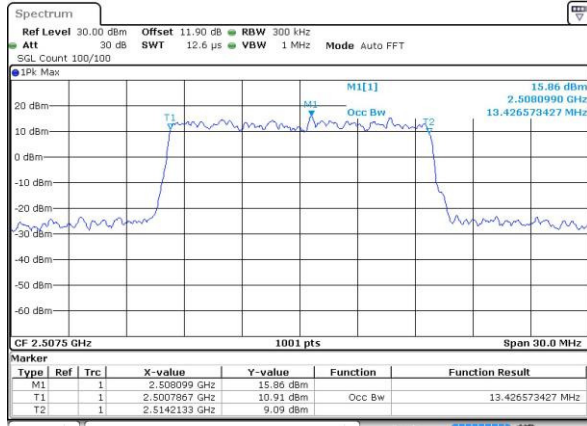




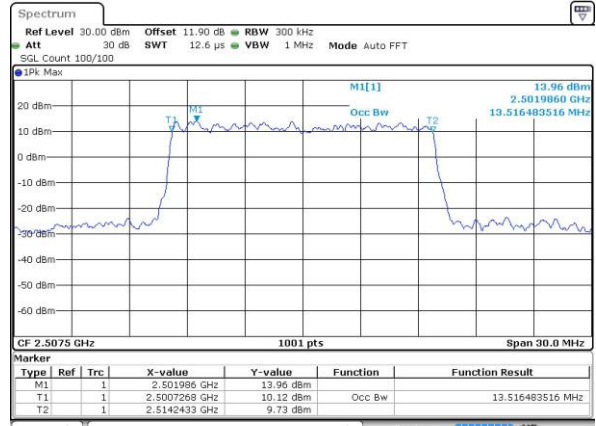
LTE Band 7

Lowest Channel / 15MHz / QPSK



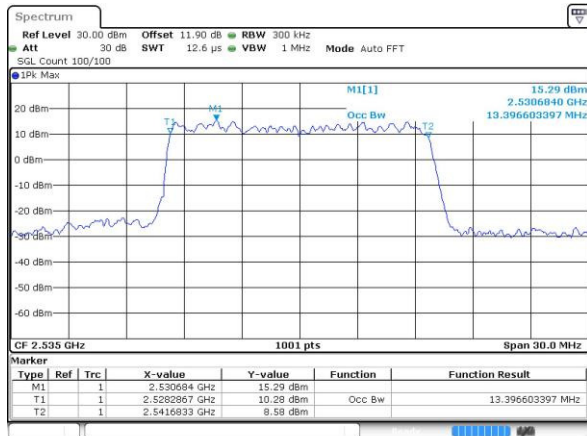
Date: 17 FEB 2017 11:46:59

Lowest Channel / 15MHz / 16QAM



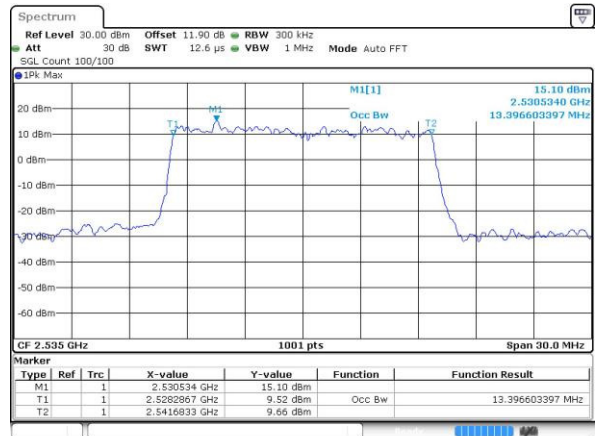
Date: 17 FEB 2017 11:47:10

Middle Channel / 15MHz / QPSK



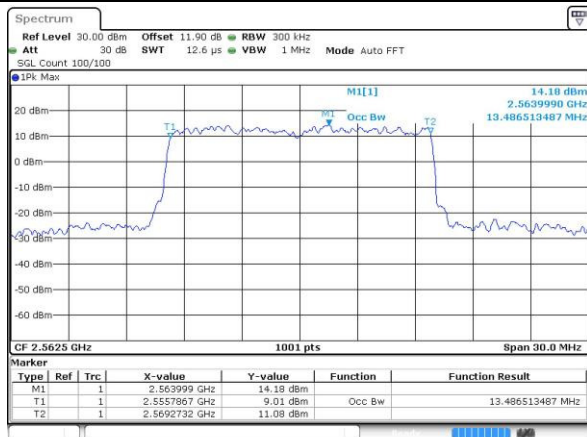
Date: 17 FEB 2017 11:54:07

Middle Channel / 15MHz / 16QAM



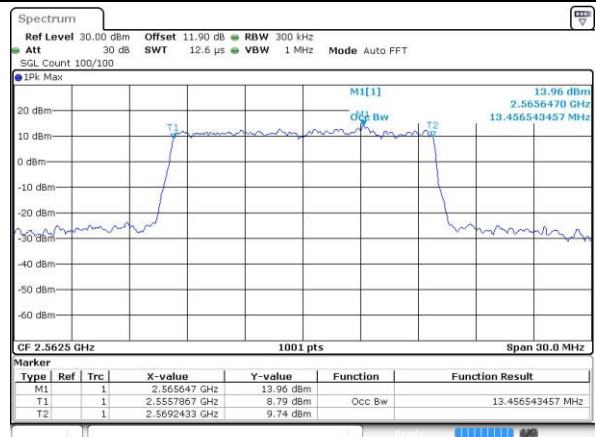
Date: 17 FEB 2017 11:54:17

Highest Channel / 15MHz / QPSK



Date: 17 FEB 2017 11:56:36

Highest Channel / 15MHz / 16QAM

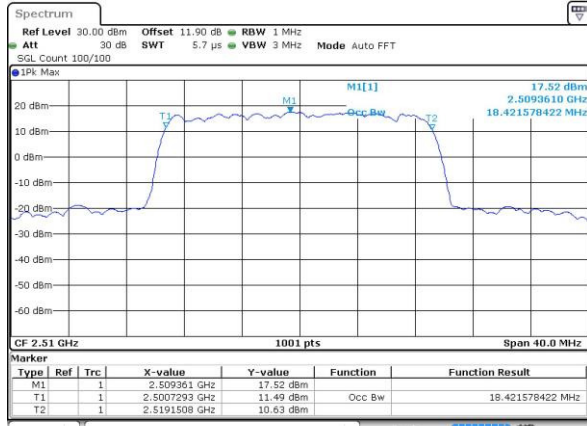


Date: 17 FEB 2017 11:56:46



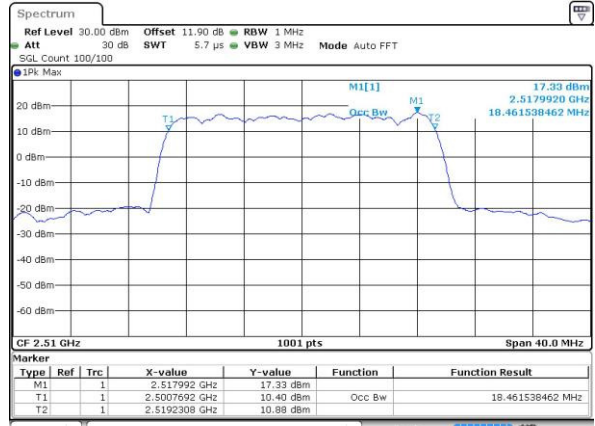
LTE Band 7

Lowest Channel / 20MHz / QPSK



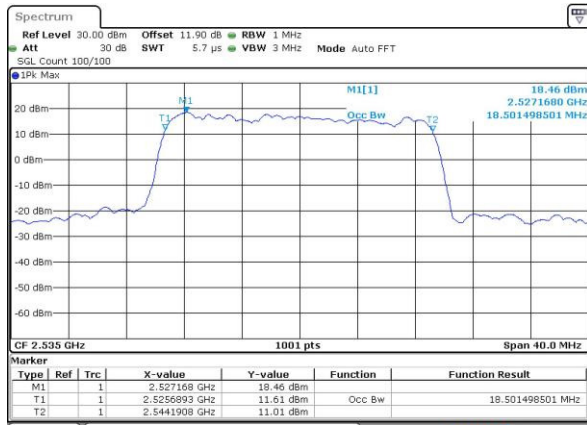
Date: 17 FEB 2017 12:03:44

Lowest Channel / 20MHz / 16QAM



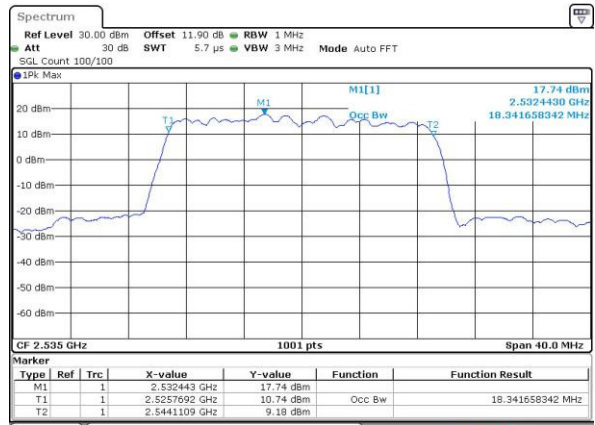
Date: 17 FEB 2017 12:03:54

Middle Channel / 20MHz / QPSK



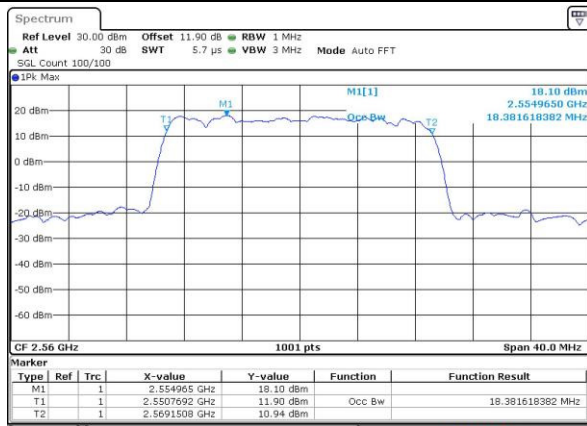
Date: 17 FEB 2017 12:10:51

Middle Channel / 20MHz / 16QAM



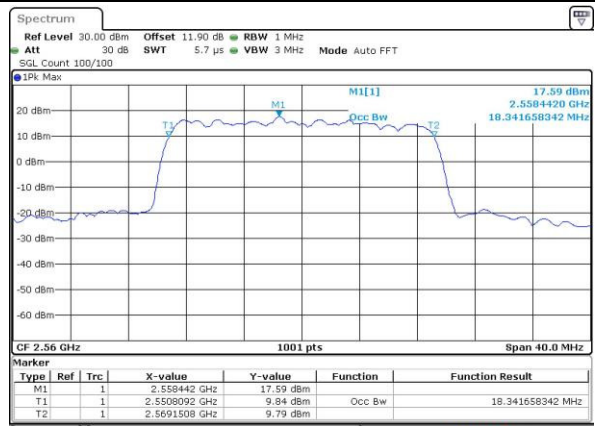
Date: 17 FEB 2017 12:11:01

Highest Channel / 20MHz / QPSK



Date: 17 FEB 2017 12:13:19

Highest Channel / 20MHz / 16QAM



Date: 17 FEB 2017 12:13:29

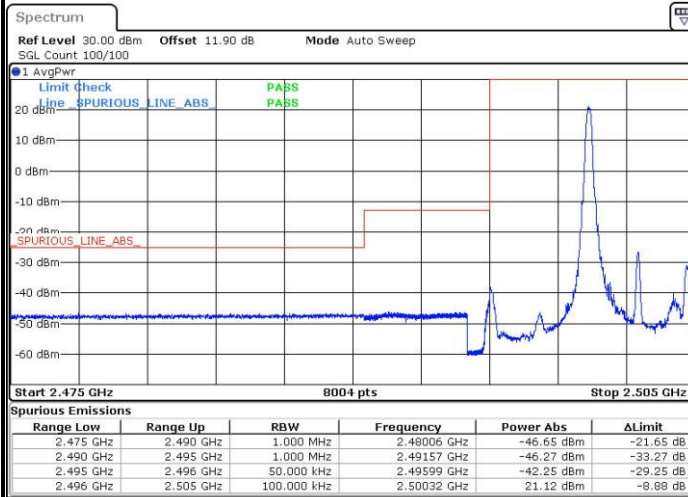


Conducted Band Edge

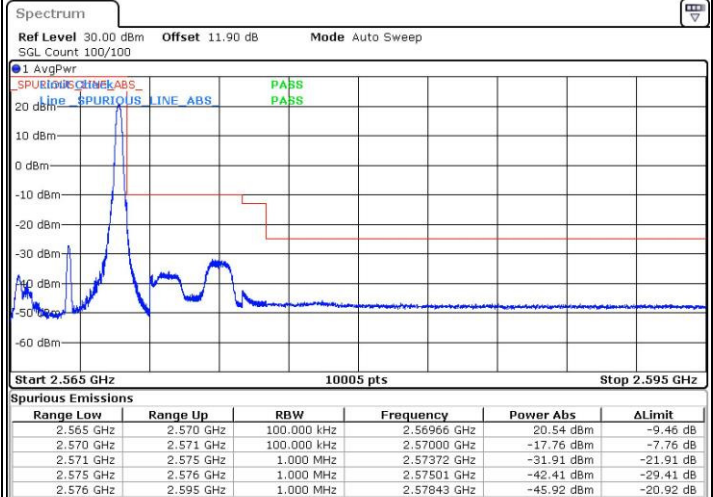


LTE Band 7 / 5MHz / QPSK

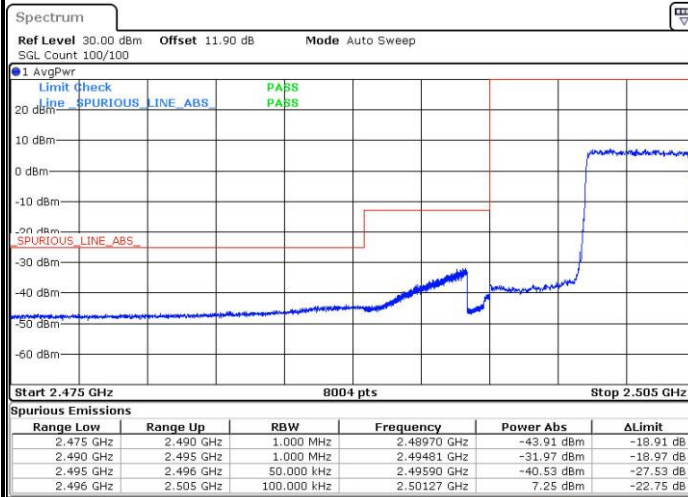
Lowest Band Edge / 1 RB



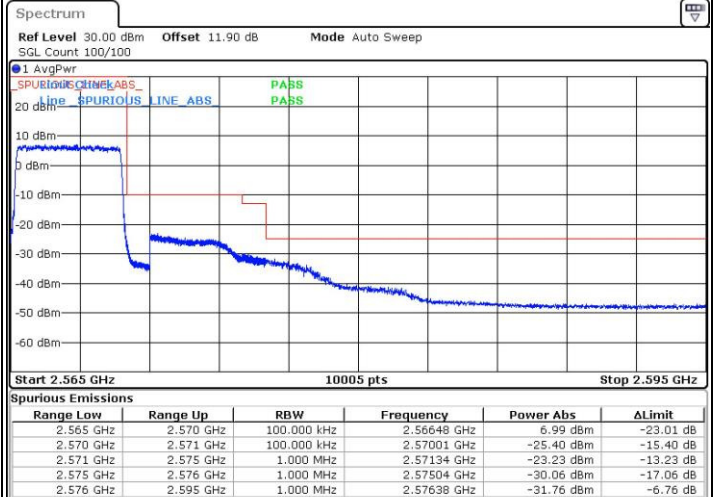
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



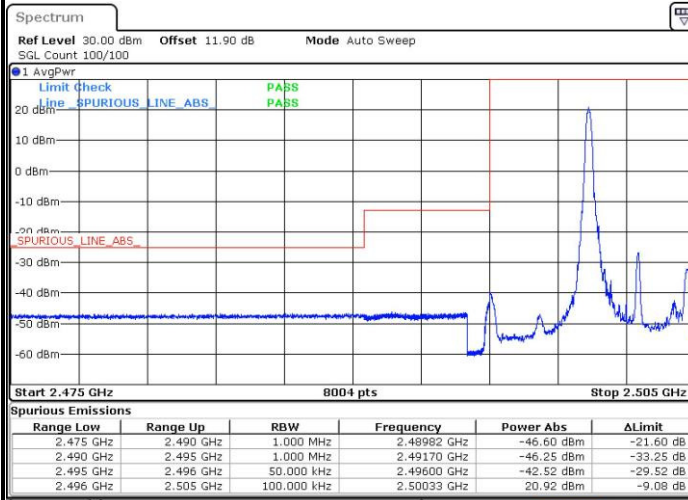
Highest Band Edge / Full RB



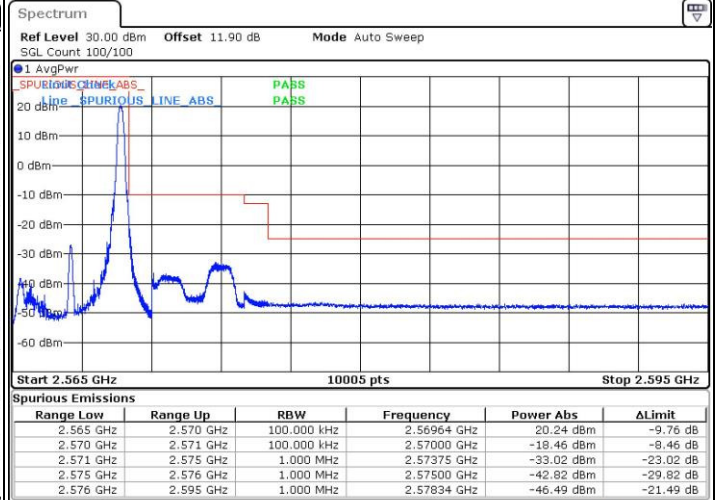


LTE Band 7 / 5MHz / 16QAM

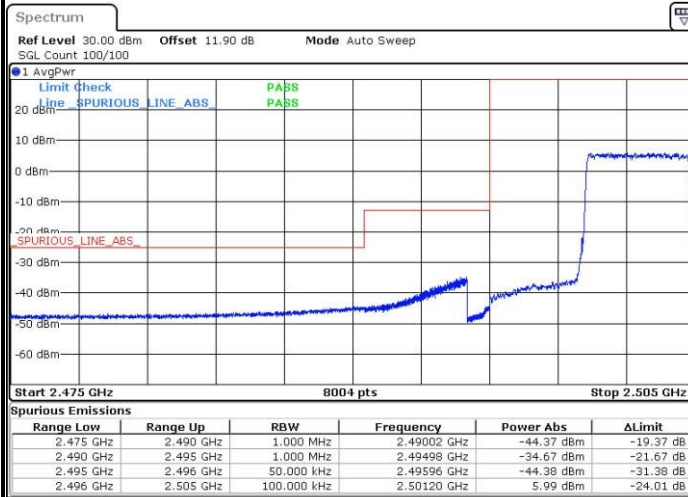
Lowest Band Edge / 1 RB



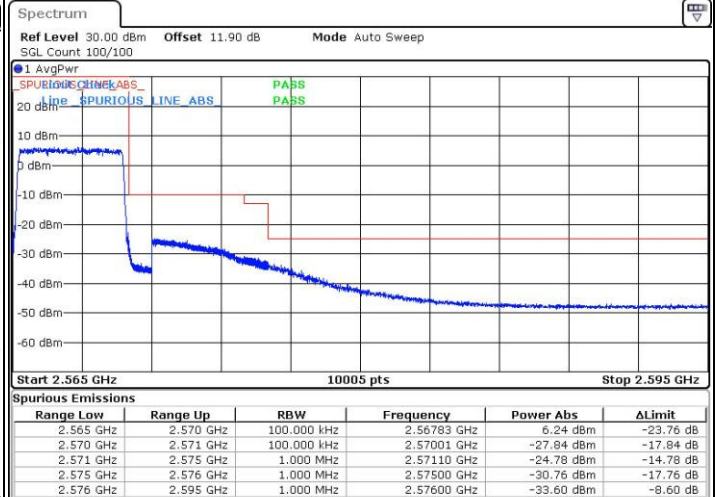
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



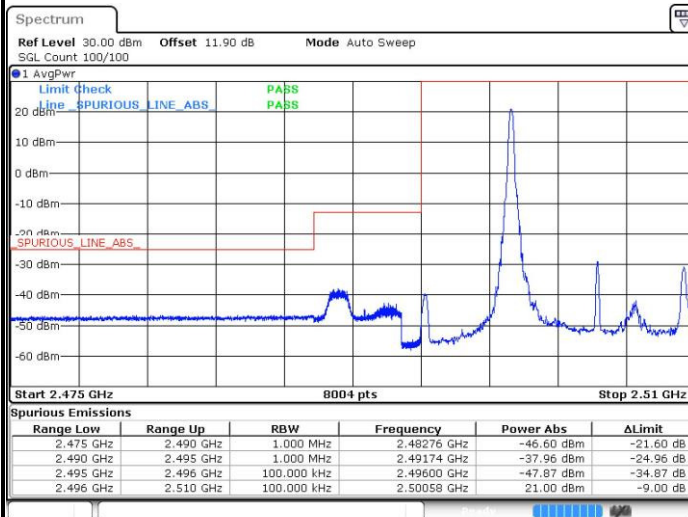
Highest Band Edge / Full RB



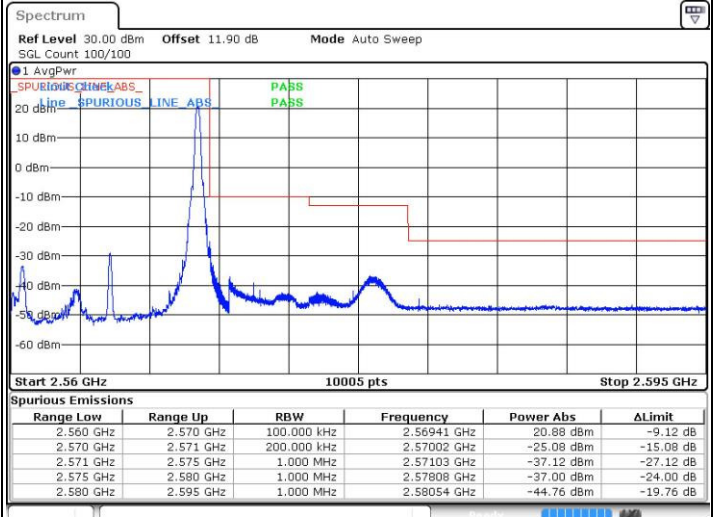


LTE Band 7 / 10MHz / QPSK

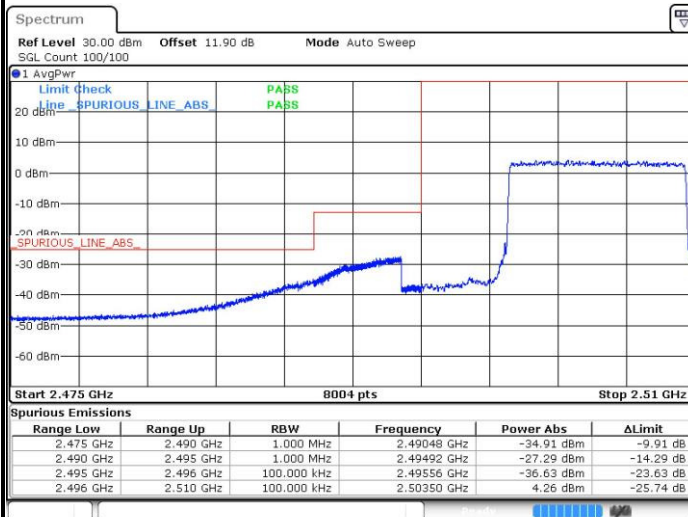
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



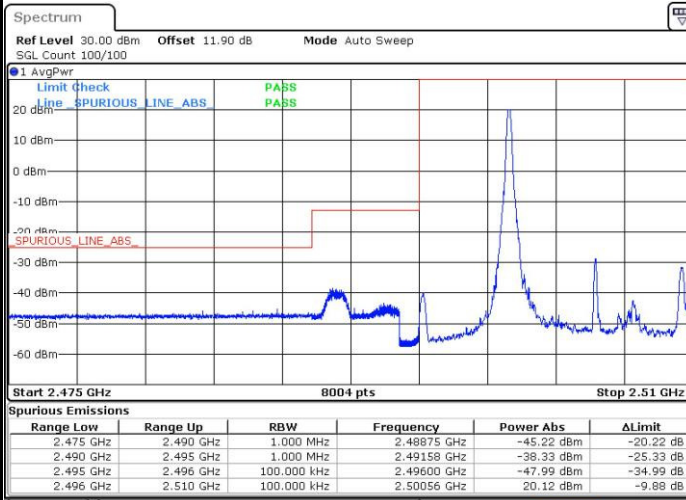
Highest Band Edge / Full RB



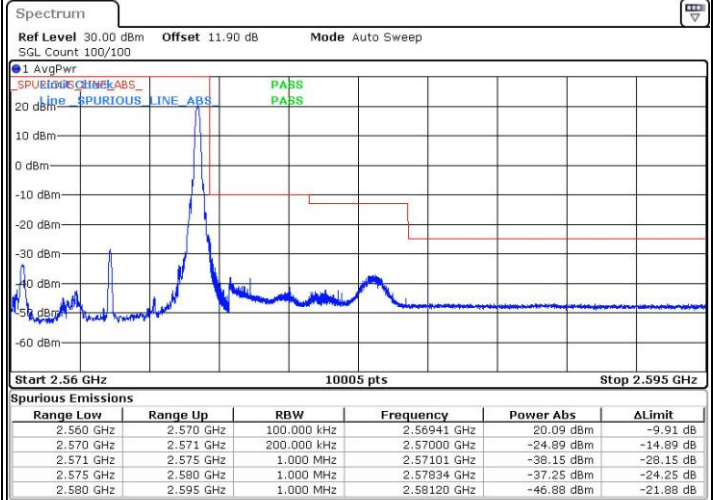


LTE Band 7 / 10MHz / 16QAM

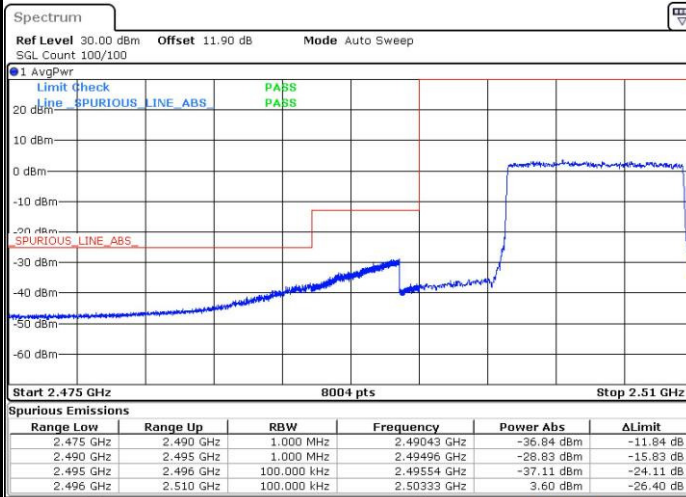
Lowest Band Edge / 1 RB



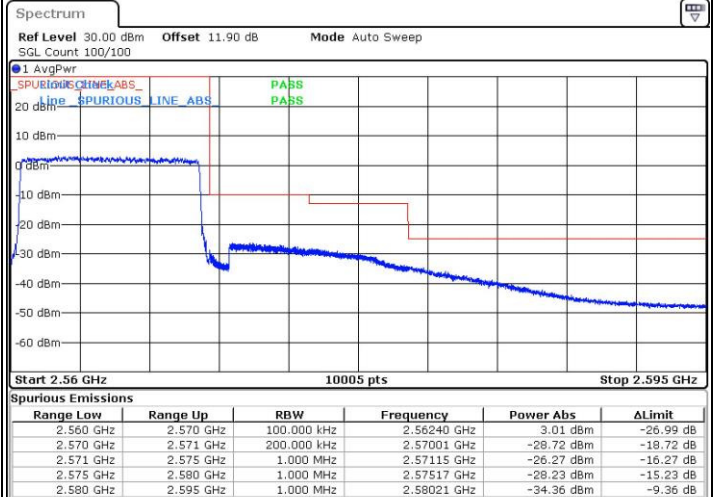
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



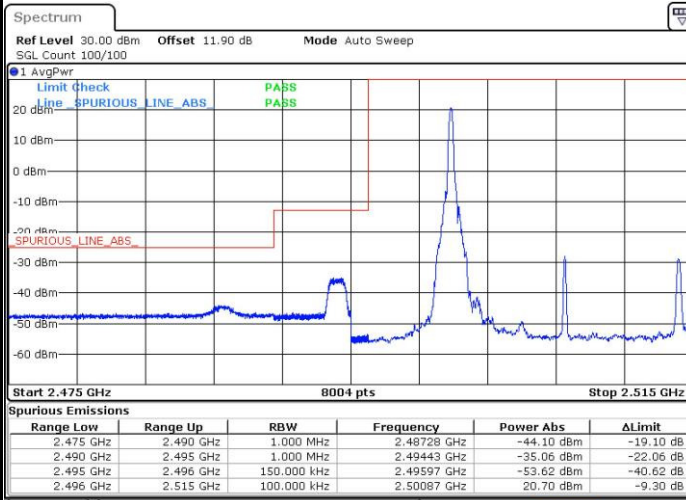
Highest Band Edge / Full RB



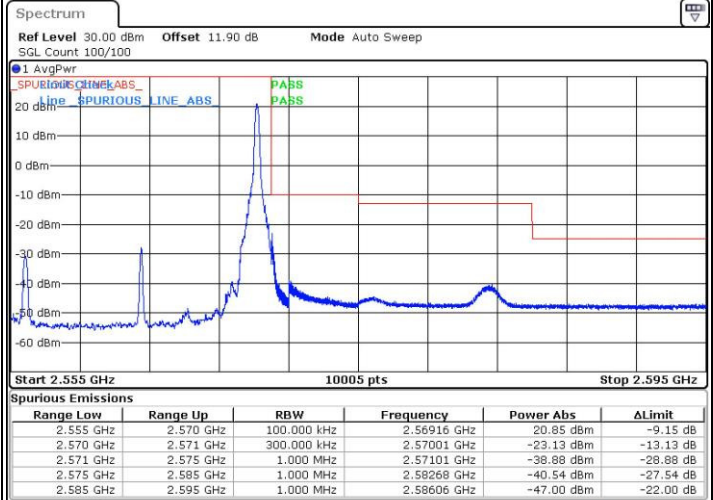


LTE Band 7 / 15MHz / QPSK

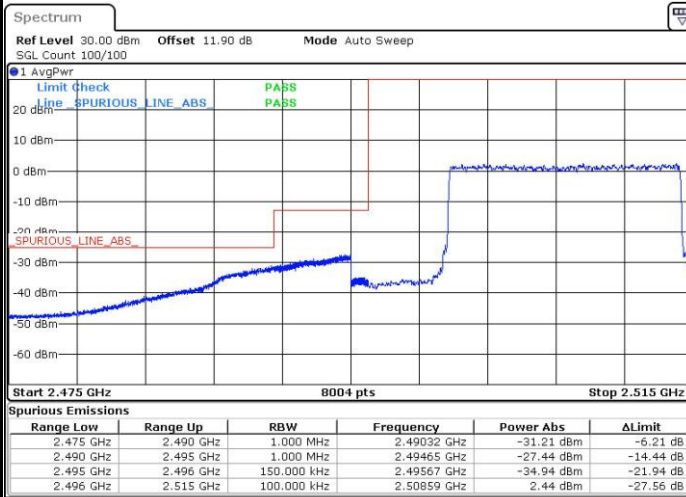
Lowest Band Edge / 1 RB



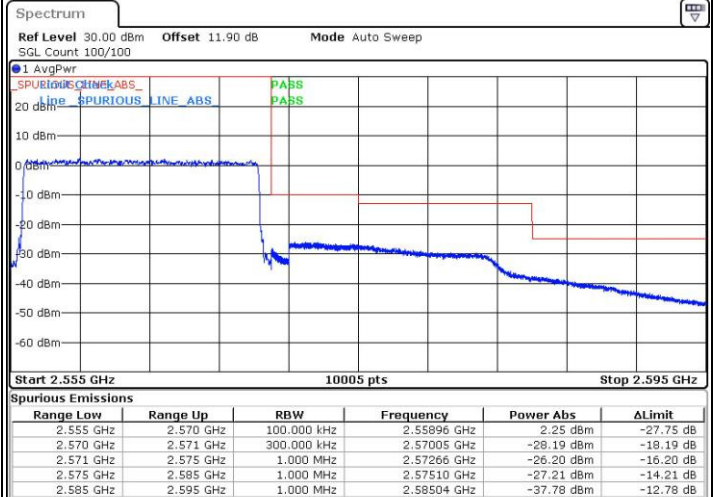
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



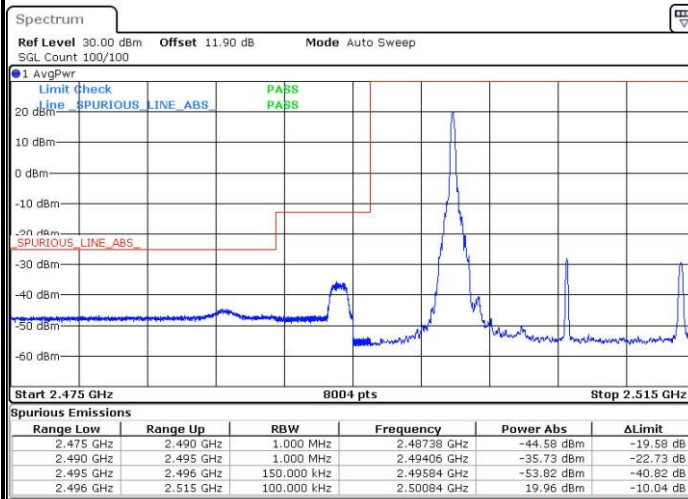
Highest Band Edge / Full RB



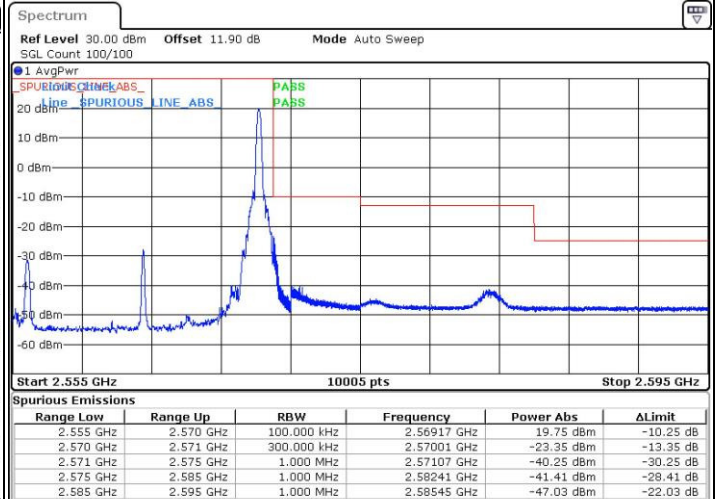


LTE Band 7 / 15MHz / 16QAM

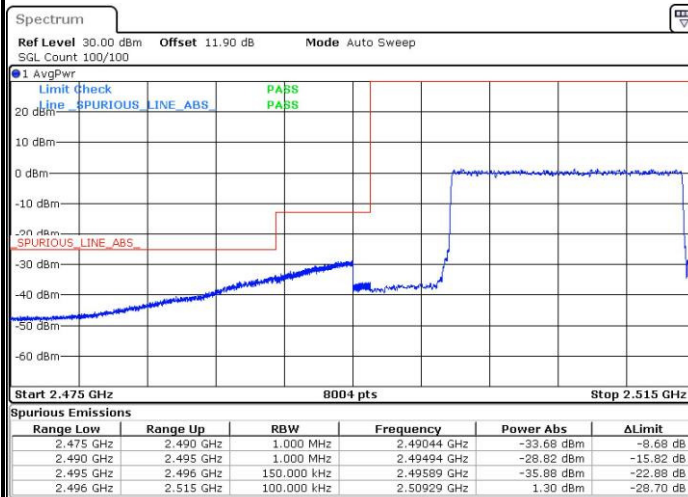
Lowest Band Edge / 1 RB



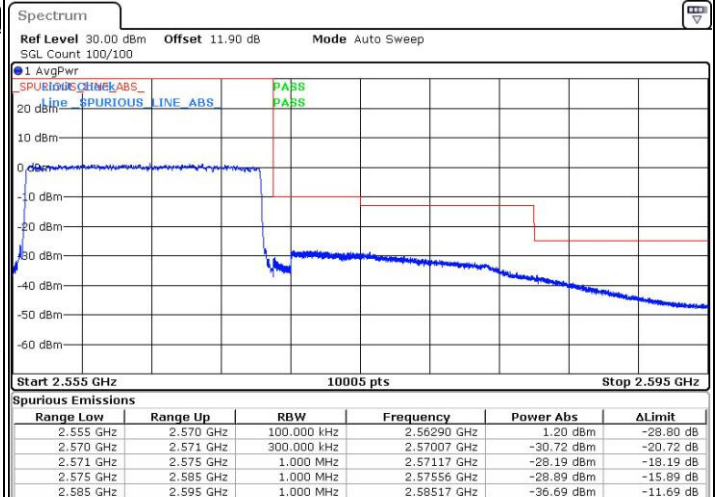
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



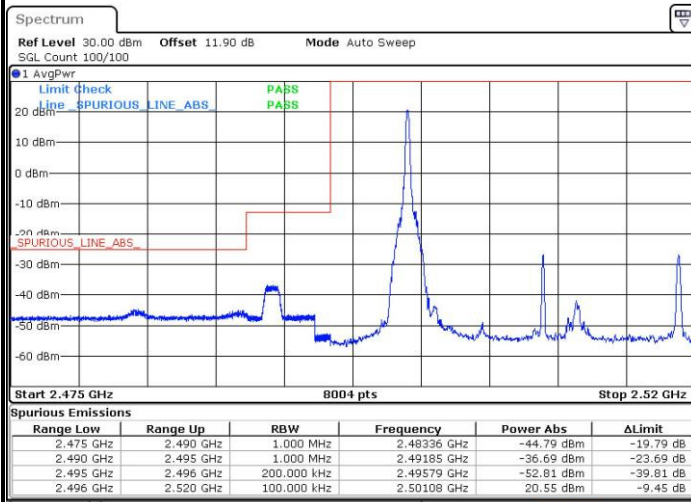
Highest Band Edge / Full RB



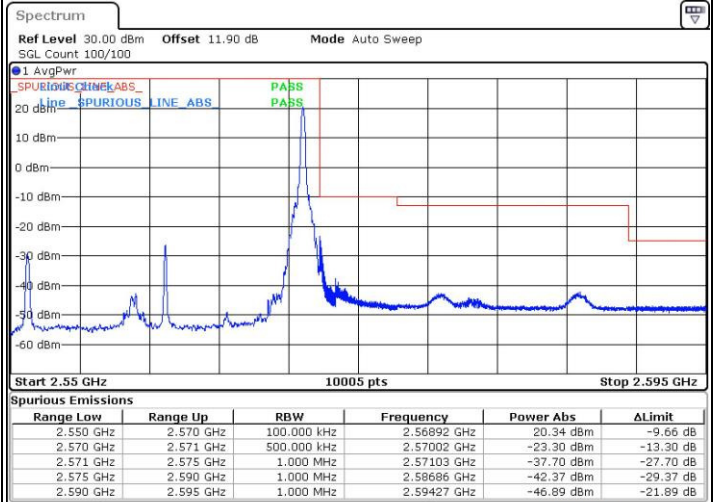


LTE Band 7 / 20MHz / QPSK

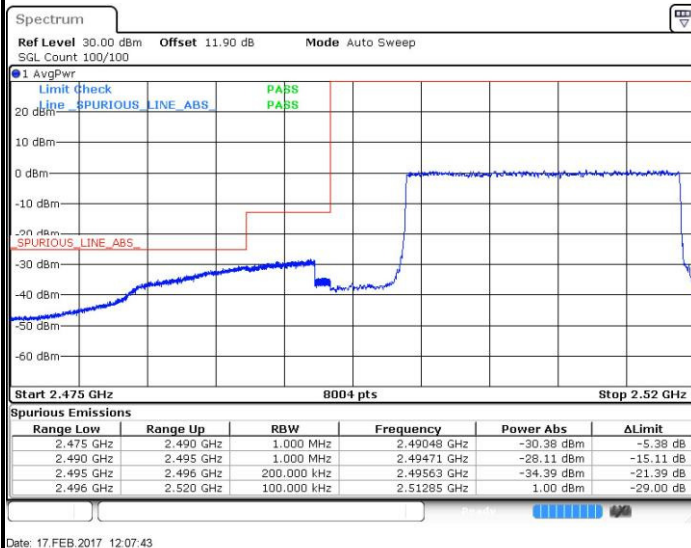
Lowest Band Edge / 1 RB



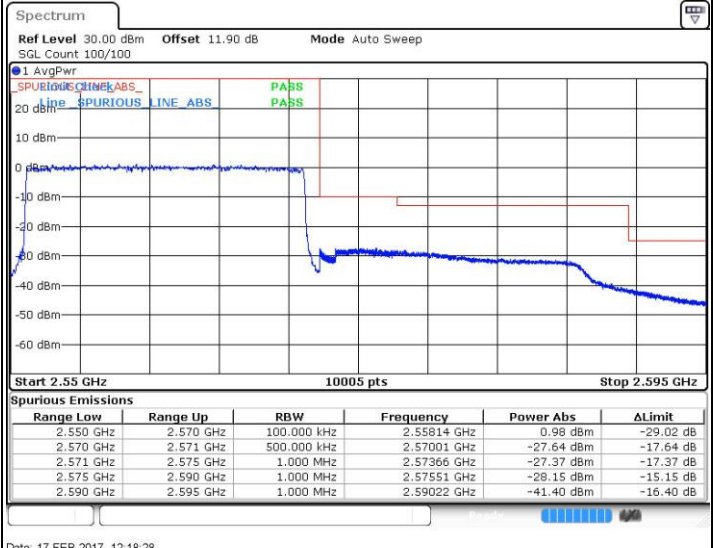
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



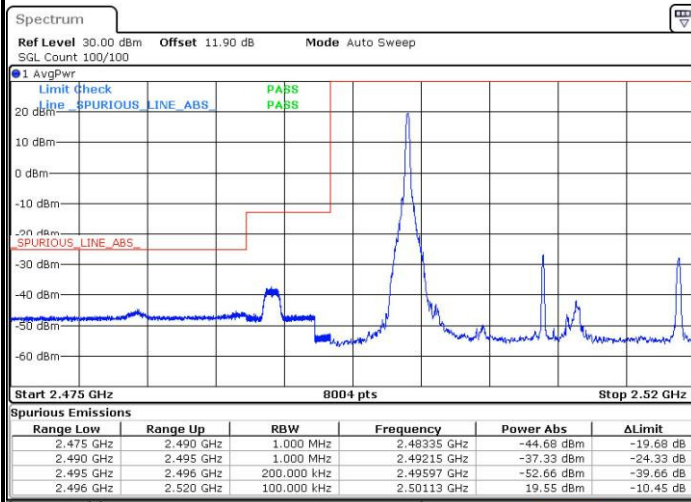
Highest Band Edge / Full RB



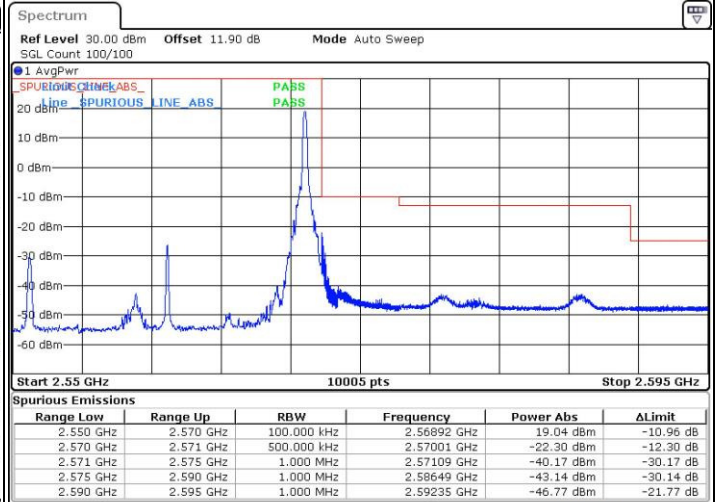


LTE Band 7 / 20MHz / 16QAM

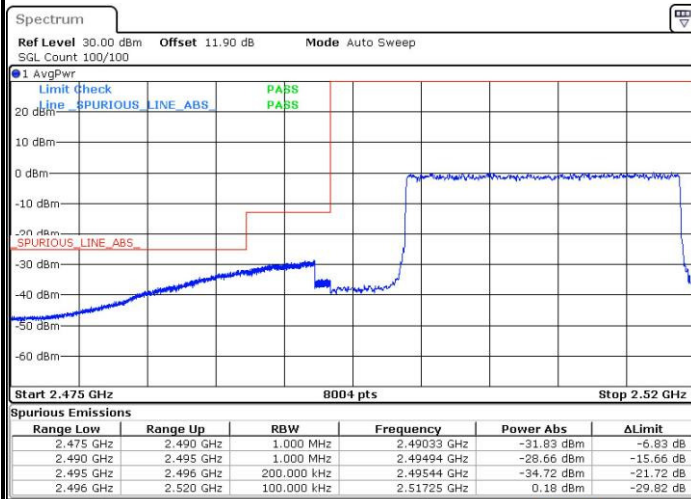
Lowest Band Edge / 1 RB



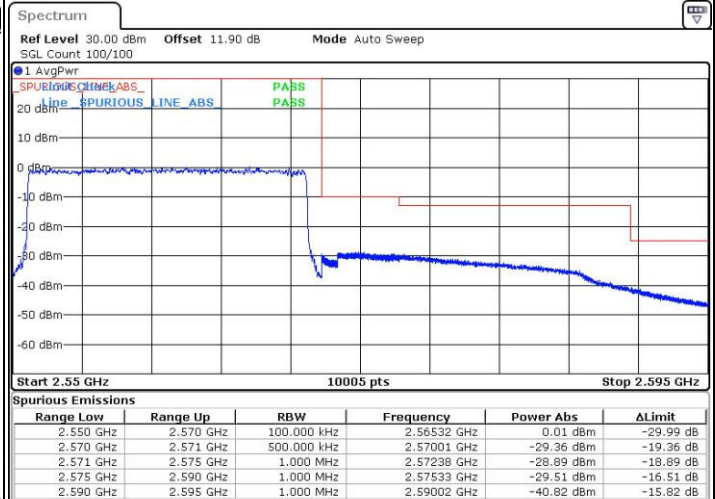
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



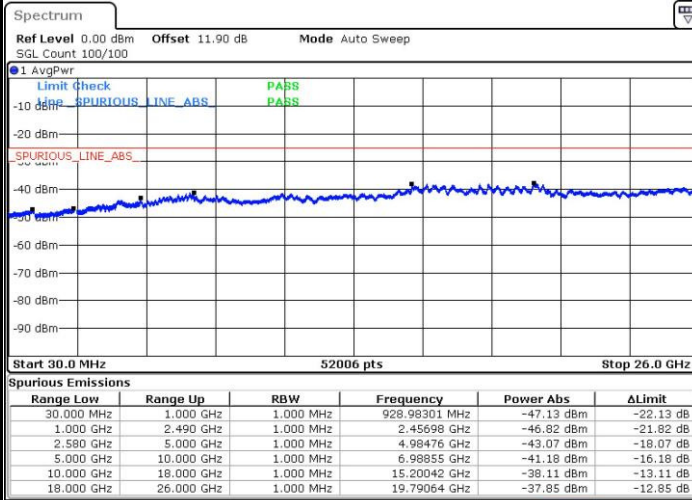


Conducted Spurious Emission



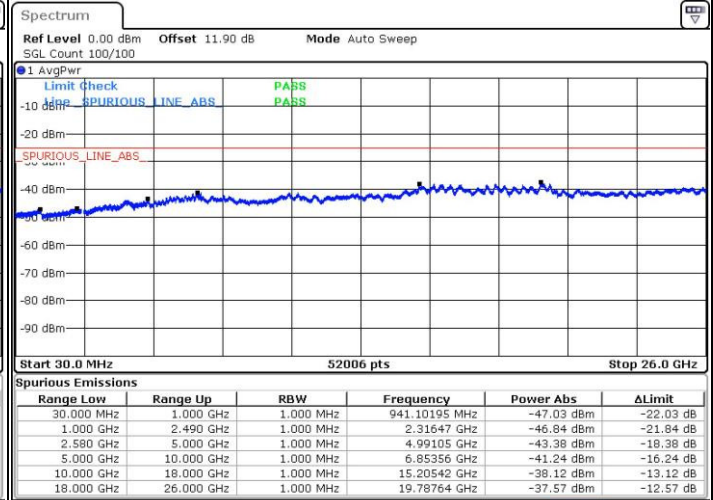
LTE Band 7 / 5MHz

Lowest Channel / QPSK



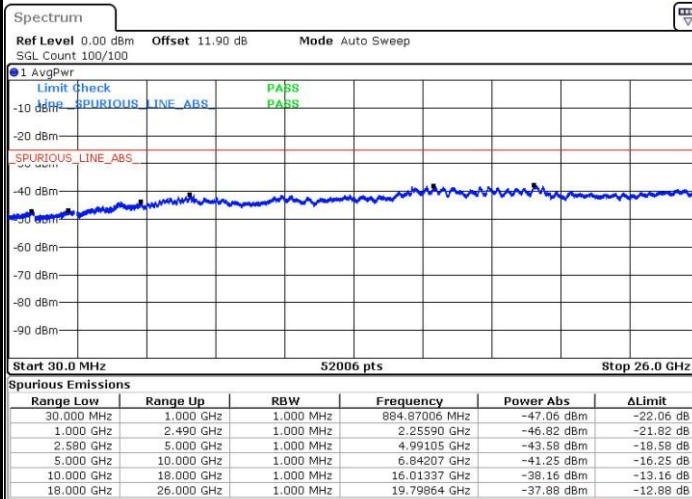
Date: 17.FEB.2017 11:19:33

Lowest Channel / 16QAM



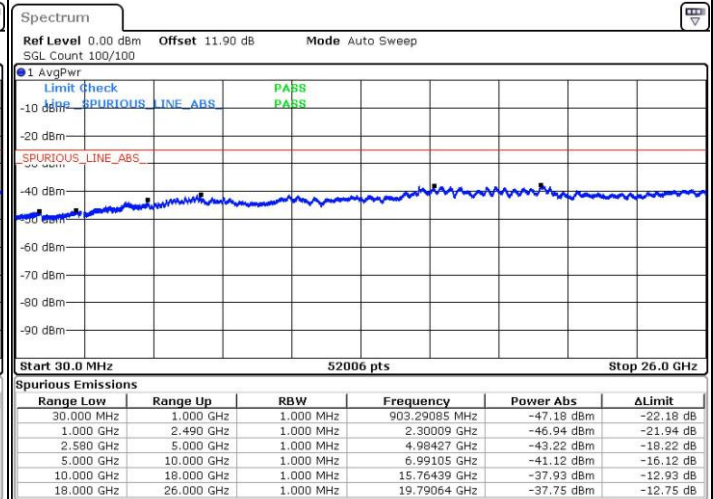
Date: 17.FEB.2017 11:20:26

Middle Channel / QPSK



Date: 17.FEB.2017 11:22:02

Middle Channel / 16QAM

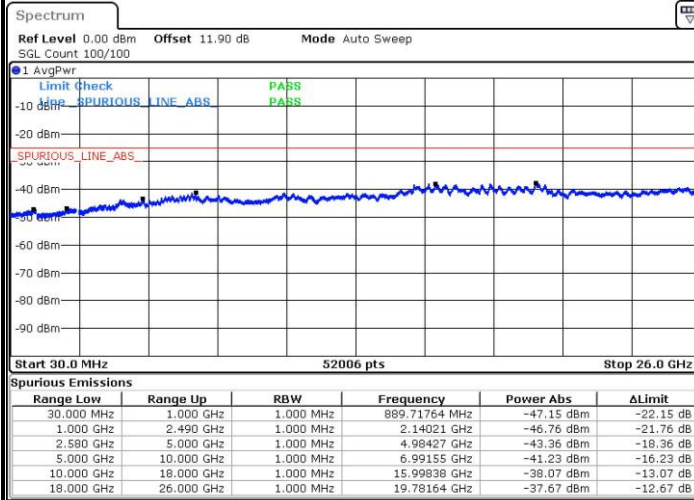


Date: 17.FEB.2017 11:22:55



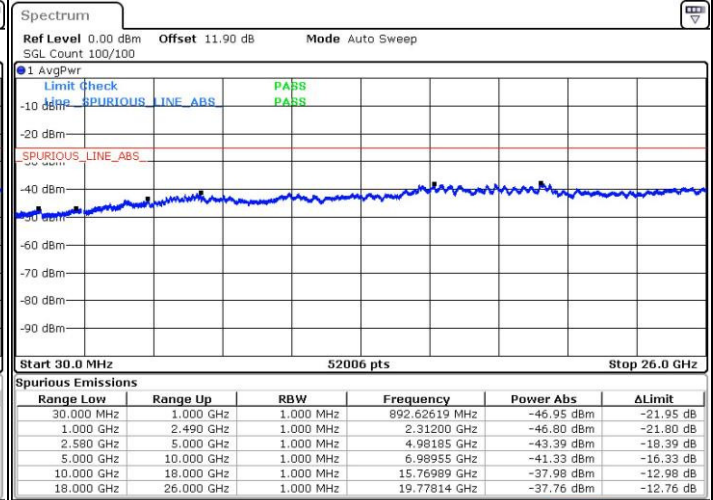
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 17.FEB.2017 11:29:10

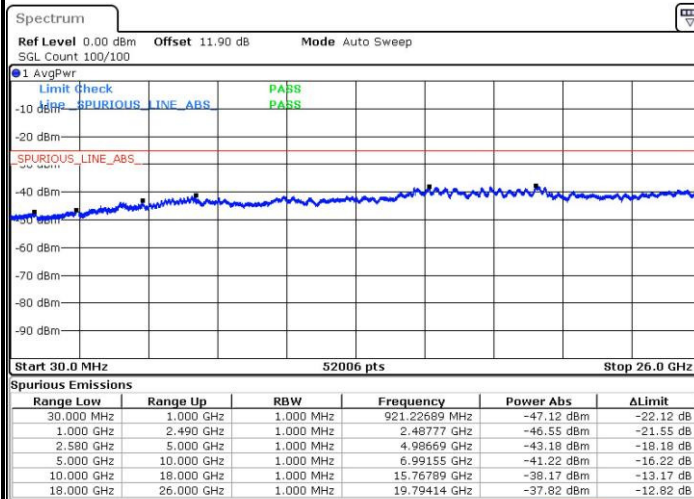
Highest Channel / 16QAM



Date: 17.FEB.2017 11:30:03

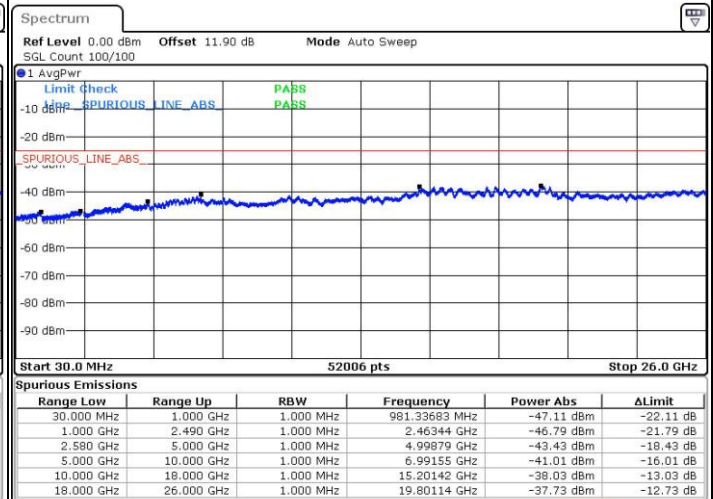
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 17.FEB.2017 11:36:17

Lowest Channel / 16QAM

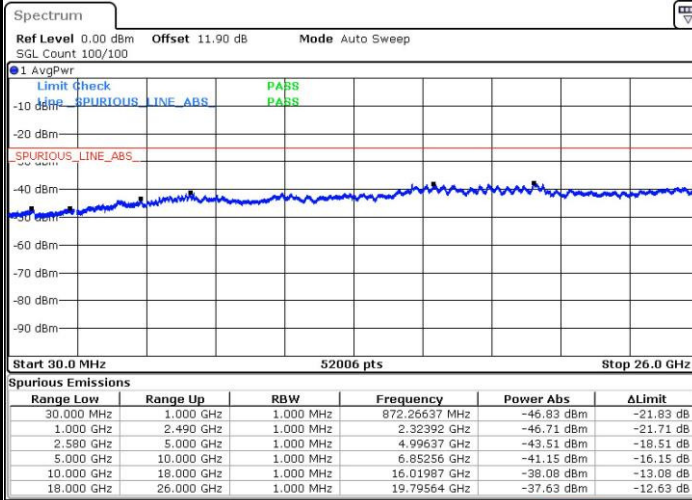


Date: 17.FEB.2017 11:37:11



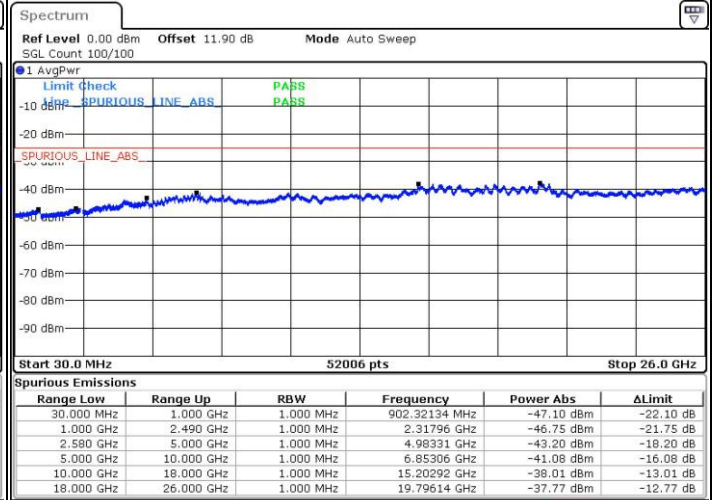
LTE Band 7 / 10MHz

Middle Channel / QPSK



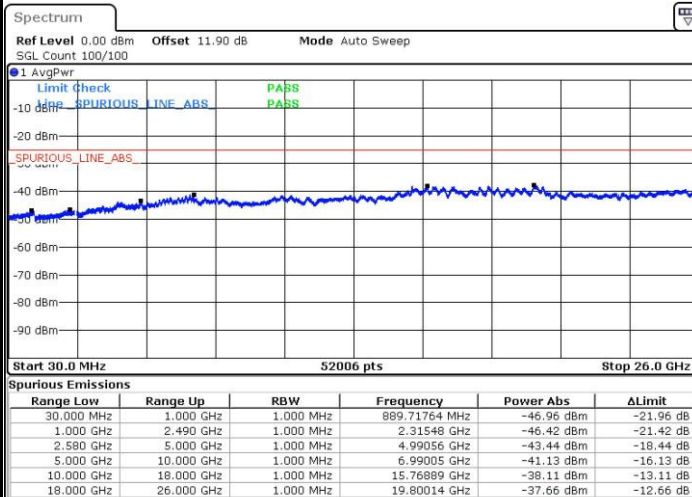
Date: 17.FEB 2017 11:38:47

Middle Channel / 16QAM



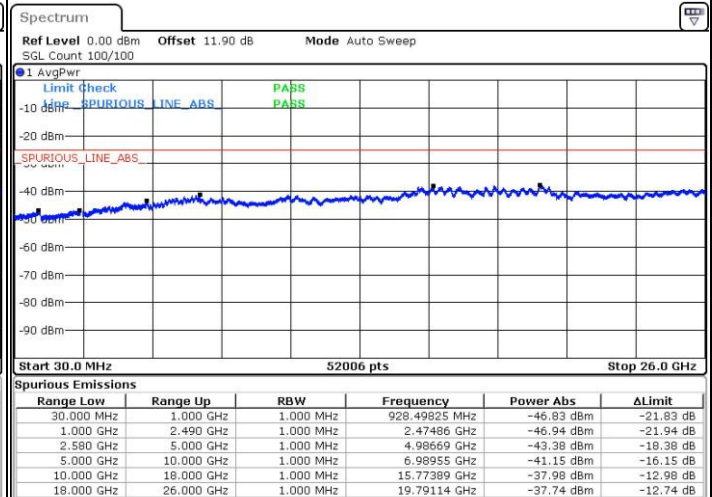
Date: 17.FEB 2017 11:39:40

Highest Channel / QPSK



Date: 17.FEB 2017 11:45:55

Highest Channel / 16QAM

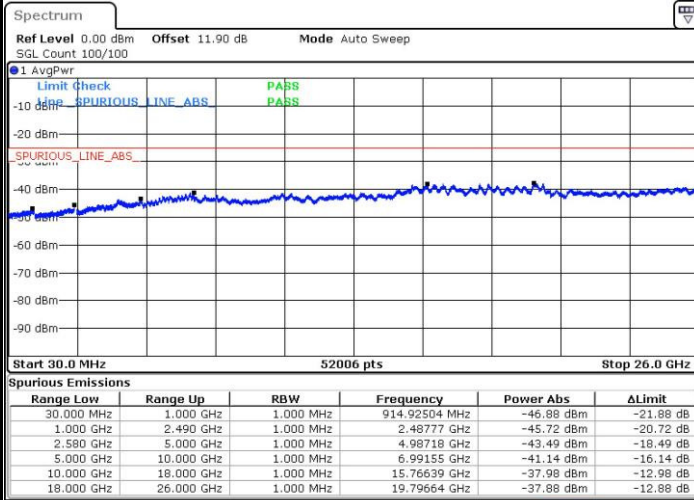


Date: 17.FEB 2017 11:46:49



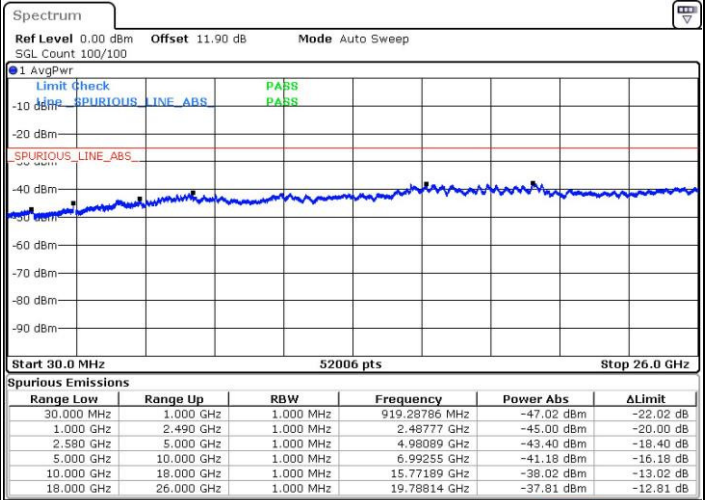
LTE Band 7 / 15MHz

Lowest Channel / QPSK



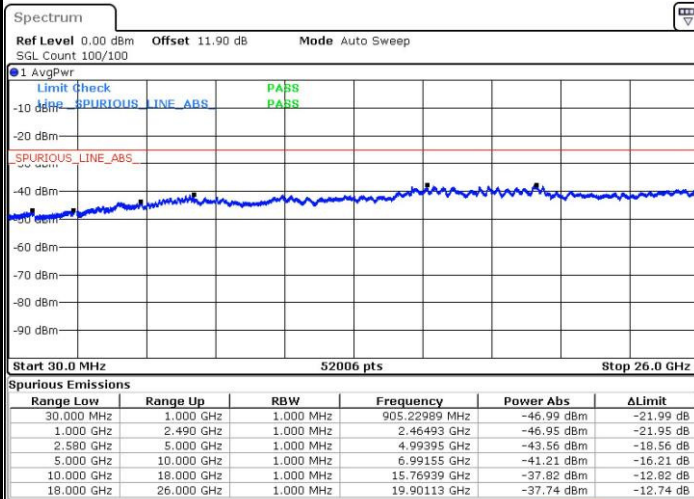
Date: 17.FEB 2017 11:53:02

Lowest Channel / 16QAM



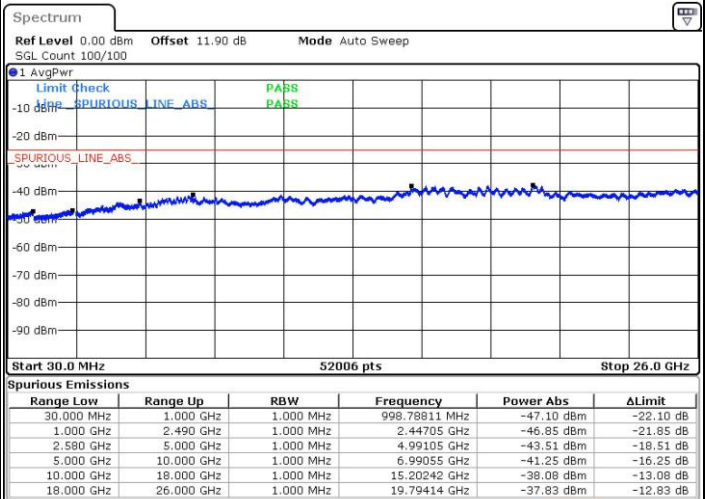
Date: 17.FEB 2017 11:53:56

Middle Channel / QPSK



Date: 17.FEB 2017 11:55:32

Middle Channel / 16QAM

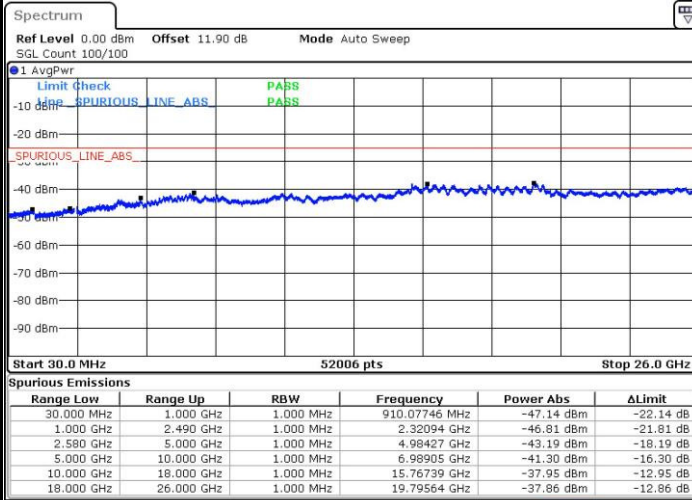


Date: 17.FEB 2017 11:56:25



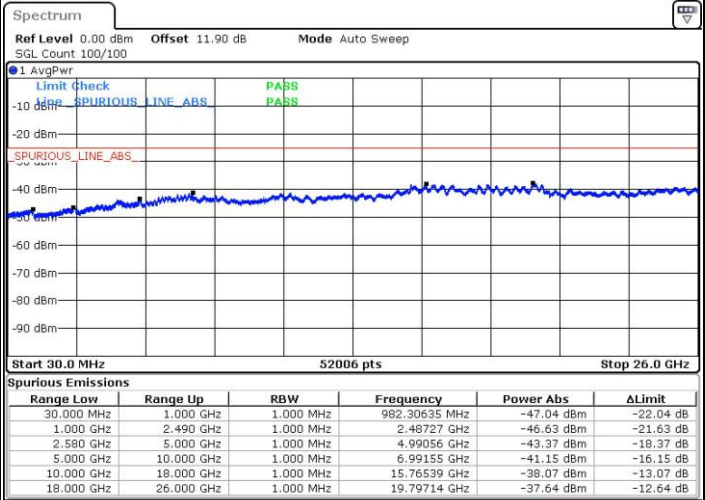
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 17.FEB.2017 12:02:40

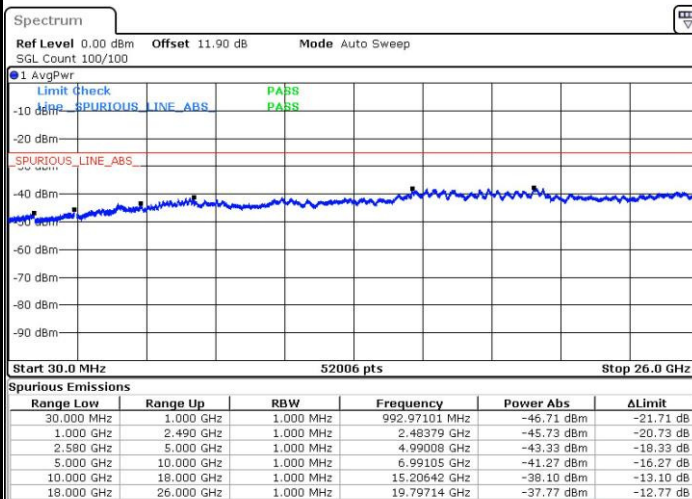
Highest Channel / 16QAM



Date: 17.FEB.2017 12:03:33

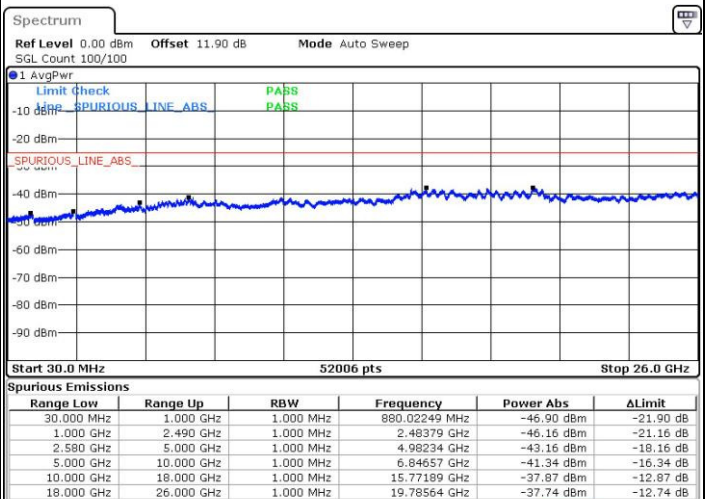
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 17.FEB.2017 12:09:46

Lowest Channel / 16QAM

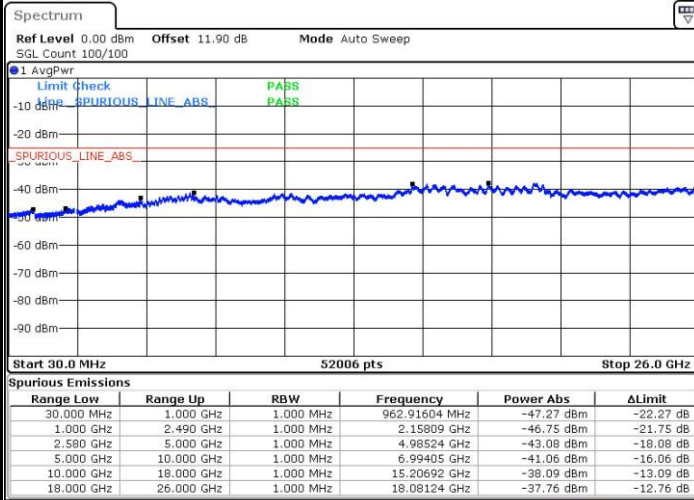


Date: 17.FEB.2017 12:10:40



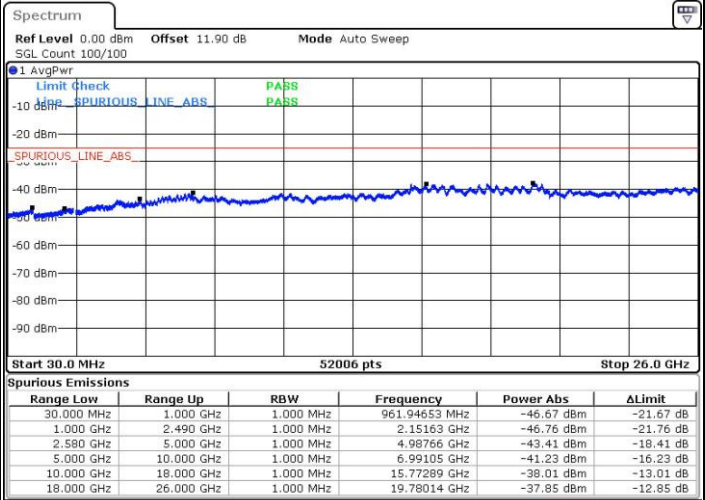
LTE Band 7 / 20MHz

Middle Channel / QPSK



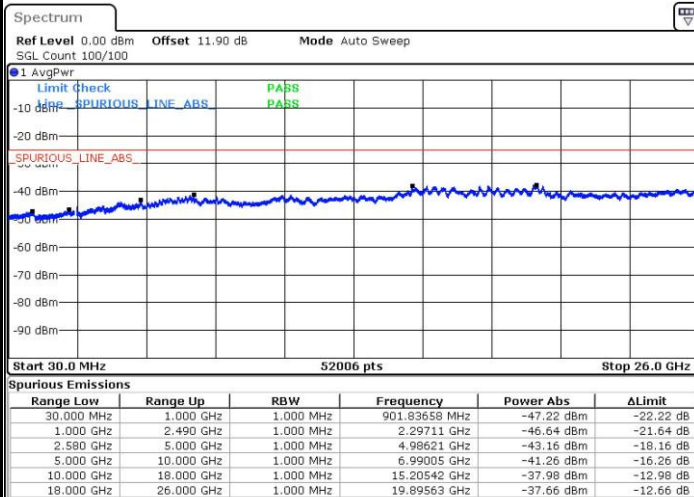
Date: 17.FEB.2017 12:12:15

Middle Channel / 16QAM



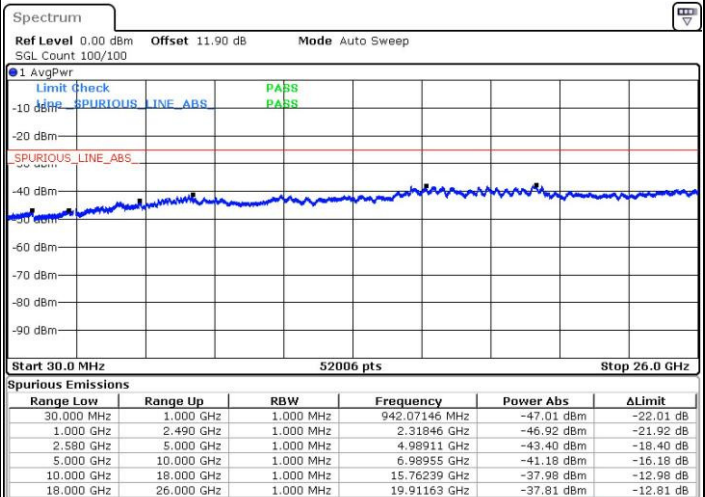
Date: 17.FEB.2017 12:13:08

Highest Channel / QPSK



Date: 17.FEB.2017 12:19:22

Highest Channel / 16QAM



Date: 17.FEB.2017 12:20:15

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	0.0006	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

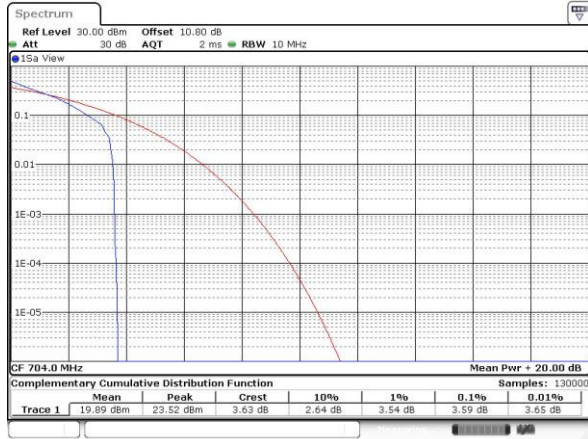
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	5.28	4.41	6.03	PASS
Middle CH	3.86	4.9	4.43	5.88	
Highest CH	3.94	4.75	4.64	5.59	

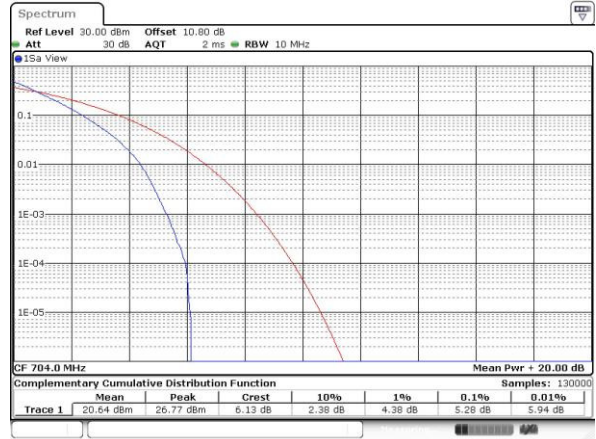


LTE Band 12 / 10MHz / QPSK

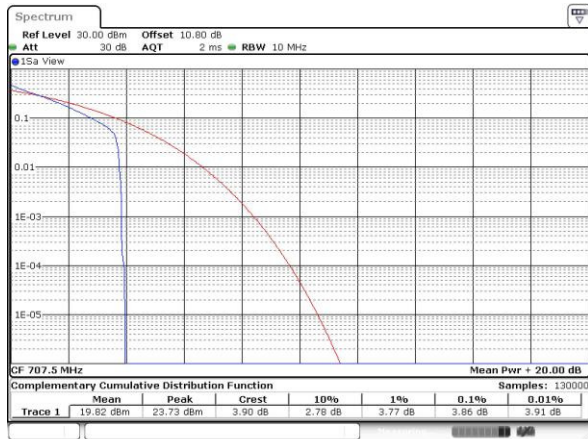
Lowest Channel / 1RB



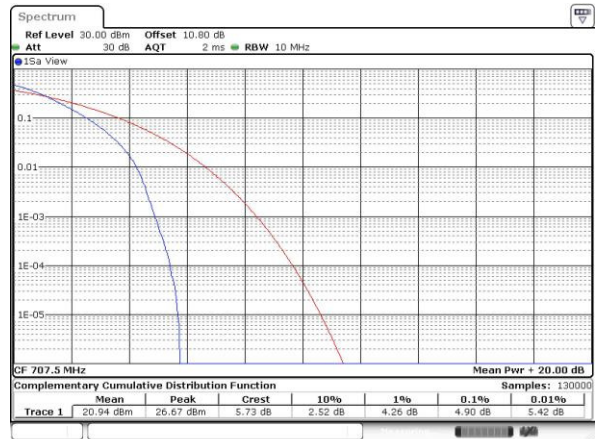
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

