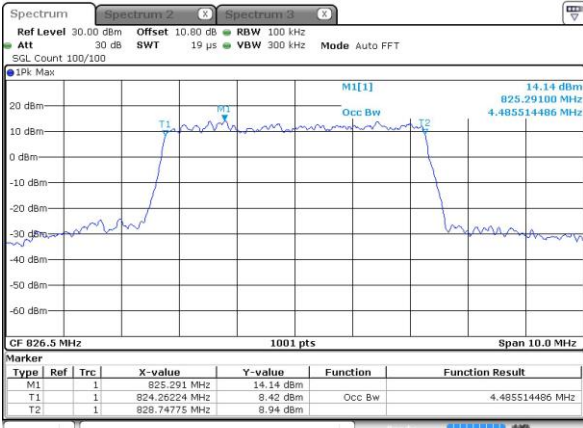




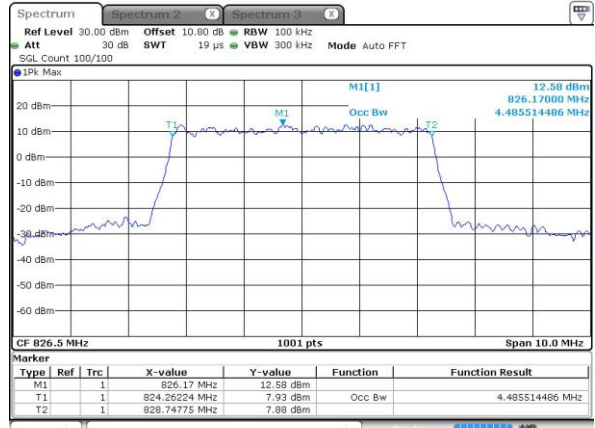
LTE Band 5

Lowest Channel / 5MHz / QPSK



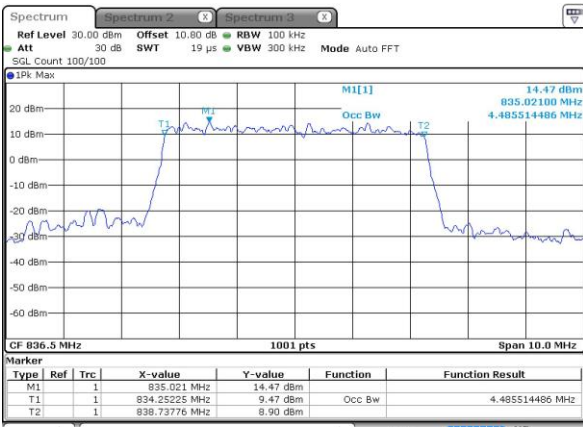
Date: 14.JUL.2018 03:58:30

Lowest Channel / 5MHz / 16QAM



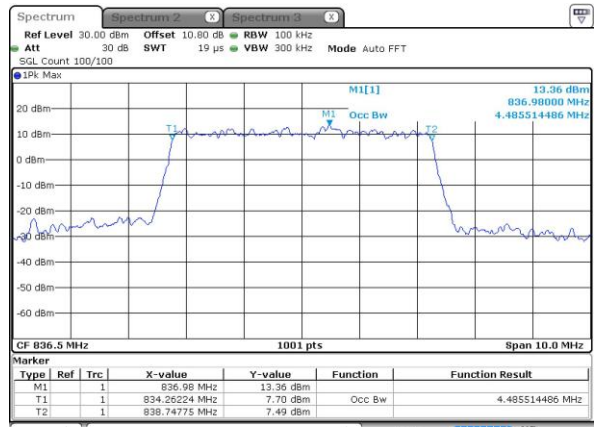
Date: 14.JUL.2018 03:58:41

Middle Channel / 5MHz / QPSK



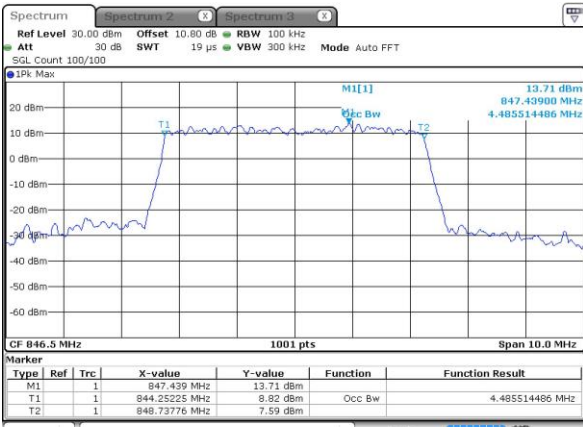
Date: 14.JUL.2018 04:08:17

Middle Channel / 5MHz / 16QAM



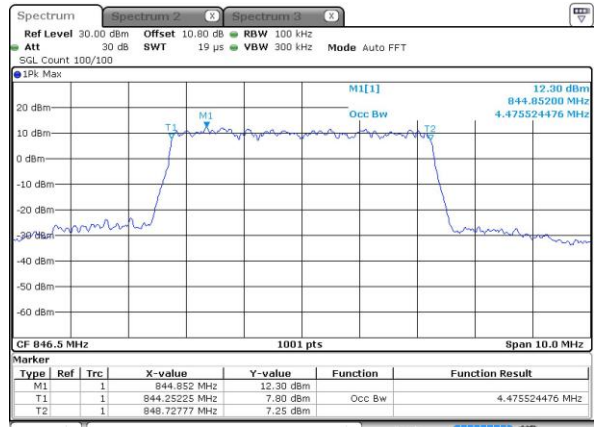
Date: 14.JUL.2018 04:08:28

Highest Channel / 5MHz / QPSK



Date: 14.JUL.2018 04:11:23

Highest Channel / 5MHz / 16QAM

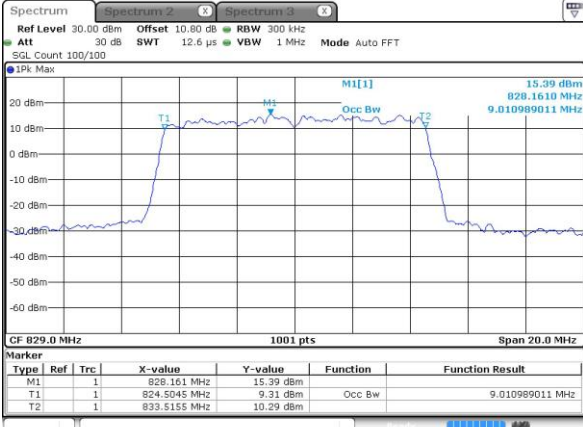


Date: 14.JUL.2018 04:11:34



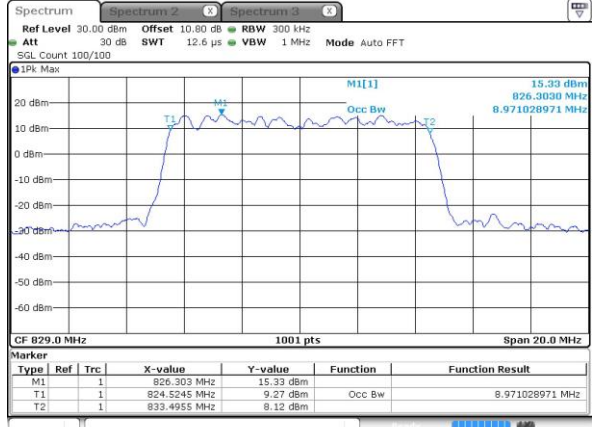
LTE Band 5

Lowest Channel / 10MHz / QPSK



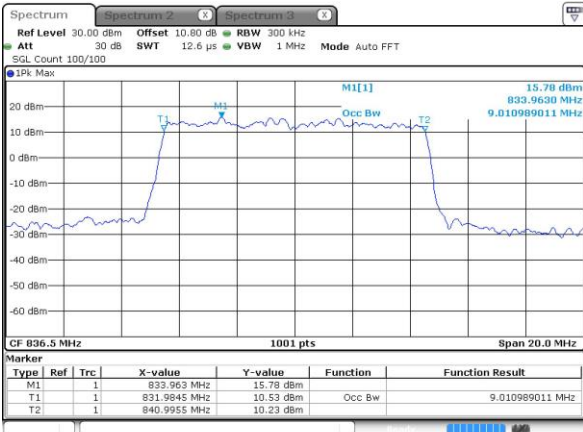
Date: 14 JUL 2018 04:21:09

Lowest Channel / 10MHz / 16QAM



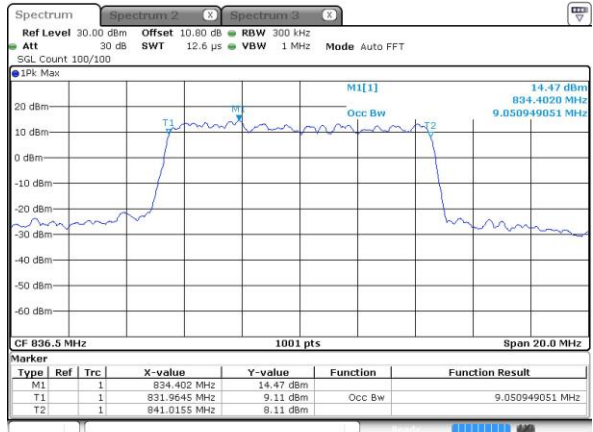
Date: 14 JUL 2018 04:21:21

Middle Channel / 10MHz / QPSK



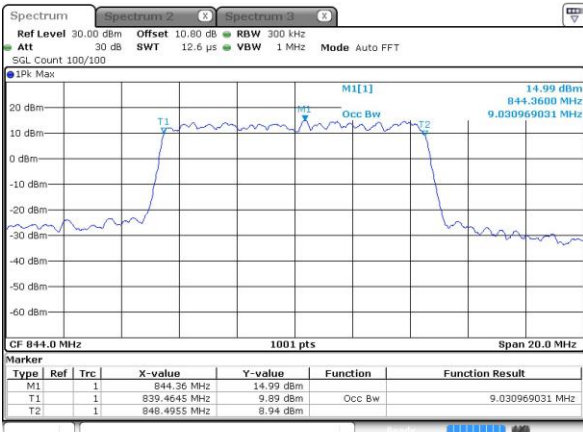
Date: 14 JUL 2018 04:30:56

Middle Channel / 10MHz / 16QAM



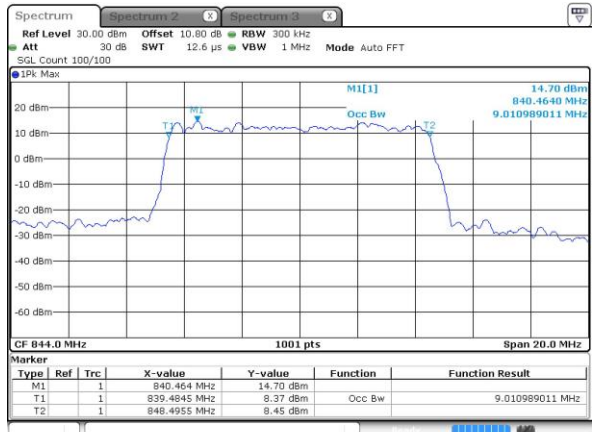
Date: 14 JUL 2018 04:31:07

Highest Channel / 10MHz / QPSK



Date: 14 JUL 2018 04:34:02

Highest Channel / 10MHz / 16QAM



Date: 14 JUL 2018 04:34:13

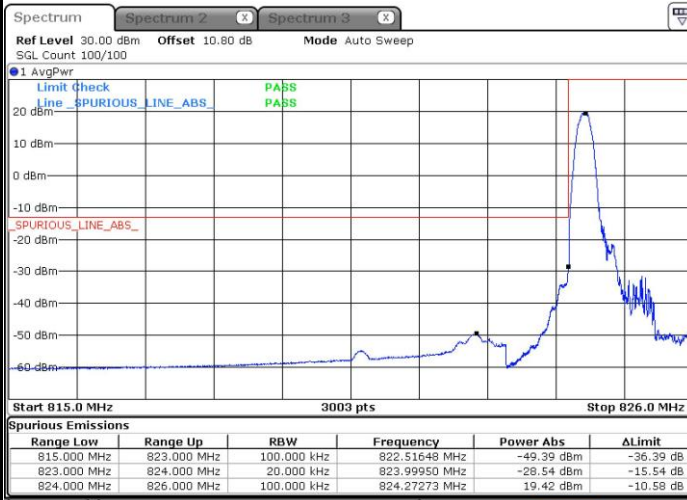


Conducted Band Edge



LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



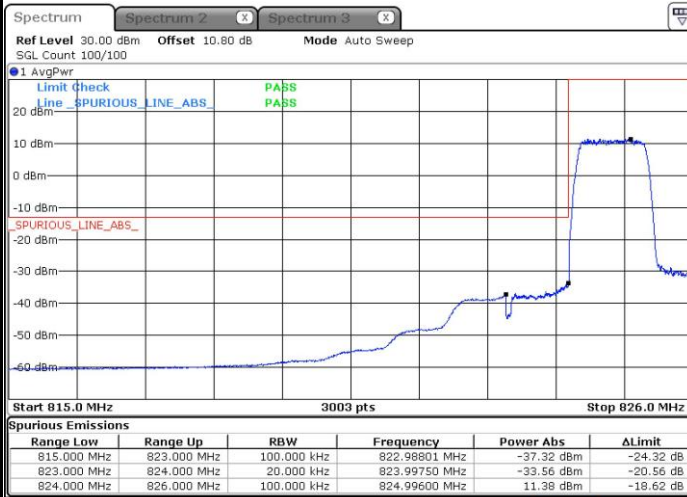
Date: 14.JUL.2018 04:55:28

Highest Band Edge / 1RB



Date: 14.JUL.2018 05:11:41

Lowest Band Edge / Full RB



Date: 14.JUL.2018 04:58:48

Highest Band Edge / Full RB

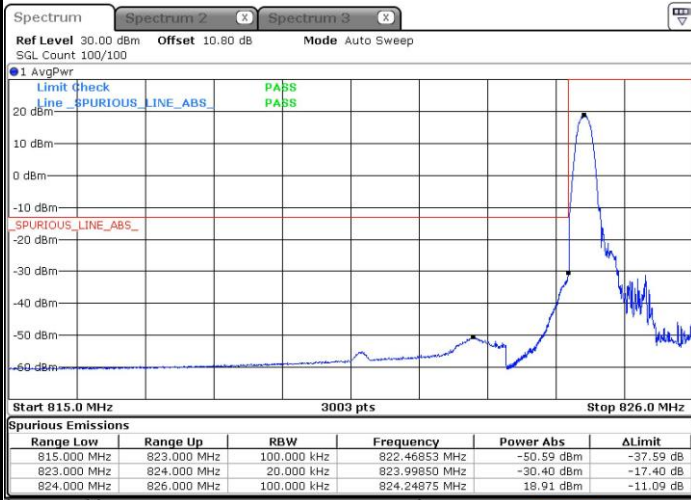


Date: 14.JUL.2018 05:08:21



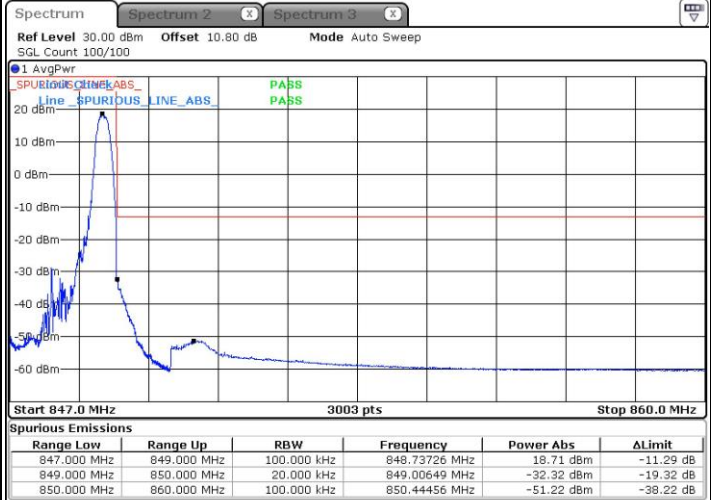
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14 JUL 2018 04:57:08

Highest Band Edge / 1 RB



Date: 14 JUL 2018 05:13:21

Lowest Band Edge / Full RB



Date: 14 JUL 2018 05:00:28

Highest Band Edge / Full RB

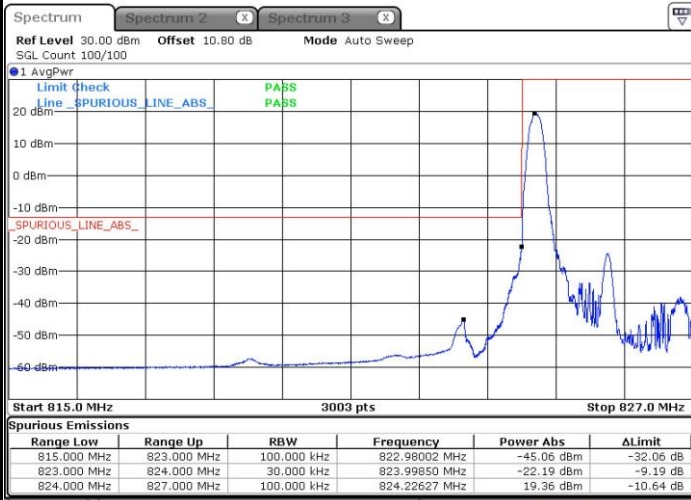


Date: 14 JUL 2018 05:10:01



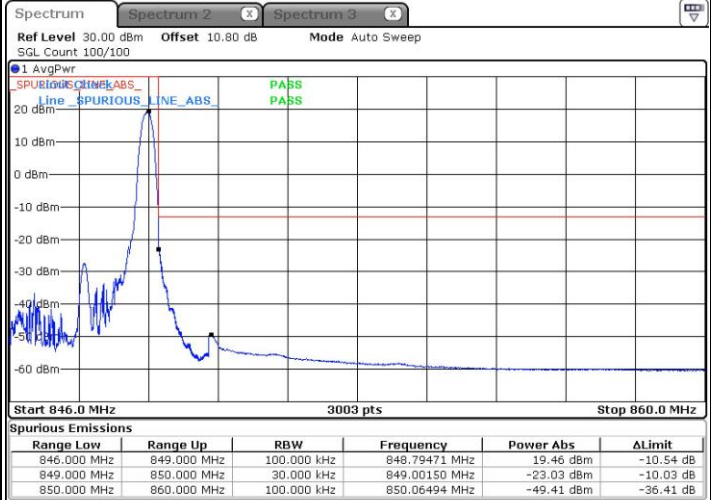
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 14 JUL 2018 03:38:05

Highest Band Edge / 1 RB



Date: 14 JUL 2018 03:50:58

Lowest Band Edge / Full RB



Date: 14 JUL 2018 03:41:26

Highest Band Edge / Full RB

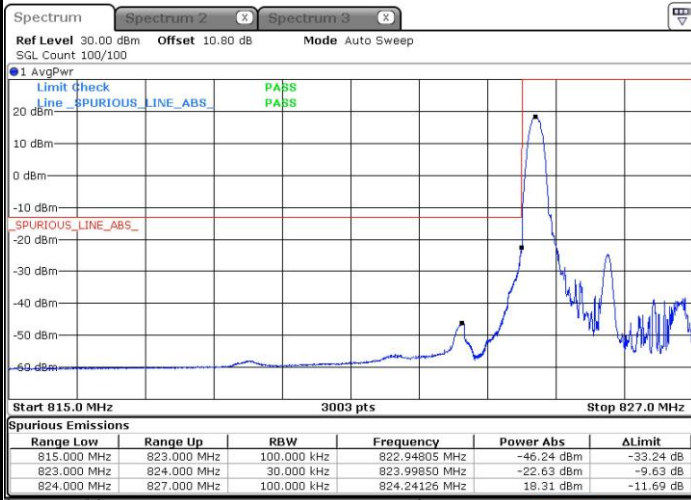


Date: 14 JUL 2018 03:54:18



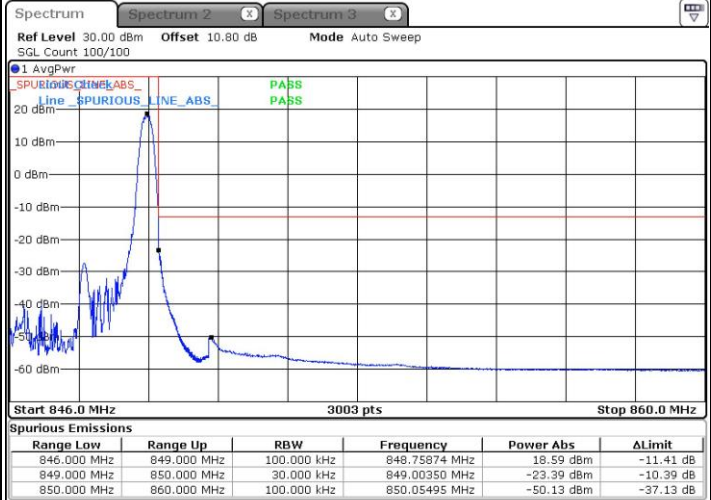
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



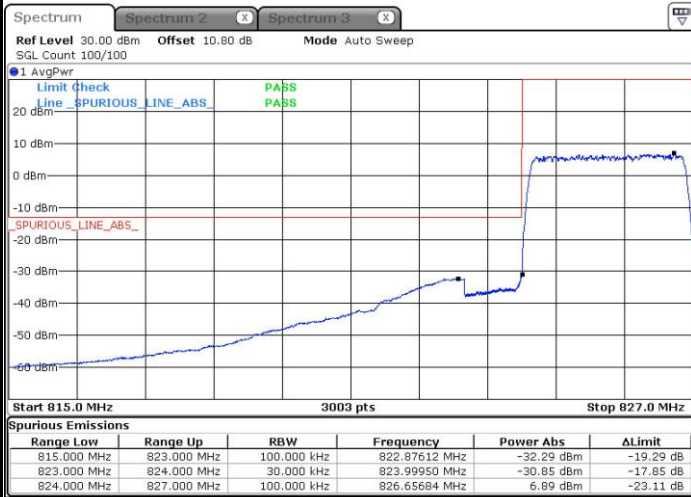
Date: 14.JUL.2018 03:39:46

Highest Band Edge / 1 RB



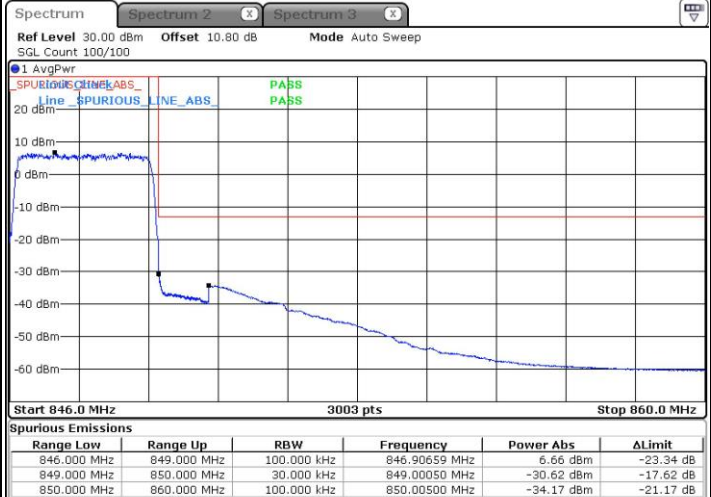
Date: 14.JUL.2018 03:52:38

Lowest Band Edge / Full RB



Date: 14.JUL.2018 03:43:06

Highest Band Edge / Full RB

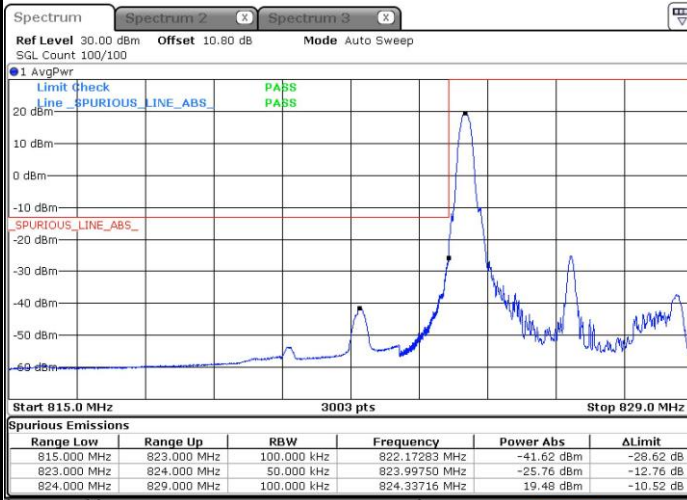


Date: 14.JUL.2018 03:55:58



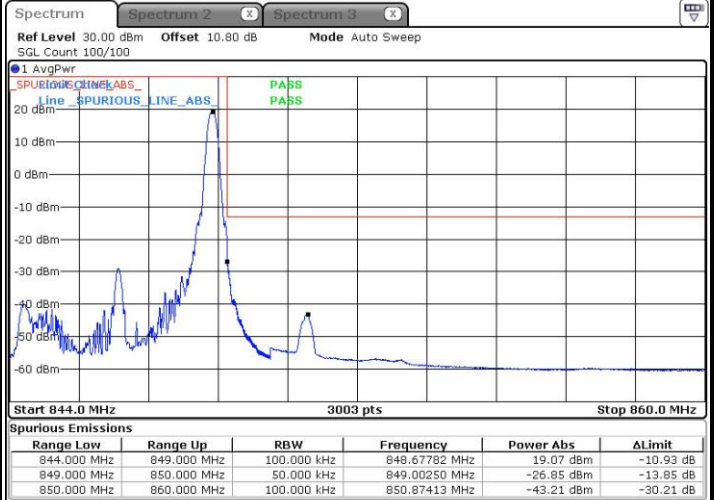
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



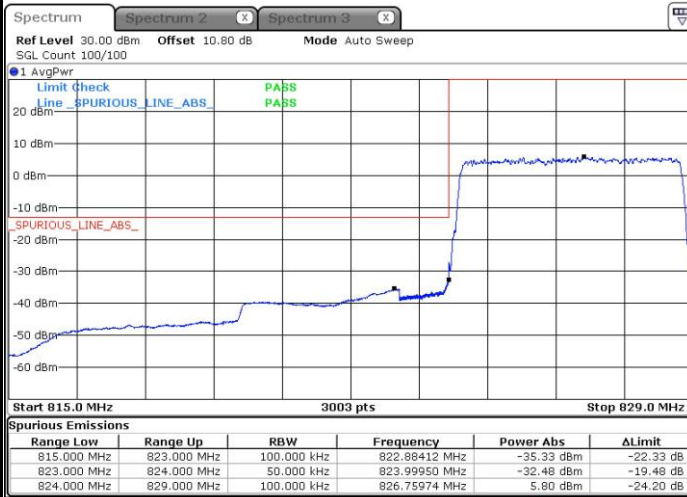
Date: 14.JUL.2018 04:00:44

Highest Band Edge / 1 RB



Date: 14.JUL.2018 04:13:37

Lowest Band Edge / Full RB



Date: 14.JUL.2018 04:04:04

Highest Band Edge / Full RB

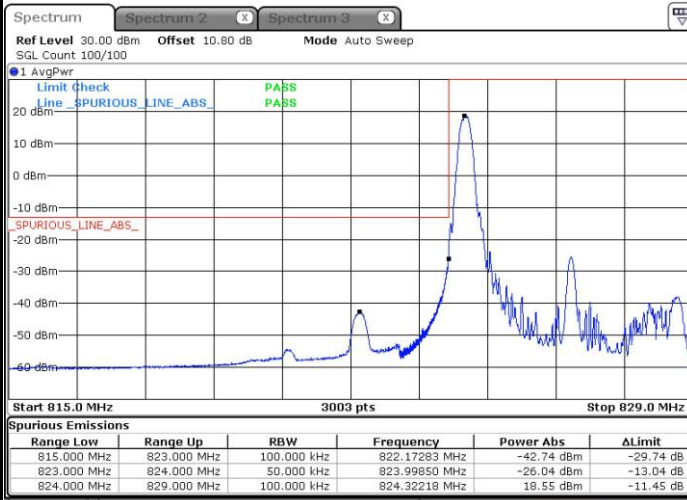


Date: 14.JUL.2018 04:16:57



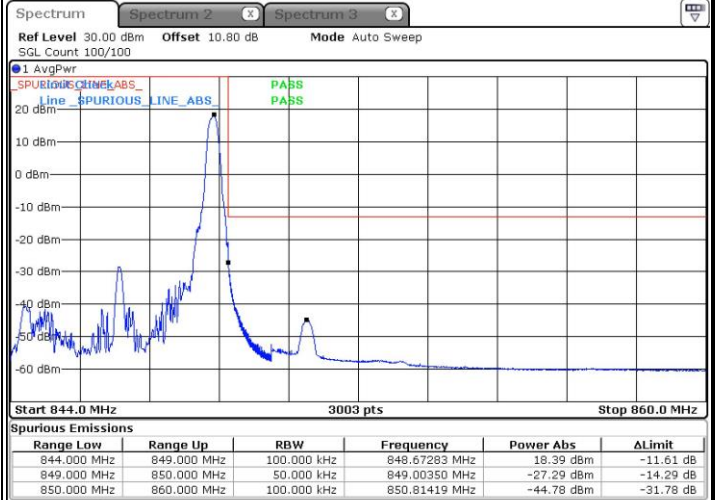
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



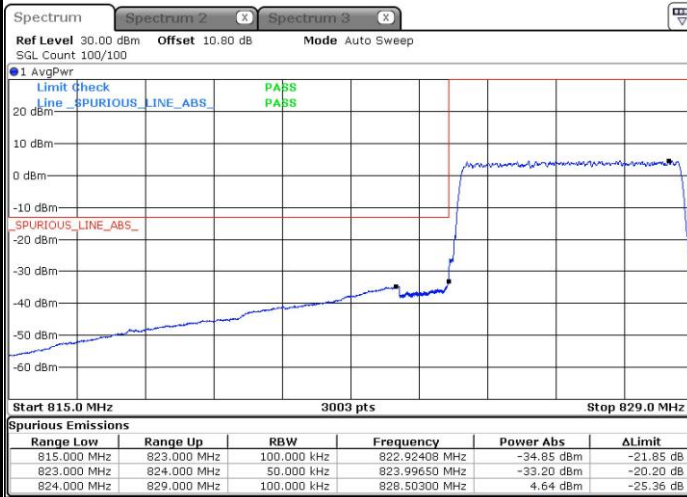
Date: 14.JUL.2018 04:02:24

Highest Band Edge / 1 RB



Date: 14.JUL.2018 04:15:17

Lowest Band Edge / Full RB



Date: 14.JUL.2018 04:05:44

Highest Band Edge / Full RB

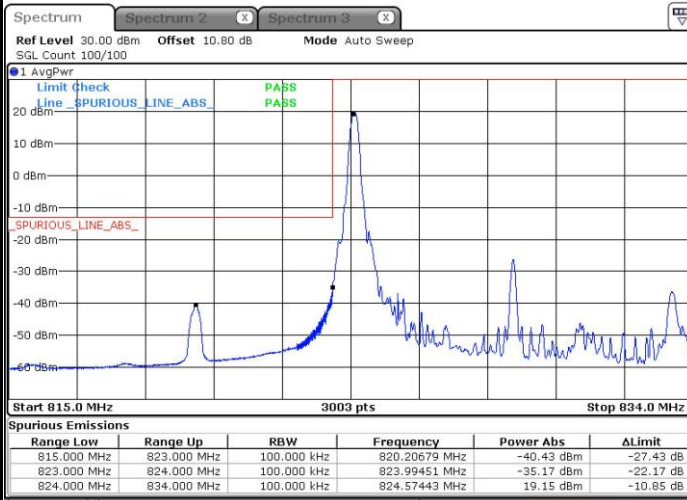


Date: 14.JUL.2018 04:18:37



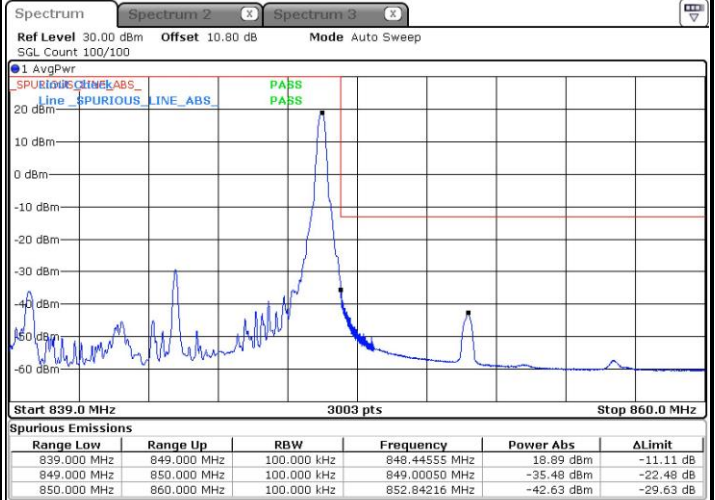
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



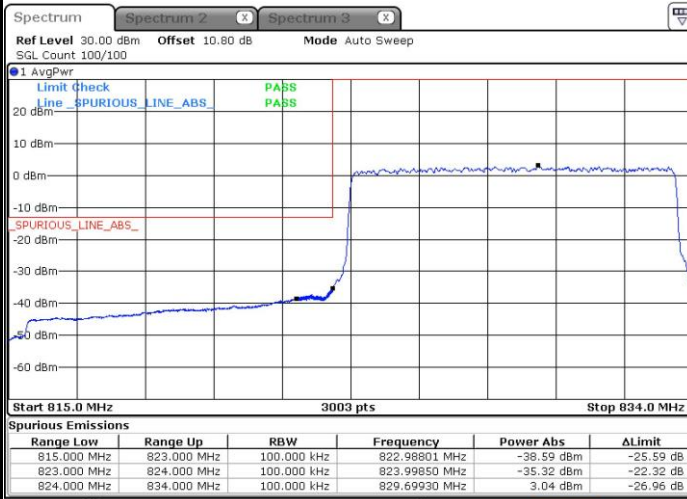
Date: 14 JUL 2018 04:23:23

Highest Band Edge / 1 RB



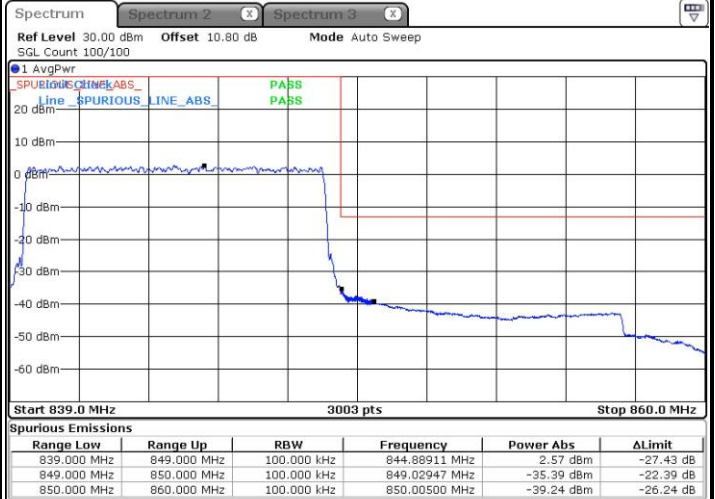
Date: 14 JUL 2018 04:36:16

Lowest Band Edge / Full RB



Date: 14 JUL 2018 04:26:44

Highest Band Edge / Full RB

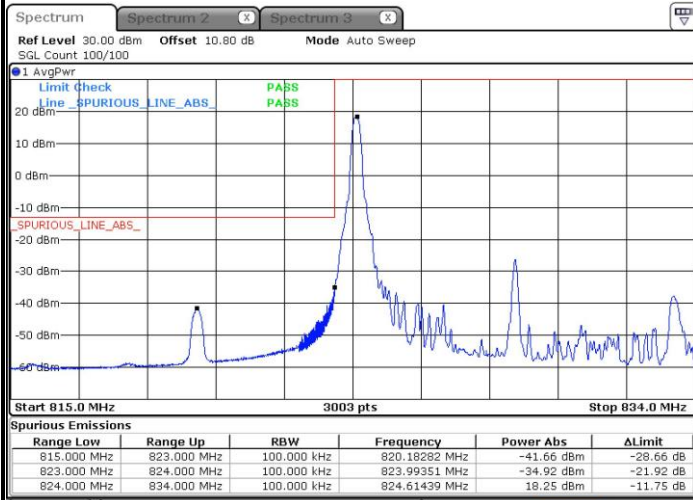


Date: 14 JUL 2018 04:39:36



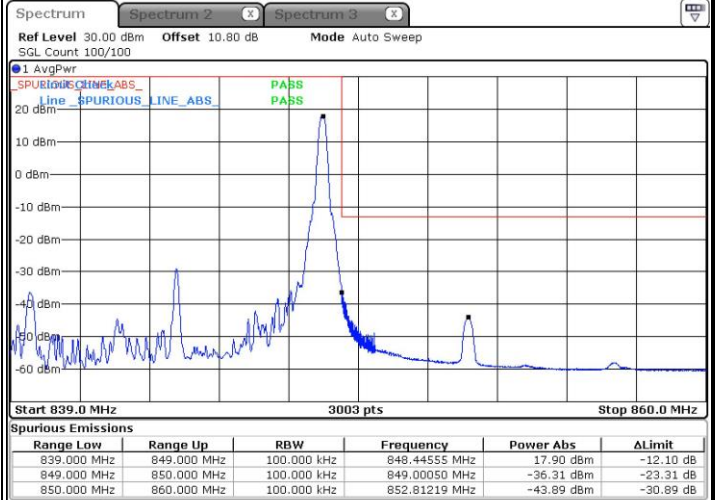
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



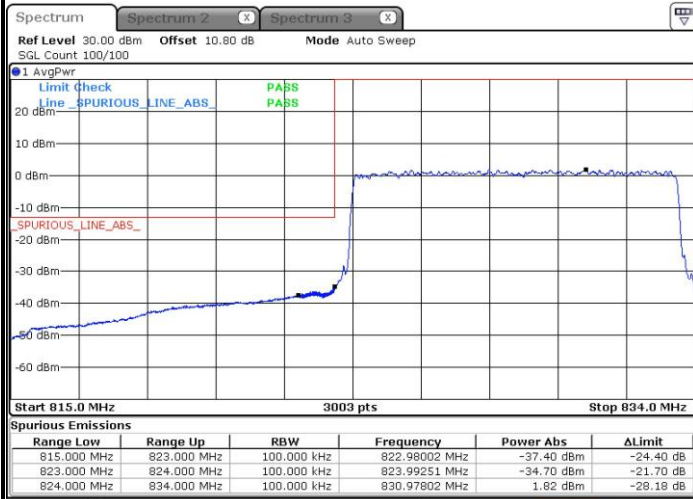
Date: 14 JUL 2018 04:25:03

Highest Band Edge / 1 RB



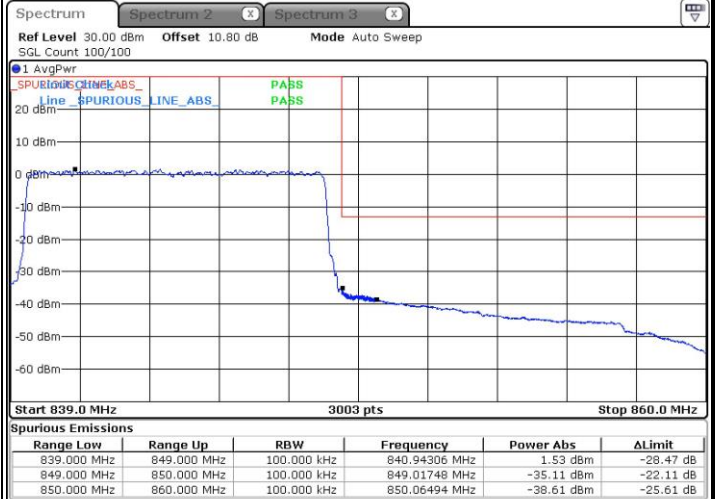
Date: 14 JUL 2018 04:37:56

Lowest Band Edge / Full RB



Date: 14 JUL 2018 04:28:24

Highest Band Edge / Full RB



Date: 14 JUL 2018 04:41:16



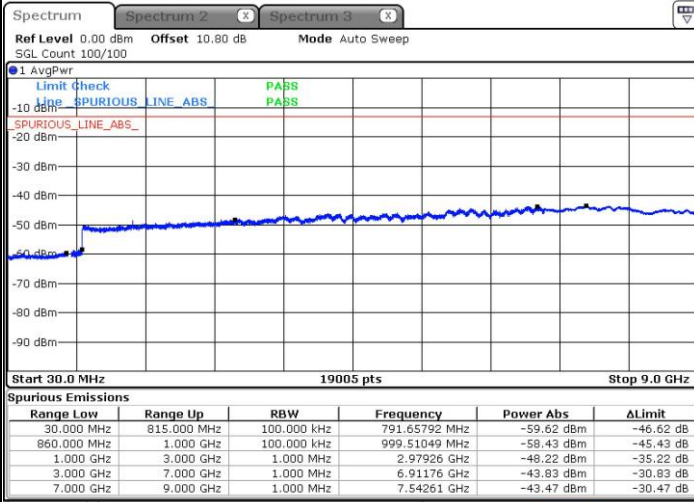
Conducted Spurious Emission



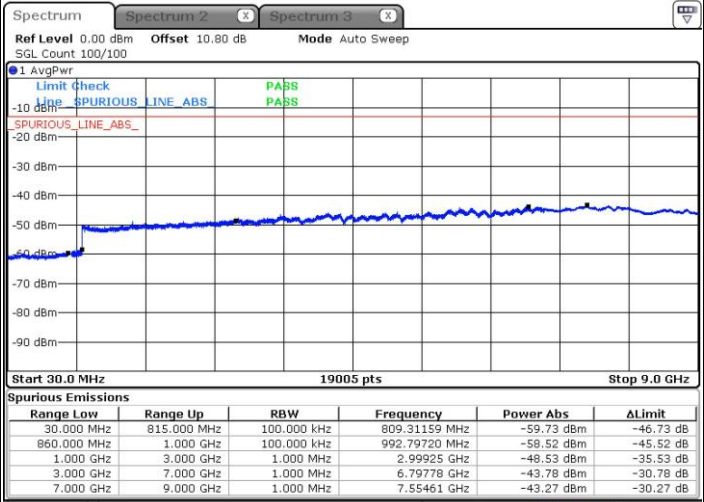
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



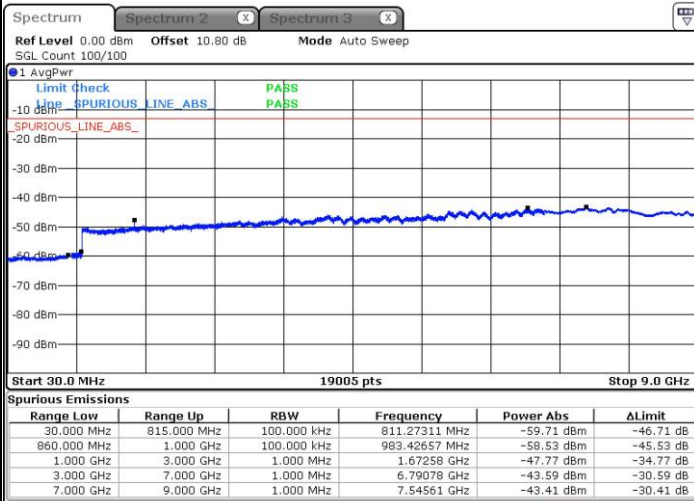
Date: 14 JUL 2018 05:01:39



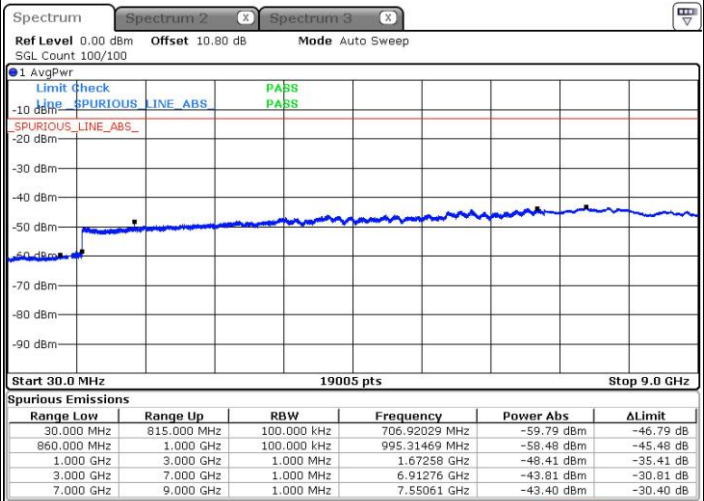
Date: 14 JUL 2018 05:02:49

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14 JUL 2018 05:04:45

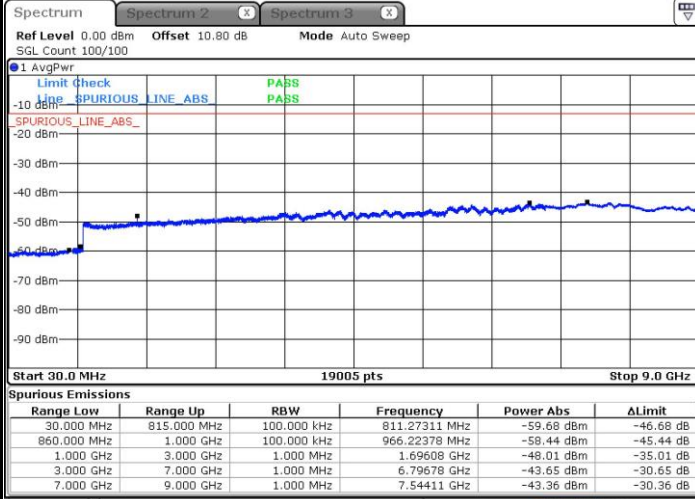


Date: 14 JUL 2018 05:05:55



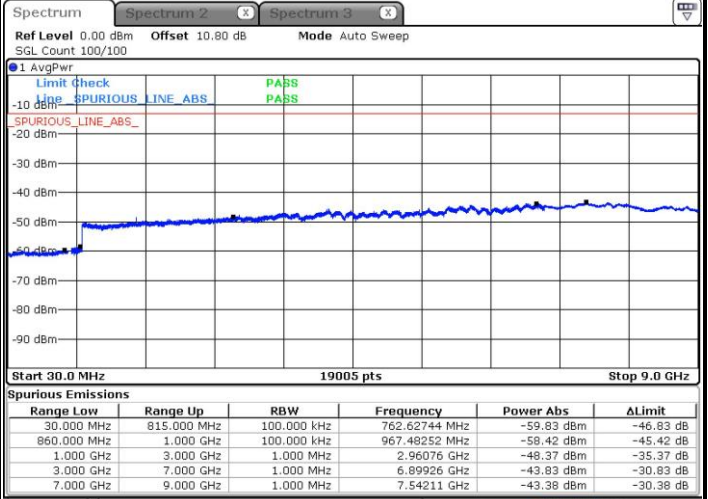
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 14 JUL 2018 05:14:32

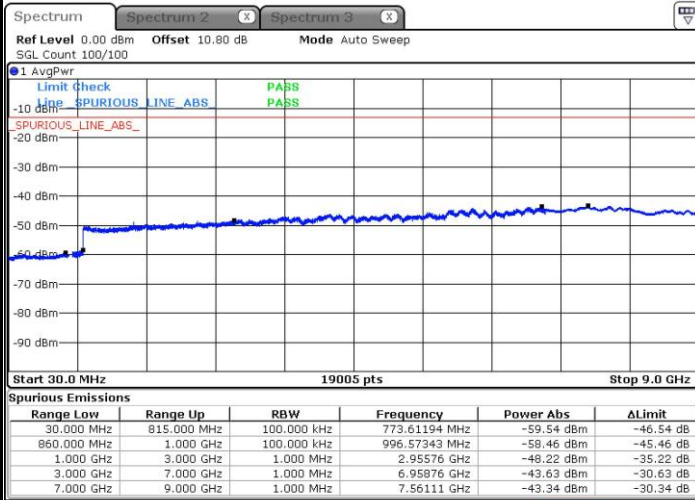
Highest Channel / 16QAM



Date: 14 JUL 2018 05:15:42

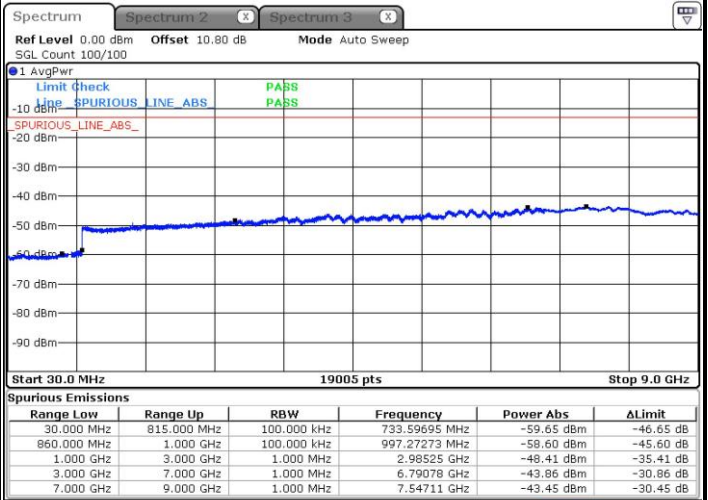
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 14 JUL 2018 03:44:16

Lowest Channel / 16QAM



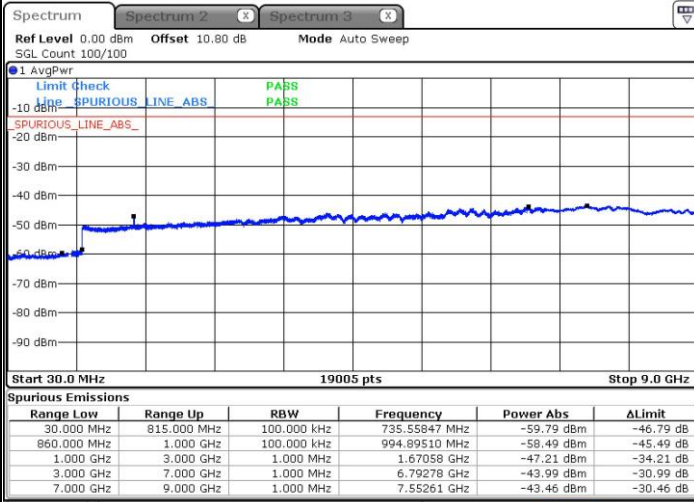
Date: 14 JUL 2018 03:45:26



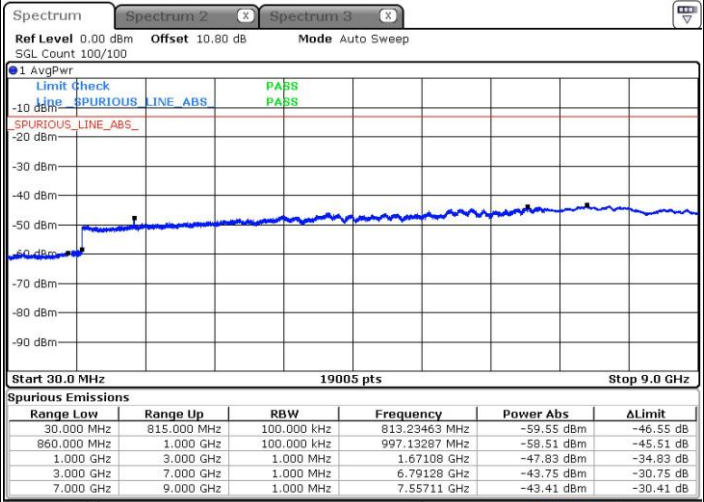
LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



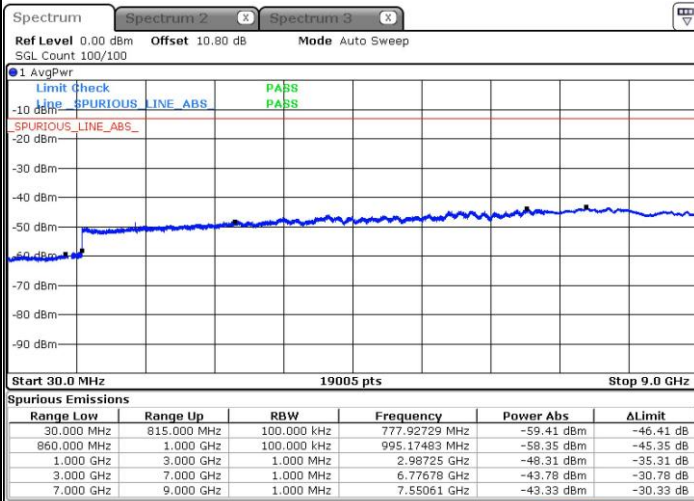
Date: 14 JUL 2018 03:47:22



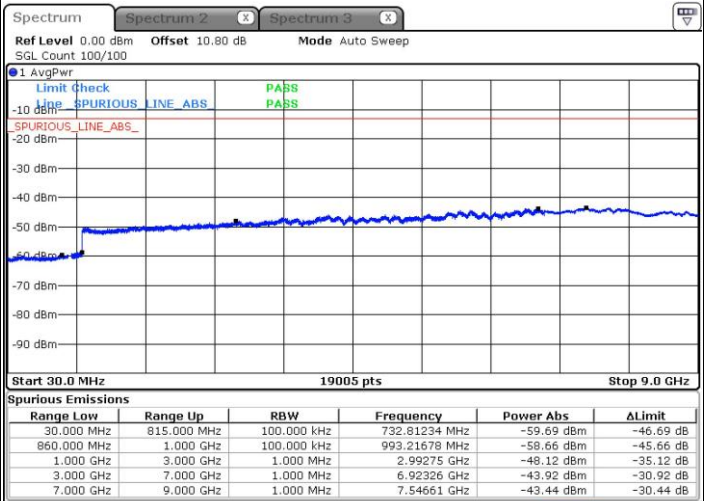
Date: 14 JUL 2018 03:48:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14 JUL 2018 03:57:09

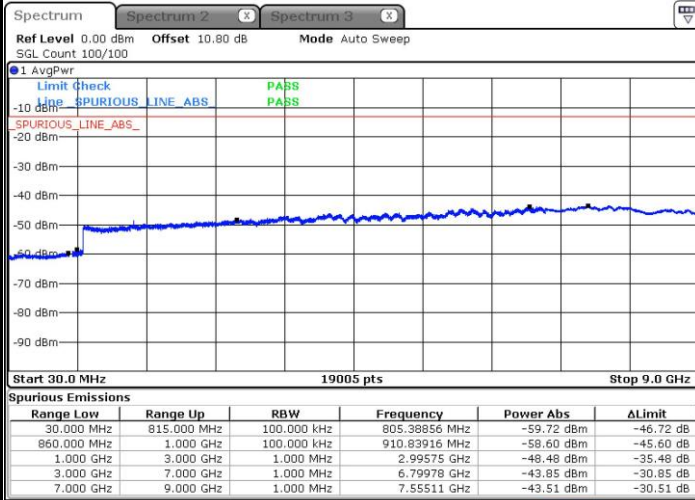


Date: 14 JUL 2018 03:58:19



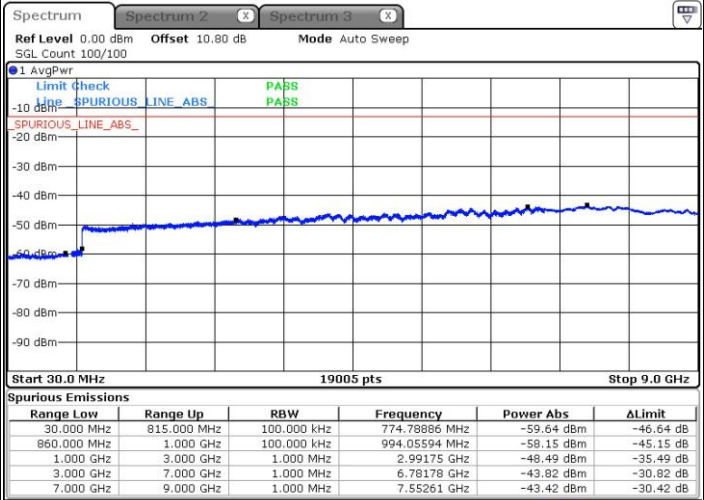
LTE Band 5 / 5MHz

Lowest Channel / QPSK



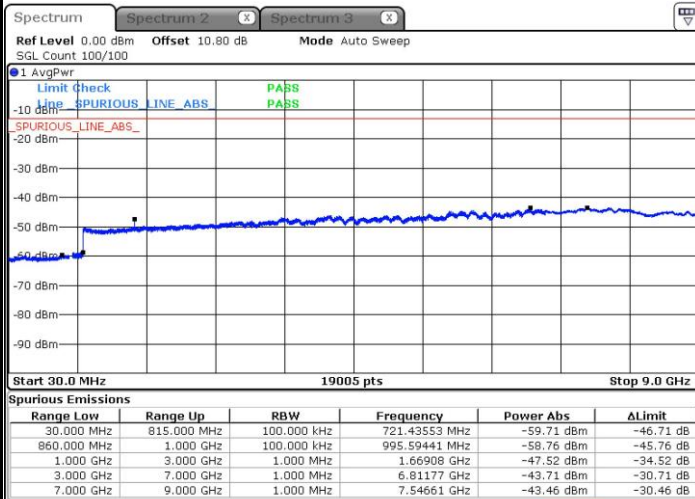
Date: 14 JUL 2018 04:06:55

Lowest Channel / 16QAM



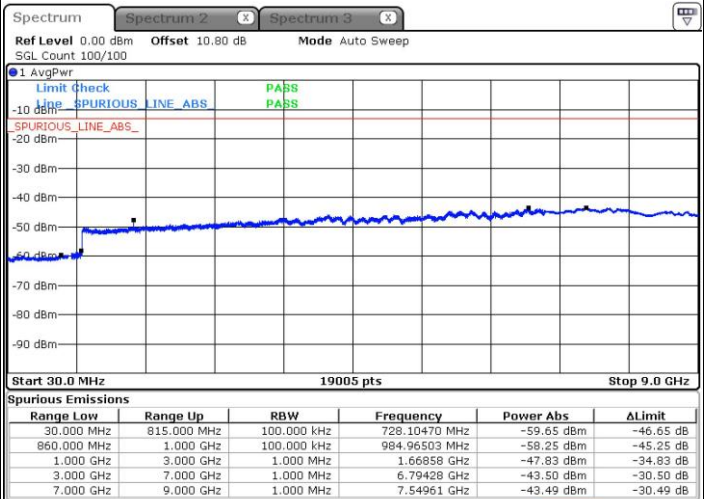
Date: 14 JUL 2018 04:08:05

Middle Channel / QPSK



Date: 14 JUL 2018 04:10:01

Middle Channel / 16QAM

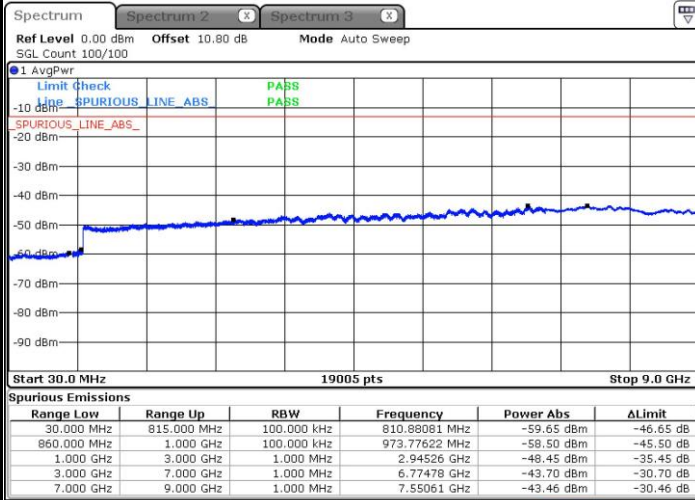


Date: 14 JUL 2018 04:11:11



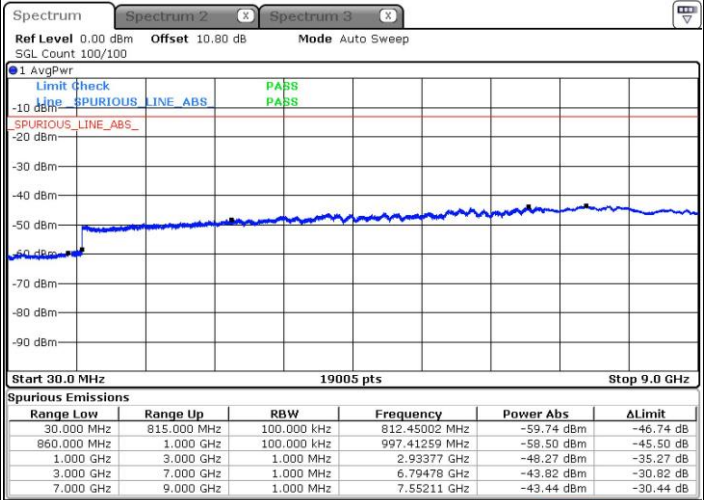
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 14 JUL 2018 04:19:48

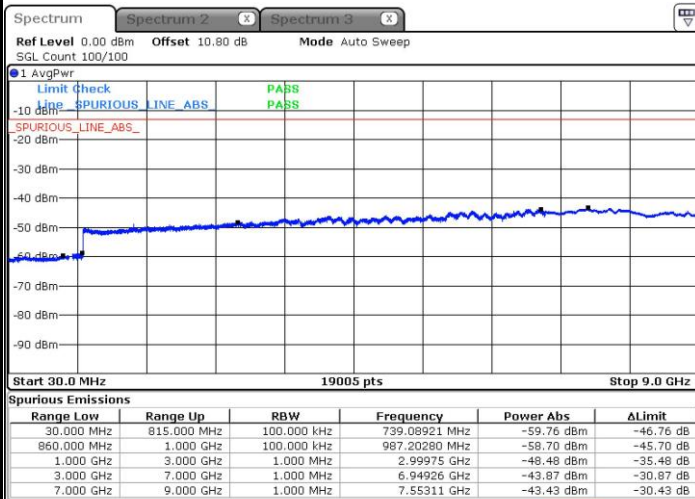
Highest Channel / 16QAM



Date: 14 JUL 2018 04:20:58

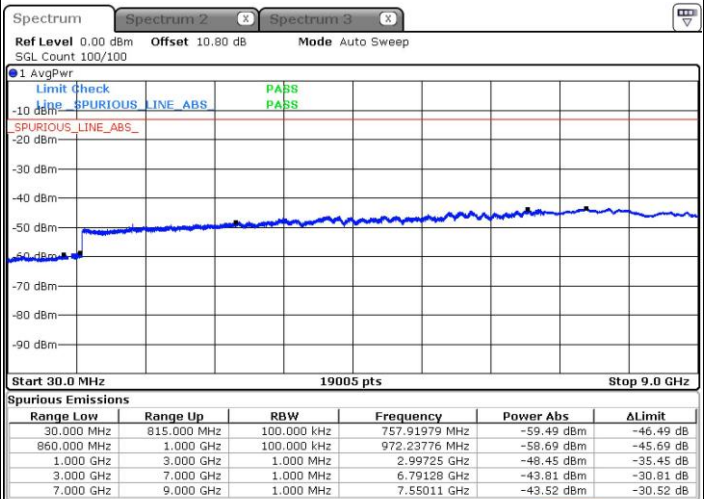
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 14 JUL 2018 04:29:34

Lowest Channel / 16QAM



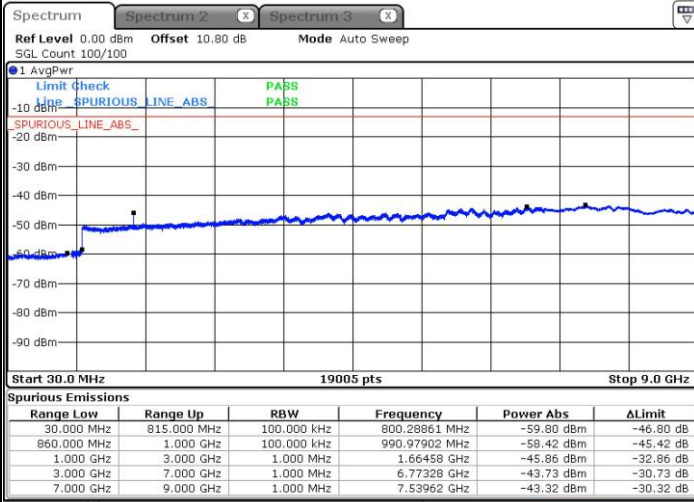
Date: 14 JUL 2018 04:30:44



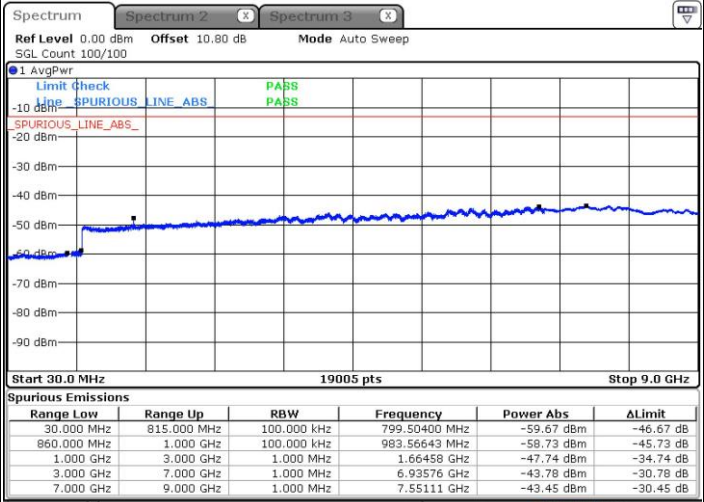
LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



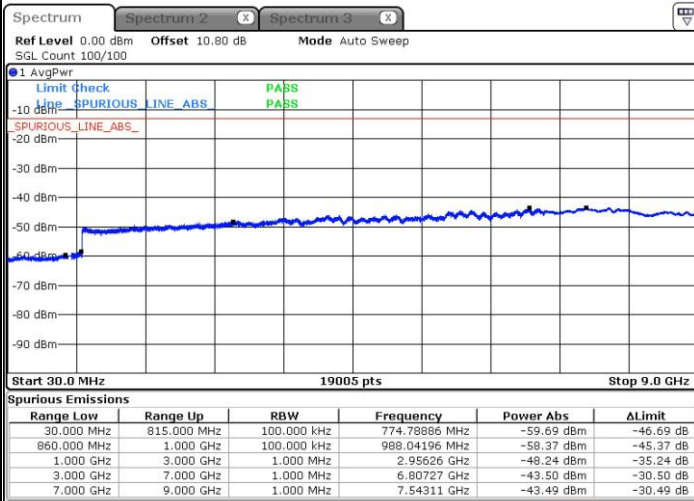
Date: 14 JUL 2018 04:32:40



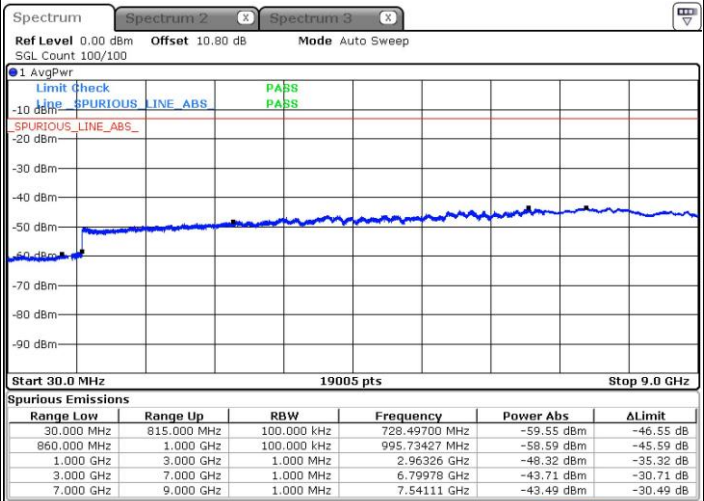
Date: 14 JUL 2018 04:33:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14 JUL 2018 04:42:27



Date: 14 JUL 2018 04:43:37



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	0.0055	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0109	
0	Normal Voltage	0.0152	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0135	
-30	Normal Voltage	0.0088	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage =54 V. ; Battery End Point (BEP) =44 V. ; Maximum Voltage =57 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	4.06	4.72	4.52	5.54	PASS
Middle CH	3.74	4.41	4.43	5.45	
Highest CH	3.74	4.78	4.46	5.62	



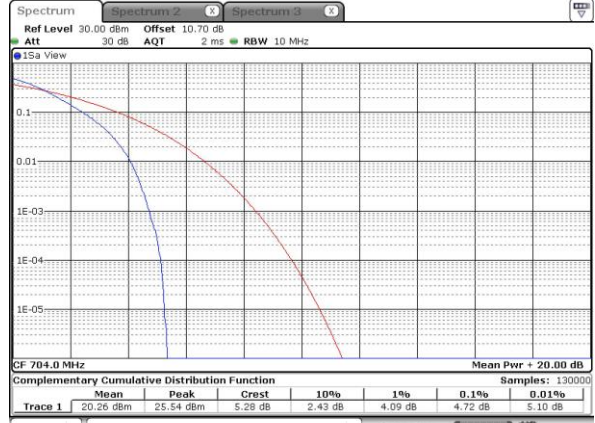
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 14.JUL.2018 06:54:01

Lowest Channel / Full RB



Date: 14.JUL.2018 06:53:51

Middle Channel / 1RB



Date: 14.JUL.2018 06:54:11

Middle Channel / Full RB



Date: 14.JUL.2018 06:54:20

Highest Channel / 1RB



Date: 14.JUL.2018 06:54:40

Highest Channel / Full RB



Date: 14.JUL.2018 06:54:30