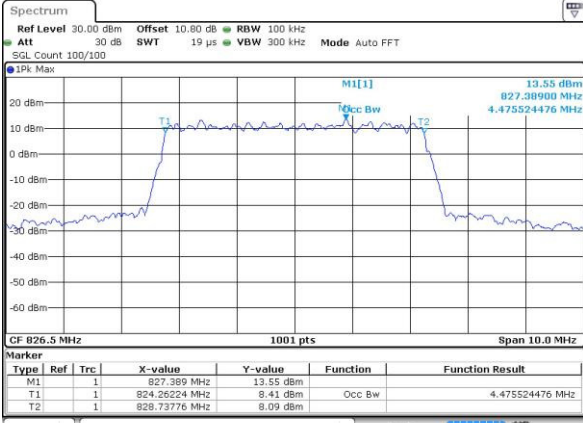




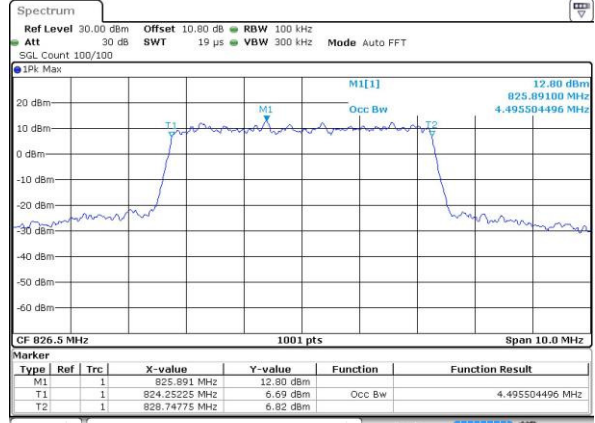
LTE Band 5

Lowest Channel / 5MHz / QPSK



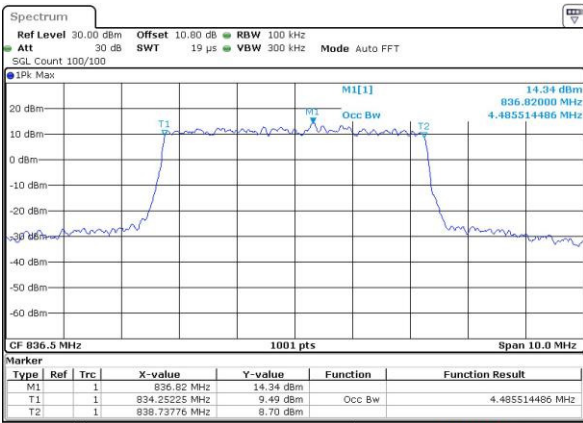
Date: 20 MAR 2017 14:27:35

Lowest Channel / 5MHz / 16QAM



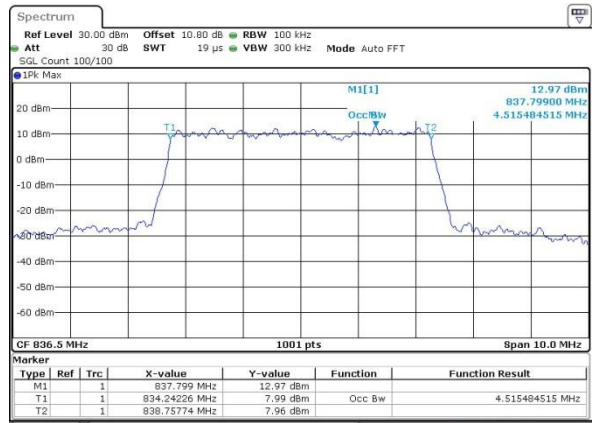
Date: 20 MAR 2017 14:27:45

Middle Channel / 5MHz / QPSK



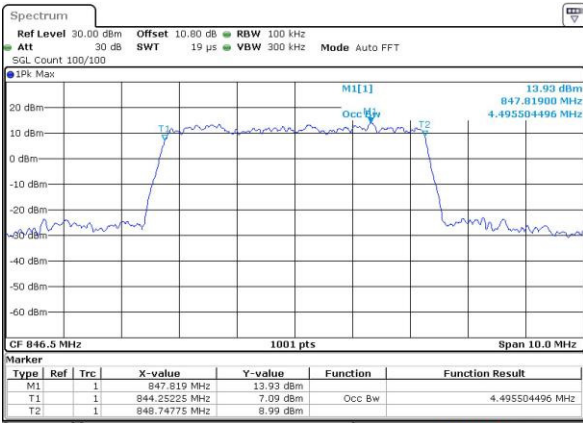
Date: 20 MAR 2017 14:36:42

Middle Channel / 5MHz / 16QAM



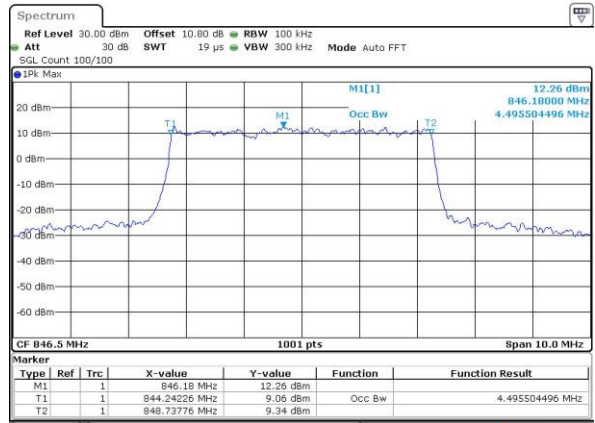
Date: 20 MAR 2017 14:36:52

Highest Channel / 5MHz / QPSK



Date: 20 MAR 2017 14:39:13

Highest Channel / 5MHz / 16QAM

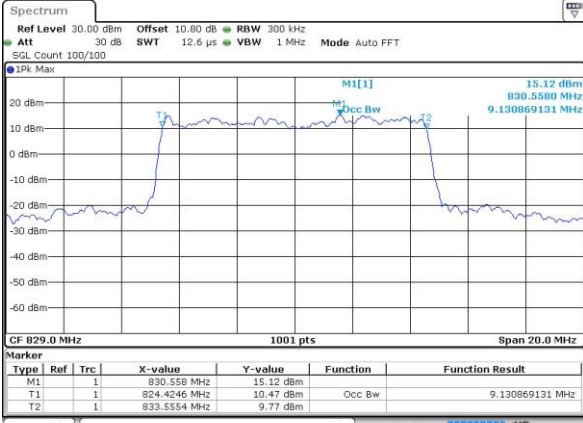


Date: 20 MAR 2017 14:39:23



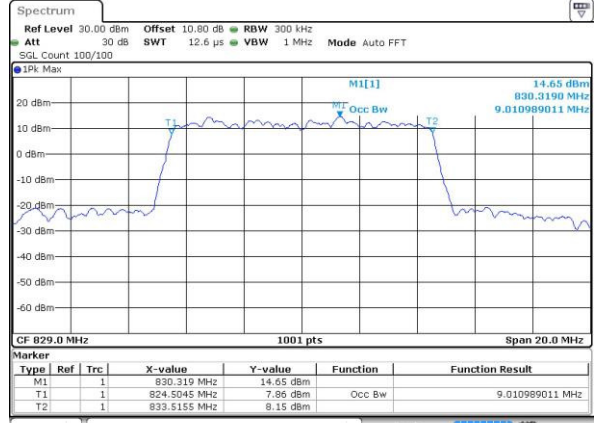
LTE Band 5

Lowest Channel / 10MHz / QPSK



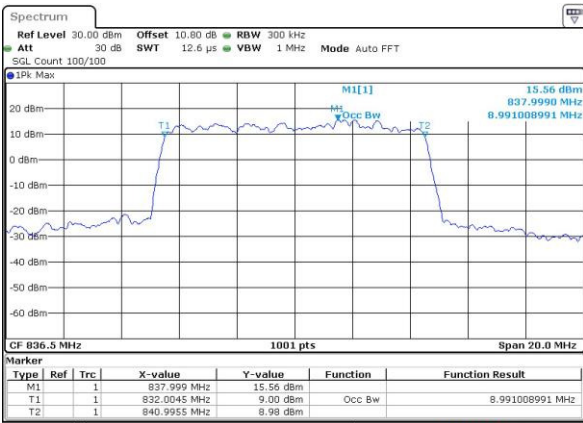
Date: 20 MAR 2017 14:48:20

Lowest Channel / 10MHz / 16QAM



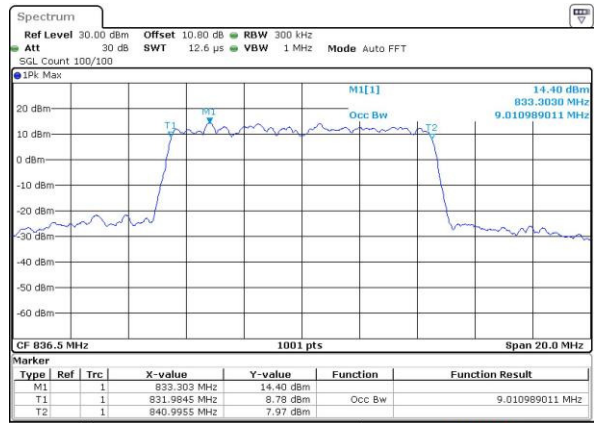
Date: 20 MAR 2017 14:48:30

Middle Channel / 10MHz / QPSK



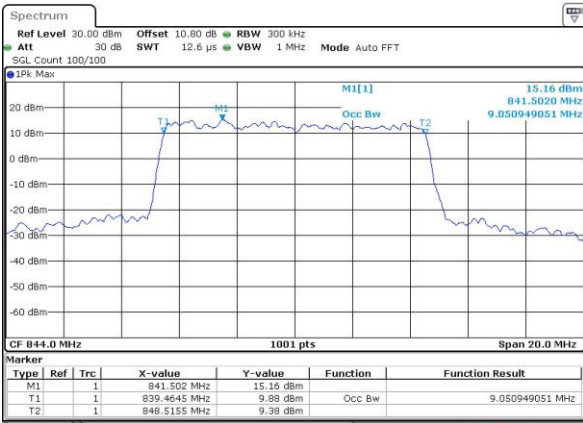
Date: 20 MAR 2017 14:57:26

Middle Channel / 10MHz / 16QAM



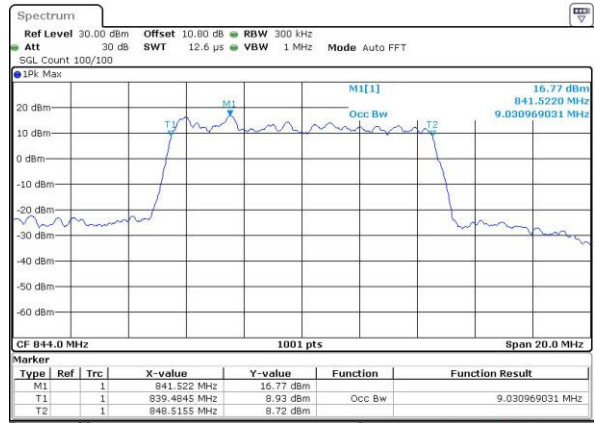
Date: 20 MAR 2017 14:57:37

Highest Channel / 10MHz / QPSK



Date: 20 MAR 2017 14:59:56

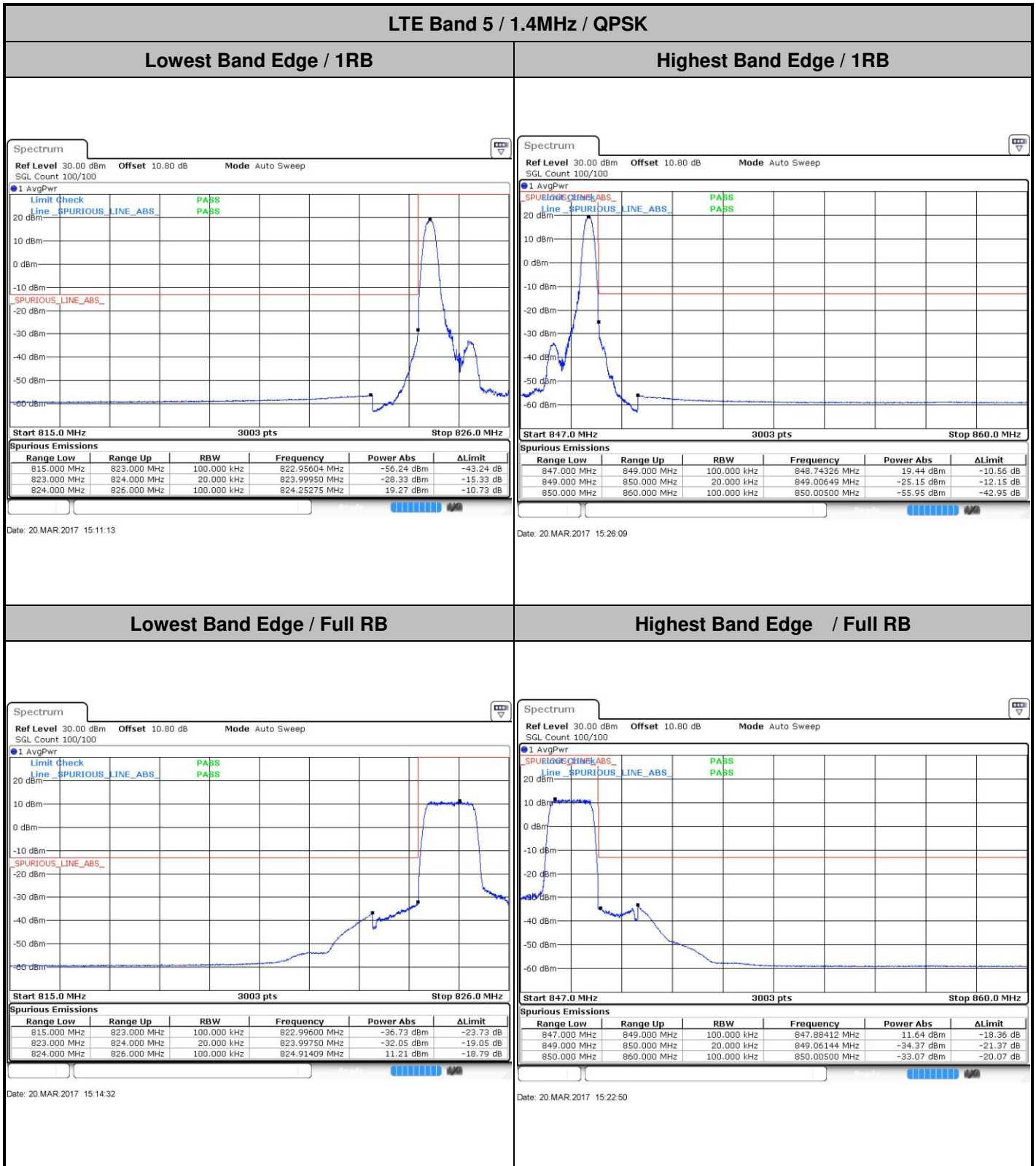
Highest Channel / 10MHz / 16QAM



Date: 20 MAR 2017 15:00:07



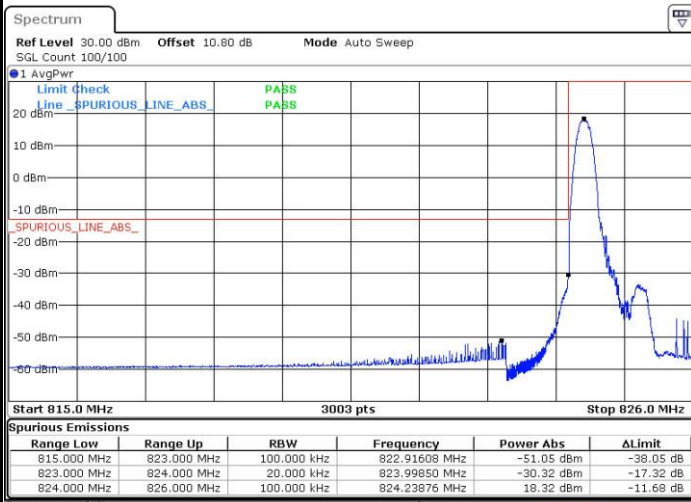
# Conducted Band Edge





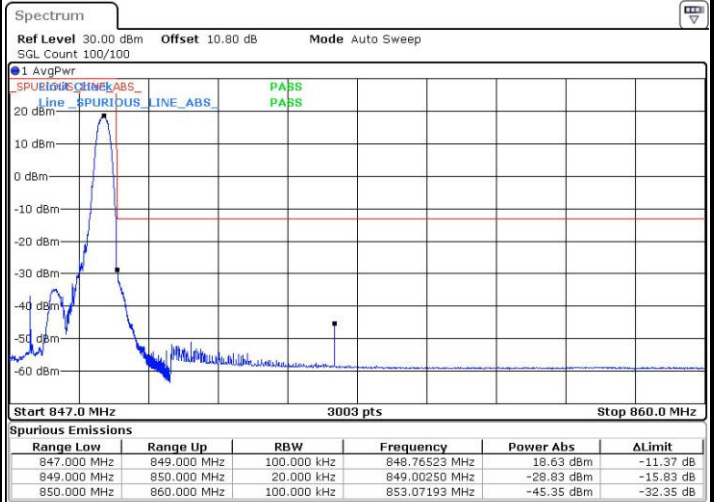
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 20.MAR.2017 15:12:52

Highest Band Edge / 1 RB



Date: 20.MAR.2017 15:27:48

Lowest Band Edge / Full RB



Date: 20.MAR.2017 15:16:11

Highest Band Edge / Full RB

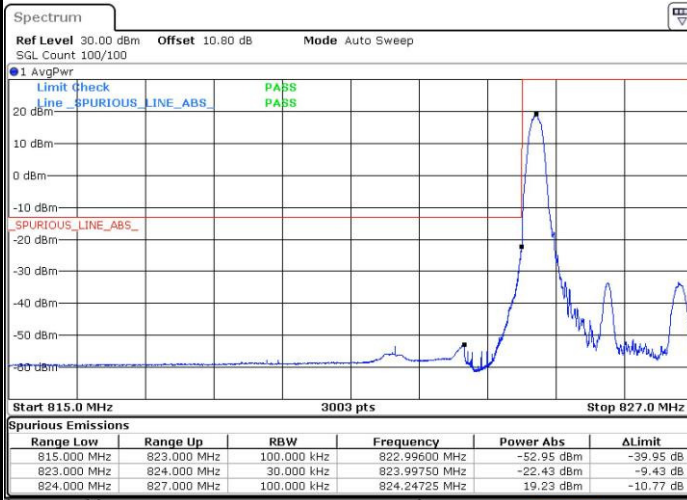


Date: 20.MAR.2017 15:24:29



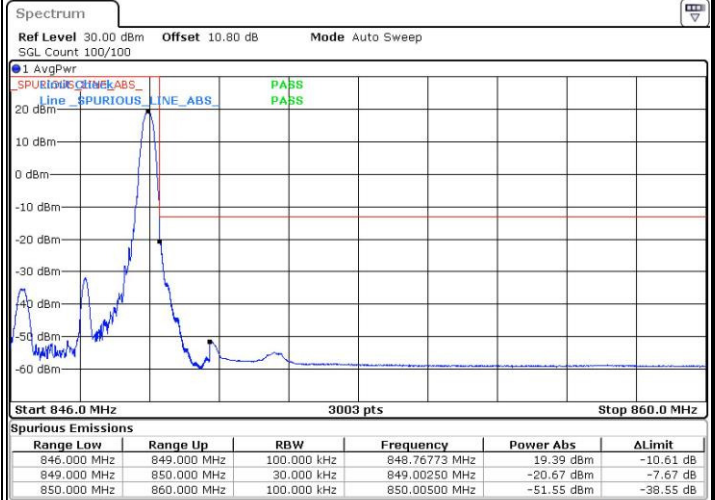
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 20.MAR.2017 14:09:01

Highest Band Edge / 1 RB



Date: 20.MAR.2017 14:20:38

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:12:19

Highest Band Edge / Full RB

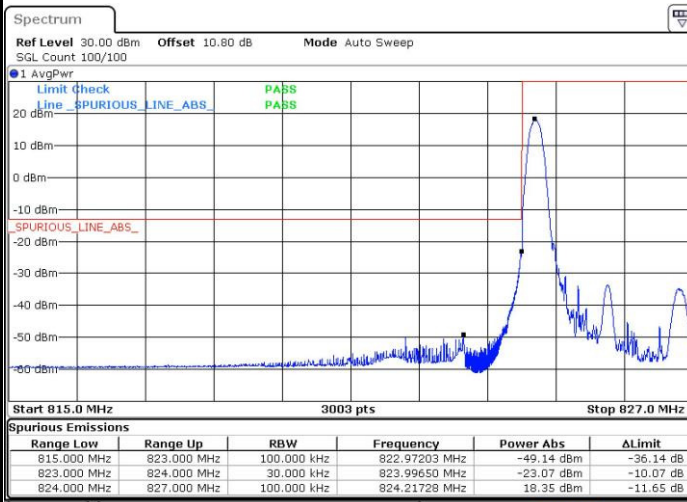


Date: 20.MAR.2017 14:23:56



LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 20.MAR.2017 14:10:40

Highest Band Edge / 1 RB



Date: 20.MAR.2017 14:22:17

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:13:59

Highest Band Edge / Full RB

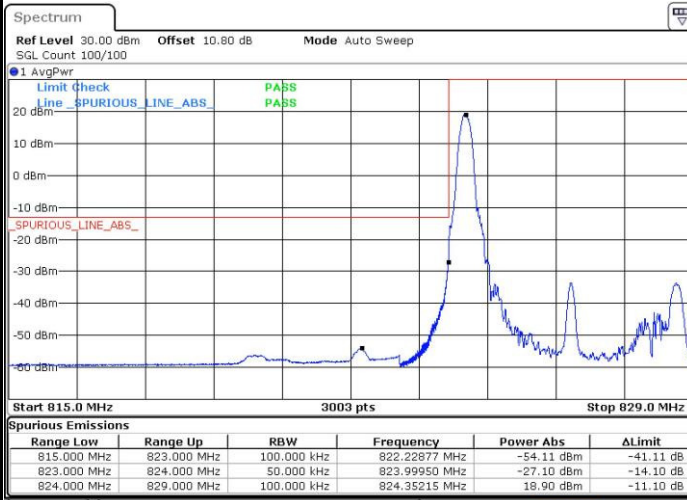


Date: 20.MAR.2017 14:25:36



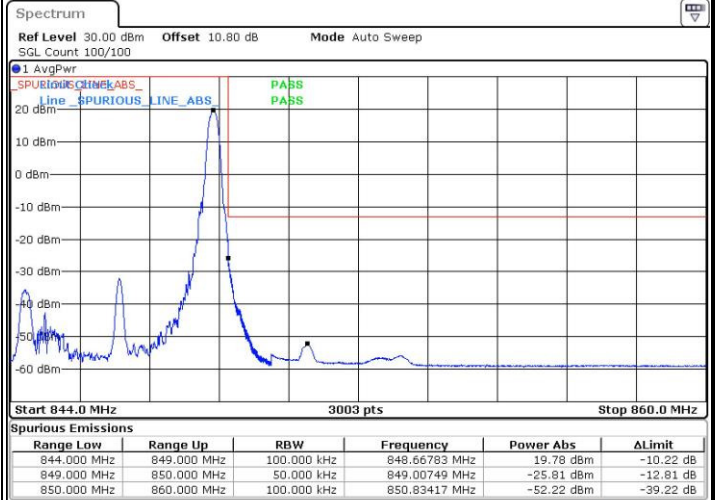
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



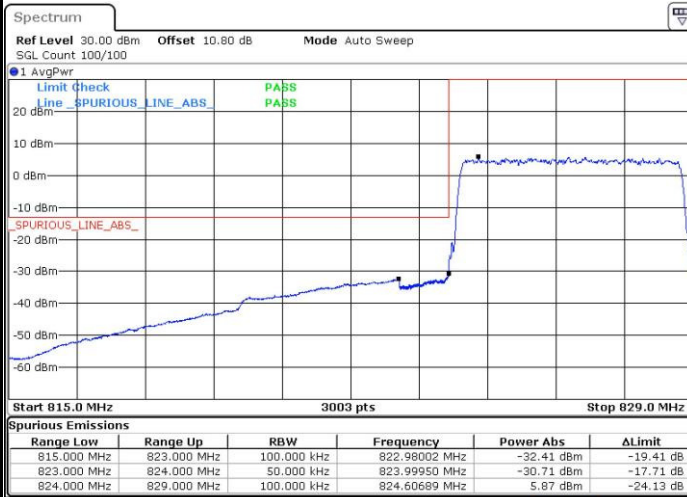
Date: 20.MAR.2017 14:29:45

Highest Band Edge / 1 RB



Date: 20.MAR.2017 14:41:23

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:33:03

Highest Band Edge / Full RB

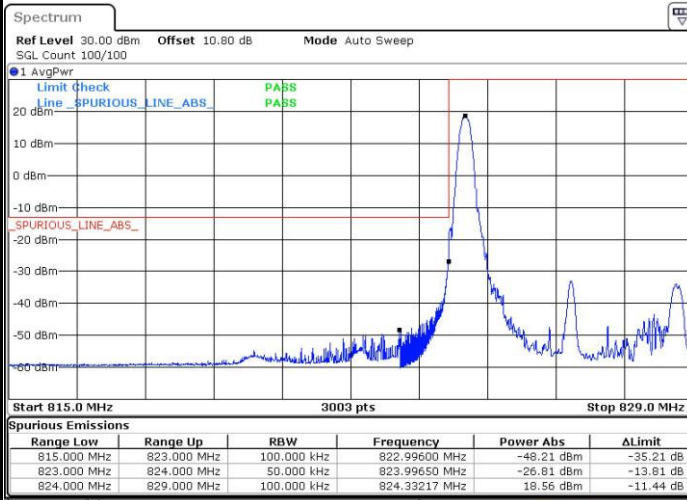


Date: 20.MAR.2017 14:44:41



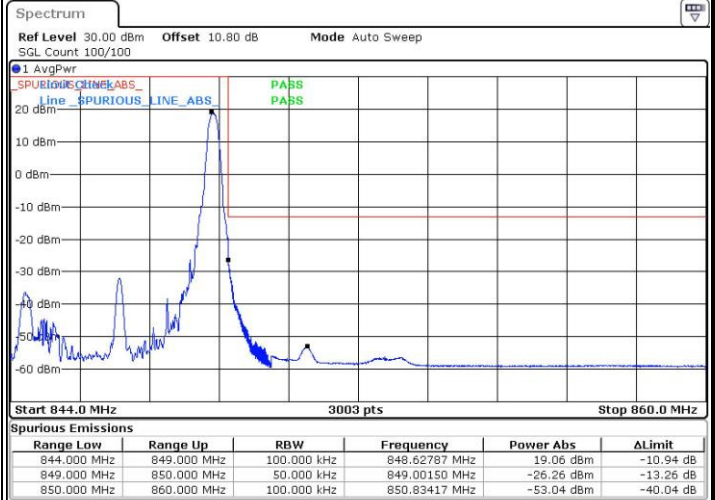
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



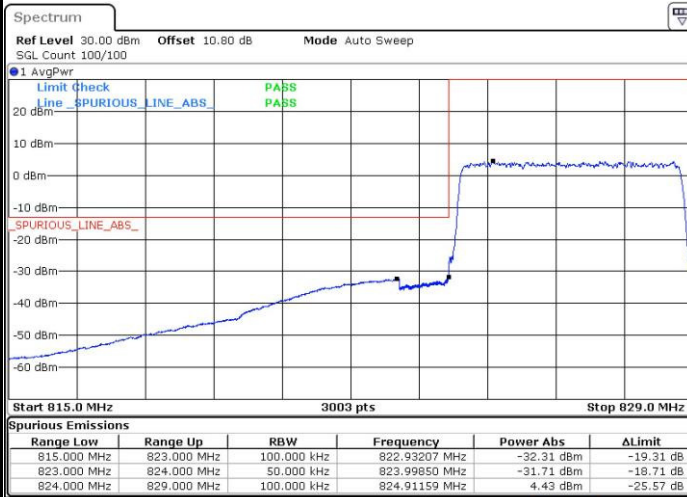
Date: 20.MAR.2017 14:31:24

Highest Band Edge / 1 RB



Date: 20.MAR.2017 14:43:02

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:34:42

Highest Band Edge / Full RB



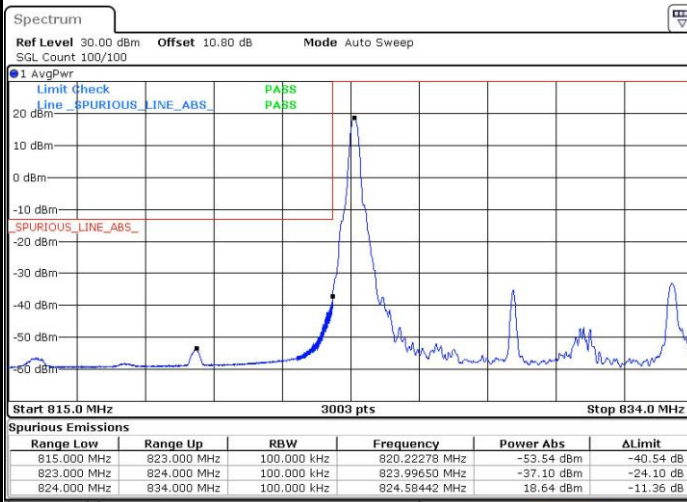
Date: 20.MAR.2017 14:46:20





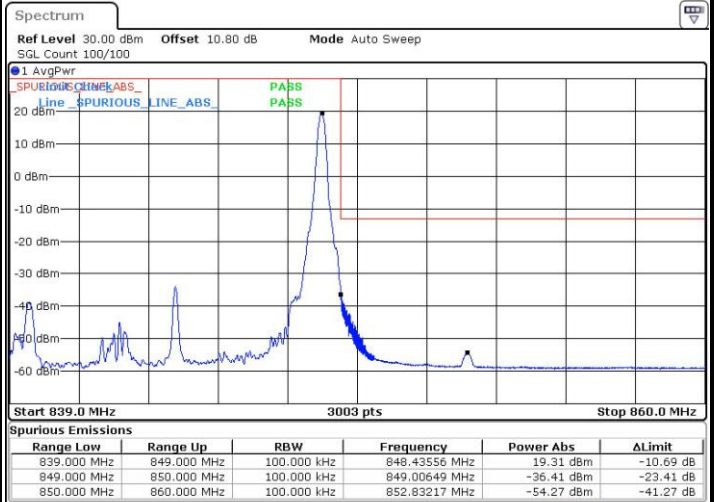
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



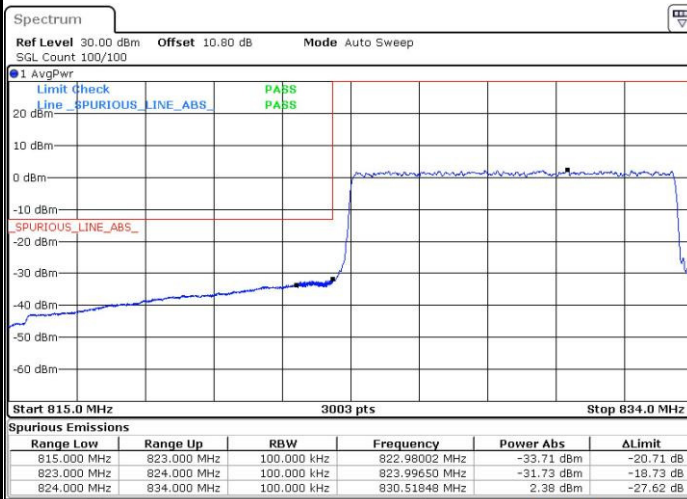
Date: 20.MAR.2017 14:50:29

Highest Band Edge / 1 RB



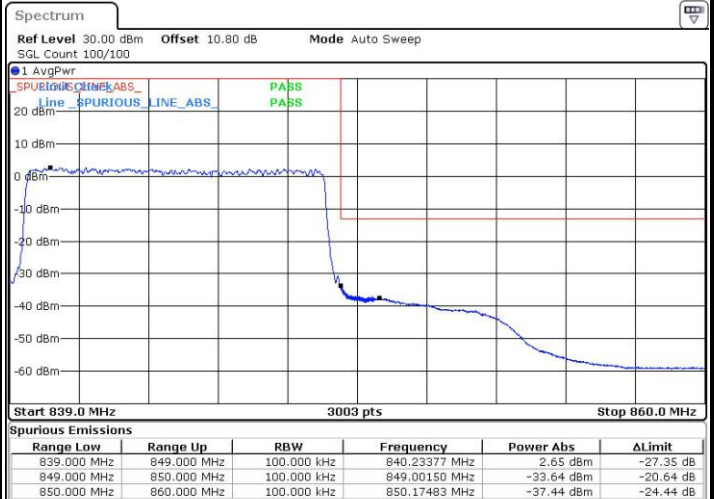
Date: 20.MAR.2017 15:02:06

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:53:48

Highest Band Edge / Full RB

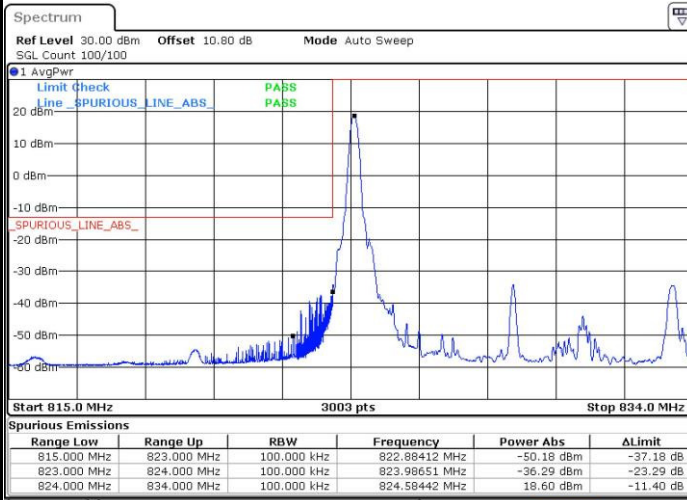


Date: 20.MAR.2017 15:05:25



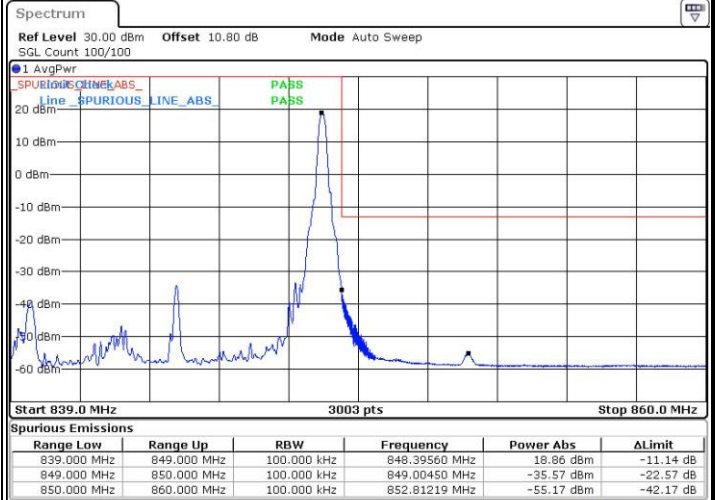
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



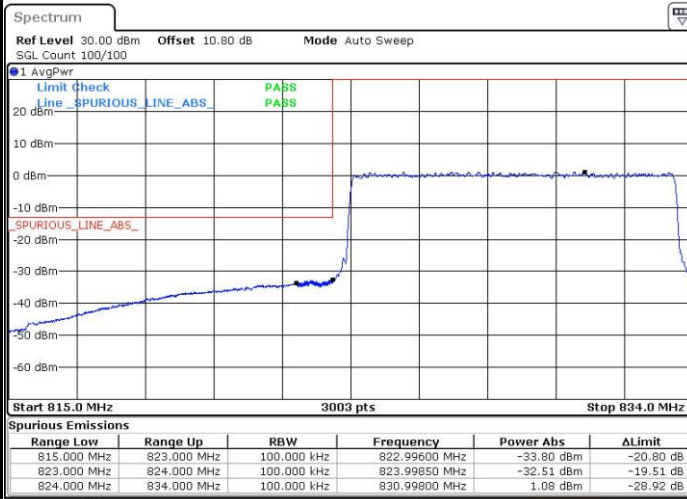
Date: 20.MAR.2017 14:52:09

Highest Band Edge / 1 RB



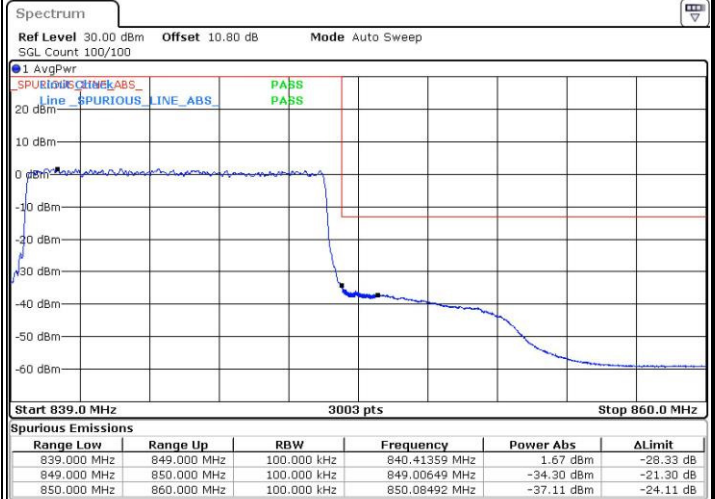
Date: 20.MAR.2017 15:03:46

Lowest Band Edge / Full RB



Date: 20.MAR.2017 14:55:27

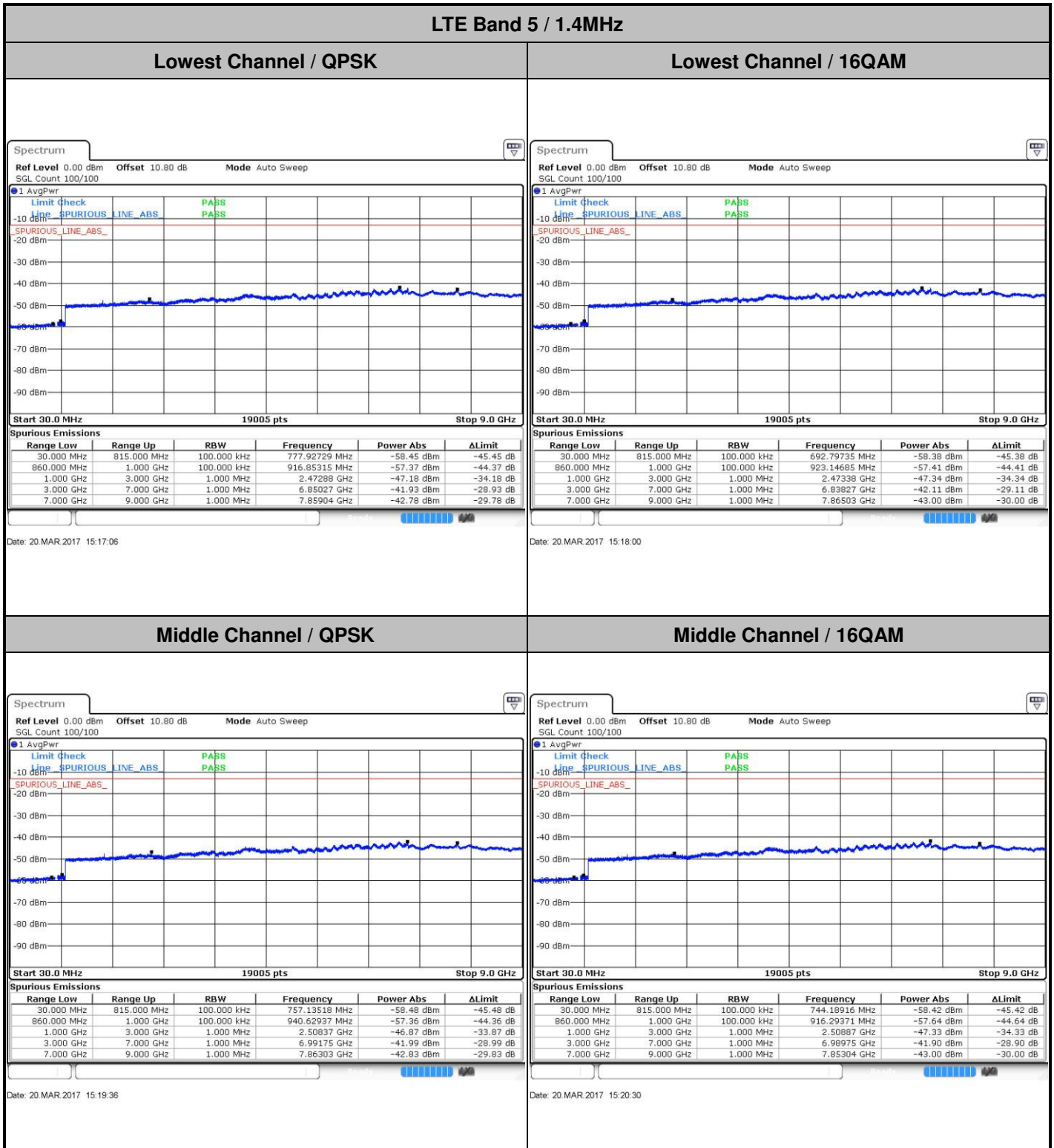
Highest Band Edge / Full RB



Date: 20.MAR.2017 15:07:04



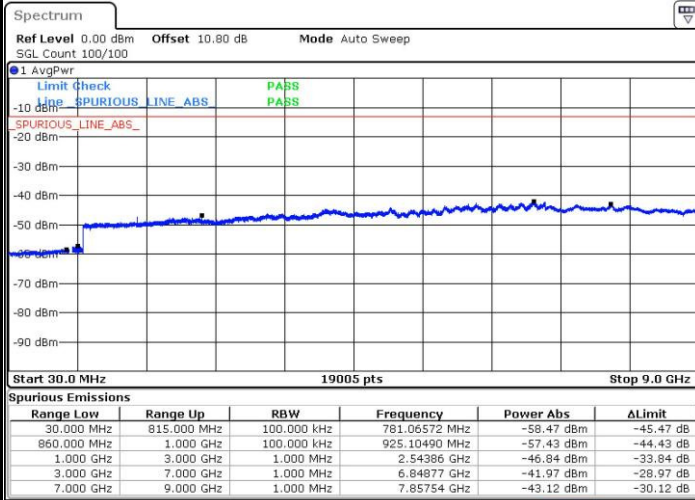
# Conducted Spurious Emission





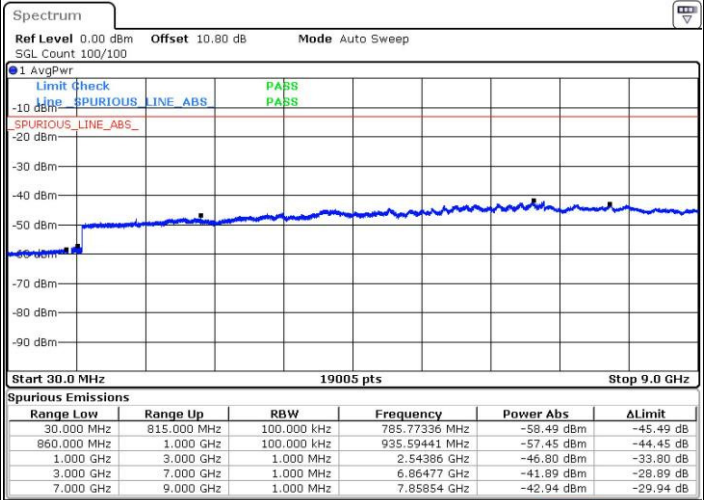
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 20 MAR 2017 15:28:43

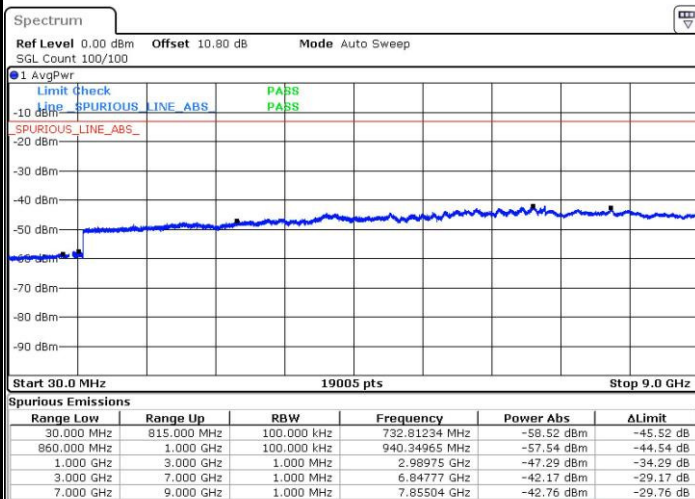
Highest Channel / 16QAM



Date: 20 MAR 2017 15:29:37

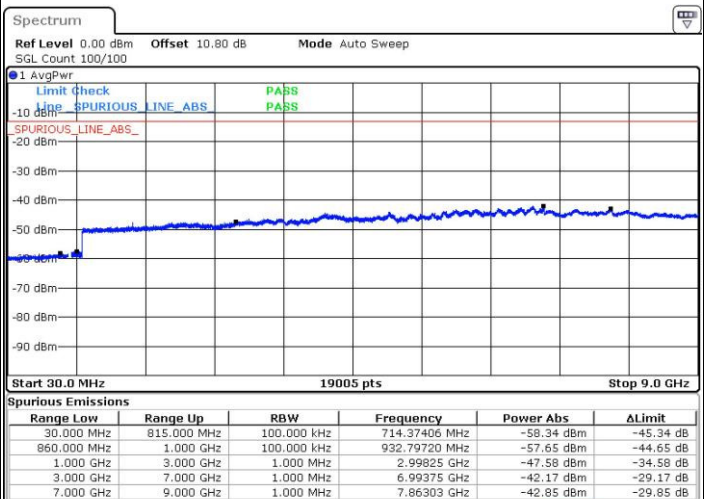
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 20 MAR 2017 14:14:53

Lowest Channel / 16QAM



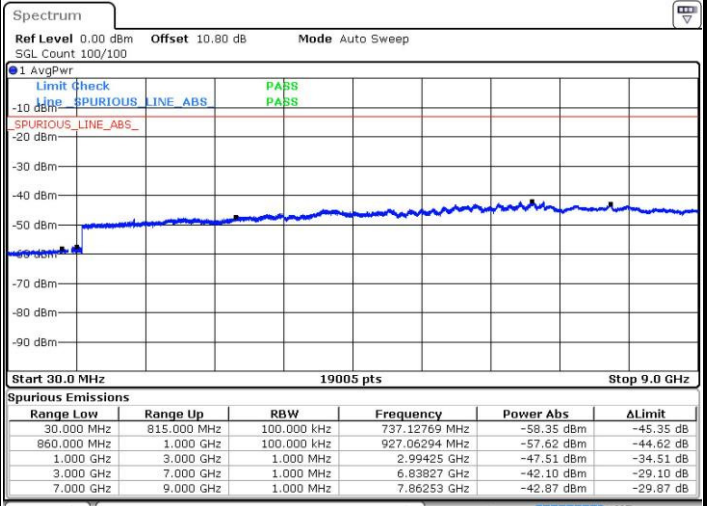
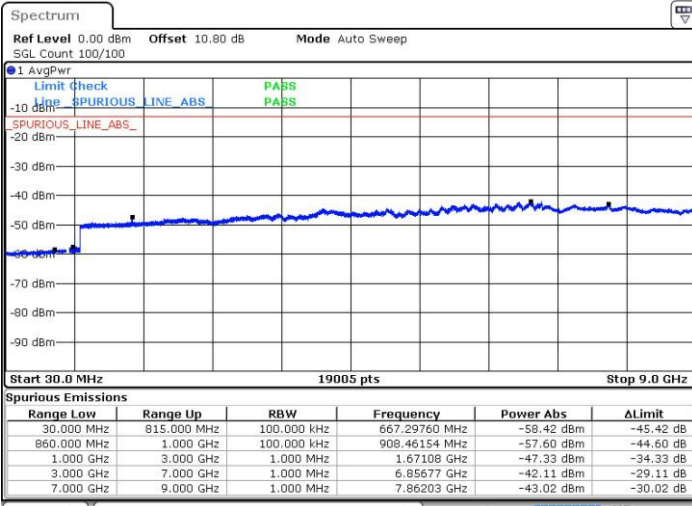
Date: 20 MAR 2017 14:15:48



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

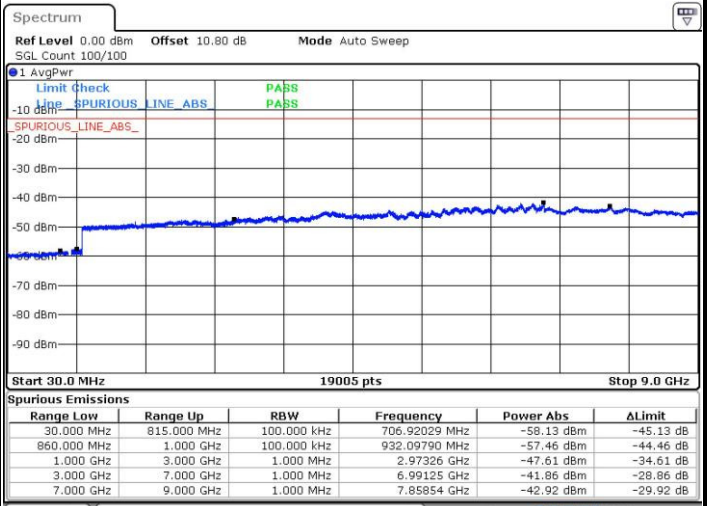
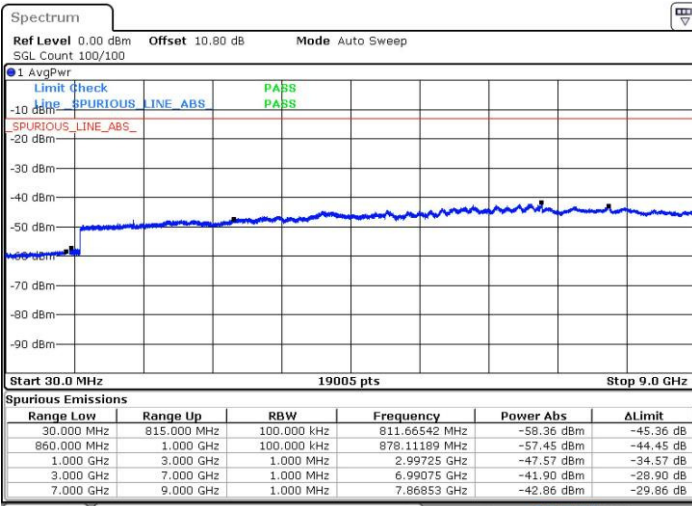


Date: 20 MAR 2017 14:17:24

Date: 20 MAR 2017 14:18:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 MAR 2017 14:26:30

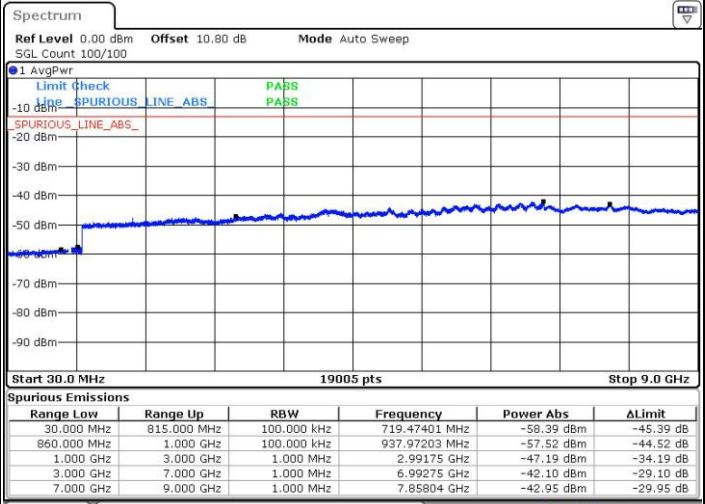
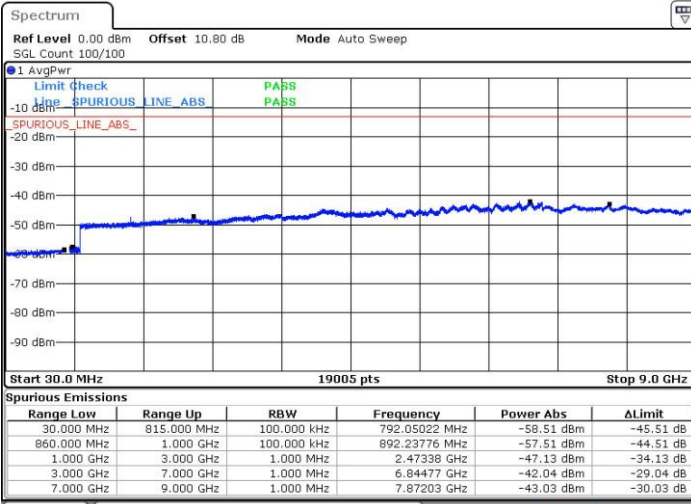
Date: 20 MAR 2017 14:27:24



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

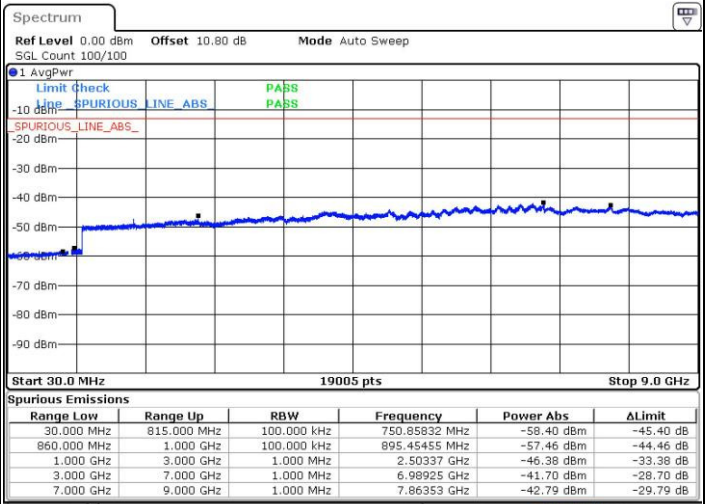
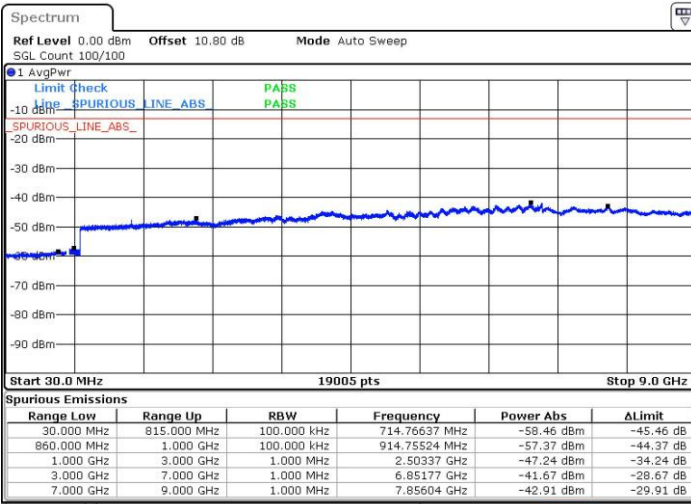


Date: 20 MAR 2017 14:35:37

Date: 20 MAR 2017 14:36:31

Middle Channel / QPSK

Middle Channel / 16QAM



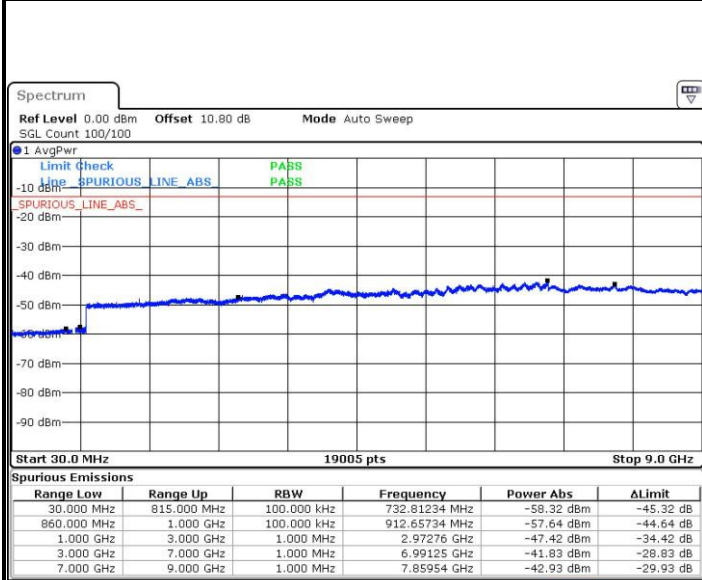
Date: 20 MAR 2017 14:38:09

Date: 20 MAR 2017 14:39:03



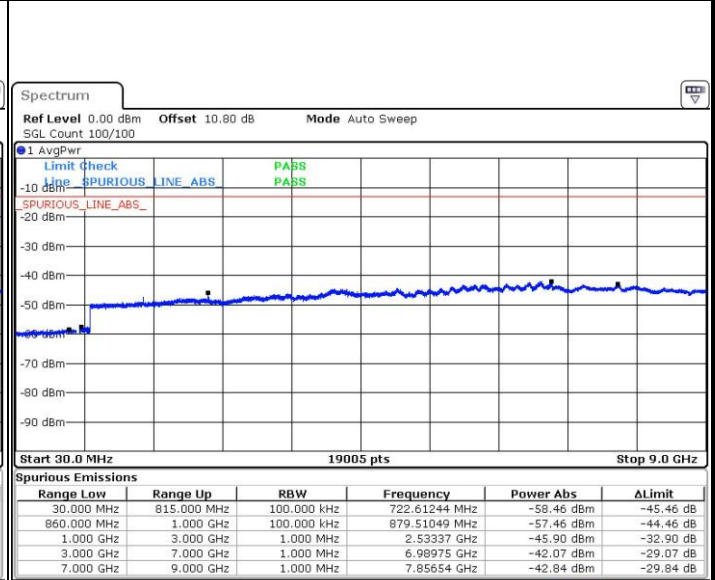
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 20 MAR 2017 14:47:15

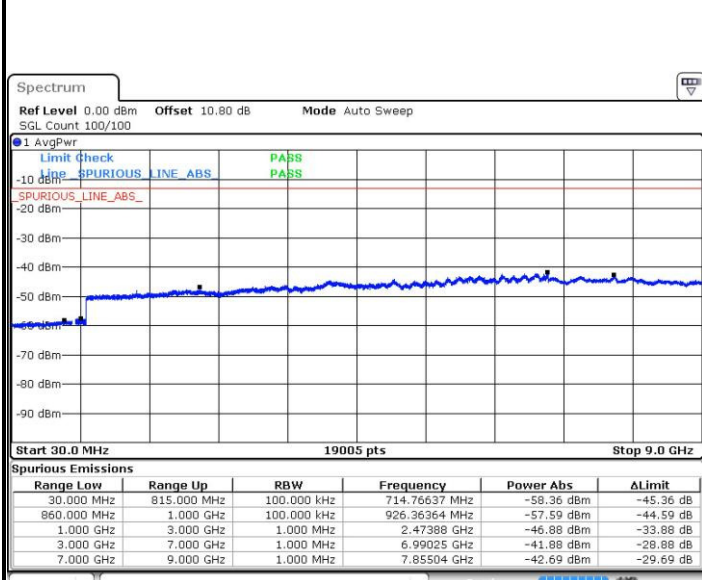
Highest Channel / 16QAM



Date: 20 MAR 2017 14:48:09

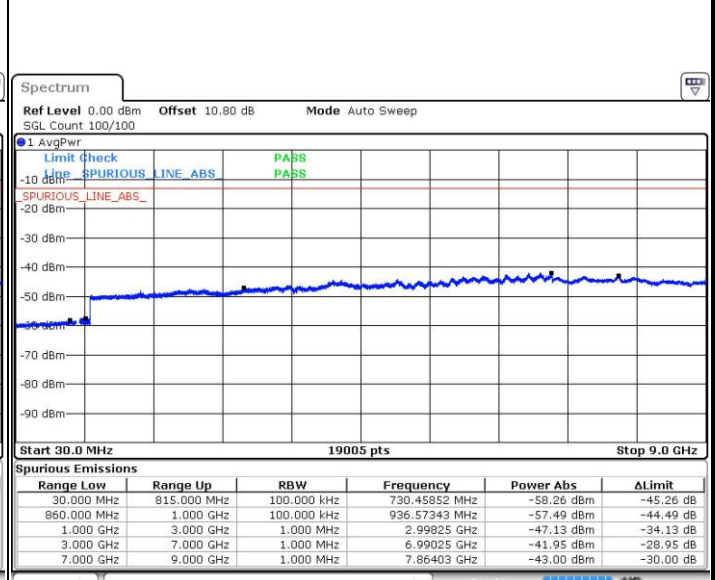
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 20 MAR 2017 14:56:22

Lowest Channel / 16QAM

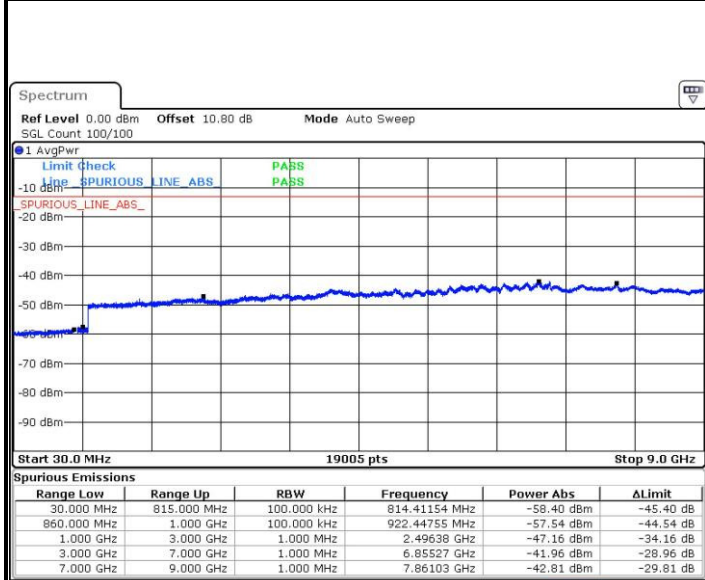


Date: 20 MAR 2017 14:57:16



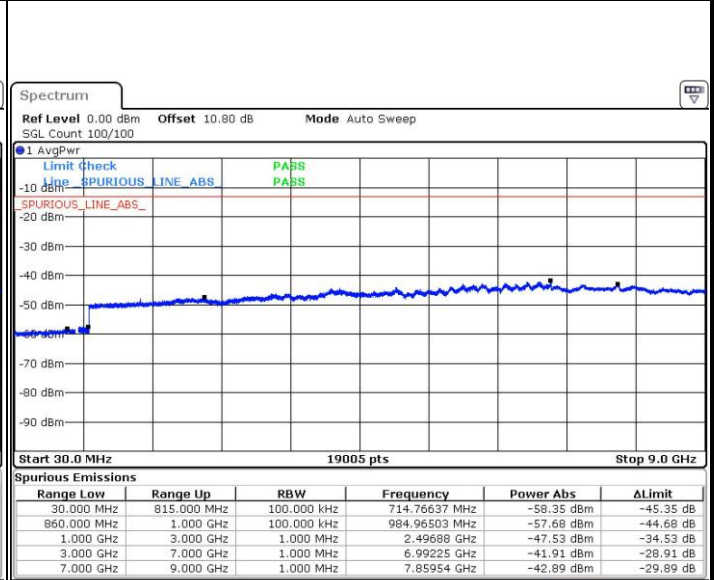
LTE Band 5 / 10MHz

Middle Channel / QPSK



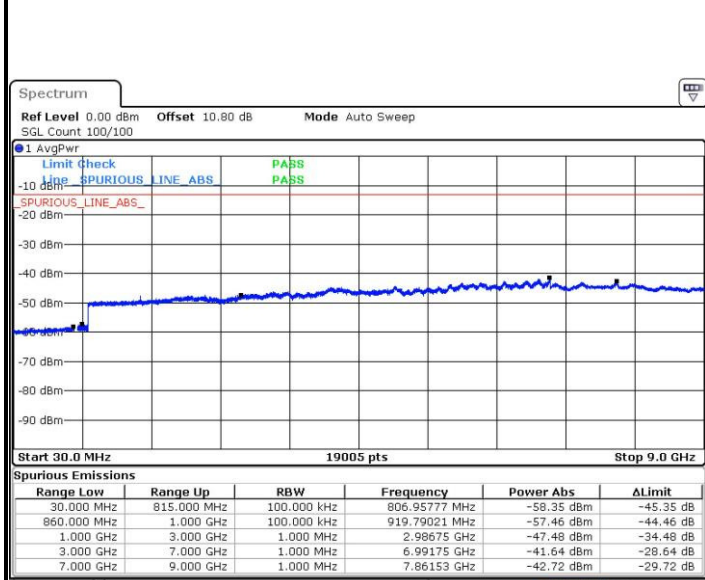
Date: 20 MAR 2017 14:58:52

Middle Channel / 16QAM



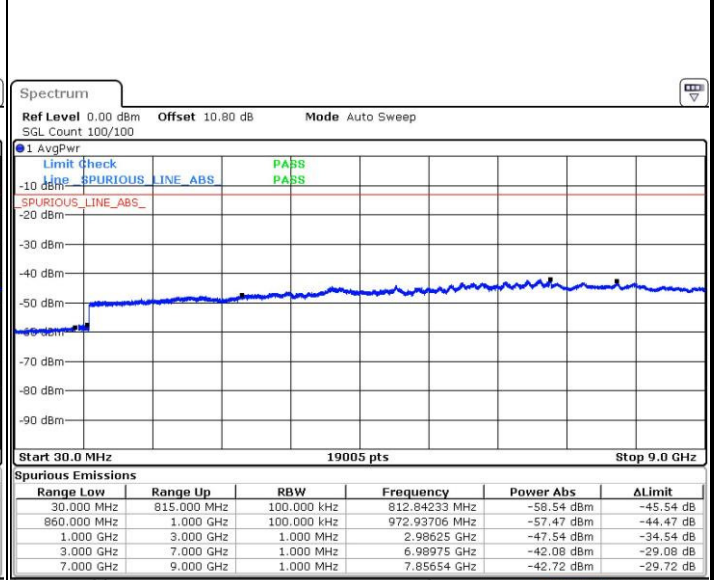
Date: 20 MAR 2017 14:58:46

Highest Channel / QPSK



Date: 20 MAR 2017 15:07:59

Highest Channel / 16QAM



Date: 20 MAR 2017 15:08:53





**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	0.0006	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0093	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0109	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0090	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0115	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 7

### Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.97	4.67	4.7	5.88	PASS
Middle CH	4	4.87	4.64	5.88	
Highest CH	3.97	4.7	5.07	5.65	



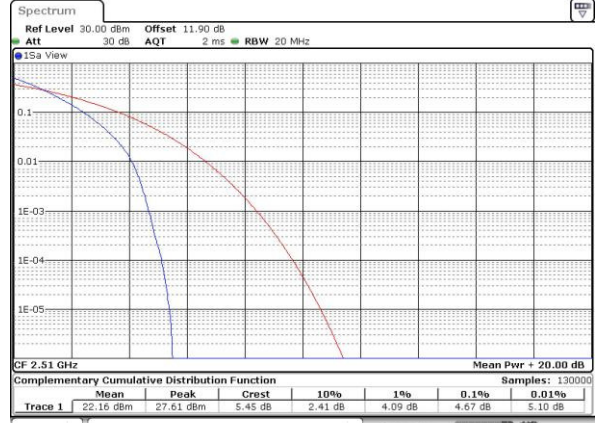
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 22 MAR 2017 20:45:51

Lowest Channel / Full RB



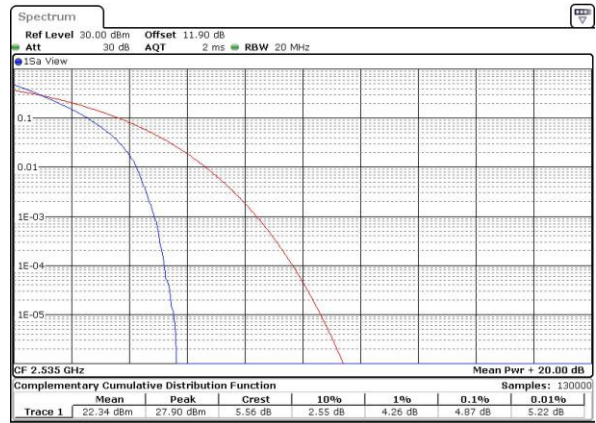
Date: 22 MAR 2017 20:46:02

Middle Channel / 1RB



Date: 22 MAR 2017 20:46:11

Middle Channel / Full RB



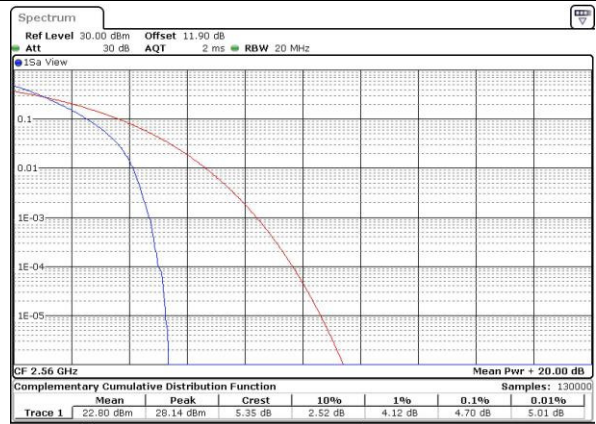
Date: 22 MAR 2017 20:46:29

Highest Channel / 1RB



Date: 22 MAR 2017 20:46:47

Highest Channel / Full RB



Date: 22 MAR 2017 20:47:10