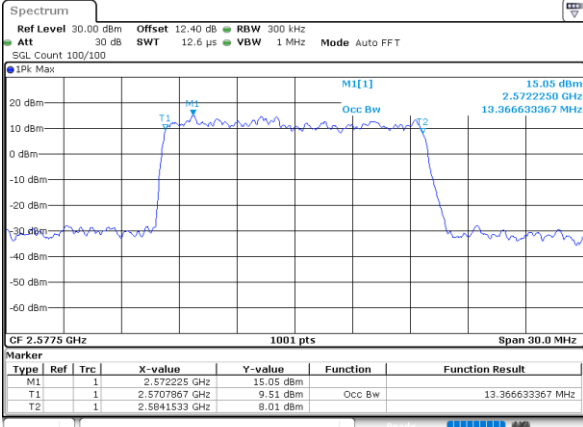




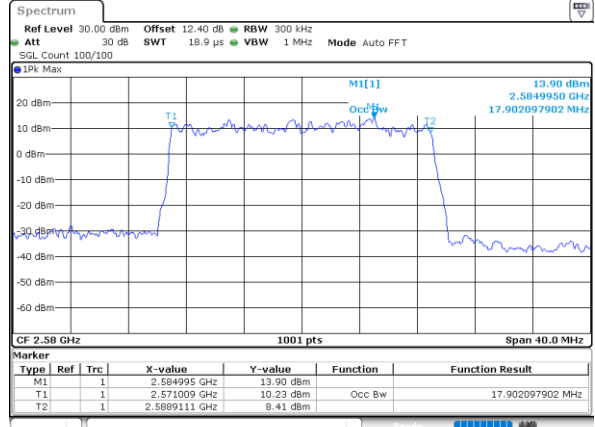
LTE Band 38

Lowest Channel / 15MHz / 64QAM



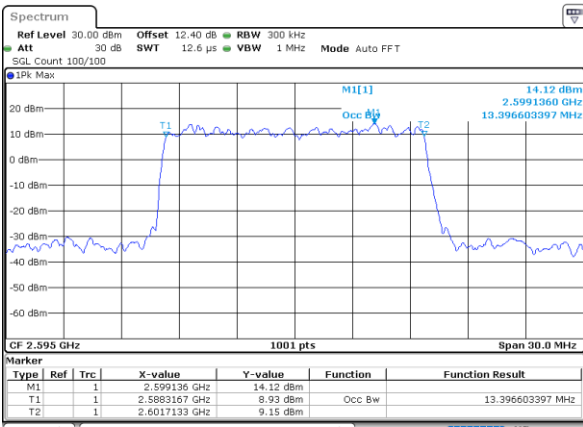
Date: 24_JUL_2020 02:19:27

Lowest Channel / 20MHz / 64QAM



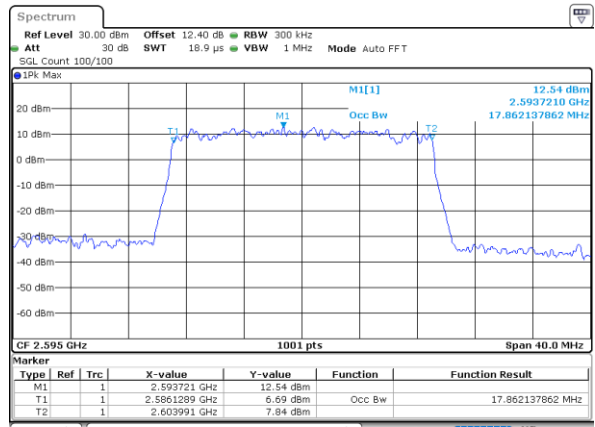
Date: 24_JUL_2020 02:20:37

Middle Channel / 15MHz / 64QAM



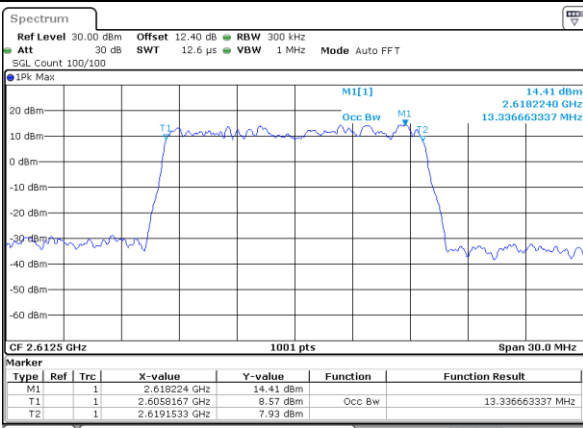
Date: 24_JUL_2020 02:19:50

Middle Channel / 20MHz / 64QAM



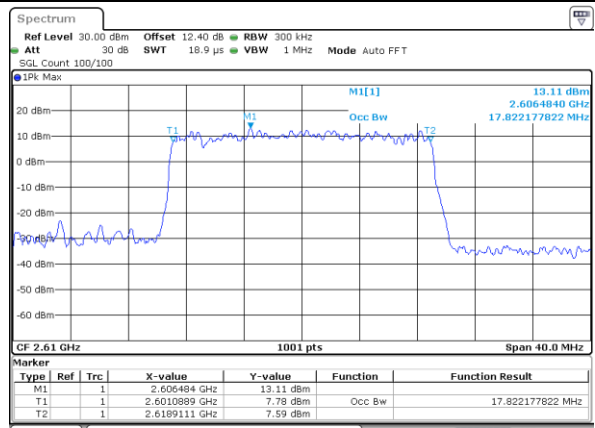
Date: 24_JUL_2020 02:21:00

Highest Channel / 15MHz / 64QAM



Date: 24_JUL_2020 02:20:13

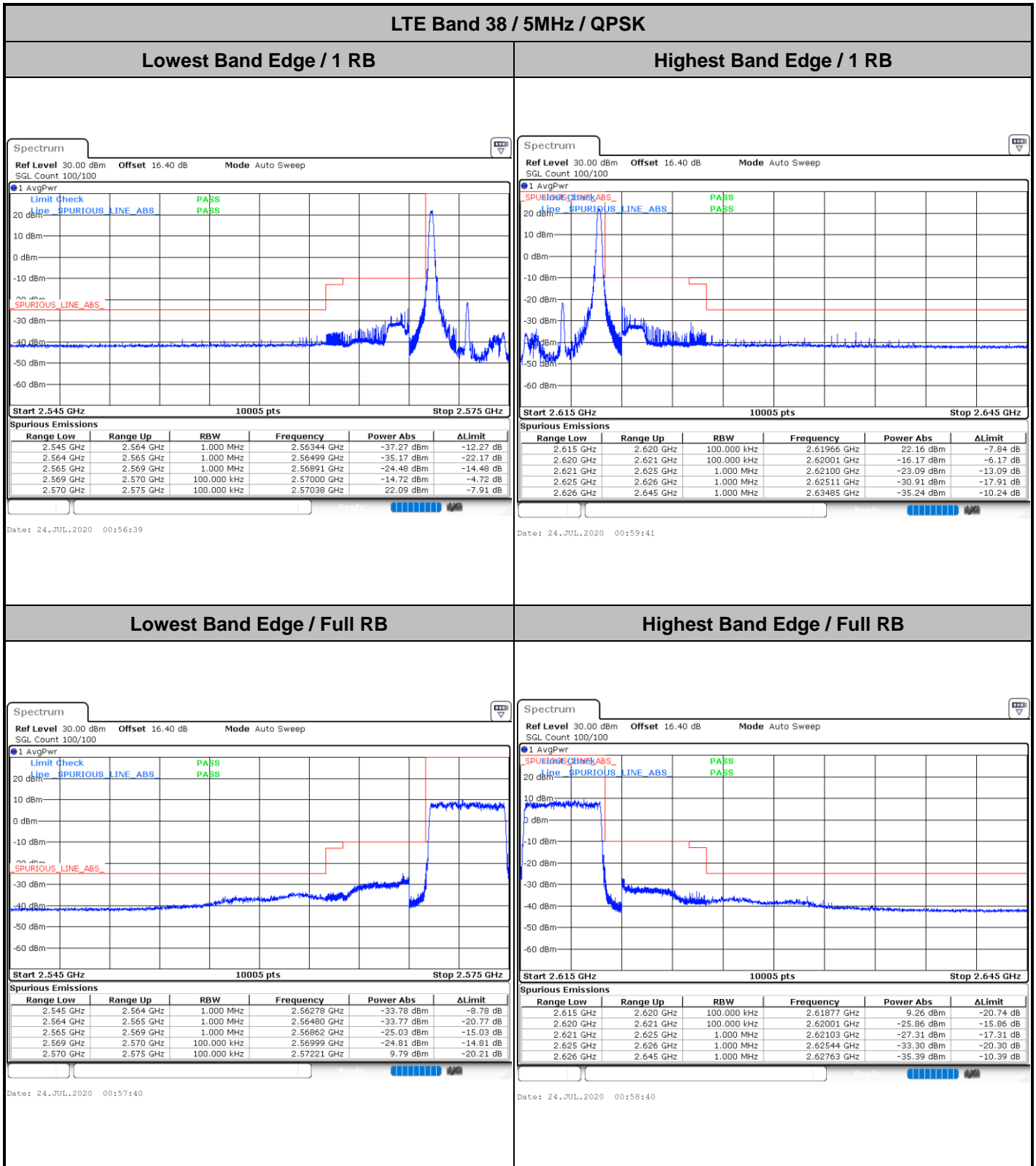
Highest Channel / 20MHz / 64QAM



Date: 24_JUL_2020 02:21:23



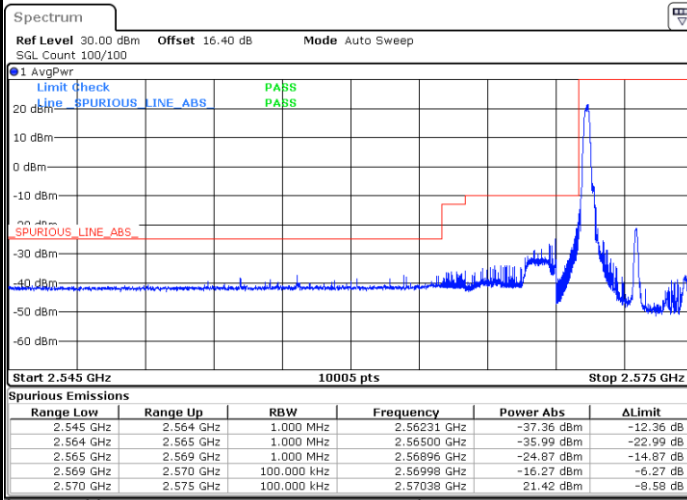
Conducted Band Edge





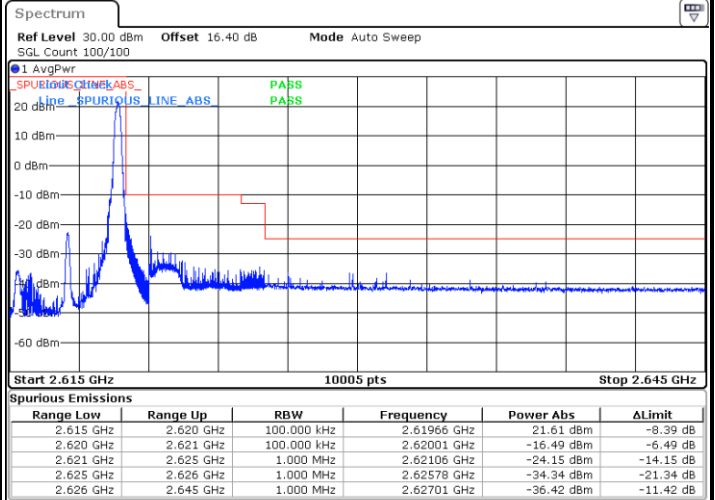
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



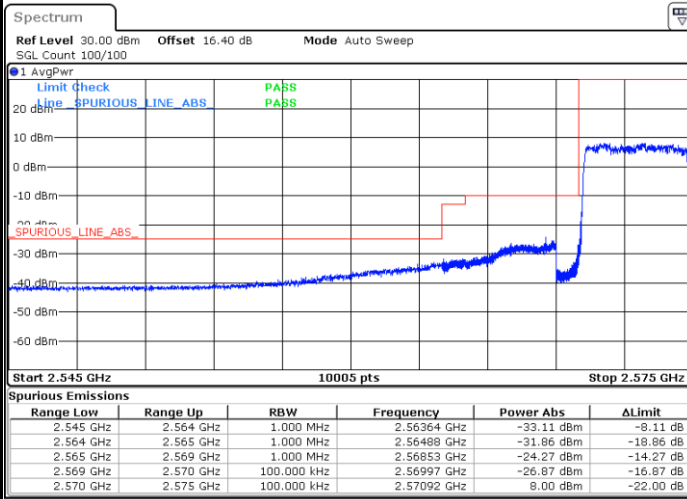
Date: 24.JUL.2020 00:57:09

Highest Band Edge / 1 RB



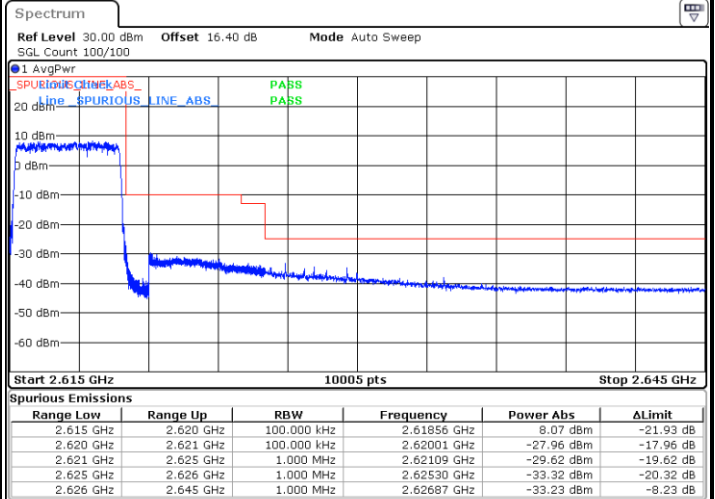
Date: 24.JUL.2020 01:00:11

Lowest Band Edge / Full RB



Date: 24.JUL.2020 00:58:10

Highest Band Edge / Full RB

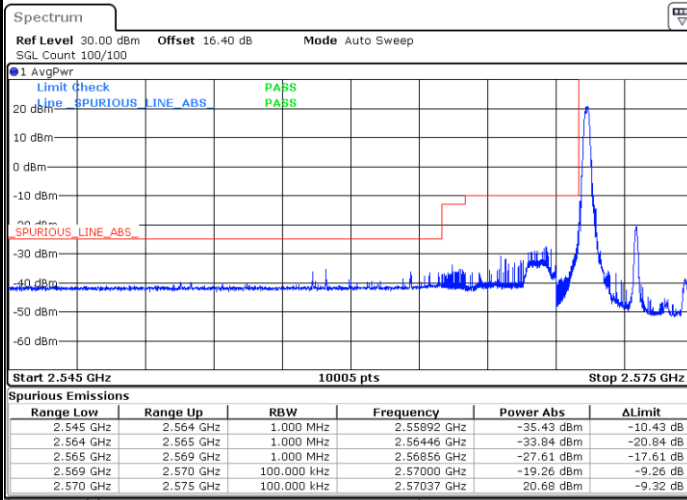


Date: 24.JUL.2020 00:59:11



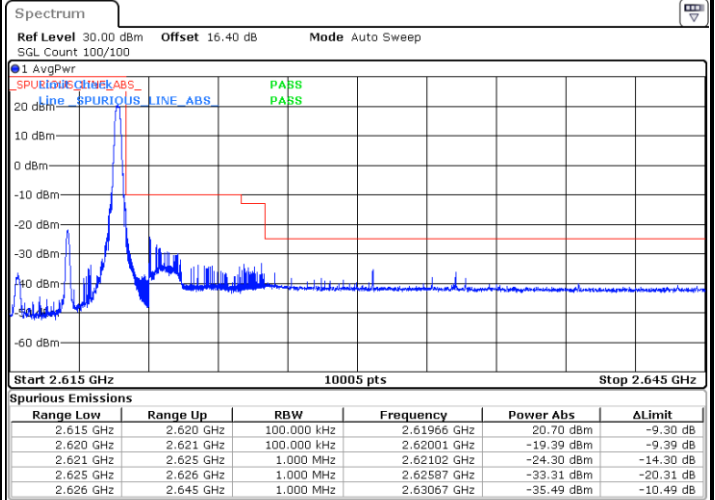
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



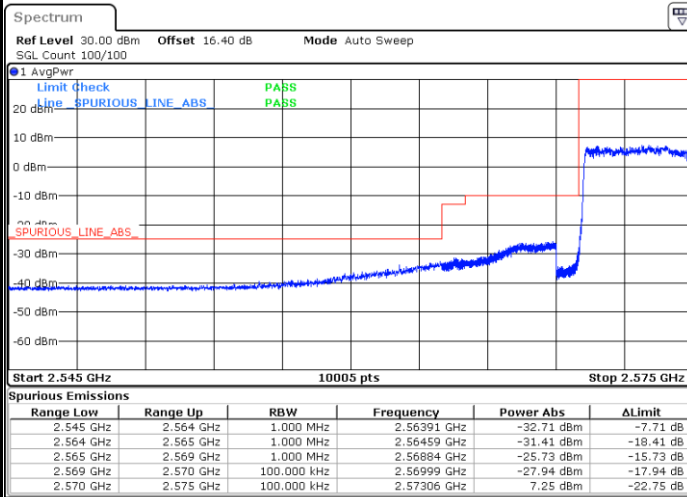
Date: 24.JUL.2020 01:00:42

Highest Band Edge / 1 RB



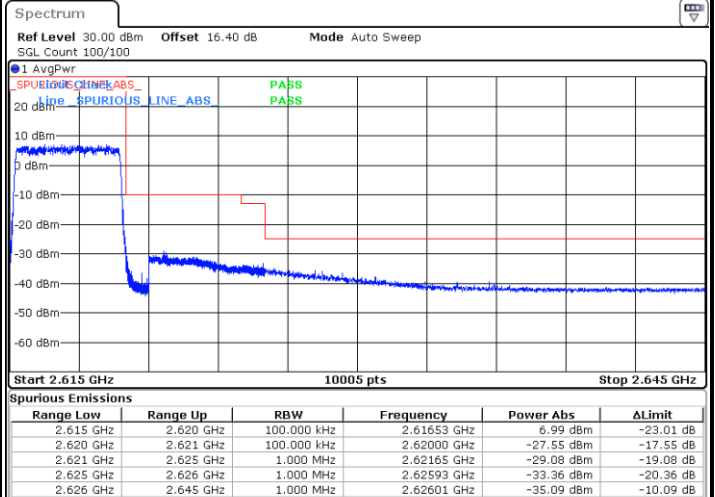
Date: 24.JUL.2020 01:02:13

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:01:12

Highest Band Edge / Full RB

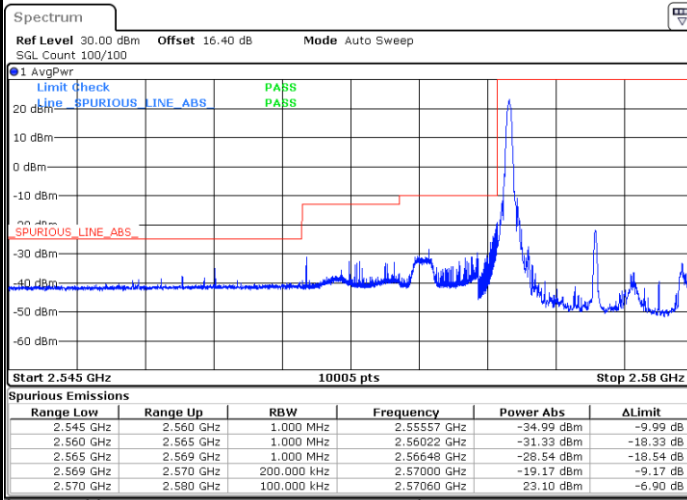


Date: 24.JUL.2020 01:01:43



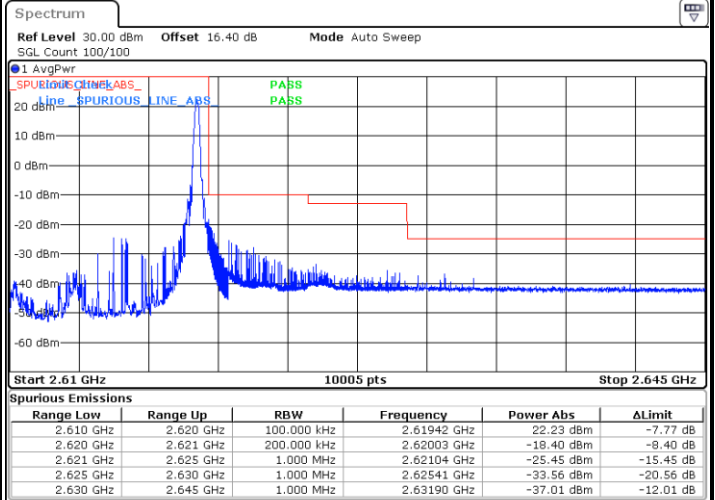
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



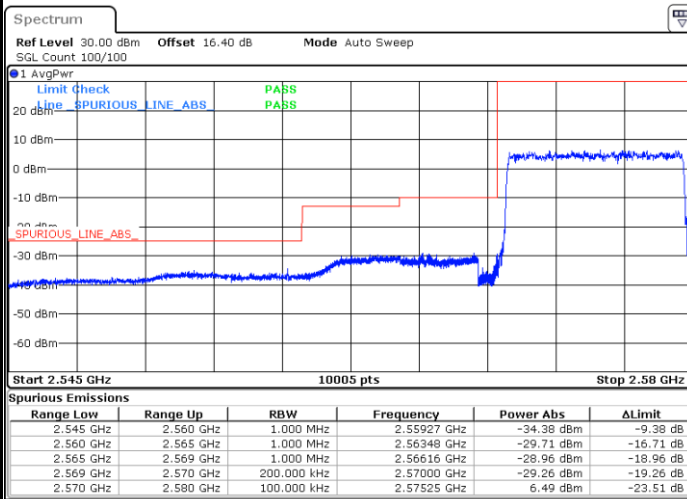
Date: 24.JUL.2020 01:04:45

Highest Band Edge / 1 RB



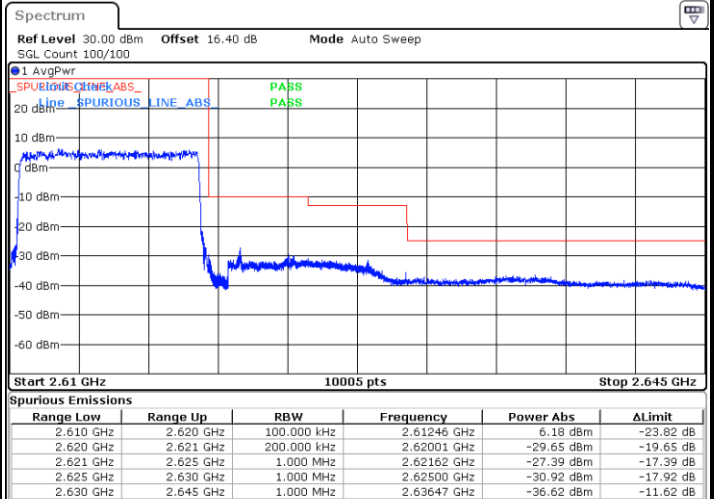
Date: 24.JUL.2020 01:20:23

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:05:16

Highest Band Edge / Full RB

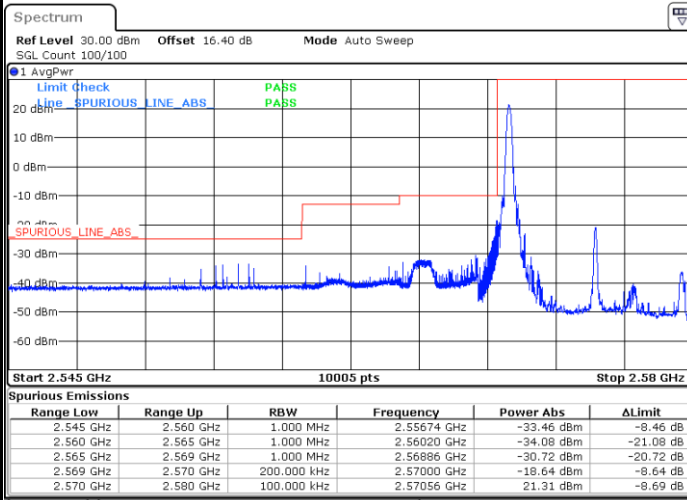


Date: 24.JUL.2020 01:19:22



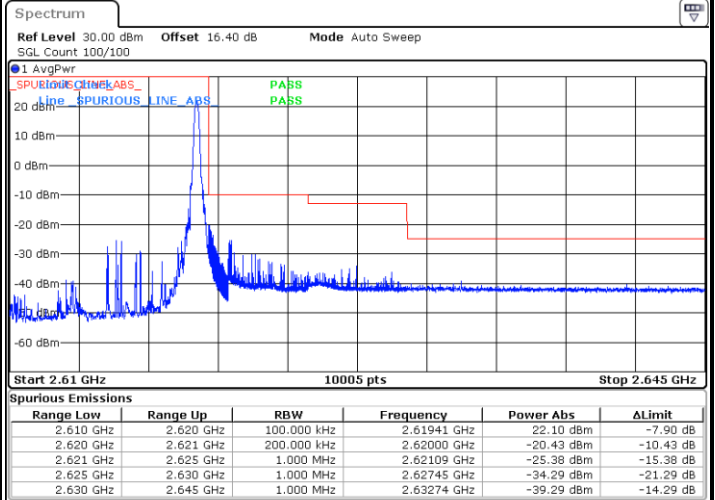
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



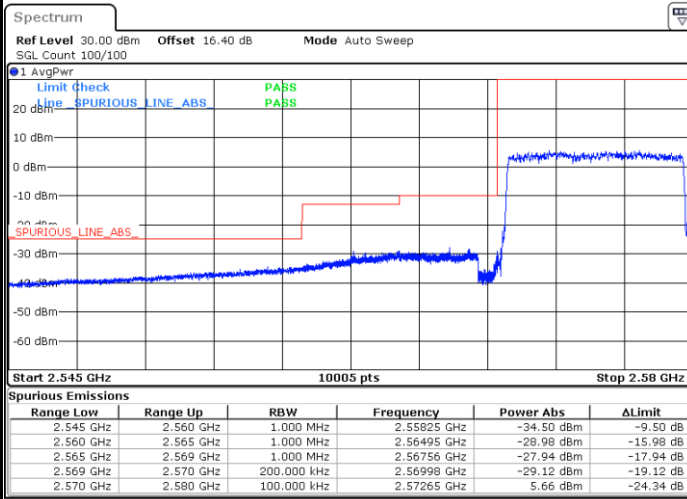
Date: 24.JUL.2020 01:05:16

Highest Band Edge / 1 RB



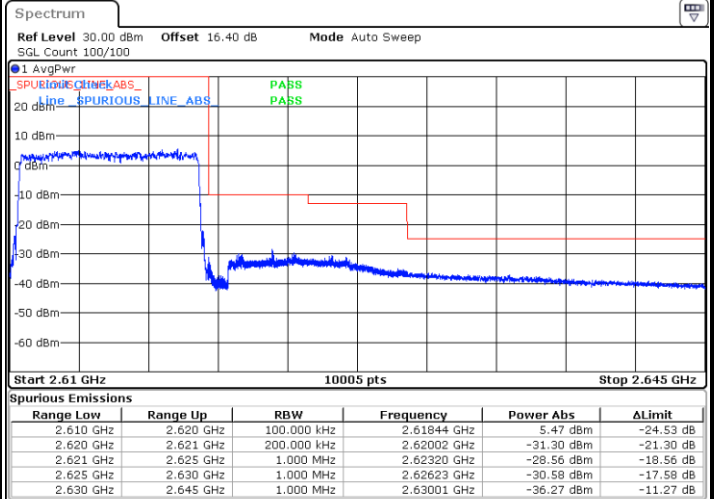
Date: 24.JUL.2020 01:20:53

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:18:52

Highest Band Edge / Full RB

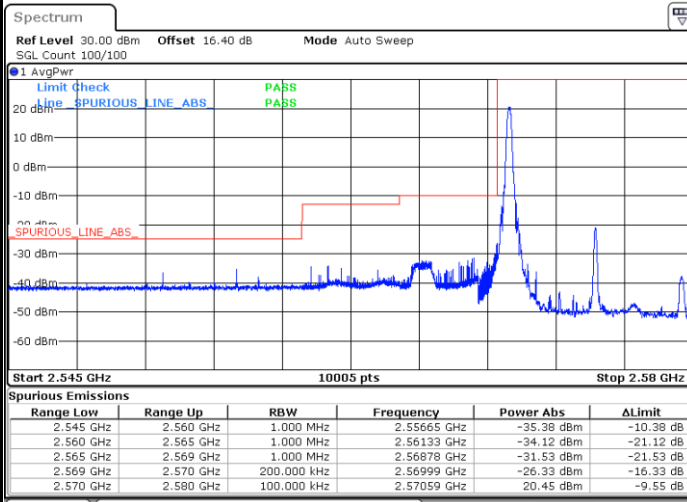


Date: 24.JUL.2020 01:19:52



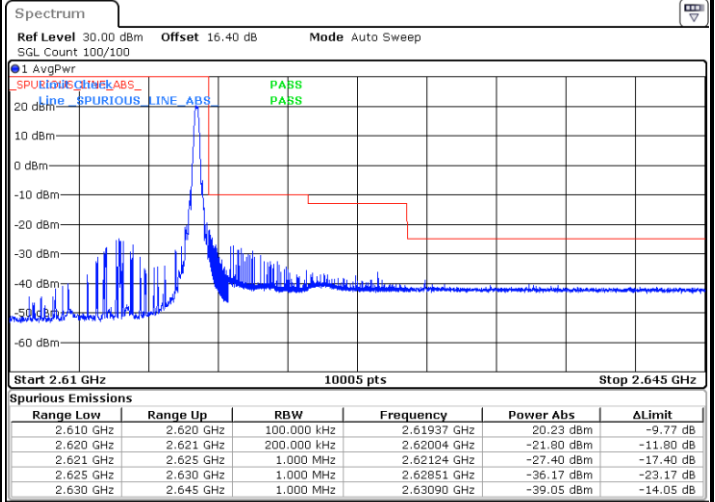
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



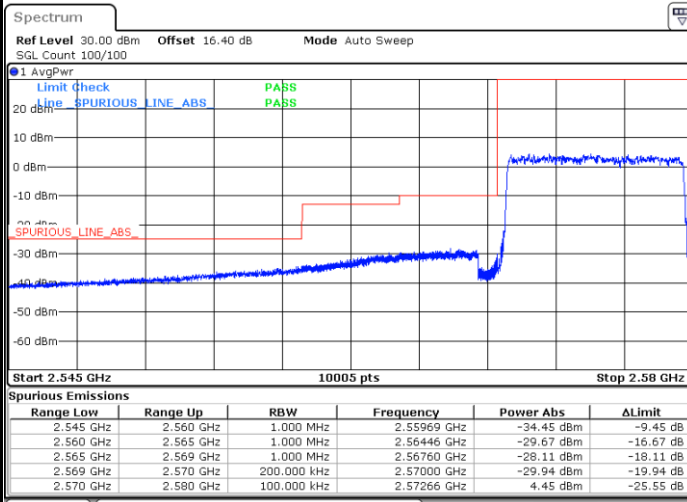
Date: 24.JUL.2020 01:02:44

Highest Band Edge / 1 RB



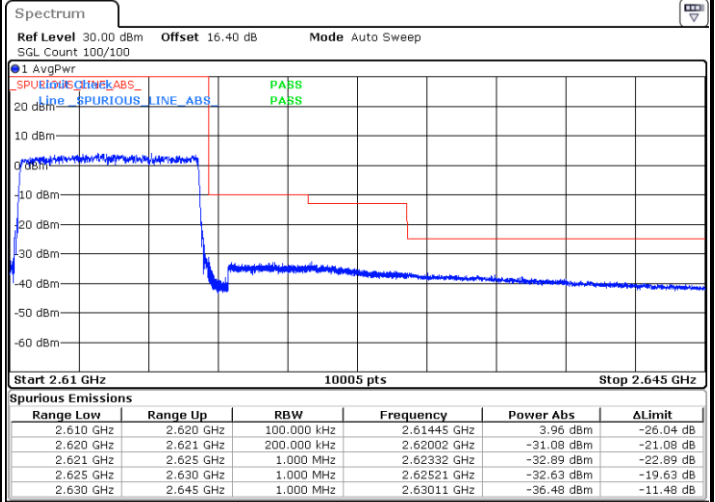
Date: 24.JUL.2020 01:04:15

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:03:14

Highest Band Edge / Full RB

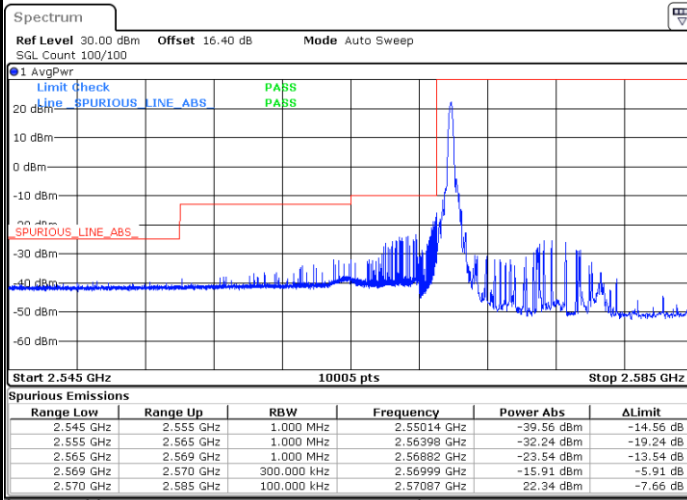


Date: 24.JUL.2020 01:03:44



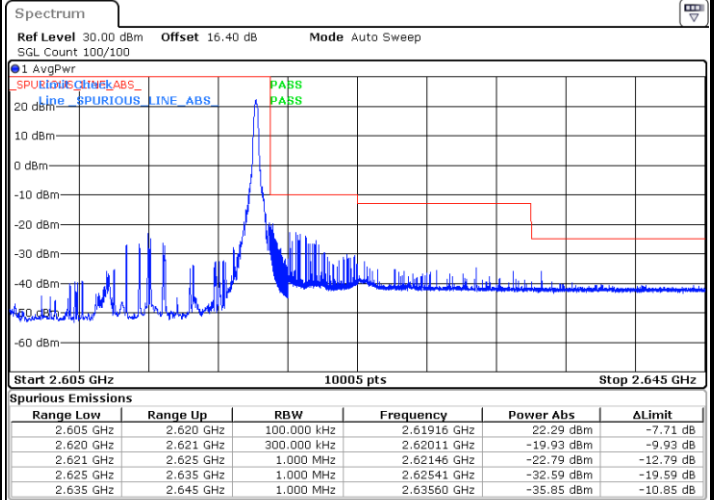
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



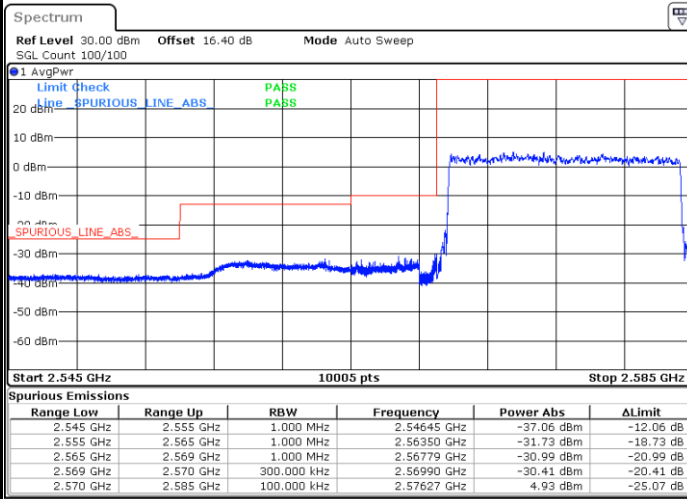
Date: 24.JUL.2020 01:21:24

Highest Band Edge / 1 RB



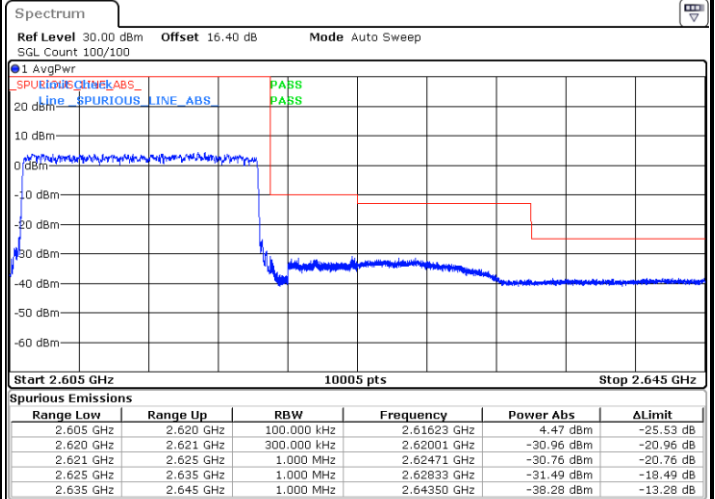
Date: 24.JUL.2020 01:24:26

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:22:24

Highest Band Edge / Full RB

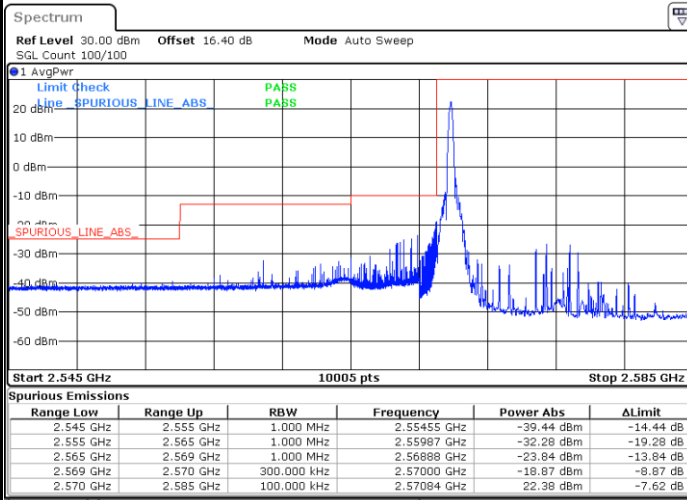


Date: 24.JUL.2020 01:23:25



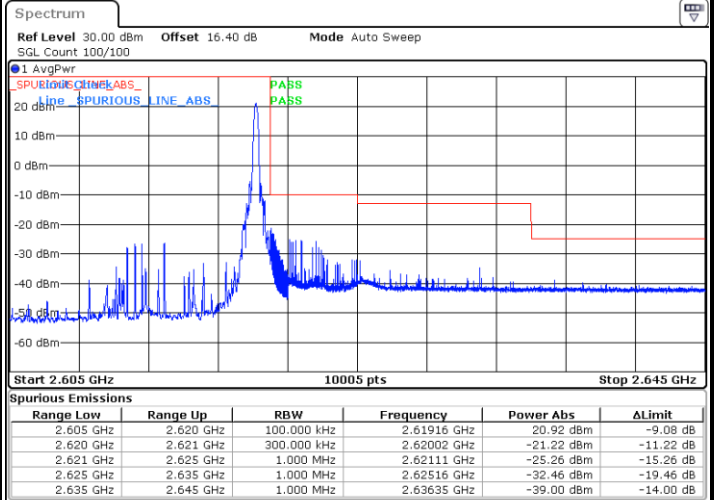
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



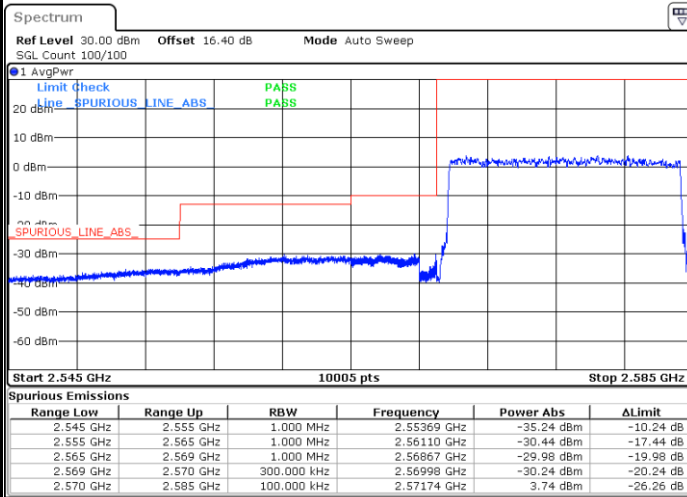
Date: 24.JUL.2020 01:21:54

Highest Band Edge / 1 RB



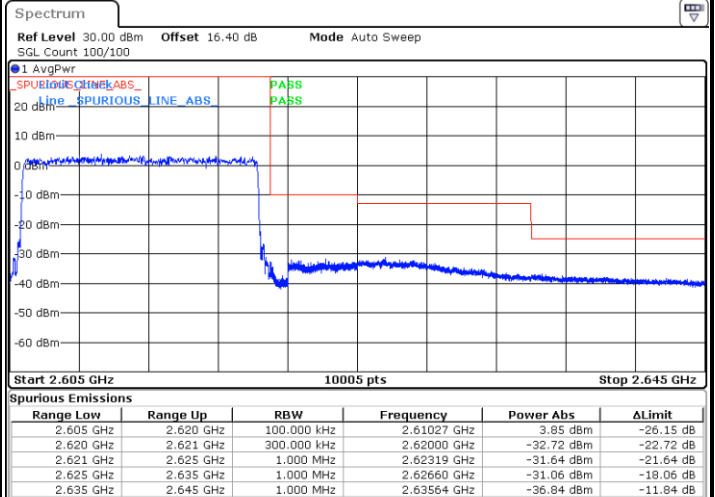
Date: 24.JUL.2020 01:24:56

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:22:55

Highest Band Edge / Full RB

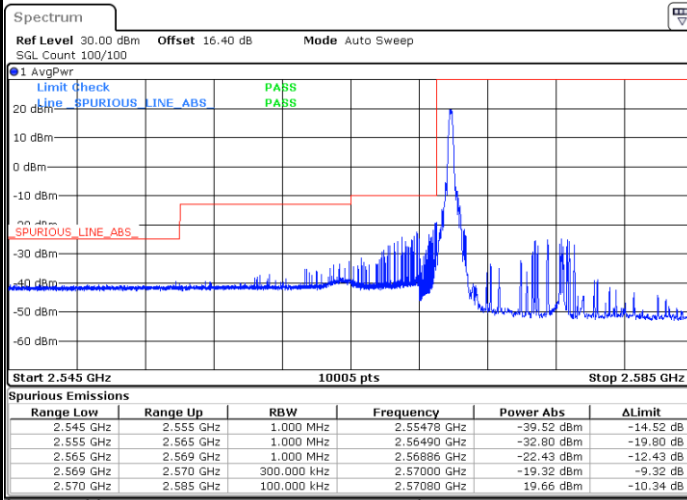


Date: 24.JUL.2020 01:23:55

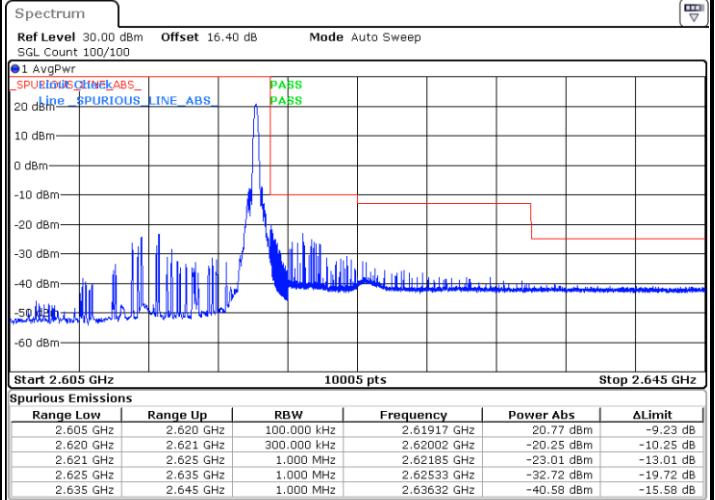


LTE Band 38 / 15MHz / 64QAM

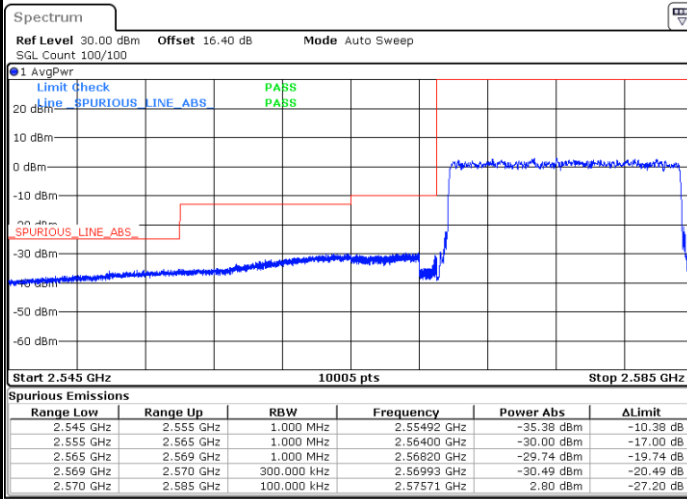
Lowest Band Edge / 1 RB



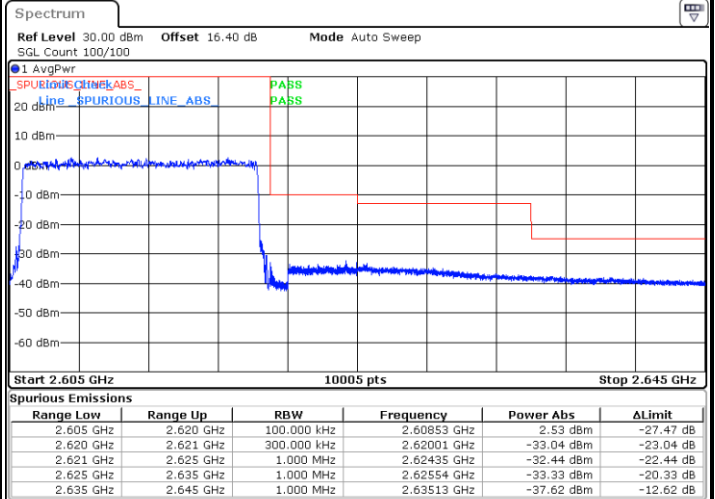
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



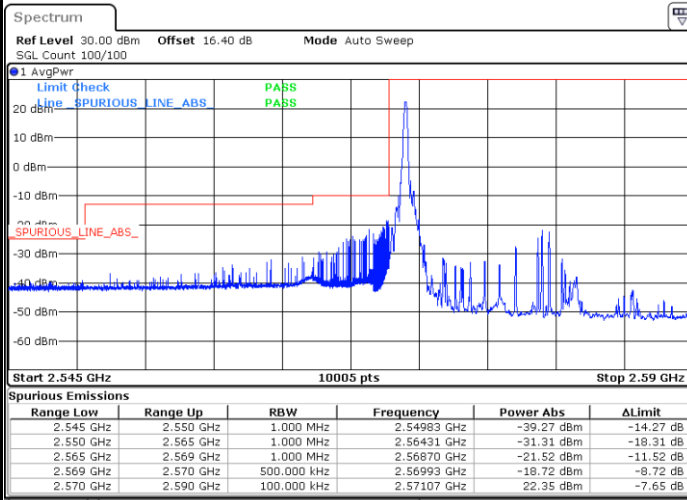
Highest Band Edge / Full RB





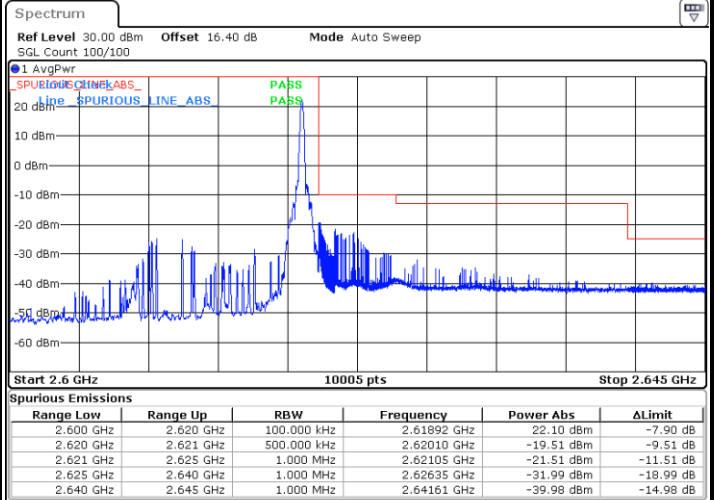
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



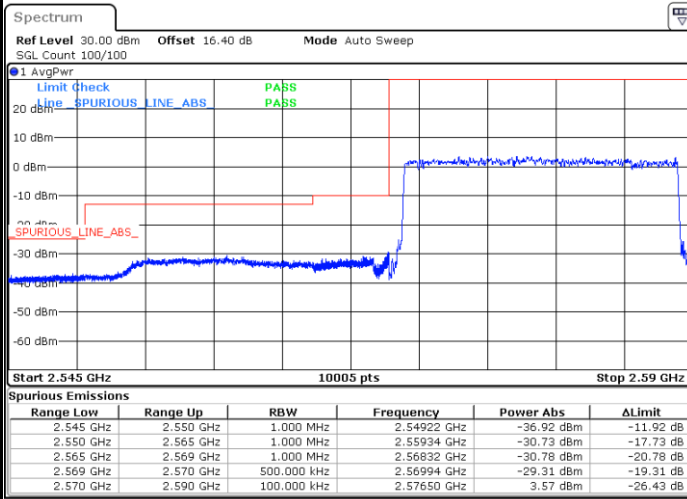
Date: 24.JUL.2020 01:27:28

Highest Band Edge / 1 RB



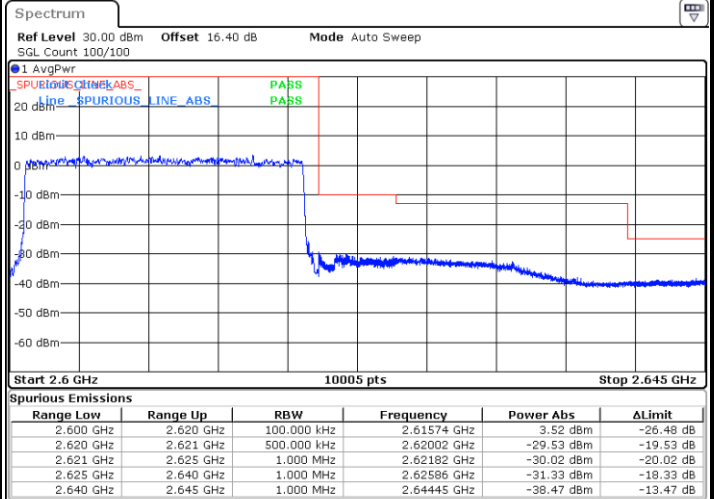
Date: 24.JUL.2020 01:30:30

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:28:29

Highest Band Edge / Full RB

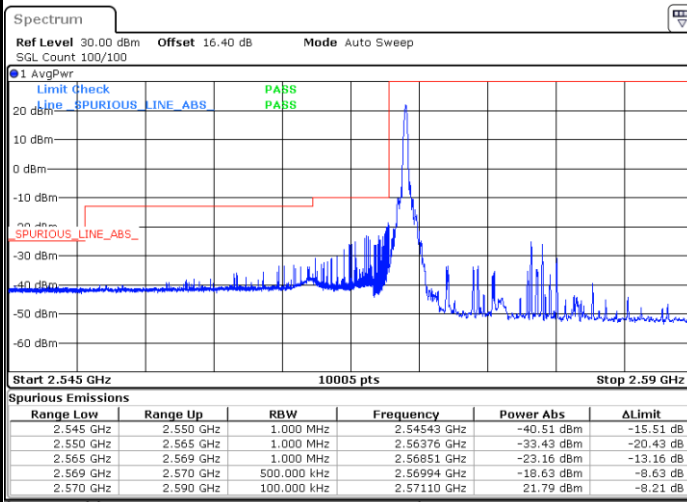


Date: 24.JUL.2020 01:29:29



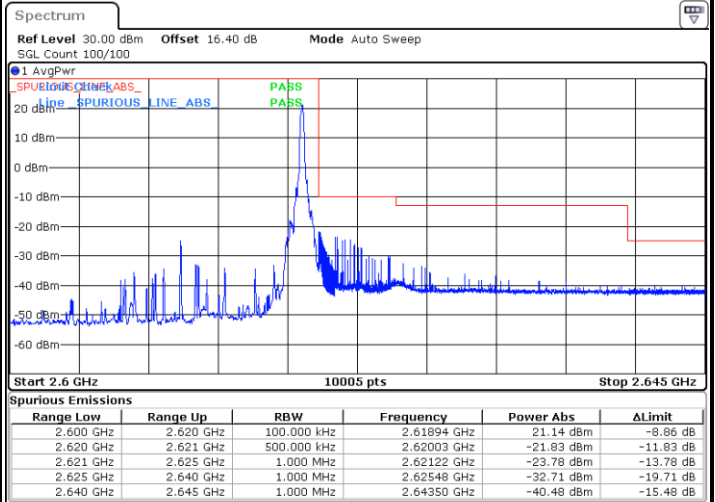
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



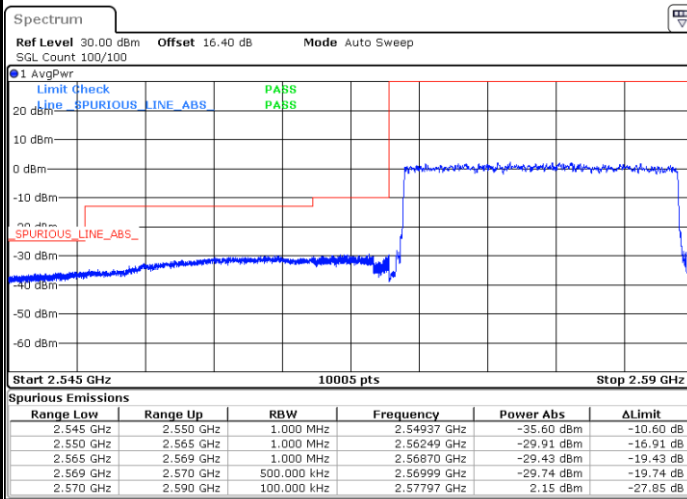
Date: 24.JUL.2020 01:27:58

Highest Band Edge / 1 RB



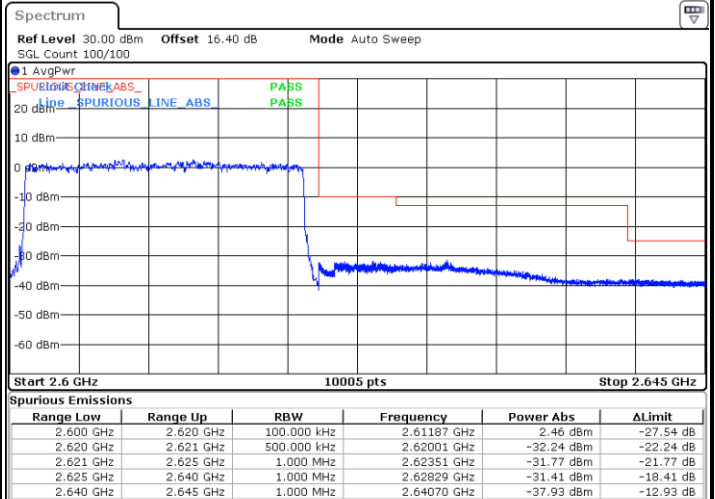
Date: 24.JUL.2020 01:31:00

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:28:59

Highest Band Edge / Full RB

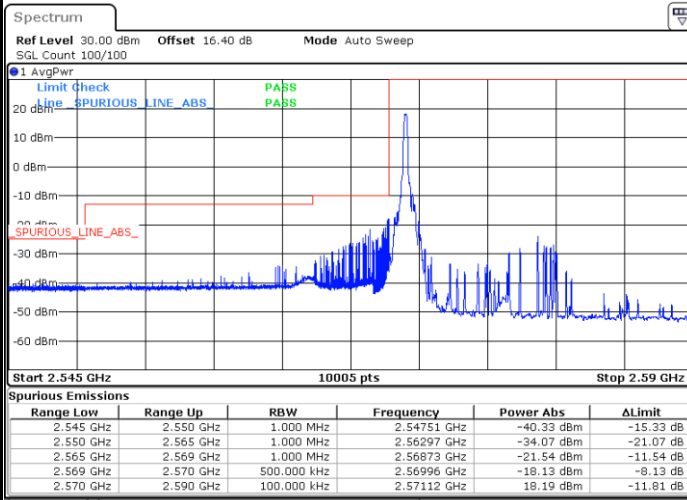


Date: 24.JUL.2020 01:29:59



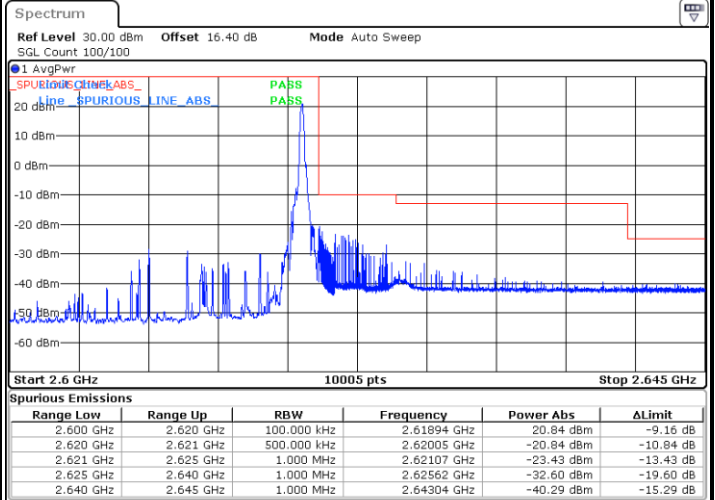
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



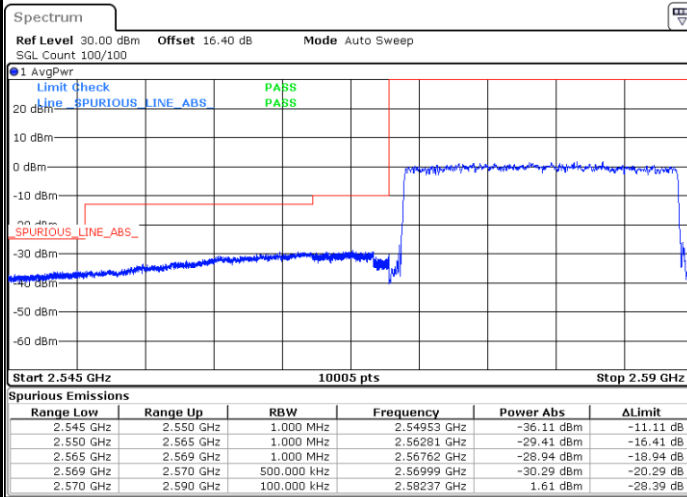
Date: 24.JUL.2020 01:31:30

Highest Band Edge / 1 RB



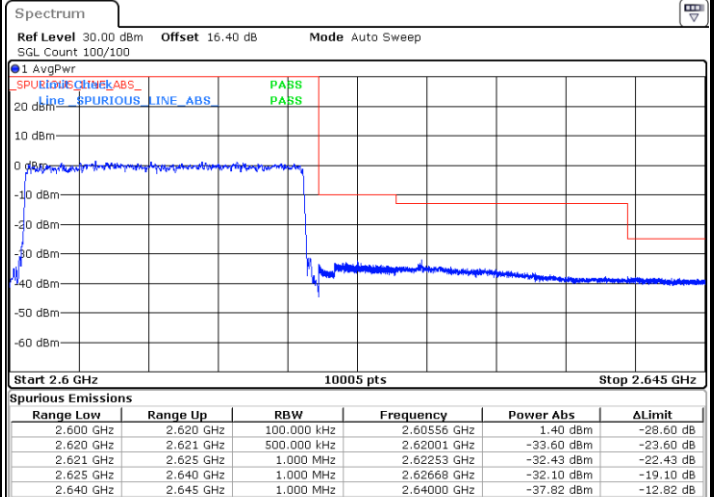
Date: 24.JUL.2020 01:33:01

Lowest Band Edge / Full RB



Date: 24.JUL.2020 01:32:01

Highest Band Edge / Full RB



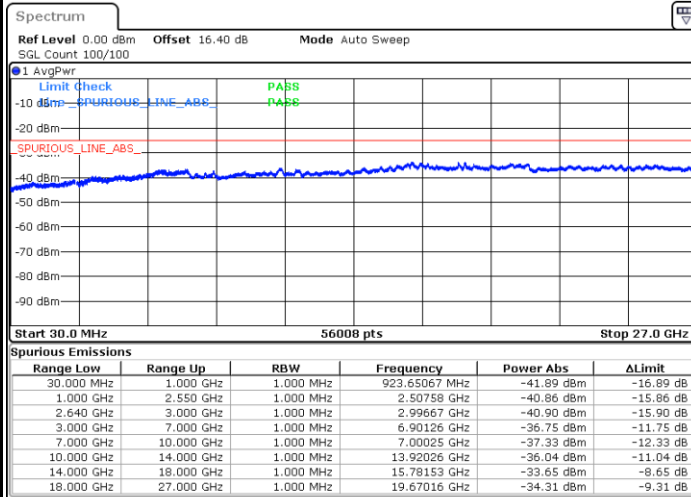
Date: 24.JUL.2020 01:32:31



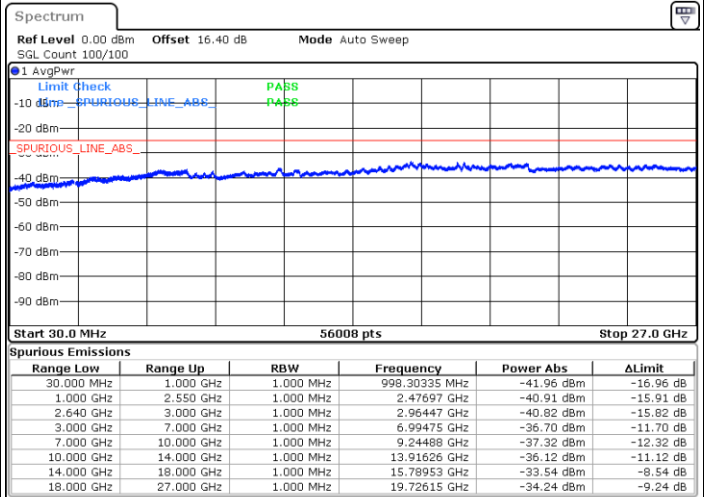
Conducted Spurious Emission

LTE Band 38 / 5MHz

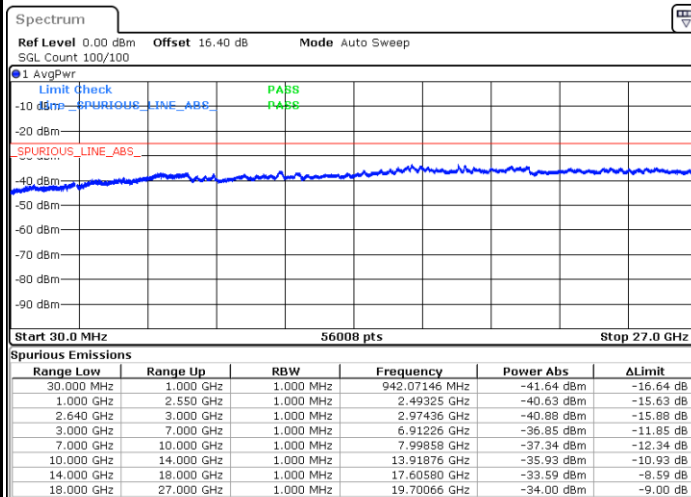
Lowest Channel / QPSK



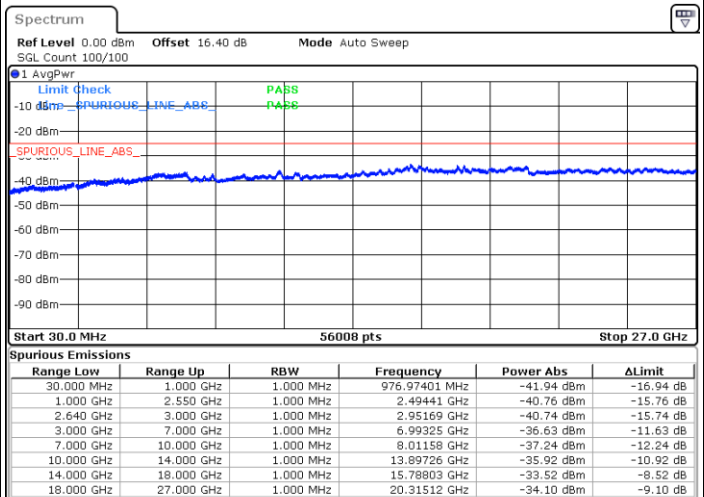
Lowest Channel / 16QAM



Middle Channel / QPSK



Middle Channel / 16QAM

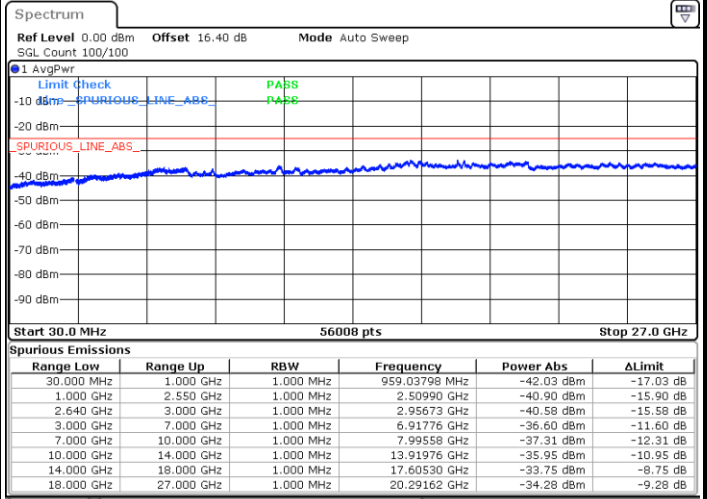
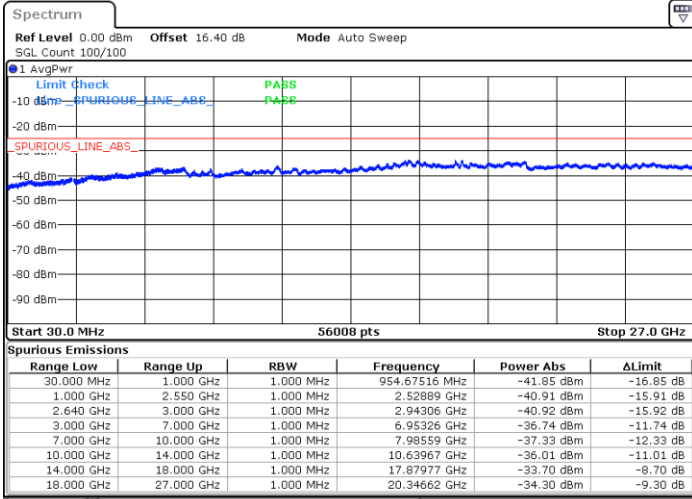




LTE Band 38 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



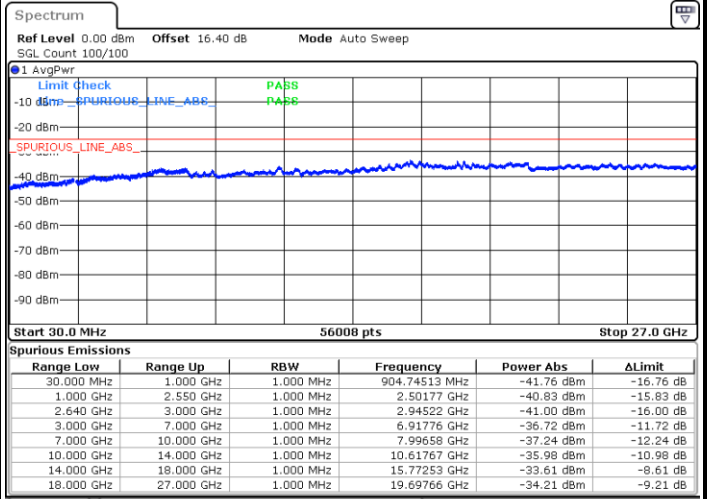
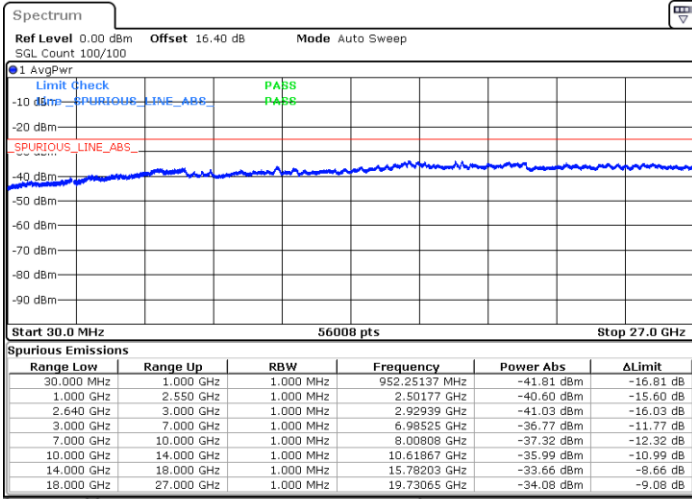
Date: 31.JUL.2020 23:49:01

Date: 31.JUL.2020 23:49:52

LTE Band 38 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 31.JUL.2020 23:53:17

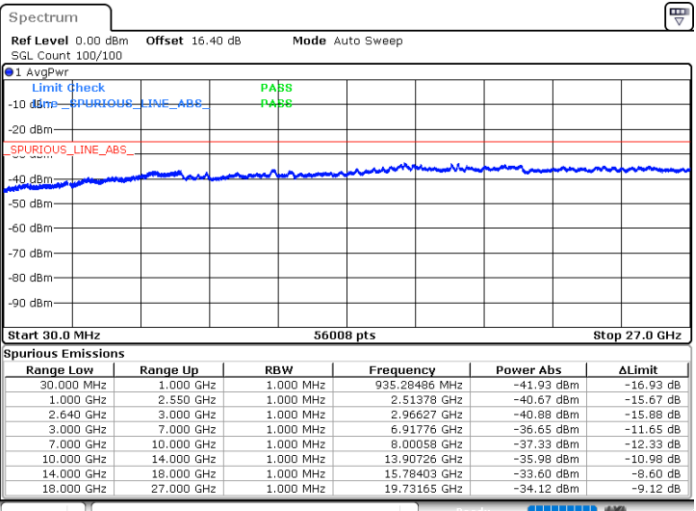
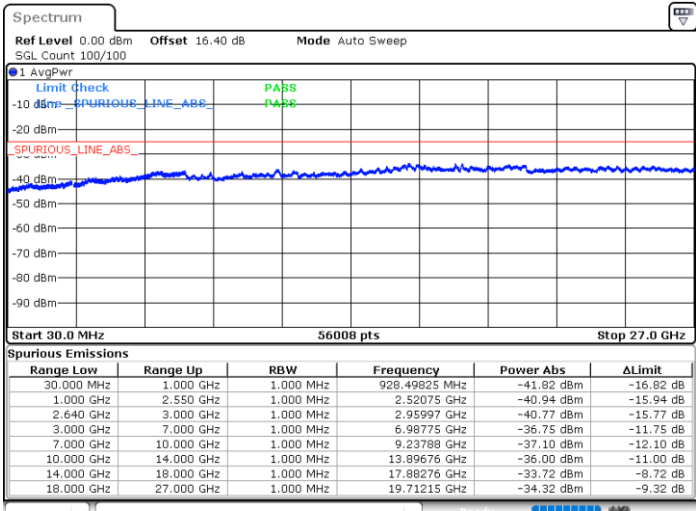
Date: 31.JUL.2020 23:54:08



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

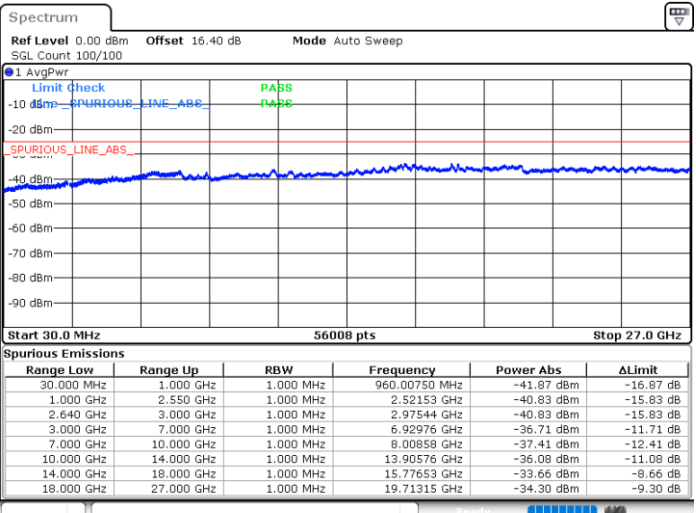
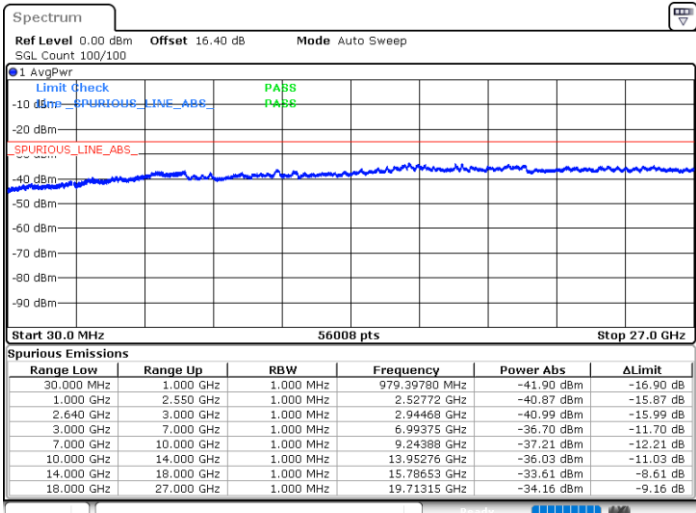


Date: 31.JUL.2020 23:54:58

Date: 31.JUL.2020 23:55:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.JUL.2020 23:56:39

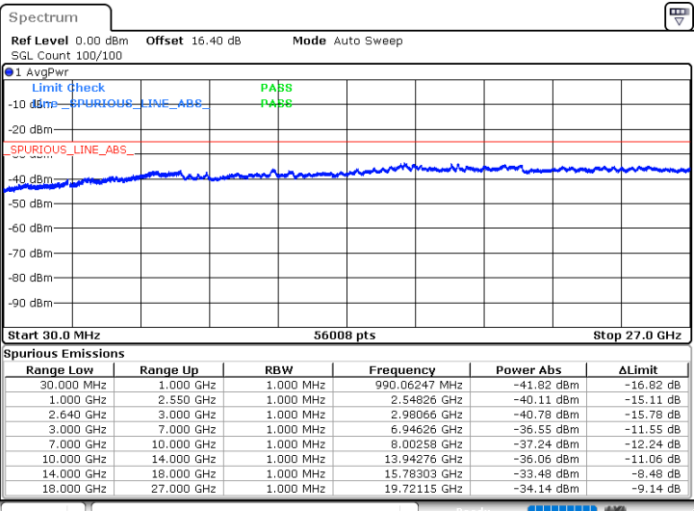
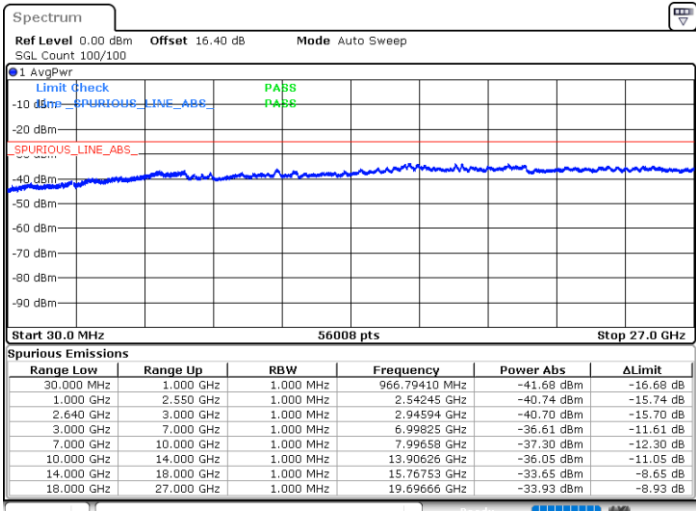
Date: 31.JUL.2020 23:57:29



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

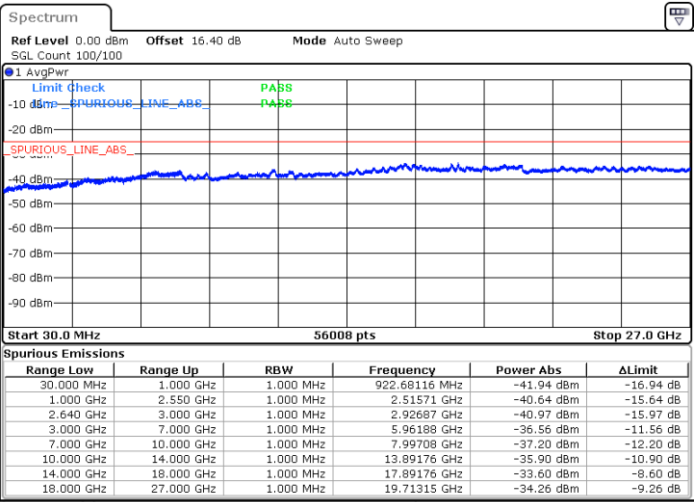
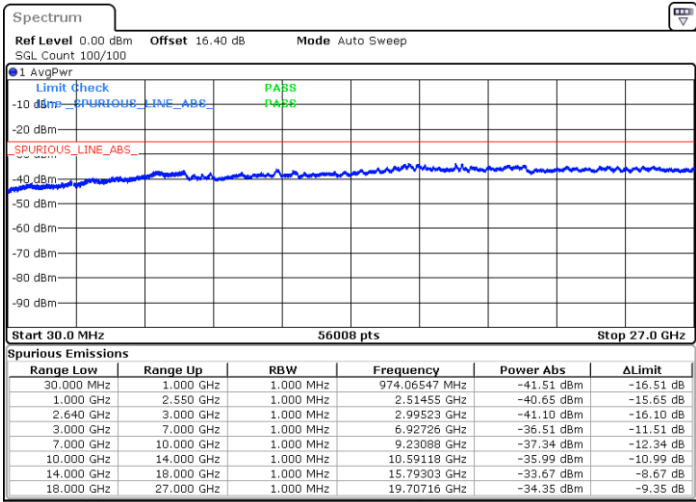


Date: 31.JUL.2020 23:58:22

Date: 31.JUL.2020 23:59:12

Middle Channel / QPSK

Middle Channel / 16QAM



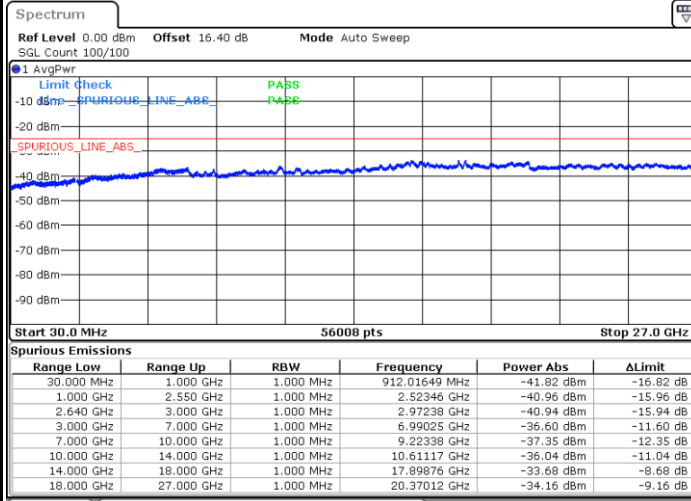
Date: 1.AUG.2020 00:00:03

Date: 1.AUG.2020 00:00:53



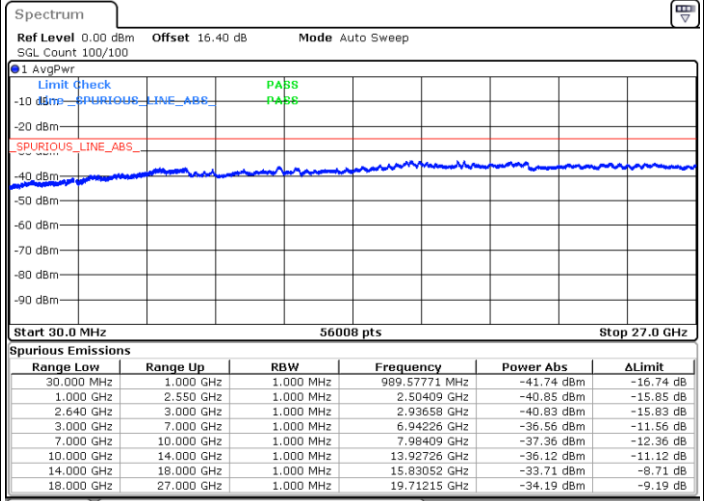
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 1.AUG.2020 00:01:43

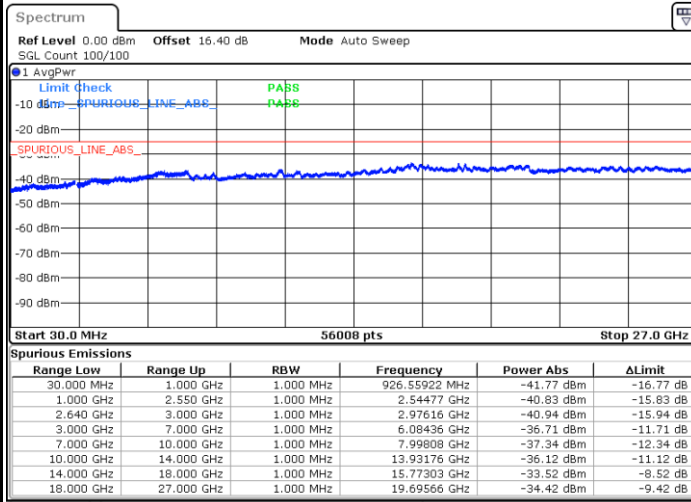
Highest Channel / 16QAM



Date: 1.AUG.2020 00:02:34

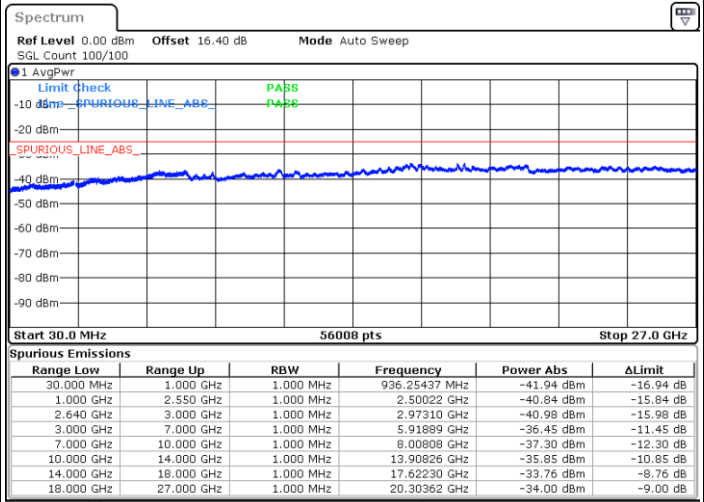
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 1.AUG.2020 00:05:58

Lowest Channel / 16QAM



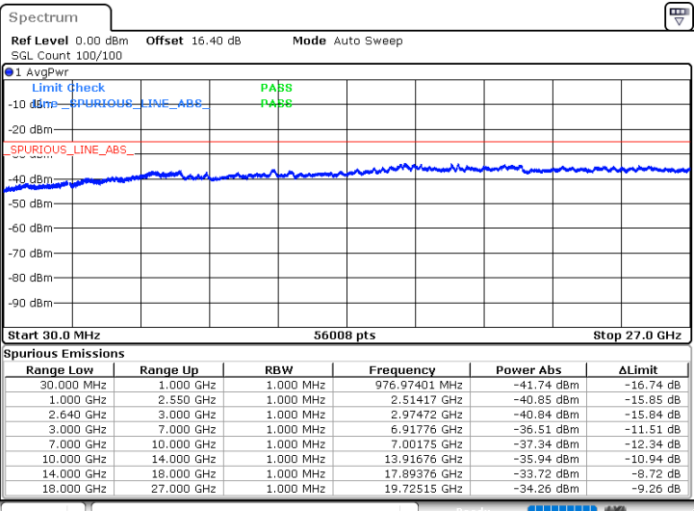
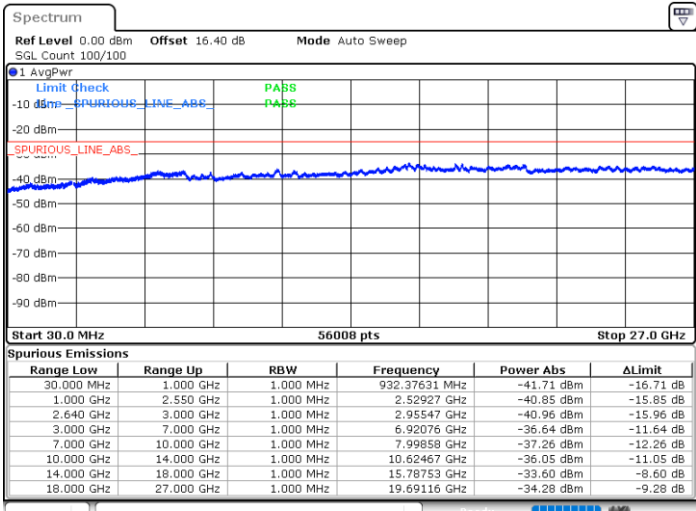
Date: 1.AUG.2020 00:06:48



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

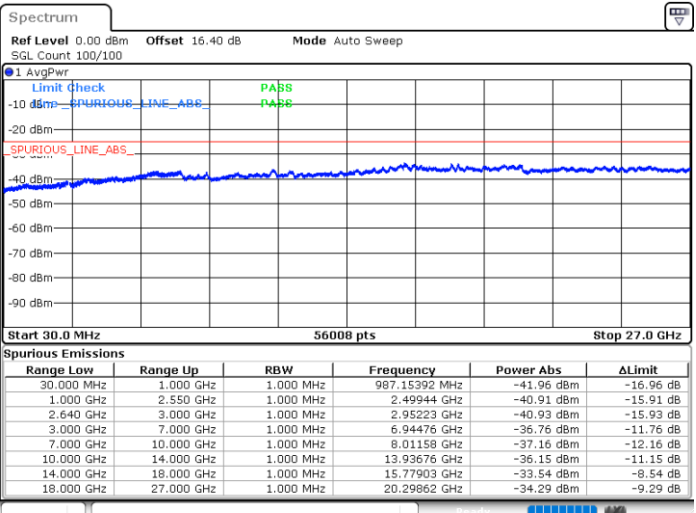
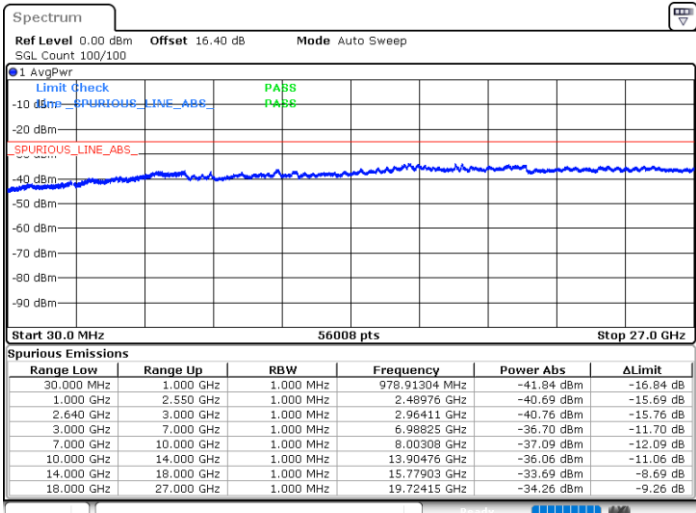


Date: 1.AUG.2020 00:07:39

Date: 1.AUG.2020 00:08:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.AUG.2020 00:09:19

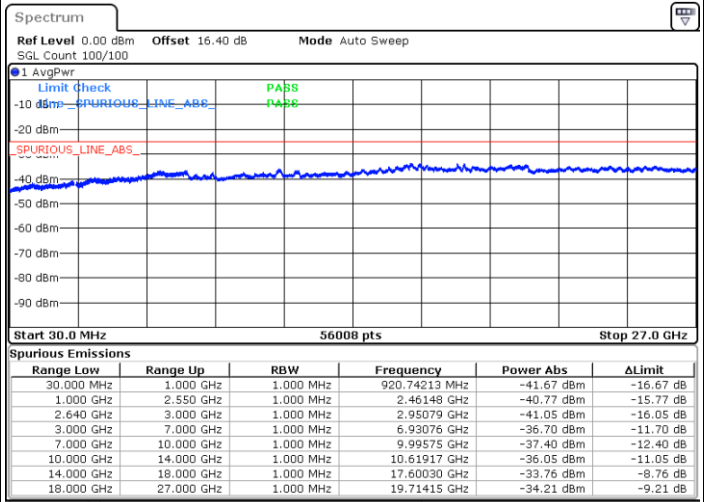
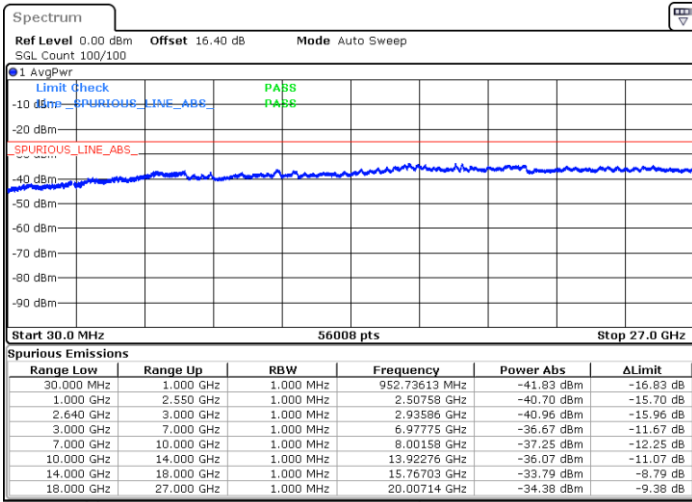
Date: 1.AUG.2020 00:10:10



LTE Band 38 / 5MHz

Lowest Channel / 64QAM

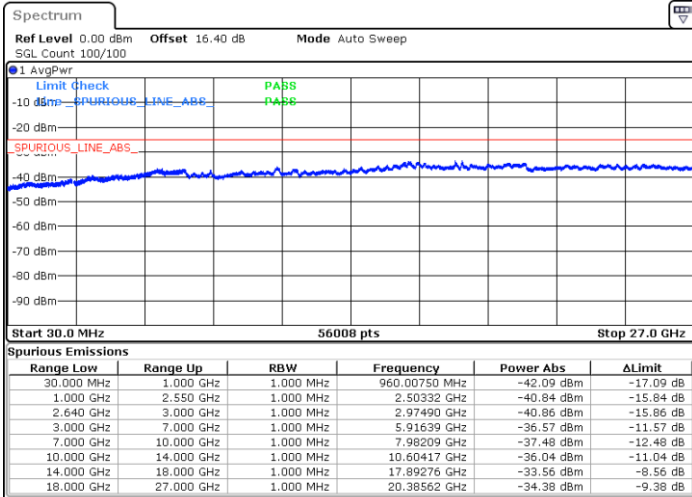
Middle Channel / 64QAM



Date: 31.JUL.2020 23:43:07

Date: 31.JUL.2020 23:43:57

Highest Channel / 64QAM



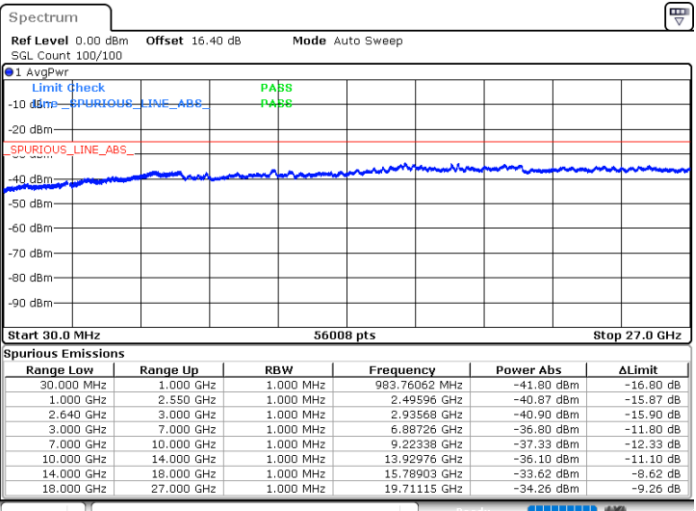
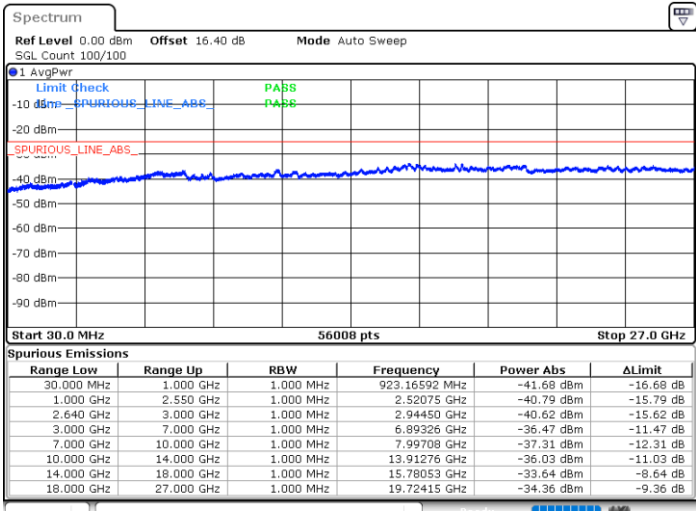
Date: 31.JUL.2020 23:44:48



LTE Band 38 / 10MHz

Lowest Channel / 64QAM

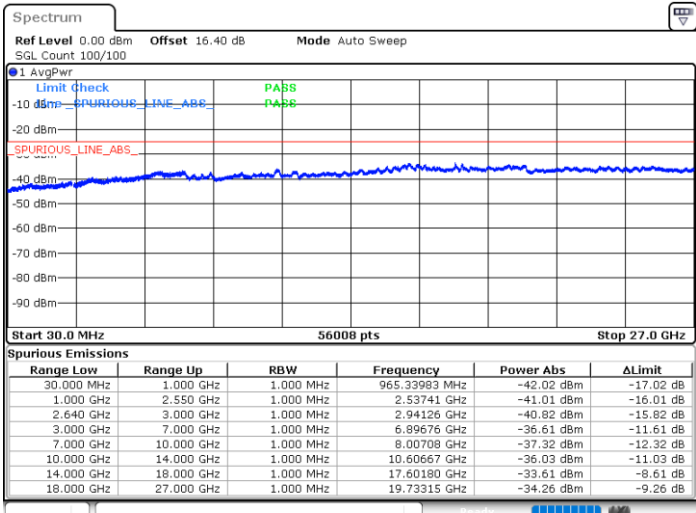
Middle Channel / 64QAM



Date: 31.JUL.2020 23:50:45

Date: 31.JUL.2020 23:51:36

Highest Channel / 64QAM



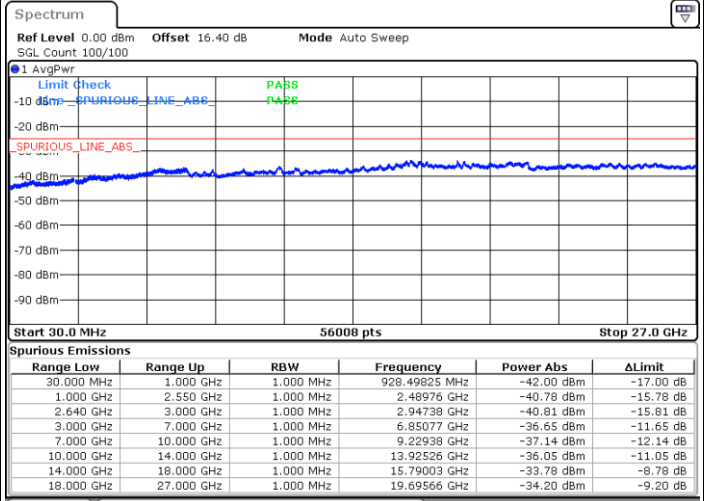
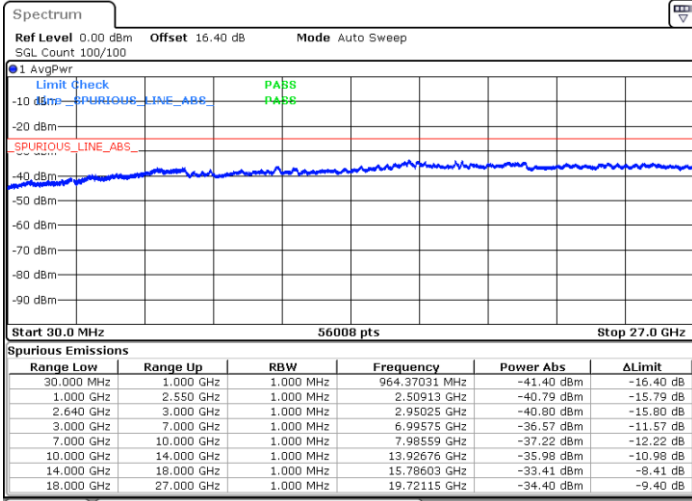
Date: 31.JUL.2020 23:52:26



LTE Band 38 / 15MHz

Lowest Channel / 64QAM

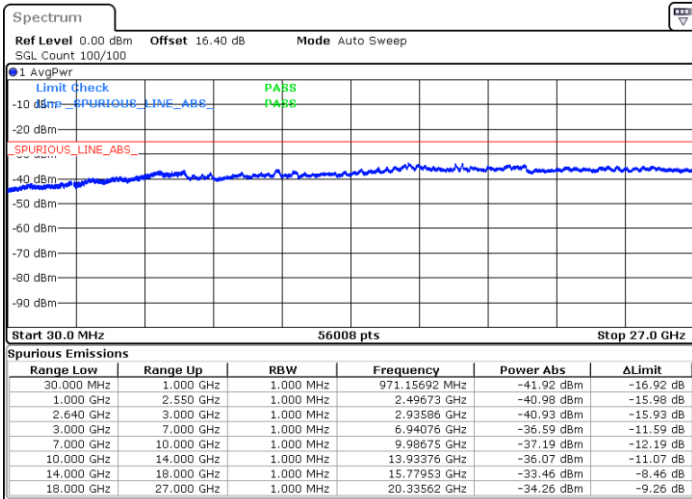
Middle Channel / 64QAM



Date: 1.AUG.2020 00:03:25

Date: 1.AUG.2020 00:04:15

Highest Channel / 64QAM



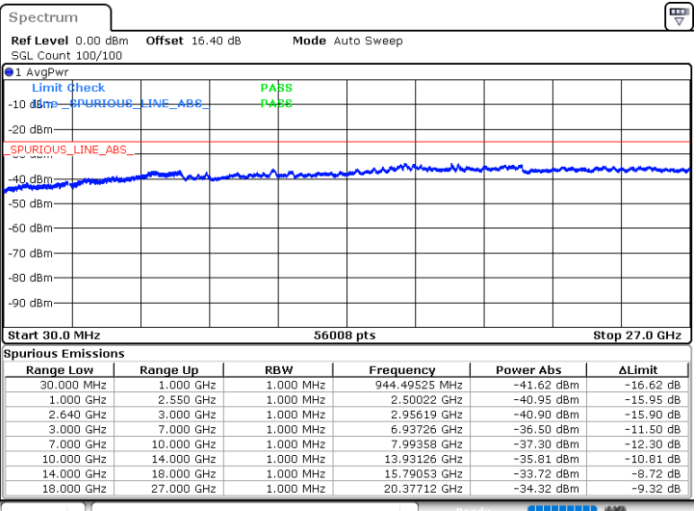
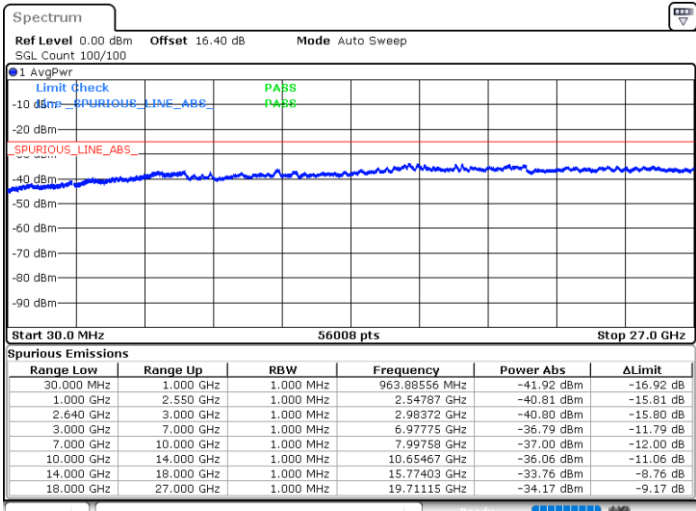
Date: 1.AUG.2020 00:05:05



LTE Band 38 / 20MHz

Lowest Channel / 64QAM

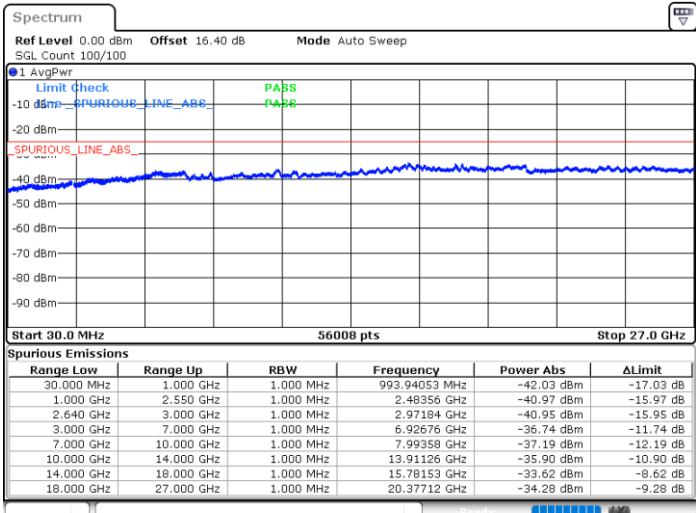
Middle Channel / 64QAM



Date: 1.AUG.2020 00:11:01

Date: 1.AUG.2020 00:11:51

Highest Channel / 64QAM



Date: 1.AUG.2020 00:12:42



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41_HPUE

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	5.04	5.62	5.97	PASS
Middle CH	3.83	5.13	5.86	6.06	
Highest CH	3.97	5.10	5.59	6.00	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.58	6.46	-	-	PASS
Middle CH	6.64	6.61	-	-	
Highest CH	7.01	6.52	-	-	