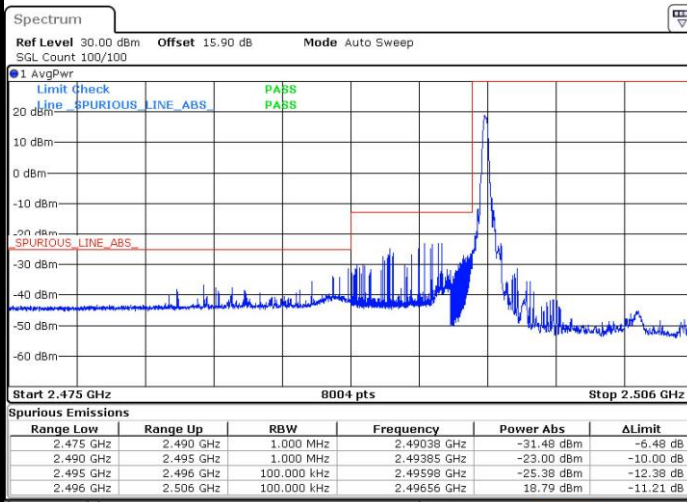




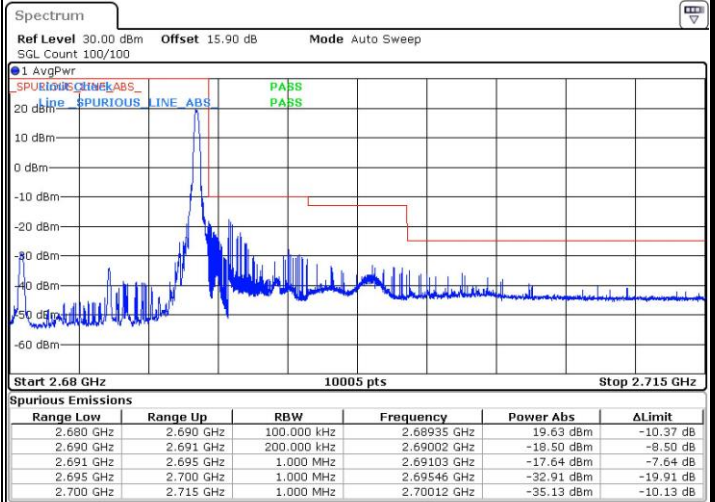
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



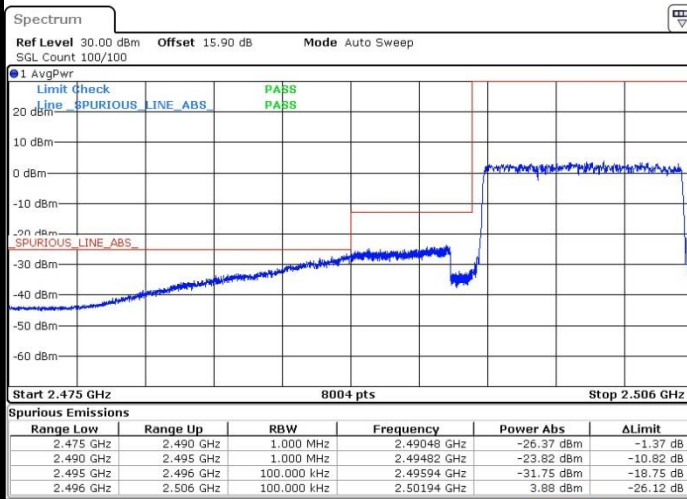
Date: 18 JUN 2019 16:30:07

Highest Band Edge / 1 RB



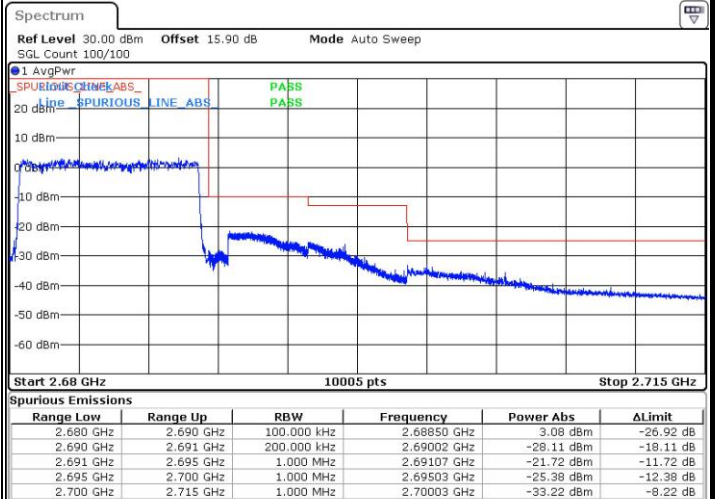
Date: 18 JUN 2019 16:32:13

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:56:46

Highest Band Edge / Full RB

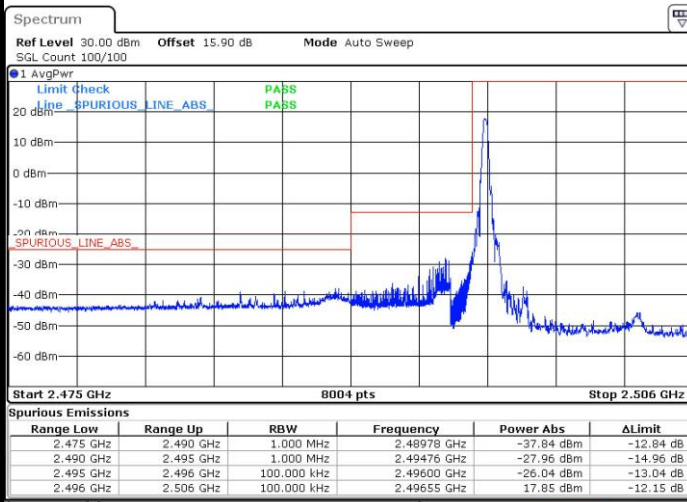


Date: 18 JUN 2019 16:33:16



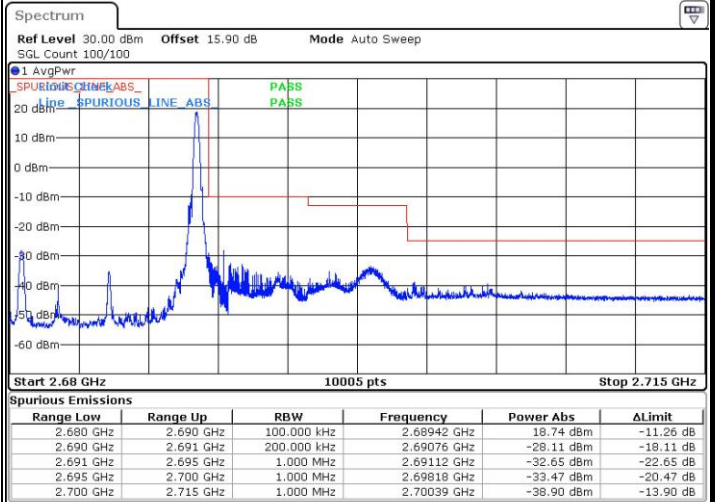
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



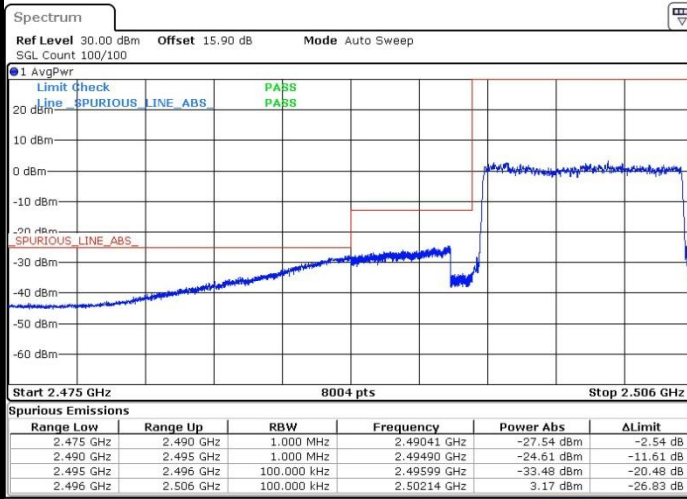
Date: 18 JUN 2019 16:44:25

Highest Band Edge / 1 RB



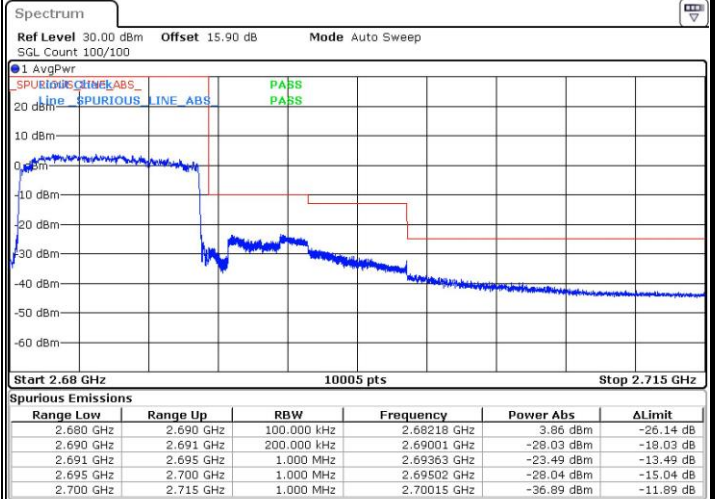
Date: 18 JUN 2019 16:45:28

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:57:41

Highest Band Edge / Full RB

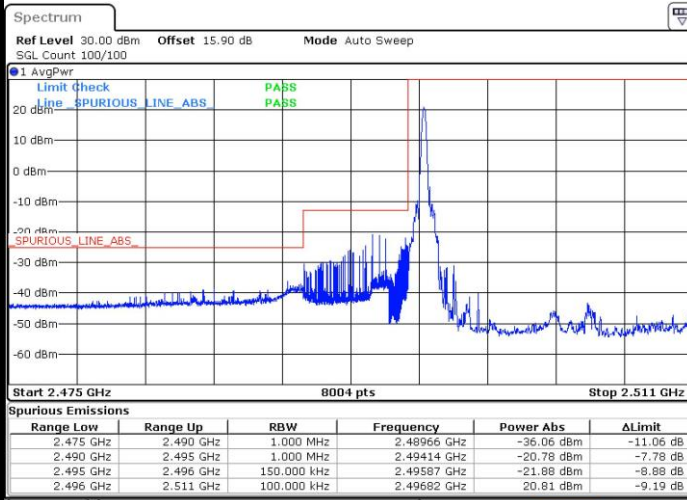


Date: 18 JUN 2019 16:45:59



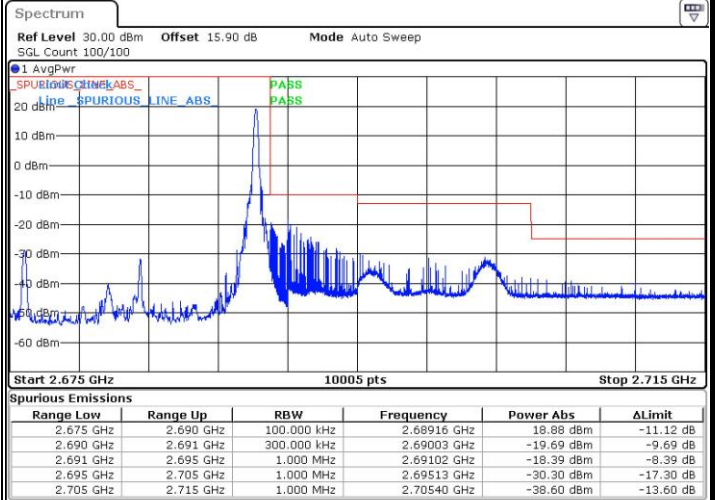
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



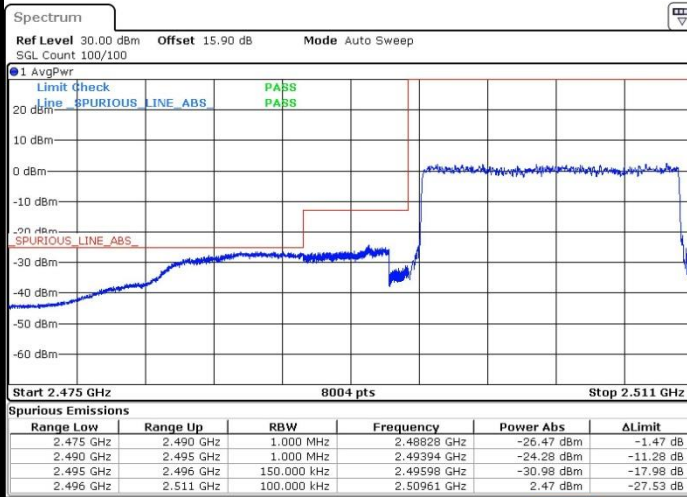
Date: 18 JUN 2019 16:33:49

Highest Band Edge / 1 RB



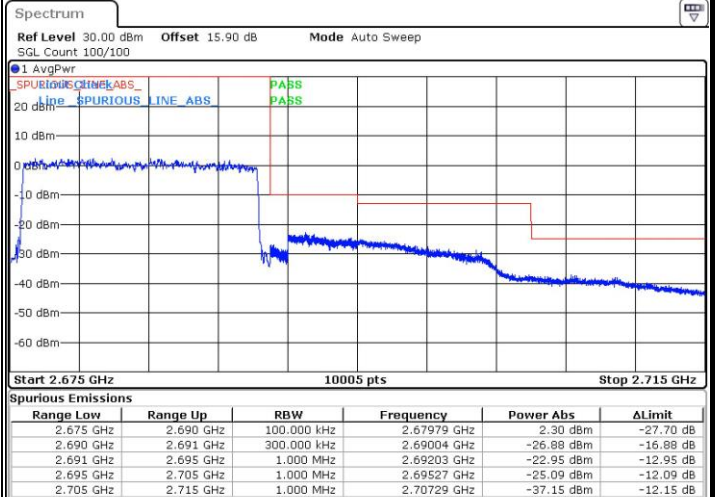
Date: 18 JUN 2019 16:35:56

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:54:13

Highest Band Edge / Full RB

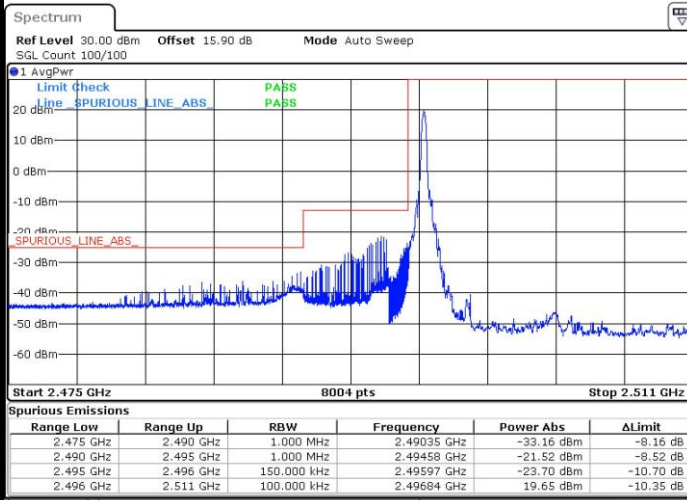


Date: 18 JUN 2019 16:36:59



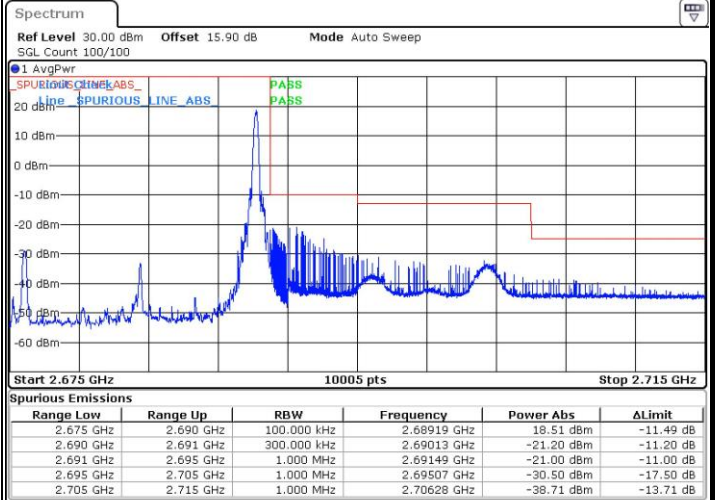
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



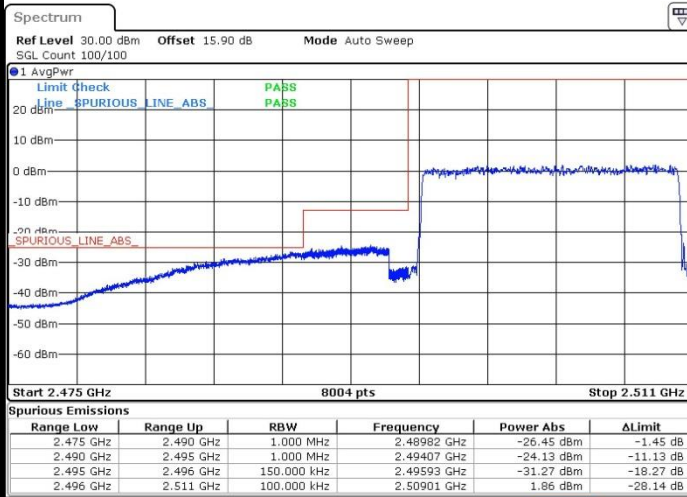
Date: 18 JUN 2019 16:34:21

Highest Band Edge / 1 RB



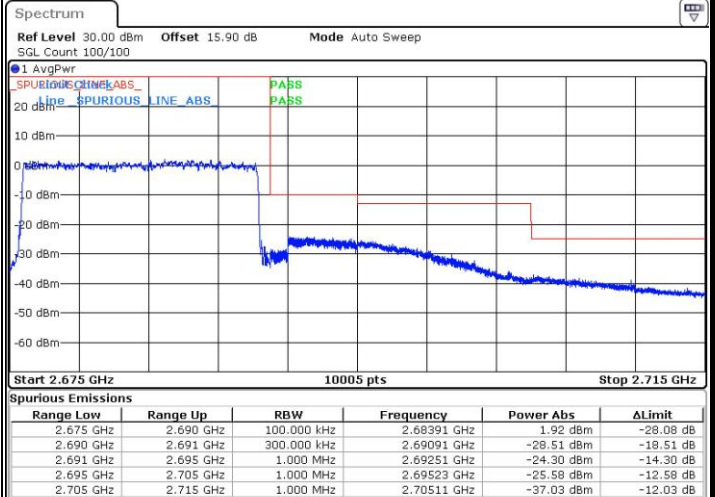
Date: 18 JUN 2019 16:36:27

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:54:47

Highest Band Edge / Full RB

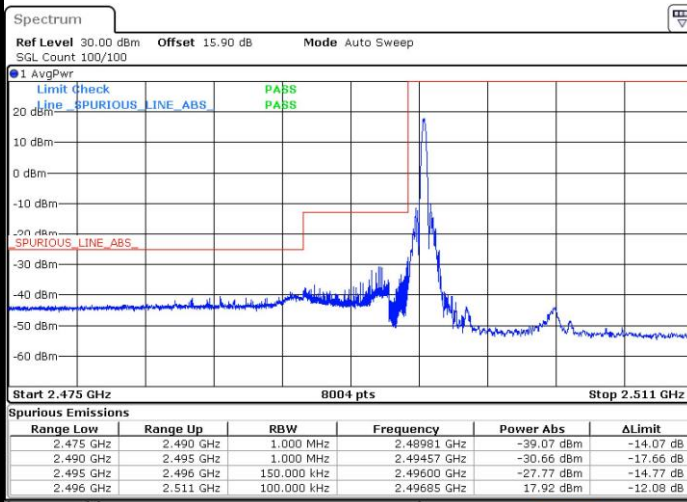


Date: 18 JUN 2019 16:37:30



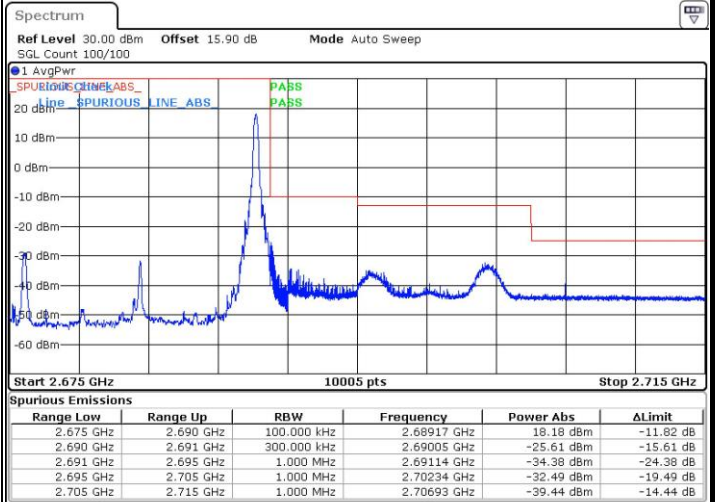
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



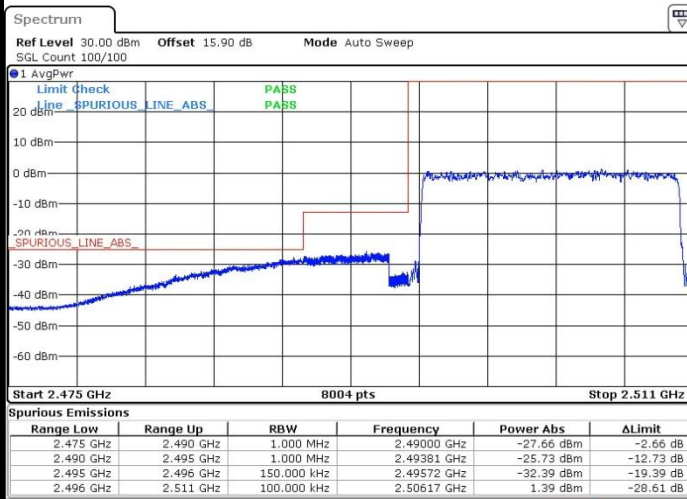
Date: 18 JUN 2019 16:46:32

Highest Band Edge / 1 RB



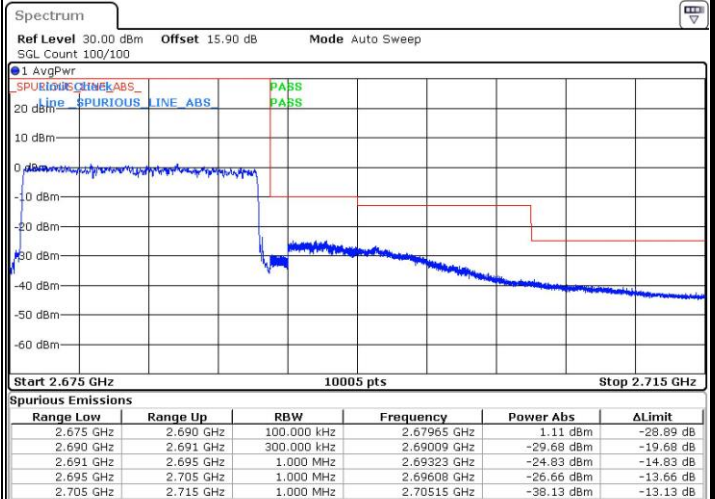
Date: 18 JUN 2019 16:47:35

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:53:46

Highest Band Edge / Full RB

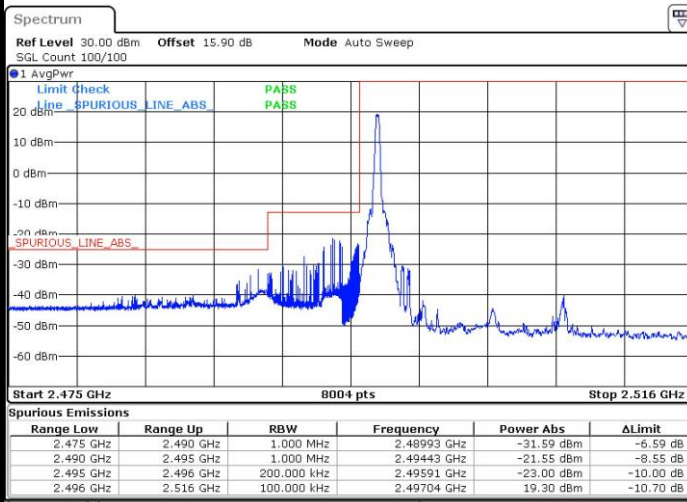


Date: 18 JUN 2019 16:48:07



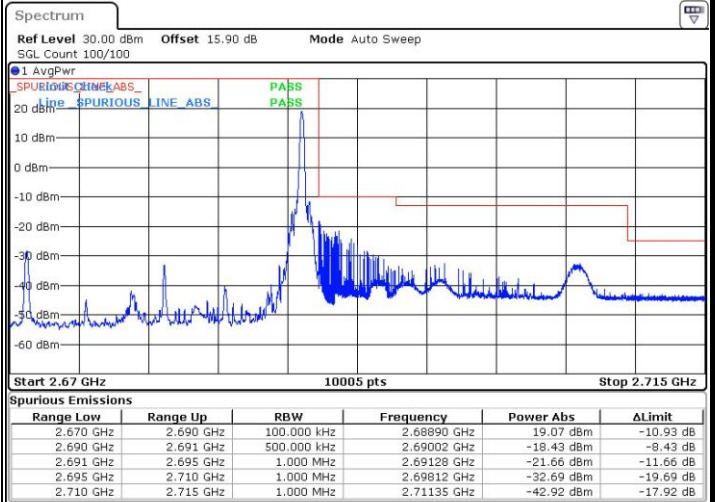
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



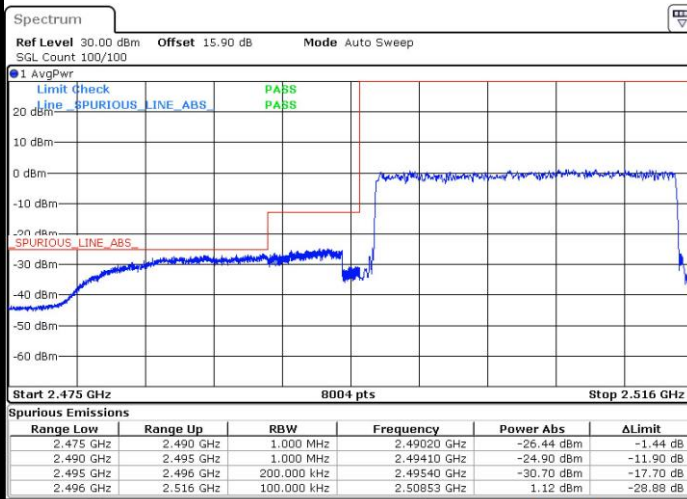
Date: 18 JUN 2019 16:38:03

Highest Band Edge / 1 RB



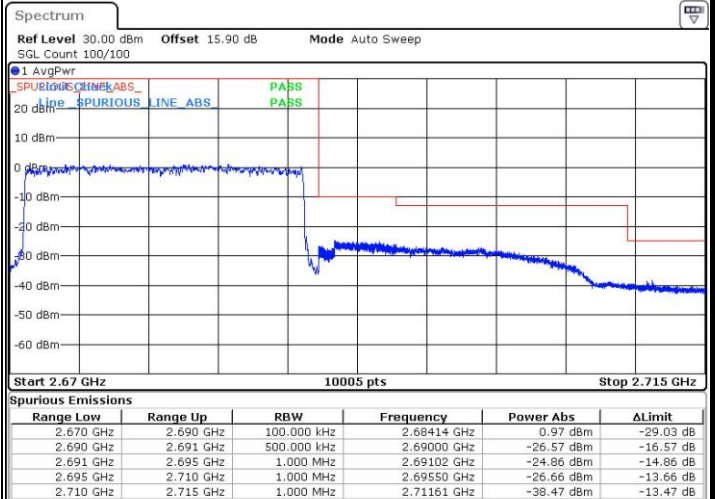
Date: 18 JUN 2019 16:40:10

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:39:07

Highest Band Edge / Full RB

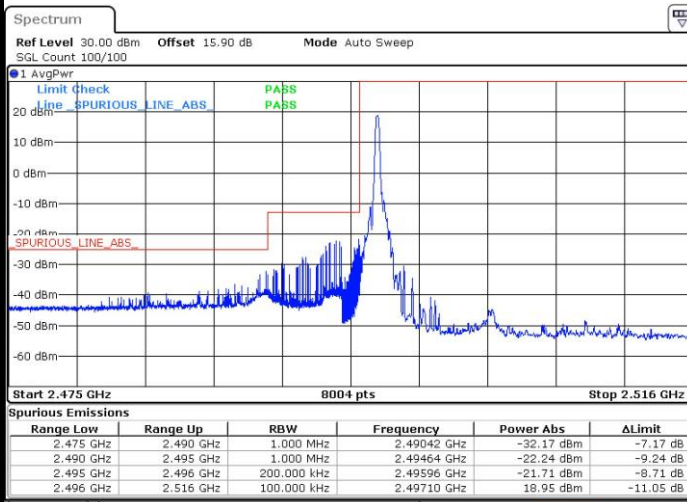


Date: 18 JUN 2019 16:41:44



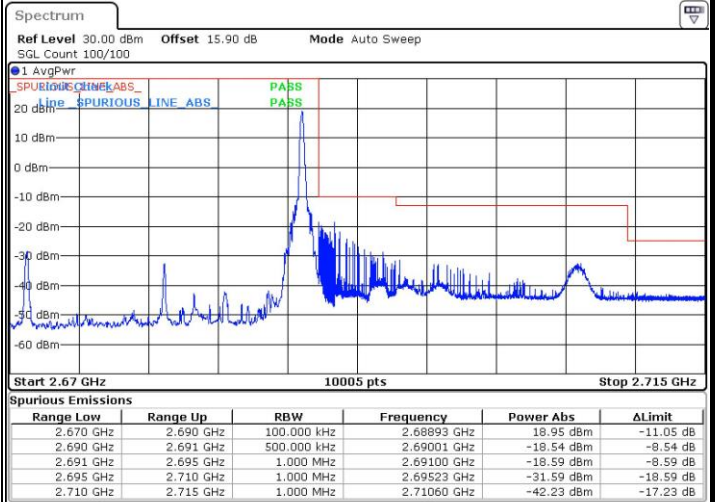
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



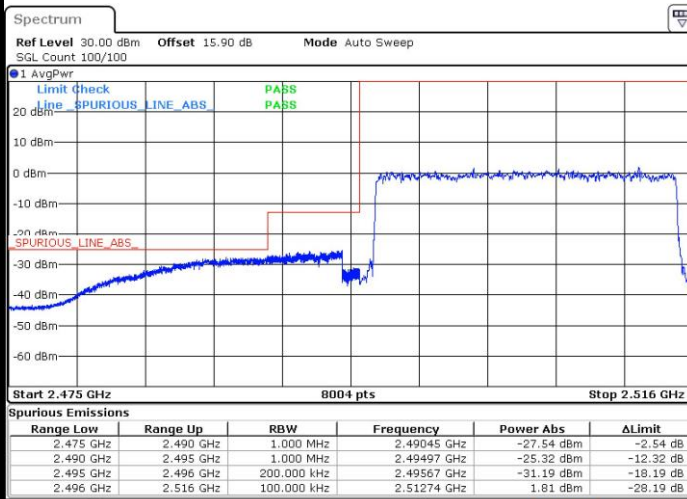
Date: 18 JUN 2019 16:38:35

Highest Band Edge / 1 RB



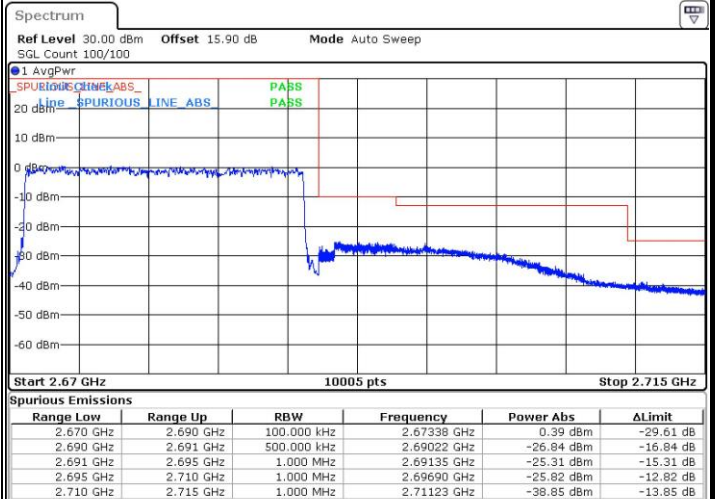
Date: 18 JUN 2019 16:40:41

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:39:38

Highest Band Edge / Full RB

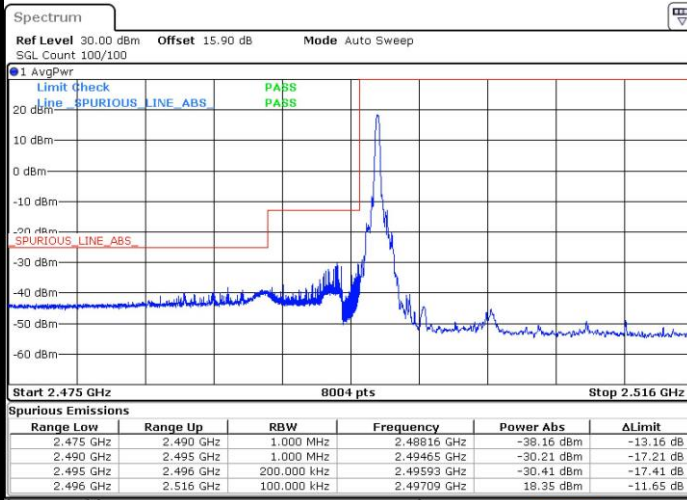


Date: 18 JUN 2019 16:52:26



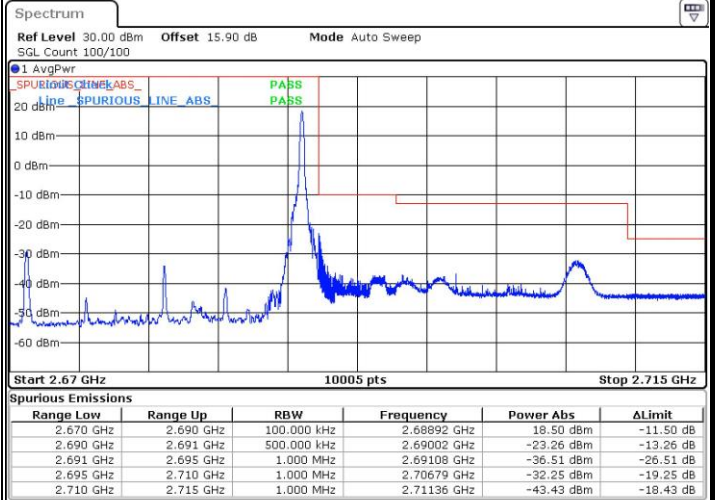
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



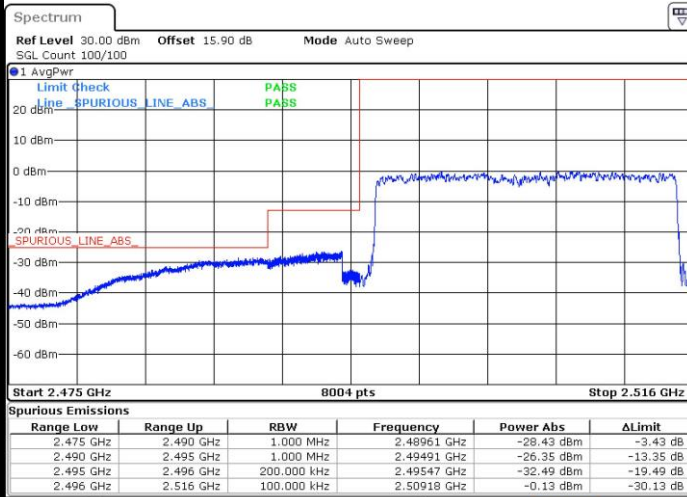
Date: 18 JUN 2019 16:48:40

Highest Band Edge / 1 RB



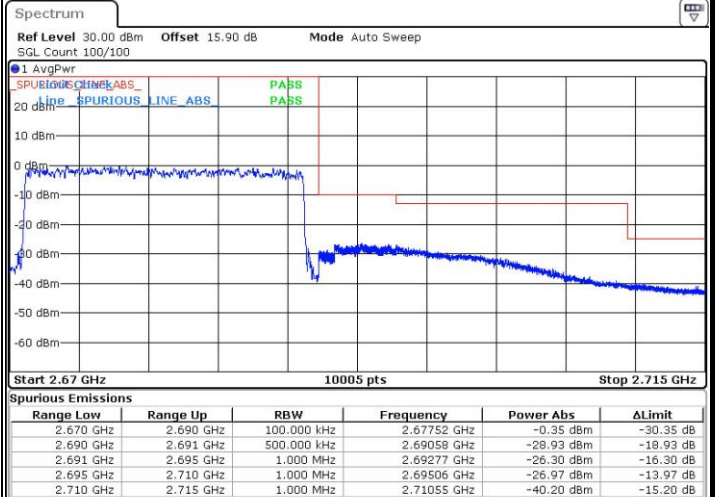
Date: 18 JUN 2019 16:49:43

Lowest Band Edge / Full RB



Date: 18 JUN 2019 16:49:12

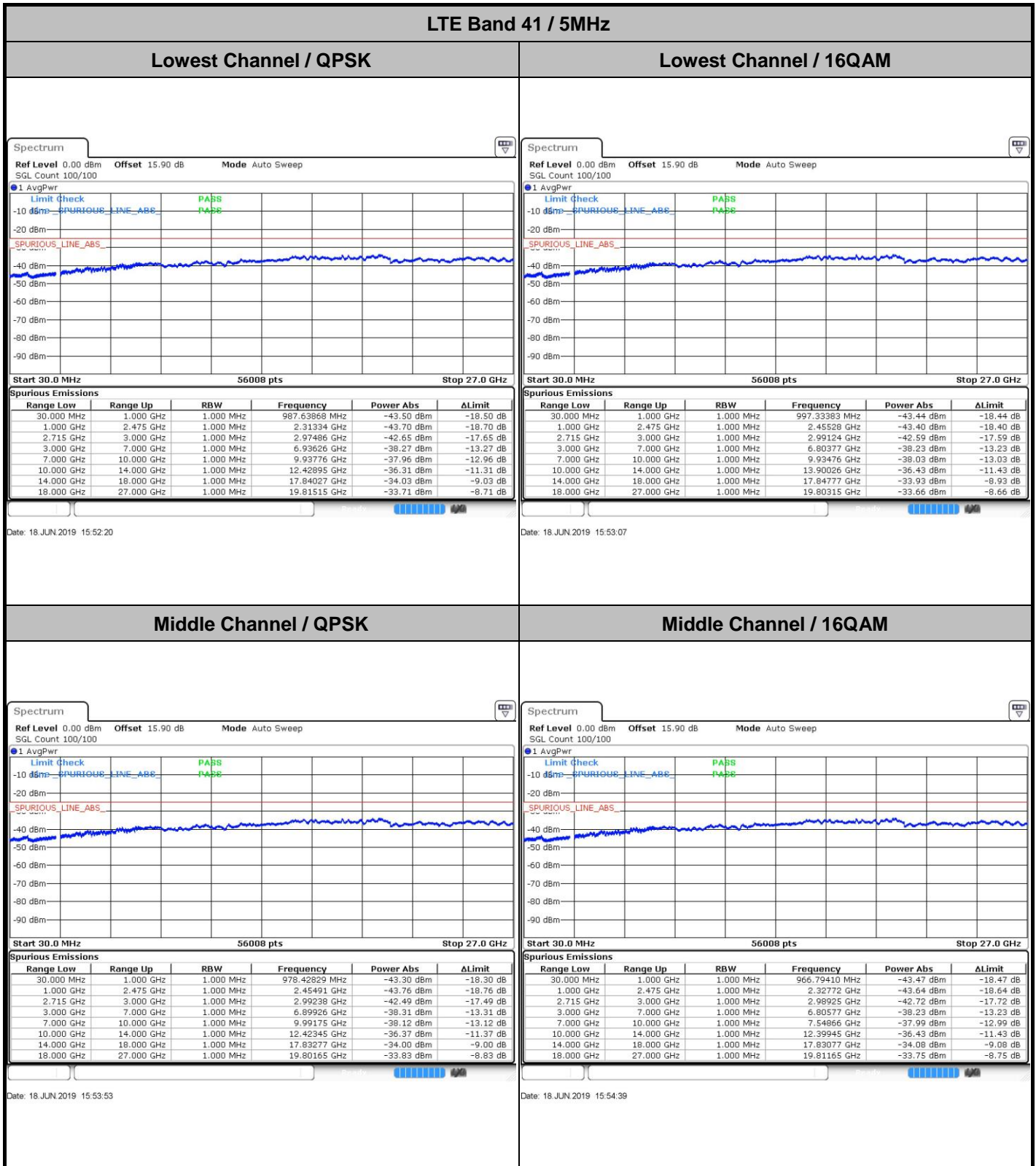
Highest Band Edge / Full RB



Date: 18 JUN 2019 16:50:16



Conducted Spurious Emission

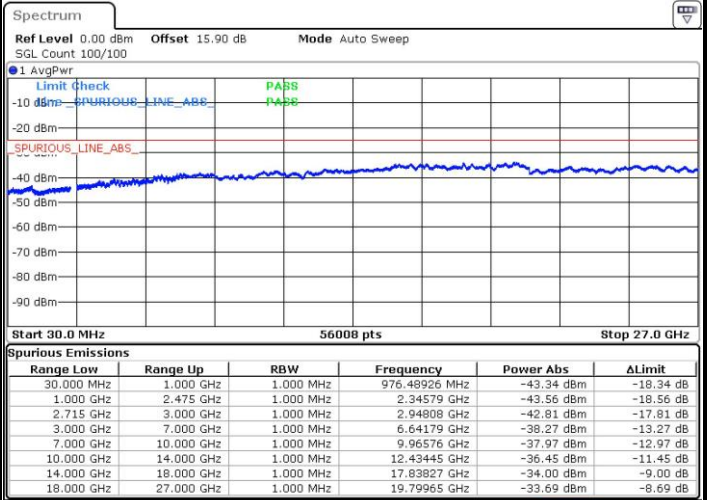
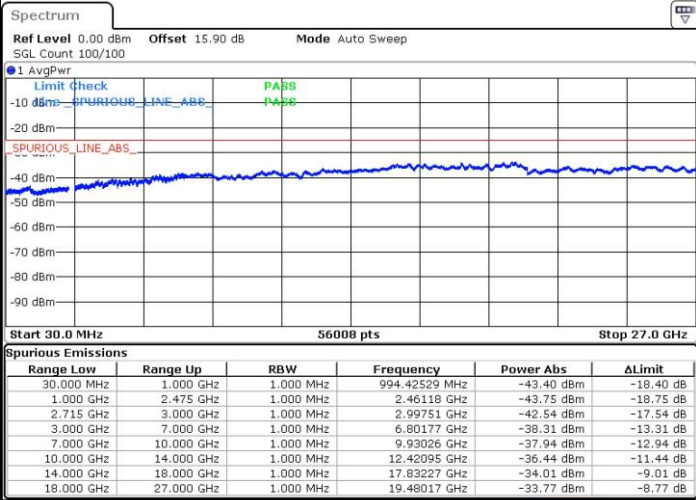




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



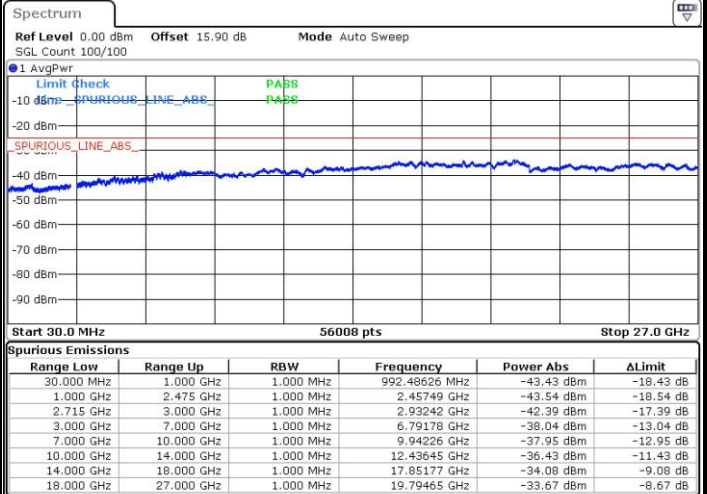
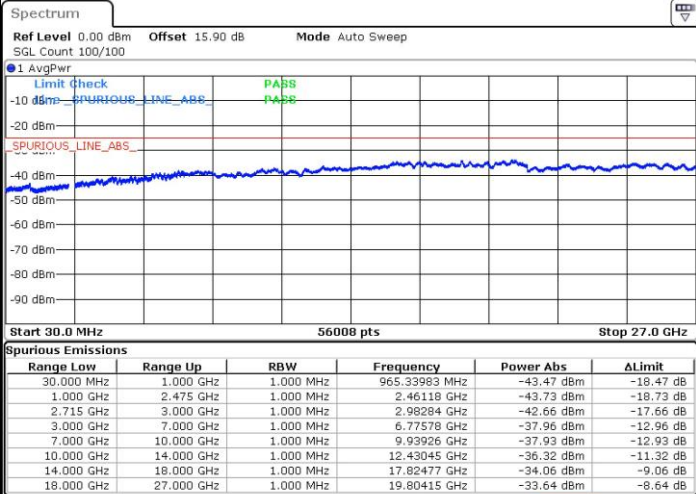
Date: 18 JUN 2019 15:55:26

Date: 18 JUN 2019 15:56:12

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 JUN 2019 15:57:00

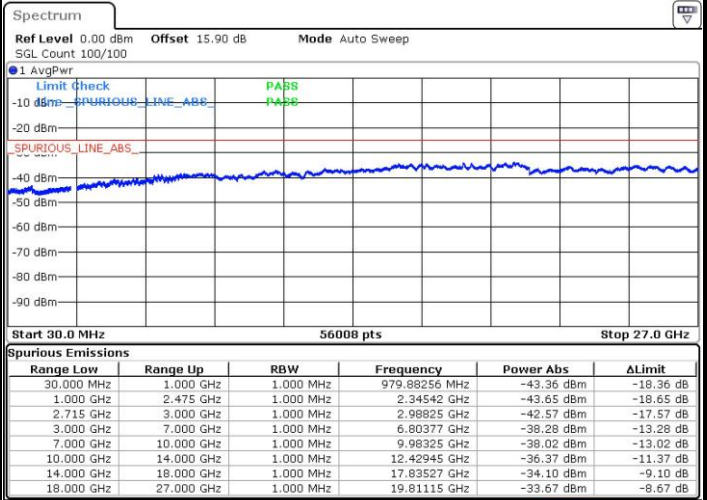
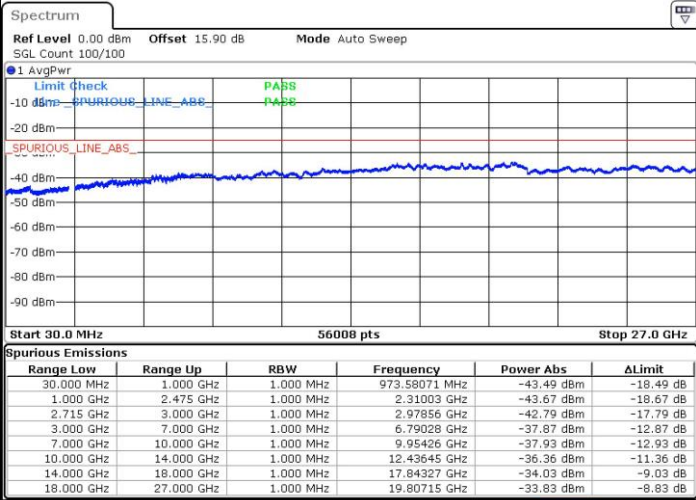
Date: 18 JUN 2019 15:57:47



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

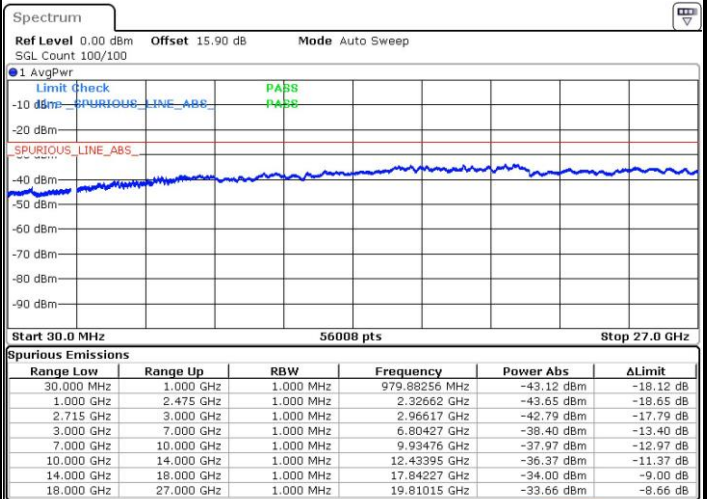
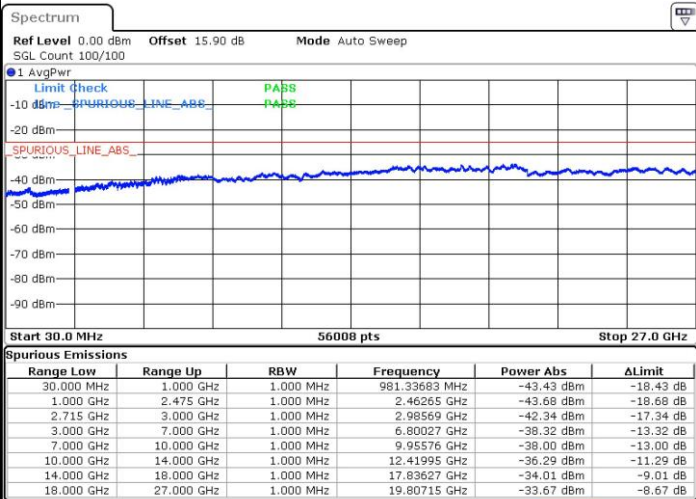


Date: 18 JUN 2019 15:58:33

Date: 18 JUN 2019 15:59:19

Highest Channel / QPSK

Highest Channel / 16QAM



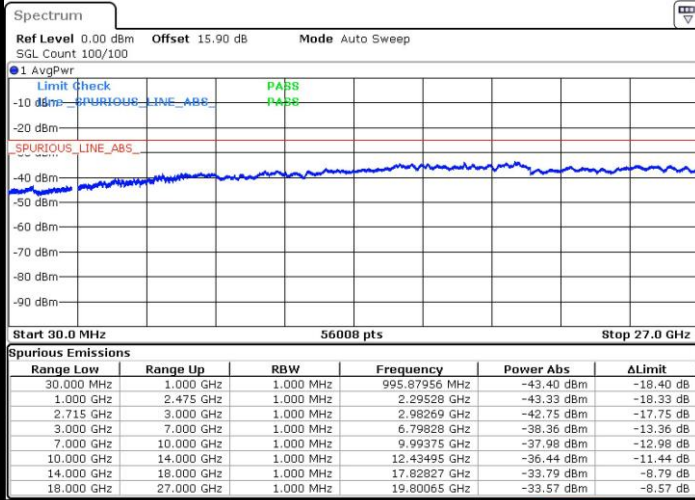
Date: 18 JUN 2019 16:00:05

Date: 18 JUN 2019 16:00:52



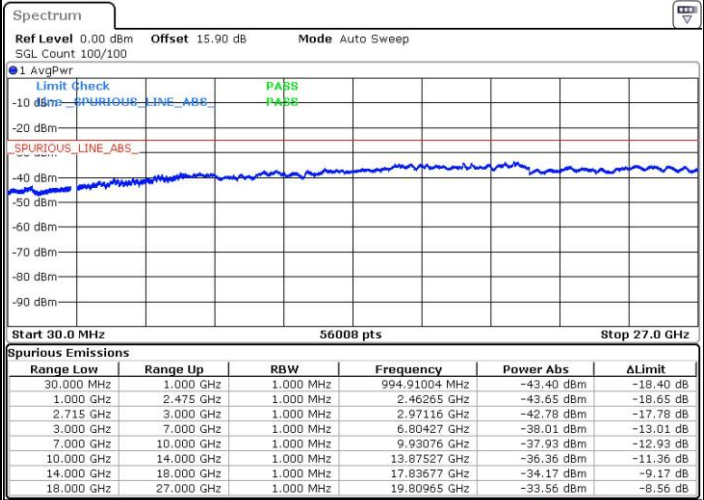
LTE Band 41 / 15MHz

Lowest Channel / QPSK



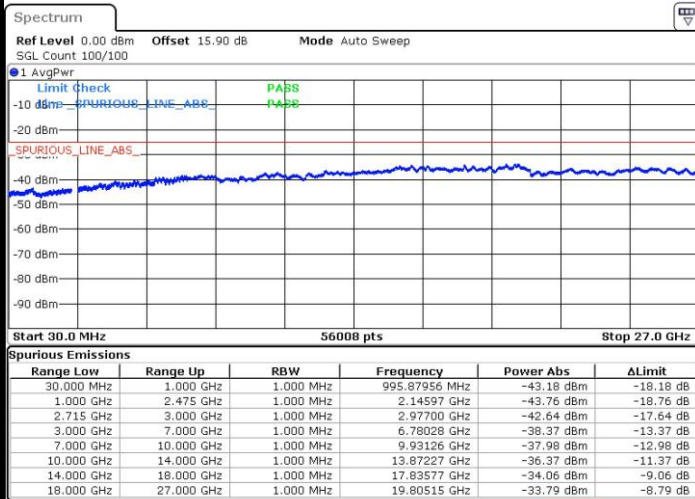
Date: 18 JUN 2019 16:01:42

Lowest Channel / 16QAM



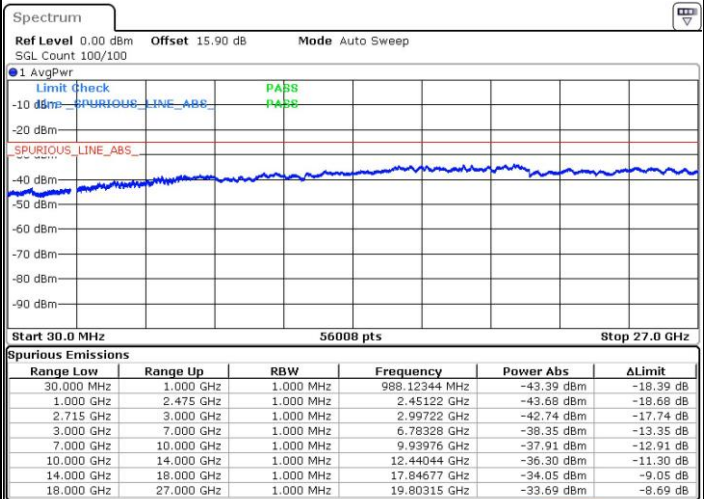
Date: 18 JUN 2019 16:02:28

Middle Channel / QPSK



Date: 18 JUN 2019 16:03:15

Middle Channel / 16QAM



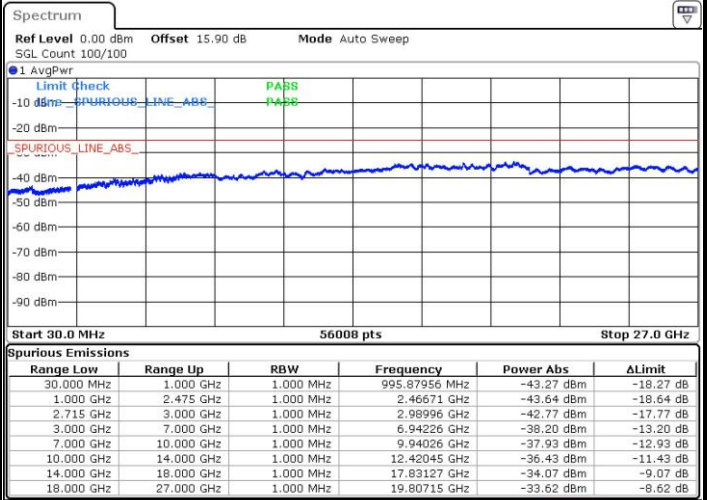
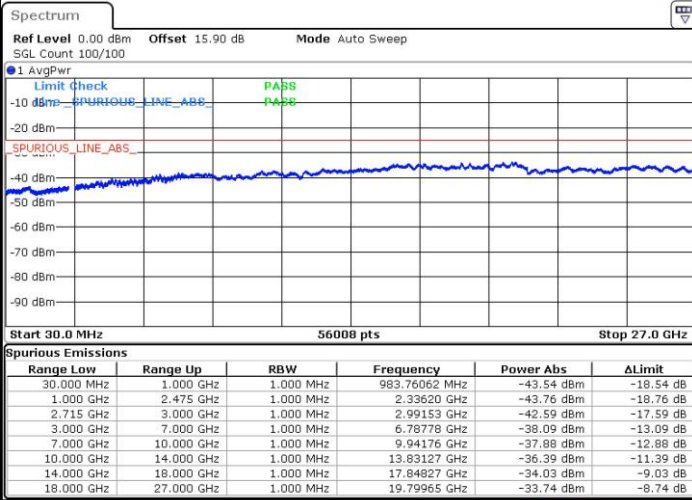
Date: 18 JUN 2019 16:04:01



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



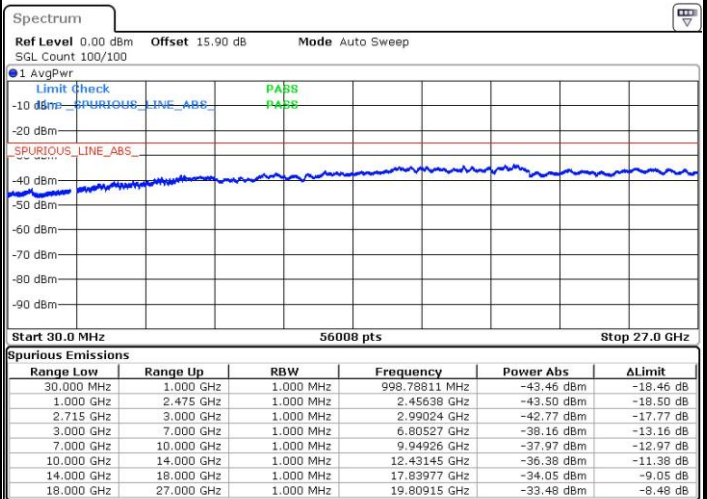
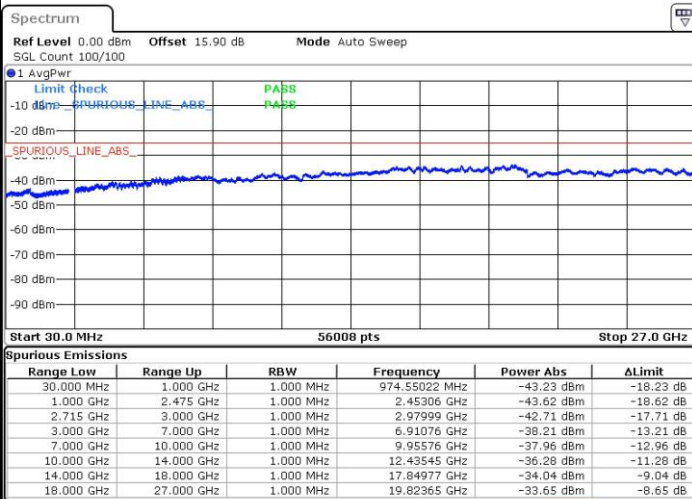
Date: 18 JUN 2019 16:04:48

Date: 18 JUN 2019 16:05:34

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 JUN 2019 16:06:22

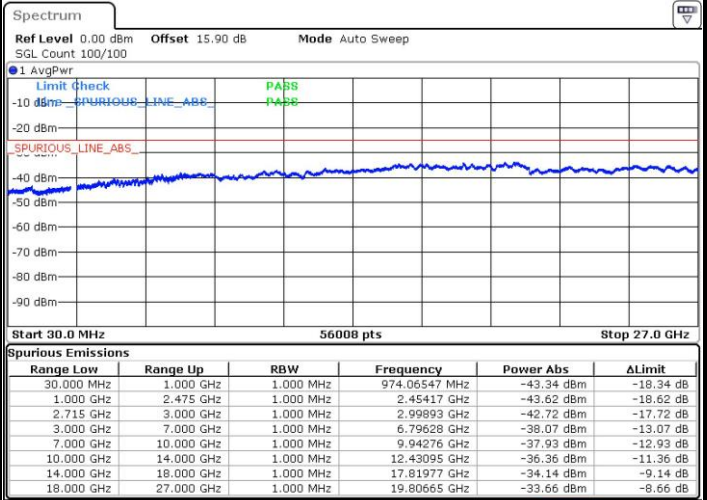
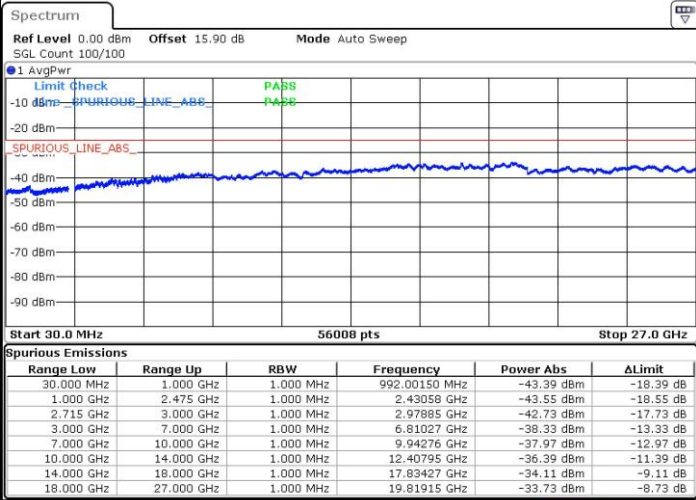
Date: 18 JUN 2019 16:08:34



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

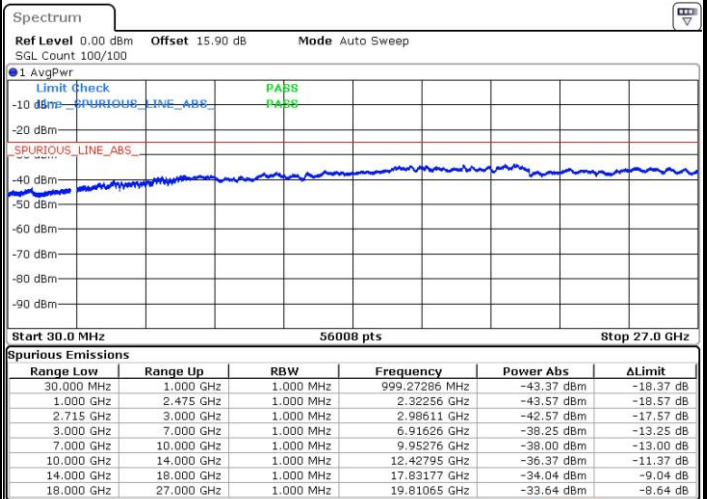
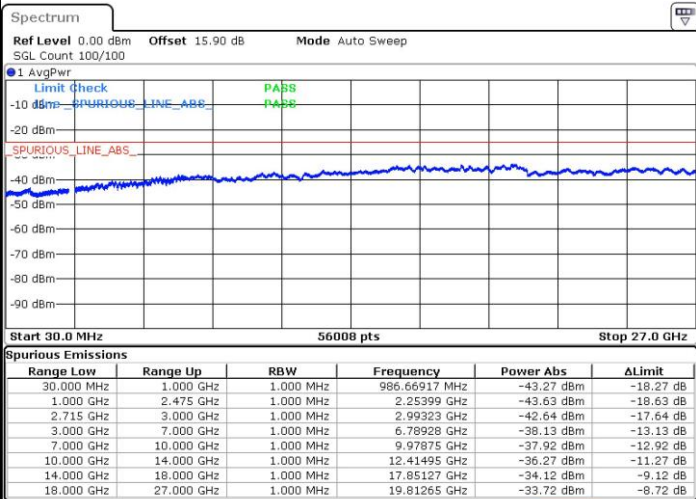


Date: 18 JUN 2019 16:09:20

Date: 18 JUN 2019 16:10:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 JUN 2019 16:10:52

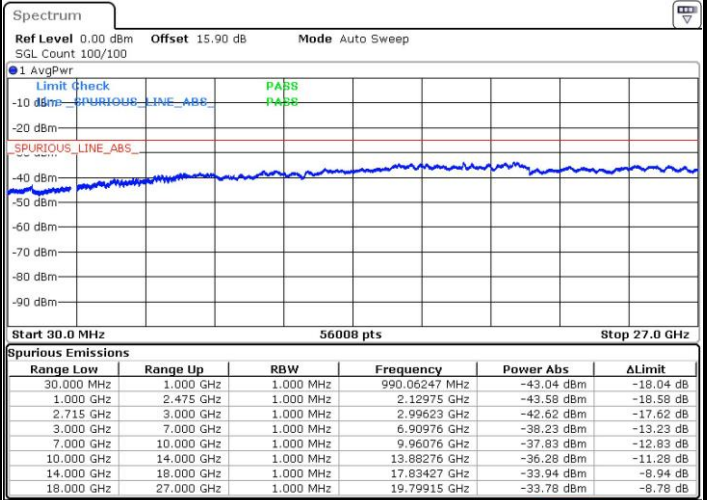
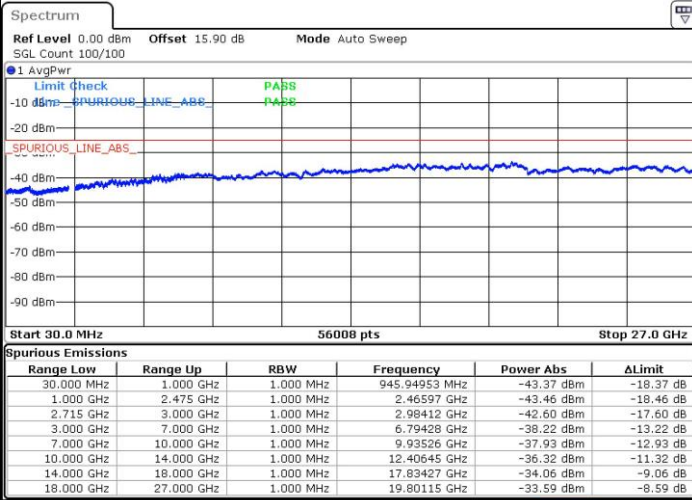
Date: 18 JUN 2019 16:11:39



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

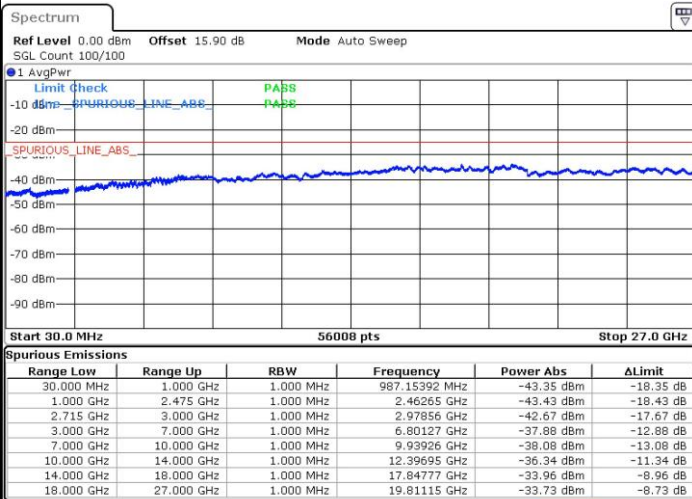
Middle Channel / 64QAM



Date: 18 JUN 2019 15:42:59

Date: 18 JUN 2019 15:43:45

Highest Channel / 64QAM



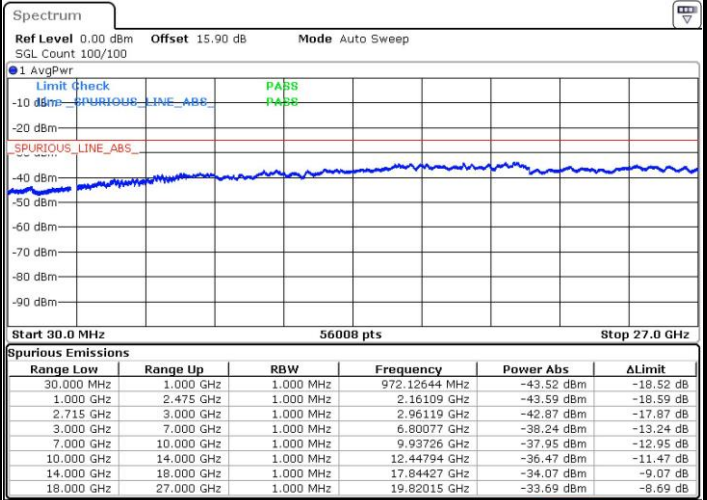
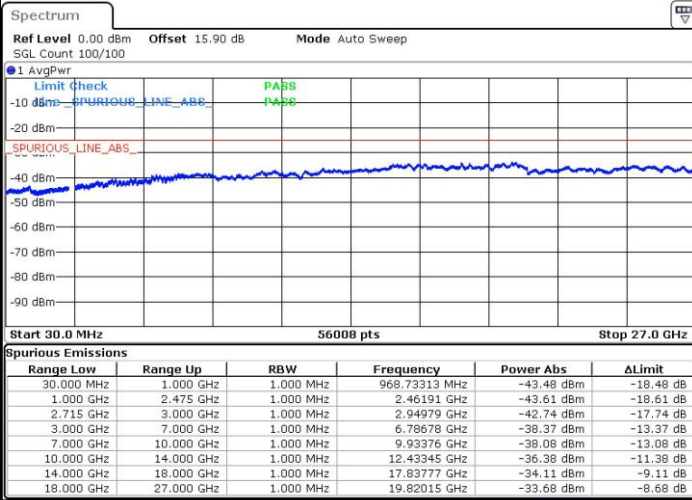
Date: 18 JUN 2019 15:44:31



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

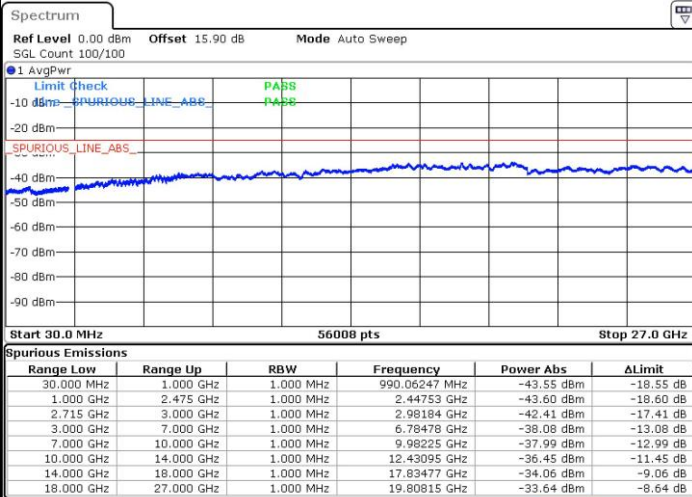
Middle Channel / 64QAM



Date: 18 JUN 2019 15:45:19

Date: 18 JUN 2019 15:46:05

Highest Channel / 64QAM



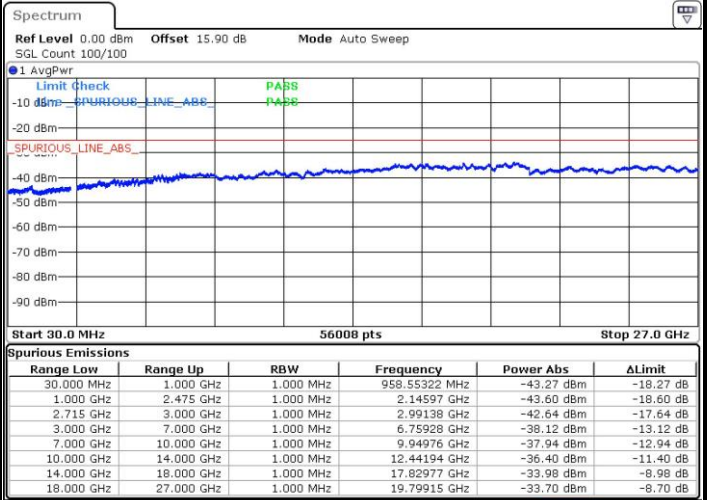
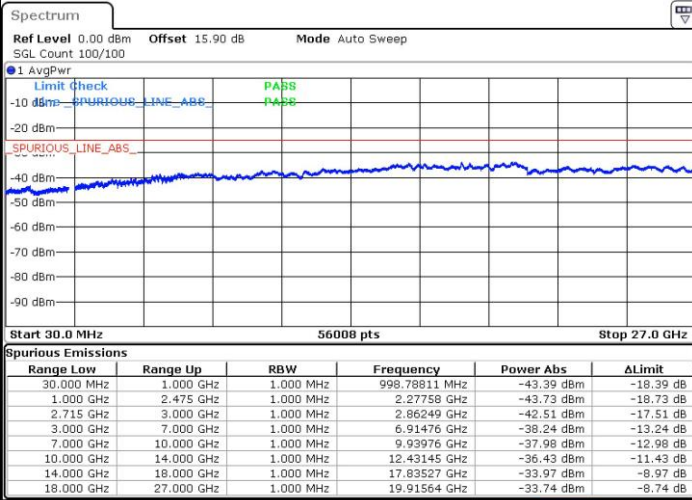
Date: 18 JUN 2019 15:46:51



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

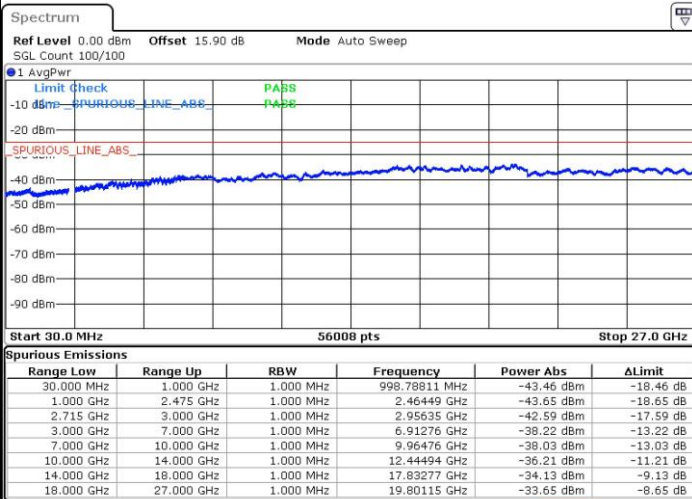
Middle Channel / 64QAM



Date: 18 JUN 2019 15:47:40

Date: 18 JUN 2019 15:48:26

Highest Channel / 64QAM



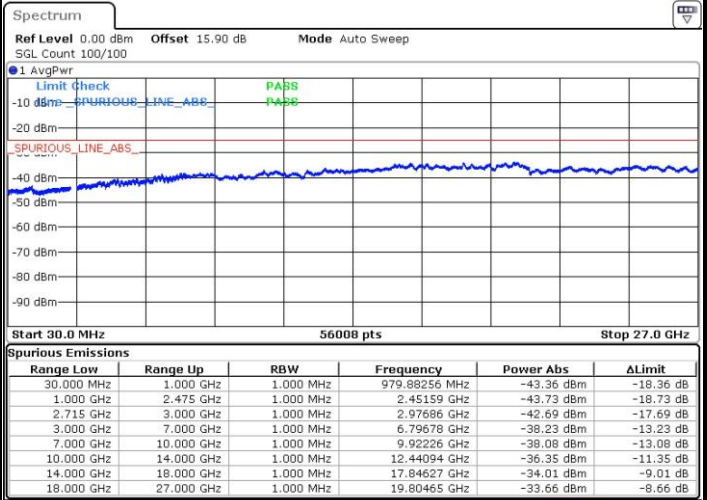
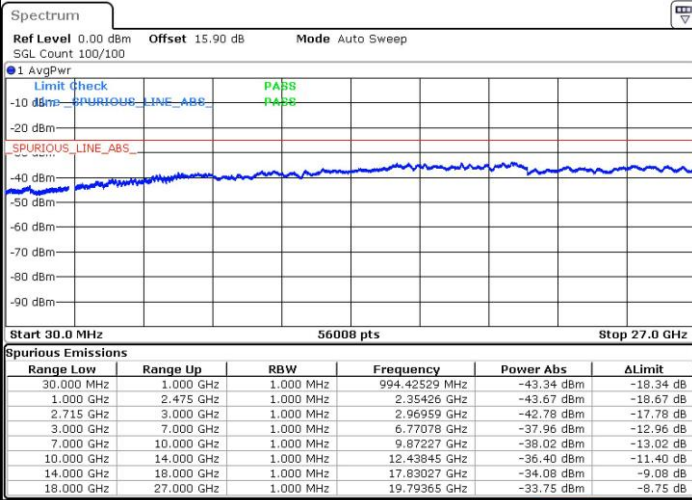
Date: 18 JUN 2019 15:49:12



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

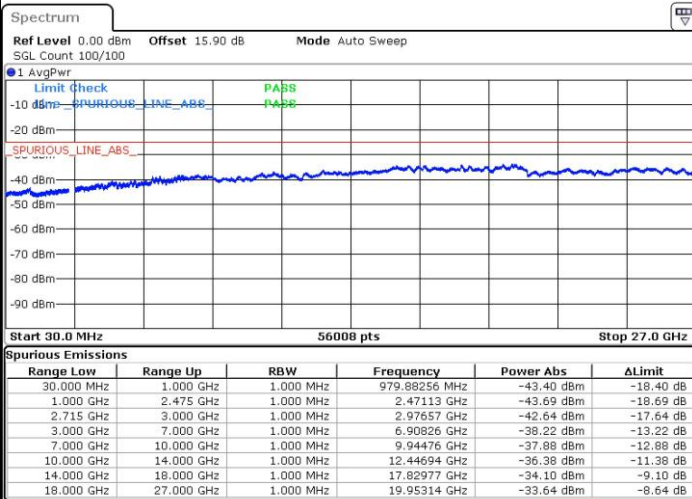
Middle Channel / 64QAM



Date: 18 JUN 2019 15:50:00

Date: 18 JUN 2019 15:50:46

Highest Channel / 64QAM



Date: 18 JUN 2019 15:51:32



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	0.0009	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 V.
2. Note: 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	3.68	4.64	4.41	5.57	PASS
Middle CH	3.59	5.01	4.32	5.88	
Highest CH	3.54	4.87	4.20	5.77	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.30	6.43	-	-	PASS
Middle CH	5.13	6.55	-	-	
Highest CH	4.87	6.17	-	-	