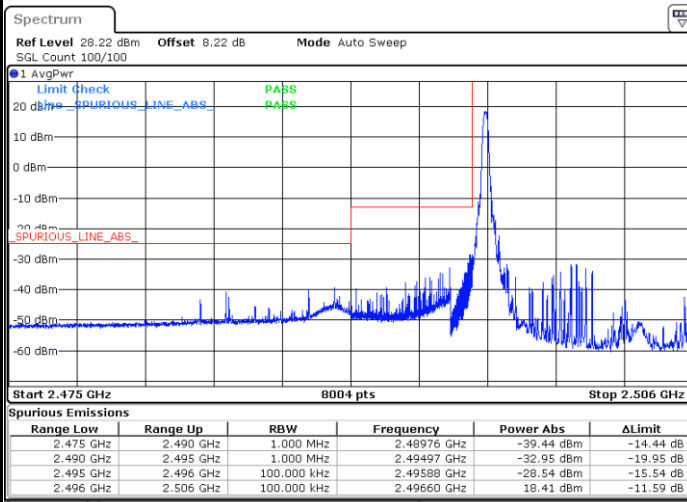




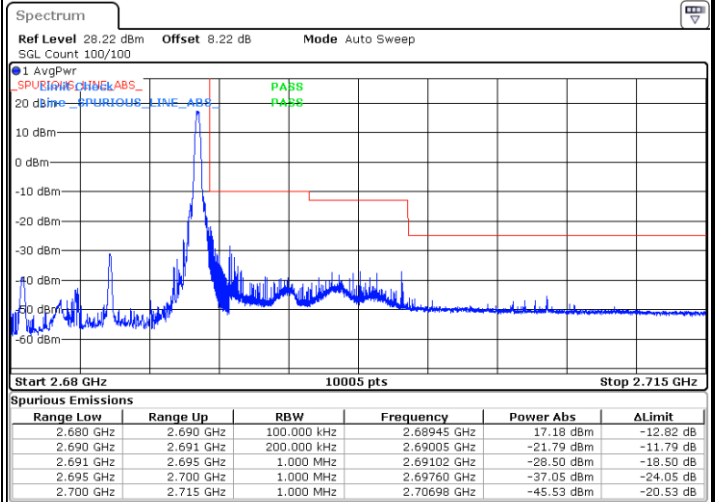
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



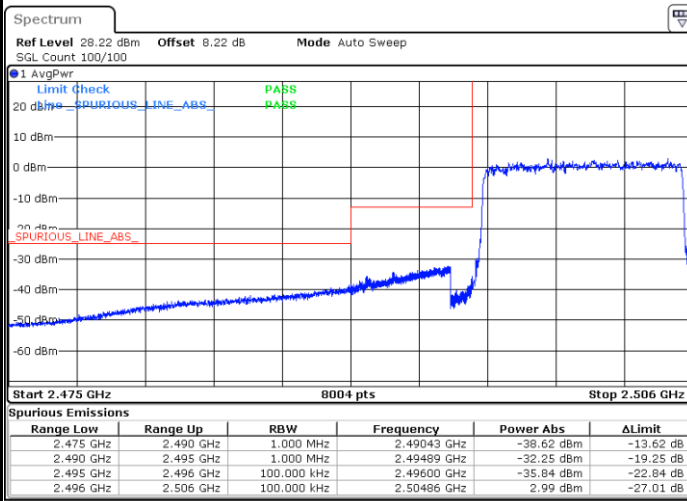
Date: 21.MAY.2020 22:48:59

Highest Band Edge / 1 RB



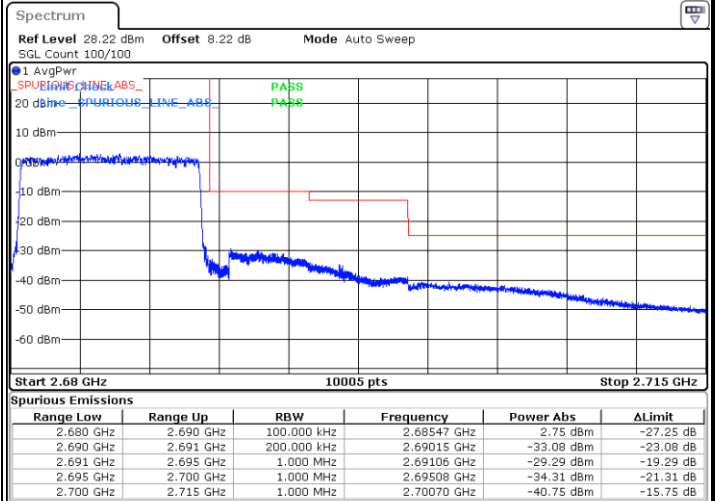
Date: 21.MAY.2020 22:53:32

Lowest Band Edge / Full RB



Date: 21.MAY.2020 22:51:16

Highest Band Edge / Full RB

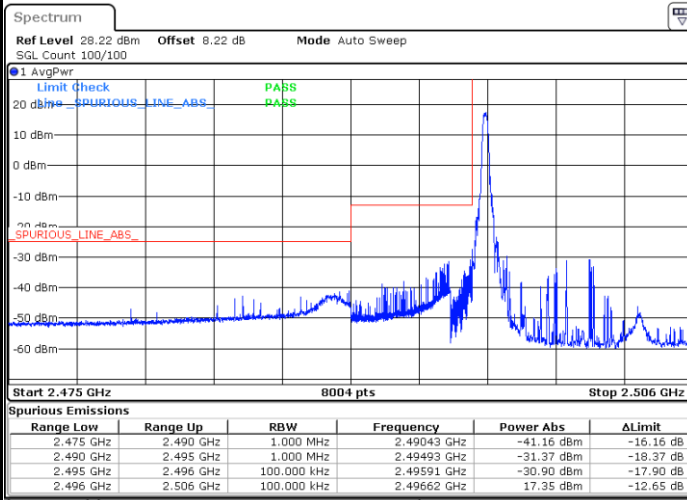


Date: 21.MAY.2020 22:55:49



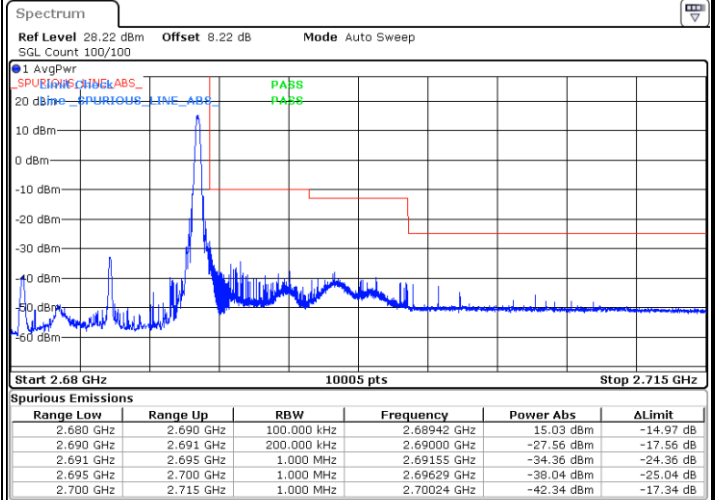
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



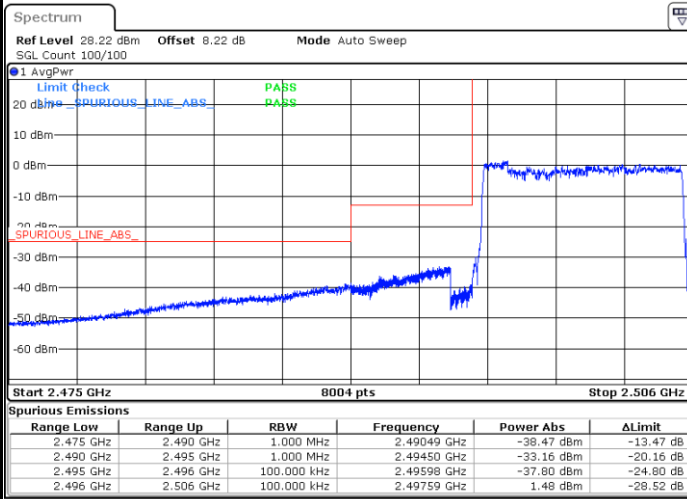
Date: 21.MAY.2020 23:19:42

Highest Band Edge / 1 RB



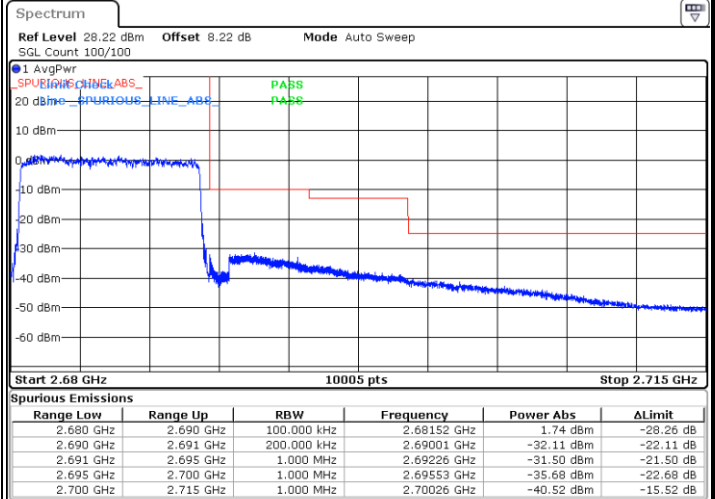
Date: 21.MAY.2020 23:23:07

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:20:50

Highest Band Edge / Full RB

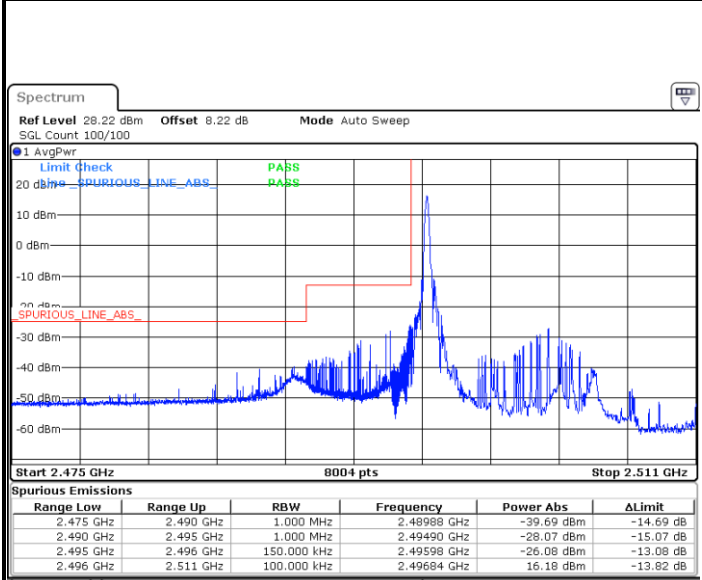


Date: 21.MAY.2020 23:21:59



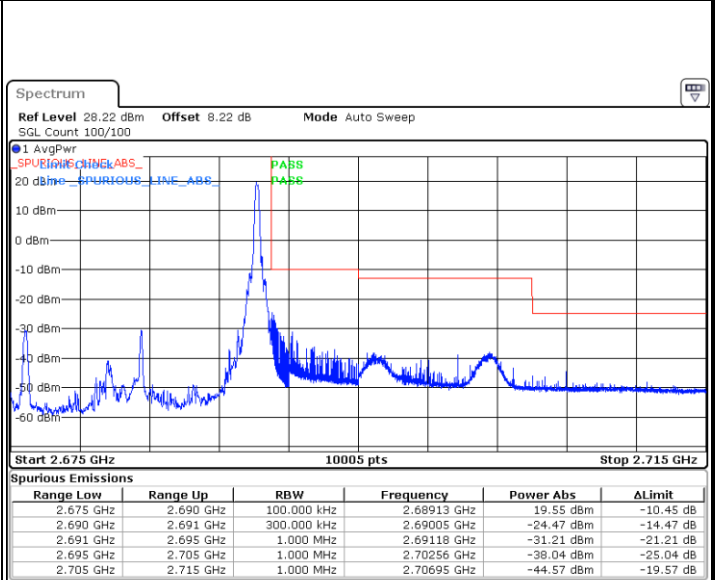
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



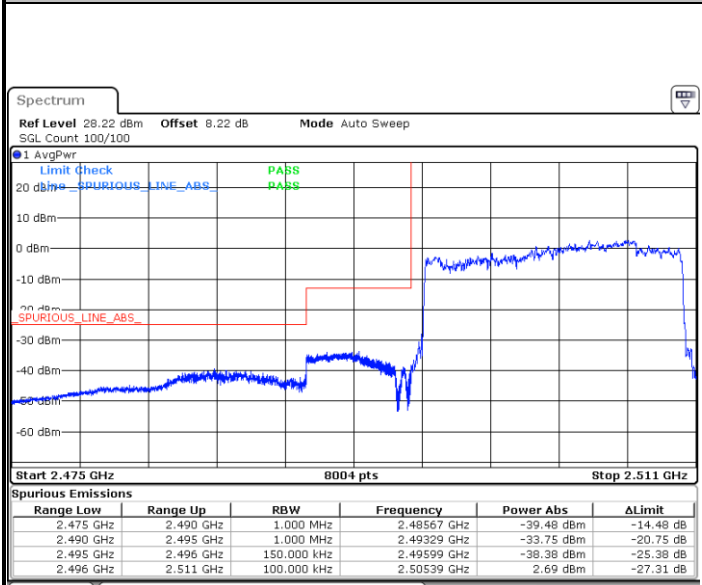
Date: 21.MAY.2020 22:56:57

Highest Band Edge / 1 RB



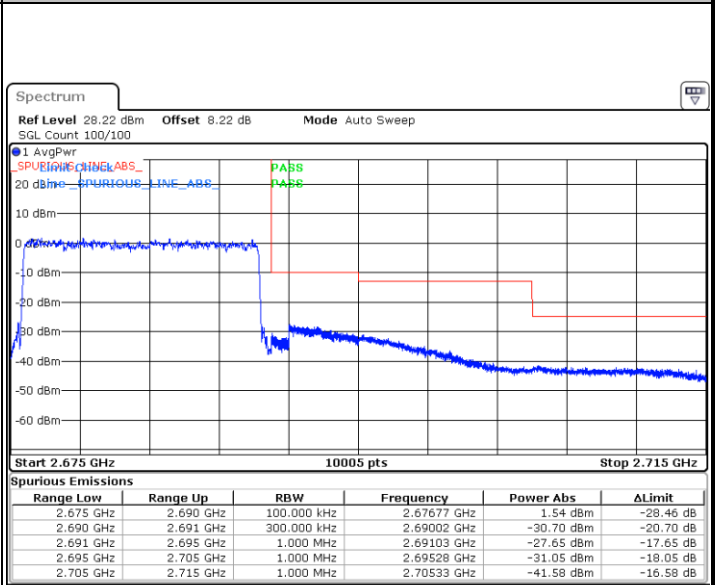
Date: 21.MAY.2020 23:01:30

Lowest Band Edge / Full RB



Date: 21.MAY.2020 22:59:14

Highest Band Edge / Full RB

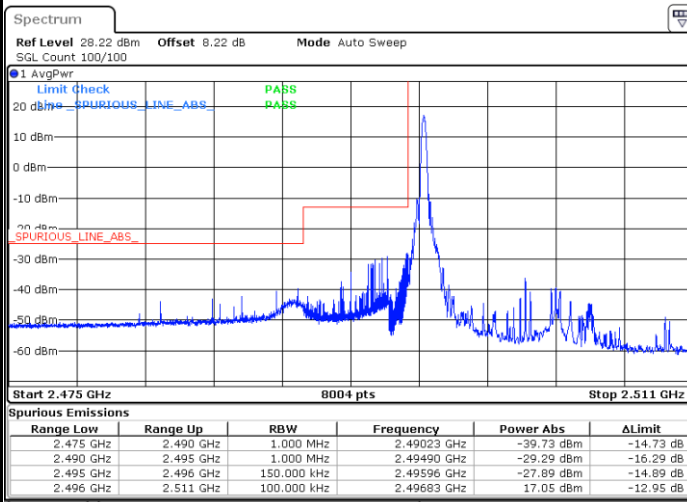


Date: 21.MAY.2020 23:03:47



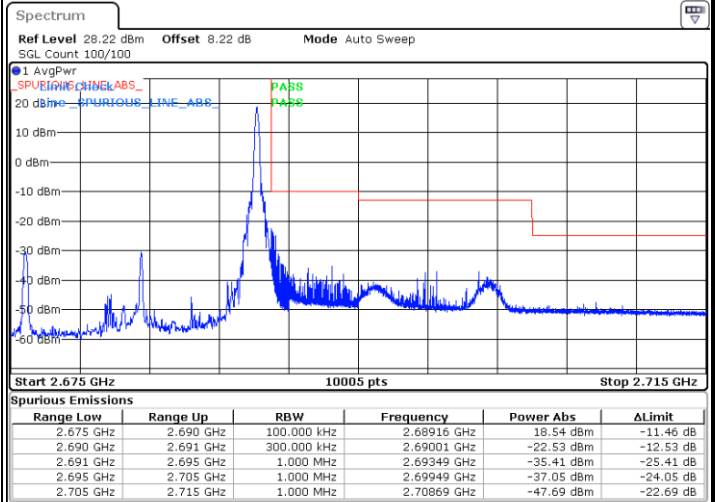
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



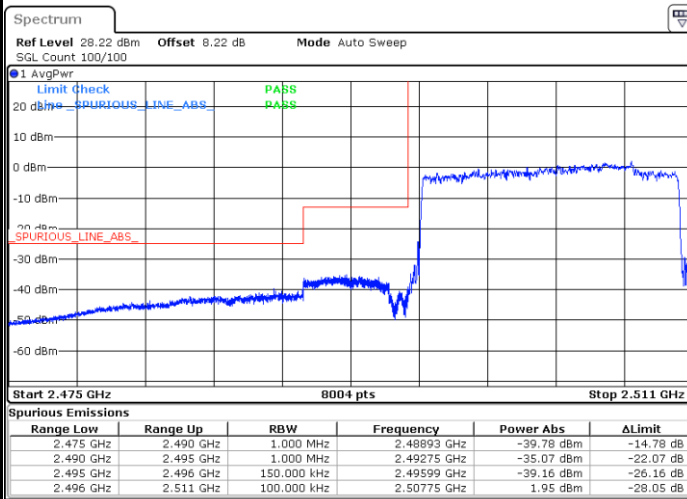
Date: 21.MAY.2020 22:58:05

Highest Band Edge / 1 RB



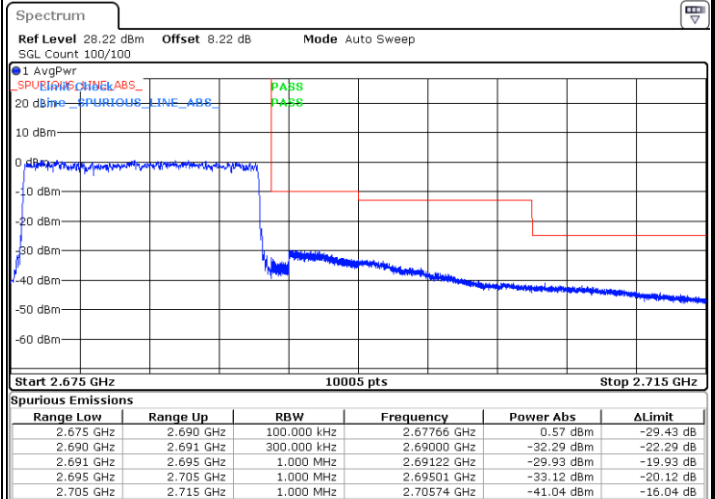
Date: 21.MAY.2020 23:02:38

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:00:22

Highest Band Edge / Full RB

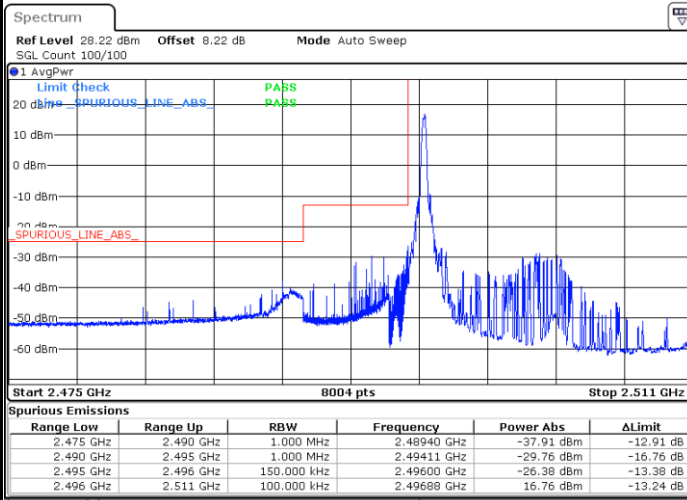


Date: 21.MAY.2020 23:04:55



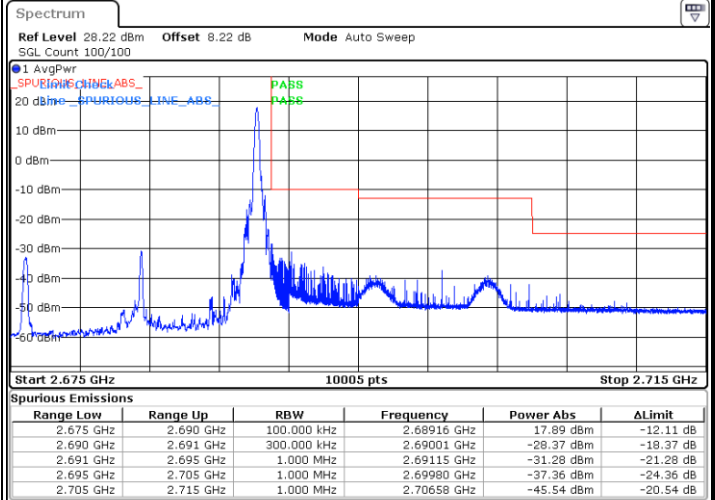
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



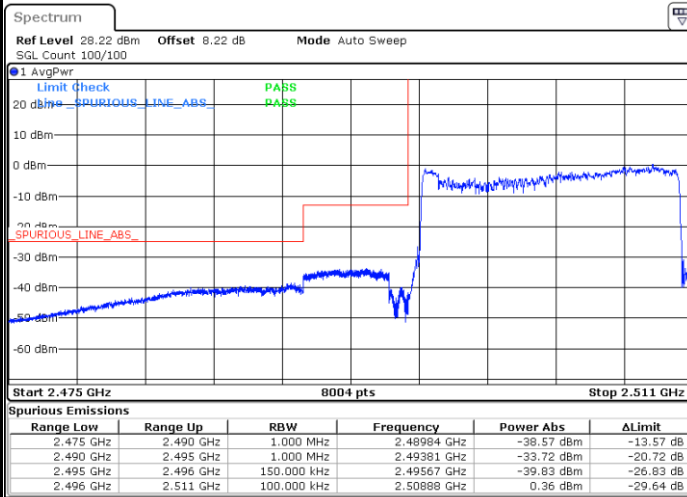
Date: 21.MAY.2020 23:24:15

Highest Band Edge / 1 RB



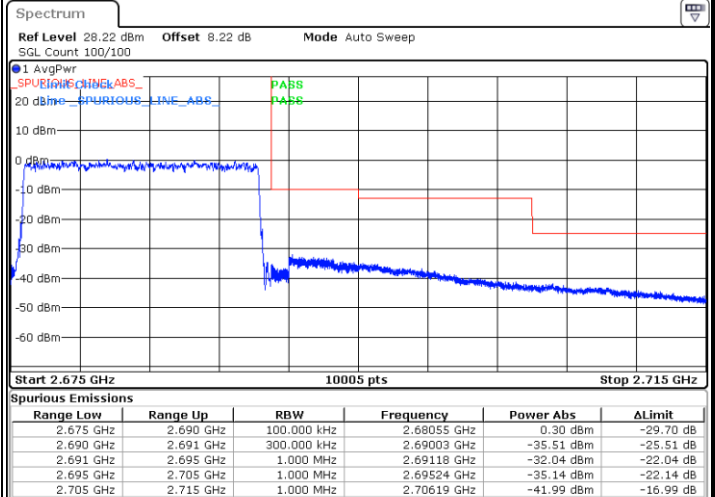
Date: 21.MAY.2020 23:27:40

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:25:23

Highest Band Edge / Full RB

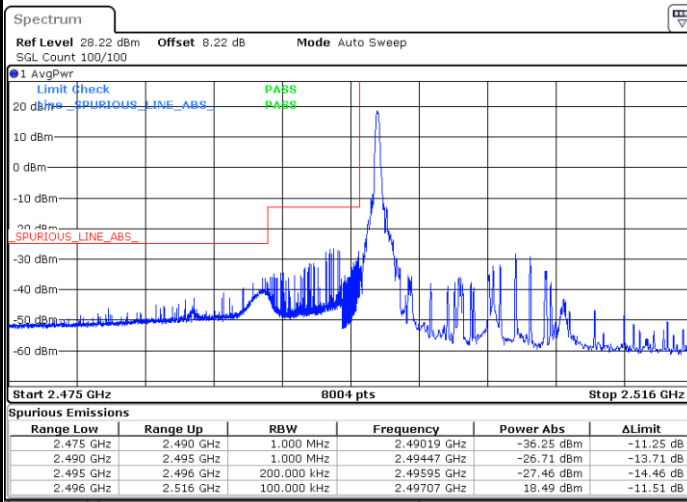


Date: 21.MAY.2020 23:26:32



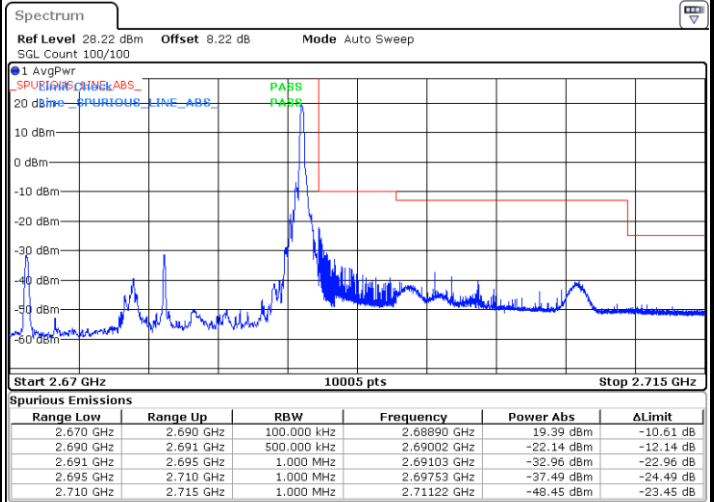
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



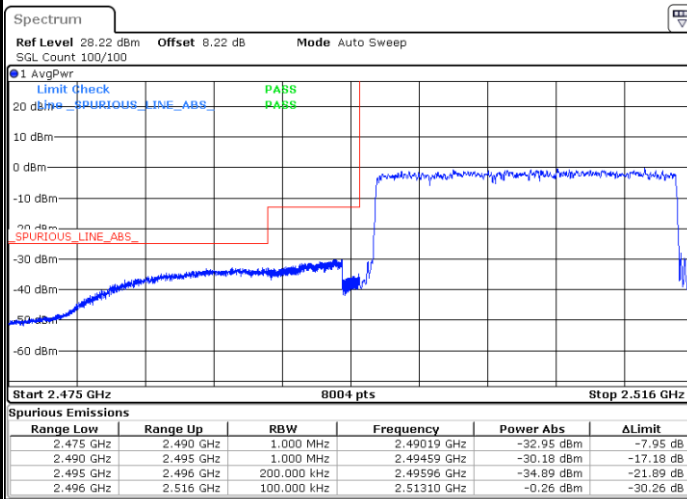
Date: 21.MAY.2020 23:06:03

Highest Band Edge / 1 RB



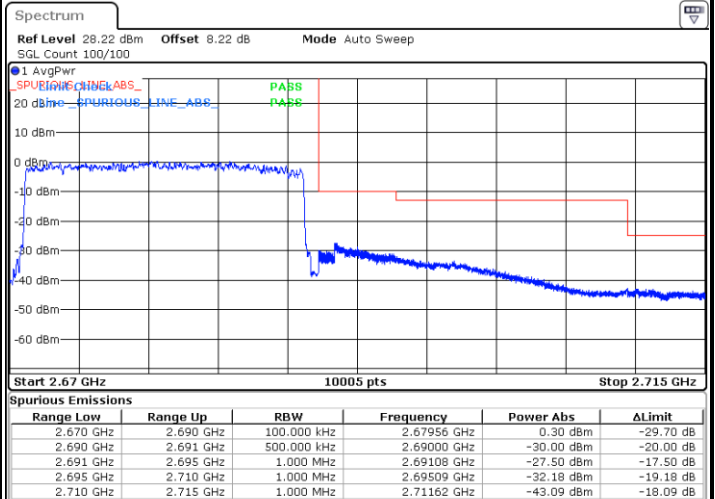
Date: 21.MAY.2020 23:10:36

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:08:20

Highest Band Edge / Full RB

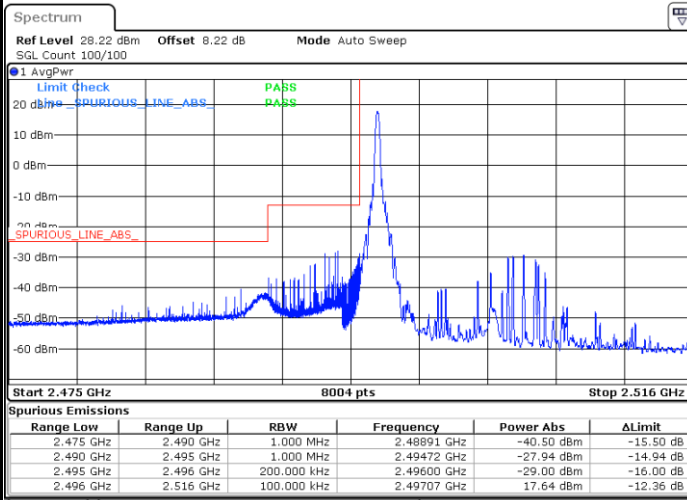


Date: 21.MAY.2020 23:14:01



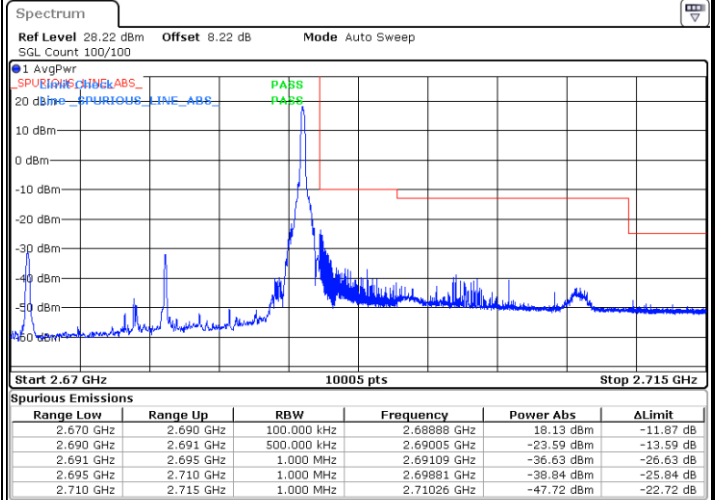
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



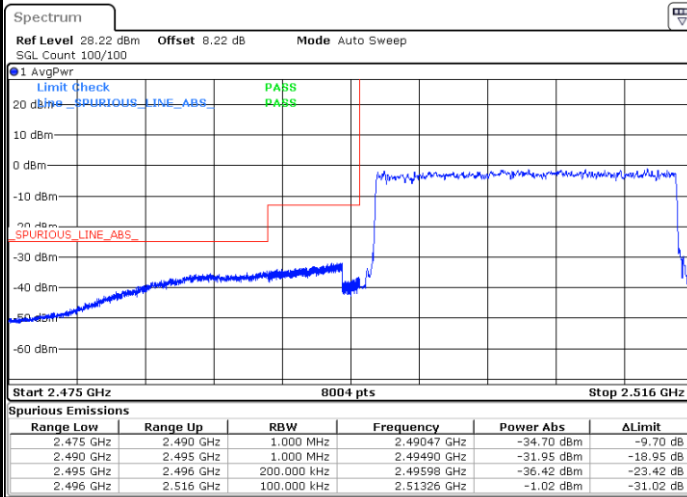
Date: 21.MAY.2020 23:07:11

Highest Band Edge / 1 RB



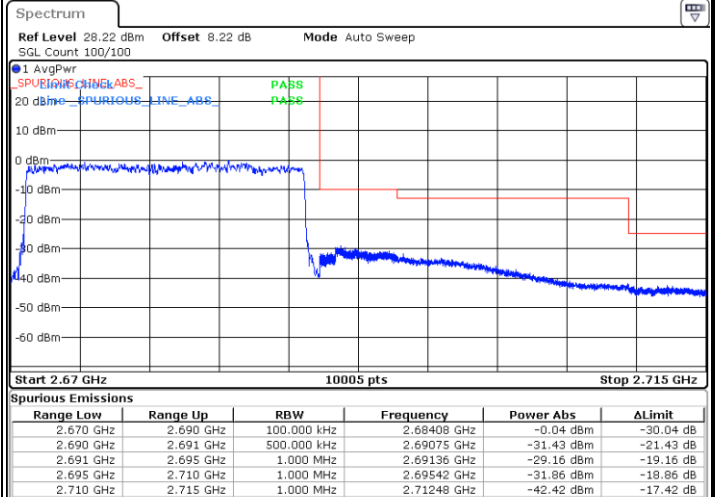
Date: 21.MAY.2020 23:11:44

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:09:28

Highest Band Edge / Full RB

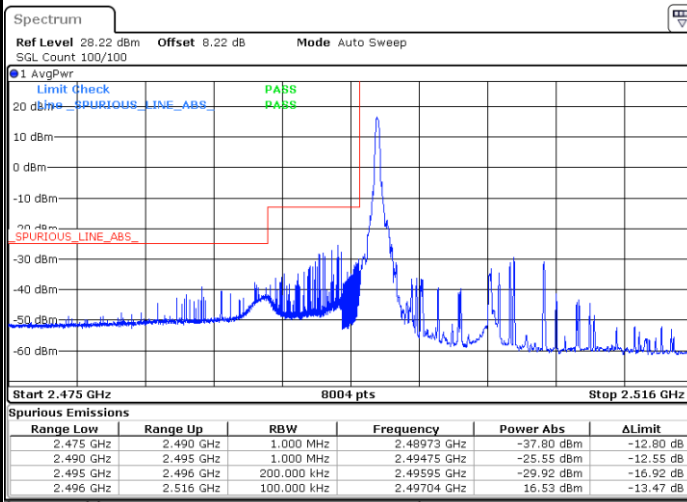


Date: 21.MAY.2020 23:12:53



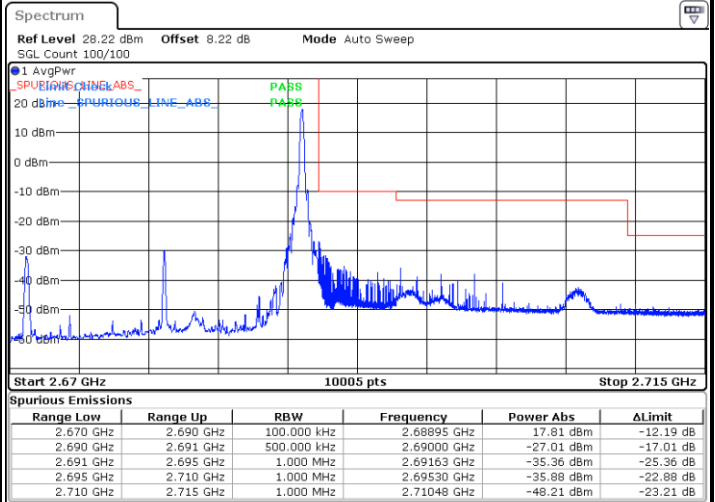
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



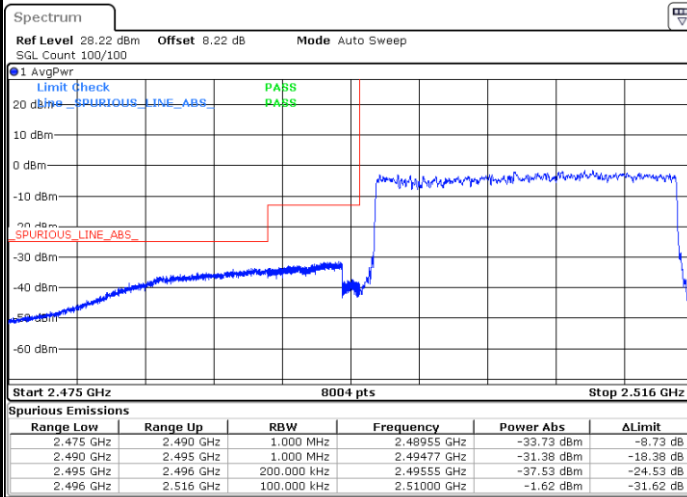
Date: 21.MAY.2020 23:28:48

Highest Band Edge / 1 RB



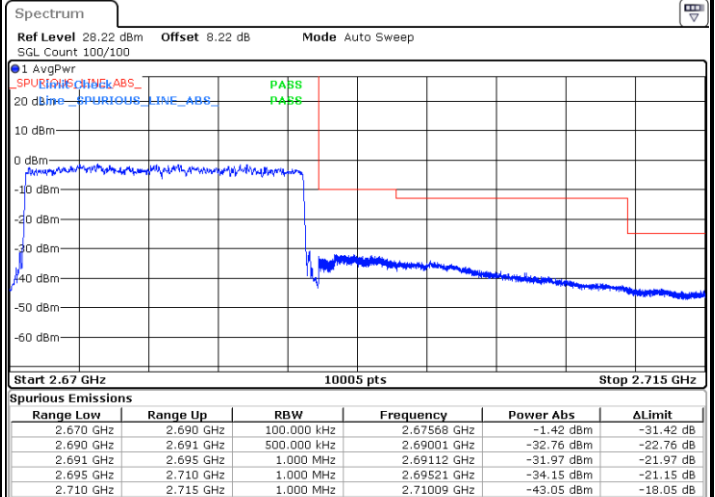
Date: 21.MAY.2020 23:32:13

Lowest Band Edge / Full RB



Date: 21.MAY.2020 23:29:57

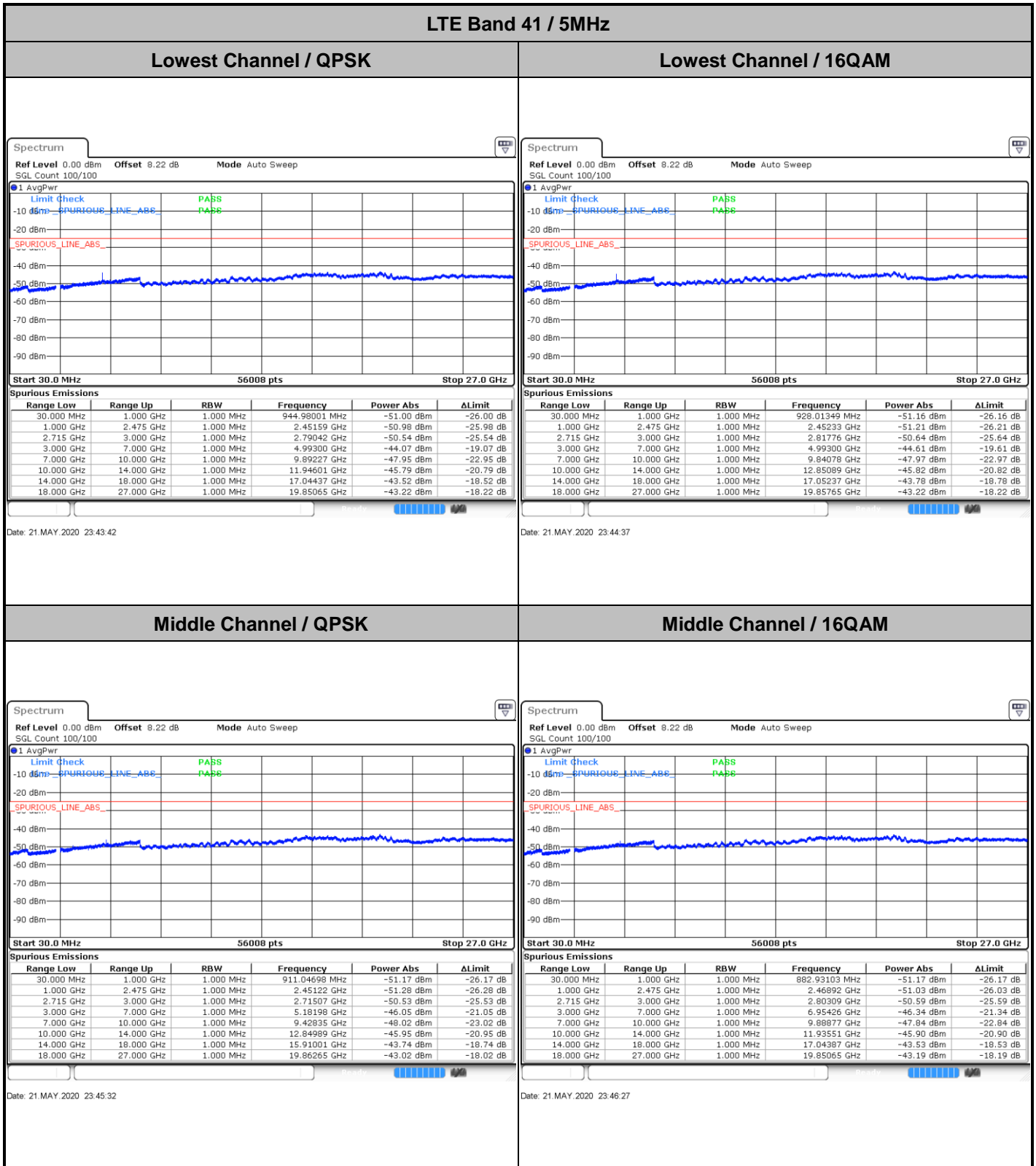
Highest Band Edge / Full RB



Date: 21.MAY.2020 23:31:05



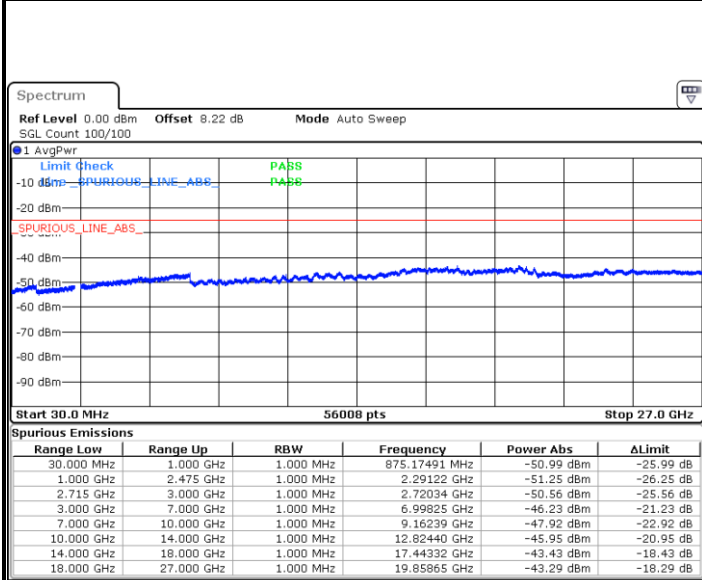
Conducted Spurious Emission





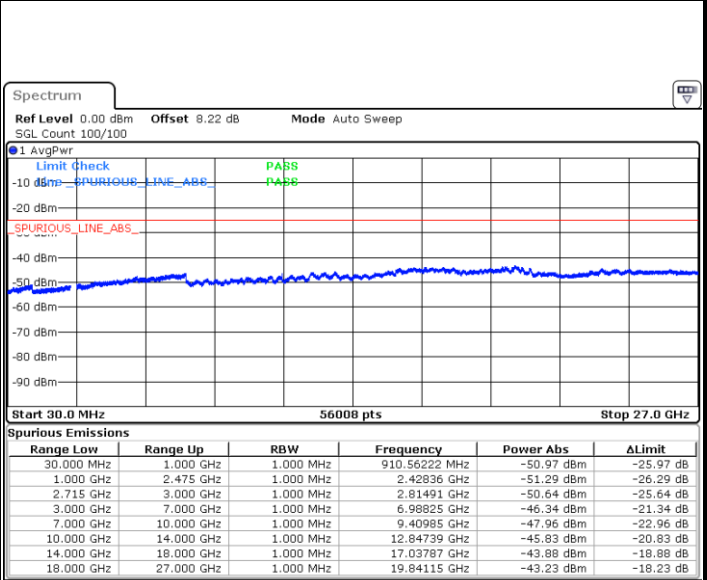
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 21.MAY.2020 23:47:21

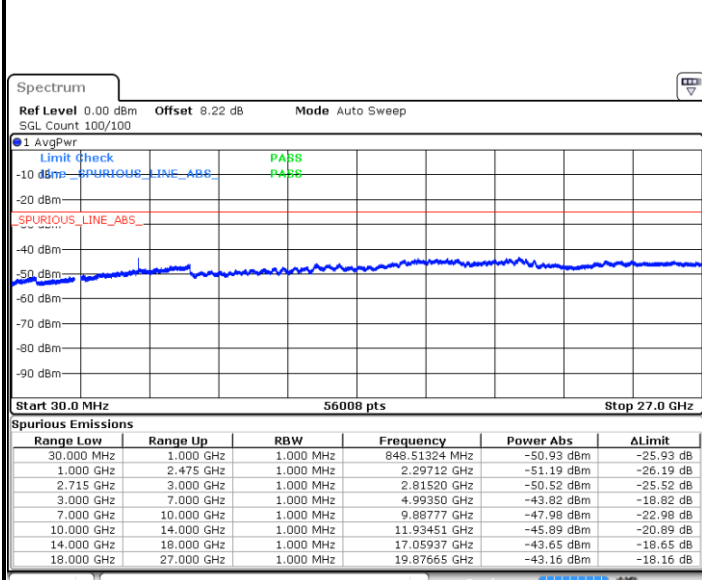
Highest Channel / 16QAM



Date: 21.MAY.2020 23:48:16

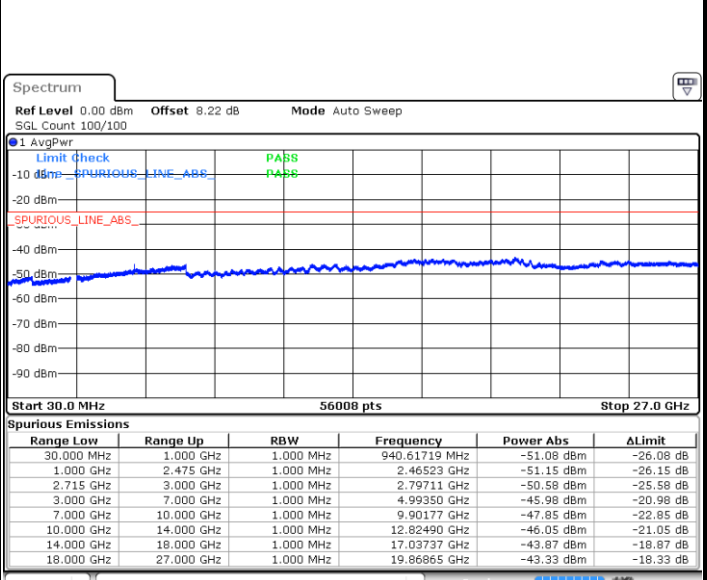
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 21.MAY.2020 23:49:11

Lowest Channel / 16QAM

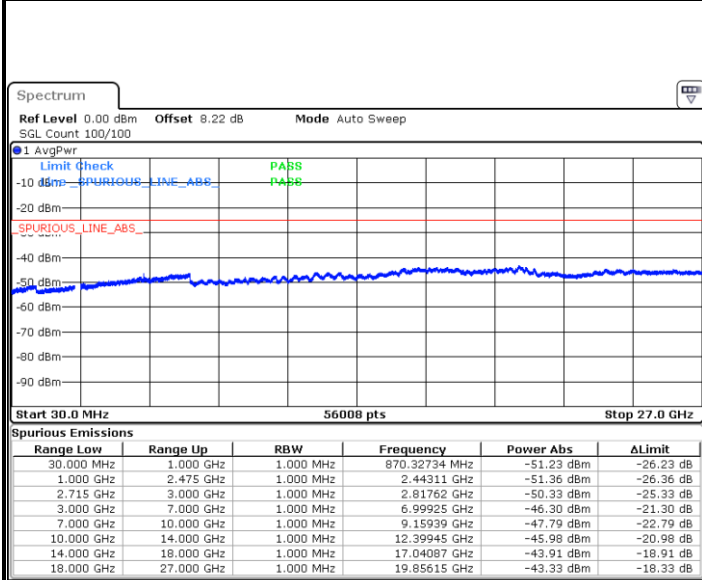


Date: 21.MAY.2020 23:50:06



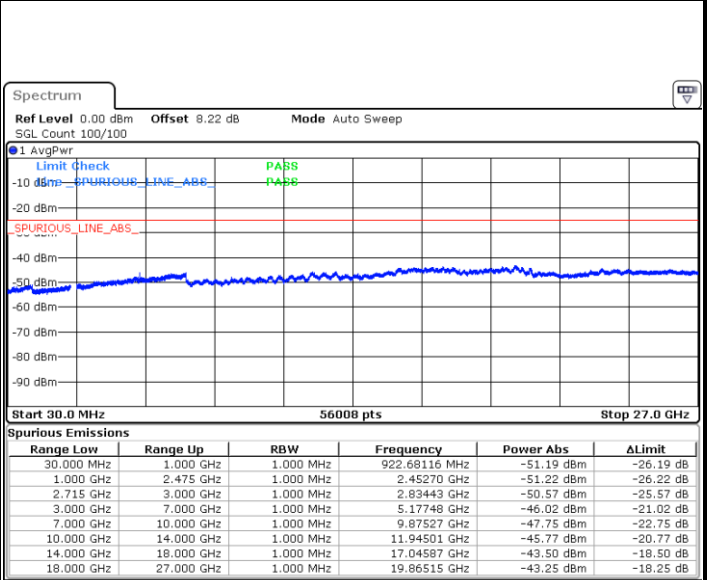
LTE Band 41 / 10MHz

Middle Channel / QPSK



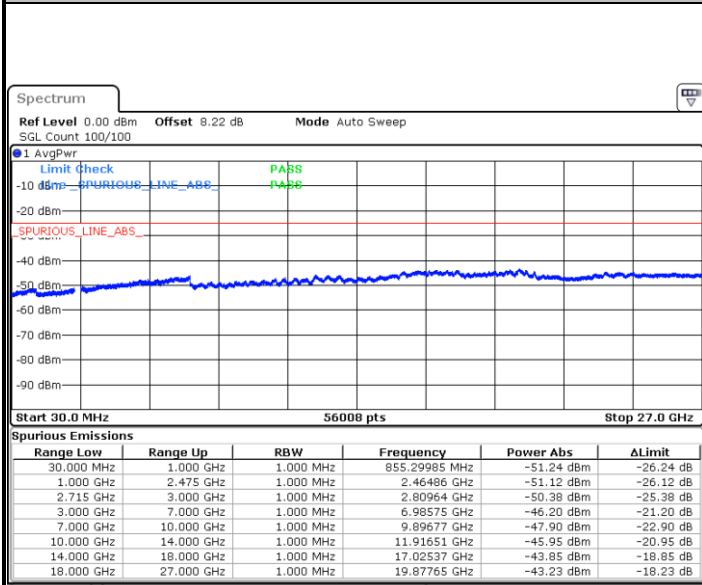
Date: 21 MAY 2020 23:51:01

Middle Channel / 16QAM



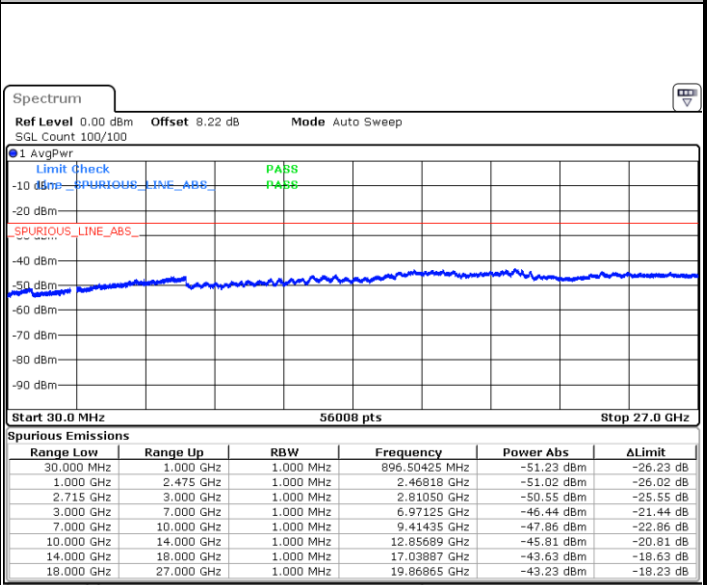
Date: 21 MAY 2020 23:51:55

Highest Channel / QPSK



Date: 21 MAY 2020 23:52:50

Highest Channel / 16QAM



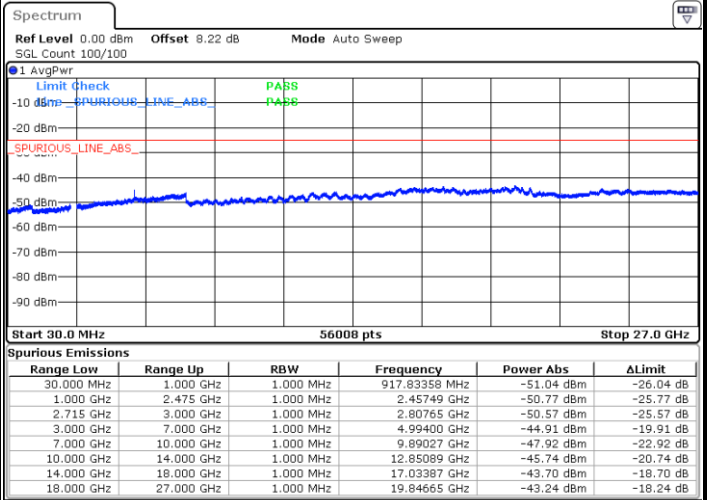
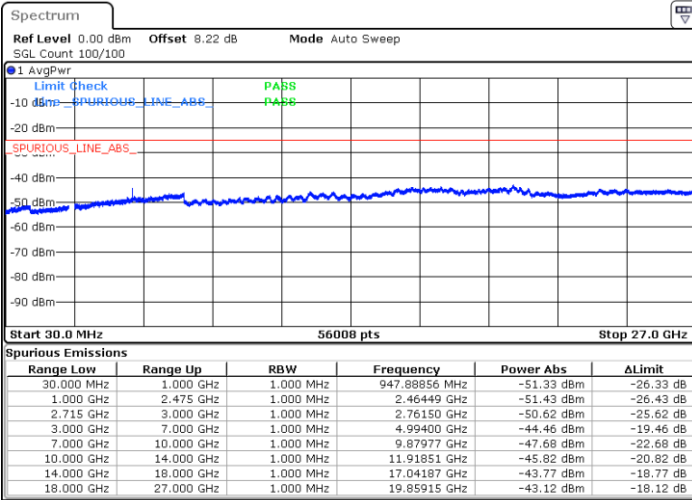
Date: 21 MAY 2020 23:53:45



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

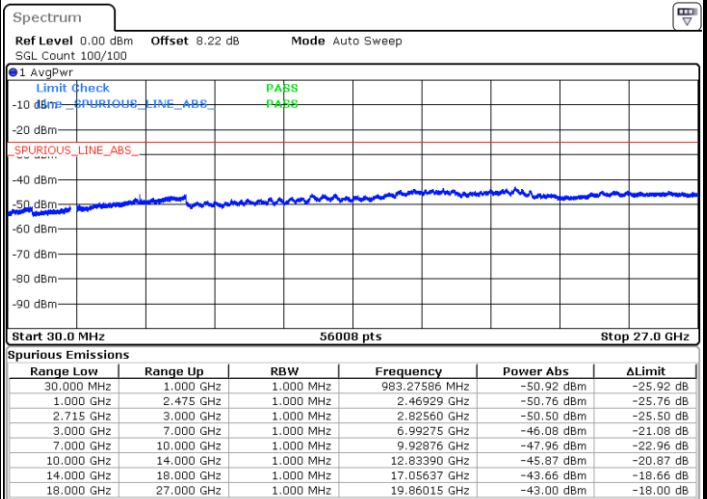
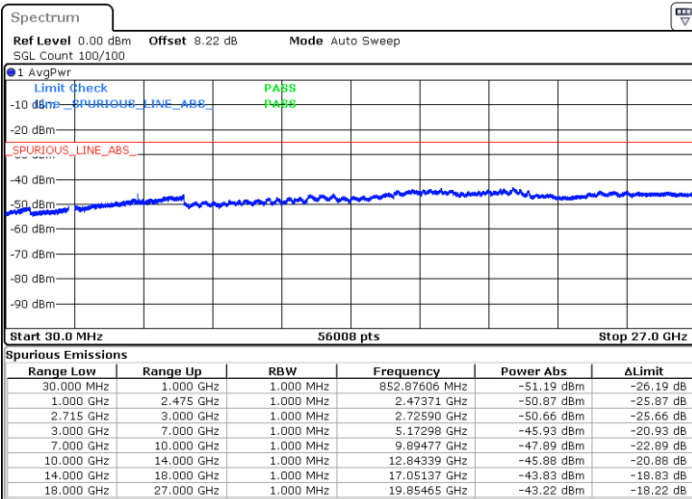


Date: 21.MAY.2020 23:54:40

Date: 21.MAY.2020 23:55:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21.MAY.2020 23:56:29

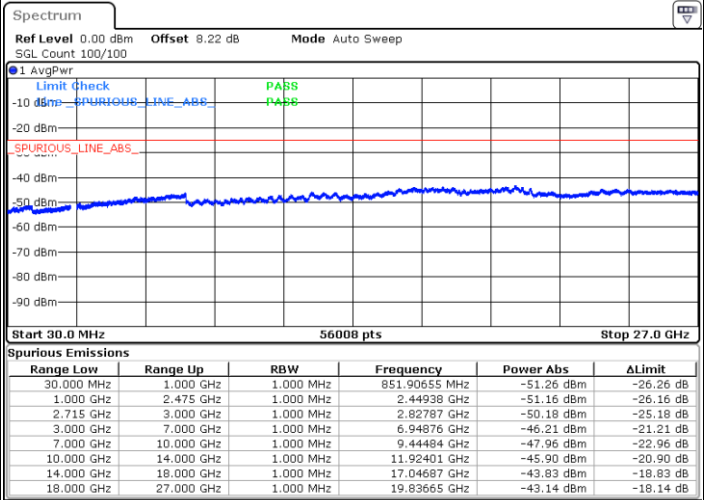
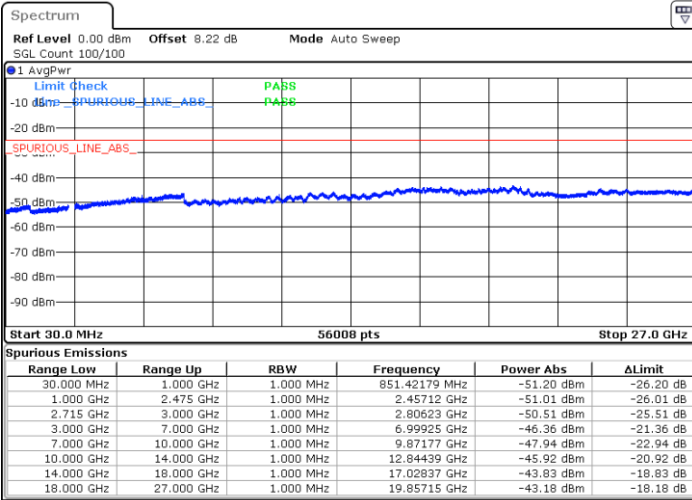
Date: 21.MAY.2020 23:57:24



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



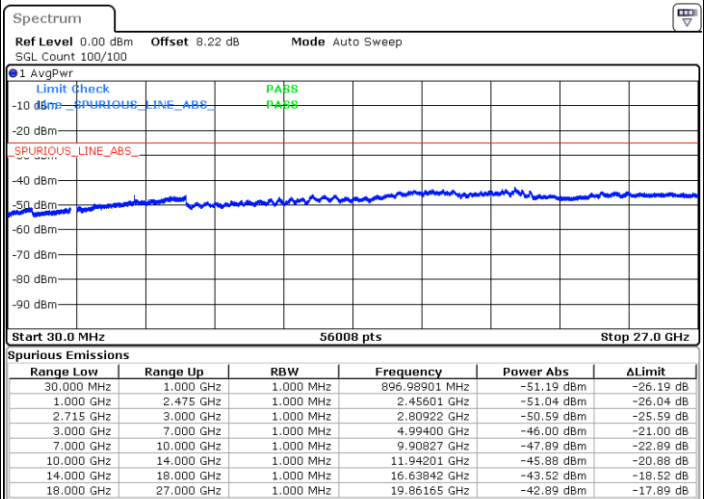
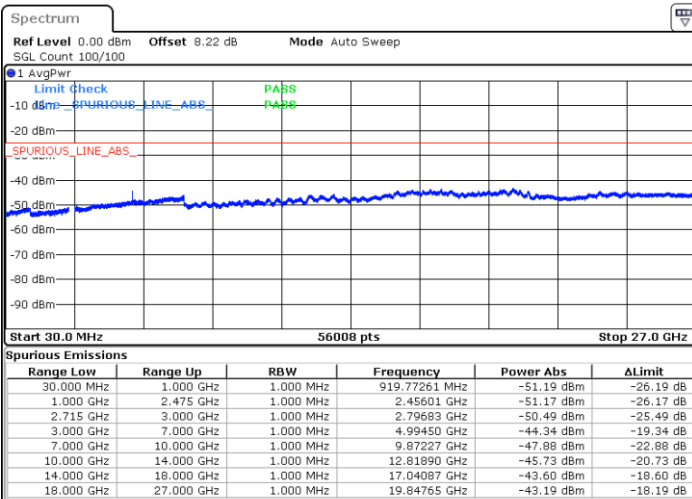
Date: 21 MAY 2020 23:58:19

Date: 21 MAY 2020 23:59:14

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22 MAY 2020 00:00:09

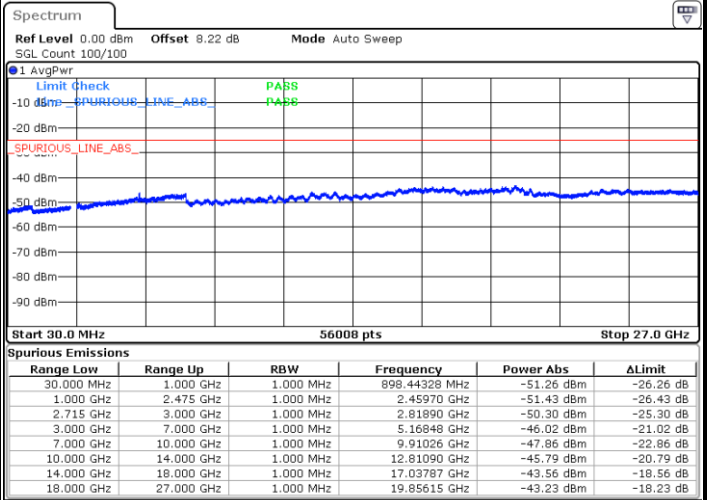
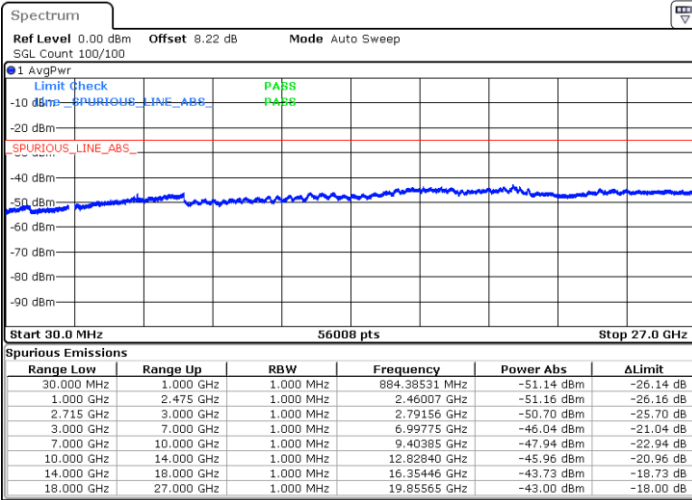
Date: 22 MAY 2020 00:01:03



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

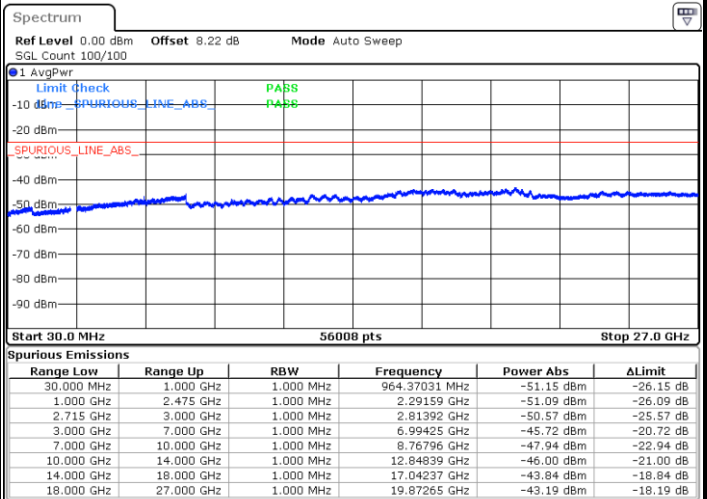
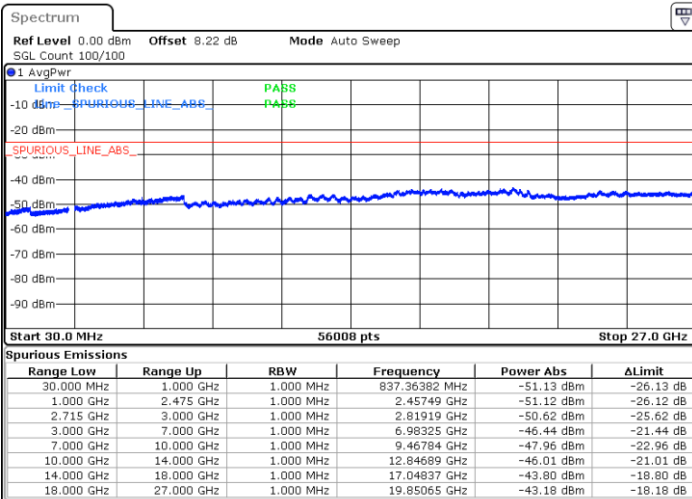


Date: 22 MAY 2020 00:01:58

Date: 22 MAY 2020 00:02:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 MAY 2020 00:03:48

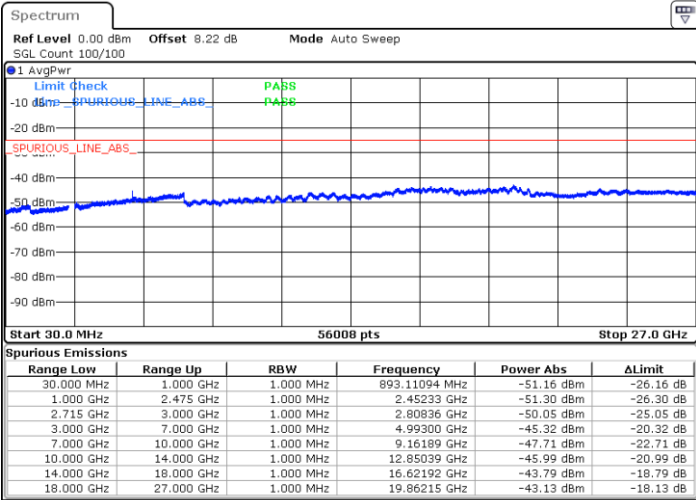
Date: 22 MAY 2020 00:04:43



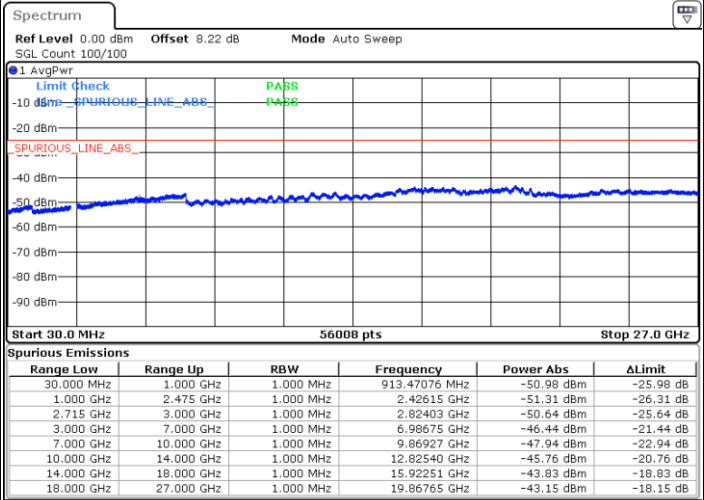
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

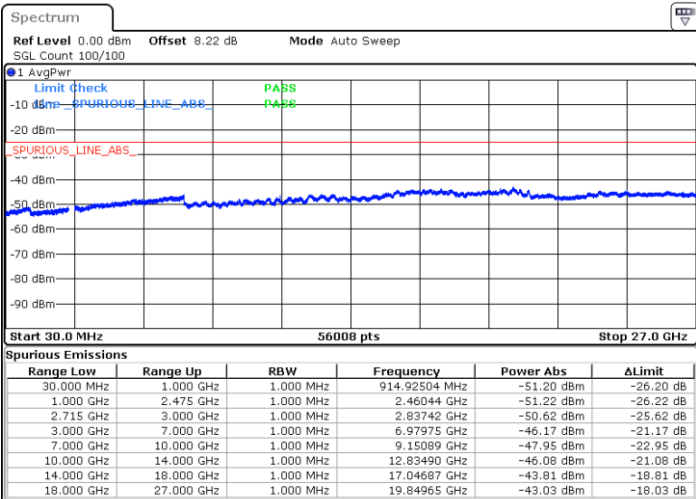


Date: 22 MAY 2020 00:05:37



Date: 22 MAY 2020 00:06:32

Highest Channel / 64QAM

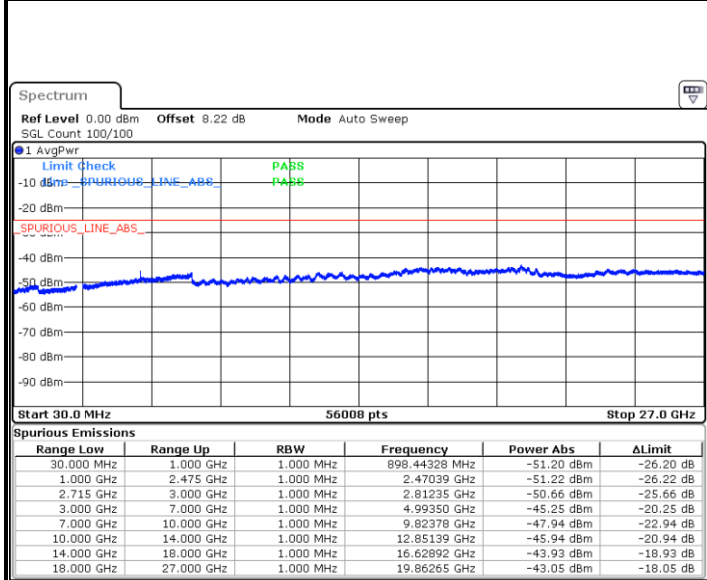


Date: 22 MAY 2020 00:07:27



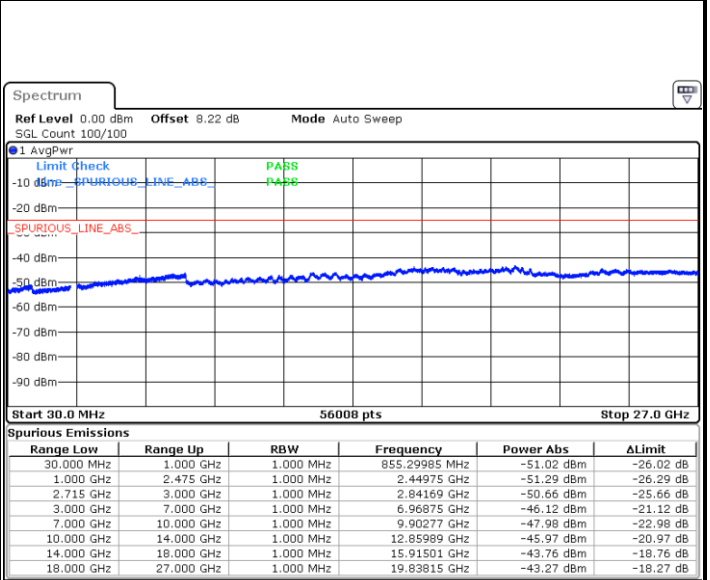
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



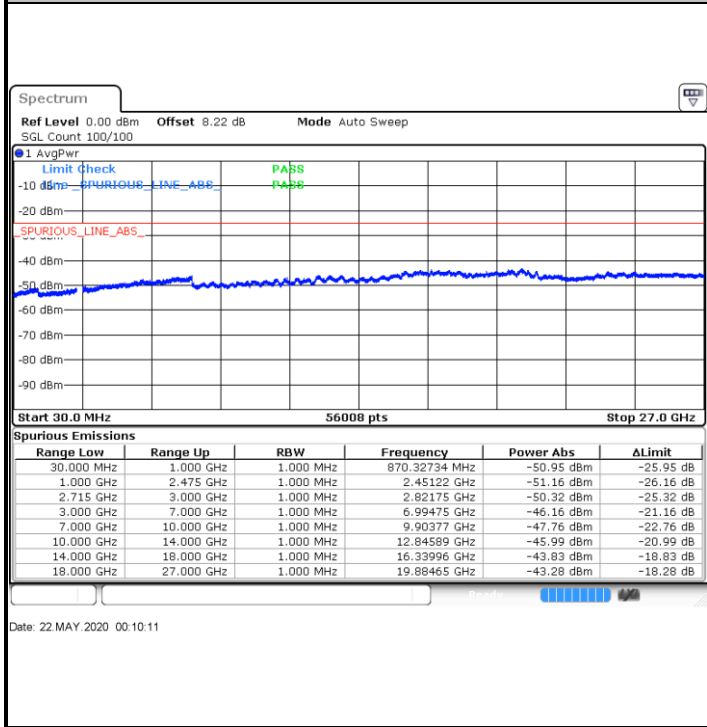
Date: 22 MAY 2020 00:08:22

Middle Channel / 64QAM



Date: 22 MAY 2020 00:09:17

Highest Channel / 64QAM



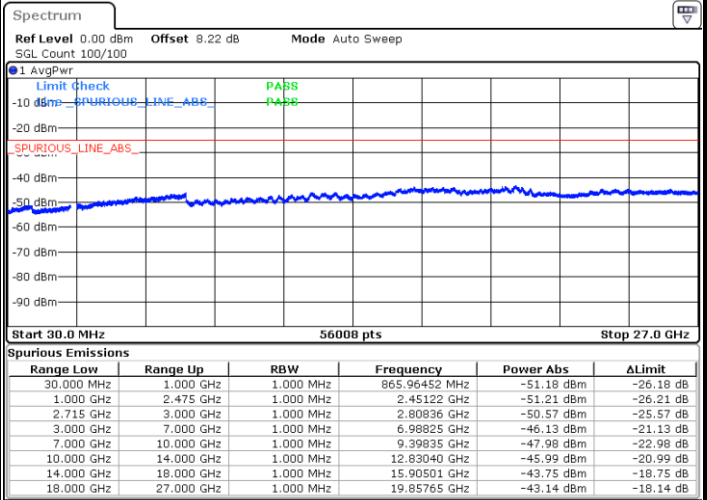
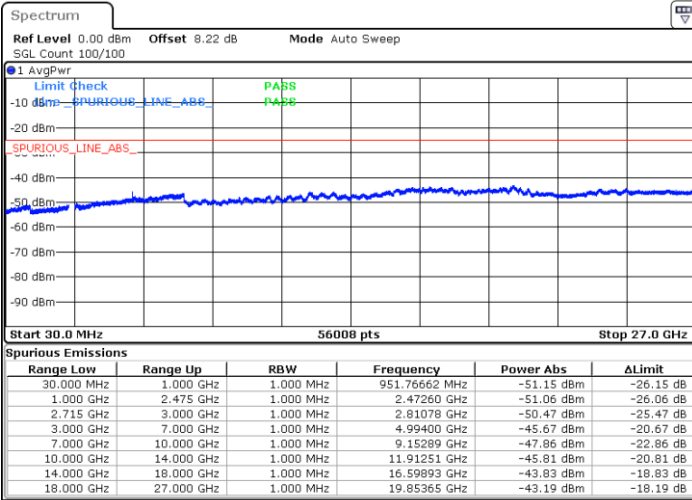
Date: 22 MAY 2020 00:10:11



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

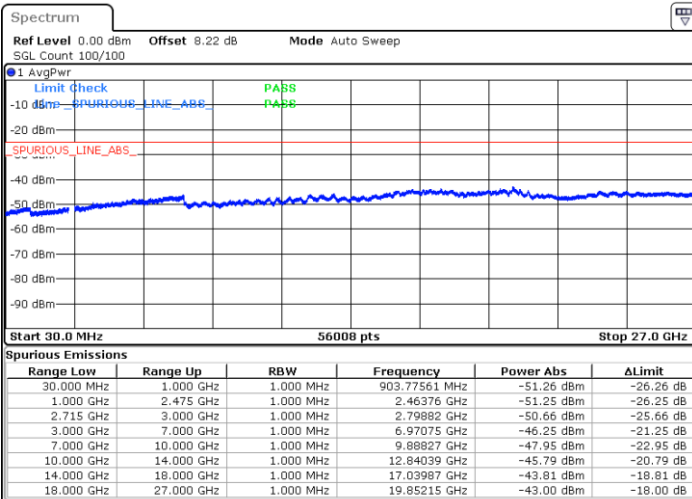
Middle Channel / 64QAM



Date: 22 MAY 2020 00:11:06

Date: 22 MAY 2020 00:12:01

Highest Channel / 64QAM



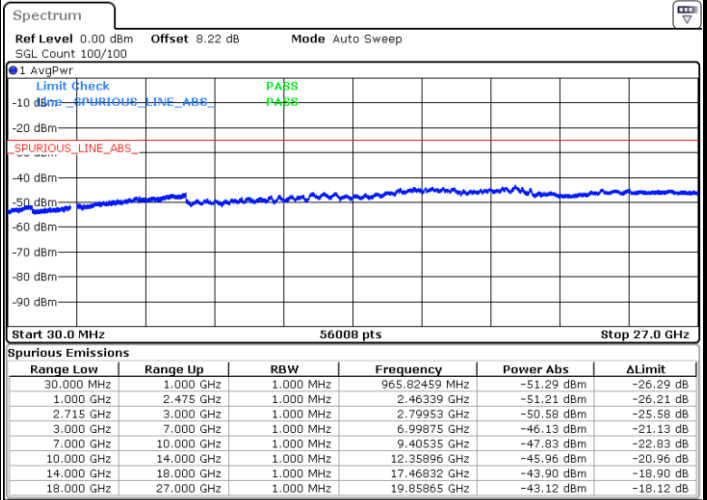
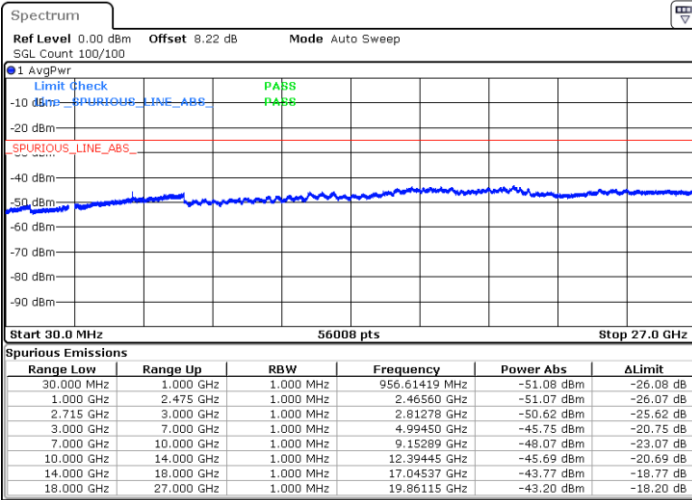
Date: 22 MAY 2020 00:12:56



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

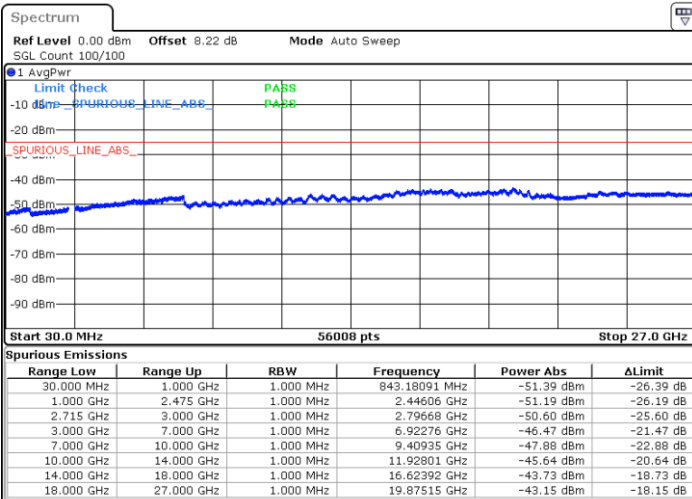
Middle Channel / 64QAM



Date: 22 MAY 2020 00:13:50

Date: 22 MAY 2020 00:14:45

Highest Channel / 64QAM



Date: 22 MAY 2020 00:15:40



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	0.0027	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.33	30.63
Middle CH	29.79	-	25.38	30.69
Highest CH	29.79	-	25.43	30.57
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.09	35.25	39.64
Middle CH	34.97	30.09	35.18	40.12
Highest CH	34.97	30.09	35.25	39.80

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.23	30.51
Middle CH	29.85	-	25.33	30.63
Highest CH	29.85	-	25.23	30.51
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	30.09	35.11	39.80
Middle CH	35.11	30.03	35.04	39.56
Highest CH	34.76	29.97	35.11	39.80

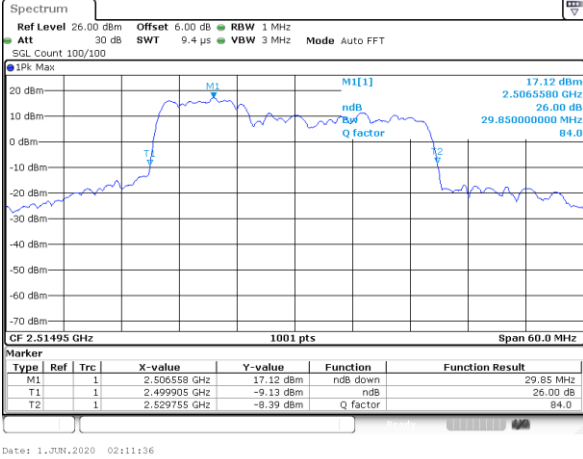
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.97	-	25.13	30.57
Middle CH	29.85	-	25.23	30.63
Highest CH	29.73	-	25.48	30.63
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.09	34.97	39.96
Middle CH	34.76	30.15	35.04	39.80
Highest CH	34.69	30.09	35.25	39.80



LTE Band 7C

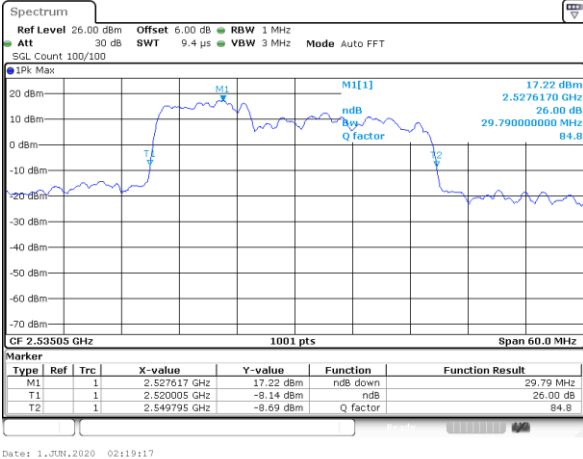
QPSK

Lowest Channel / 10MHz+20MHz



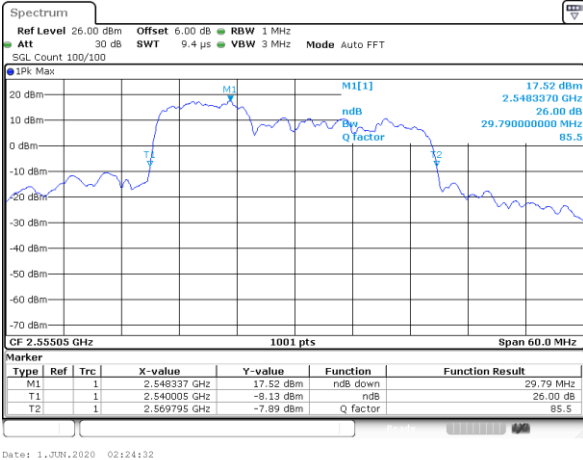
Date: 1..JUN.2020 02:11:36

Middle Channel / 10MHz+20MHz



Date: 1..JUN.2020 02:19:17

Highest Channel / 10MHz+20MHz



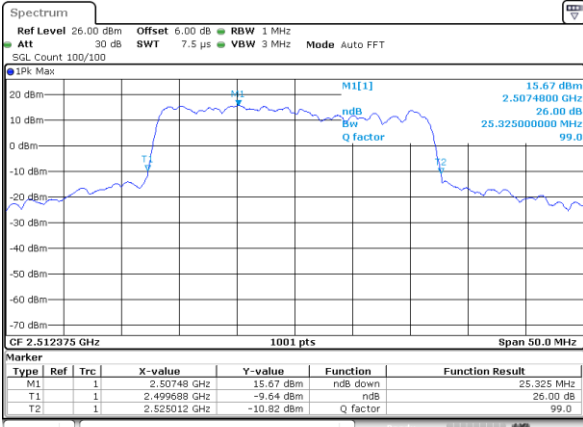
Date: 1..JUN.2020 02:24:32



LTE Band 7C

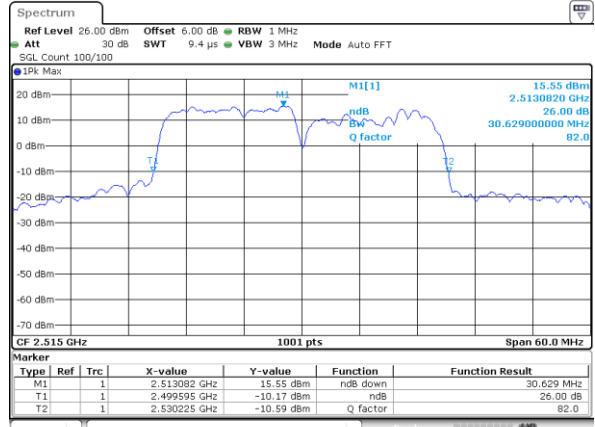
QPSK

Lowest Channel / 15MHz+10MHz



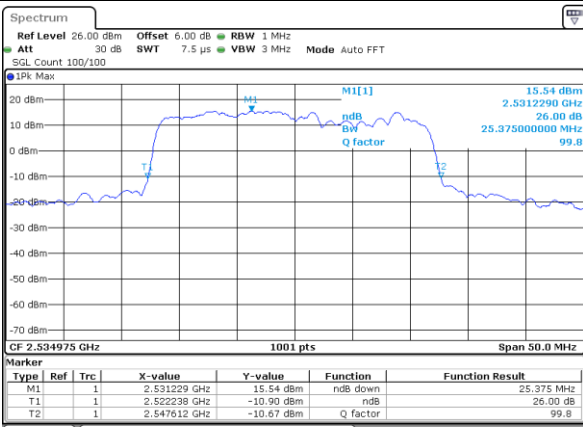
Date: 1..JUN.2020 02:32:21

Lowest Channel / 15MHz+15MHz



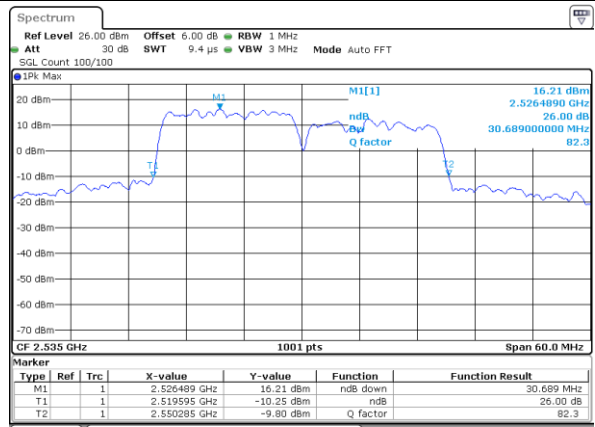
Date: 1..JUN.2020 01:20:01

Middle Channel / 15MHz+10MHz



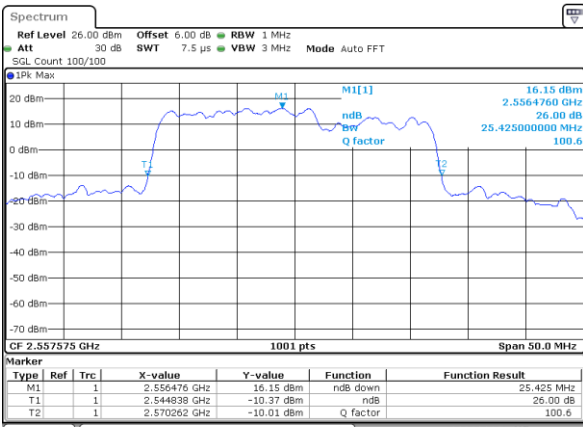
Date: 1..JUN.2020 02:14:31

Middle Channel / 15MHz+15MHz



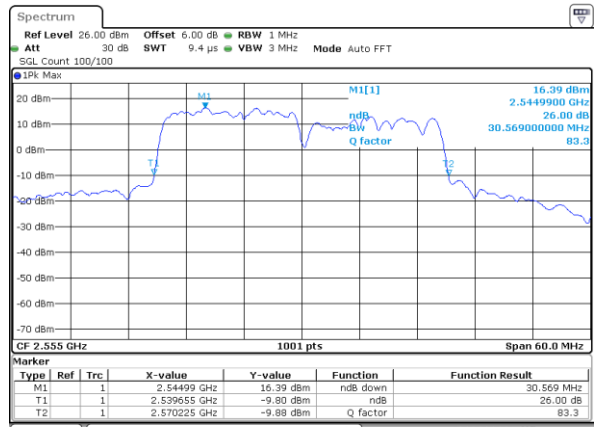
Date: 1..JUN.2020 01:14:06

Highest Channel / 15MHz+10MHz



Date: 1..JUN.2020 02:14:08

Highest Channel / 15MHz+15MHz



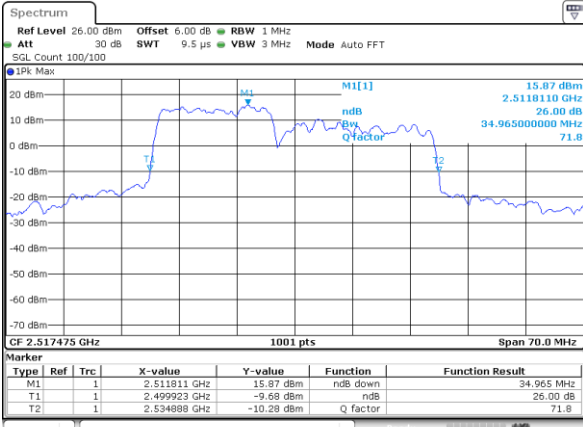
Date: 1..JUN.2020 01:14:52



LTE Band 7C

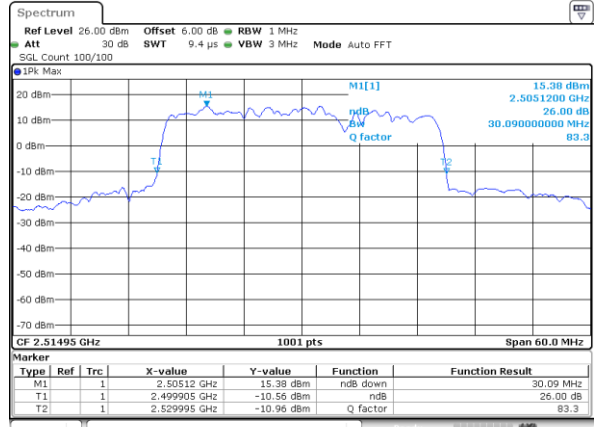
QPSK

Lowest Channel / 15MHz+20MHz



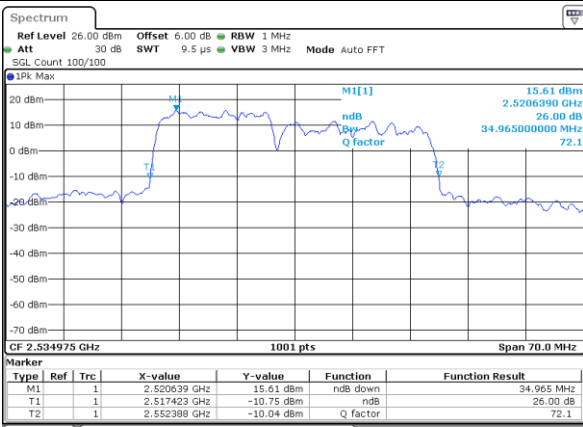
Date: 1 JUN 2020 00:44:14

Lowest Channel / 20MHz+10MHz



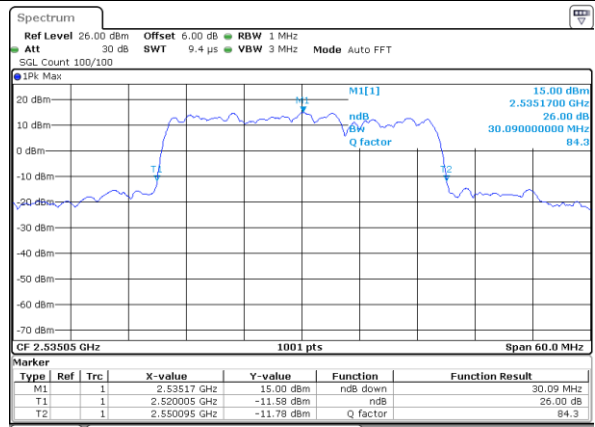
Date: 1 JUN 2020 01:52:50

Middle Channel / 15MHz+20MHz



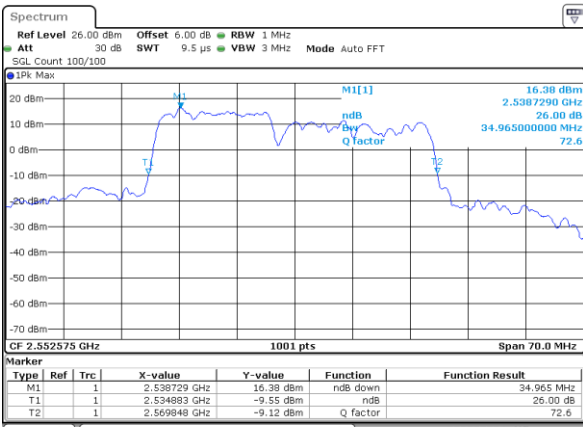
Date: 1 JUN 2020 00:56:29

Middle Channel / 20MHz+10MHz



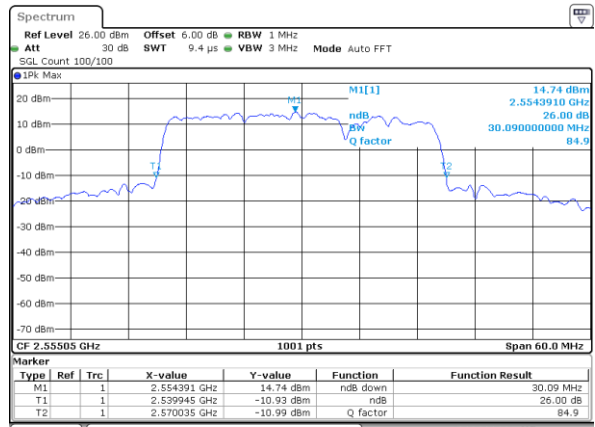
Date: 1 JUN 2020 02:00:22

Highest Channel / 15MHz+20MHz



Date: 1 JUN 2020 01:10:06

Highest Channel / 20MHz+10MHz



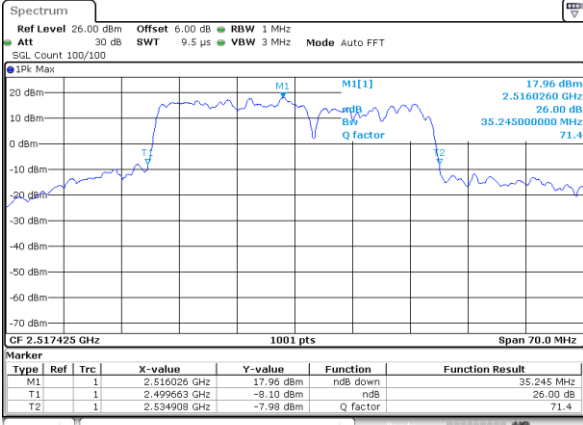
Date: 1 JUN 2020 02:05:04



LTE Band 7C

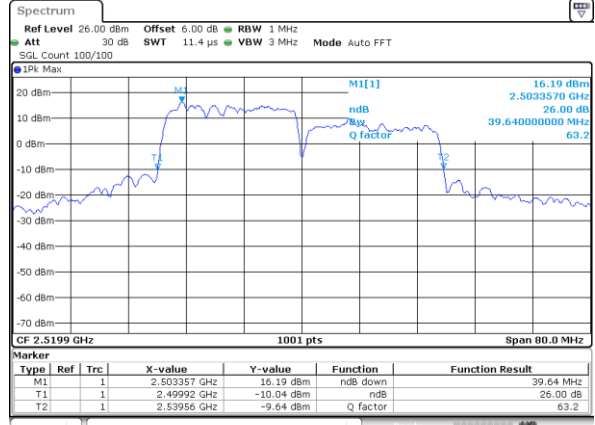
QPSK

Lowest Channel / 20MHz+15MHz



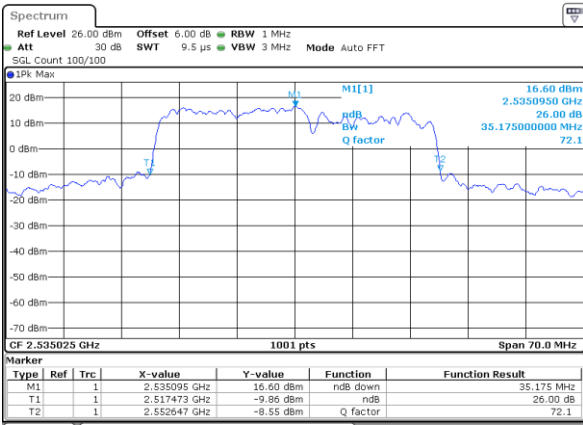
Date: 1..JUN.2020 00:08:17

Lowest Channel / 20MHz+20MHz



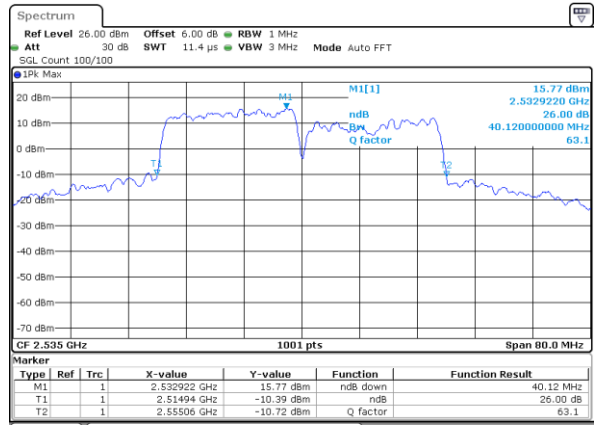
Date: 31.MAY.2020 23:24:32

Middle Channel / 20MHz+15MHz



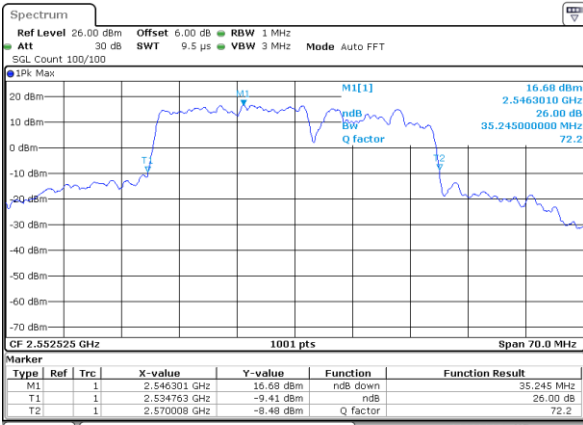
Date: 1..JUN.2020 00:27:12

Middle Channel / 20MHz+20MHz



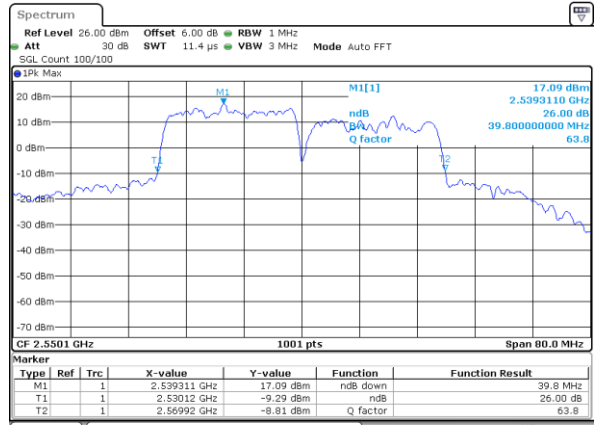
Date: 31.MAY.2020 23:36:59

Highest Channel / 20MHz+15MHz



Date: 1..JUN.2020 00:34:03

Highest Channel / 20MHz+20MHz



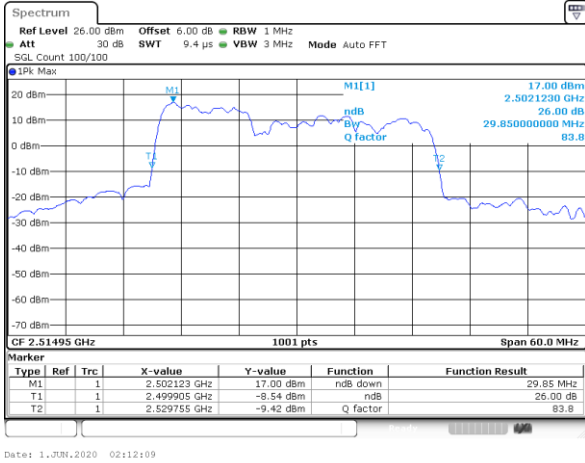
Date: 31.MAY.2020 23:38:17



LTE Band 7C

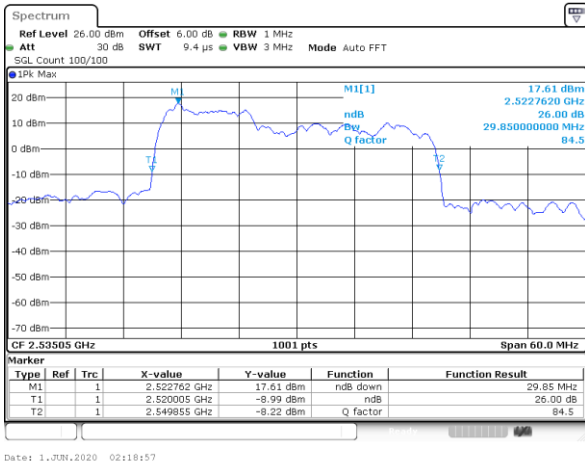
16QAM

Lowest Channel / 10MHz+20MHz



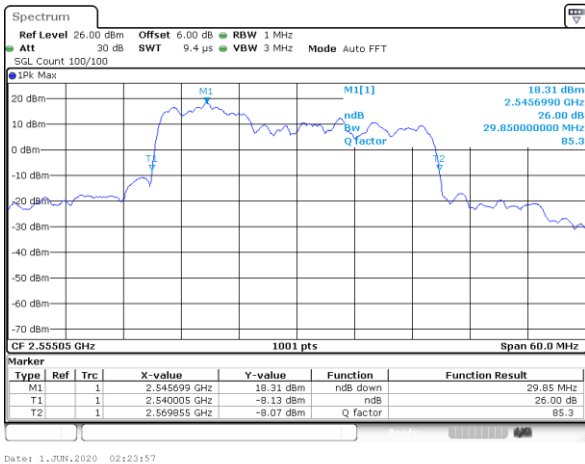
Date: 1..JUN.2020 02:12:09

Middle Channel / 10MHz+20MHz



Date: 1..JUN.2020 02:18:57

Highest Channel / 10MHz+20MHz



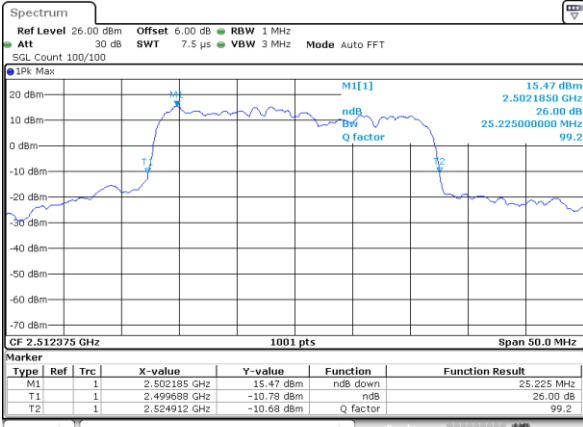
Date: 1..JUN.2020 02:23:57



LTE Band 7C

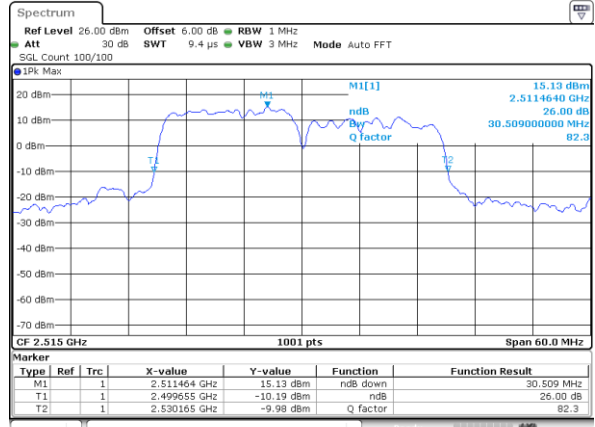
16QAM

Lowest Channel / 15MHz+10MHz



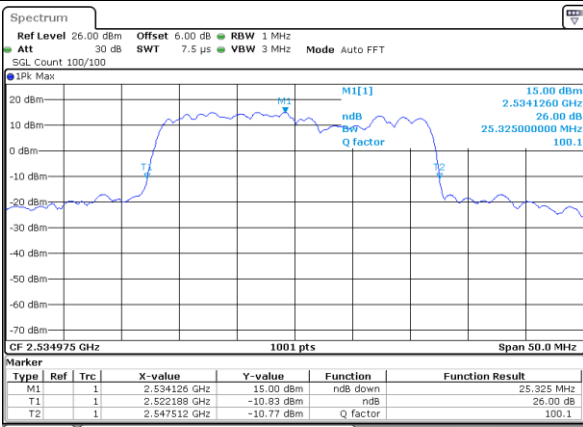
Date: 1..JUN.2020 02:32:58

Lowest Channel / 15MHz+15MHz



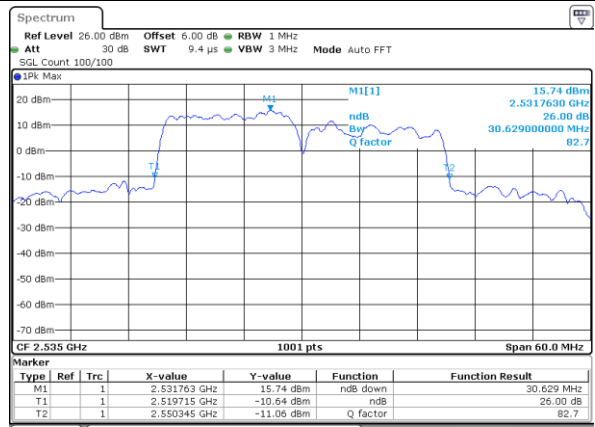
Date: 1..JUN.2020 01:29:38

Middle Channel / 15MHz+10MHz



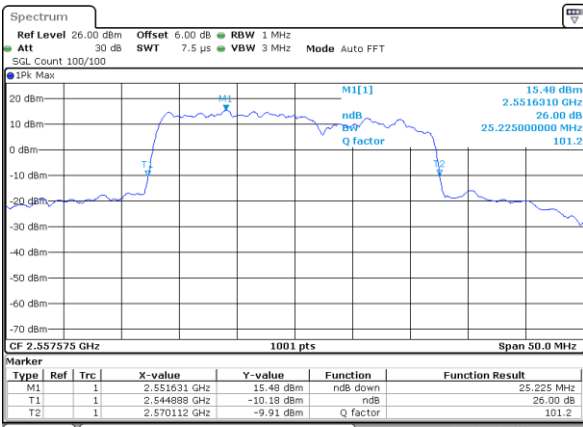
Date: 1..JUN.2020 02:10:11

Middle Channel / 15MHz+15MHz



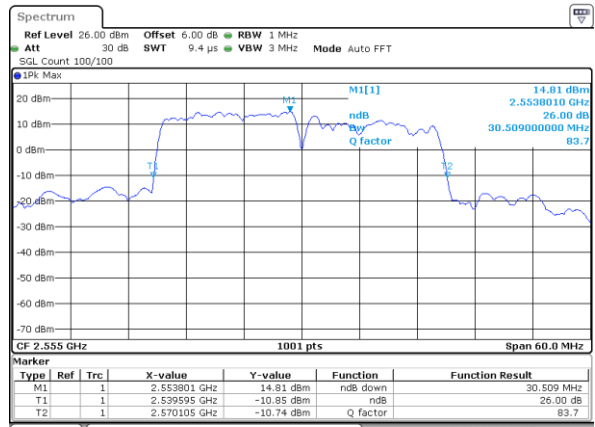
Date: 1..JUN.2020 01:39:43

Highest Channel / 15MHz+10MHz



Date: 1..JUN.2020 02:45:08

Highest Channel / 15MHz+15MHz



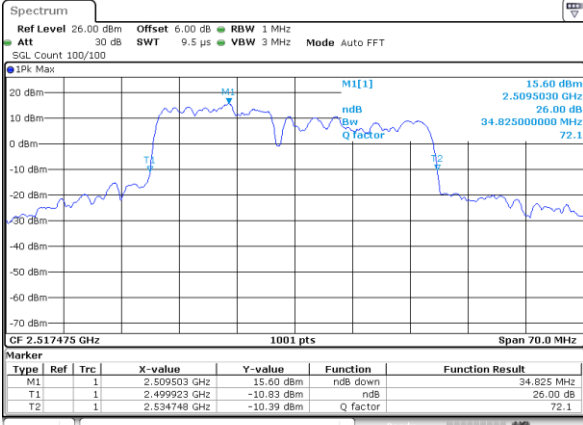
Date: 1..JUN.2020 01:44:18



LTE Band 7C

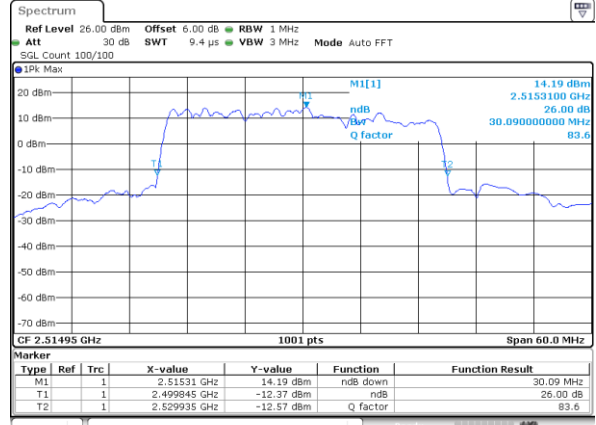
16QAM

Lowest Channel / 15MHz+20MHz



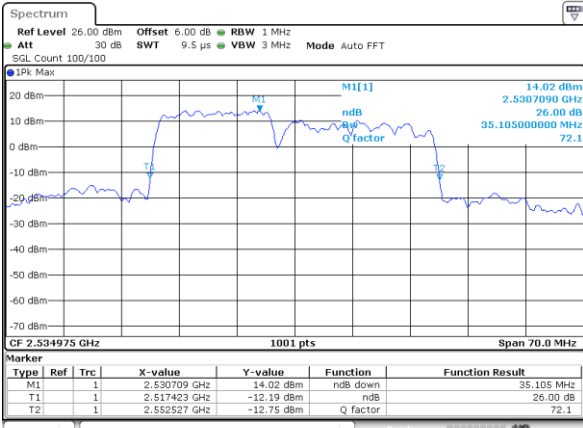
Date: 1..JUN.2020 00:45:23

Lowest Channel / 20MHz+10MHz



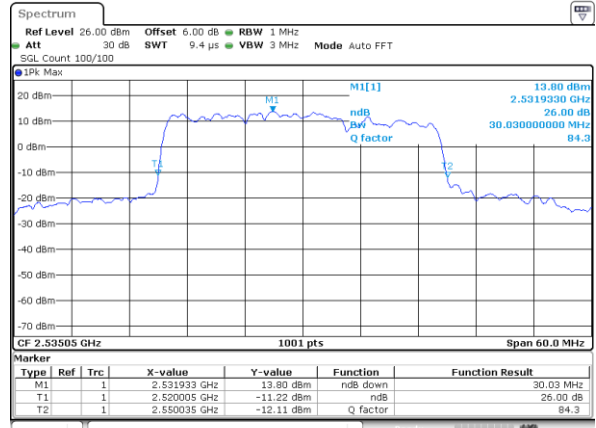
Date: 1..JUN.2020 01:53:29

Middle Channel / 15MHz+20MHz



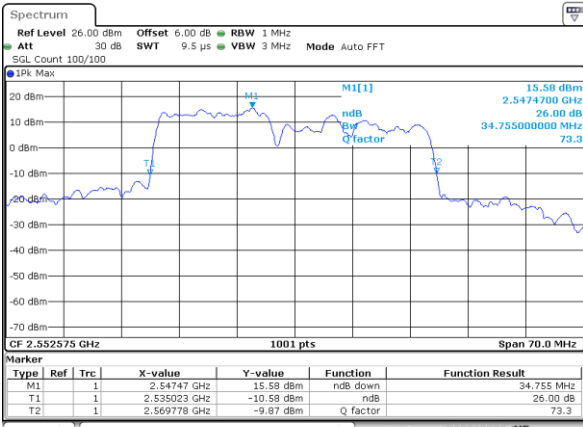
Date: 1..JUN.2020 00:56:08

Middle Channel / 20MHz+10MHz



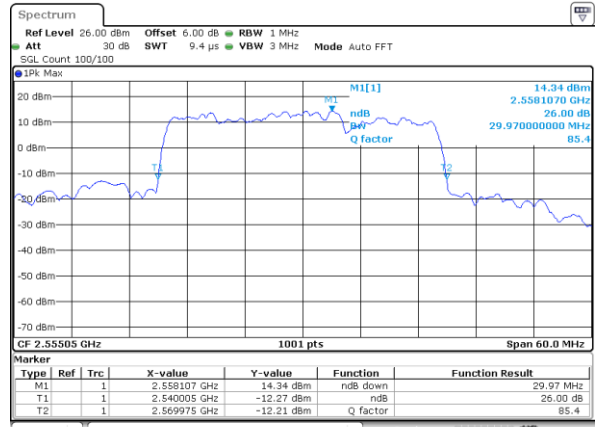
Date: 1..JUN.2020 02:00:04

Highest Channel / 15MHz+20MHz



Date: 1..JUN.2020 01:09:27

Highest Channel / 20MHz+10MHz



Date: 1..JUN.2020 02:04:27