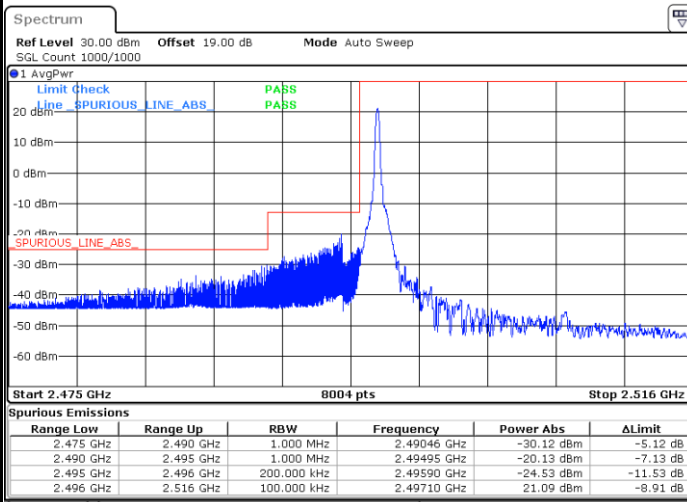




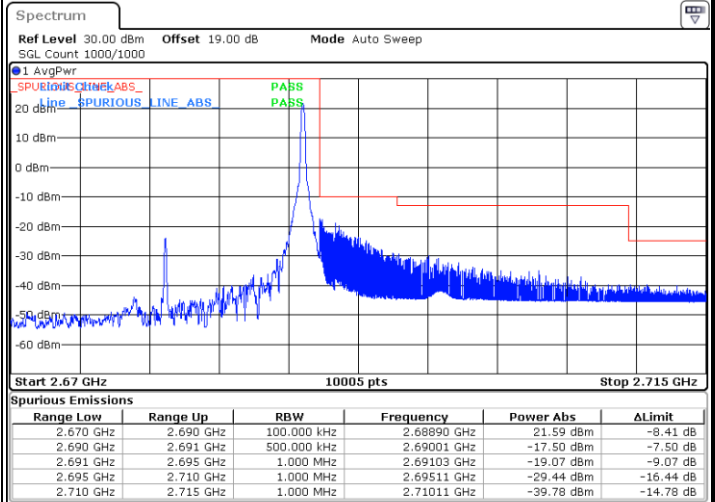
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



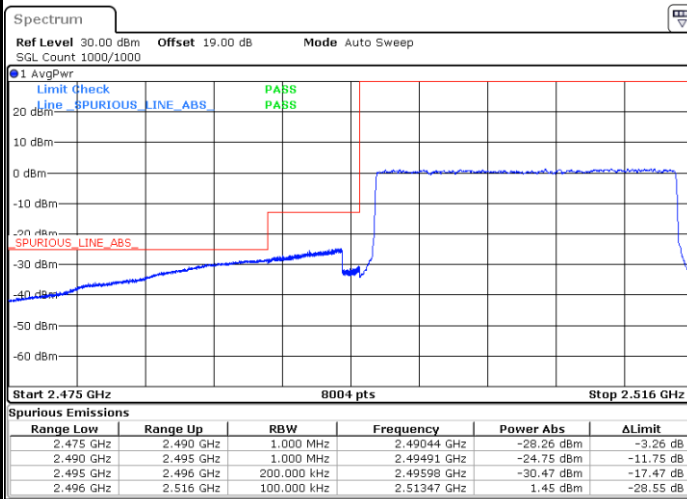
Date: 20 JUN.2022 23:19:31

Highest Band Edge / 1 RB



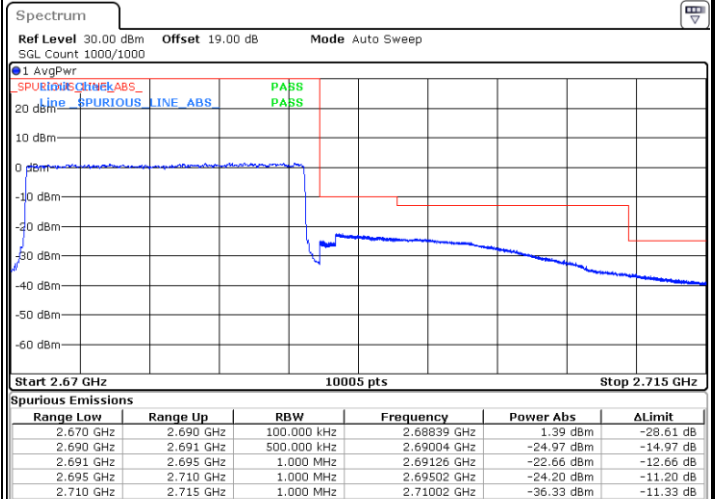
Date: 20 JUN.2022 23:28:24

Lowest Band Edge / Full RB



Date: 20 JUN.2022 23:23:58

Highest Band Edge / Full RB

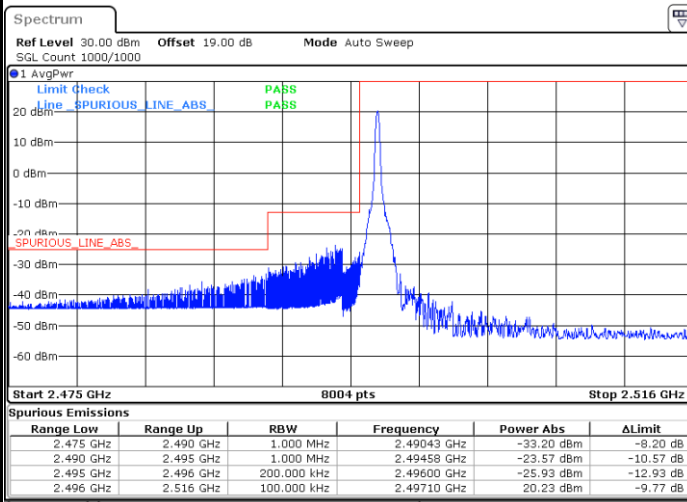


Date: 20 JUN.2022 23:30:37



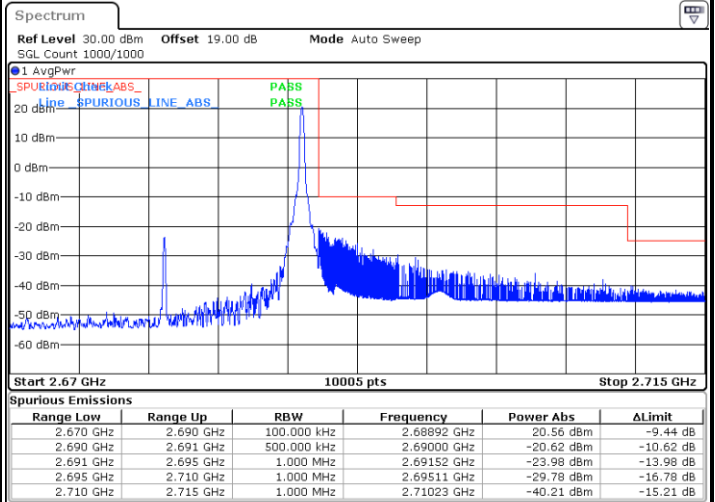
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



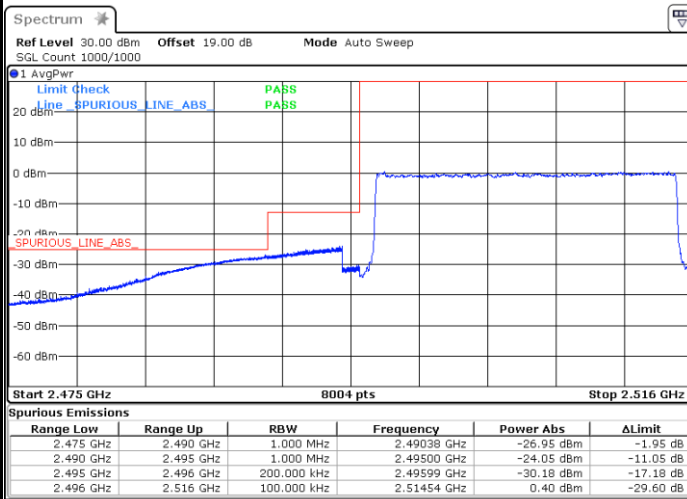
Date: 21 JUN.2022 00:34:48

Highest Band Edge / 1 RB



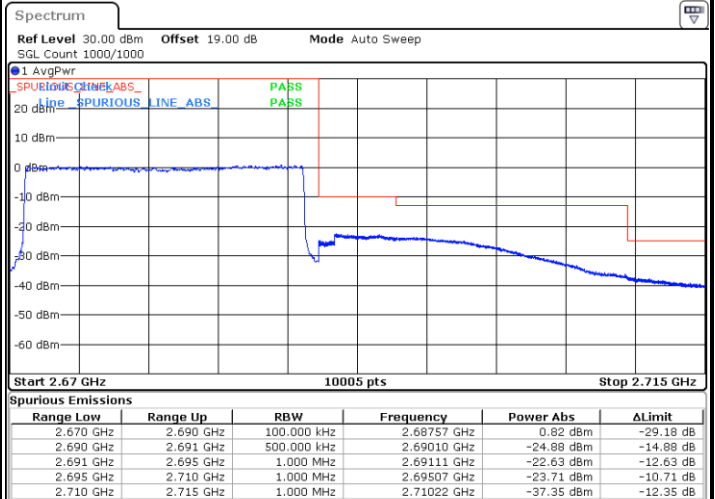
Date: 21 JUN.2022 00:39:15

Lowest Band Edge / Full RB



Date: 21 JUN.2022 02:07:26

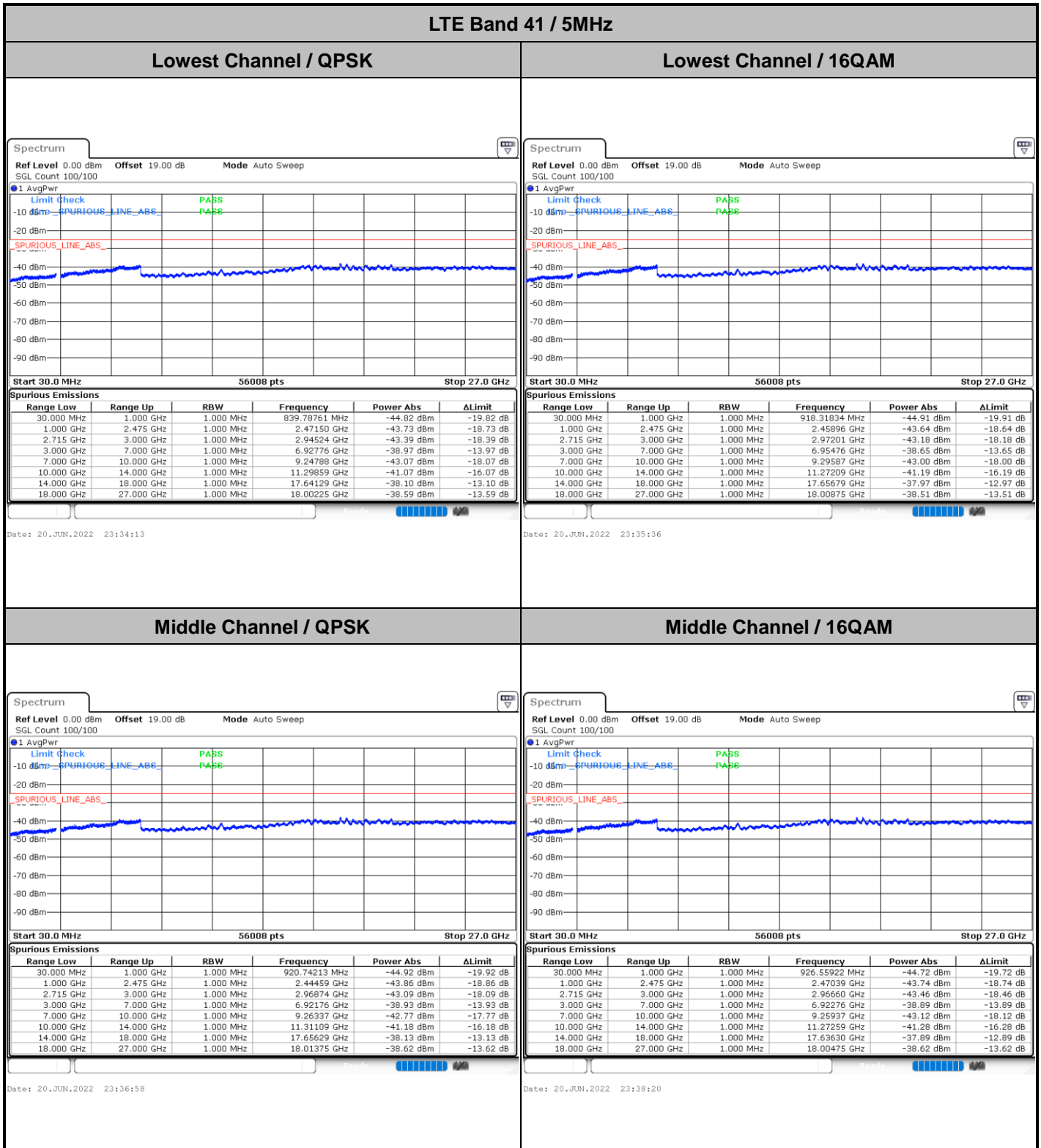
Highest Band Edge / Full RB



Date: 21 JUN.2022 00:41:27



# Conducted Spurious Emission

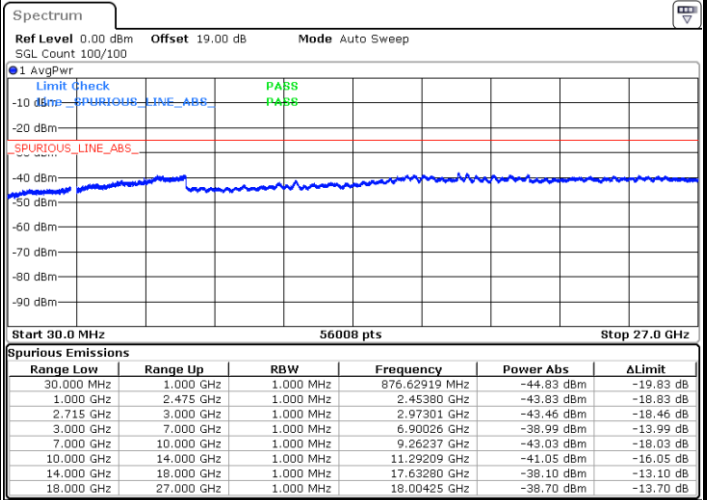
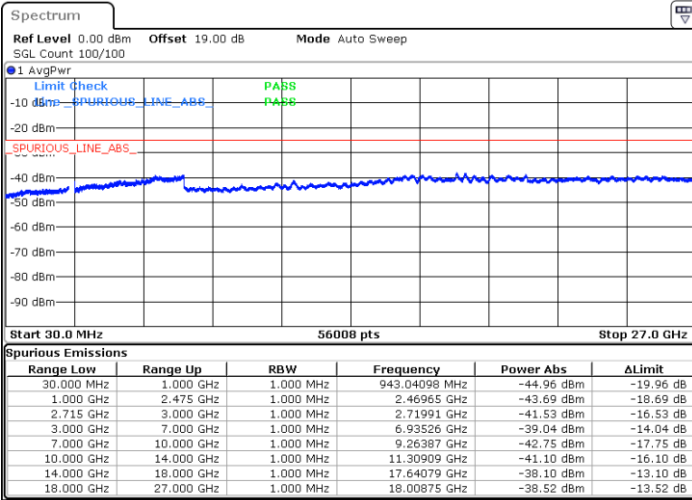




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



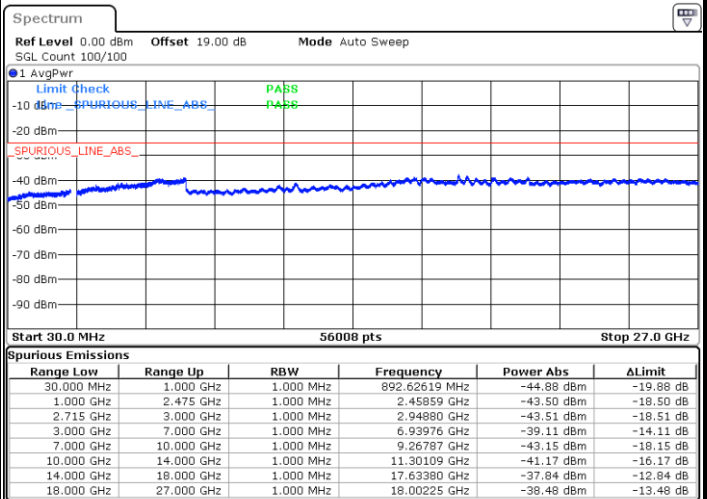
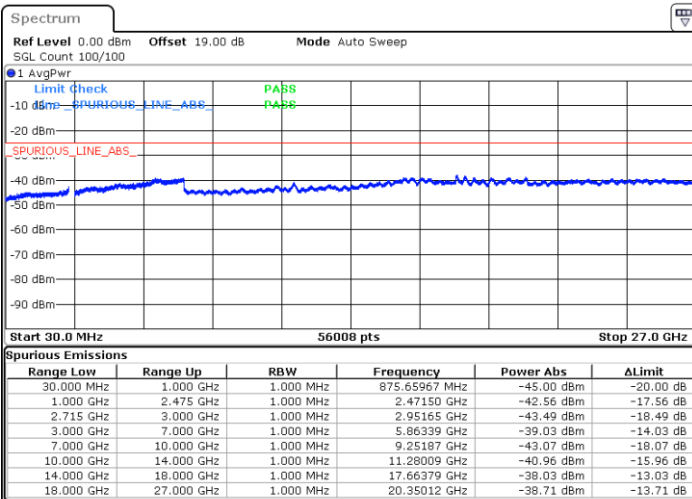
Date: 20 JUN.2022 23:39:42

Date: 20 JUN.2022 23:41:05

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 20 JUN.2022 23:42:29

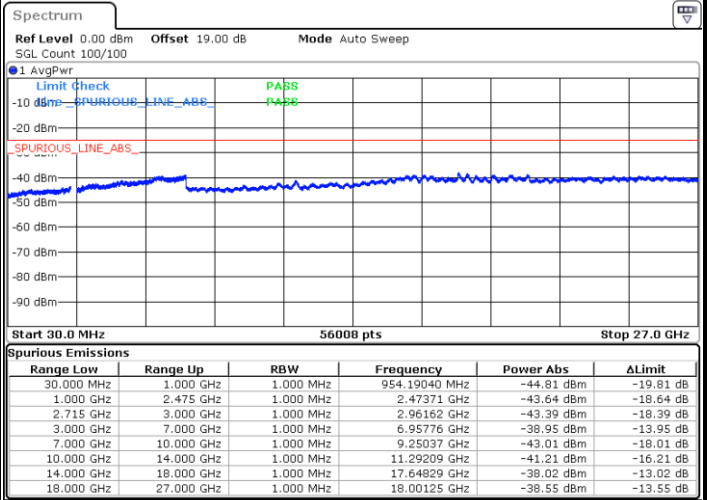
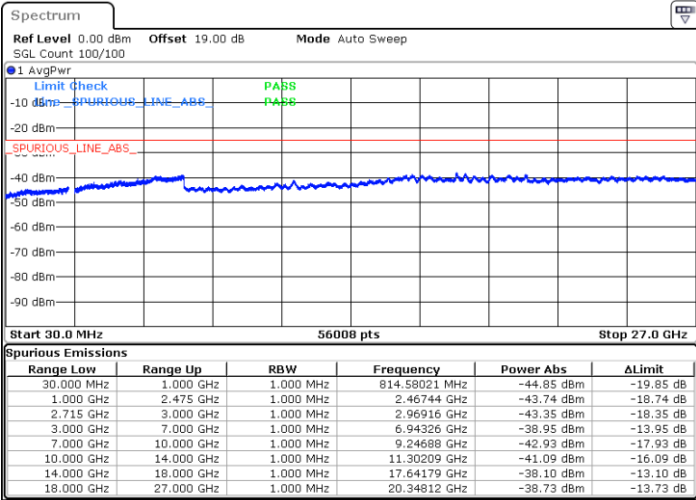
Date: 20 JUN.2022 23:43:51



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

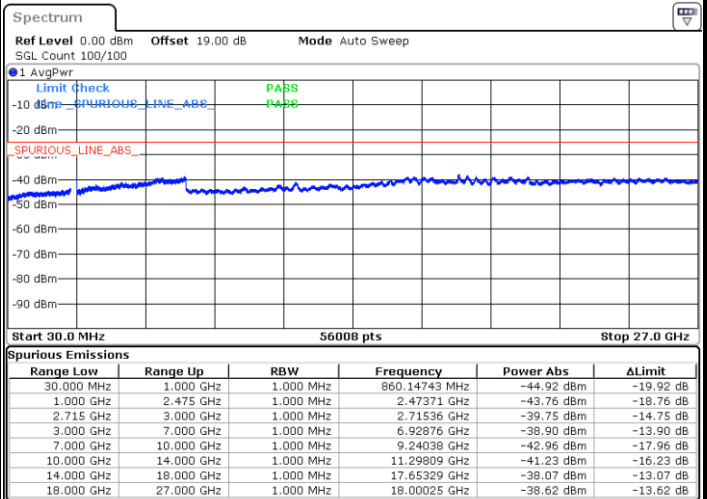
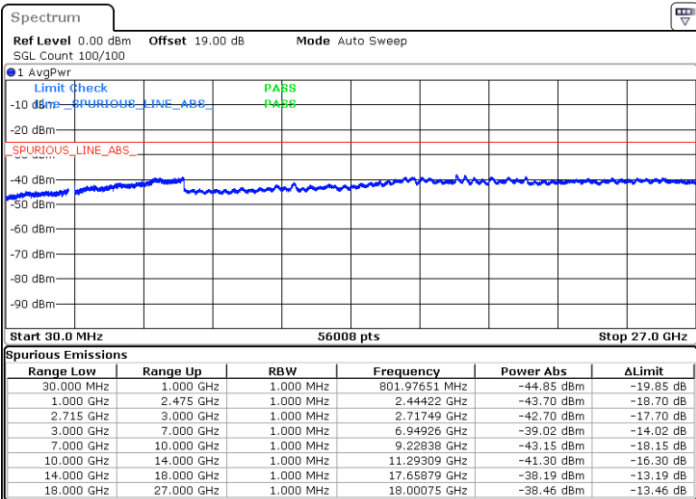


Date: 20 JUN.2022 23:45:14

Date: 20 JUN.2022 23:46:36

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 JUN.2022 23:47:58

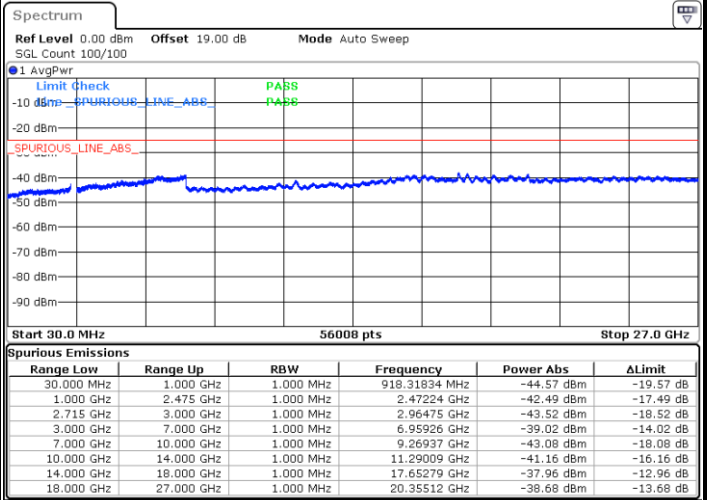
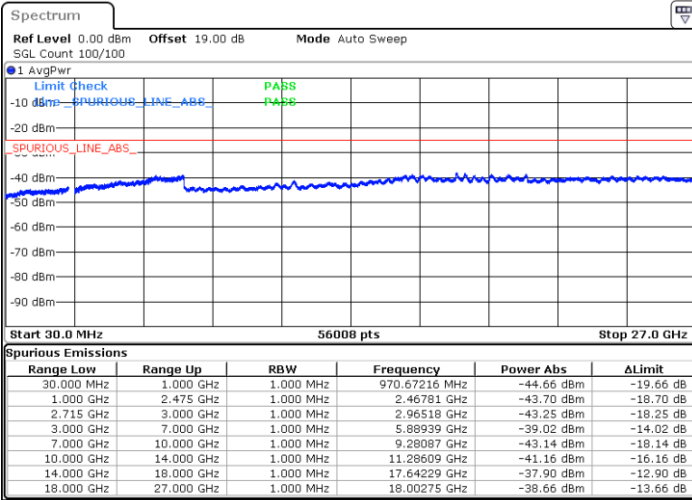
Date: 20 JUN.2022 23:49:21



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

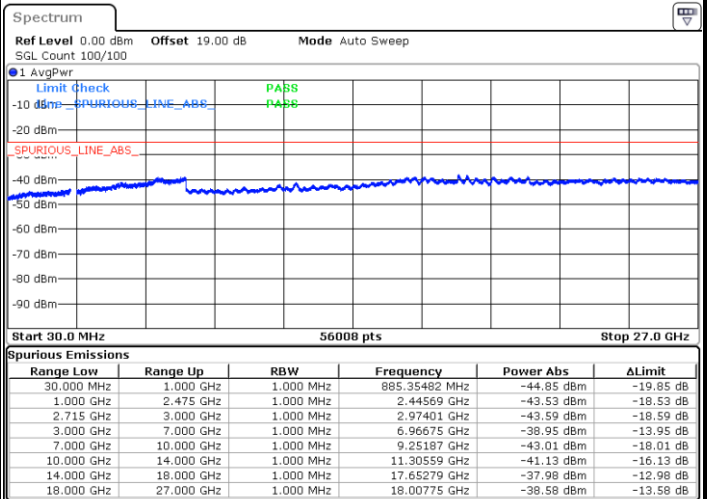
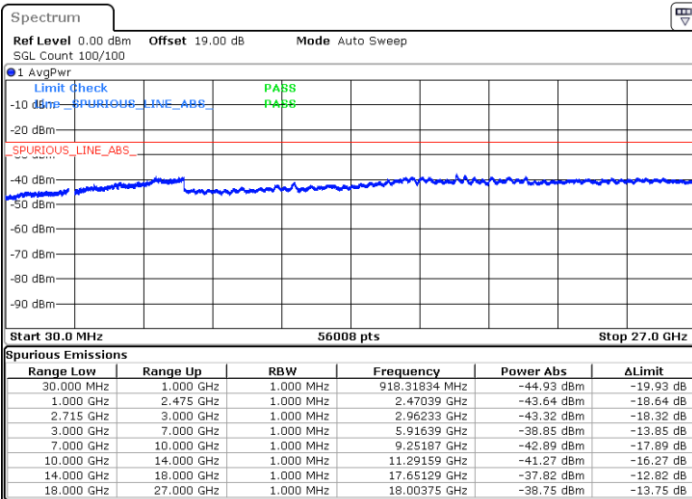


Date: 20 JUN.2022 23:50:44

Date: 20 JUN.2022 23:52:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 20 JUN.2022 23:53:29

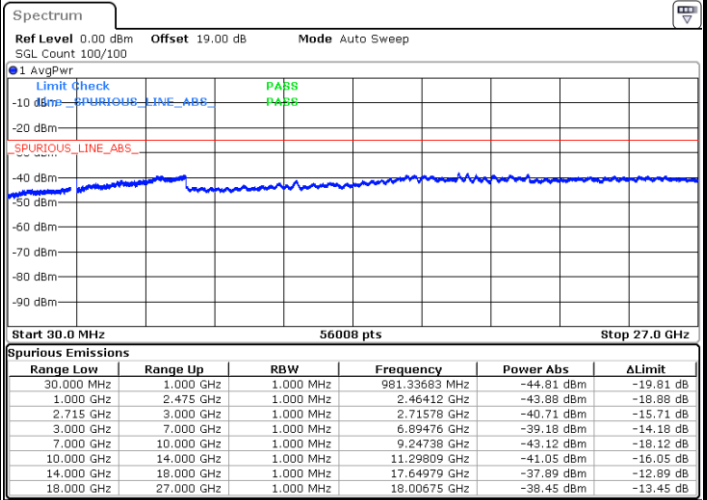
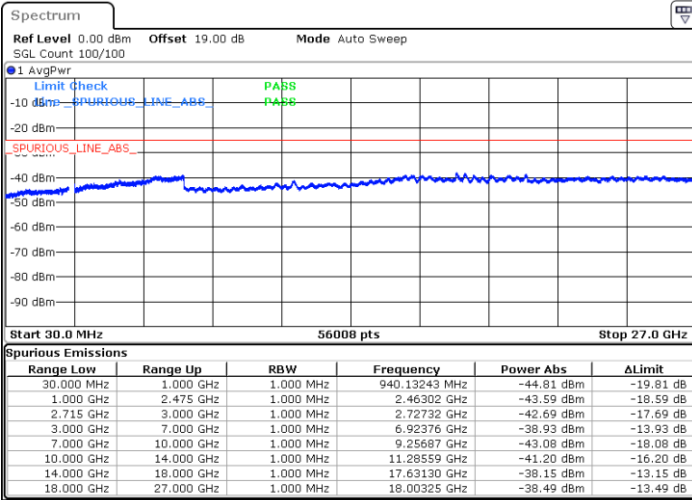
Date: 20 JUN.2022 23:54:51



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



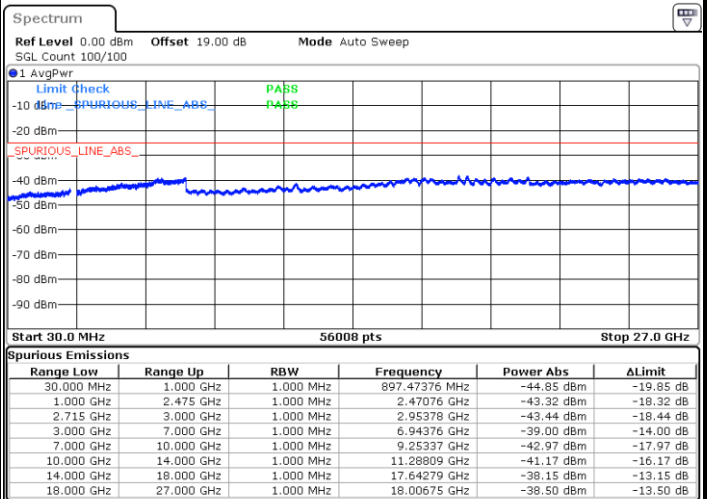
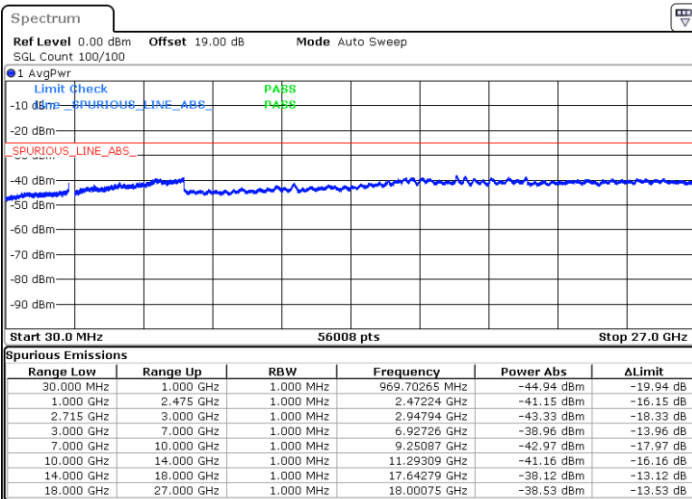
Date: 20 JUN.2022 23:56:13

Date: 20 JUN.2022 23:57:37

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 20 JUN.2022 23:59:00

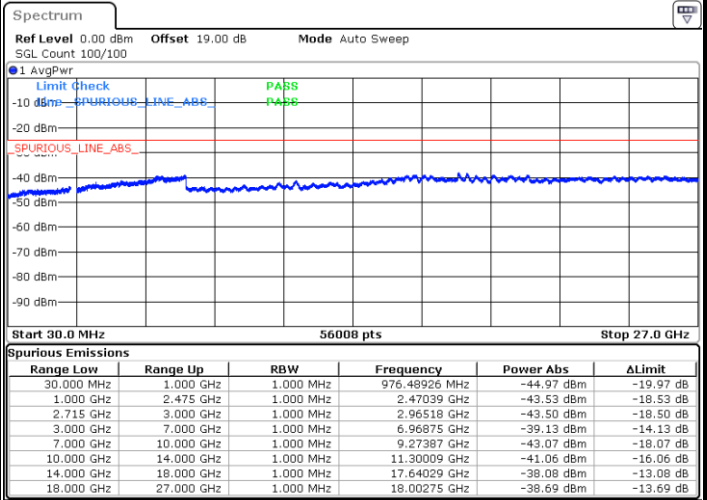
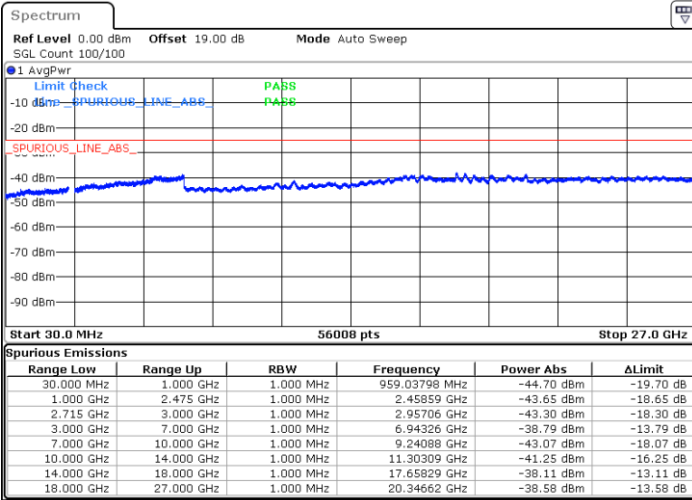
Date: 21 JUN.2022 00:00:22



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

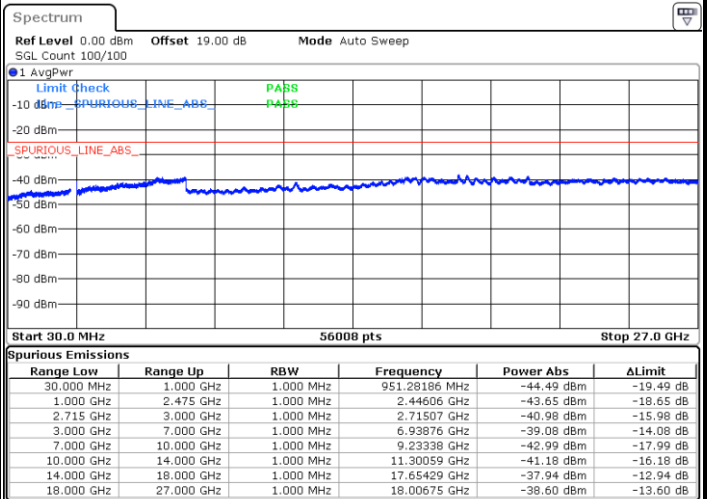
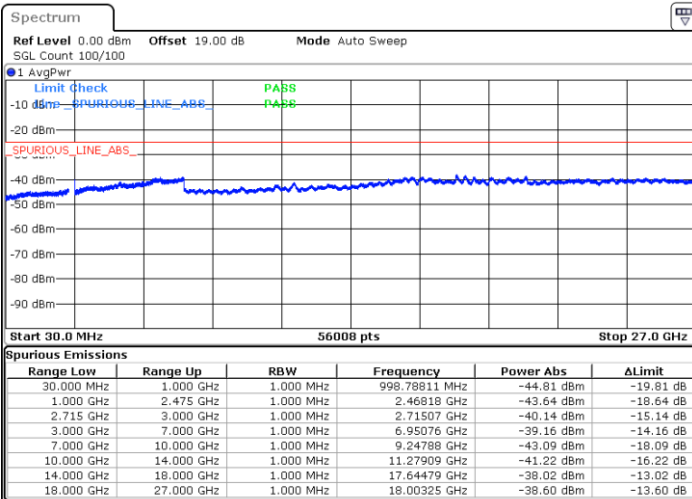


Date: 21.JUN.2022 00:01:45

Date: 21.JUN.2022 00:03:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.JUN.2022 00:04:29

Date: 21.JUN.2022 00:05:52

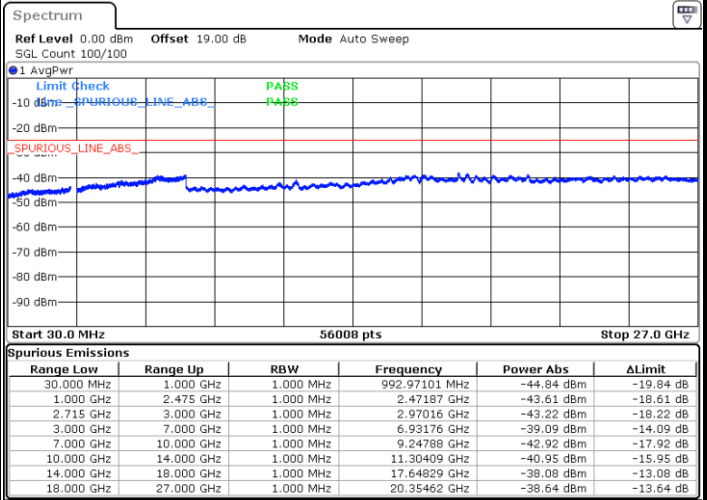
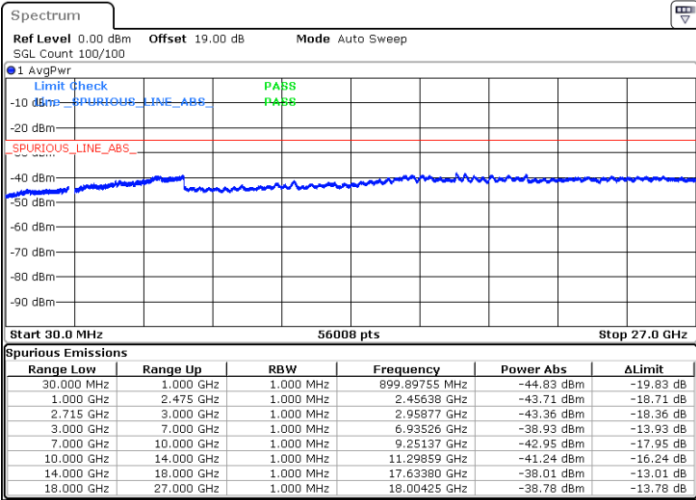




LTE Band 41 / 5MHz

Lowest Channel / 64QAM

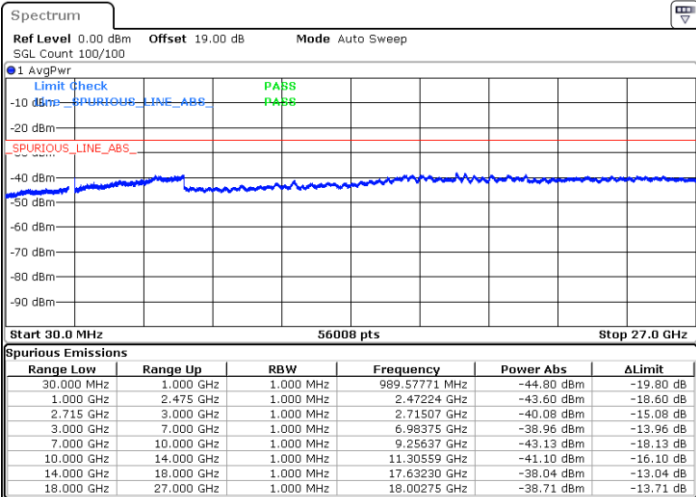
Middle Channel / 64QAM



Date: 21.JUN.2022 00:42:50

Date: 21.JUN.2022 00:44:13

Highest Channel / 64QAM



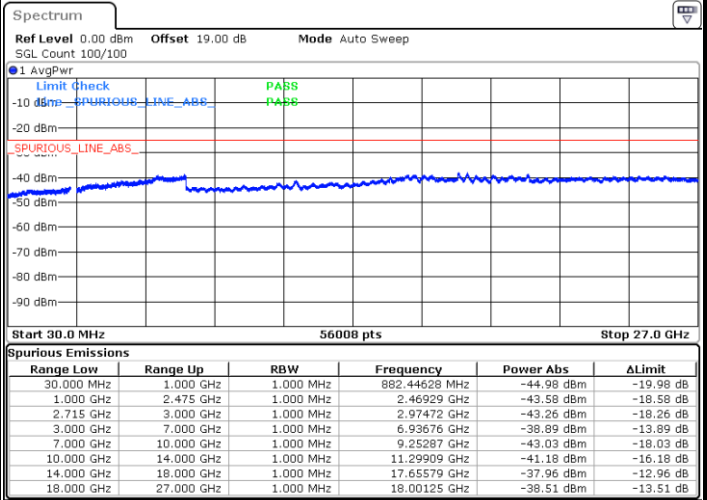
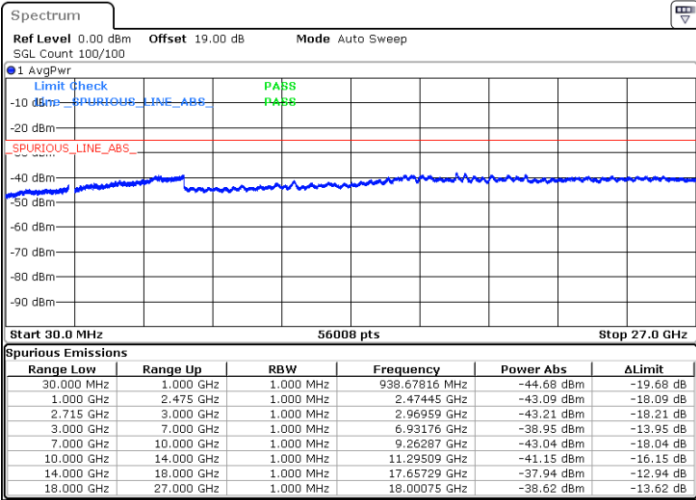
Date: 21.JUN.2022 00:45:36



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

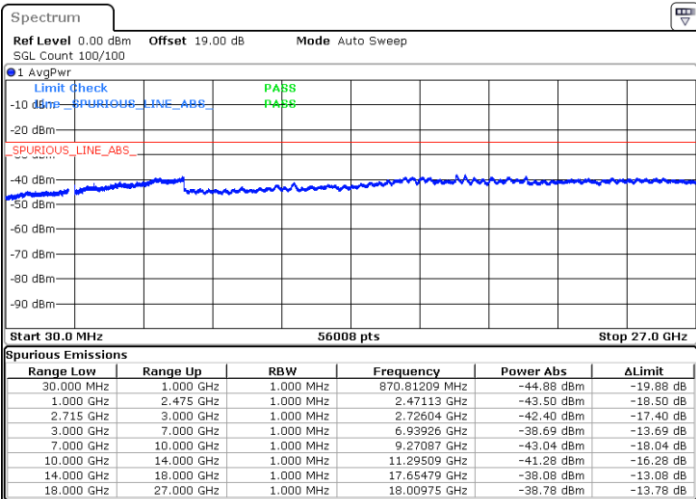
Middle Channel / 64QAM



Date: 21.JUN.2022 00:46:59

Date: 21.JUN.2022 00:48:22

Highest Channel / 64QAM



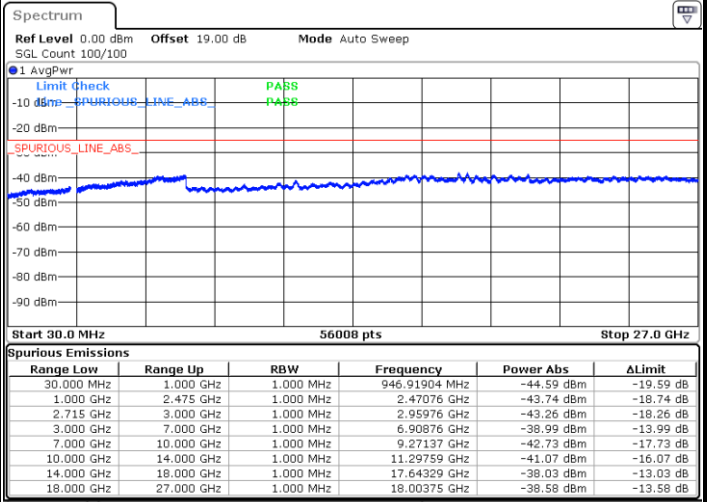
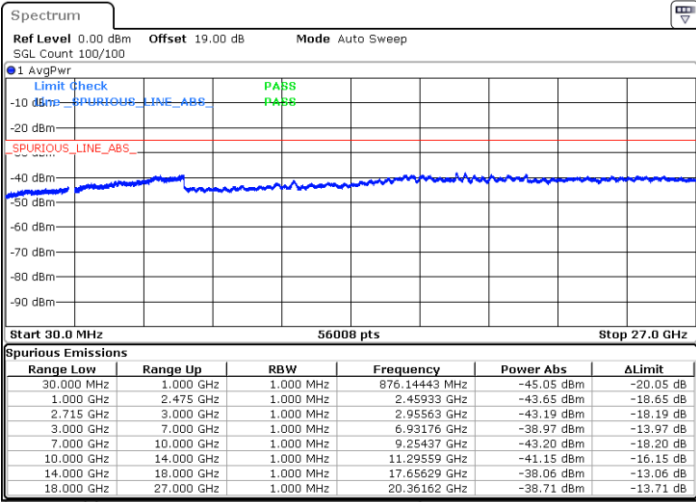
Date: 21.JUN.2022 00:49:44



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

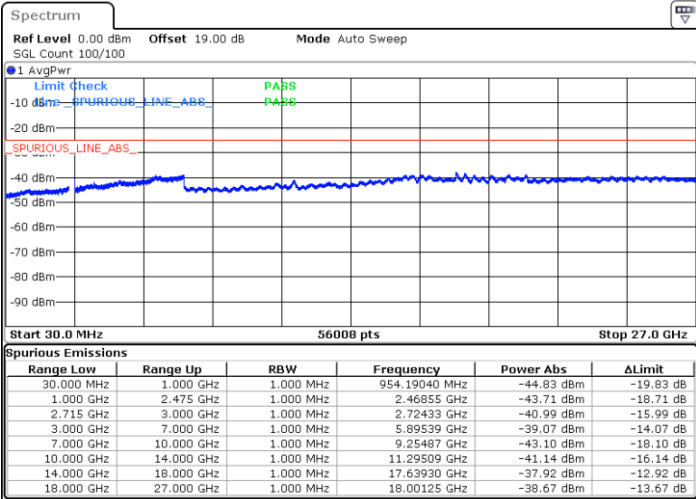
Middle Channel / 64QAM



Date: 21.JUN.2022 00:51:08

Date: 21.JUN.2022 00:52:30

Highest Channel / 64QAM



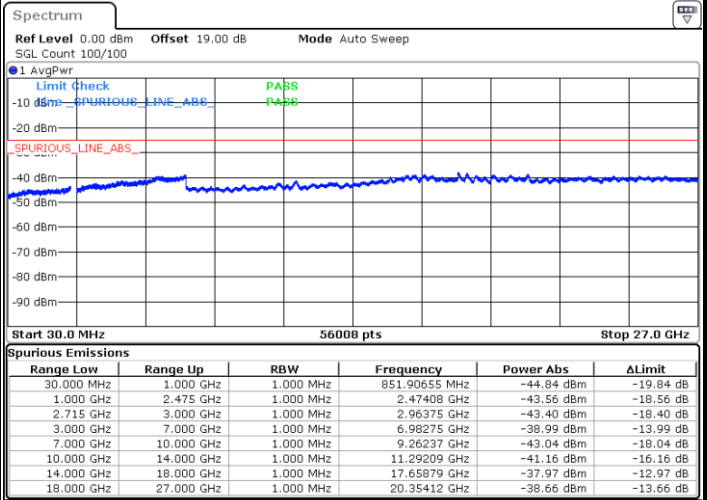
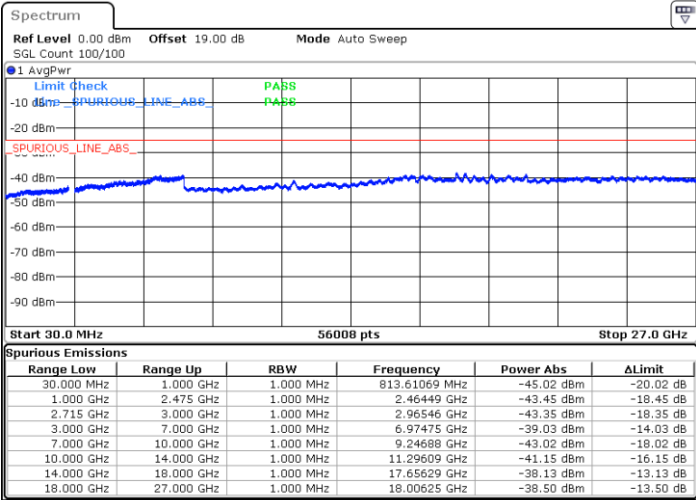
Date: 21.JUN.2022 00:53:53



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

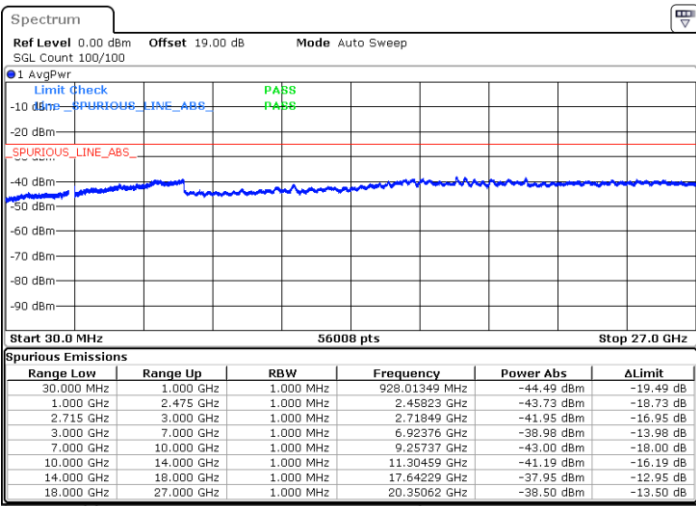
Middle Channel / 64QAM



Date: 21.JUN.2022 00:55:16

Date: 21.JUN.2022 00:56:39

Highest Channel / 64QAM



Date: 21.JUN.2022 00:58:01



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

## 26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	25.08	29.91	25.23	30.69
Middle CH	24.88	25.23	29.97	25.18	30.57
Highest CH	24.83	25.23	30.03	25.23	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.98	30.03	34.90	39.80
Middle CH	34.83	24.88	30.09	34.90	39.88
Highest CH	35.87	25.03	30.03	34.90	40.12

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.58	25.03	29.85	25.33	30.57
Middle CH	24.78	24.93	29.79	25.18	30.63
Highest CH	24.98	25.13	29.79	25.23	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.93	30.03	34.97	39.88
Middle CH	34.90	24.93	29.97	34.90	39.88
Highest CH	35.04	24.98	30.03	34.97	39.88

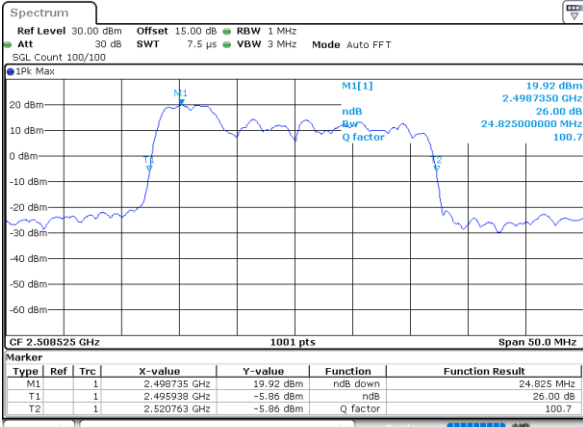
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.63	25.03	29.79	25.18	30.51
Middle CH	24.88	25.18	29.85	25.18	30.51
Highest CH	24.98	25.03	29.85	25.28	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	25.03	29.97	34.97	39.88
Middle CH	34.90	24.93	30.09	34.83	40.04
Highest CH	34.83	25.08	30.03	34.90	39.72



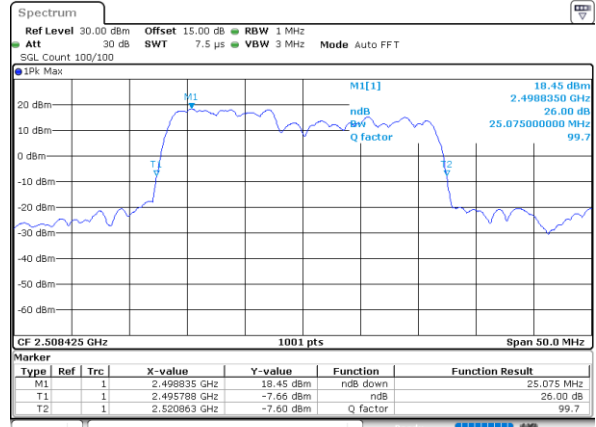
LTE Band 41C

QPSK

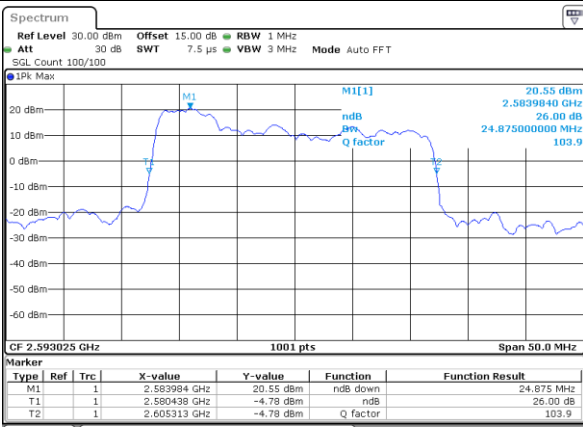
Lowest Channel / 5MHz+20MHz



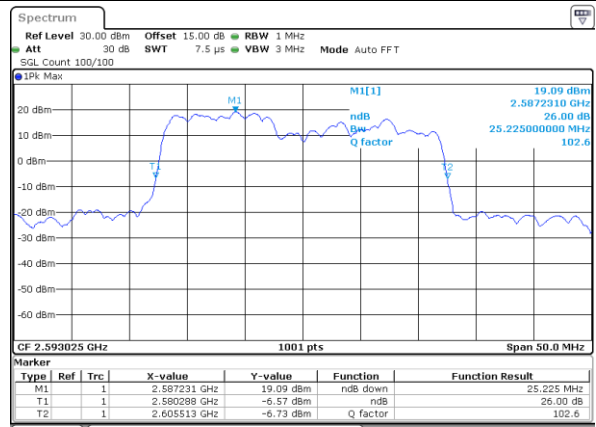
Lowest Channel / 10MHz+15MHz



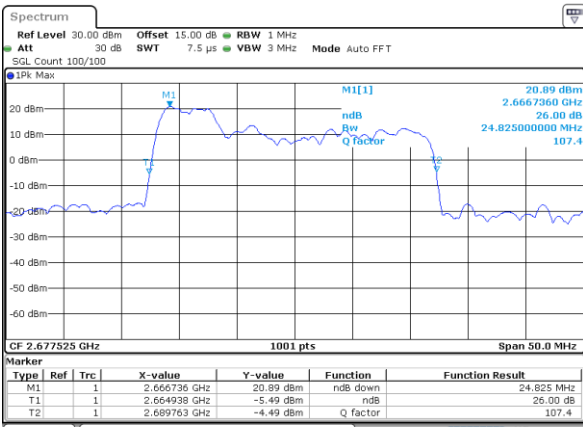
Middle Channel / 5MHz+20MHz



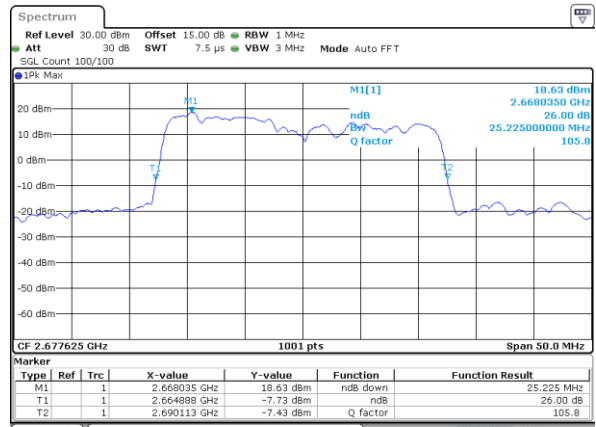
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

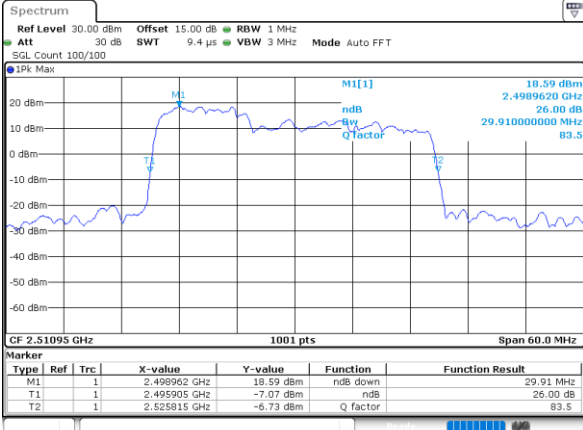




LTE Band 41C

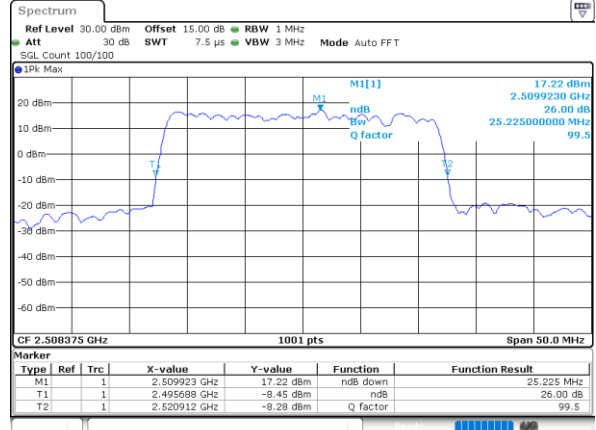
QPSK

Lowest Channel / 10MHz+20MHz



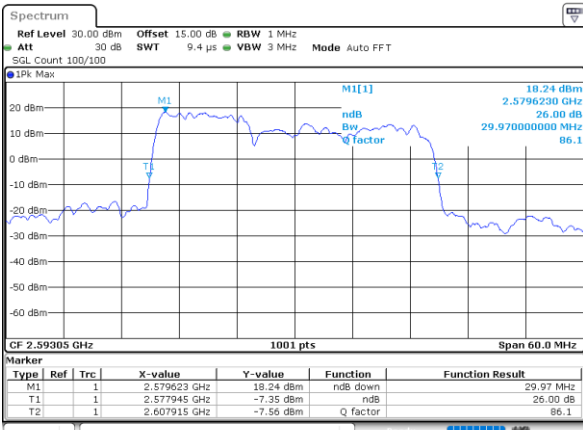
Date: 20\_JUN.2022 19:23:44

Lowest Channel / 15MHz+10MHz



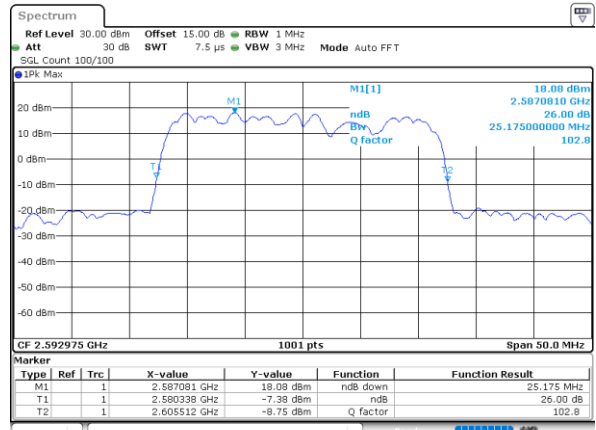
Date: 20\_JUN.2022 19:46:35

Middle Channel / 10MHz+20MHz



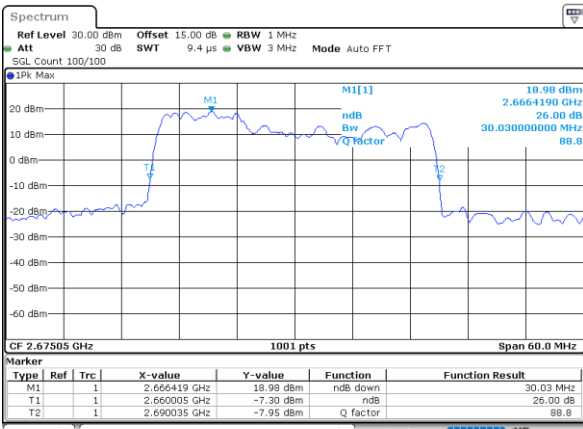
Date: 20\_JUN.2022 19:25:03

Middle Channel / 15MHz+10MHz



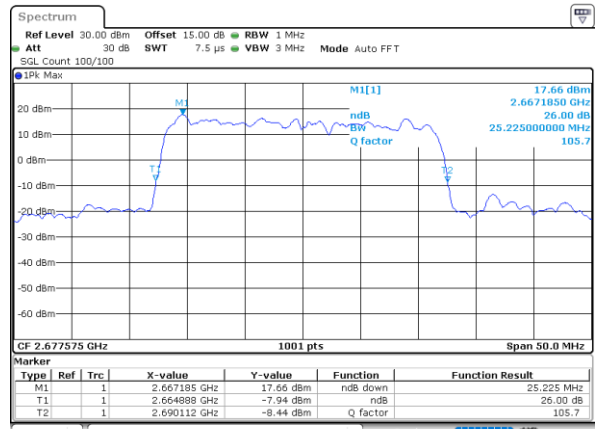
Date: 20\_JUN.2022 19:49:59

Highest Channel / 10MHz+20MHz



Date: 20\_JUN.2022 19:42:52

Highest Channel / 15MHz+10MHz



Date: 20\_JUN.2022 19:54:55

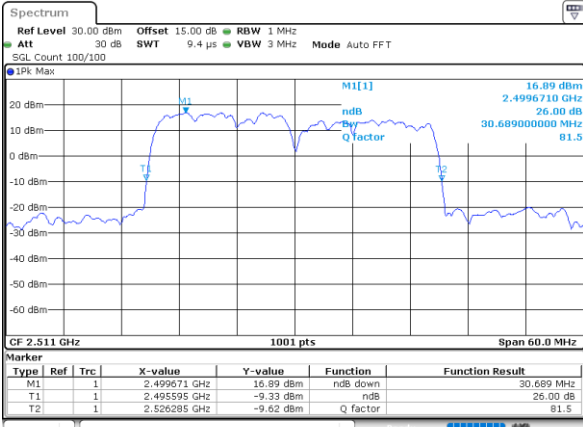




LTE Band 41C

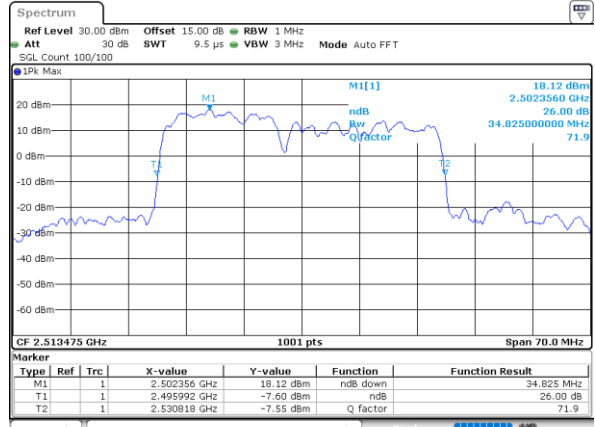
QPSK

Lowest Channel / 15MHz+15MHz



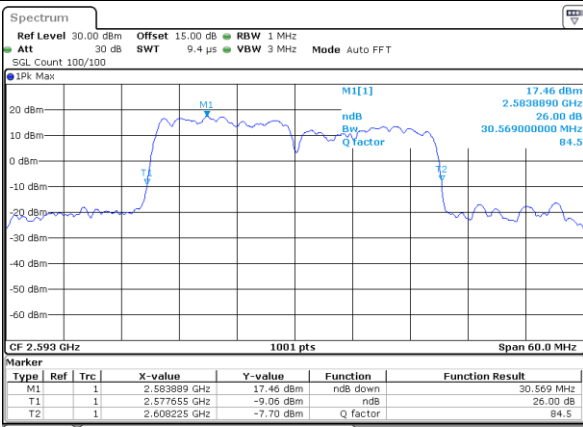
Date: 20 JUN 2022 19:59:32

Lowest Channel / 15MHz+20MHz



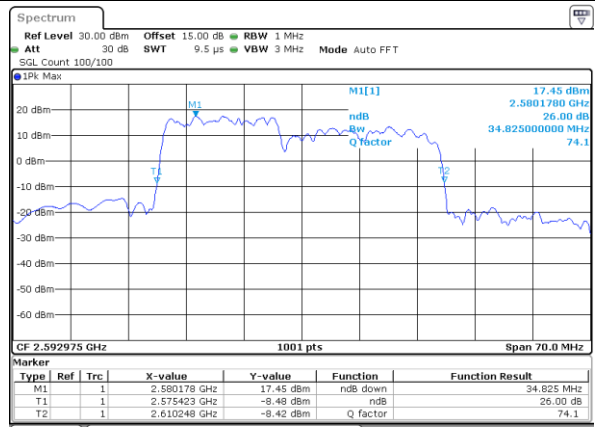
Date: 20 JUN 2022 20:08:57

Middle Channel / 15MHz+15MHz



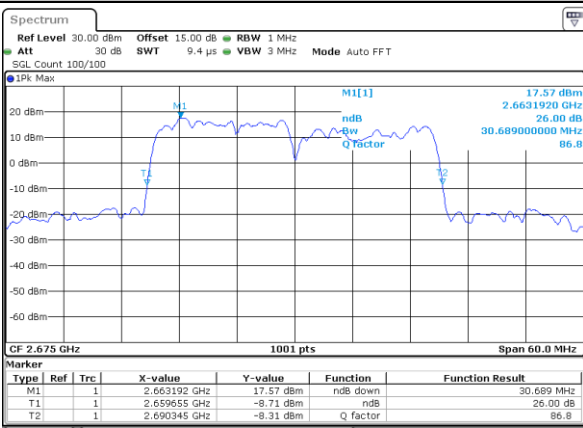
Date: 20 JUN 2022 20:00:50

Middle Channel / 15MHz+20MHz



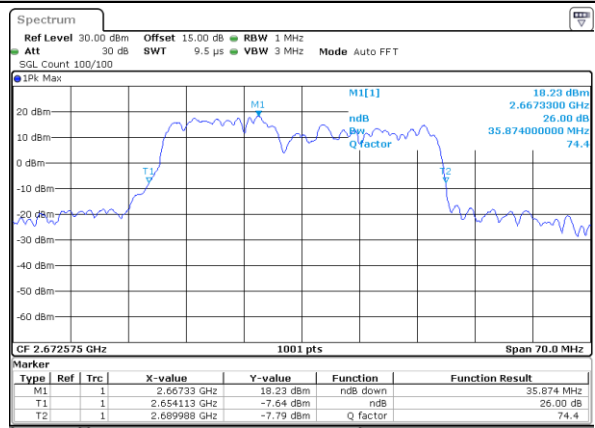
Date: 20 JUN 2022 20:11:59

Highest Channel / 15MHz+15MHz



Date: 20 JUN 2022 20:06:30

Highest Channel / 15MHz+20MHz



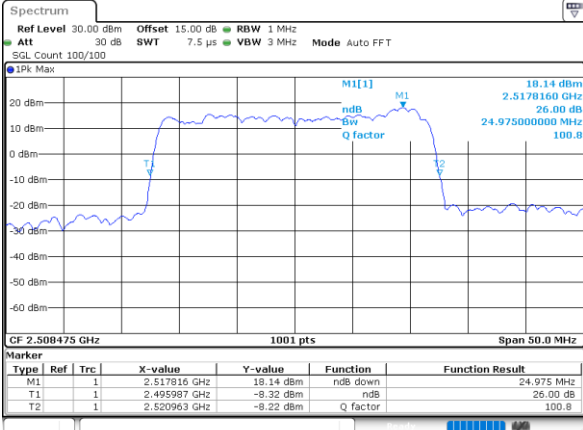
Date: 20 JUN 2022 20:25:05



LTE Band 41C

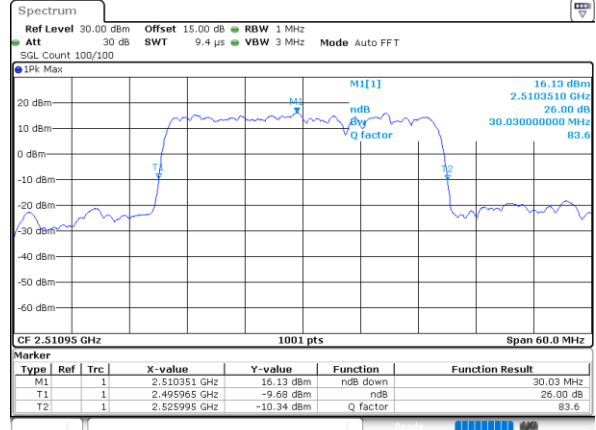
QPSK

Lowest Channel / 20MHz+5MHz



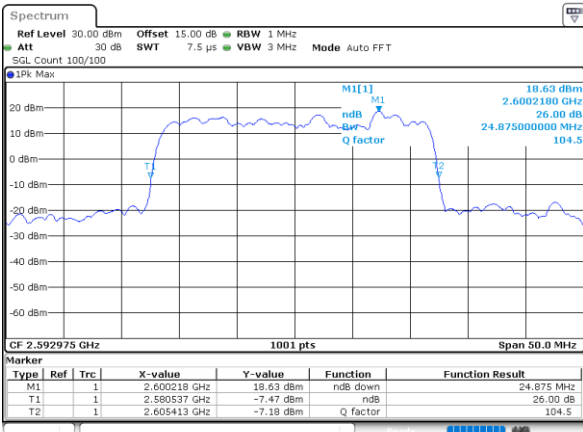
Date: 20 JUN 2022 20:31:08

Lowest Channel / 20MHz+10MHz



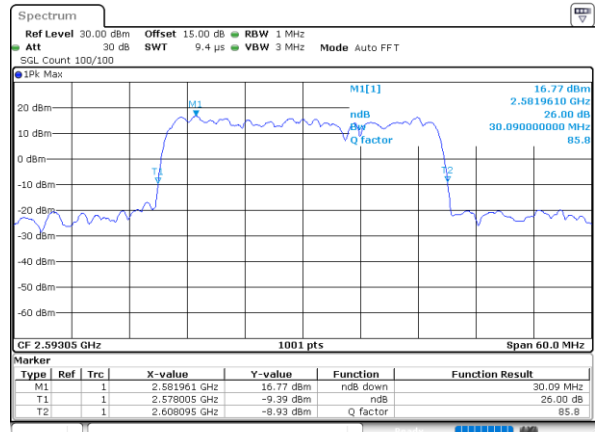
Date: 20 JUN 2022 20:37:15

Middle Channel / 20MHz+5MHz



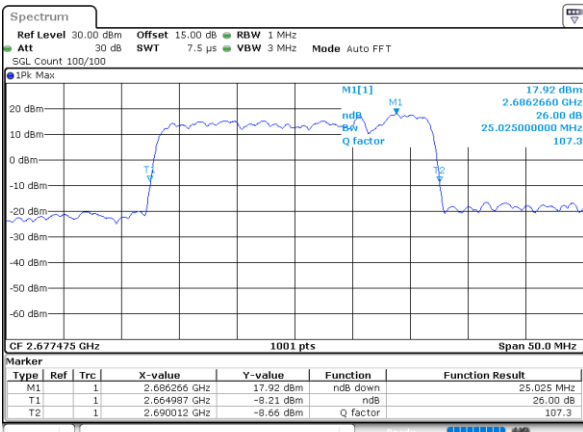
Date: 20 JUN 2022 20:32:28

Middle Channel / 20MHz+10MHz



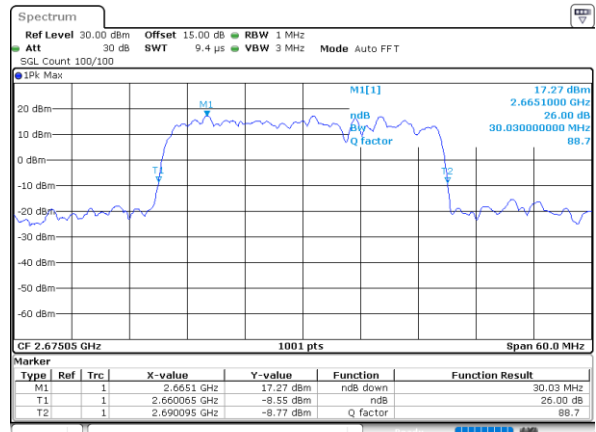
Date: 20 JUN 2022 20:40:28

Highest Channel / 20MHz+5MHz



Date: 20 JUN 2022 20:35:37

Highest Channel / 20MHz+10MHz



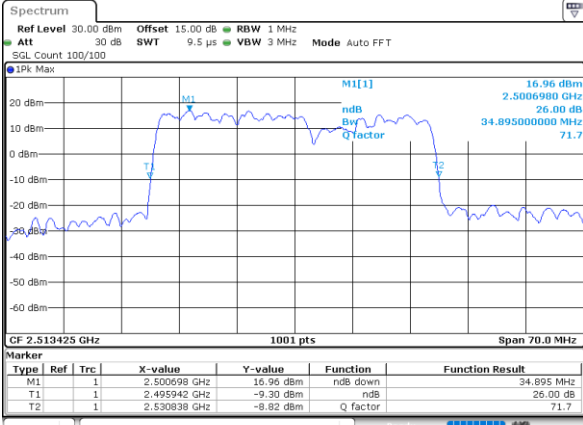
Date: 20 JUN 2022 20:41:39



LTE Band 41C

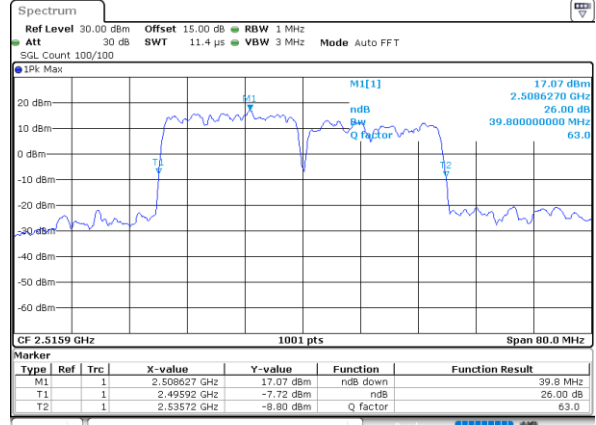
QPSK

Lowest Channel / 20MHz+15MHz



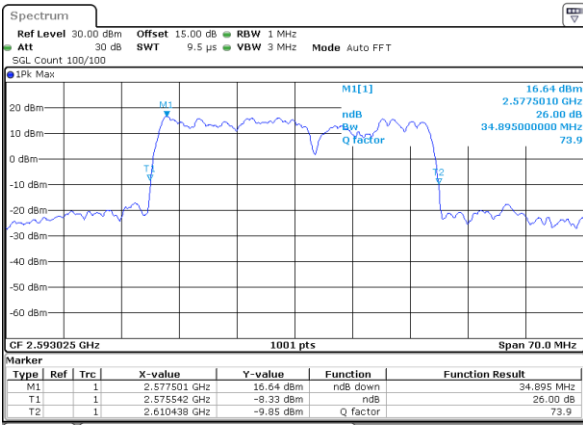
Date: 20 JUN 2022 17:15:19

Lowest Channel / 20MHz+20MHz



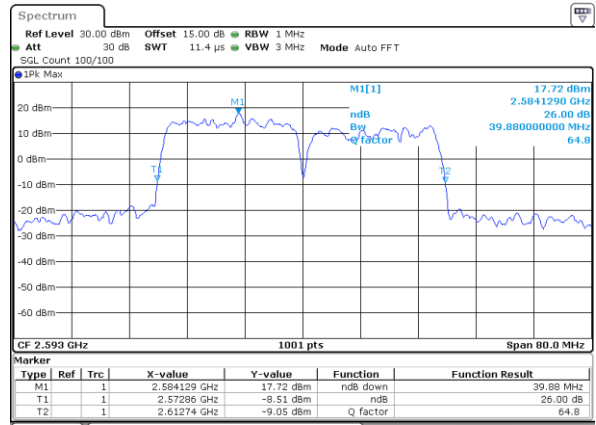
Date: 20 JUN 2022 20:54:09

Middle Channel / 20MHz+15MHz



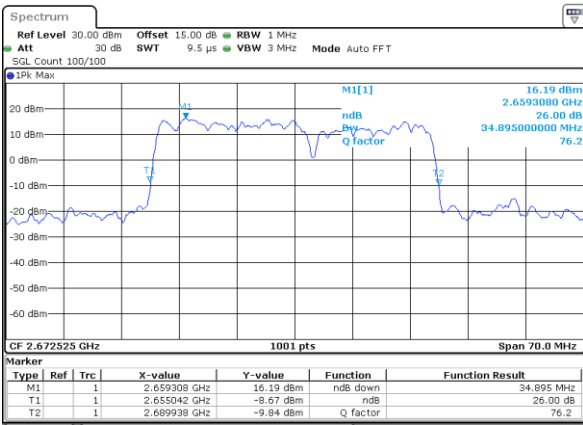
Date: 20 JUN 2022 17:17:09

Middle Channel / 20MHz+20MHz



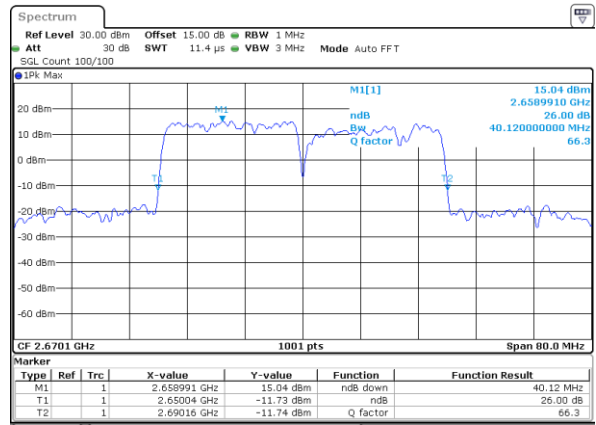
Date: 20 JUN 2022 20:55:38

Highest Channel / 20MHz+15MHz



Date: 20 JUN 2022 20:48:47

Highest Channel / 20MHz+20MHz



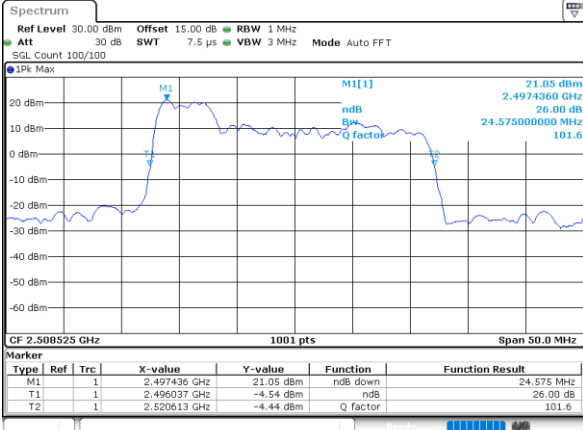
Date: 20 JUN 2022 20:59:24



LTE Band 41C

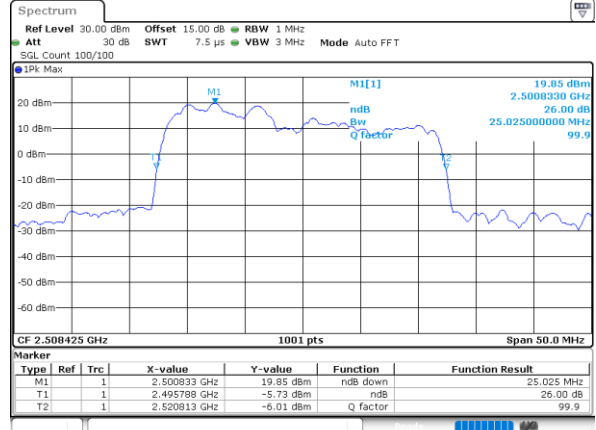
16QAM

Lowest Channel / 5MHz+20MHz



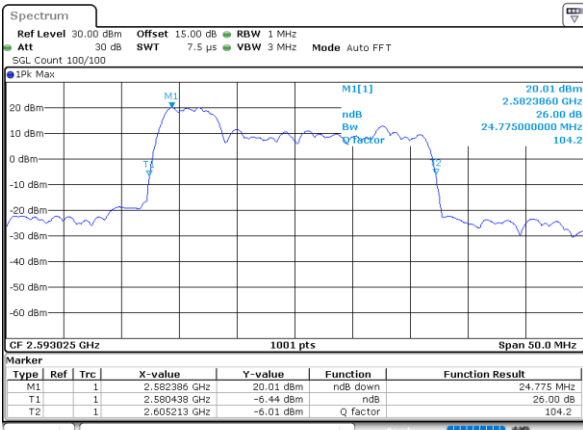
Date: 20 JUN 2022 18:23:47

Lowest Channel / 10MHz+15MHz



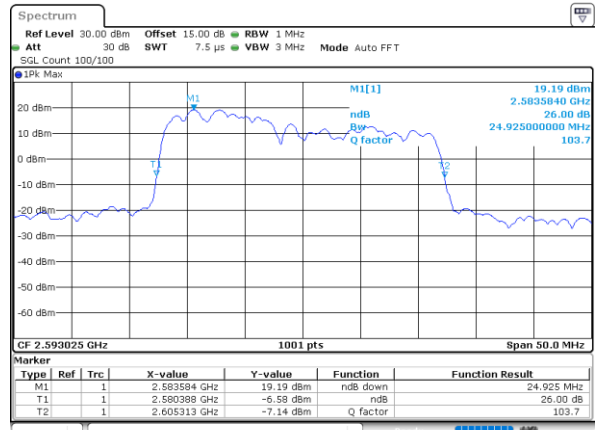
Date: 20 JUN 2022 18:51:04

Middle Channel / 5MHz+20MHz



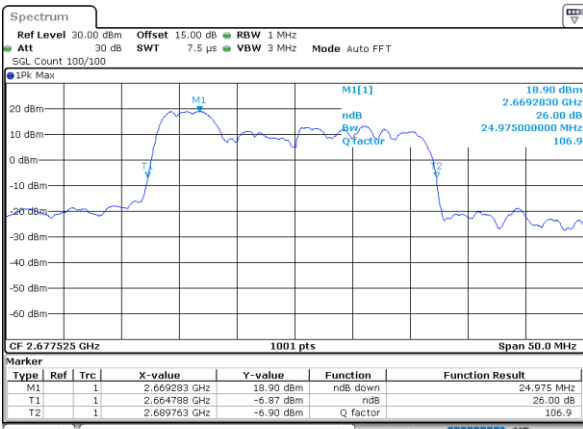
Date: 20 JUN 2022 18:27:08

Middle Channel / 10MHz+15MHz



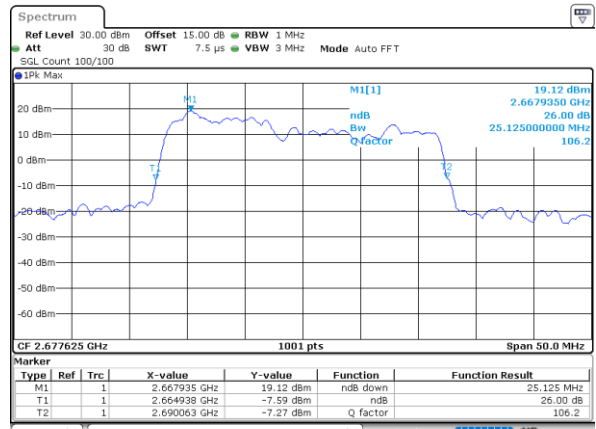
Date: 20 JUN 2022 18:54:12

Highest Channel / 5MHz+20MHz



Date: 20 JUN 2022 18:44:27

Highest Channel / 10MHz+15MHz



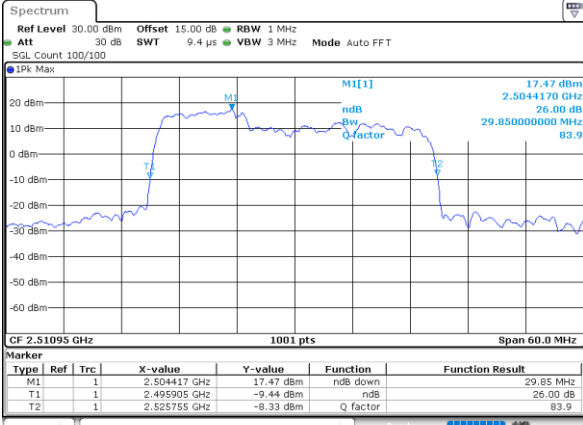
Date: 20 JUN 2022 19:16:28



LTE Band 41C

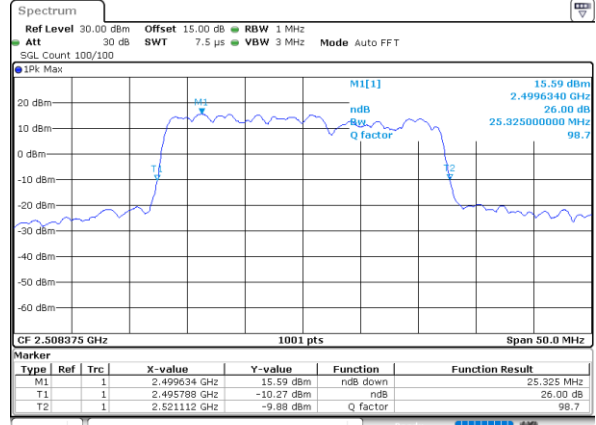
16QAM

Lowest Channel / 10MHz+20MHz



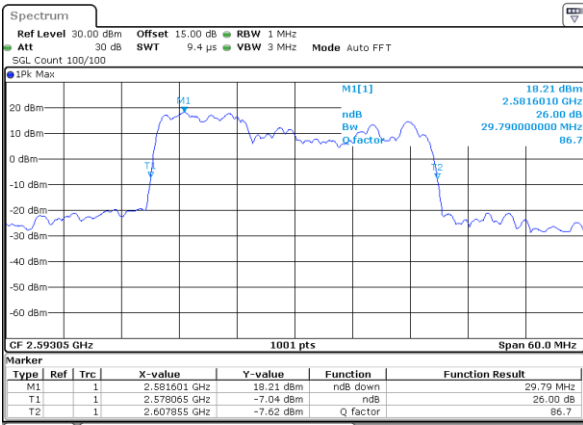
Date: 20 JUN 2022 19:23:09

Lowest Channel / 15MHz+10MHz



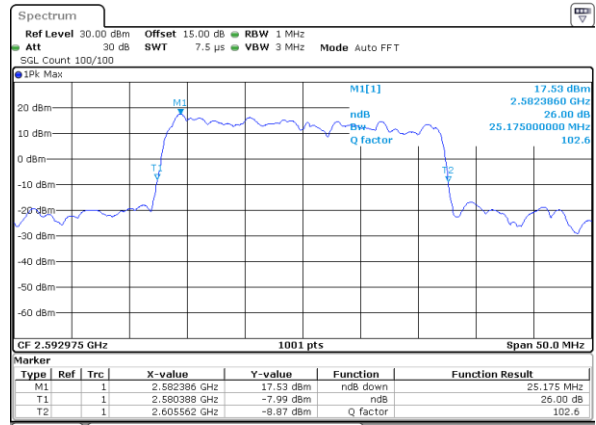
Date: 20 JUN 2022 19:47:03

Middle Channel / 10MHz+20MHz



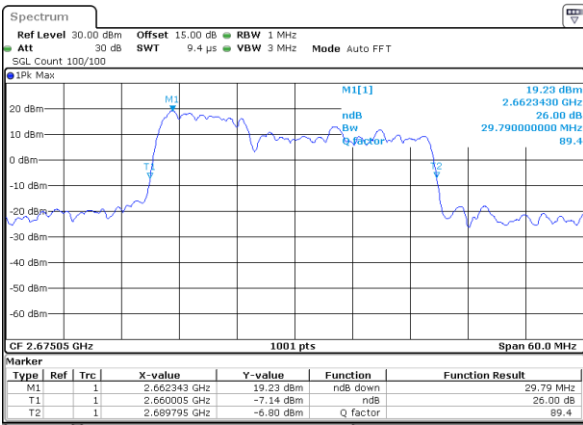
Date: 20 JUN 2022 19:25:41

Middle Channel / 15MHz+10MHz



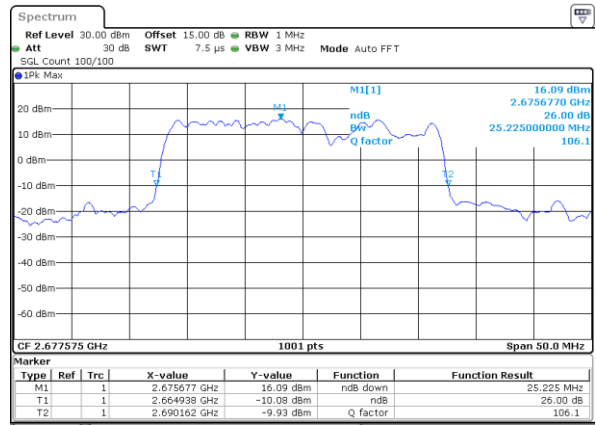
Date: 20 JUN 2022 19:49:31

Highest Channel / 10MHz+20MHz



Date: 20 JUN 2022 19:42:29

Highest Channel / 15MHz+10MHz



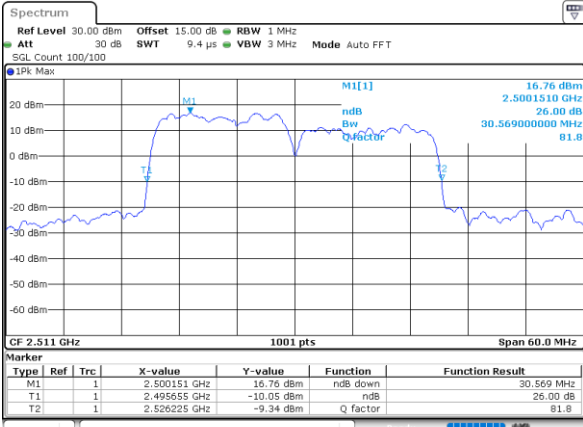
Date: 20 JUN 2022 19:55:29



LTE Band 41C

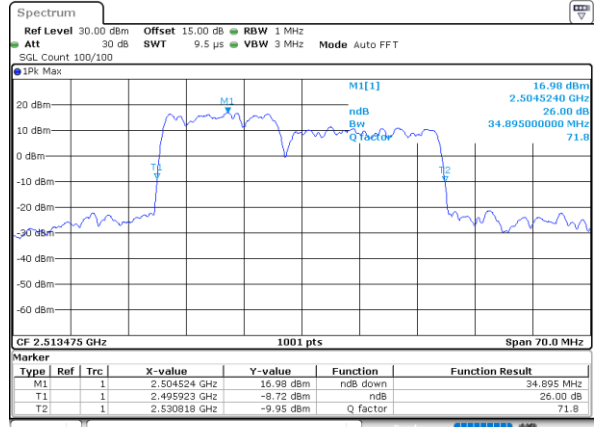
16QAM

Lowest Channel / 15MHz+15MHz



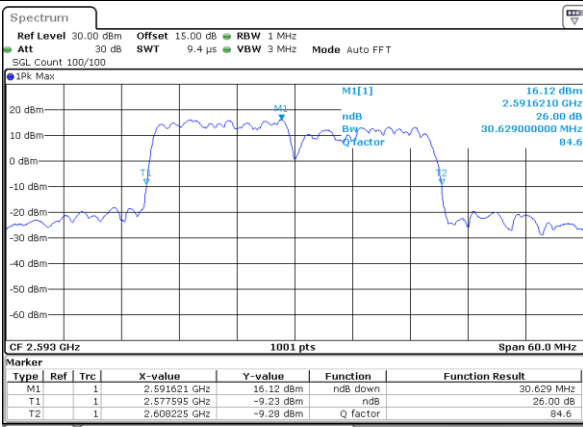
Date: 20 JUN 2022 19:59:03

Lowest Channel / 15MHz+20MHz



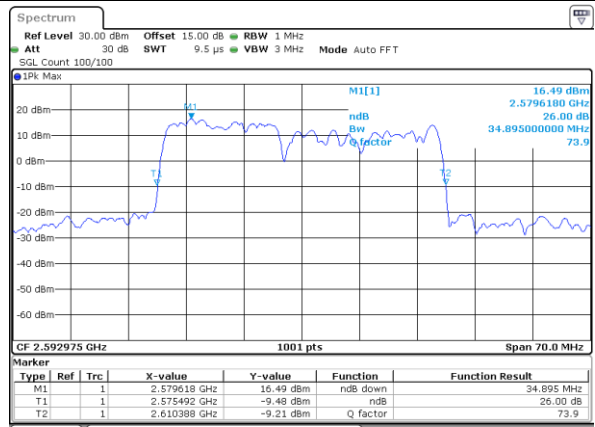
Date: 20 JUN 2022 20:09:31

Middle Channel / 15MHz+15MHz



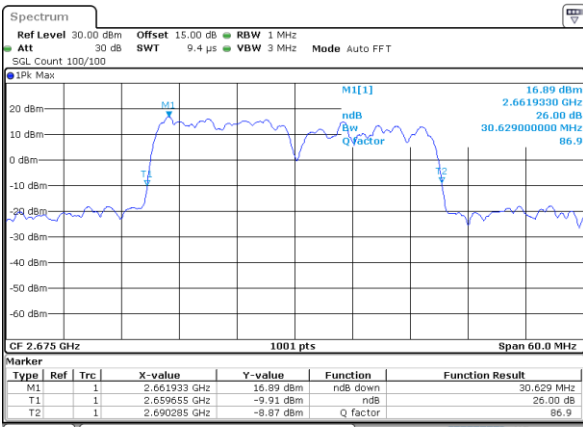
Date: 20 JUN 2022 20:01:35

Middle Channel / 15MHz+20MHz



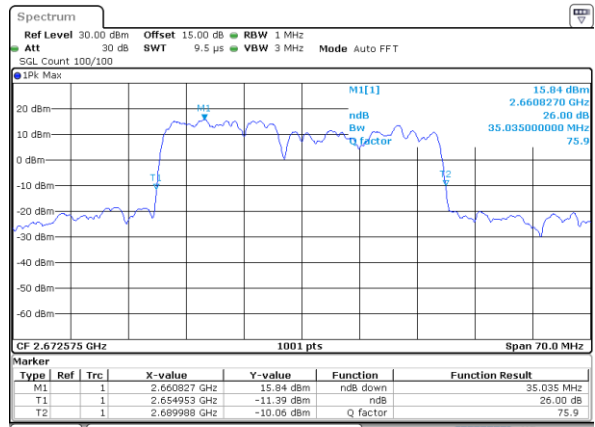
Date: 20 JUN 2022 20:11:35

Highest Channel / 15MHz+15MHz



Date: 20 JUN 2022 20:06:03

Highest Channel / 15MHz+20MHz



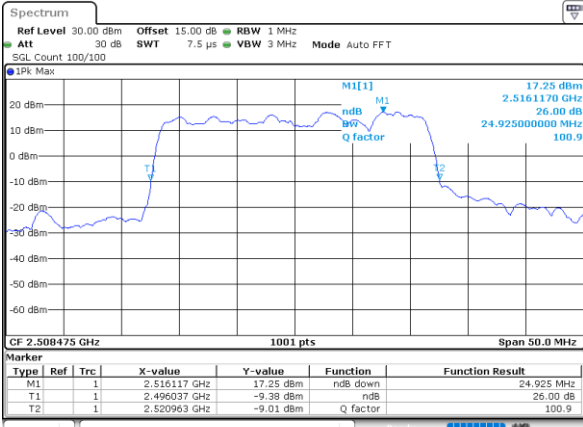
Date: 20 JUN 2022 20:25:45



LTE Band 41C

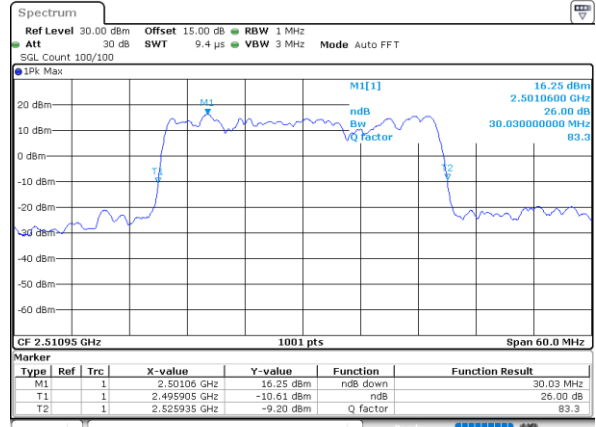
16QAM

Lowest Channel / 20MHz+5MHz



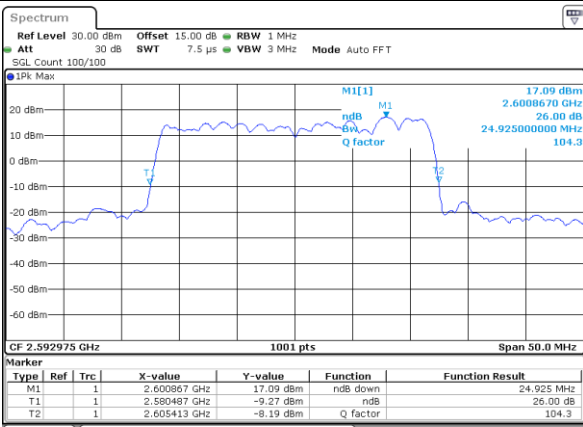
Date: 20 JUN 2022 20:30:44

Lowest Channel / 20MHz+10MHz



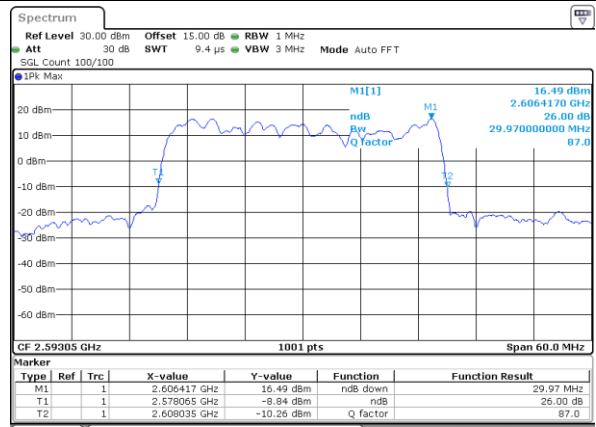
Date: 20 JUN 2022 20:37:46

Middle Channel / 20MHz+5MHz



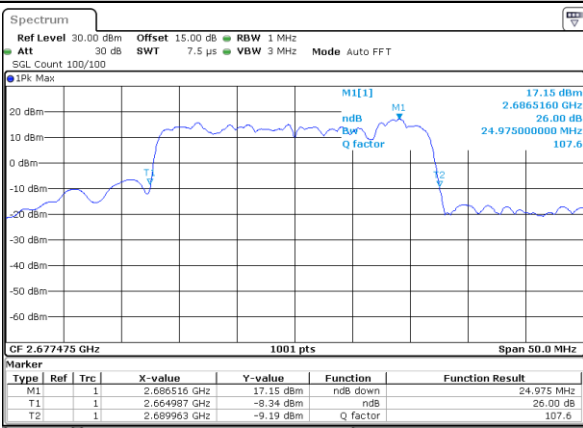
Date: 20 JUN 2022 20:33:05

Middle Channel / 20MHz+10MHz



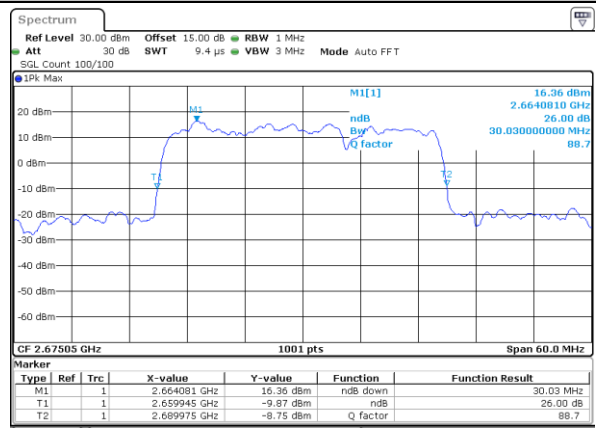
Date: 20 JUN 2022 20:40:02

Highest Channel / 20MHz+5MHz



Date: 20 JUN 2022 20:35:13

Highest Channel / 20MHz+10MHz



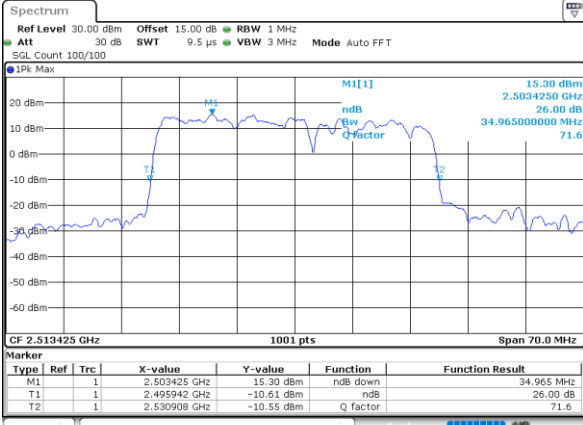
Date: 20 JUN 2022 20:42:10



LTE Band 41C

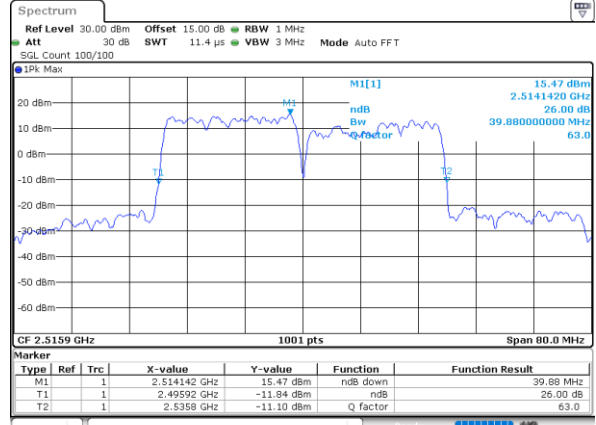
16QAM

Lowest Channel / 20MHz+15MHz



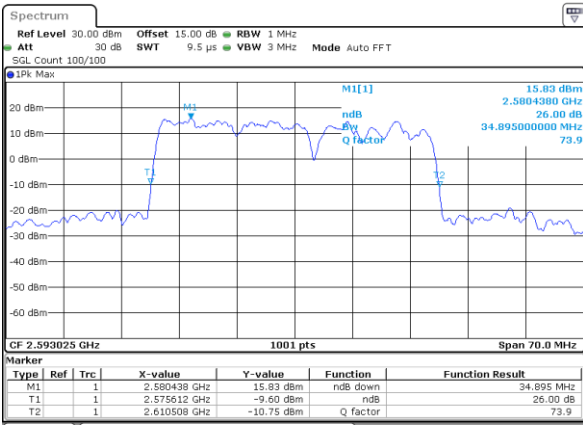
Date: 20 JUN 2022 20:44:34

Lowest Channel / 20MHz+20MHz



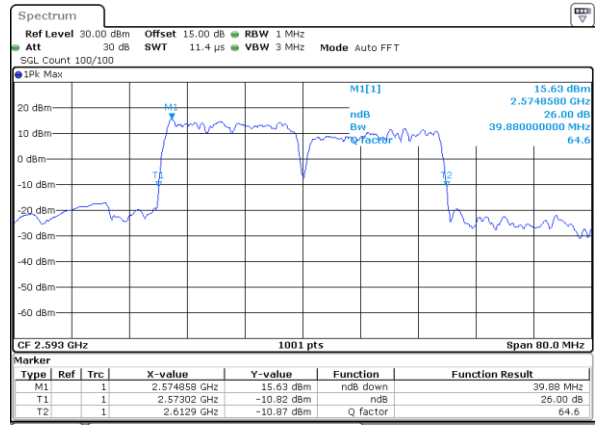
Date: 20 JUN 2022 20:53:45

Middle Channel / 20MHz+15MHz



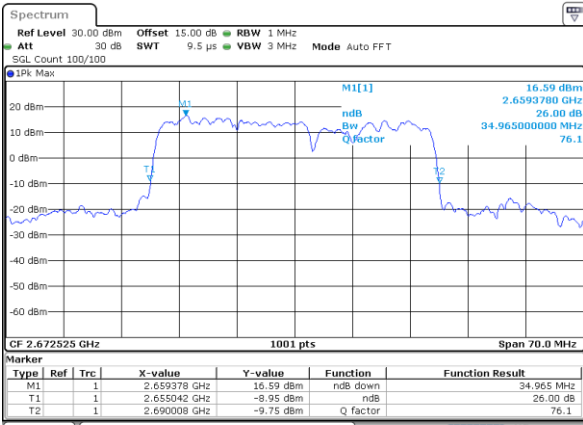
Date: 20 JUN 2022 17:17:48

Middle Channel / 20MHz+20MHz



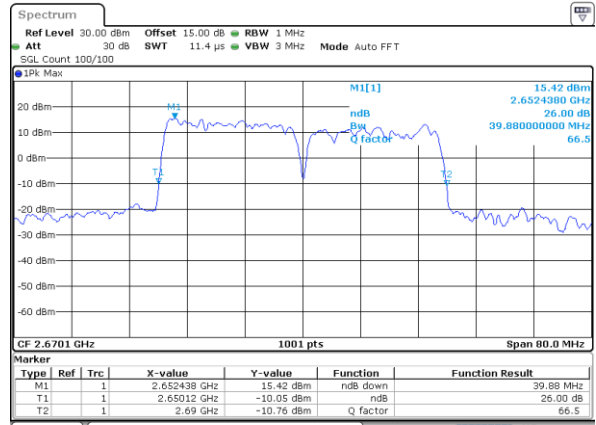
Date: 20 JUN 2022 20:56:13

Highest Channel / 20MHz+15MHz



Date: 20 JUN 2022 20:48:23

Highest Channel / 20MHz+20MHz



Date: 20 JUN 2022 20:58:57

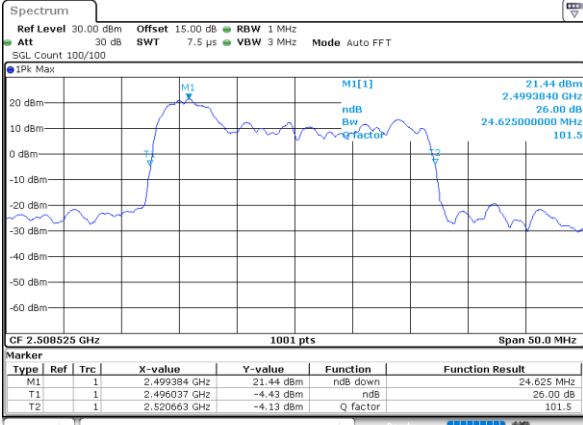




LTE Band 41C

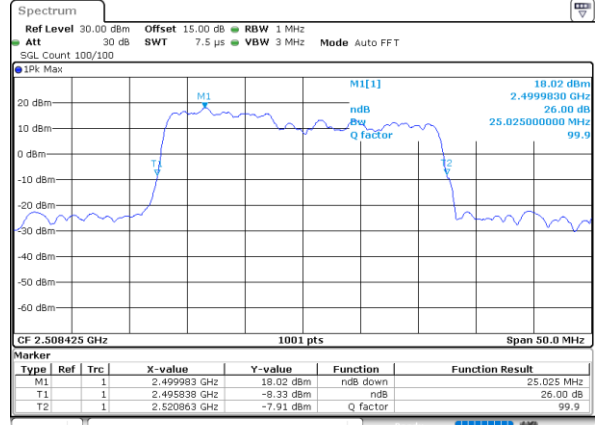
64QAM

Lowest Channel / 5MHz+20MHz



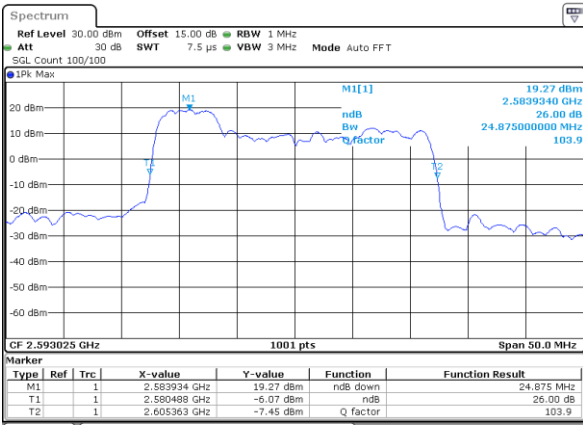
Date: 20 JUN 2022 18:24:18

Lowest Channel / 10MHz+15MHz



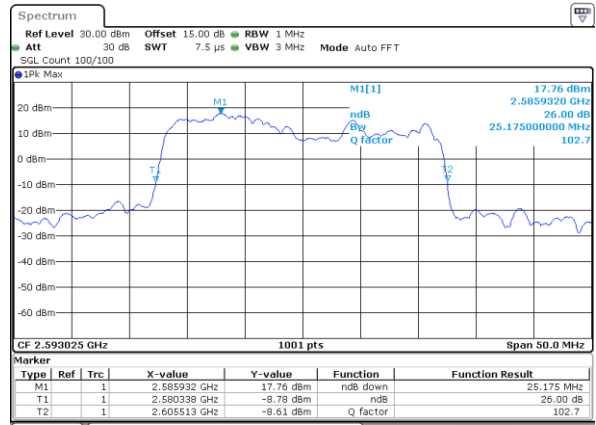
Date: 20 JUN 2022 18:51:29

Middle Channel / 5MHz+20MHz



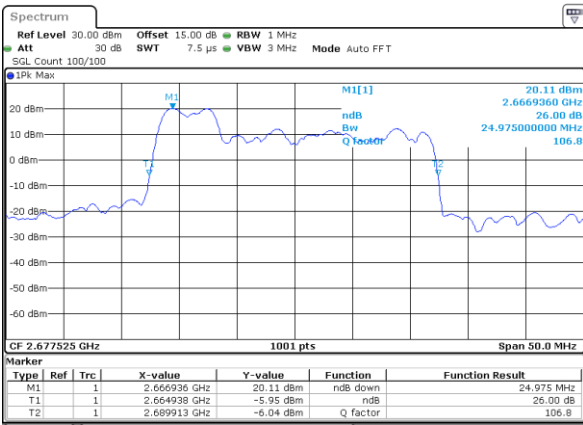
Date: 20 JUN 2022 18:26:28

Middle Channel / 10MHz+15MHz



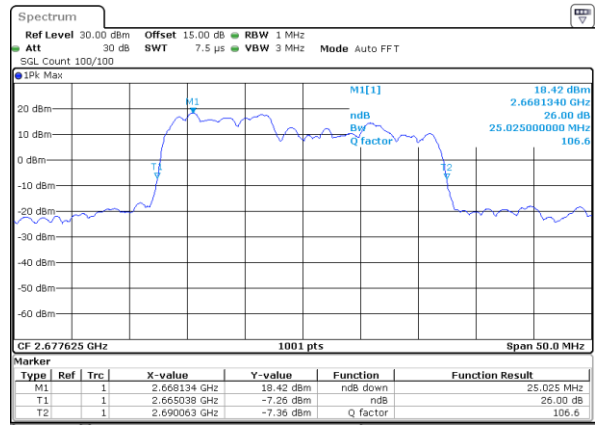
Date: 20 JUN 2022 18:53:41

Highest Channel / 5MHz+20MHz



Date: 20 JUN 2022 18:44:59

Highest Channel / 10MHz+15MHz



Date: 20 JUN 2022 19:17:04