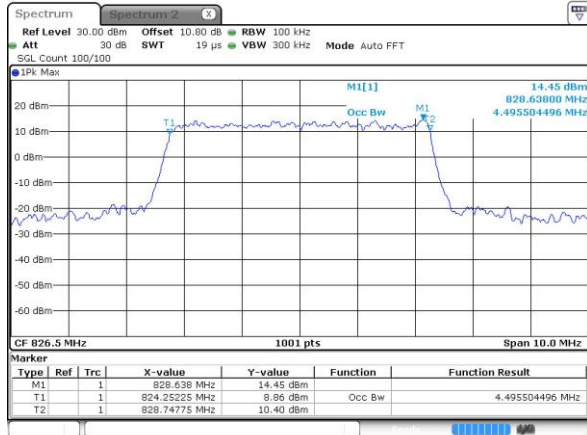




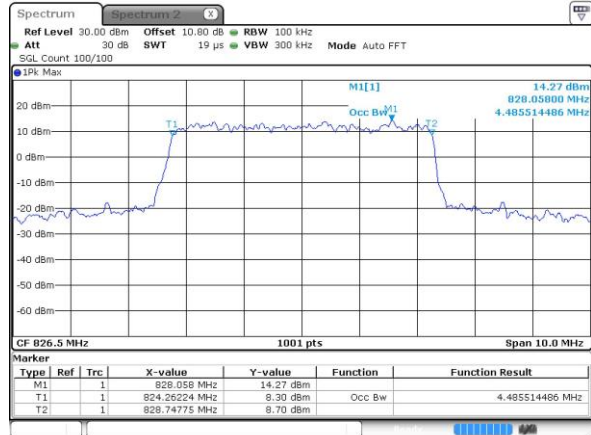
LTE Band 5

Lowest Channel / 5MHz / QPSK



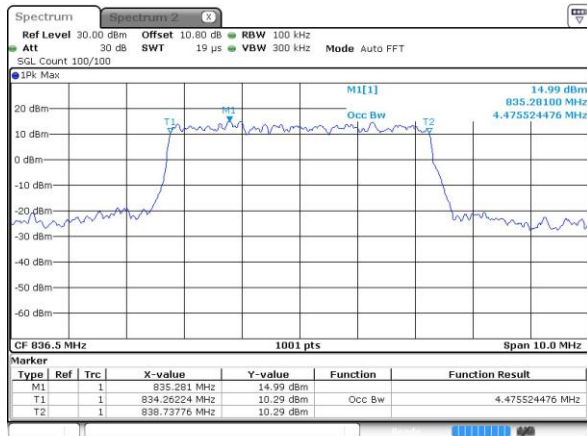
Date: 18 MAY 2017 20:21:23

Lowest Channel / 5MHz / 16QAM



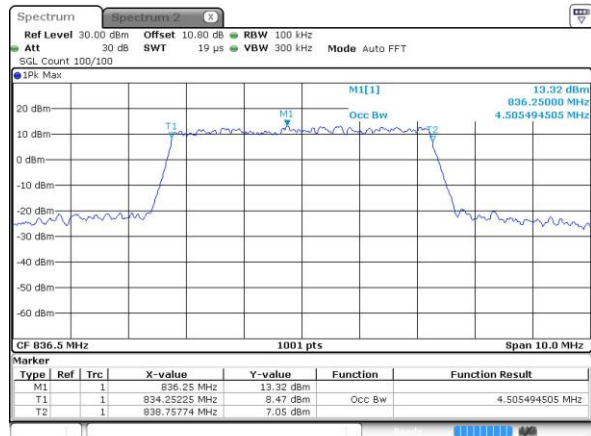
Date: 18 MAY 2017 20:21:33

Middle Channel / 5MHz / QPSK



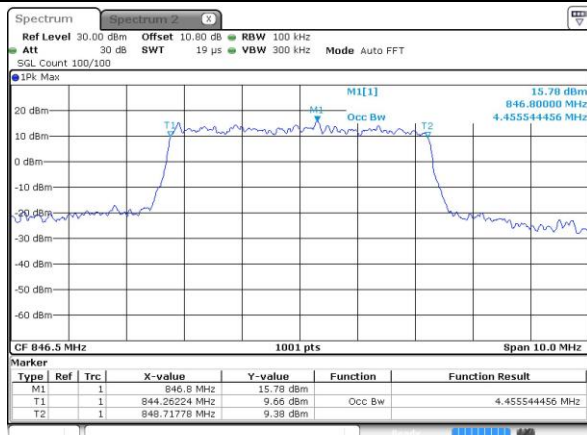
Date: 18 MAY 2017 20:20:29

Middle Channel / 5MHz / 16QAM



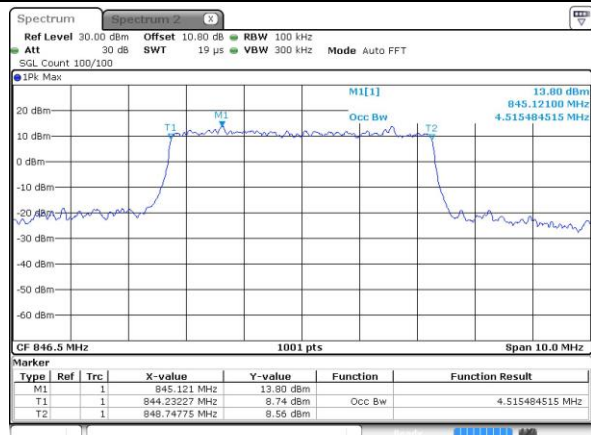
Date: 18 MAY 2017 20:30:40

Highest Channel / 5MHz / QPSK



Date: 18 MAY 2017 20:32:59

Highest Channel / 5MHz / 16QAM

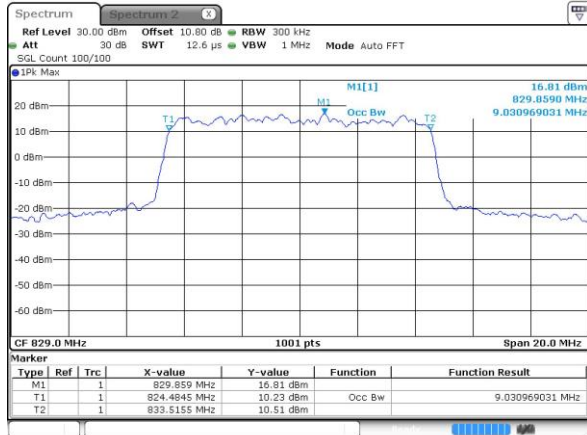


Date: 18 MAY 2017 20:33:10



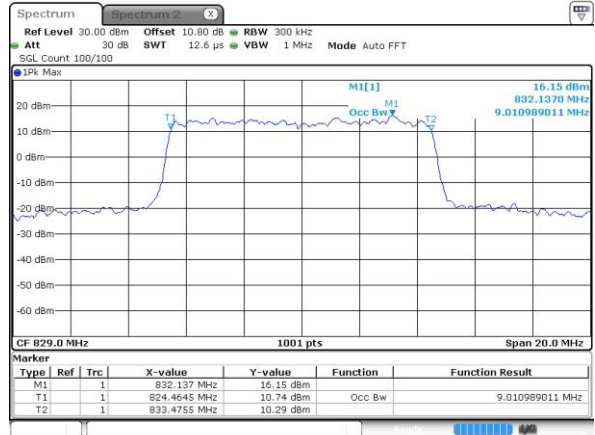
LTE Band 5

Lowest Channel / 10MHz / QPSK



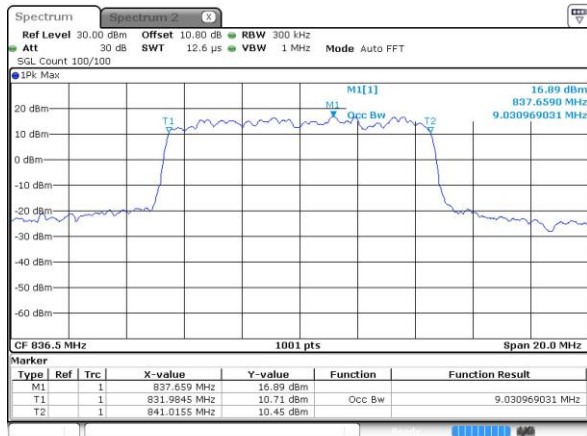
Date: 18 MAY 2017 20:42:06

Lowest Channel / 10MHz / 16QAM



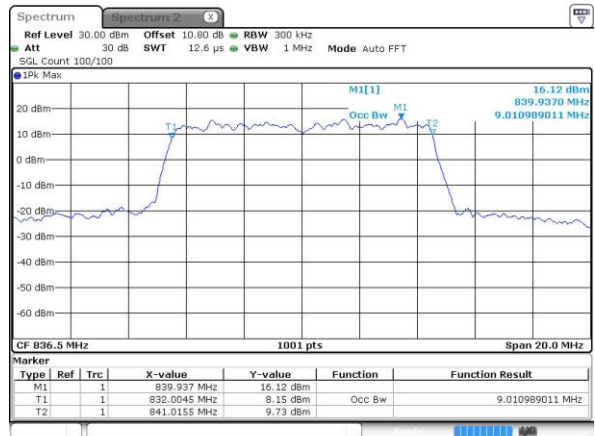
Date: 18 MAY 2017 20:42:16

Middle Channel / 10MHz / QPSK



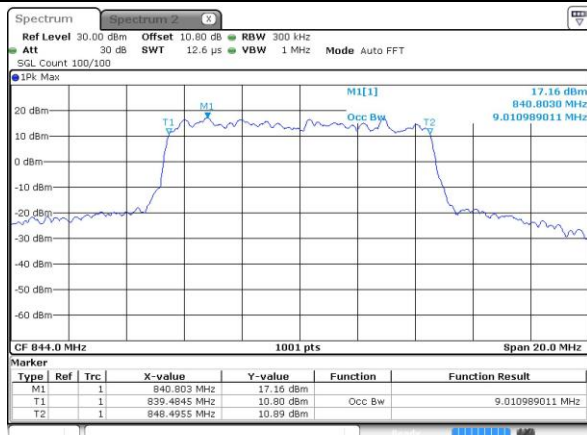
Date: 18 MAY 2017 20:51:12

Middle Channel / 10MHz / 16QAM



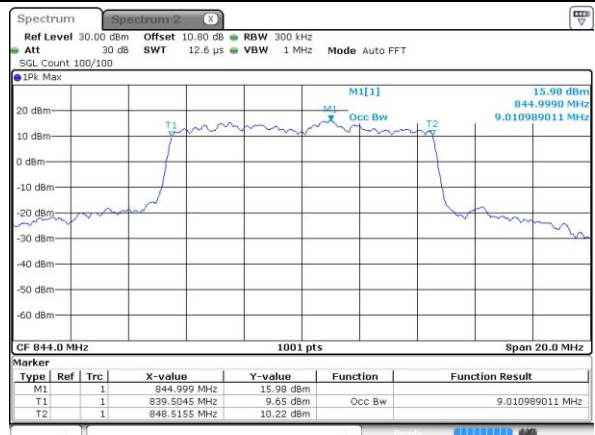
Date: 18 MAY 2017 20:51:23

Highest Channel / 10MHz / QPSK



Date: 18 MAY 2017 20:53:42

Highest Channel / 10MHz / 16QAM



Date: 18 MAY 2017 20:53:52



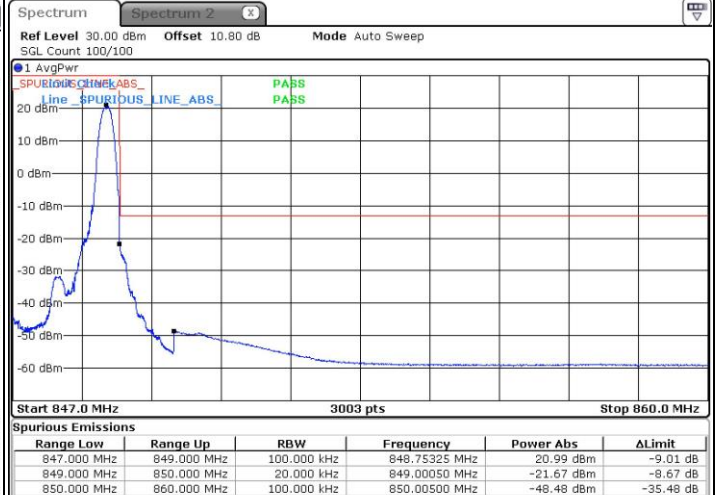
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



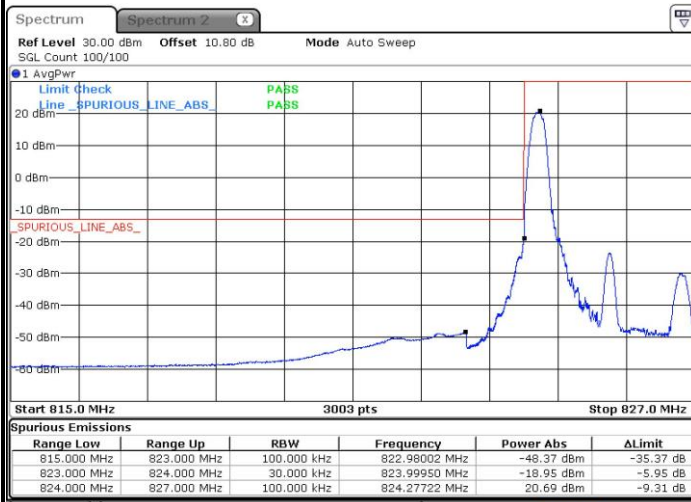
Highest Band Edge / Full RB



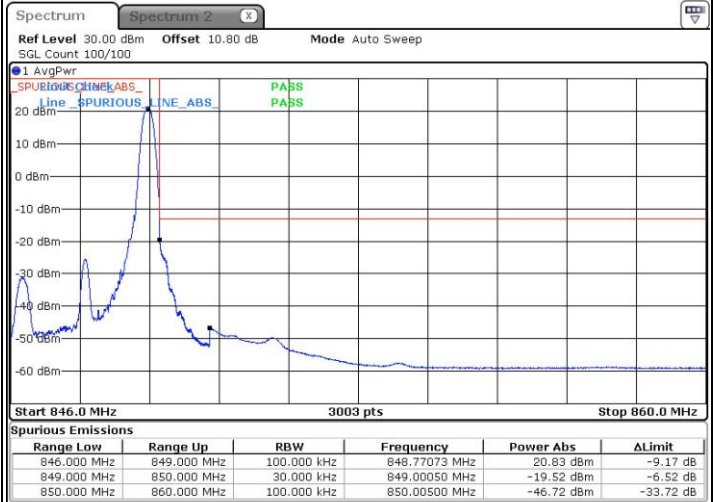


LTE Band 5 / 3MHz / QPSK

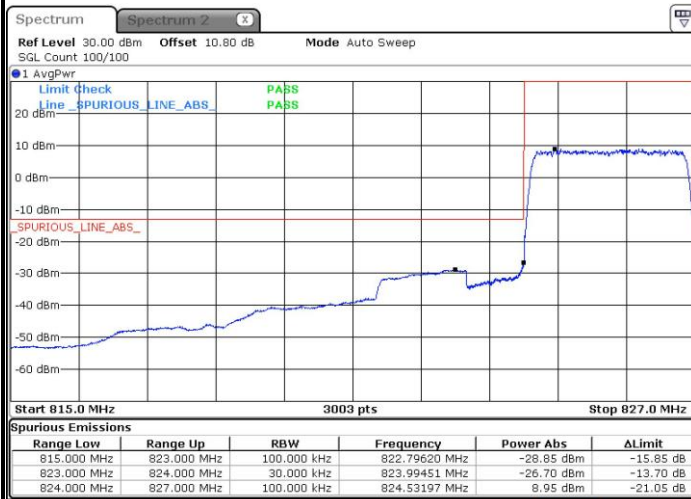
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



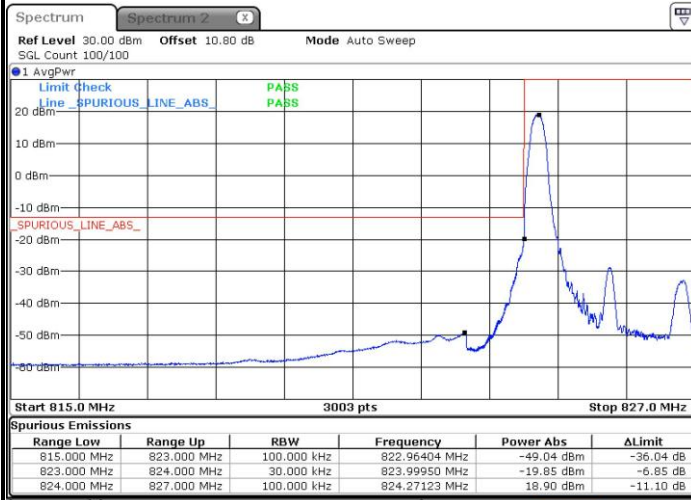
Highest Band Edge / Full RB





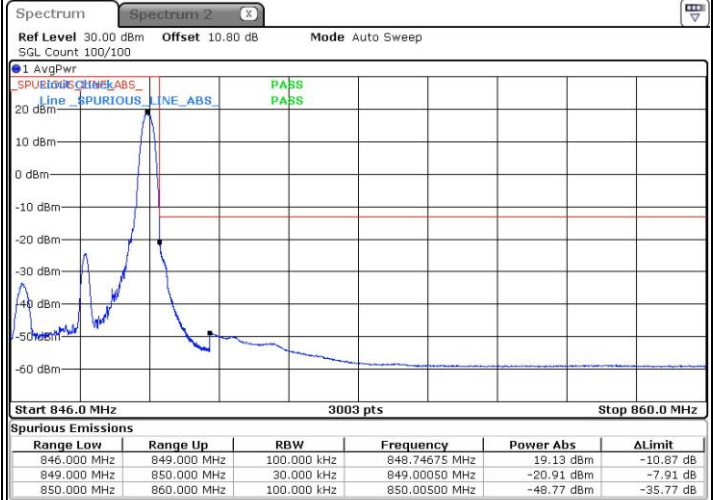
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 18.MAY.2017 20:04:29

Highest Band Edge / 1 RB



Date: 18.MAY.2017 20:16:05

Lowest Band Edge / Full RB



Date: 18.MAY.2017 20:07:47

Highest Band Edge / Full RB

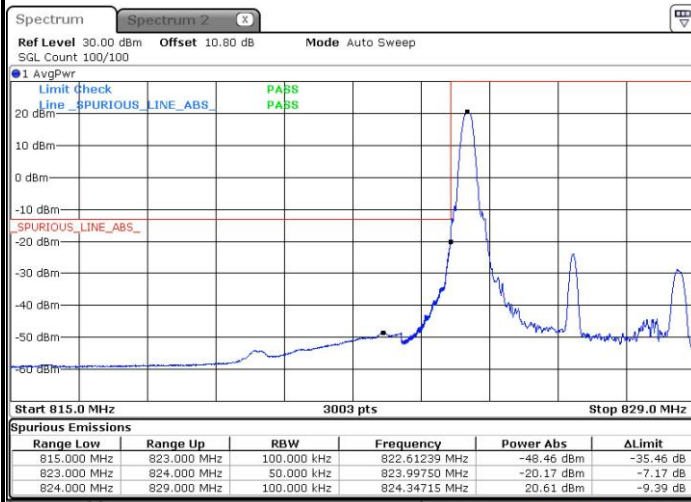


Date: 18.MAY.2017 20:19:23

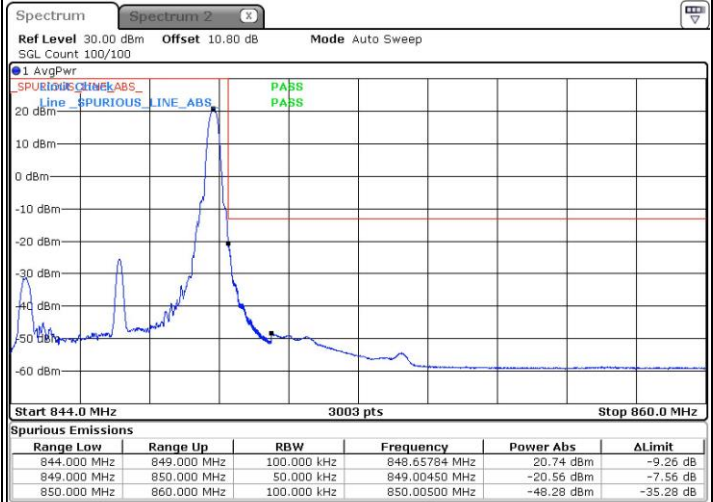


LTE Band 5 / 5MHz / QPSK

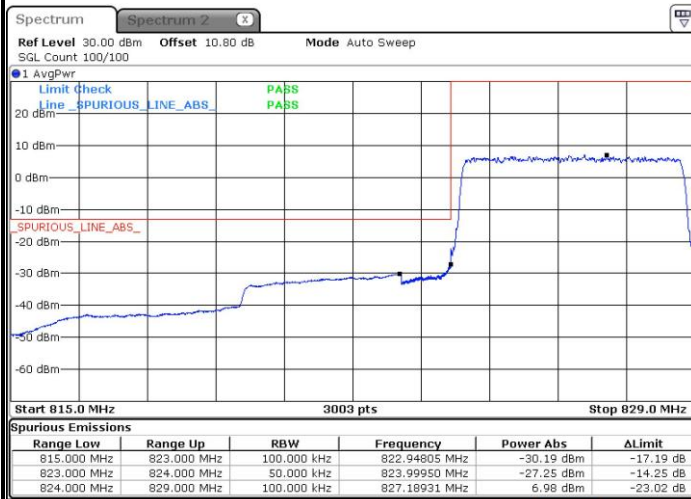
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



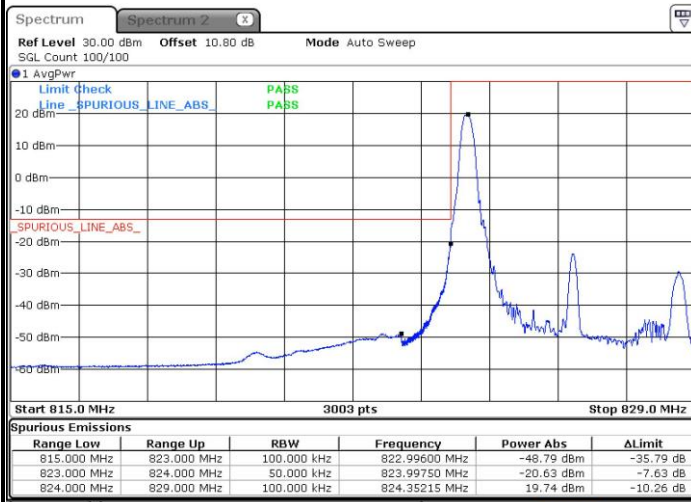
Highest Band Edge / Full RB



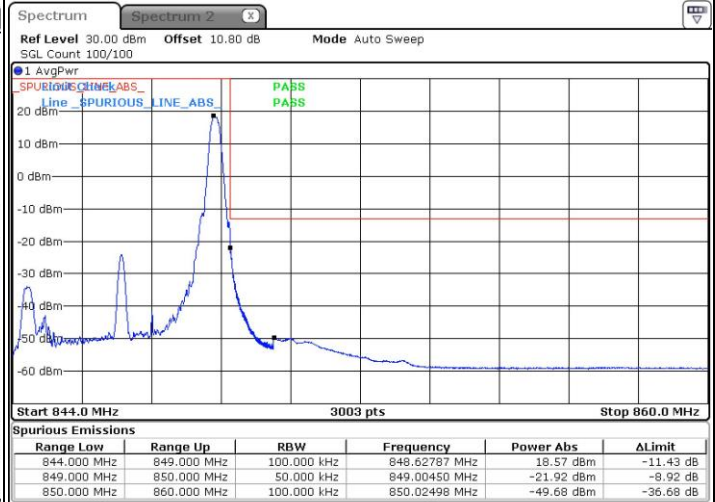


LTE Band 5 / 5MHz / 16QAM

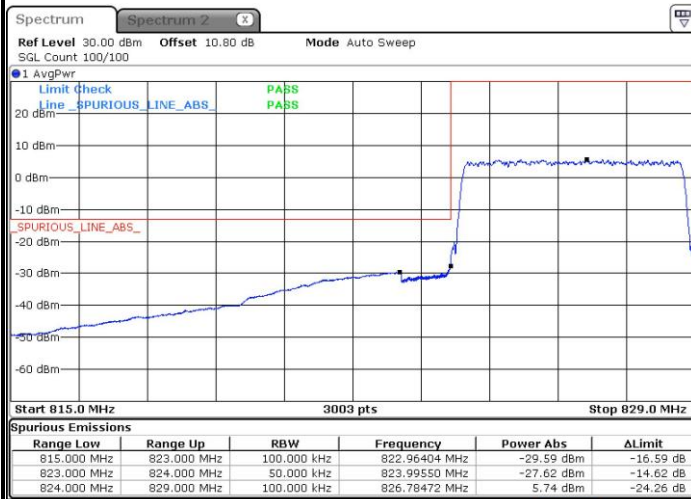
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



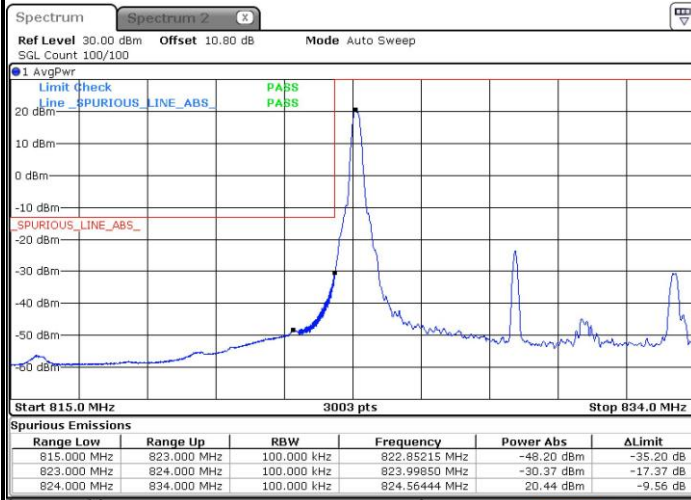
Highest Band Edge / Full RB



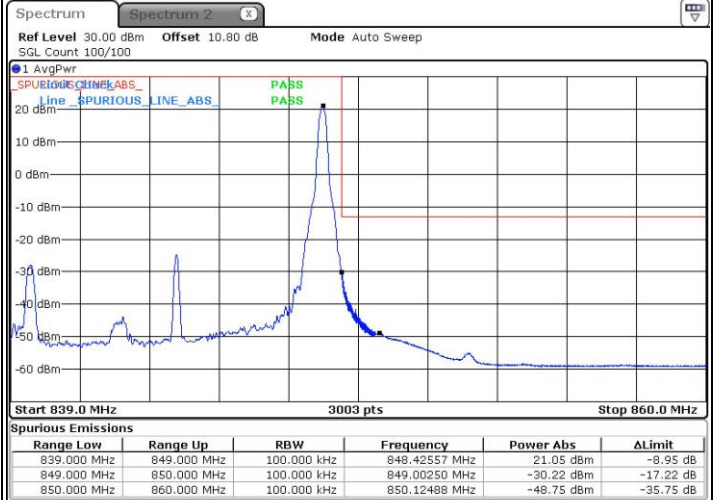


LTE Band 5 / 10MHz / QPSK

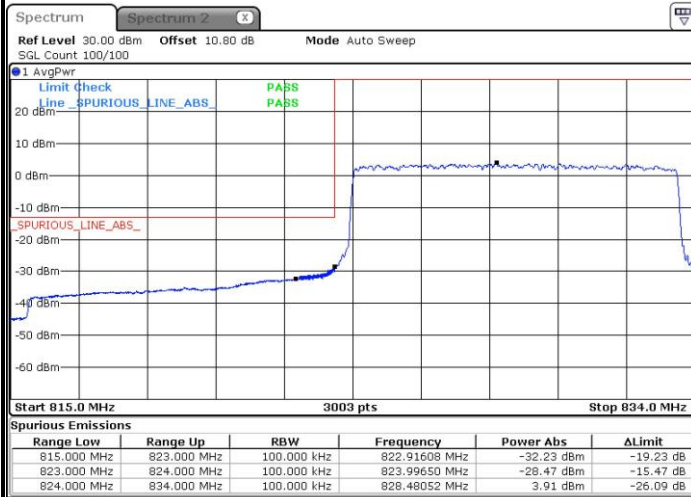
Lowest Band Edge / 1 RB



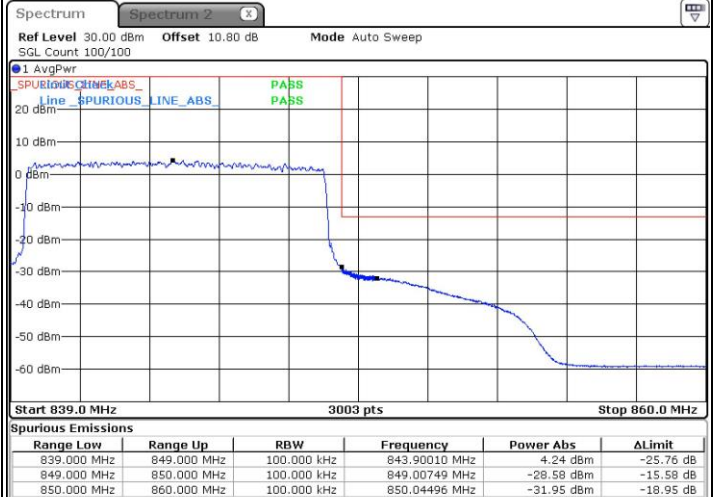
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



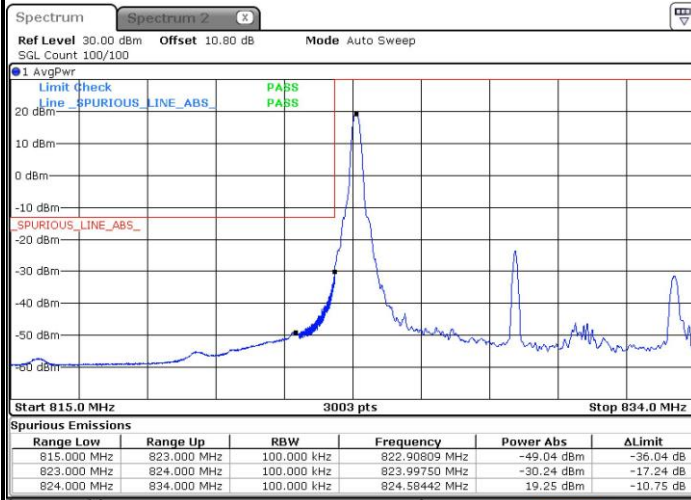
Highest Band Edge / Full RB



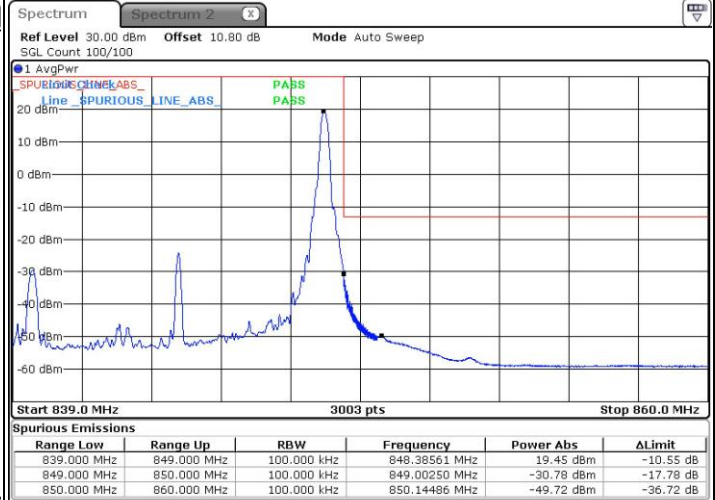


LTE Band 5 / 10MHz / 16QAM

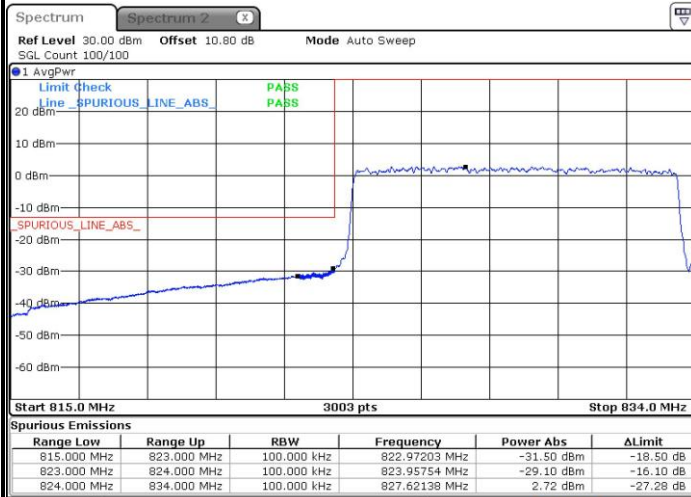
Lowest Band Edge / 1 RB



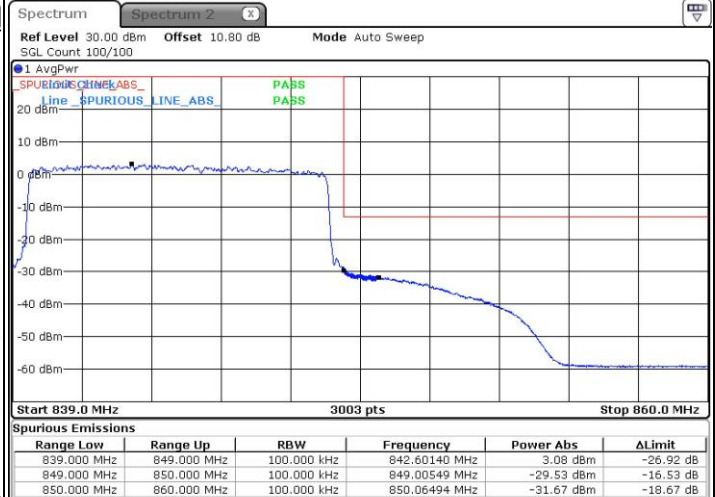
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

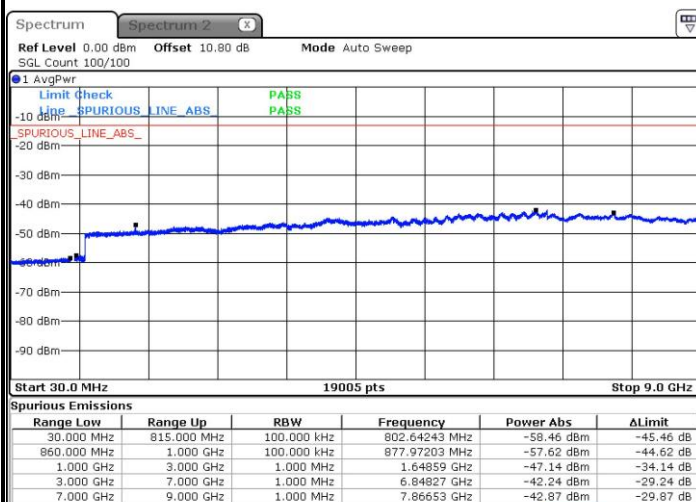




Conducted Spurious Emission

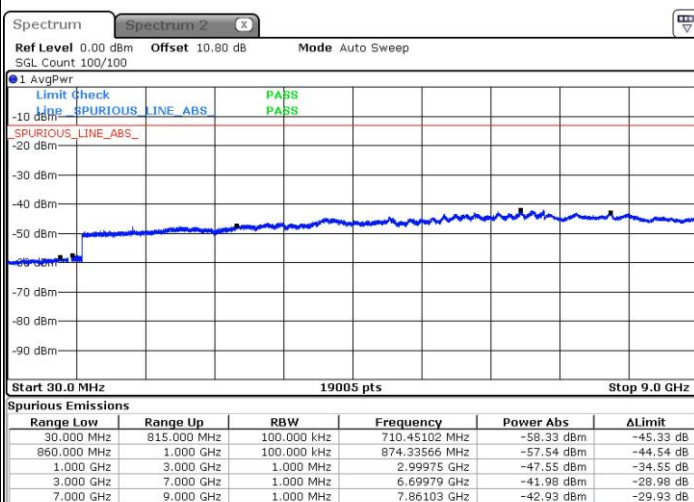
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



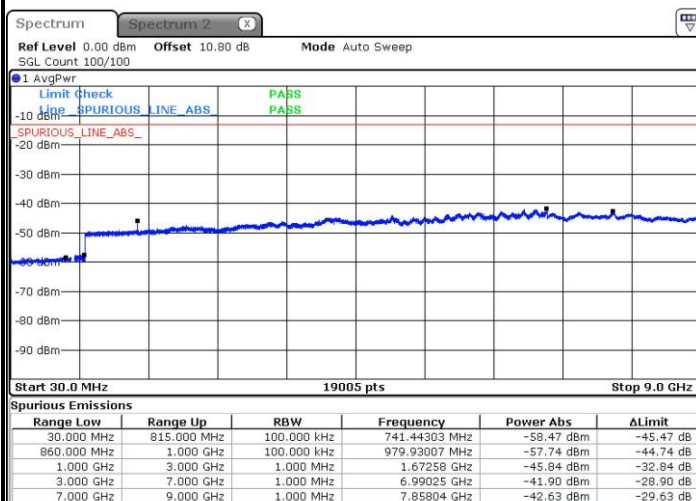
Date: 18 MAY 2017 19:47:59

Lowest Channel / 16QAM



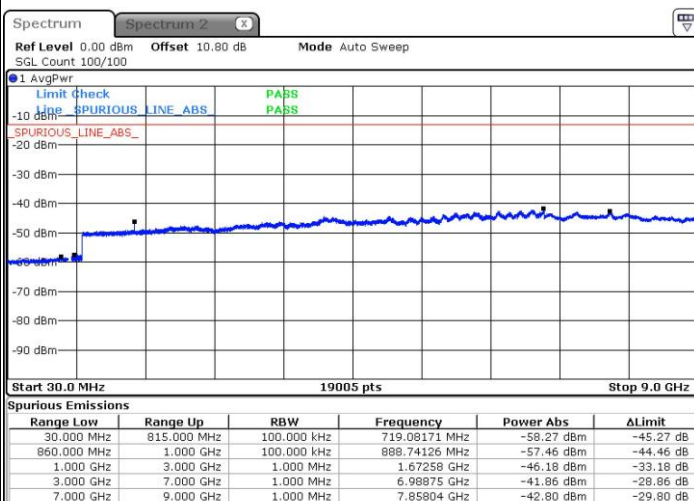
Date: 18 MAY 2017 19:48:53

Middle Channel / QPSK



Date: 18 MAY 2017 19:50:29

Middle Channel / 16QAM

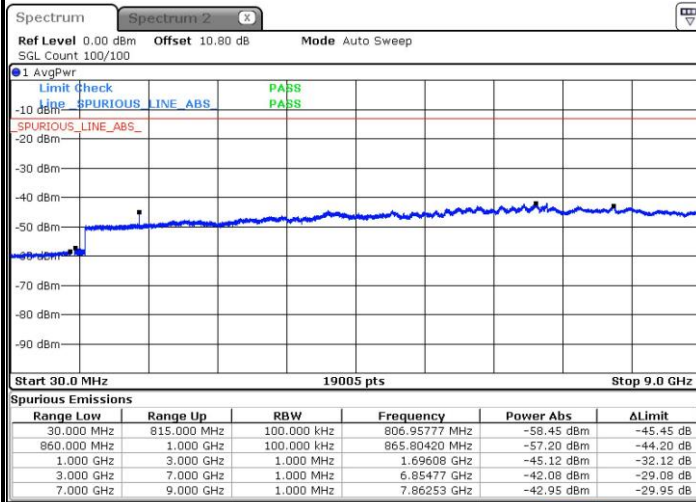


Date: 18 MAY 2017 19:51:23



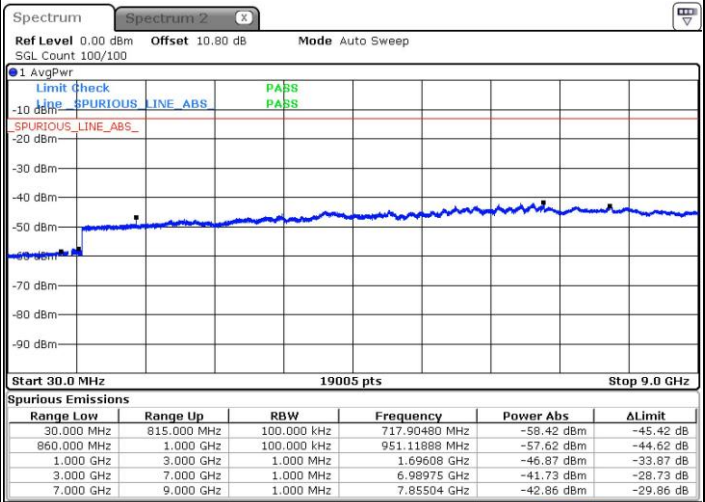
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 18 MAY 2017 19:59:36

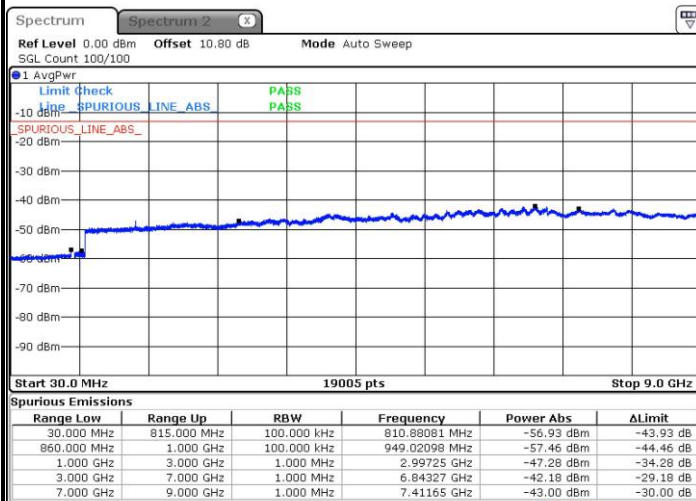
Highest Channel / 16QAM



Date: 18 MAY 2017 20:00:30

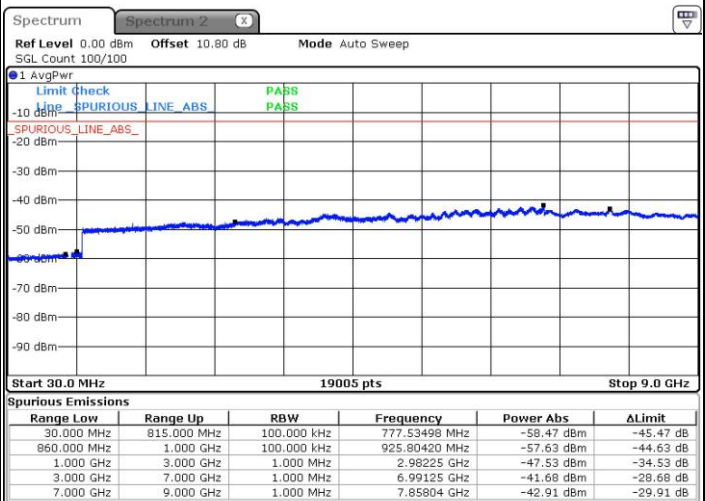
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 18 MAY 2017 20:08:42

Lowest Channel / 16QAM

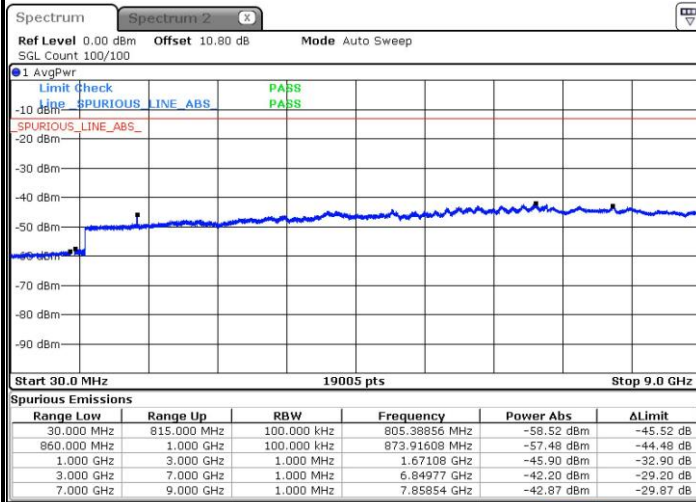


Date: 18 MAY 2017 20:09:36



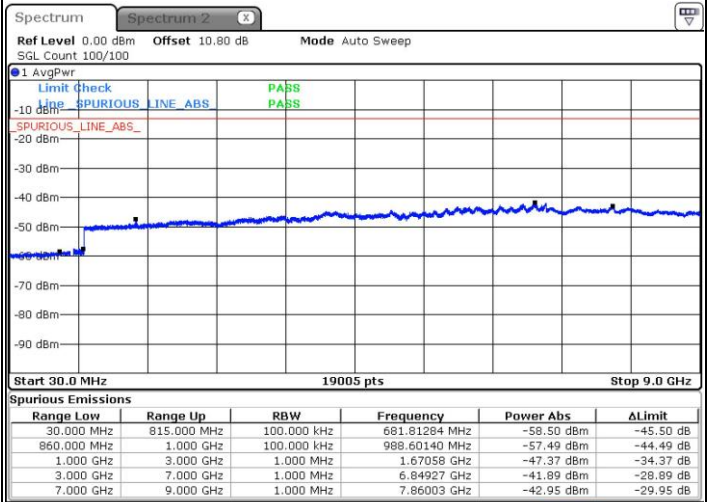
LTE Band 5 / 3MHz

Middle Channel / QPSK



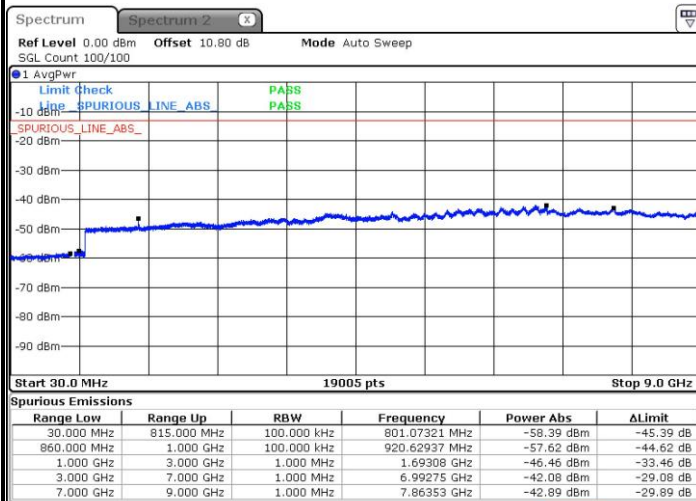
Date: 18 MAY 2017 20:11:12

Middle Channel / 16QAM



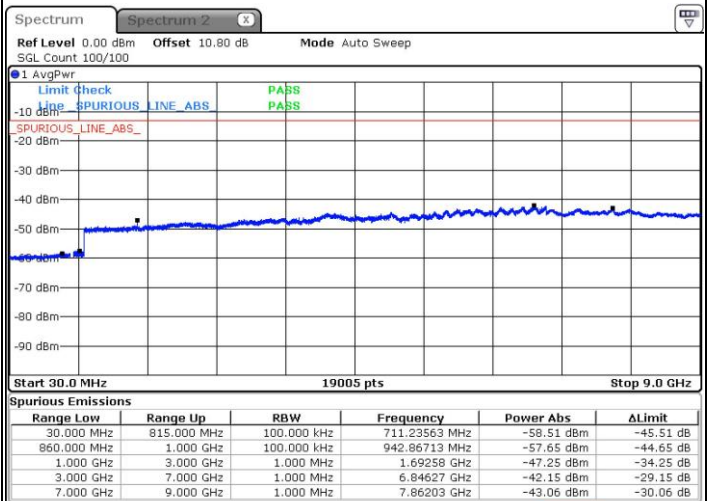
Date: 18 MAY 2017 20:12:06

Highest Channel / QPSK



Date: 18 MAY 2017 20:20:18

Highest Channel / 16QAM

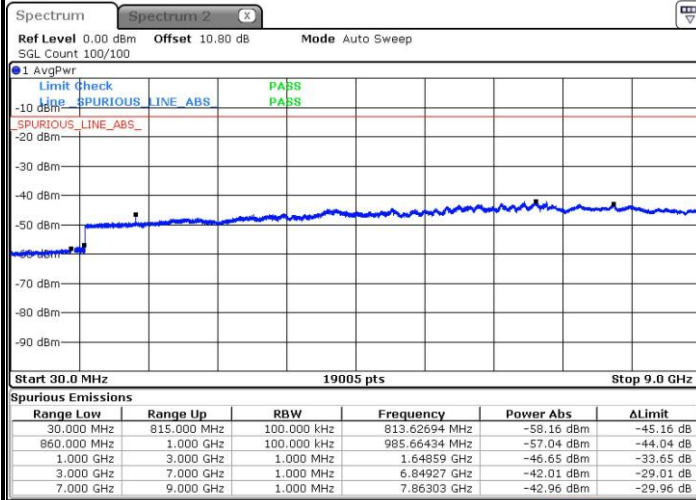


Date: 18 MAY 2017 20:21:12



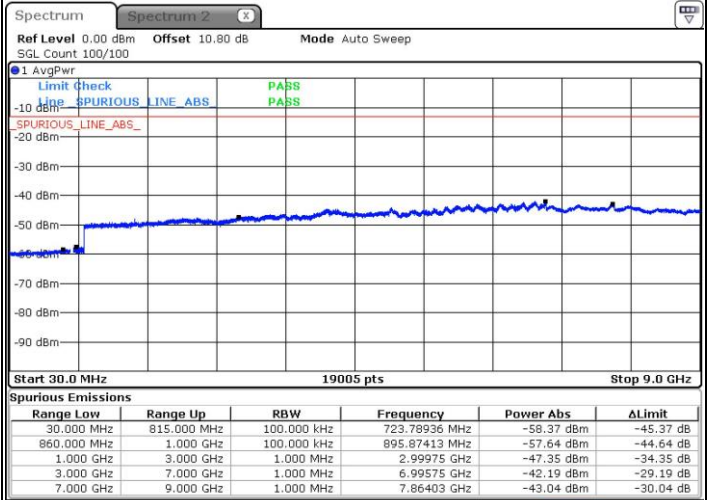
LTE Band 5 / 5MHz

Lowest Channel / QPSK



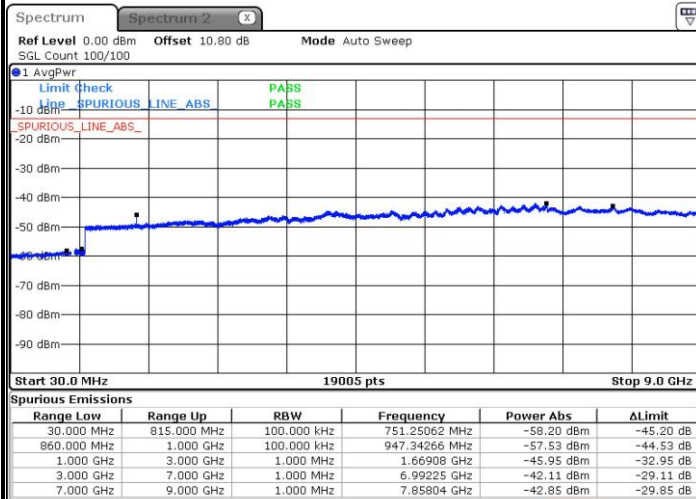
Date: 18 MAY 2017 20:29:25

Lowest Channel / 16QAM



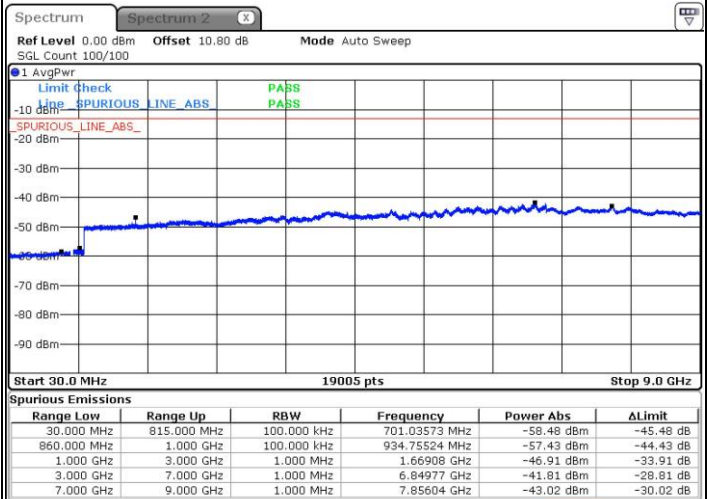
Date: 18 MAY 2017 20:30:19

Middle Channel / QPSK



Date: 18 MAY 2017 20:31:55

Middle Channel / 16QAM

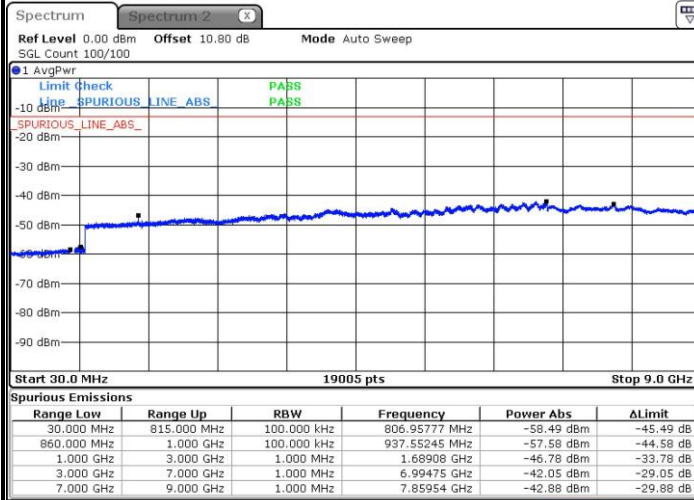


Date: 18 MAY 2017 20:32:49



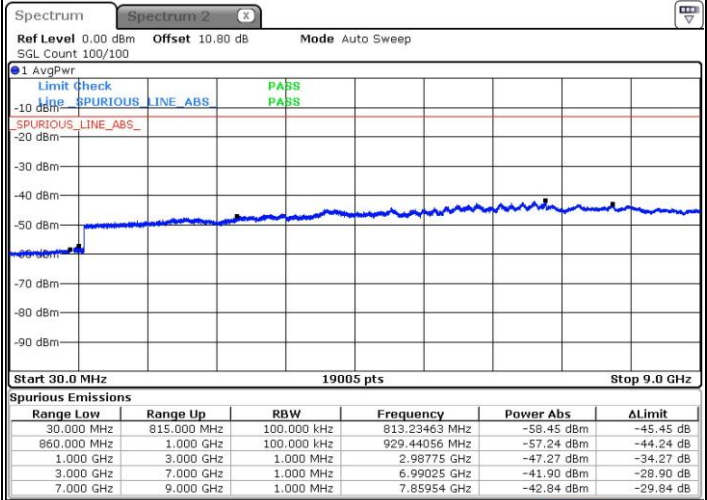
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 18 MAY 2017 20:41:01

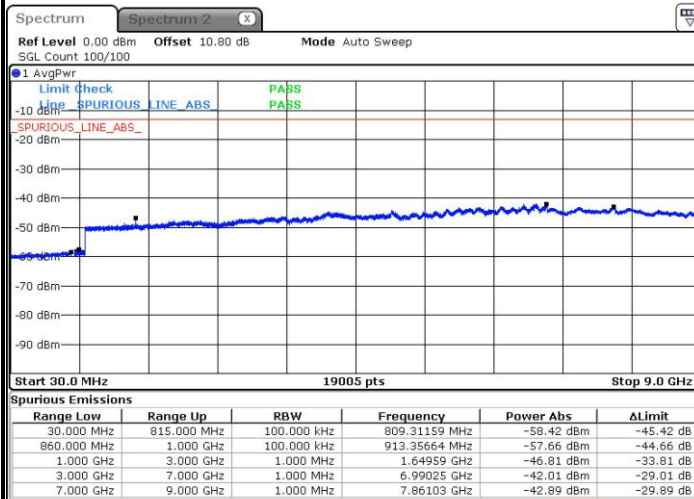
Highest Channel / 16QAM



Date: 18 MAY 2017 20:41:55

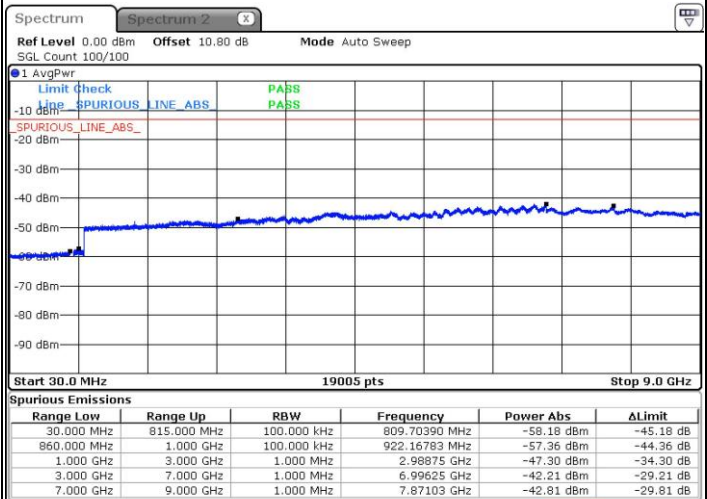
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 18 MAY 2017 20:50:08

Lowest Channel / 16QAM

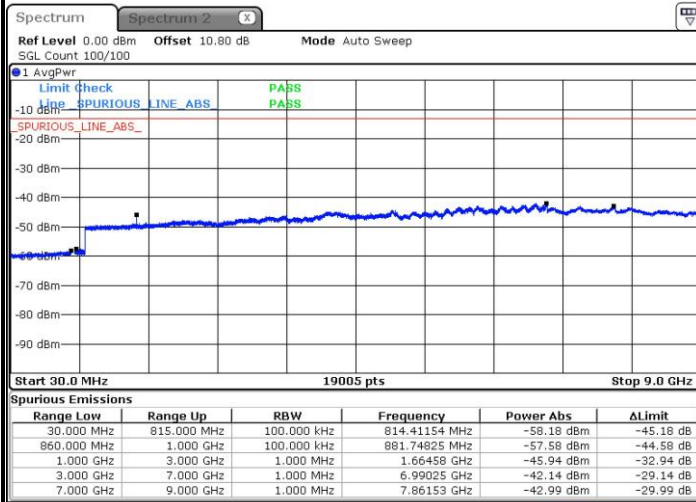


Date: 18 MAY 2017 20:51:02



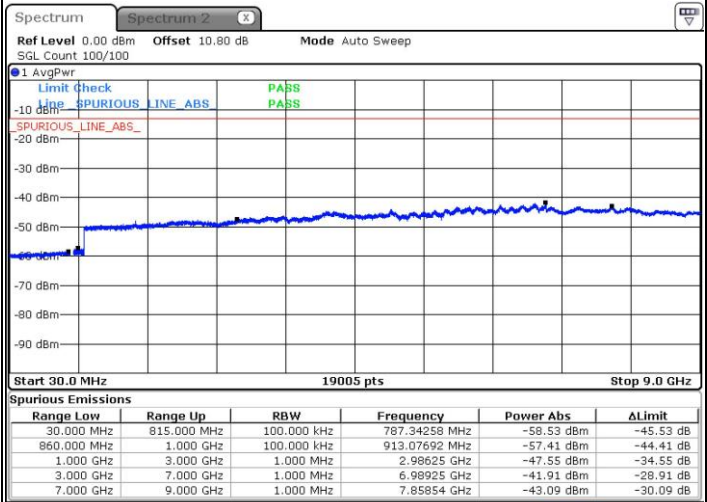
LTE Band 5 / 10MHz

Middle Channel / QPSK



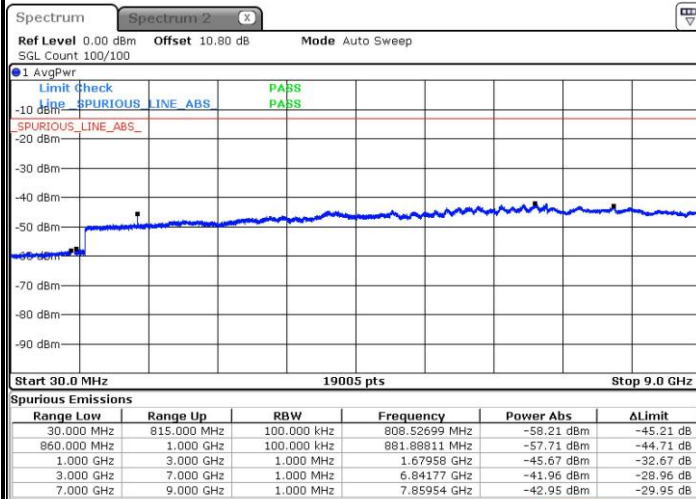
Date: 18 MAY 2017 20:52:37

Middle Channel / 16QAM



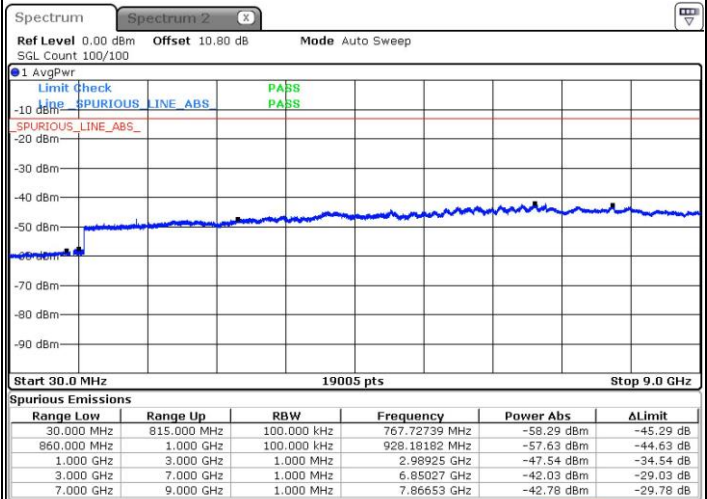
Date: 18 MAY 2017 20:53:32

Highest Channel / QPSK



Date: 18 MAY 2017 21:01:44

Highest Channel / 16QAM



Date: 18 MAY 2017 21:02:38

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

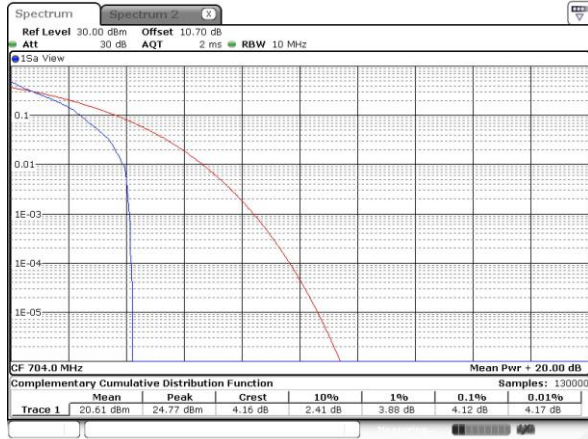
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.67	5.07	5.54	PASS
Middle CH	4.17	4.72	5.01	5.62	
Highest CH	4.49	4.84	5.04	5.68	

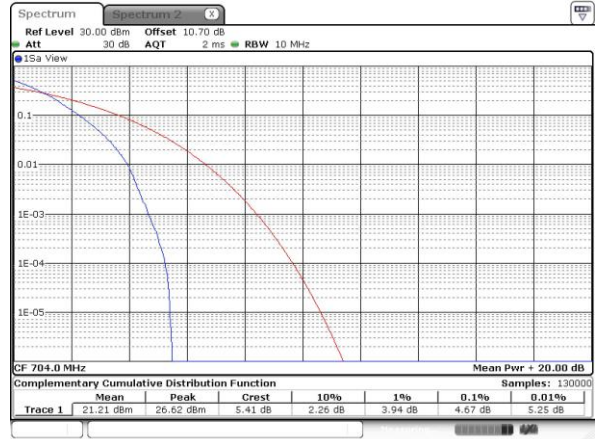


LTE Band 12 / 10MHz / QPSK

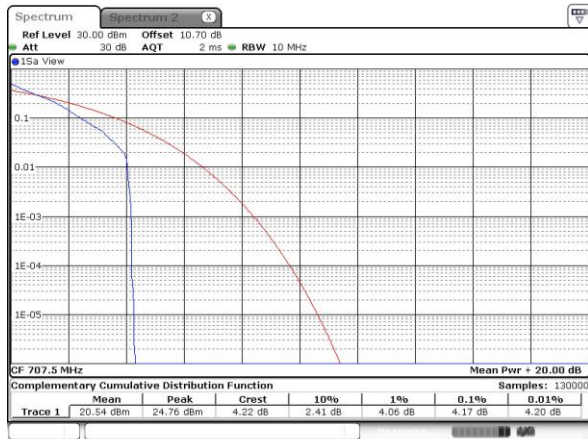
Lowest Channel / 1RB



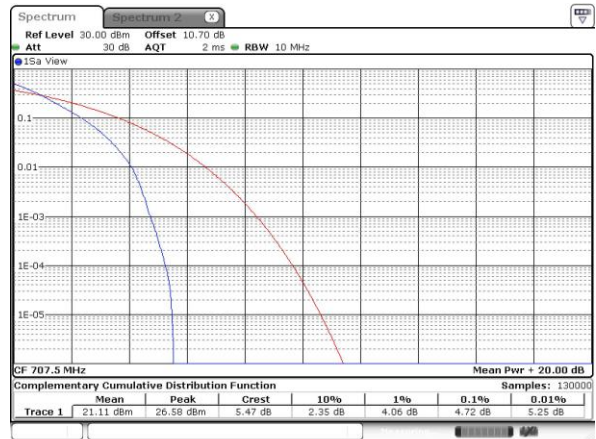
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

