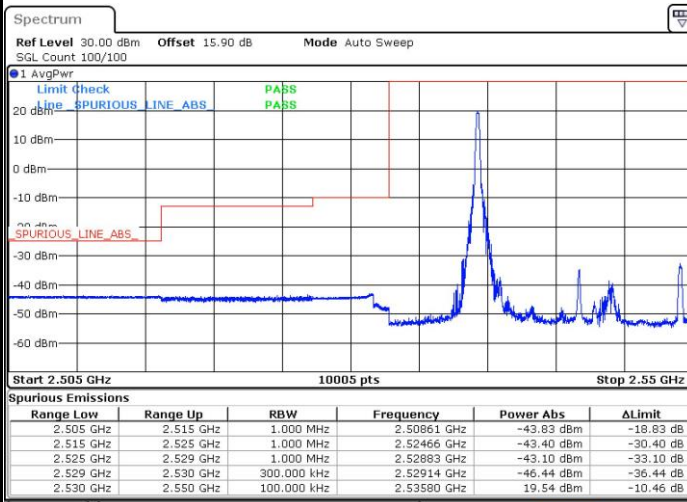




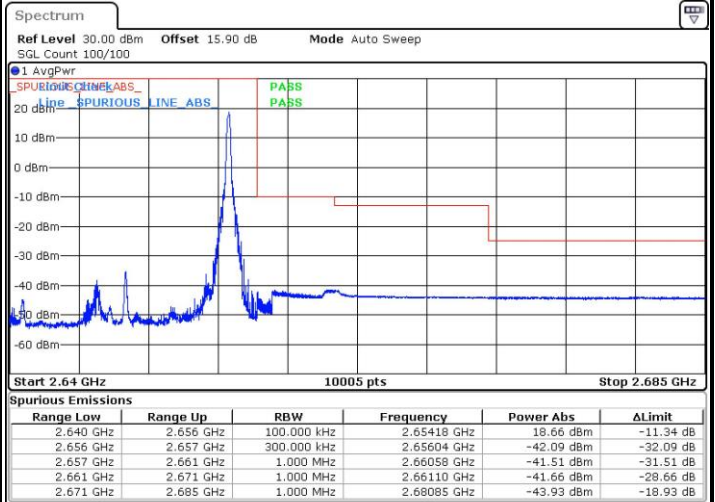
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



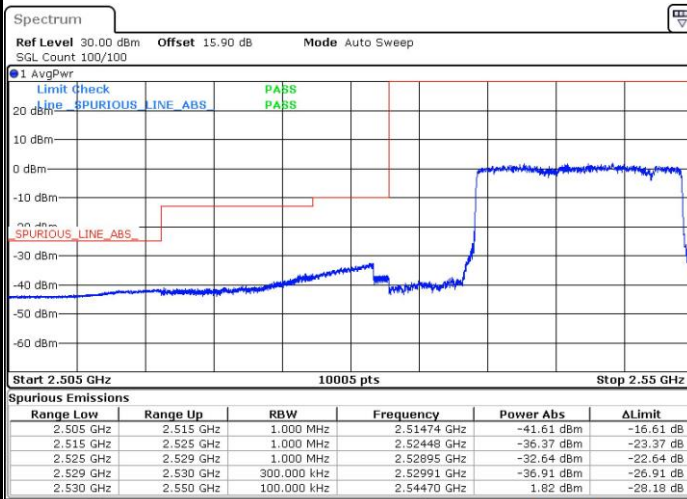
Date: 13.MAY.2019 00:47:09

Highest Band Edge / 1 RB



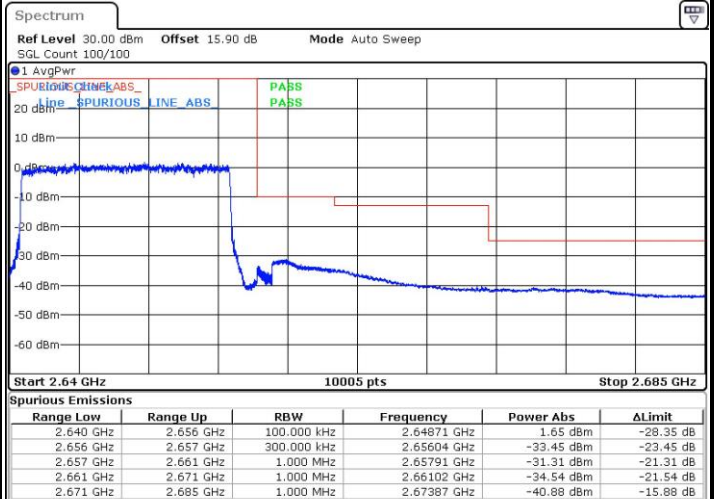
Date: 13.MAY.2019 00:52:56

Lowest Band Edge / Full RB



Date: 13.MAY.2019 00:48:29

Highest Band Edge / Full RB

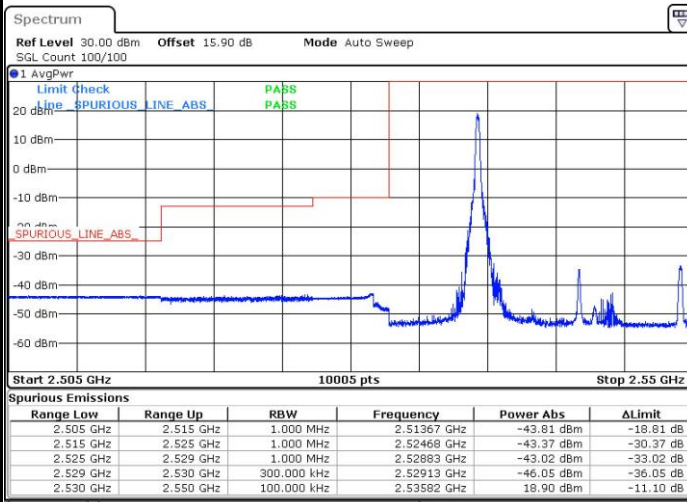


Date: 13.MAY.2019 00:54:18



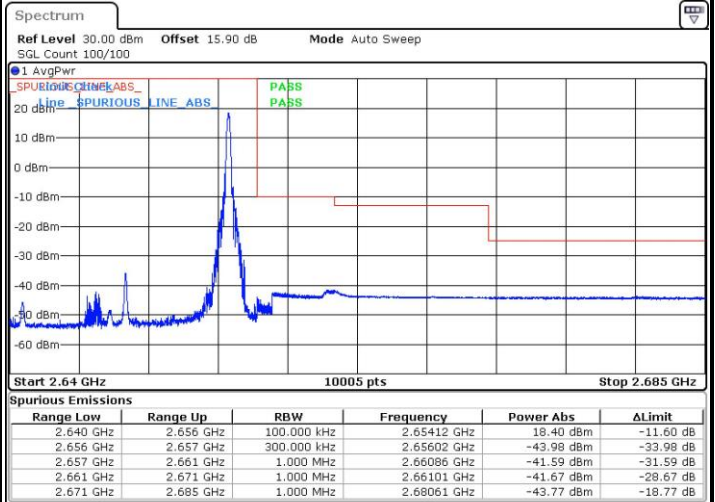
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



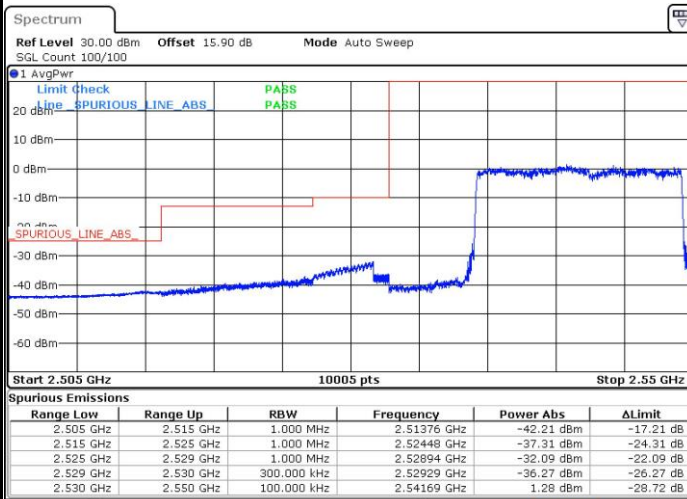
Date: 13.MAY.2019 00:47:49

Highest Band Edge / 1 RB



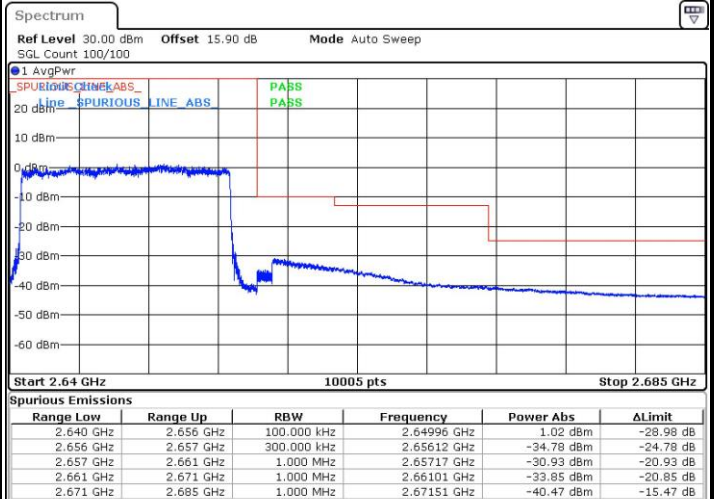
Date: 13.MAY.2019 00:53:37

Lowest Band Edge / Full RB



Date: 13.MAY.2019 00:48:10

Highest Band Edge / Full RB

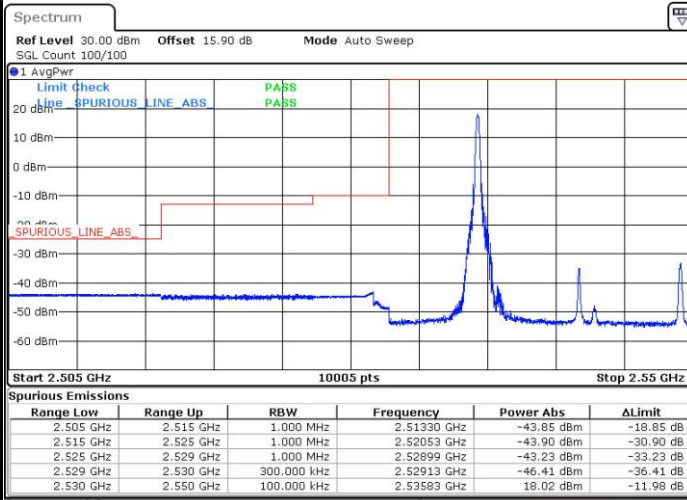


Date: 13.MAY.2019 00:54:58



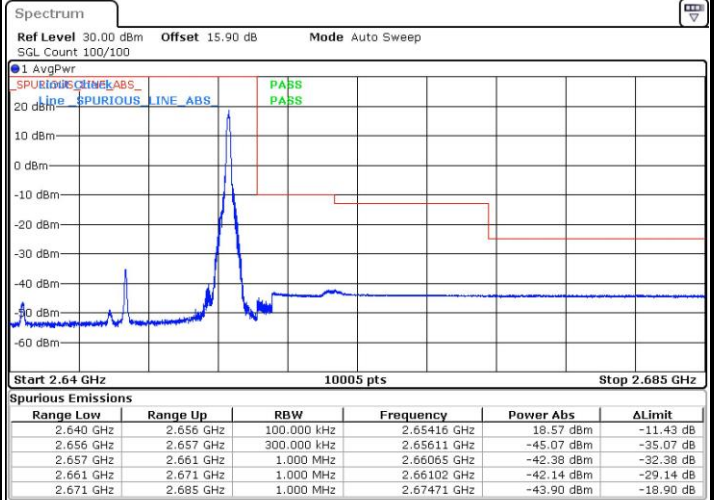
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



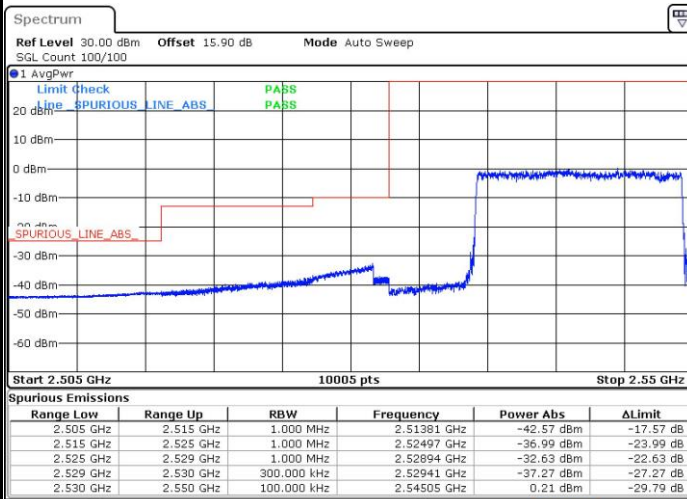
Date: 13.MAY.2019 01:17:17

Highest Band Edge / 1 RB



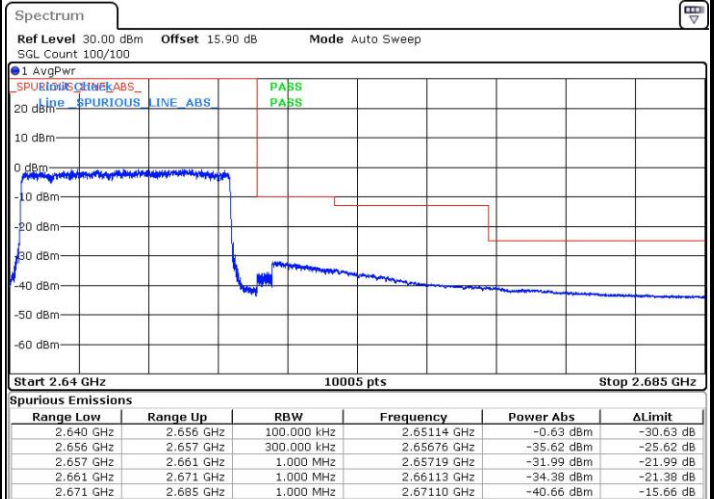
Date: 13.MAY.2019 01:20:11

Lowest Band Edge / Full RB



Date: 13.MAY.2019 01:17:58

Highest Band Edge / Full RB

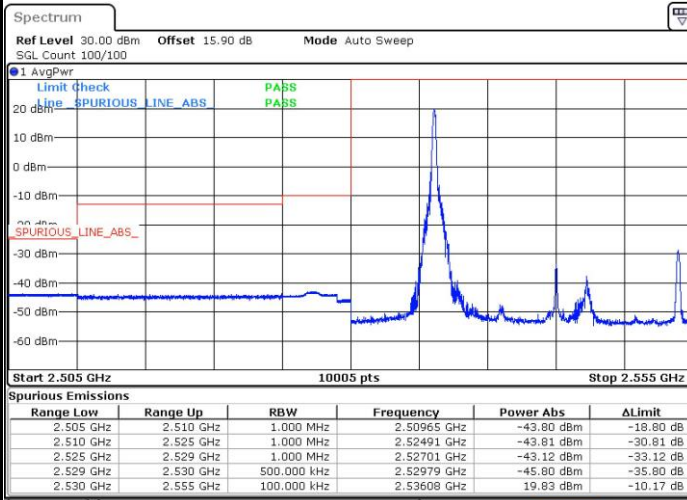


Date: 13.MAY.2019 01:20:52



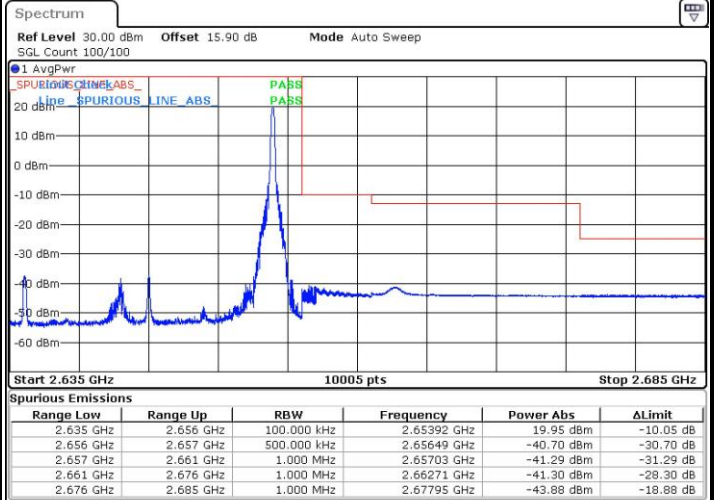
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



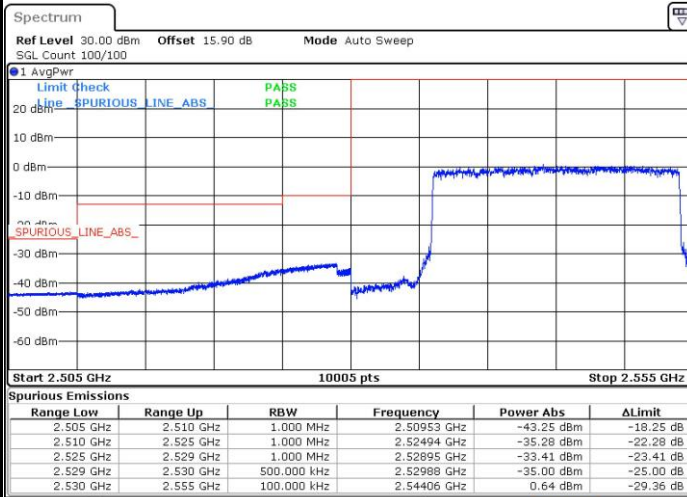
Date: 13.MAY.2019 00:57:12

Highest Band Edge / 1 RB



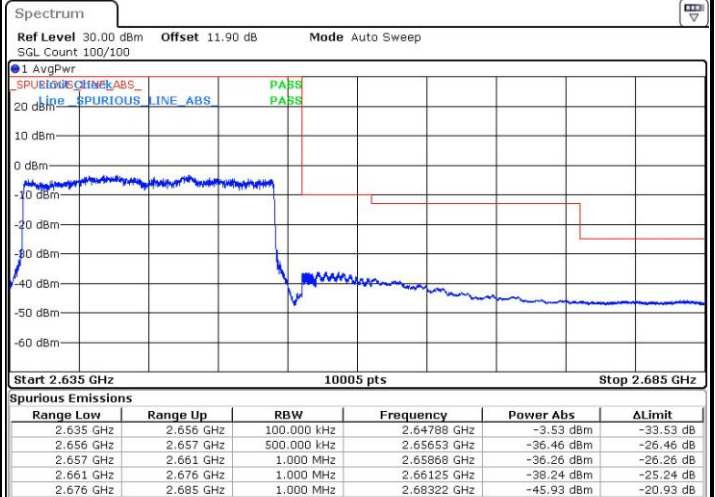
Date: 13.MAY.2019 01:02:59

Lowest Band Edge / Full RB



Date: 13.MAY.2019 00:58:33

Highest Band Edge / Full RB

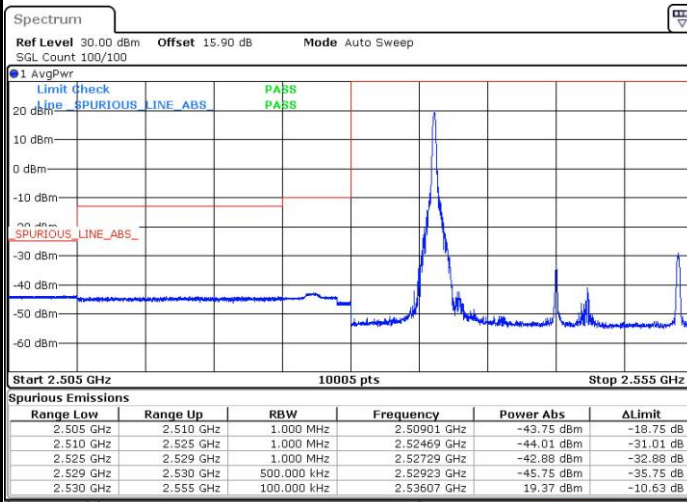


Date: 13.MAY.2019 05:39:37



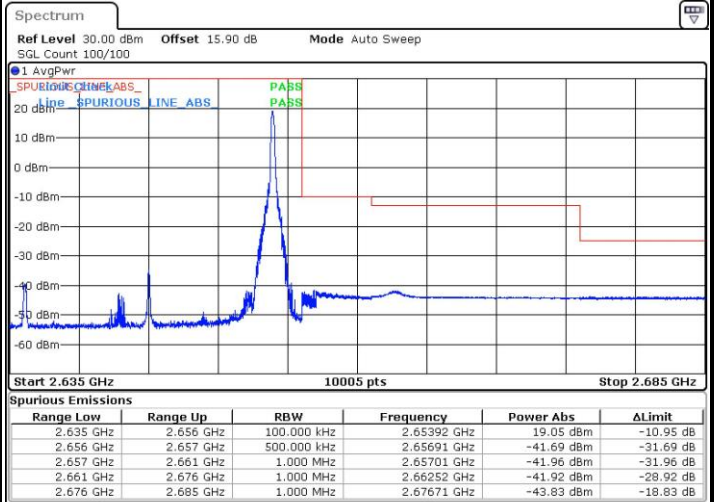
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



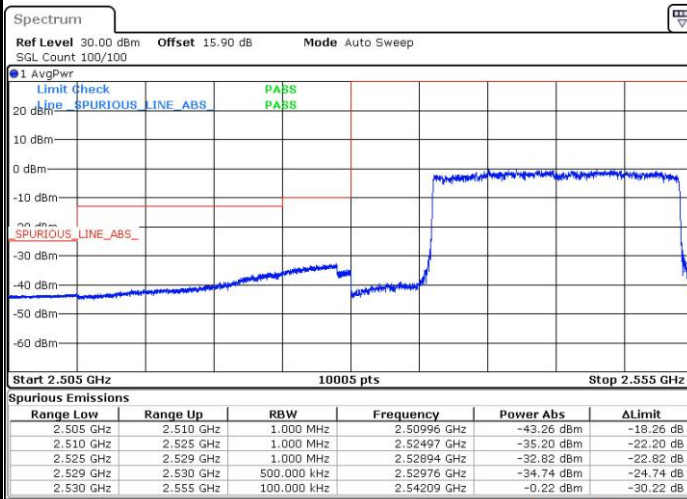
Date: 13.MAY.2019 00:57:52

Highest Band Edge / 1 RB



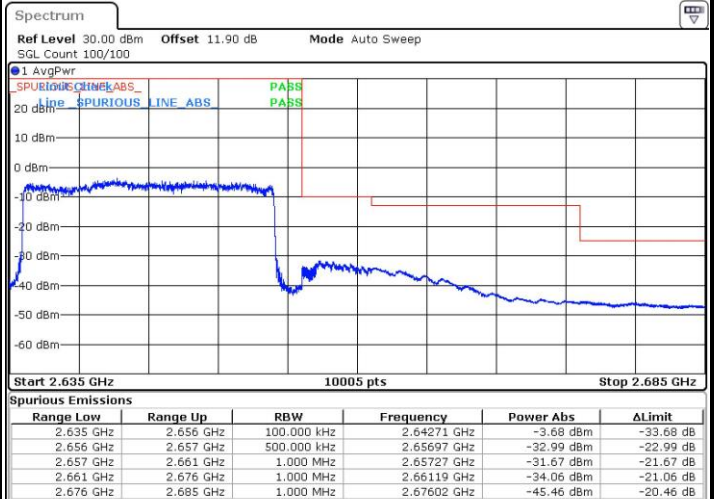
Date: 13.MAY.2019 01:03:39

Lowest Band Edge / Full RB



Date: 13.MAY.2019 00:59:13

Highest Band Edge / Full RB

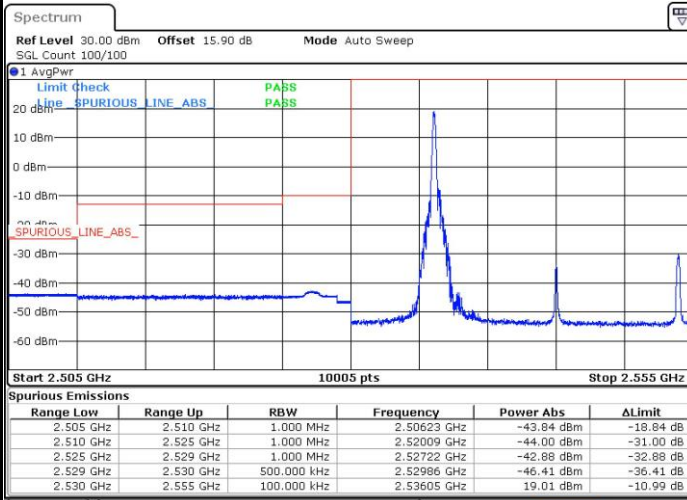


Date: 13.MAY.2019 05:36:41



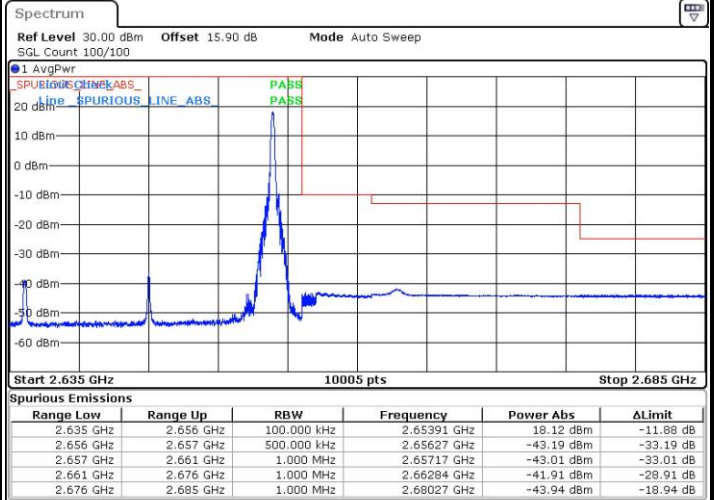
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



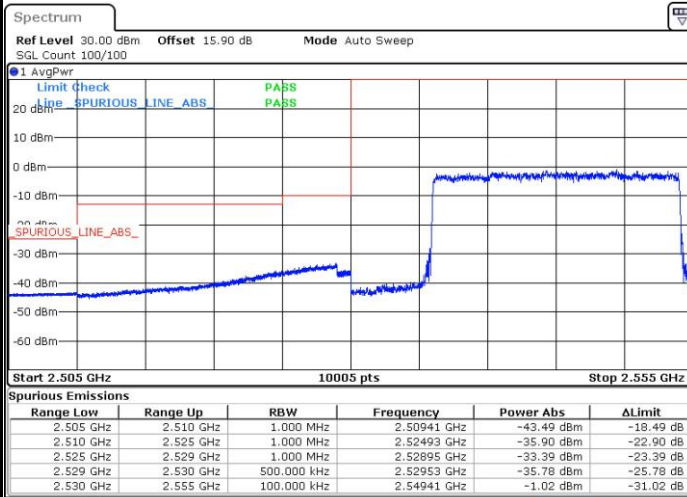
Date: 13.MAY.2019 01:22:19

Highest Band Edge / 1 RB



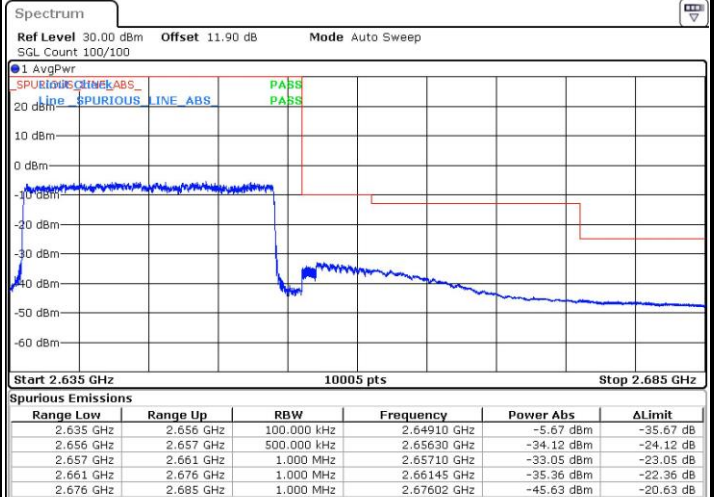
Date: 13.MAY.2019 01:25:13

Lowest Band Edge / Full RB



Date: 13.MAY.2019 01:22:59

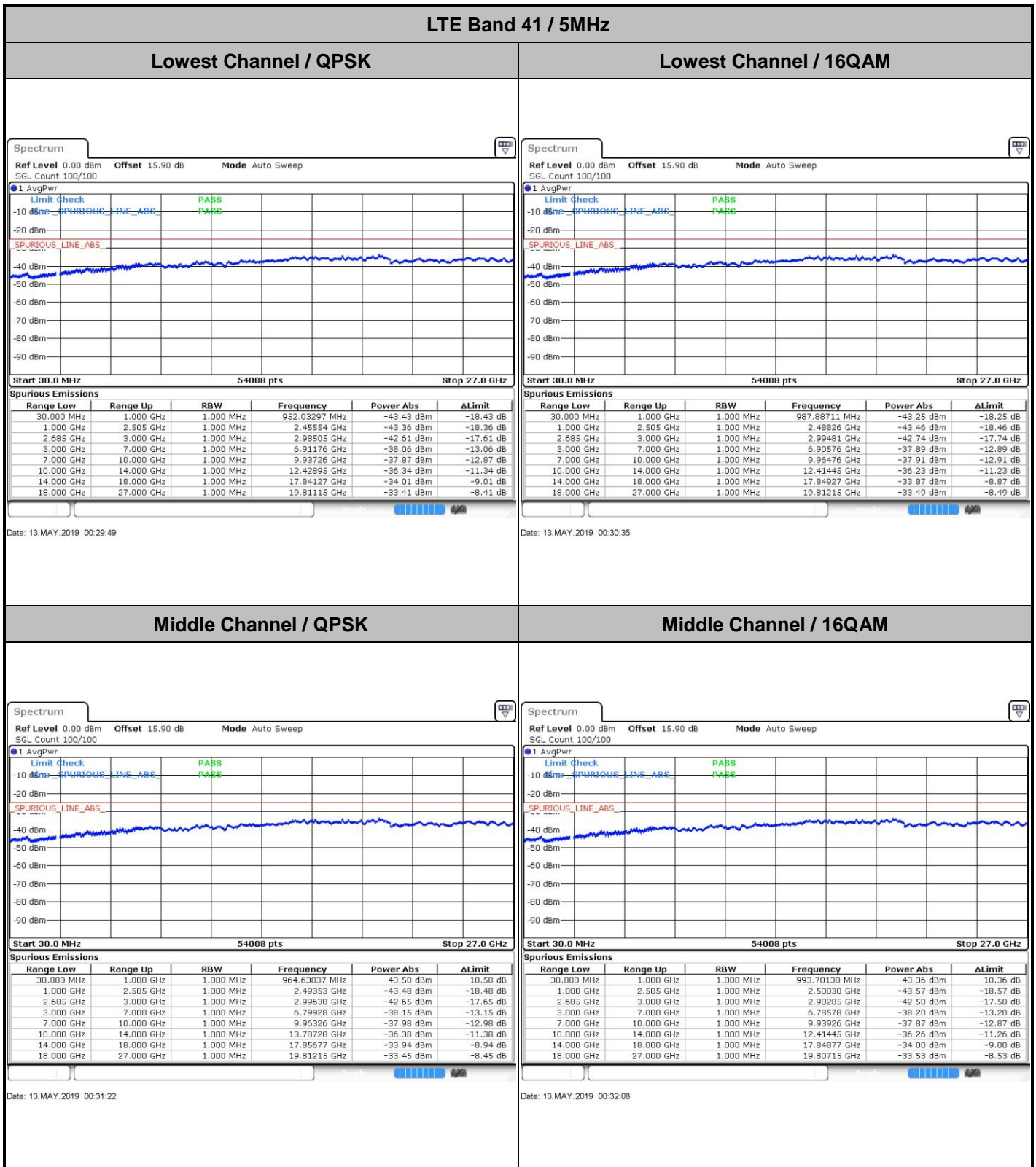
Highest Band Edge / Full RB



Date: 13.MAY.2019 05:37:36



Conducted Spurious Emission

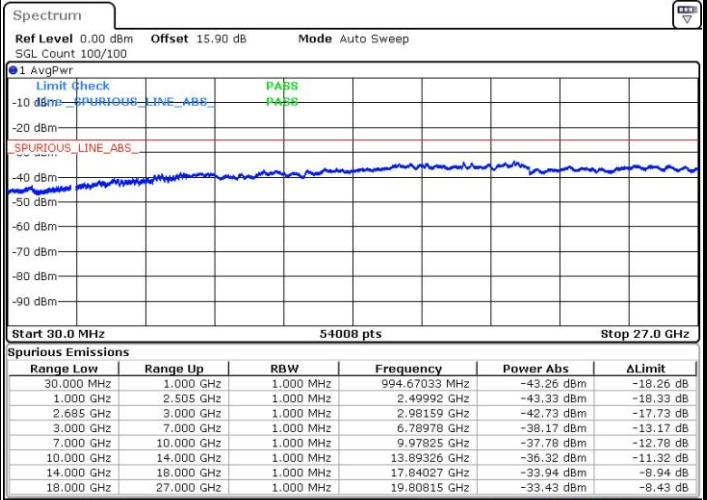
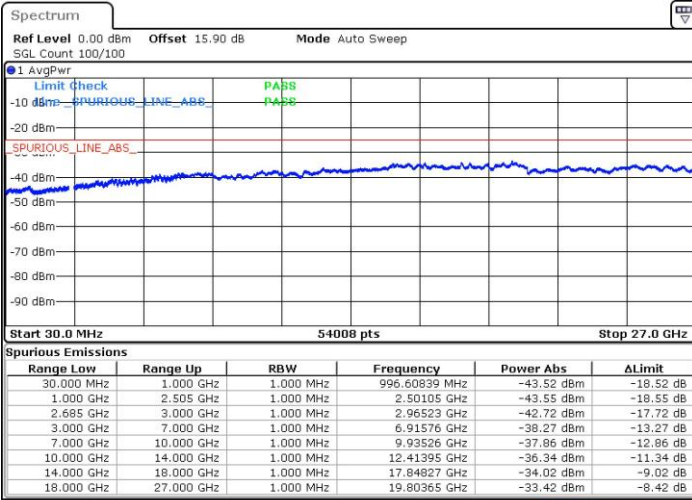




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



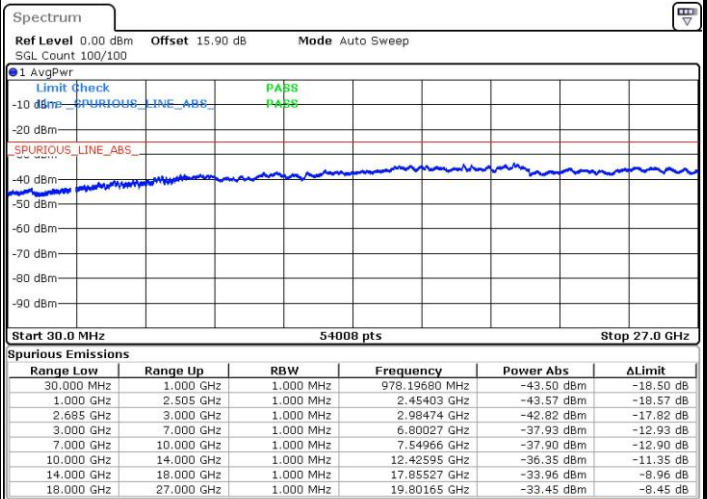
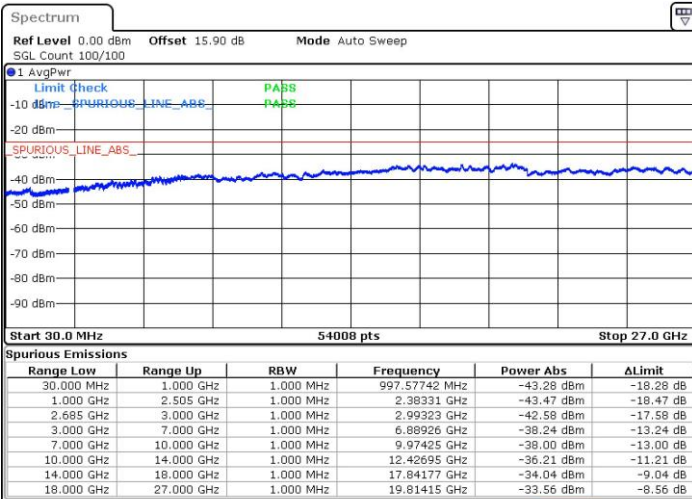
Date: 13.MAY.2019 00:35:37

Date: 13.MAY.2019 00:36:23

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 13.MAY.2019 00:39:53

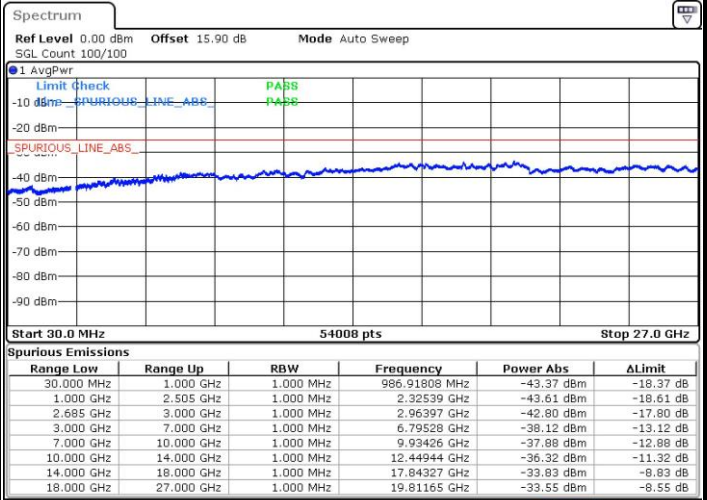
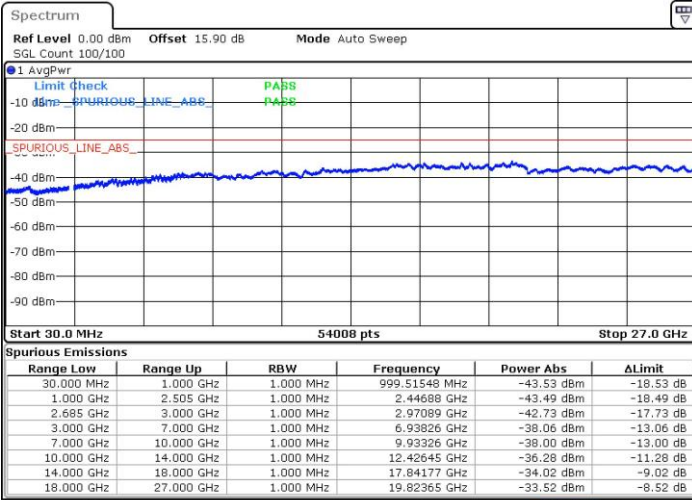
Date: 13.MAY.2019 00:40:39



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

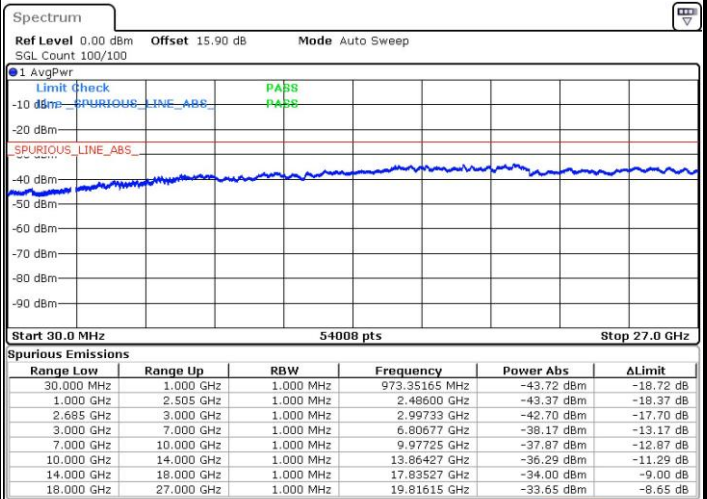
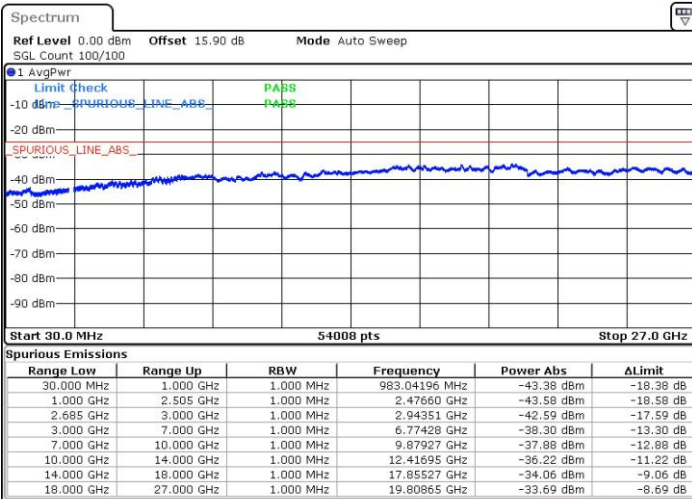


Date: 13.MAY.2019 00:41:25

Date: 13.MAY.2019 00:42:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.MAY.2019 00:45:41

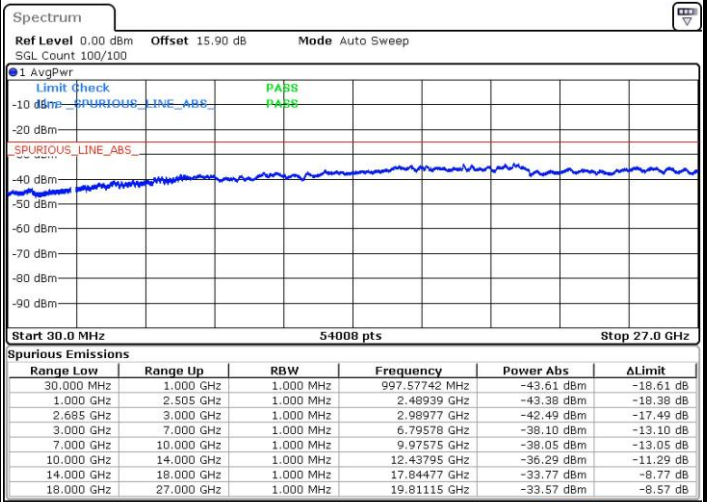
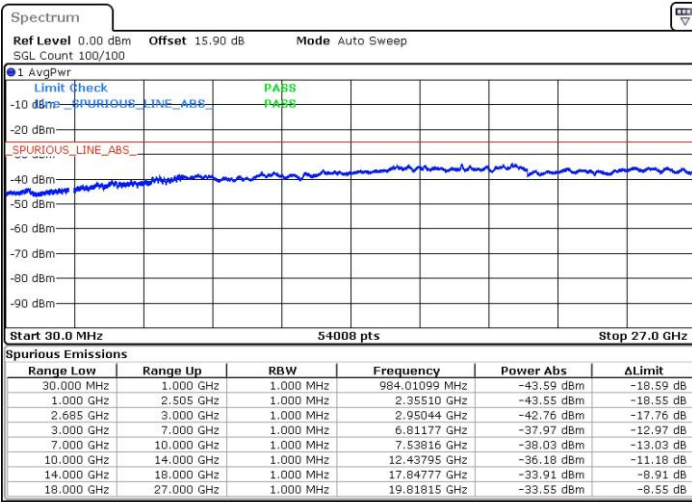
Date: 13.MAY.2019 00:46:27



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

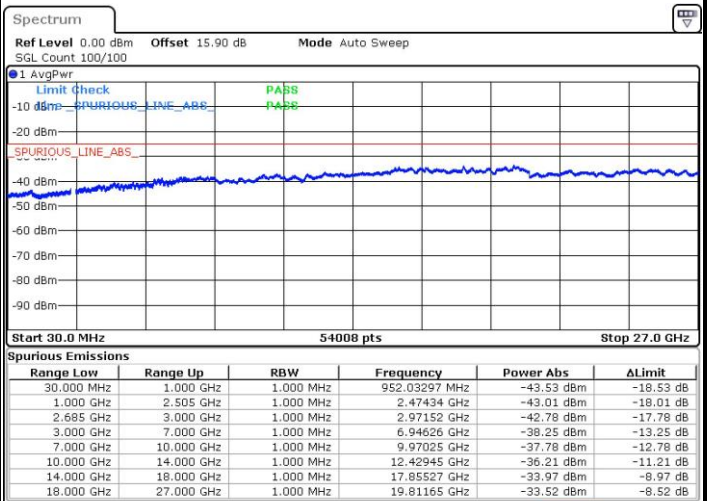
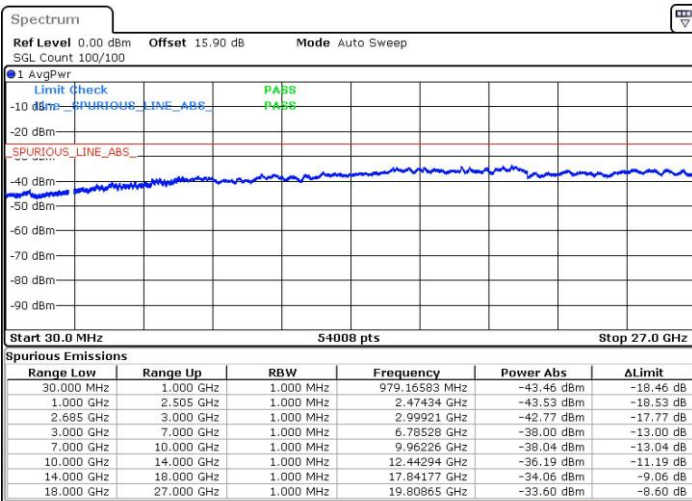


Date: 13.MAY.2019 00:49:56

Date: 13.MAY.2019 00:50:42

Middle Channel / QPSK

Middle Channel / 16QAM



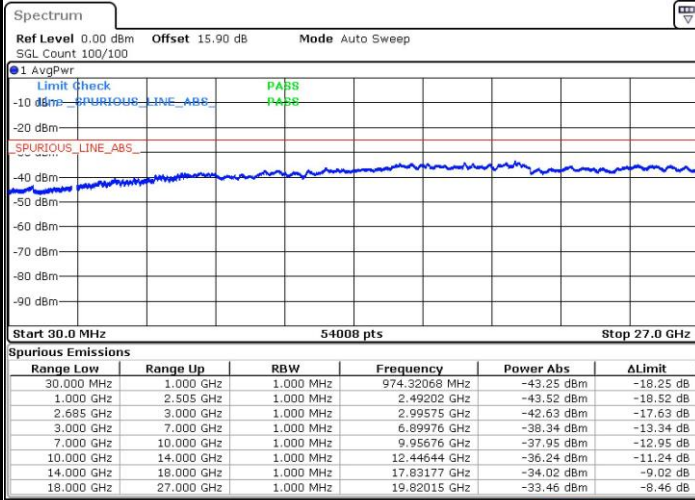
Date: 13.MAY.2019 00:51:28

Date: 13.MAY.2019 00:52:15



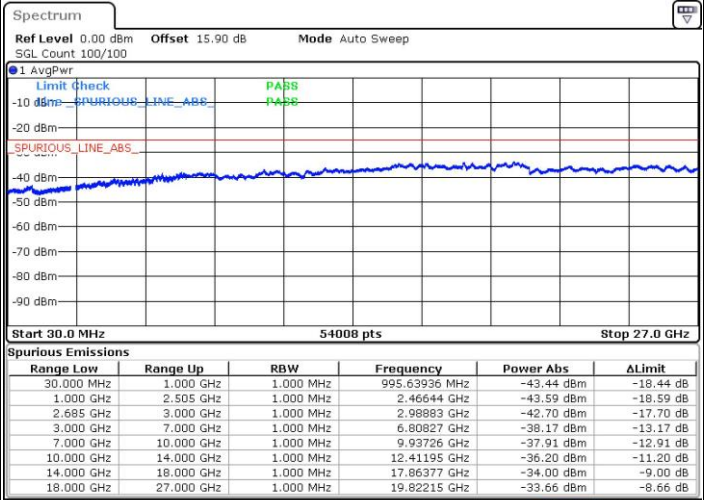
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 13.MAY.2019 00:55:44

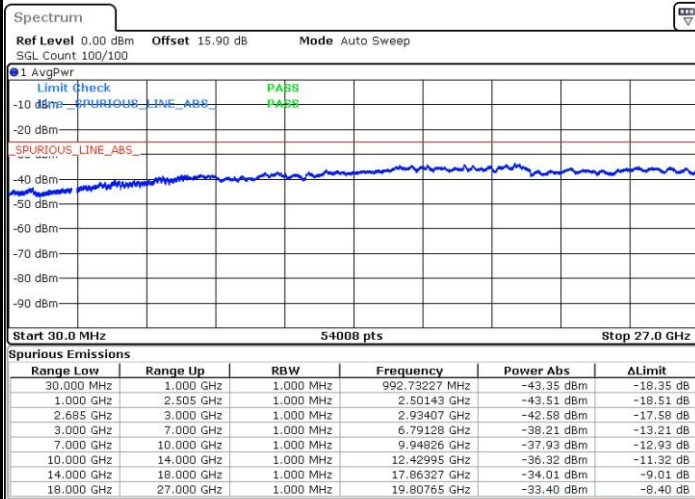
Highest Channel / 16QAM



Date: 13.MAY.2019 00:56:30

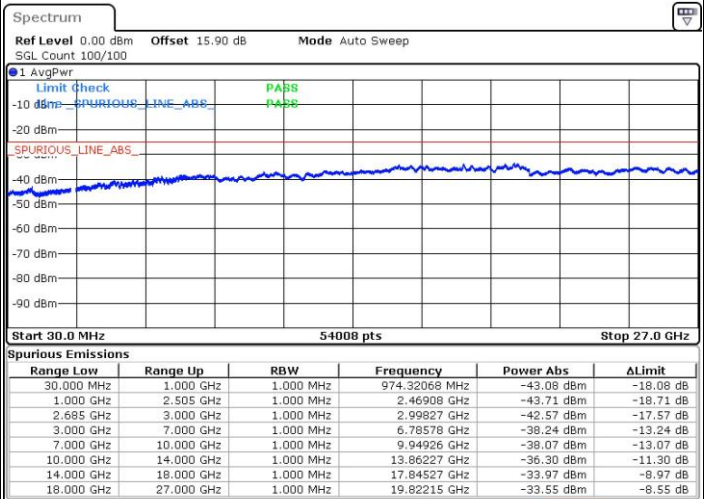
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 13.MAY.2019 00:59:59

Lowest Channel / 16QAM



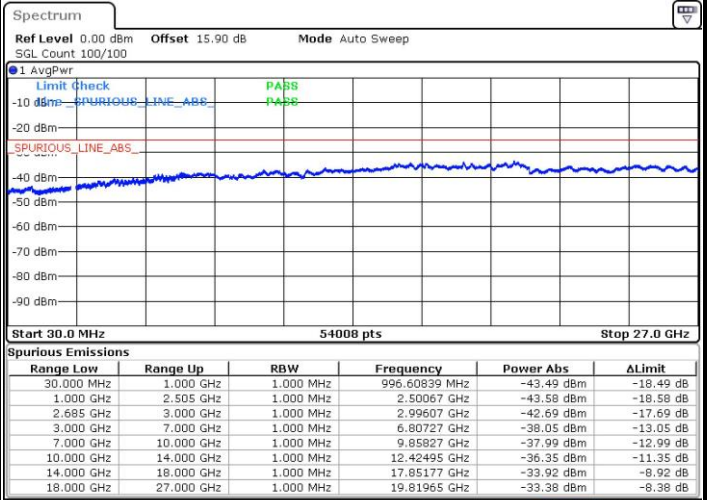
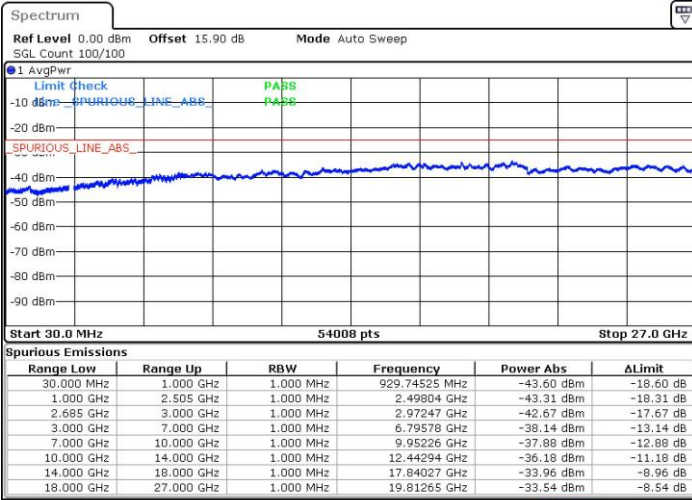
Date: 13.MAY.2019 01:00:45



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

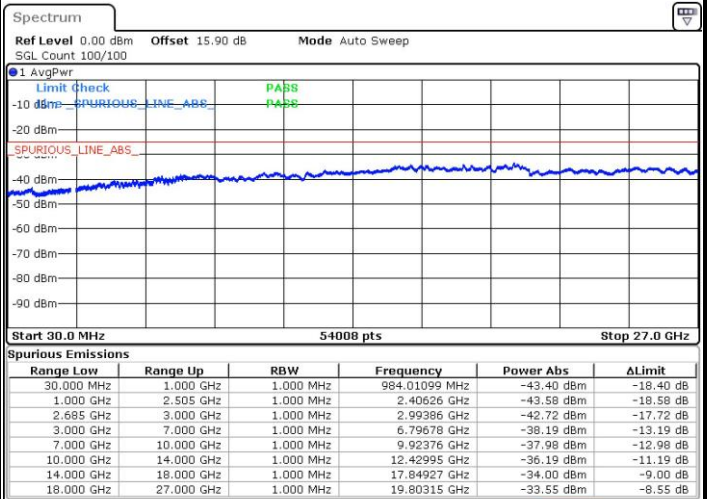
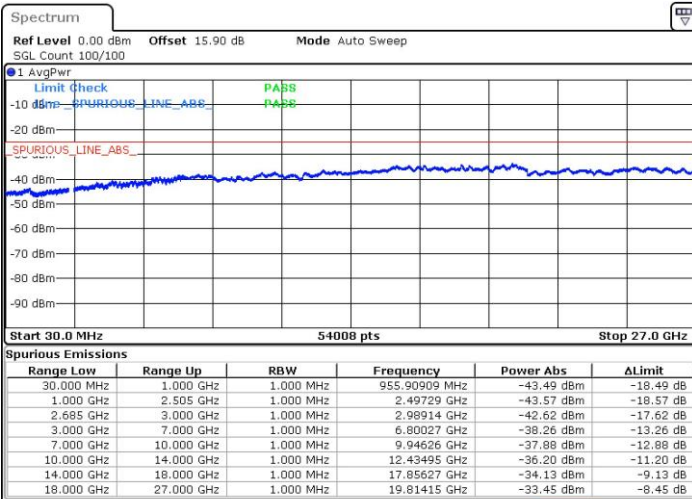


Date: 13.MAY.2019 01:01:31

Date: 13.MAY.2019 01:02:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.MAY.2019 01:05:46

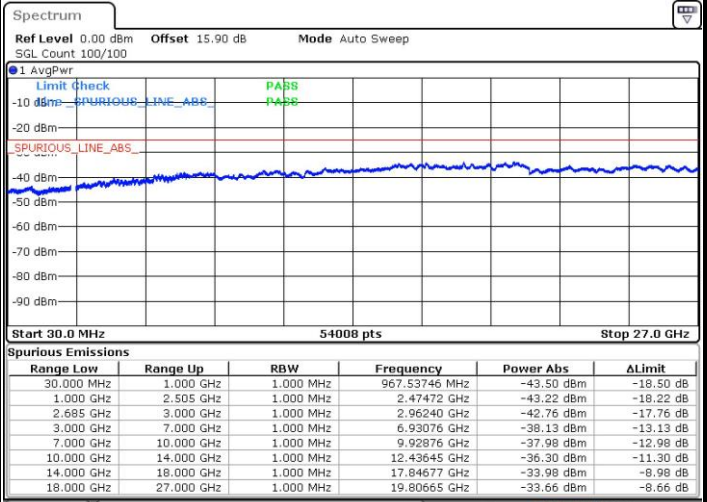
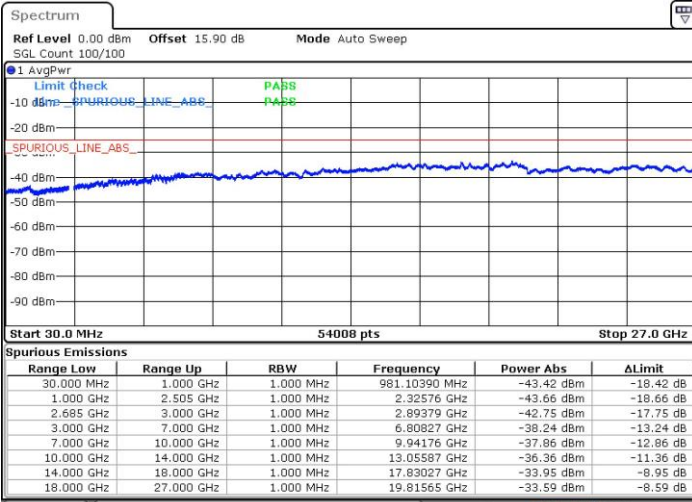
Date: 13.MAY.2019 01:06:33



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

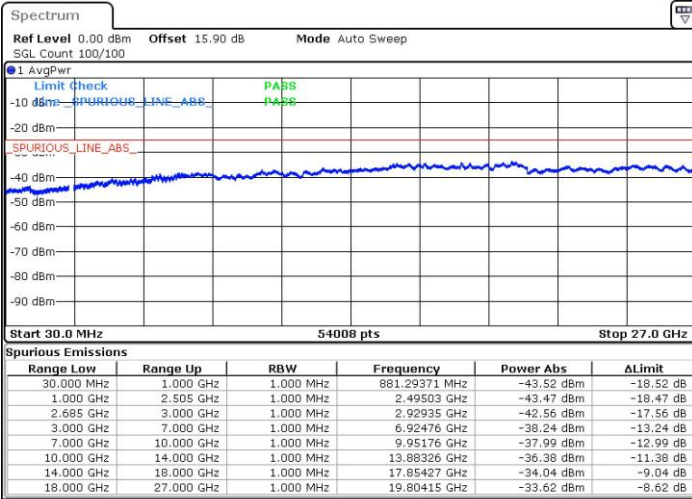
Middle Channel / 64QAM



Date: 13.MAY.2019 01:08:41

Date: 13.MAY.2019 01:09:27

Highest Channel / 64QAM



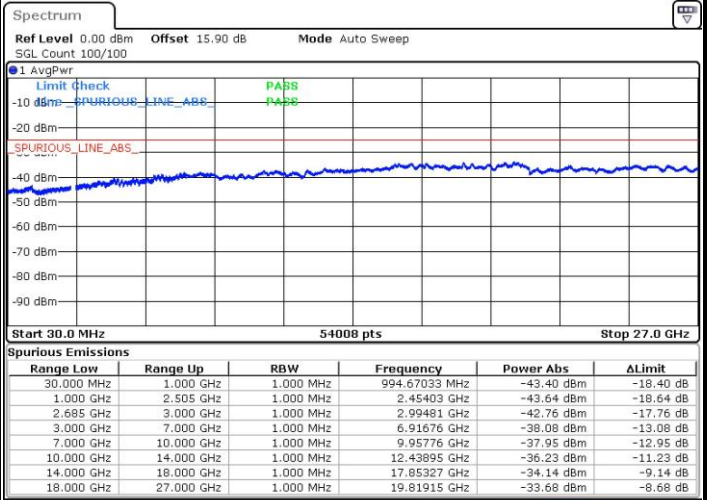
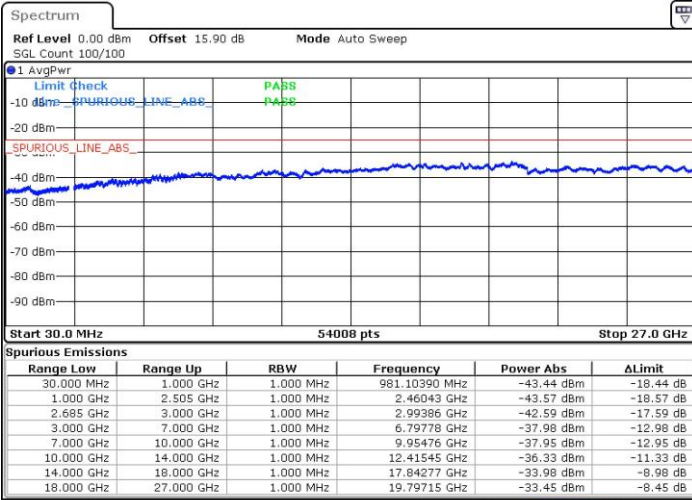
Date: 13.MAY.2019 01:11:35



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

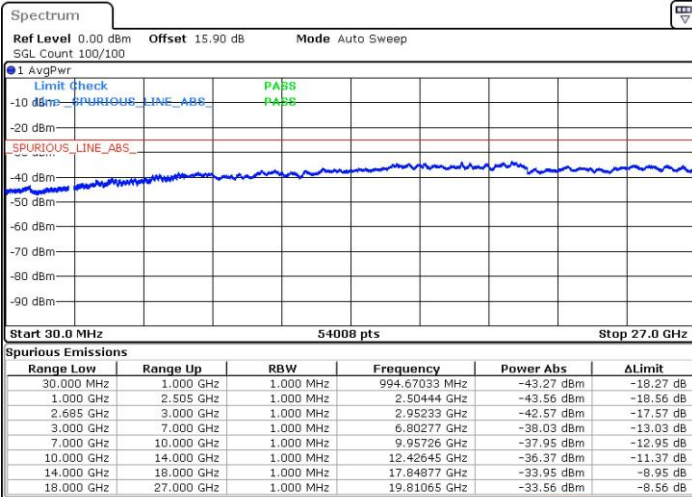
Middle Channel / 64QAM



Date: 13.MAY.2019 01:13:42

Date: 13.MAY.2019 01:14:29

Highest Channel / 64QAM



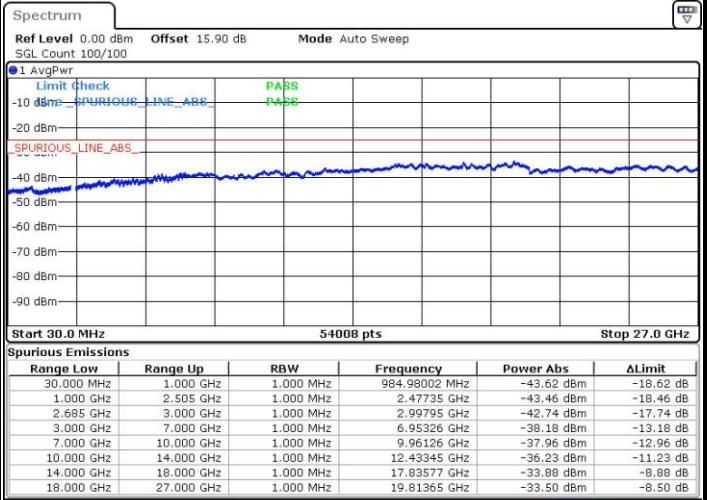
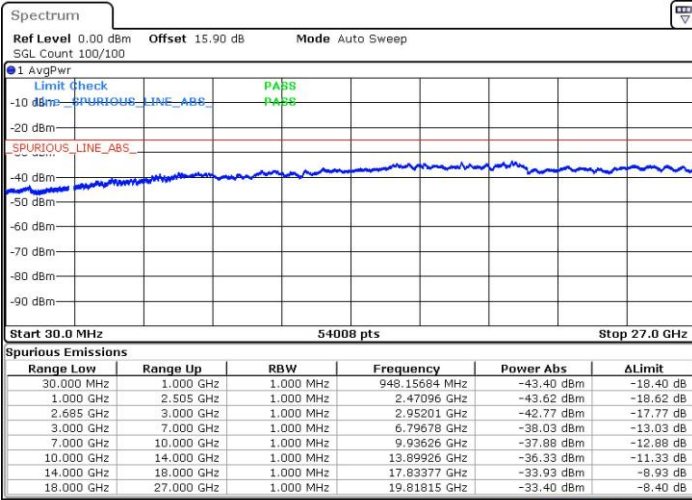
Date: 13.MAY.2019 01:16:36



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

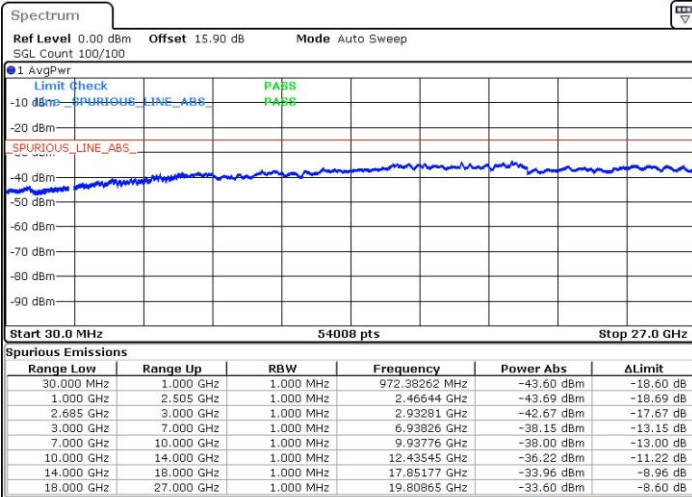
Middle Channel / 64QAM



Date: 13.MAY.2019 01:18:44

Date: 13.MAY.2019 01:19:30

Highest Channel / 64QAM



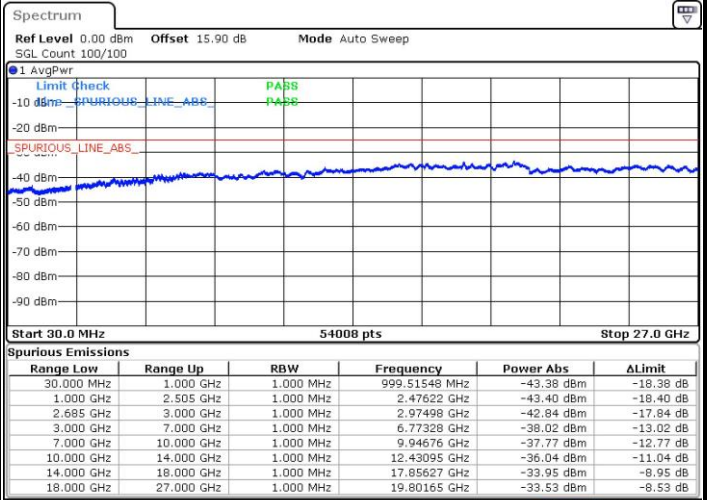
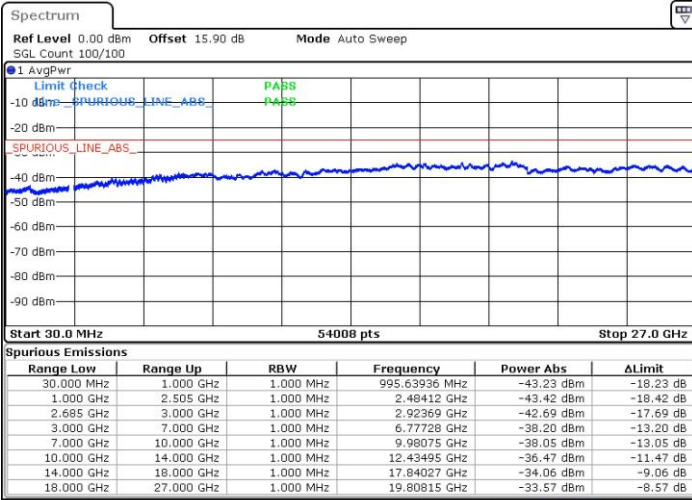
Date: 13.MAY.2019 01:21:37



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

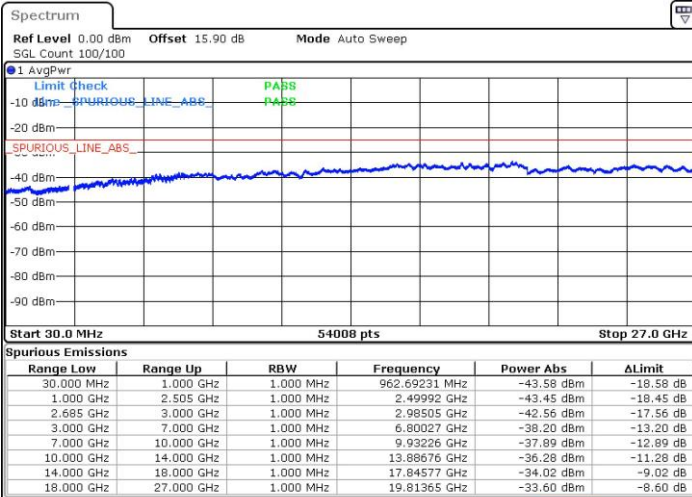
Middle Channel / 64QAM



Date: 13.MAY.2019 01:23:45

Date: 13.MAY.2019 01:24:32

Highest Channel / 64QAM



Date: 13.MAY.2019 01:26:39



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0064	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0070	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

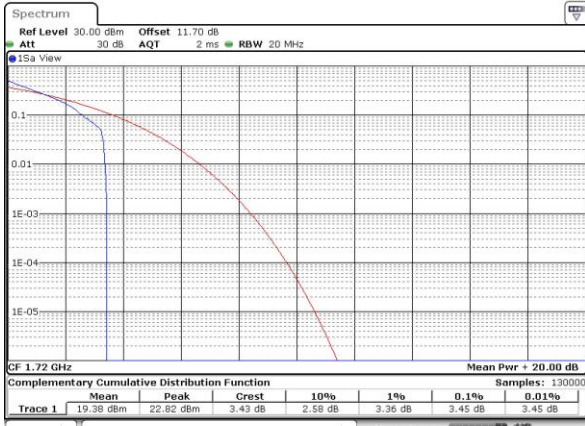
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.7	4.84	6	PASS
Middle CH	3.65	4.61	5.51	6	
Highest CH	3.13	4.38	4.93	5.74	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.20	6.64	-	-	PASS
Middle CH	6.41	6.64	-	-	
Highest CH	5.83	6.32	-	-	



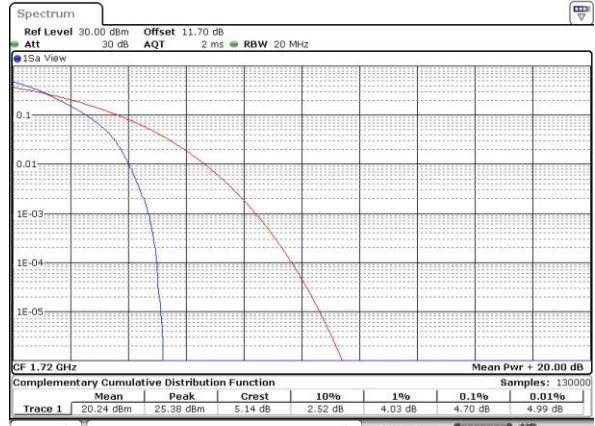
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 13 MAY 2019 11:55:15

Lowest Channel / Full RB



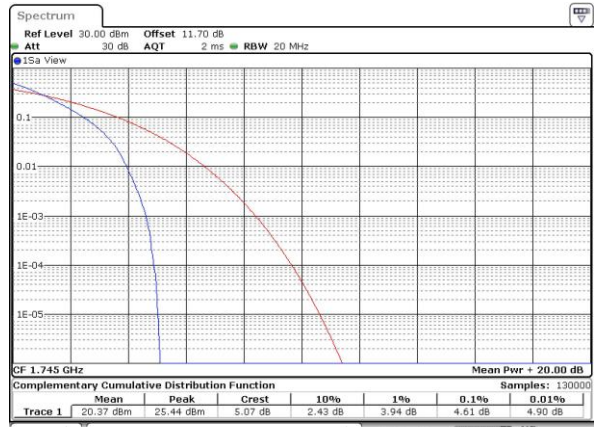
Date: 13 MAY 2019 11:55:27

Middle Channel / 1RB



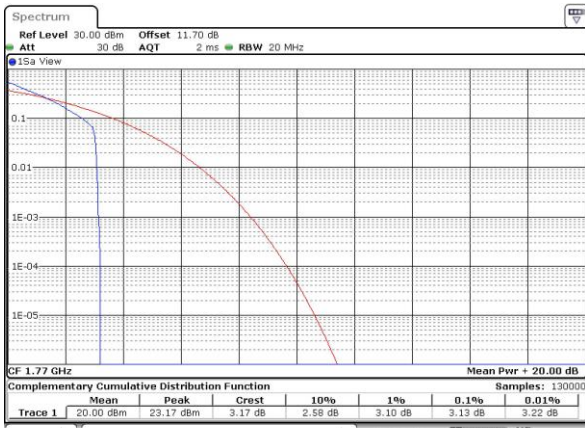
Date: 13 MAY 2019 11:55:42

Middle Channel / Full RB



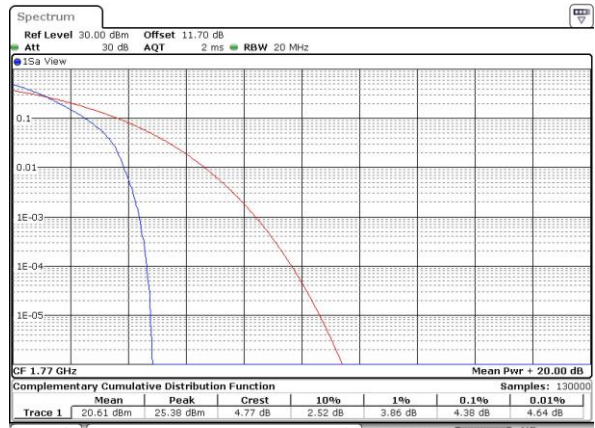
Date: 13 MAY 2019 11:55:54

Highest Channel / 1RB



Date: 13 MAY 2019 11:56:07

Highest Channel / Full RB



Date: 13 MAY 2019 11:56:19