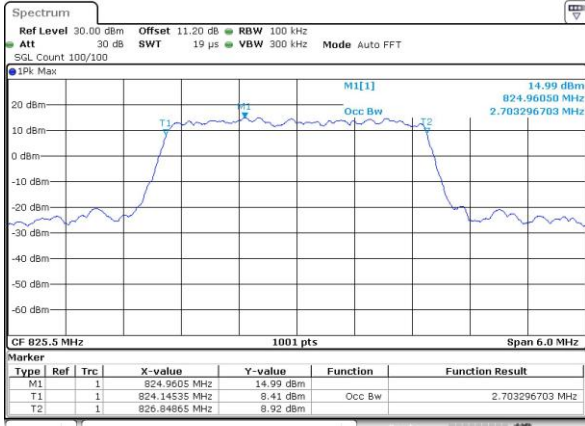




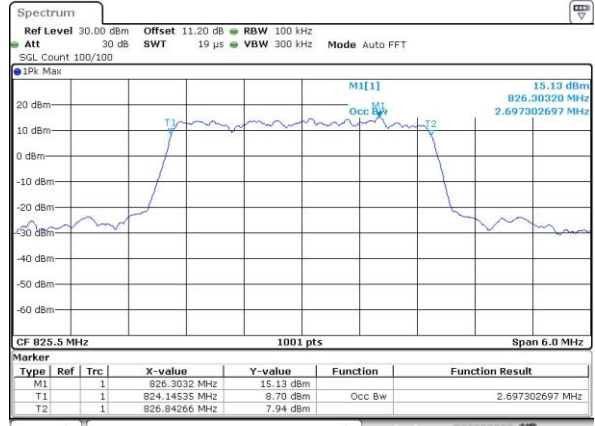
LTE Band 5

Lowest Channel / 3MHz / QPSK



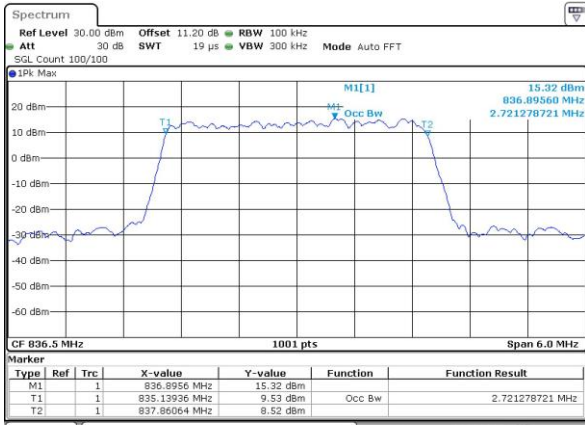
Date: 28 JUN 2019 05:16:41

Lowest Channel / 3MHz / 16QAM



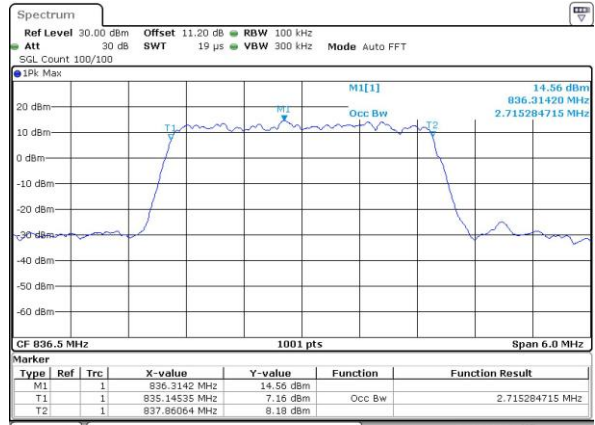
Date: 28 JUN 2019 05:16:53

Middle Channel / 3MHz / QPSK



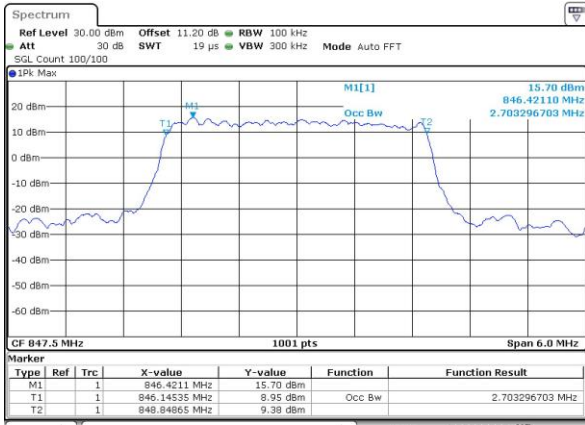
Date: 28 JUN 2019 05:17:05

Middle Channel / 3MHz / 16QAM



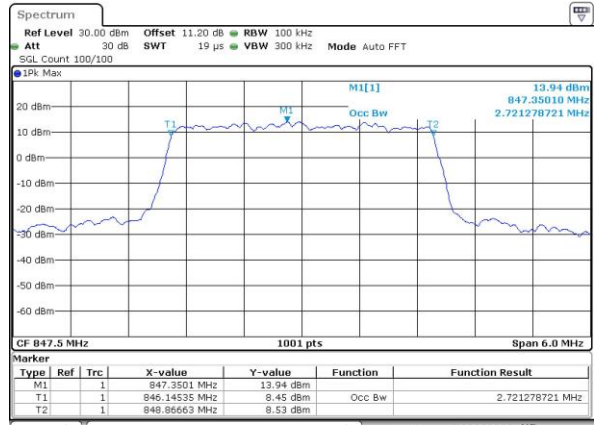
Date: 28 JUN 2019 05:17:16

Highest Channel / 3MHz / QPSK



Date: 28 JUN 2019 05:17:28

Highest Channel / 3MHz / 16QAM

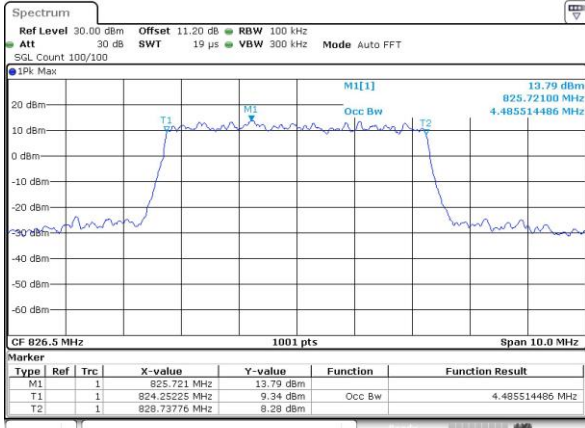


Date: 28 JUN 2019 05:17:39



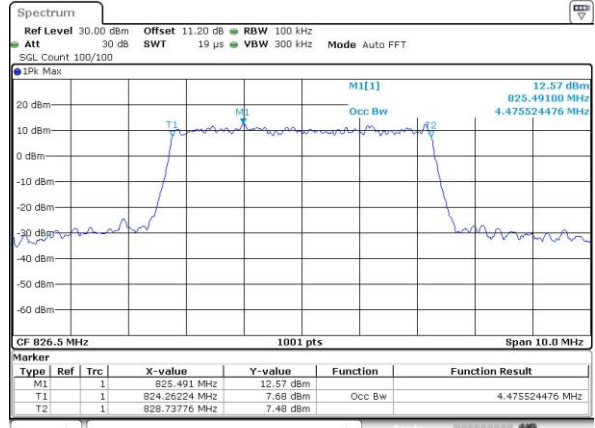
LTE Band 5

Lowest Channel / 5MHz / QPSK



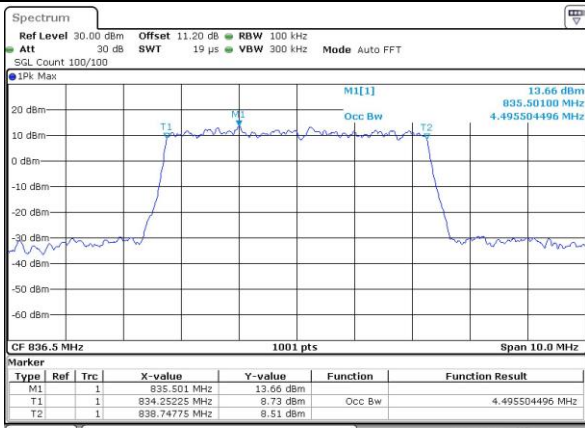
Date: 28 JUN 2019 05:17:51

Lowest Channel / 5MHz / 16QAM



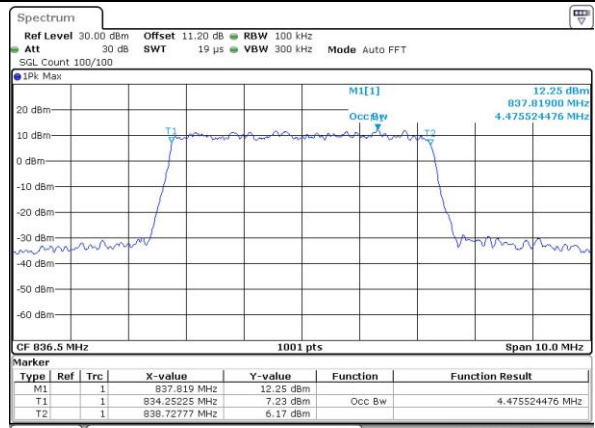
Date: 28 JUN 2019 05:18:02

Middle Channel / 5MHz / QPSK



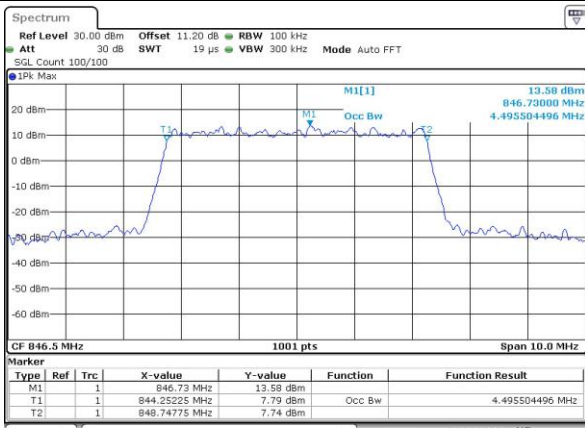
Date: 28 JUN 2019 05:18:14

Middle Channel / 5MHz / 16QAM



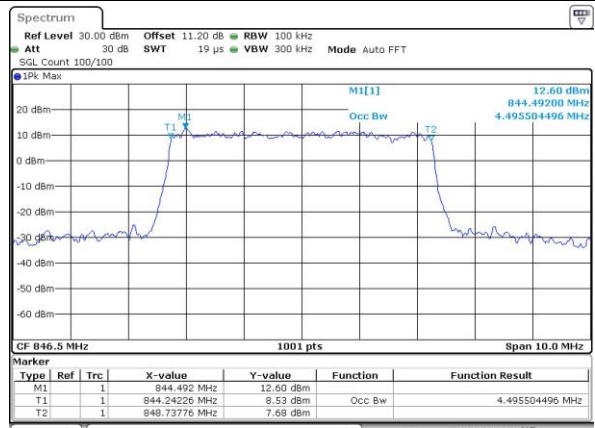
Date: 28 JUN 2019 05:18:25

Highest Channel / 5MHz / QPSK



Date: 28 JUN 2019 05:18:37

Highest Channel / 5MHz / 16QAM

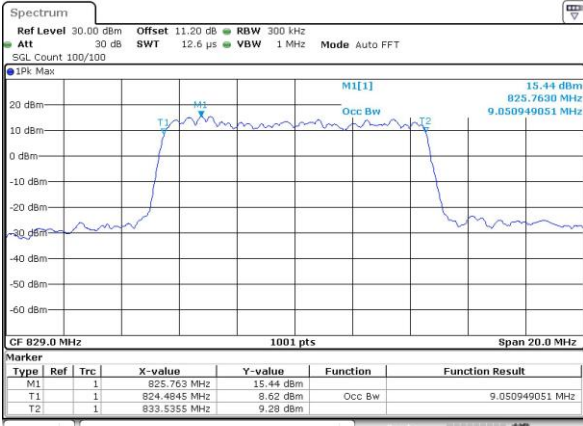


Date: 28 JUN 2019 05:18:48



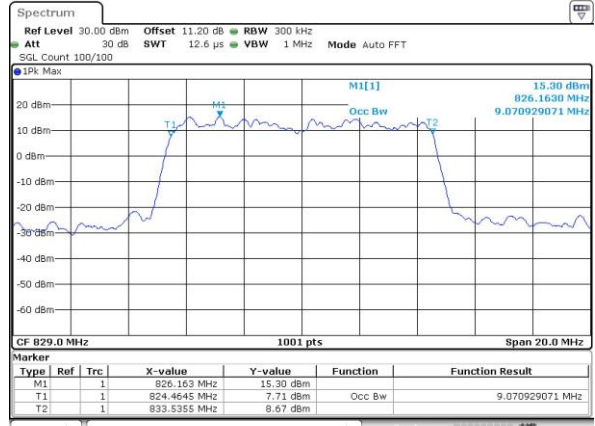
LTE Band 5

Lowest Channel / 10MHz / QPSK



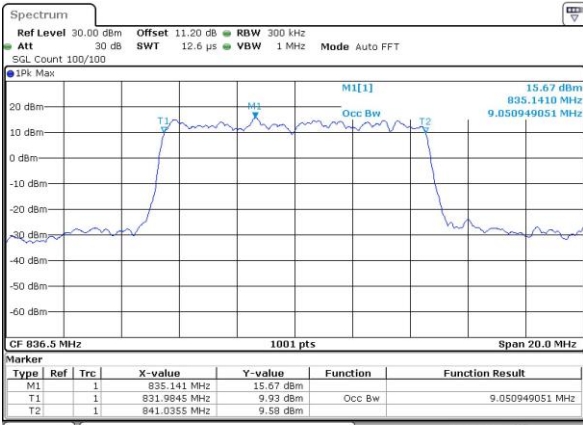
Date: 28 JUN 2019 05:19:00

Lowest Channel / 10MHz / 16QAM



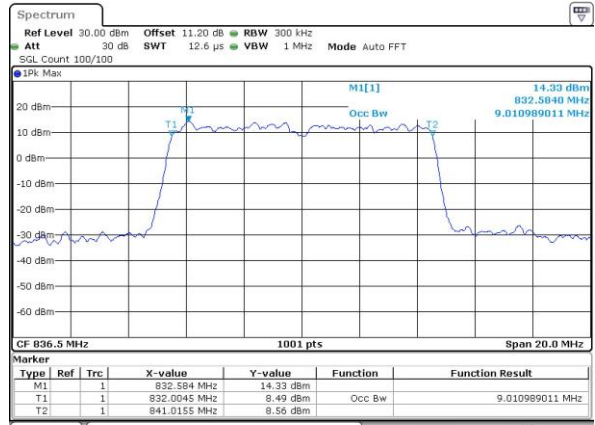
Date: 28 JUN 2019 05:19:11

Middle Channel / 10MHz / QPSK



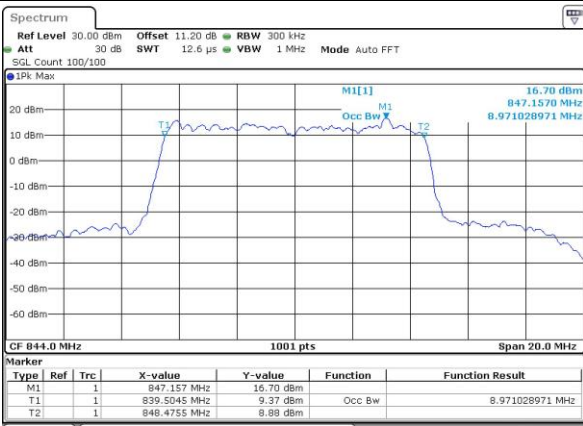
Date: 28 JUN 2019 05:19:23

Middle Channel / 10MHz / 16QAM



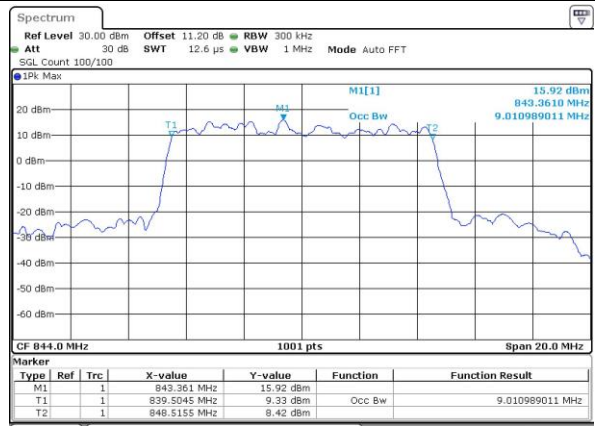
Date: 28 JUN 2019 05:19:34

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2019 05:19:46

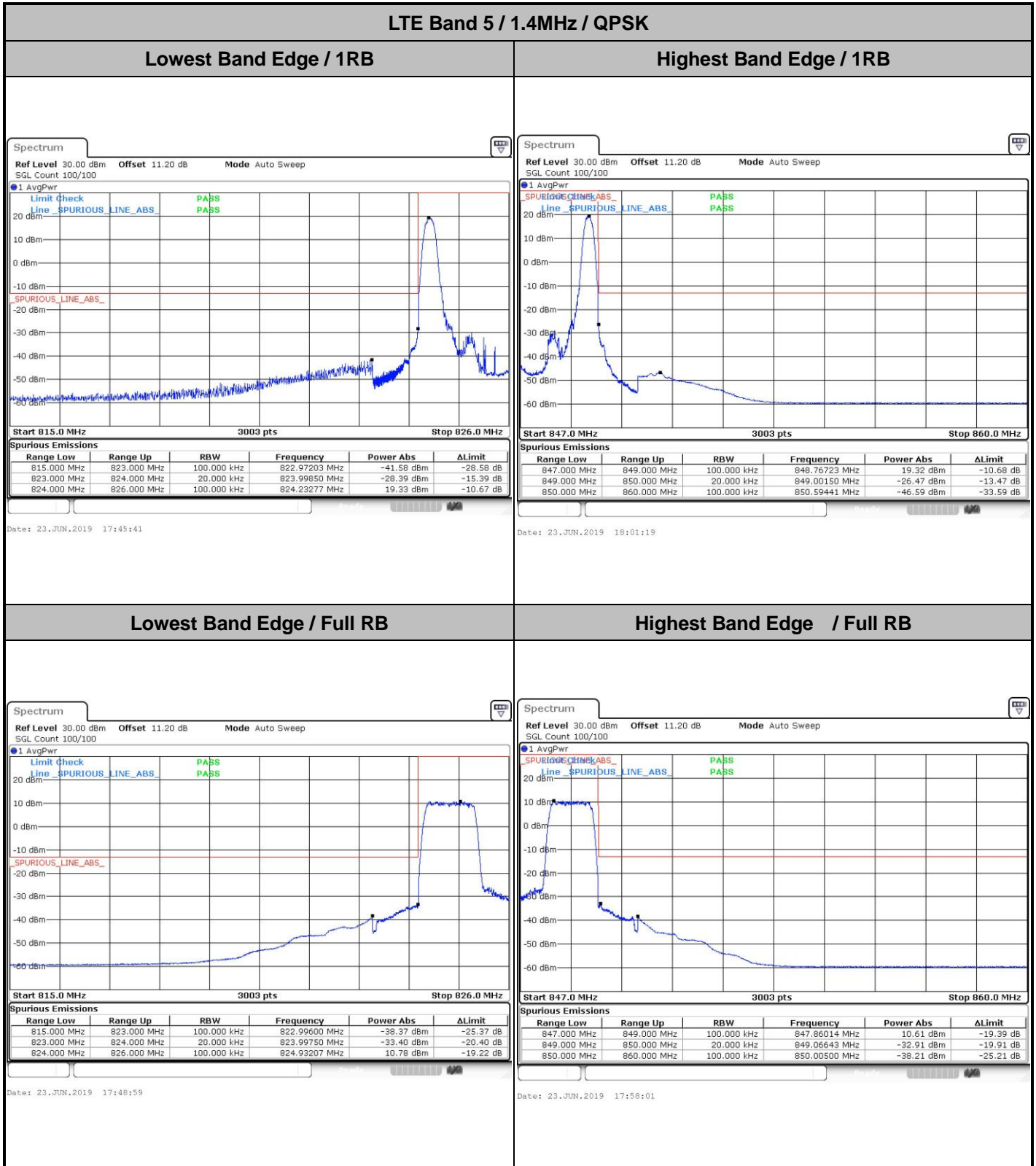
Highest Channel / 10MHz / 16QAM



Date: 28 JUN 2019 05:19:57



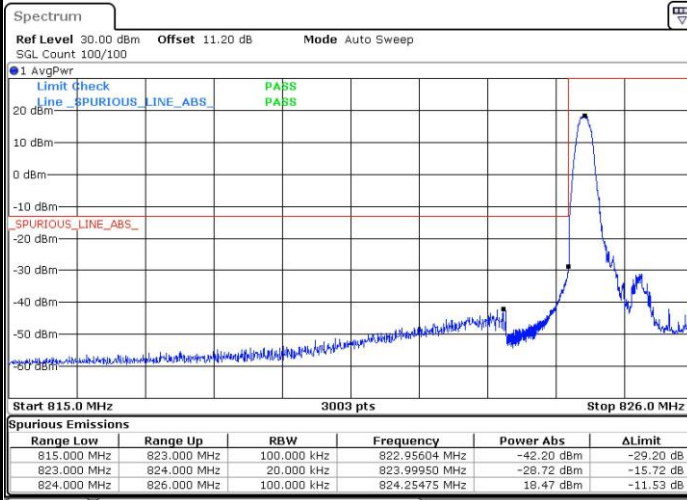
Conducted Band Edge





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



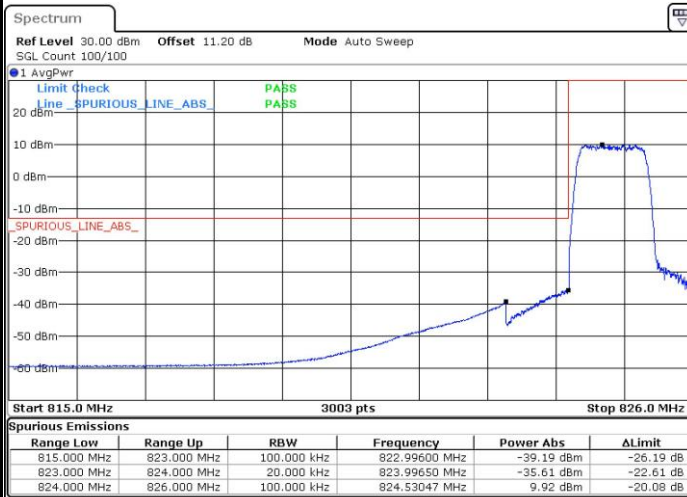
Date: 23 JUN.2019 17:47:20

Highest Band Edge / 1 RB



Date: 23 JUN.2019 18:02:59

Lowest Band Edge / Full RB



Date: 23 JUN.2019 17:50:38

Highest Band Edge / Full RB

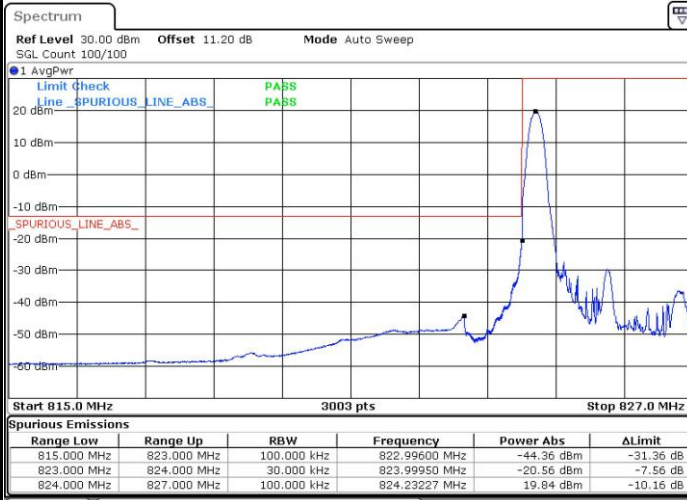


Date: 23 JUN.2019 17:59:40



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



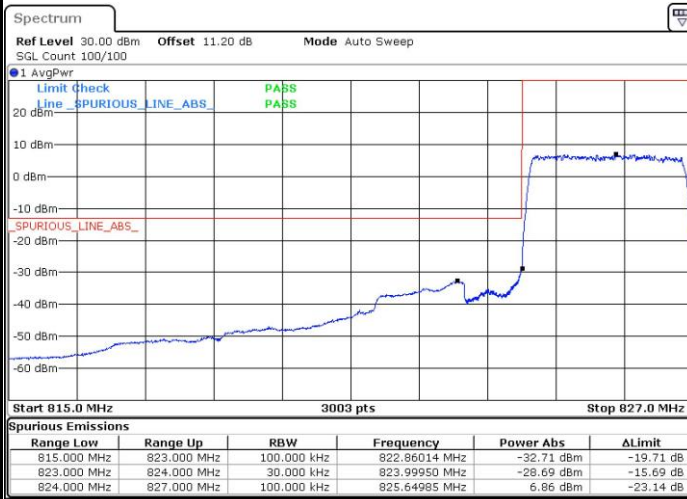
Date: 23 JUN.2019 18:07:30

Highest Band Edge / 1 RB



Date: 23 JUN.2019 18:20:08

Lowest Band Edge / Full RB



Date: 23 JUN.2019 18:10:48

Highest Band Edge / Full RB

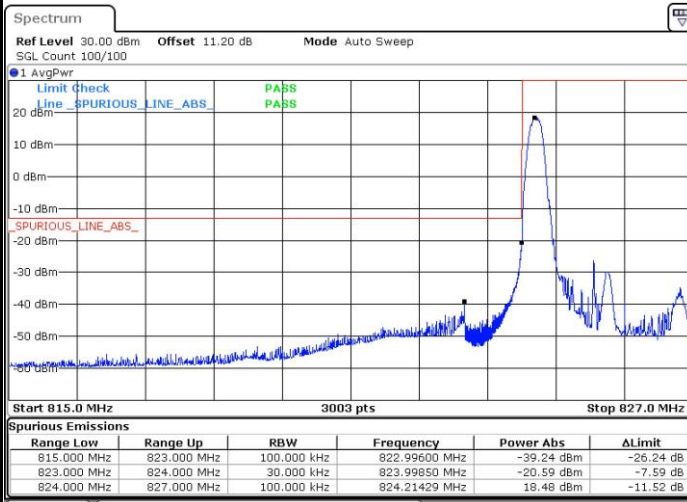


Date: 23 JUN.2019 18:23:27



LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



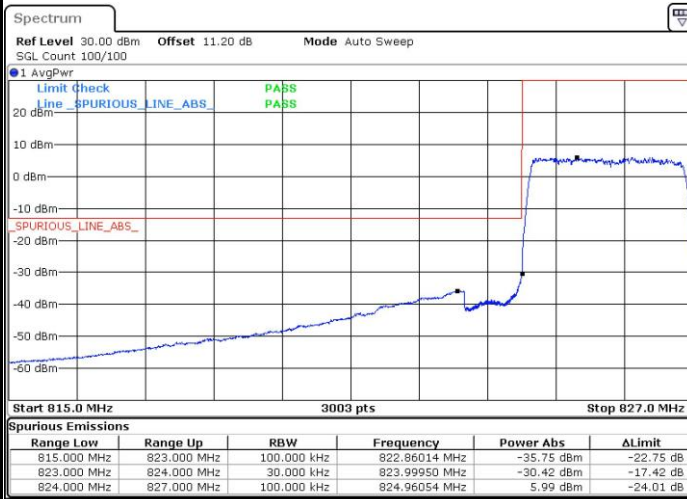
Date: 23 JUN.2019 18:09:09

Highest Band Edge / 1 RB



Date: 23 JUN.2019 18:21:48

Lowest Band Edge / Full RB



Date: 23 JUN.2019 18:12:26

Highest Band Edge / Full RB

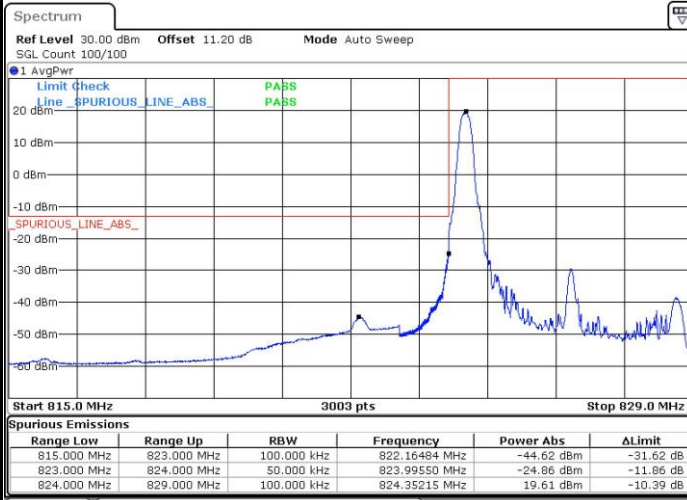


Date: 23 JUN.2019 18:25:06



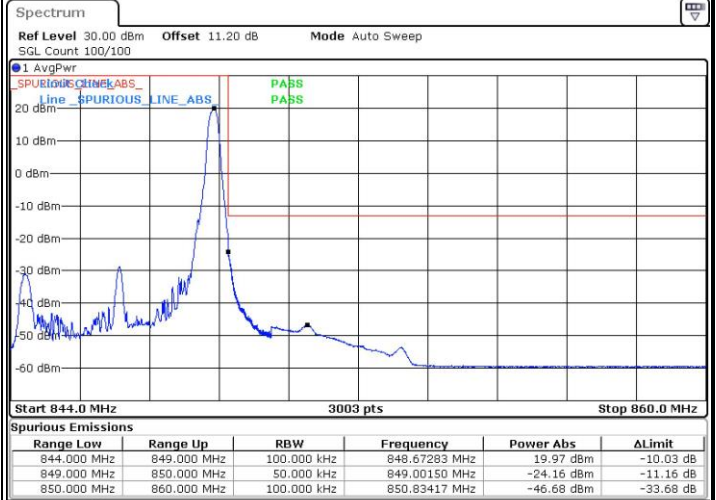
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



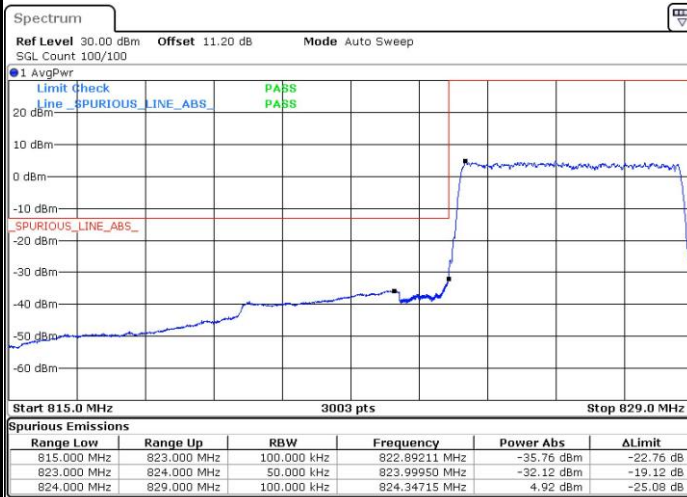
Date: 23 JUN.2019 18:29:37

Highest Band Edge / 1 RB



Date: 23 JUN.2019 18:41:57

Lowest Band Edge / Full RB



Date: 23 JUN.2019 18:32:55

Highest Band Edge / Full RB

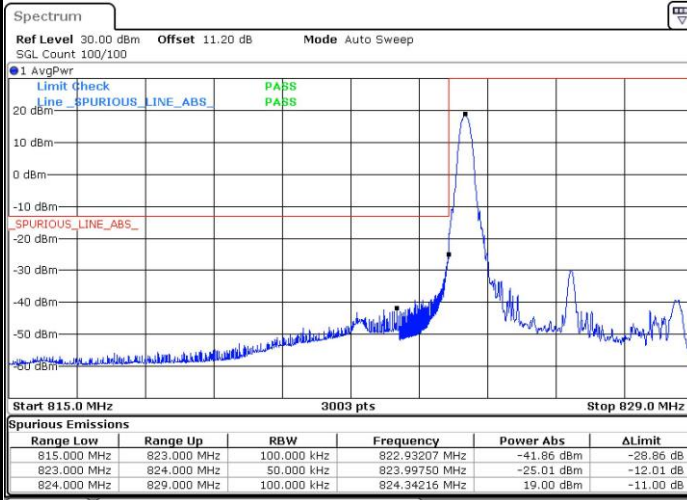


Date: 23 JUN.2019 18:45:15



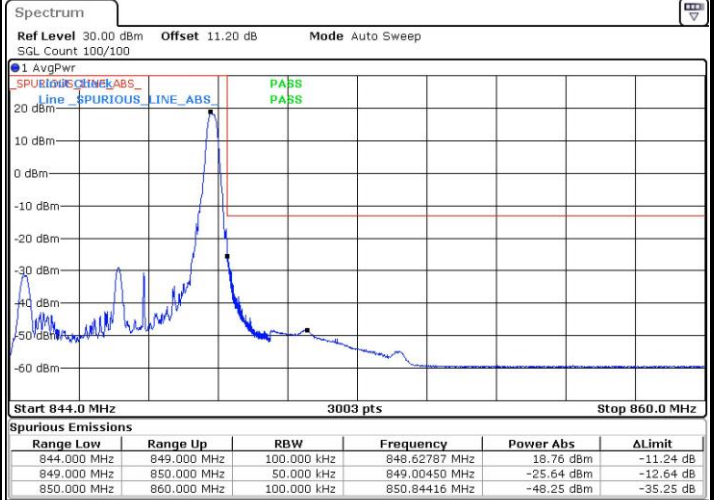
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



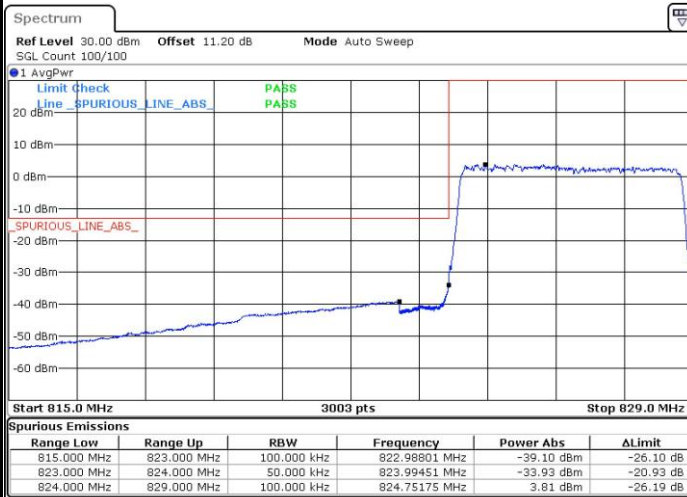
Date: 23 JUN.2019 18:31:16

Highest Band Edge / 1 RB



Date: 23 JUN.2019 18:43:36

Lowest Band Edge / Full RB



Date: 23 JUN.2019 18:34:34

Highest Band Edge / Full RB

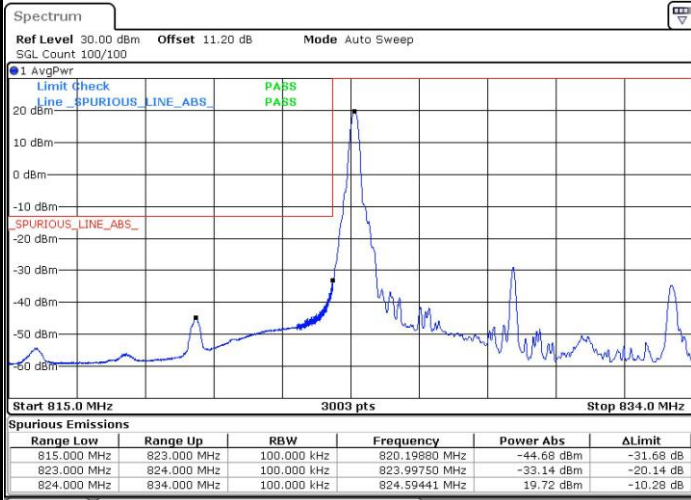


Date: 23 JUN.2019 18:46:54

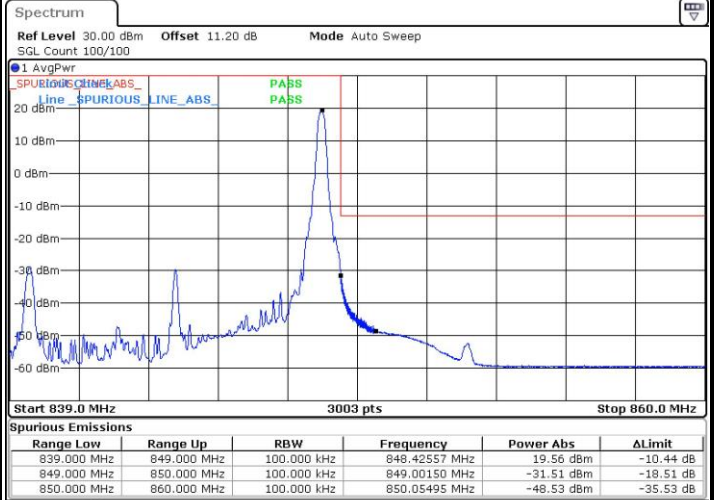


LTE Band 5 / 10MHz / QPSK

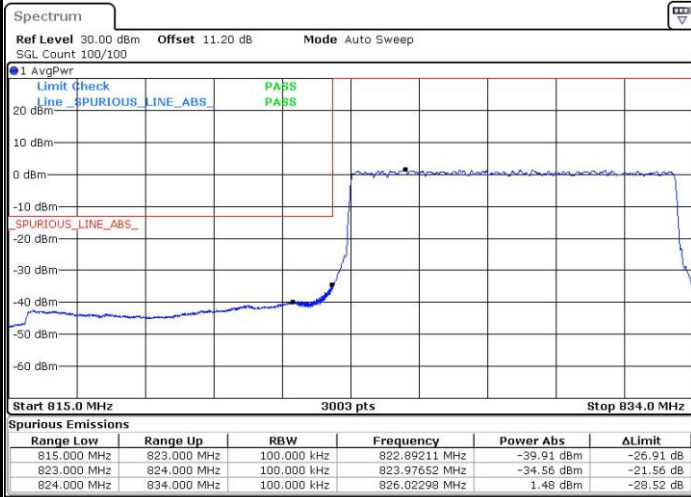
Lowest Band Edge / 1 RB



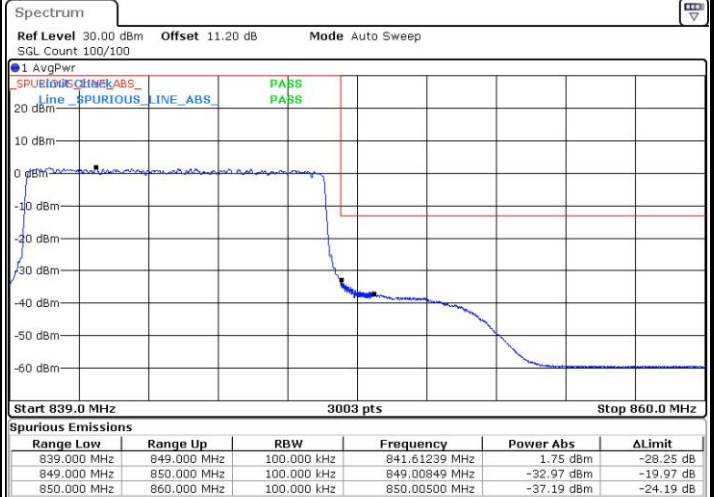
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



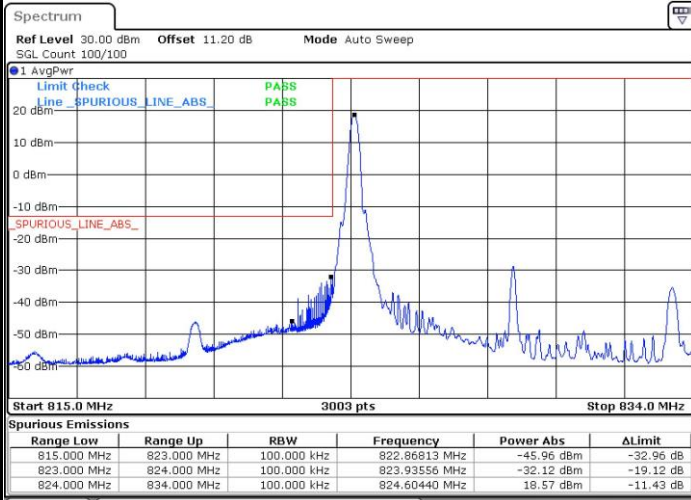
Highest Band Edge / Full RB





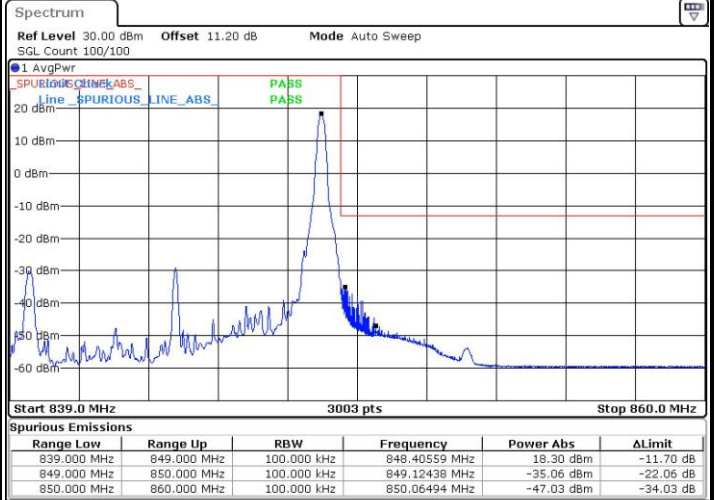
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



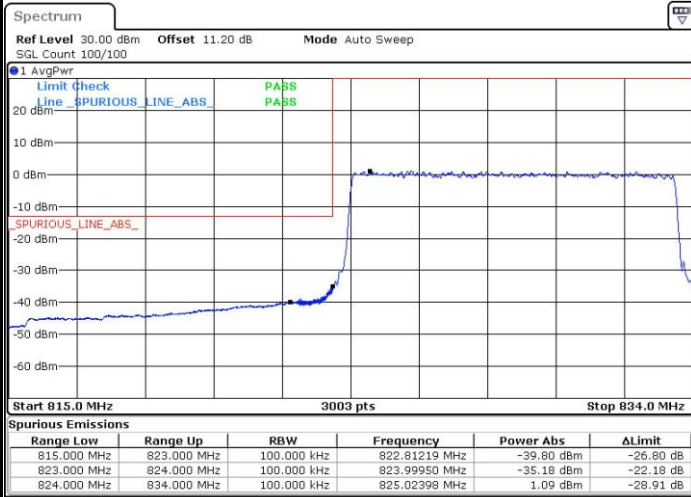
Date: 23 JUN.2019 18:53:04

Highest Band Edge / 1 RB



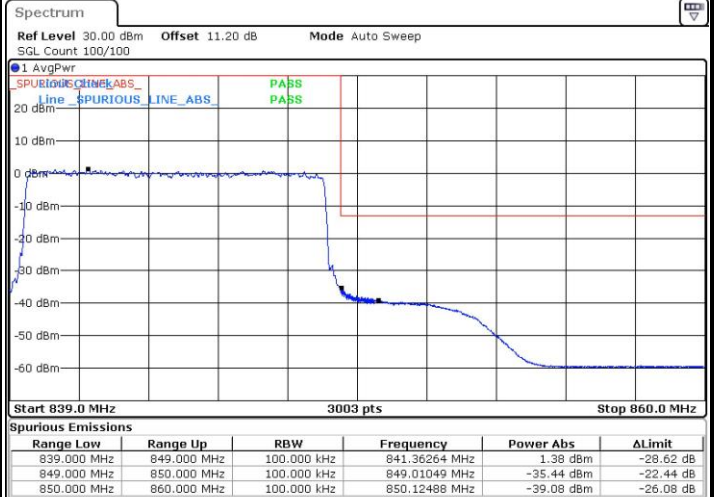
Date: 23 JUN.2019 19:05:24

Lowest Band Edge / Full RB



Date: 23 JUN.2019 18:56:23

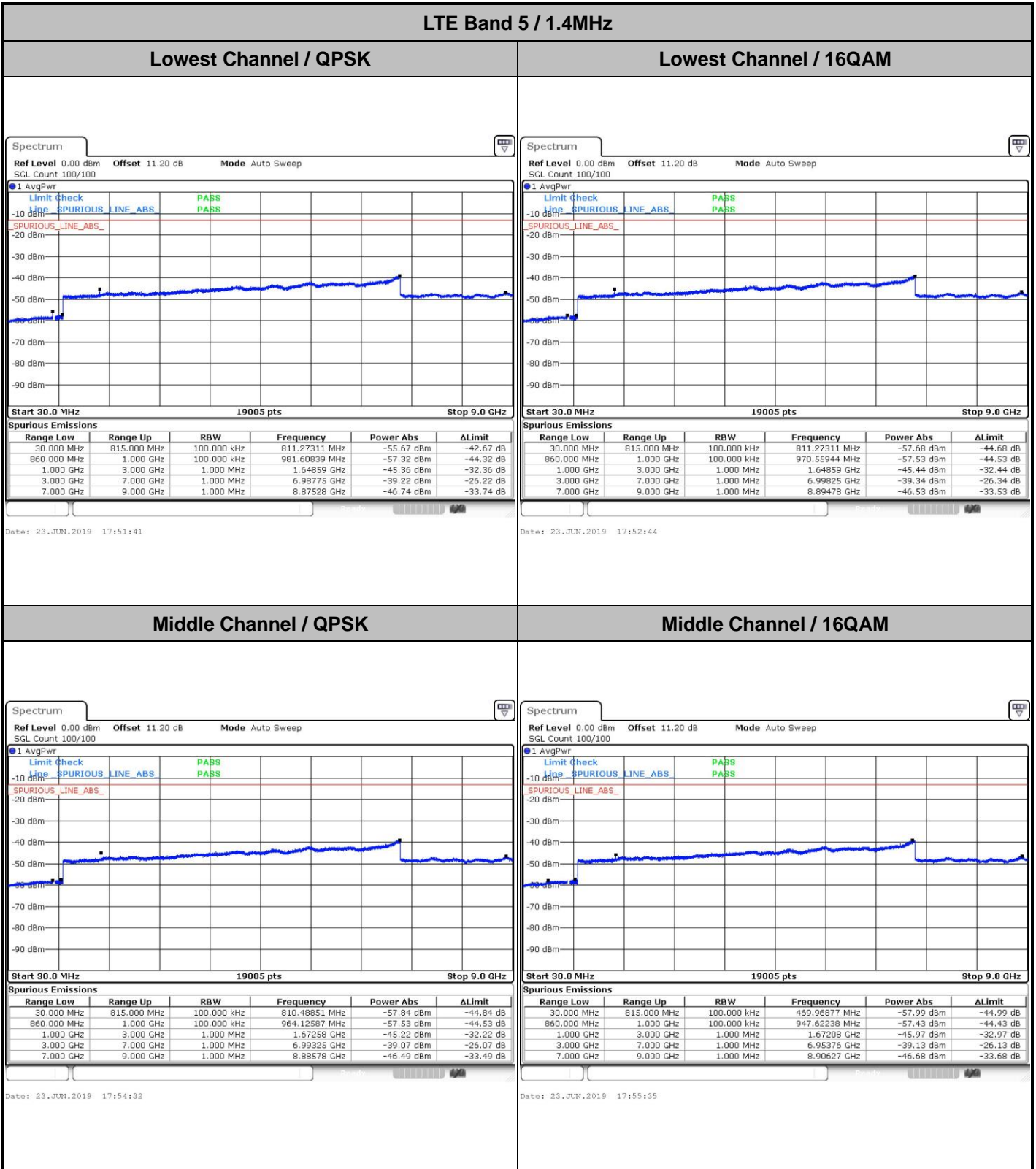
Highest Band Edge / Full RB



Date: 23 JUN.2019 19:08:43



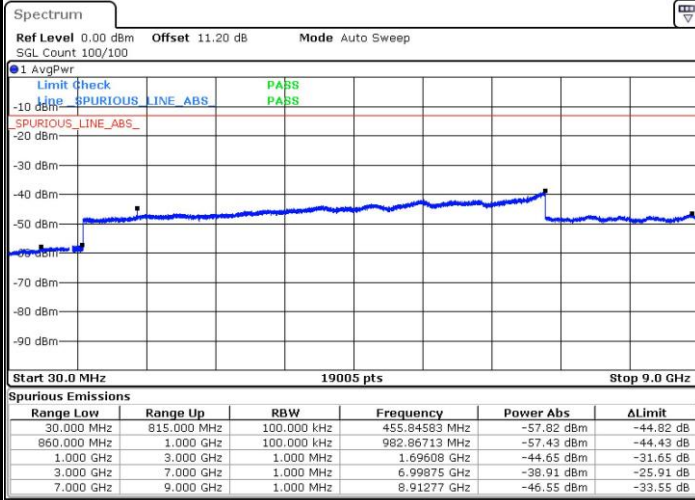
Conducted Spurious Emission





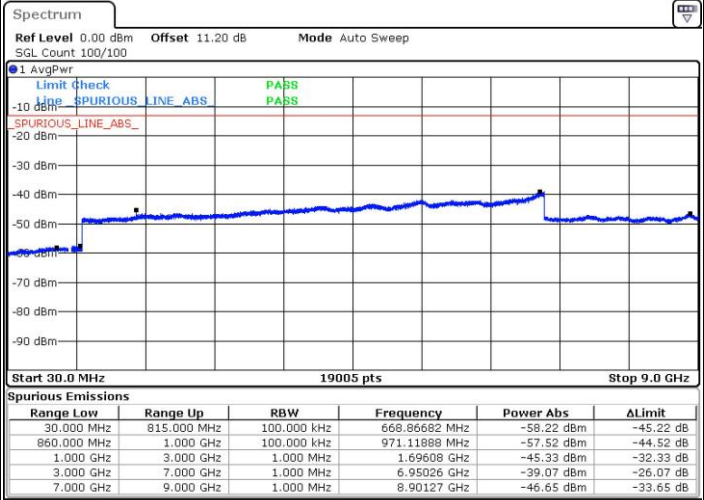
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 23 JUN.2019 18:04:01

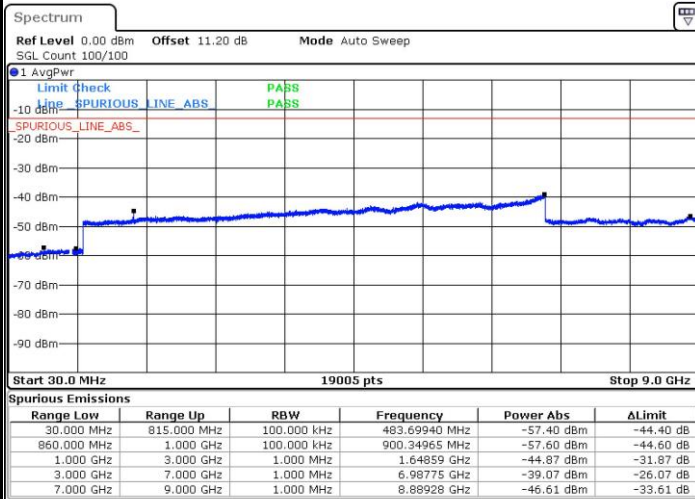
Highest Channel / 16QAM



Date: 23 JUN.2019 18:05:04

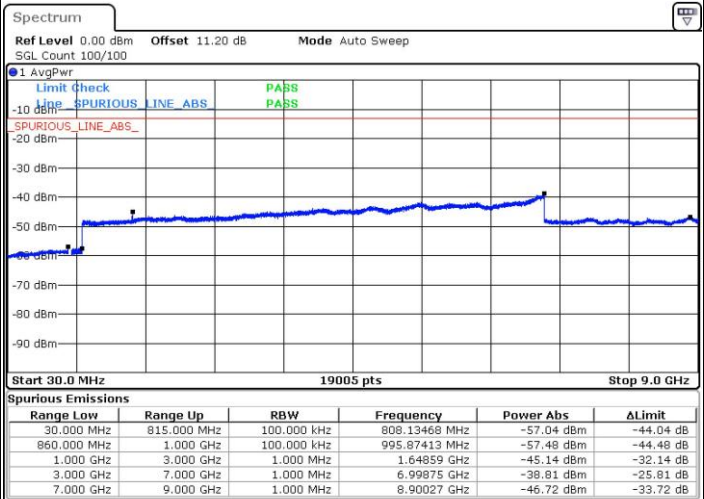
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 23 JUN.2019 18:13:28

Lowest Channel / 16QAM



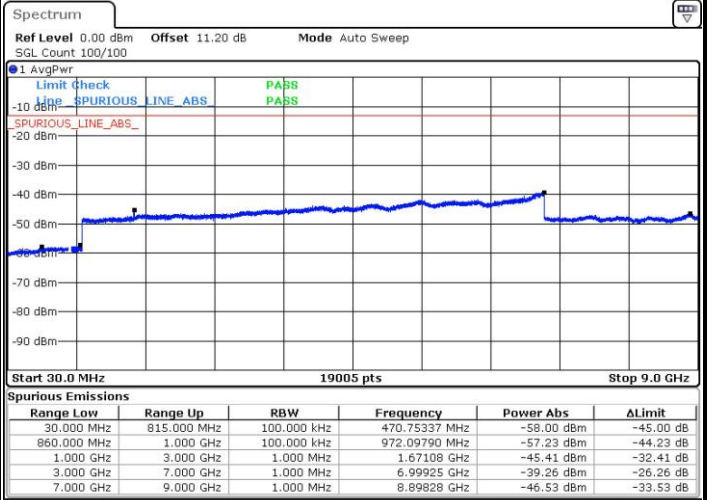
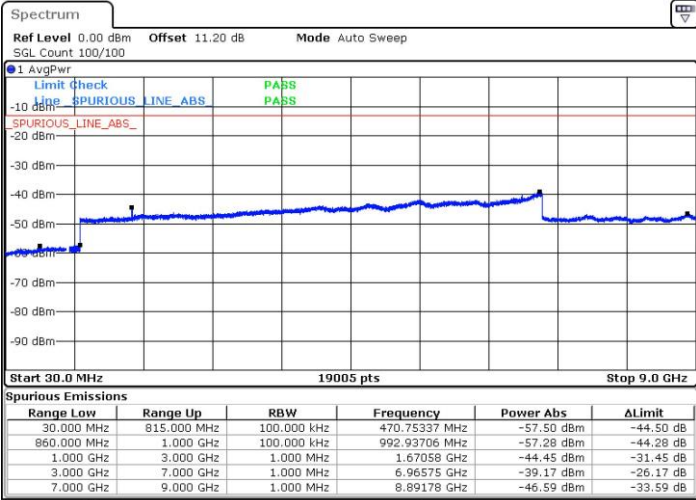
Date: 23 JUN.2019 18:14:31



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

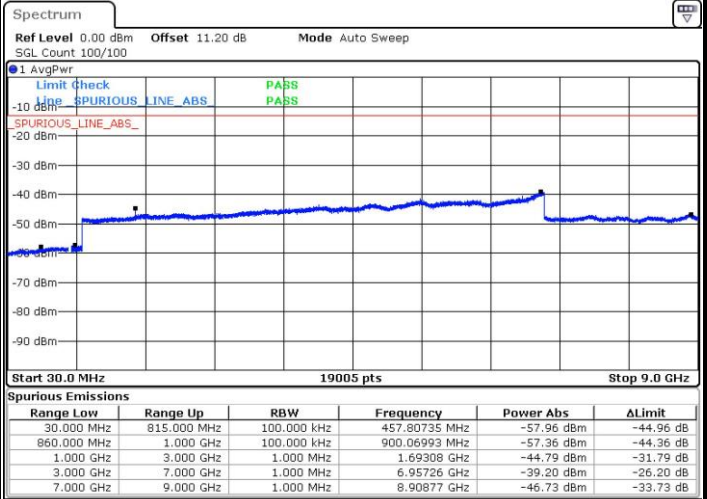
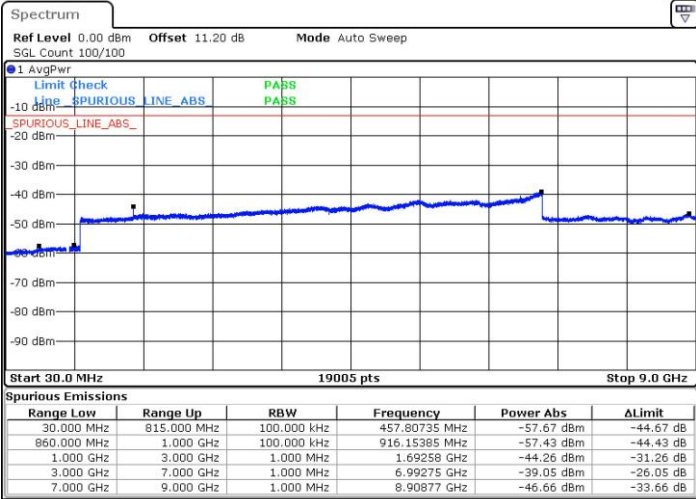


Date: 23.JUN.2019 18:16:40

Date: 23.JUN.2019 18:17:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.JUN.2019 18:26:08

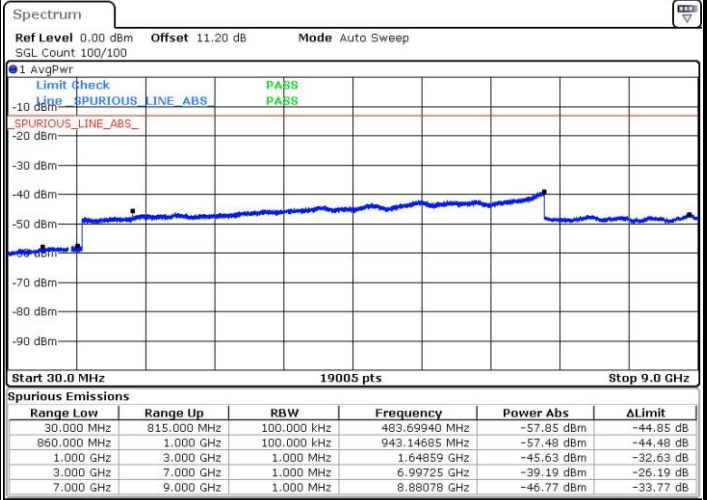
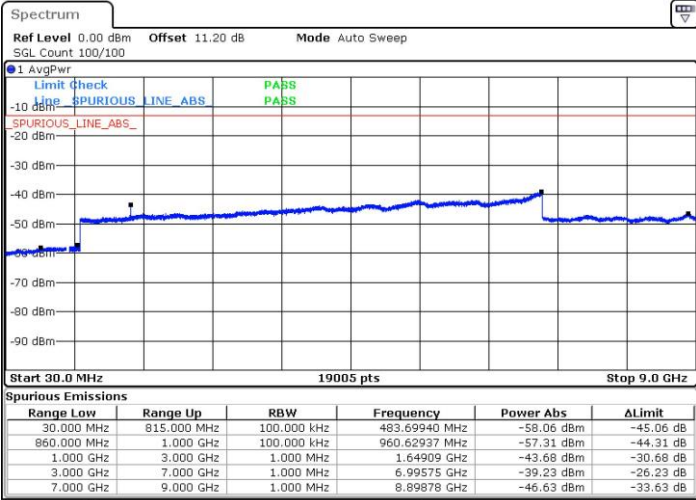
Date: 23.JUN.2019 18:27:11



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

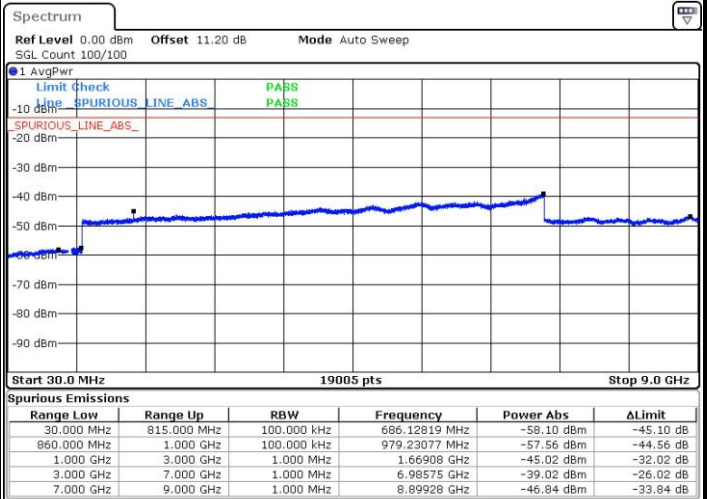
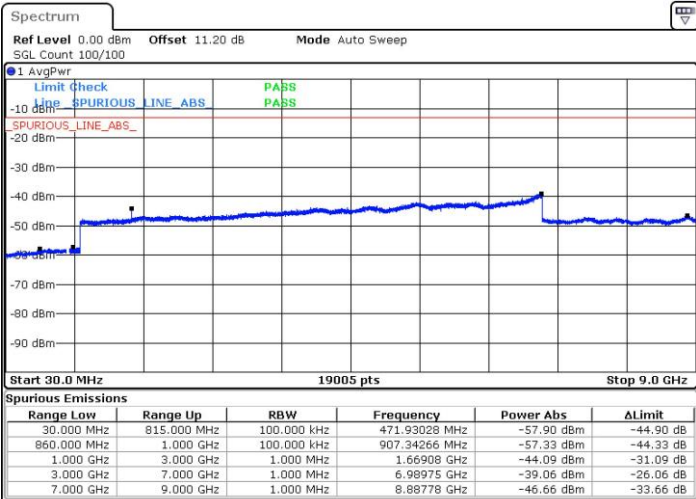


Date: 23.JUN.2019 18:35:36

Date: 23.JUN.2019 18:36:39

Middle Channel / QPSK

Middle Channel / 16QAM



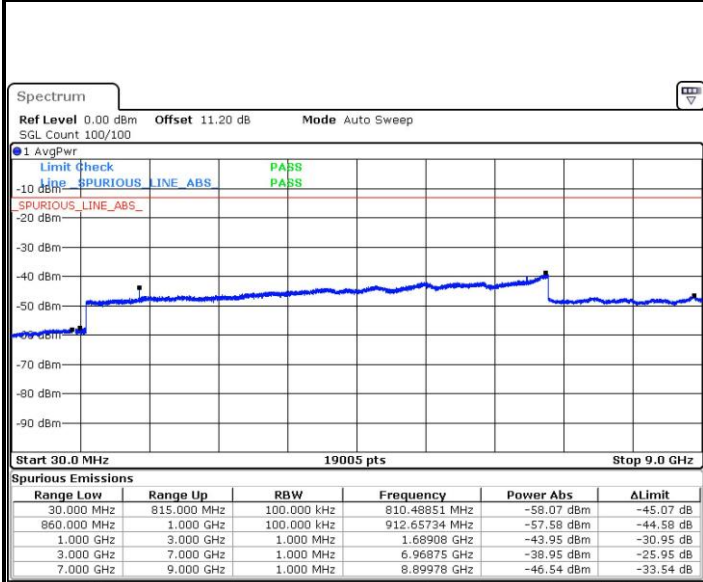
Date: 23.JUN.2019 18:38:28

Date: 23.JUN.2019 18:39:30



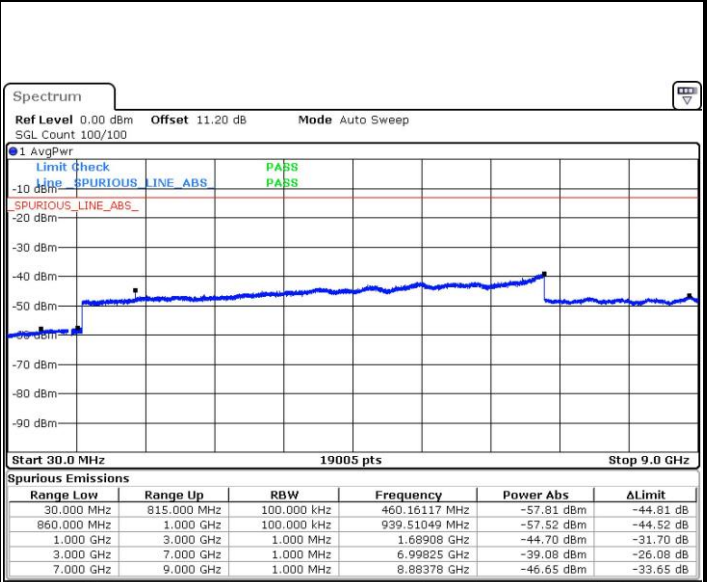
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 23.JUN.2019 18:47:56

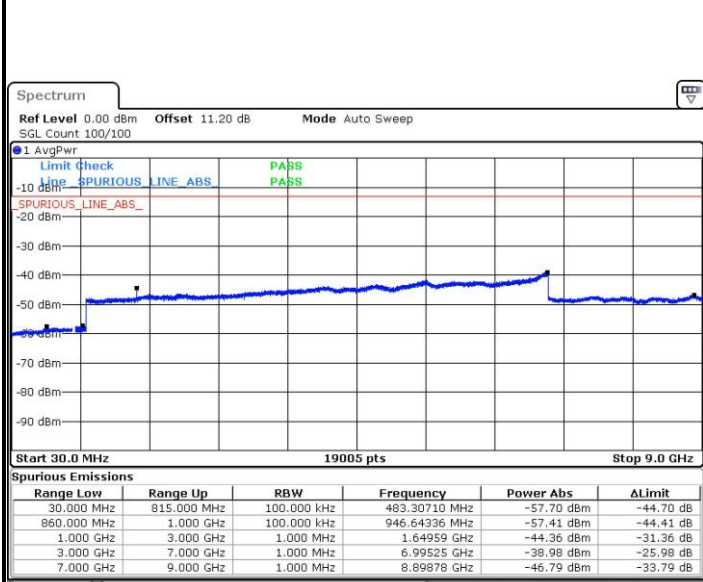
Highest Channel / 16QAM



Date: 23.JUN.2019 18:48:59

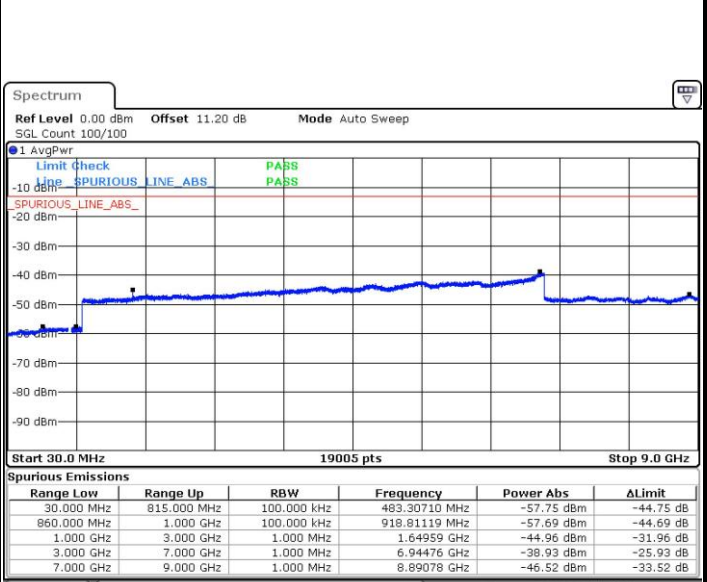
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 23.JUN.2019 18:57:25

Lowest Channel / 16QAM



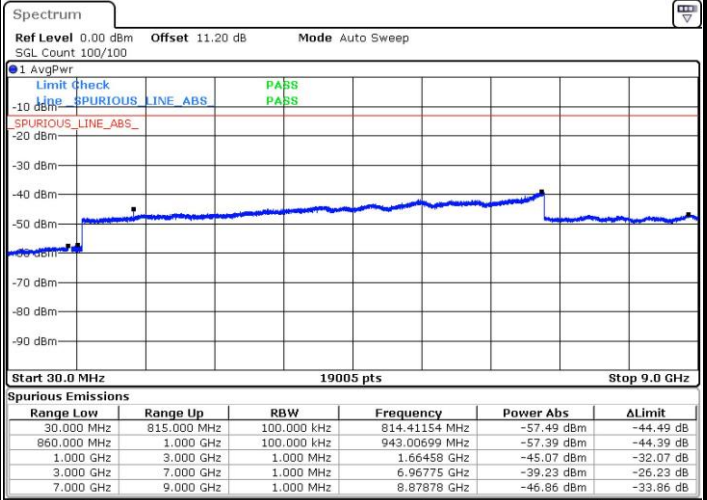
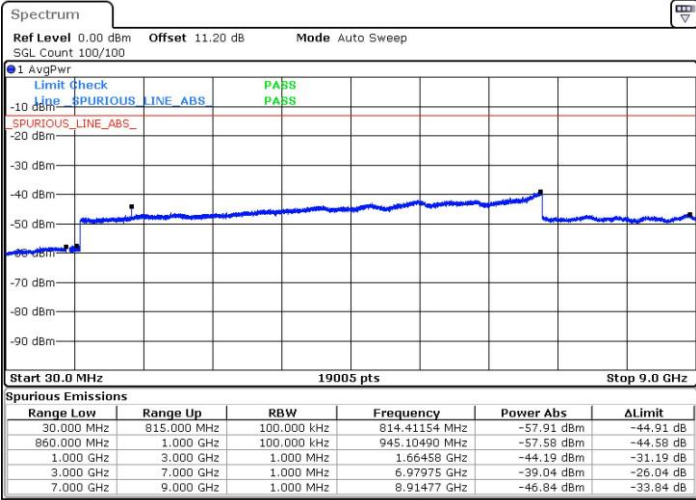
Date: 23.JUN.2019 18:58:28



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

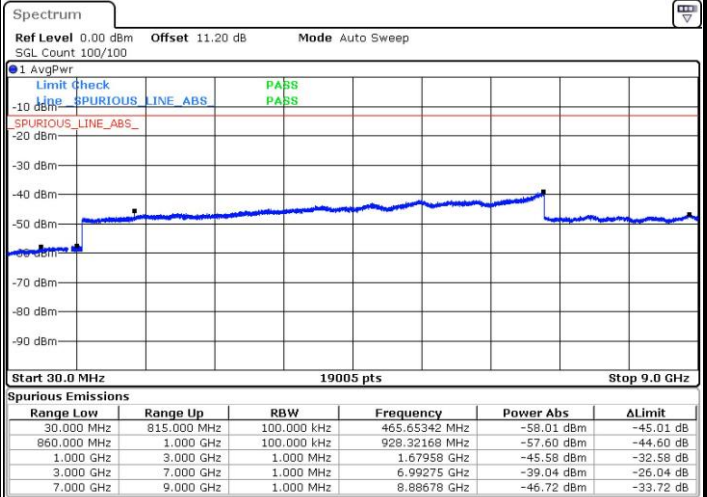


Date: 23.JUN.2019 19:00:16

Date: 23.JUN.2019 19:01:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.JUN.2019 19:09:45

Date: 23.JUN.2019 19:10:48



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	0.0038	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0094	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0036	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 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	4	4.78	4.52	5.83	PASS
Middle CH	3.65	5.01	4.64	5.91	
Highest CH	4.46	5.01	4.96	5.91	