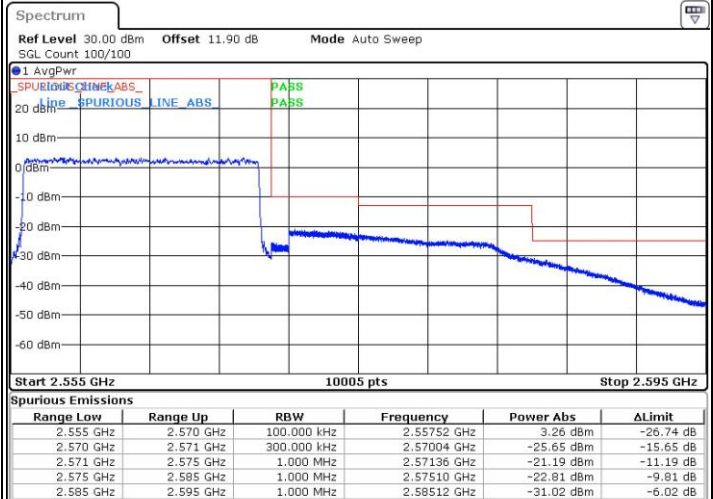
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



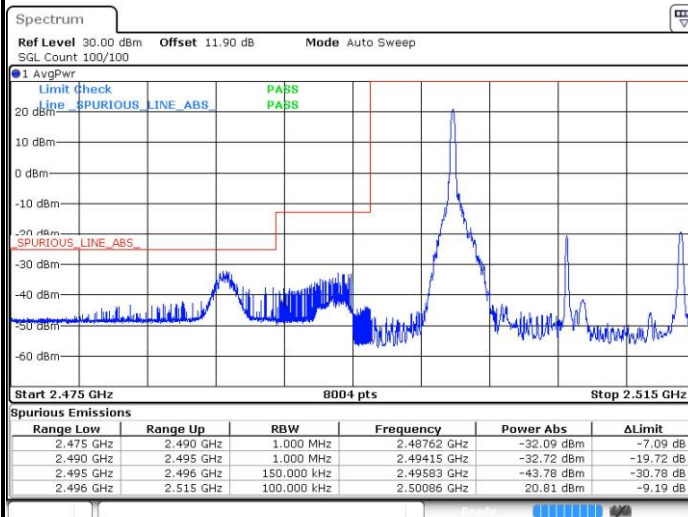
Highest Band Edge / Full RB



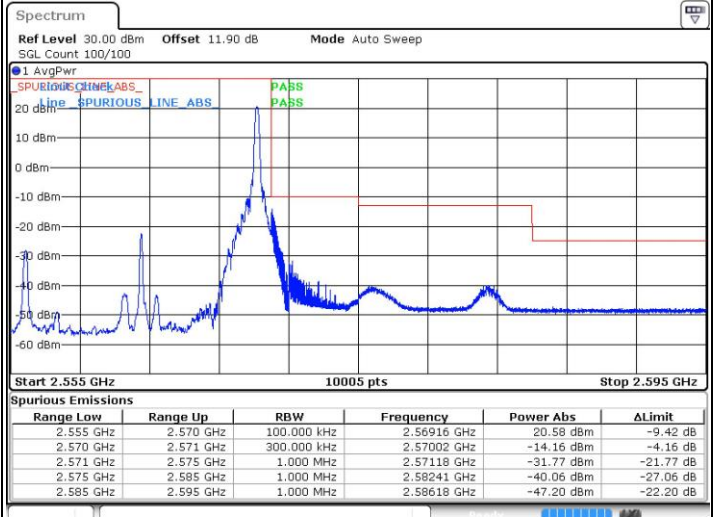


LTE Band 7 / 15MHz / 16QAM

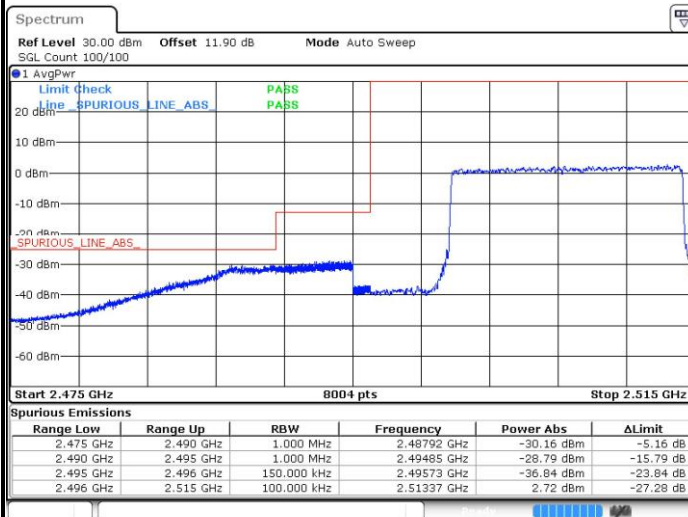
Lowest Band Edge / 1 RB



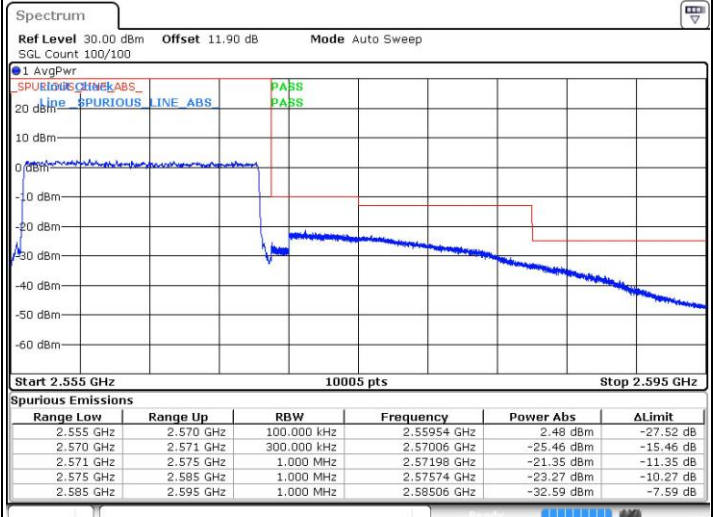
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



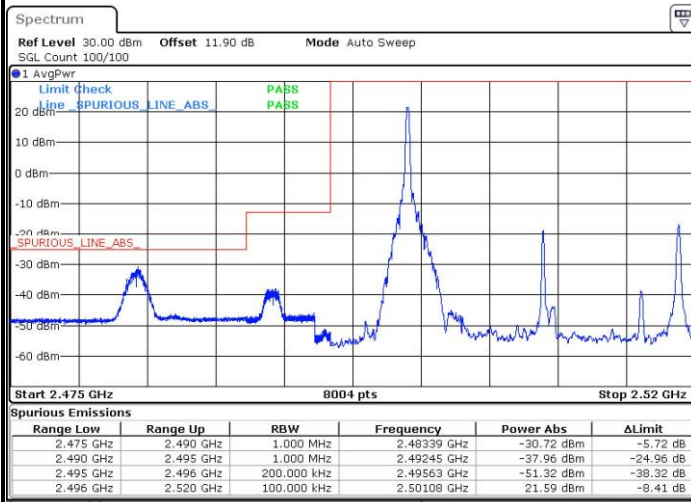
Highest Band Edge / Full RB



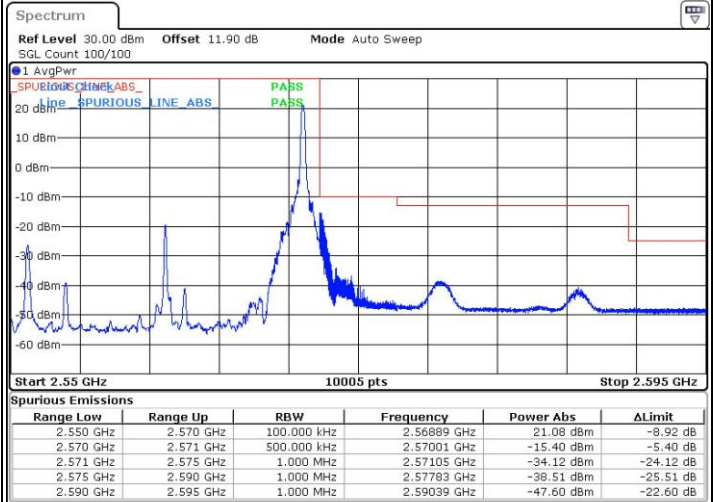


LTE Band 7 / 20MHz / QPSK

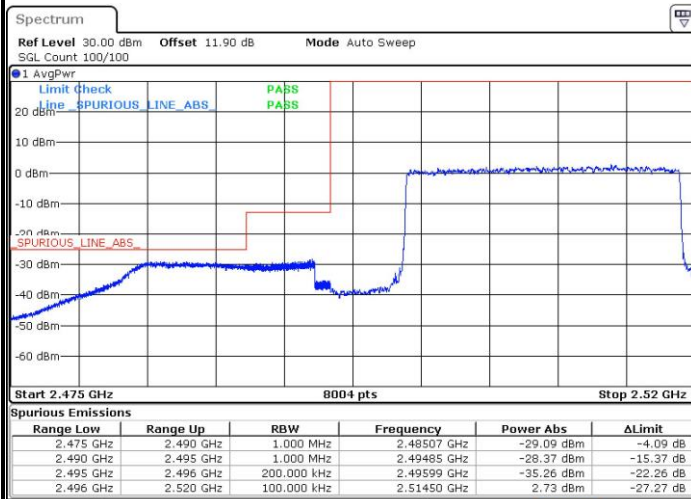
Lowest Band Edge / 1 RB



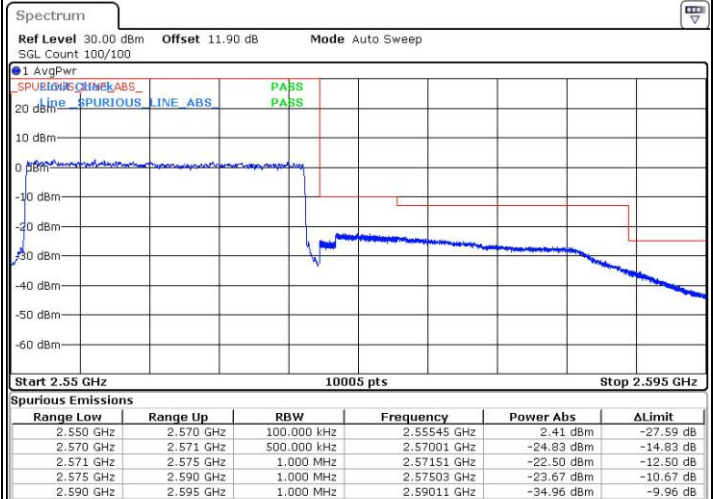
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



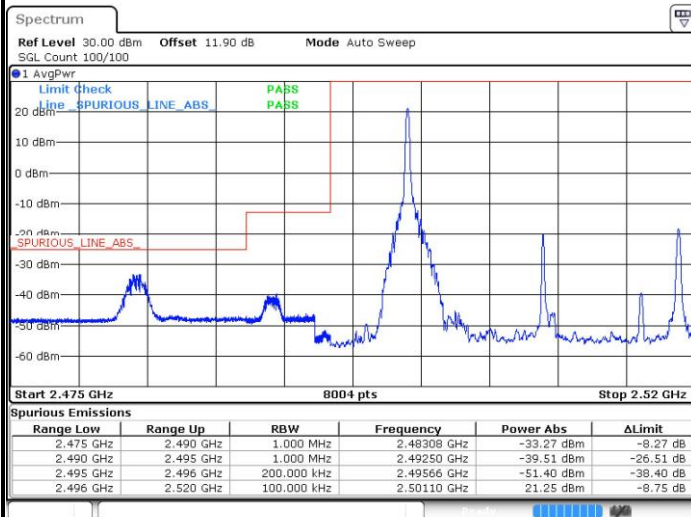
Highest Band Edge / Full RB



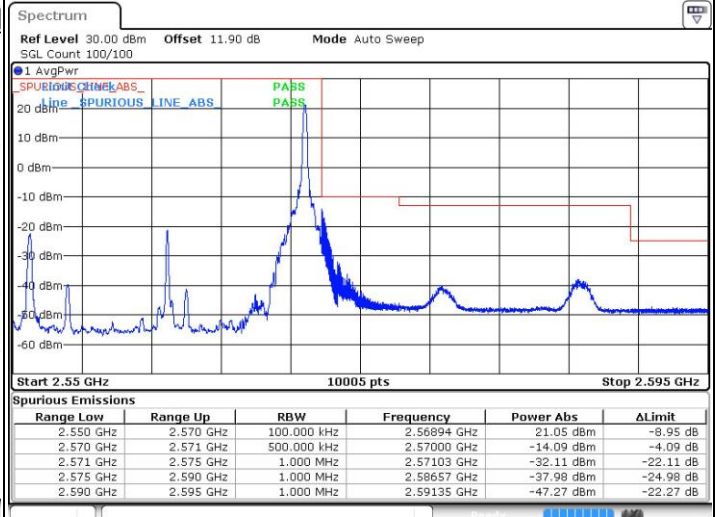


LTE Band 7 / 20MHz / 16QAM

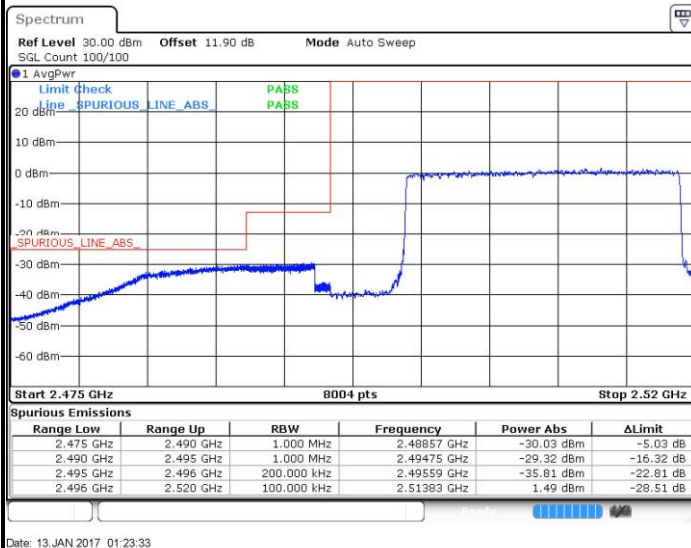
Lowest Band Edge / 1 RB



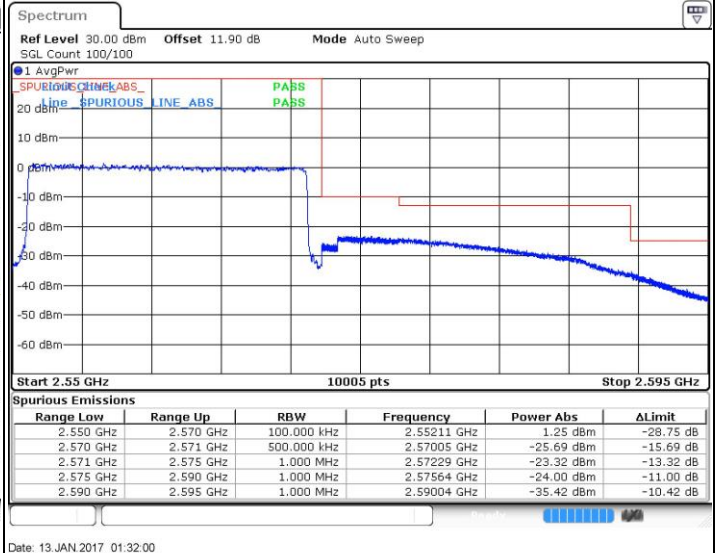
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

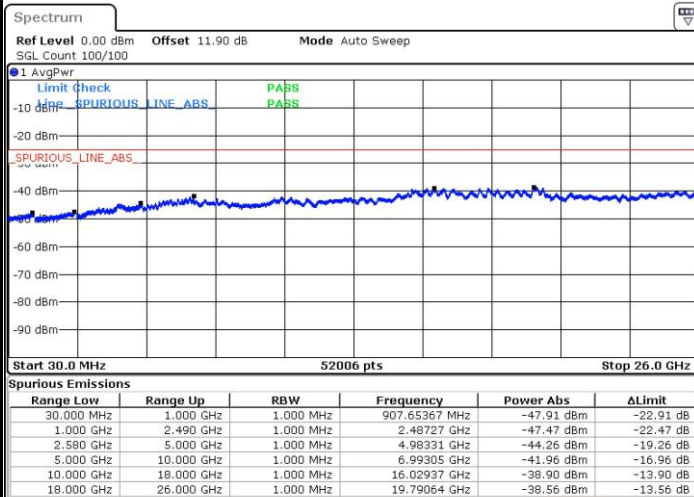




Conducted Spurious Emission

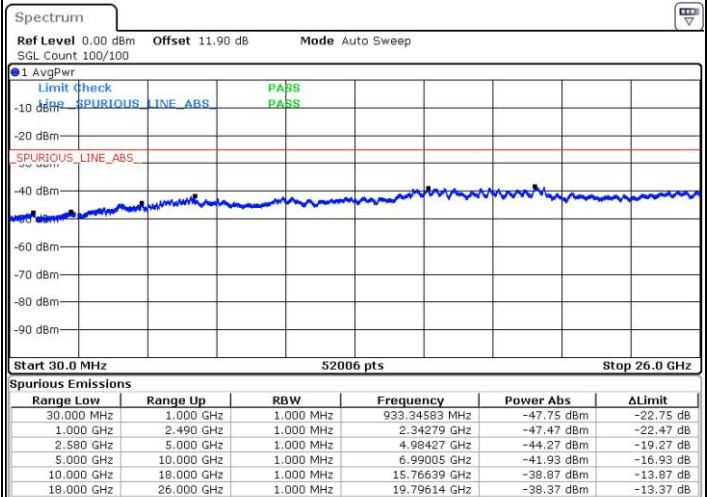
LTE Band 7 / 5MHz

Lowest Channel / QPSK



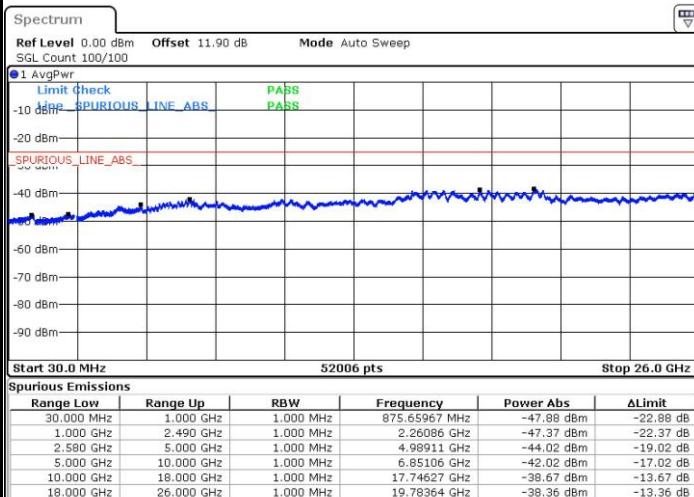
Date: 13 JAN 2017 00:34:13

Lowest Channel / 16QAM



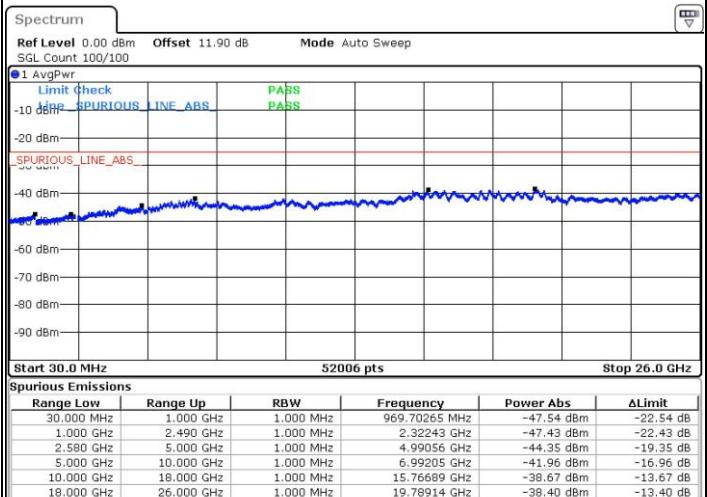
Date: 13 JAN 2017 00:35:07

Middle Channel / QPSK



Date: 13 JAN 2017 00:36:42

Middle Channel / 16QAM

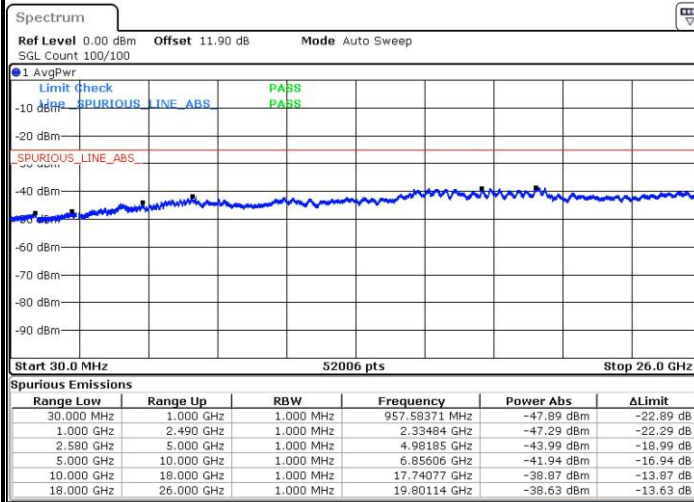


Date: 13 JAN 2017 00:37:36



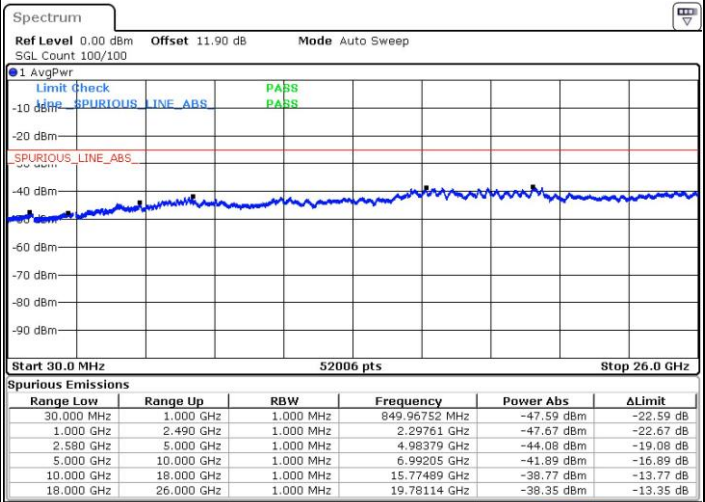
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 13 JAN 2017 00:43:50

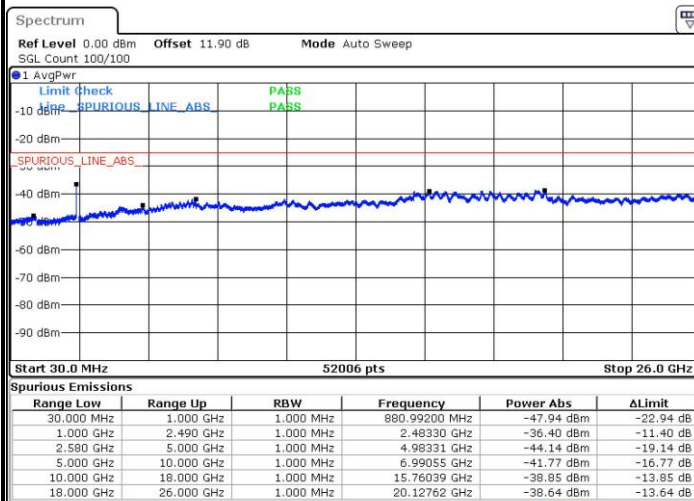
Highest Channel / 16QAM



Date: 13 JAN 2017 00:44:44

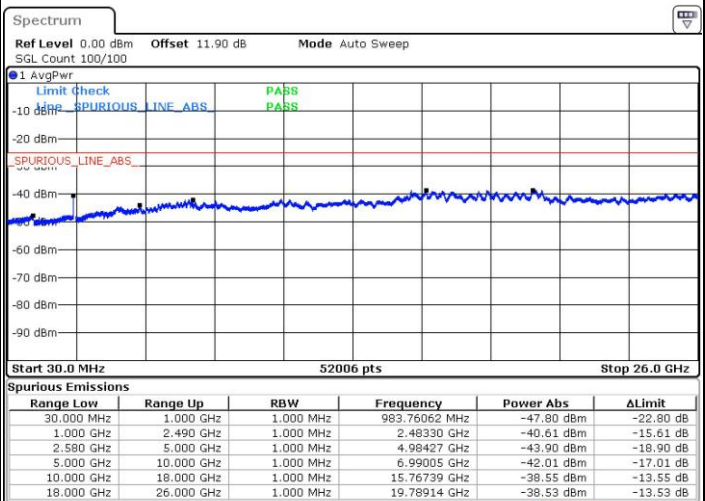
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 13 JAN 2017 00:50:58

Lowest Channel / 16QAM

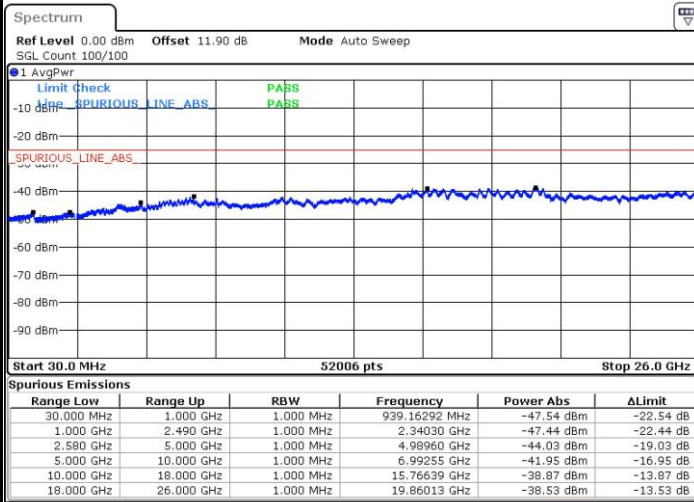


Date: 13 JAN 2017 00:51:51



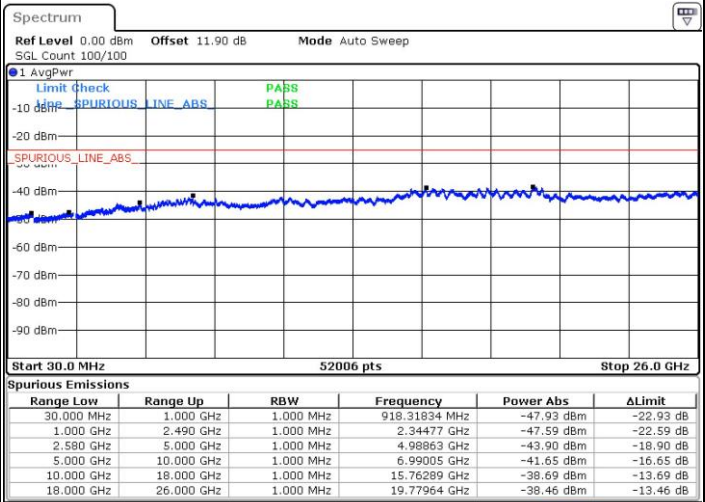
LTE Band 7 / 10MHz

Middle Channel / QPSK



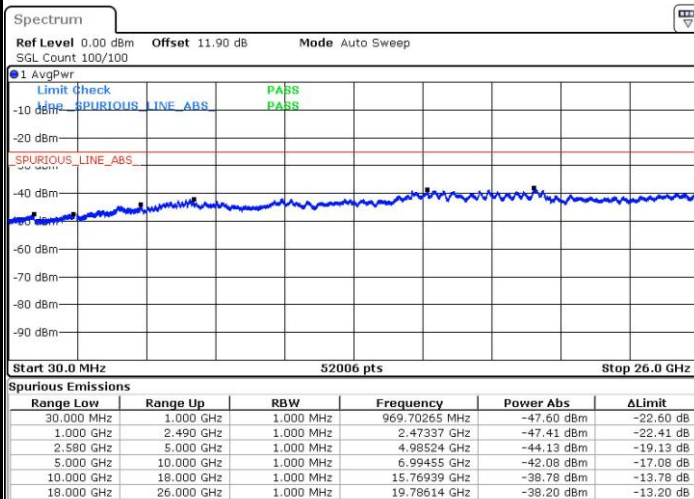
Date: 13 JAN 2017 00:53:27

Middle Channel / 16QAM



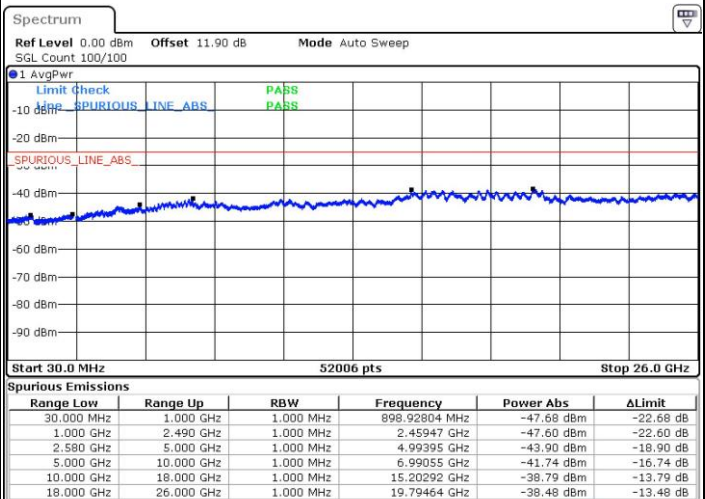
Date: 13 JAN 2017 00:54:20

Highest Channel / QPSK



Date: 13 JAN 2017 01:00:35

Highest Channel / 16QAM

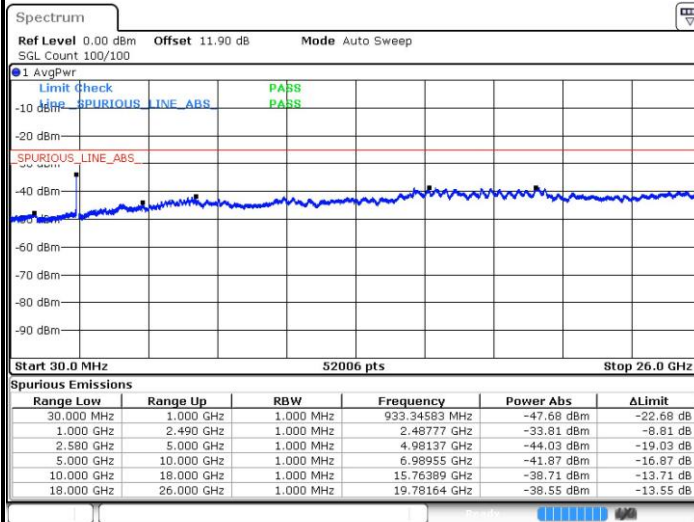


Date: 13 JAN 2017 01:01:28



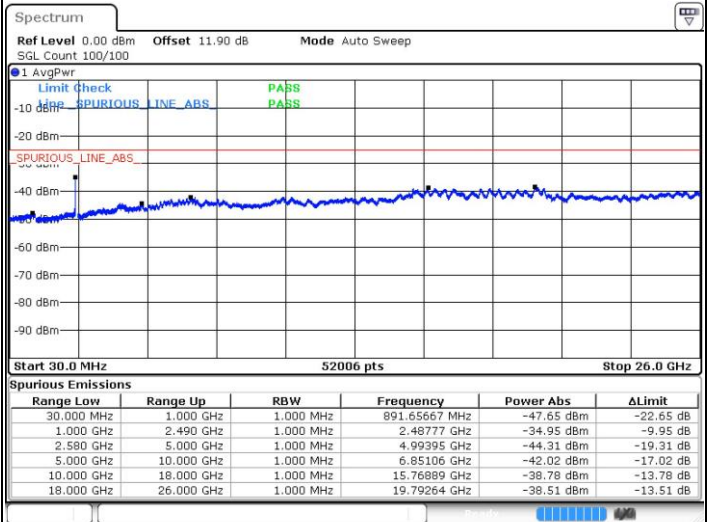
LTE Band 7 / 15MHz

Lowest Channel / QPSK



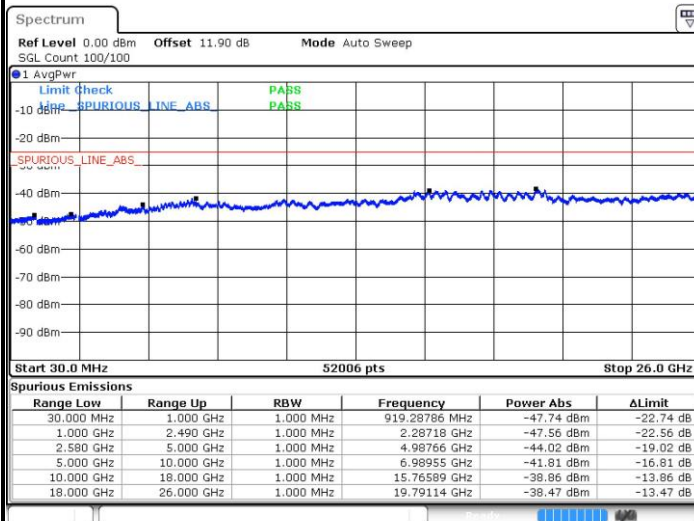
Date: 13 JAN 2017 01:07:43

Lowest Channel / 16QAM



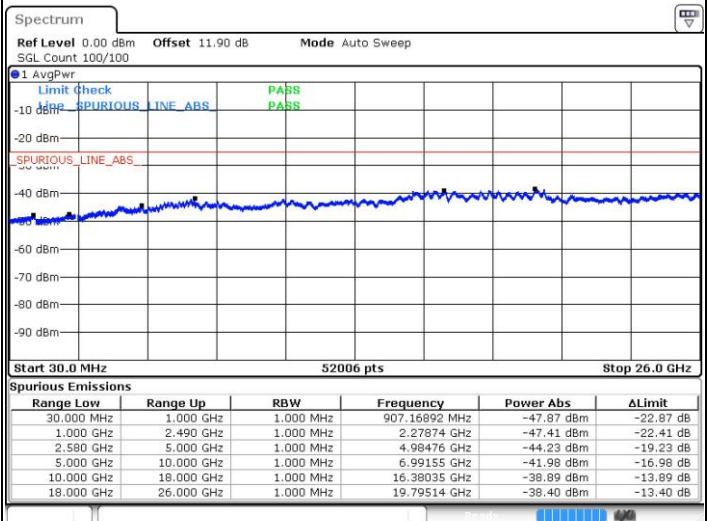
Date: 13 JAN 2017 01:08:36

Middle Channel / QPSK



Date: 13 JAN 2017 01:10:11

Middle Channel / 16QAM

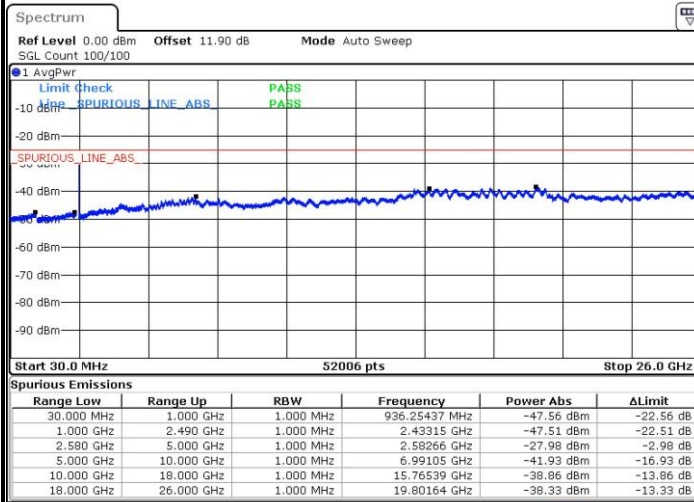


Date: 13 JAN 2017 01:11:05



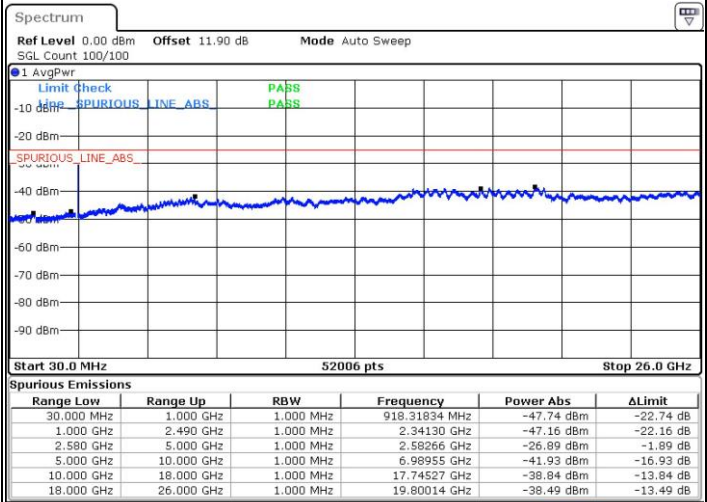
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 13 JAN 2017 01:17:19

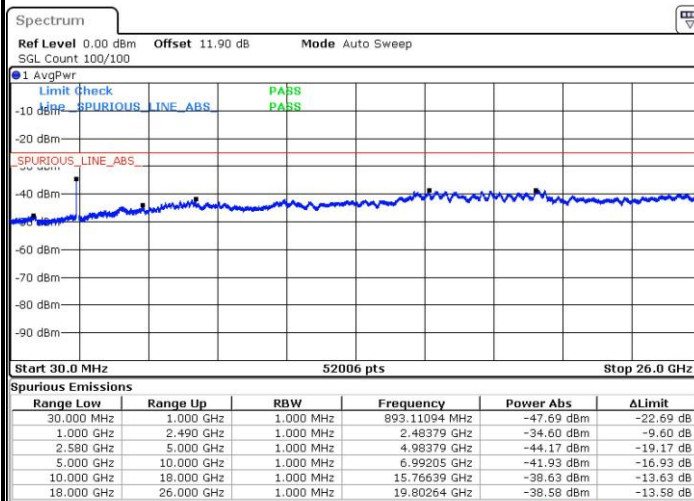
Highest Channel / 16QAM



Date: 13 JAN 2017 01:18:13

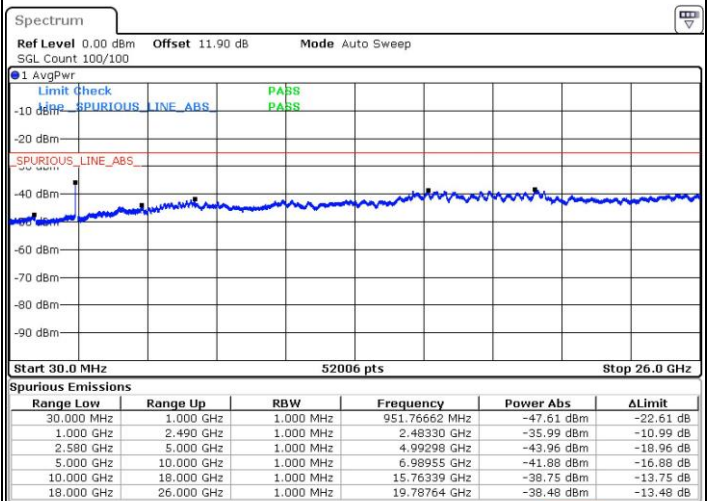
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 13 JAN 2017 01:24:27

Lowest Channel / 16QAM

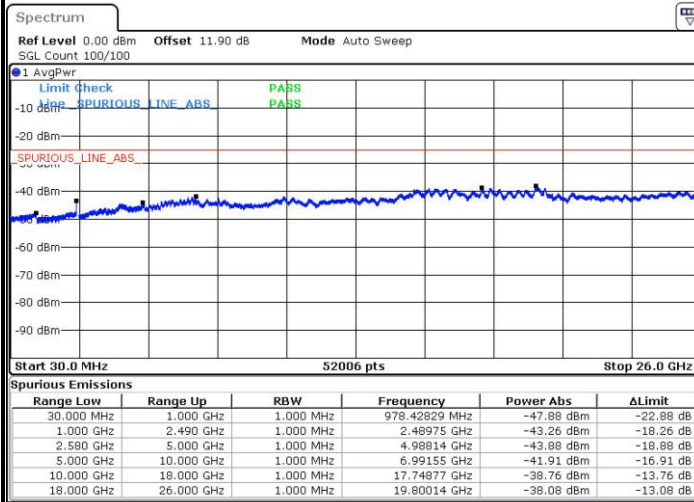


Date: 13 JAN 2017 01:25:21



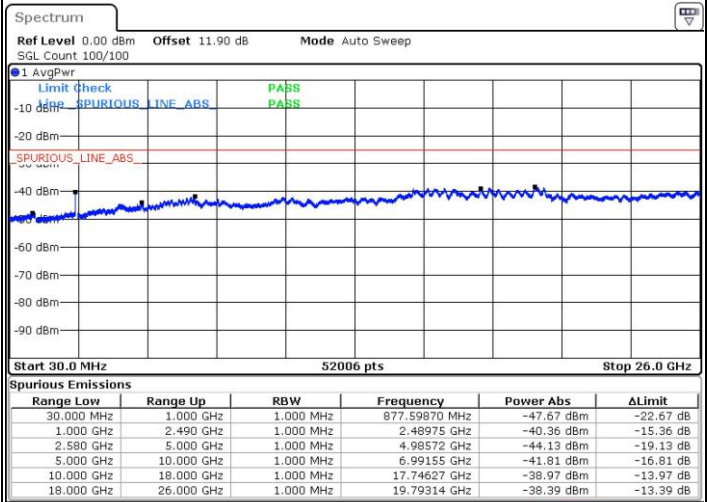
LTE Band 7 / 20MHz

Middle Channel / QPSK



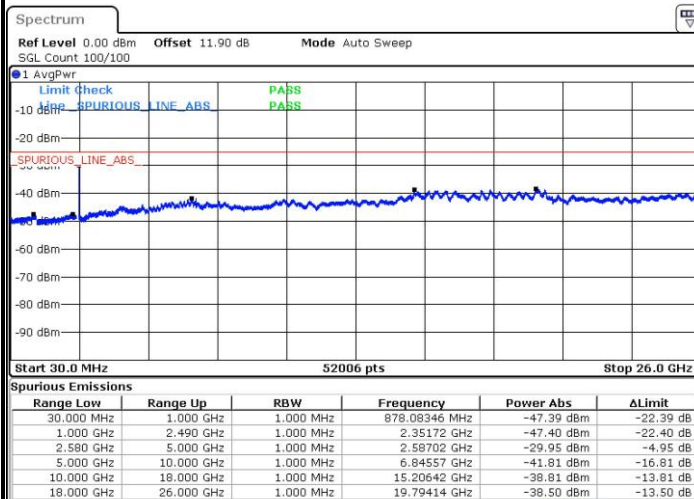
Date: 13 JAN 2017 01:26:56

Middle Channel / 16QAM



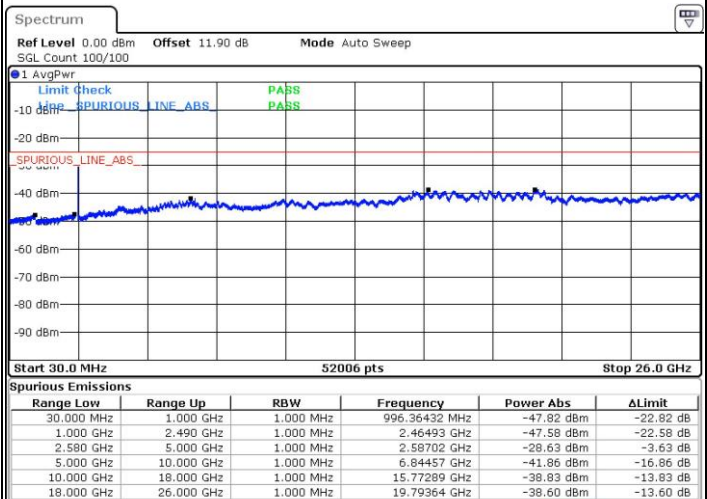
Date: 13 JAN 2017 01:27:50

Highest Channel / QPSK



Date: 13 JAN 2017 01:34:04

Highest Channel / 16QAM



Date: 13 JAN 2017 01:34:58

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	0.0013	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



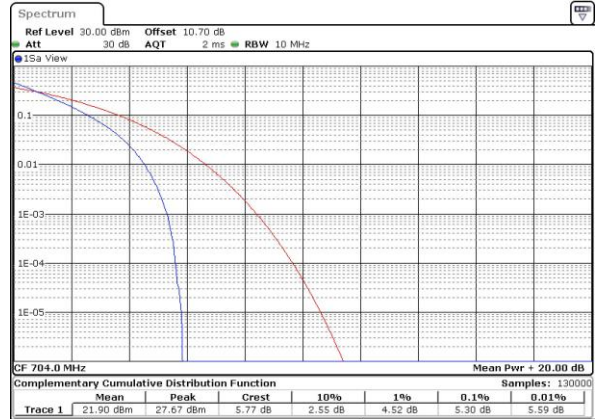
LTE Band 12

Peak-to-Average Ratio

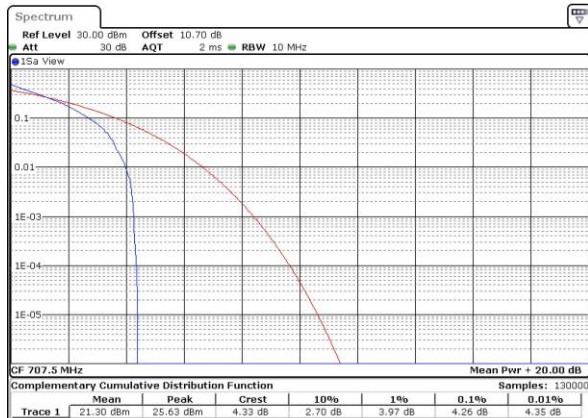
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.09	5.3	4.84	6.09	PASS
Middle CH	4.26	5.13	4.99	5.97	
Highest CH	4.46	4.9	5.19	5.86	

LTE Band 12 / 10MHz / QPSK
Lowest Channel / 1RB


Date: 17 JAN 2017 20:57:50

Lowest Channel / Full RB


Date: 17 JAN 2017 20:57:40

Middle Channel / 1RB


Date: 17 JAN 2017 20:58:24

Middle Channel / Full RB


Date: 17 JAN 2017 20:59:08

Highest Channel / 1RB


Date: 17 JAN 2017 20:59:59

Highest Channel / Full RB


Date: 17 JAN 2017 20:59:22