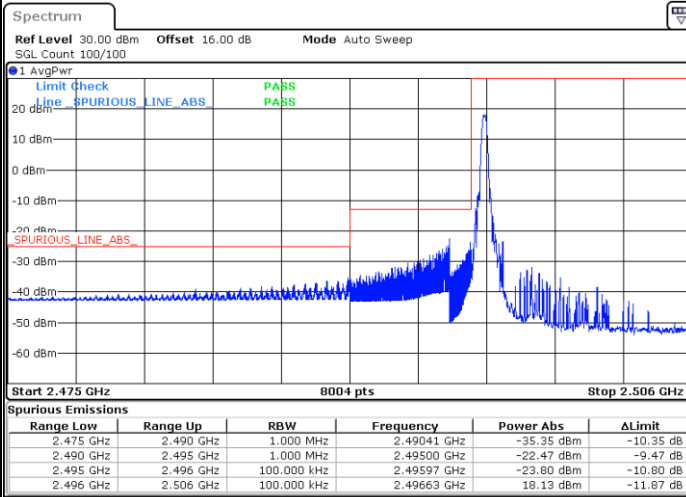




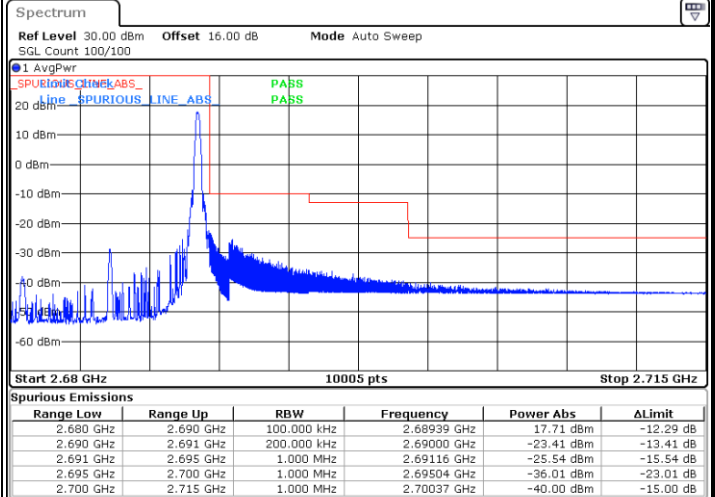
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



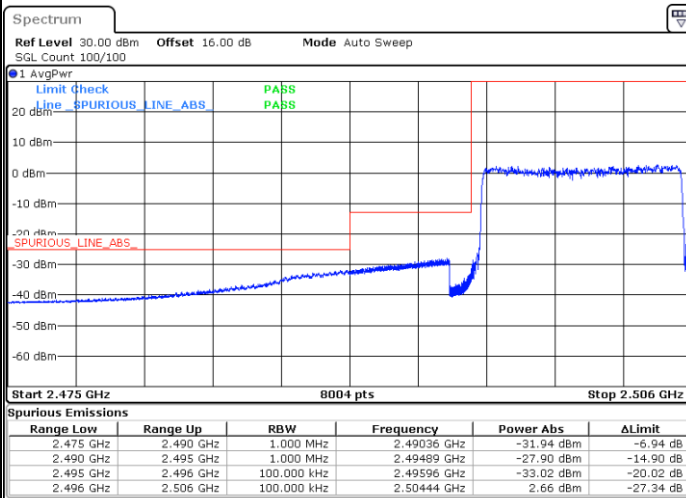
Date: 21.APR.2022 19:56:24

Highest Band Edge / 1 RB



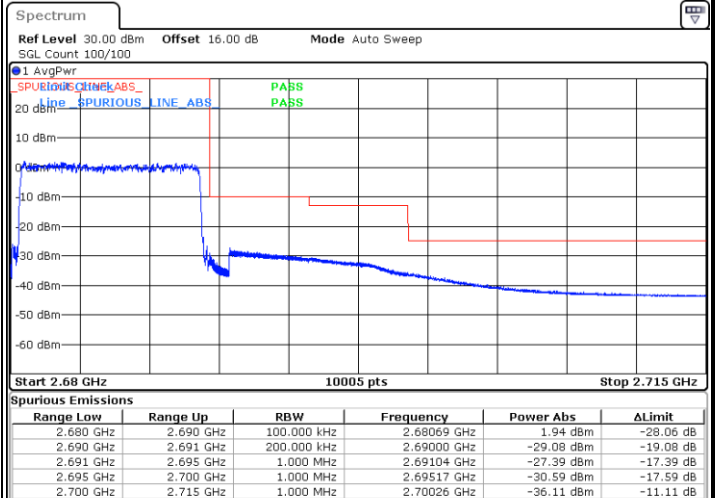
Date: 21.APR.2022 19:58:34

Lowest Band Edge / Full RB



Date: 21.APR.2022 19:57:27

Highest Band Edge / Full RB

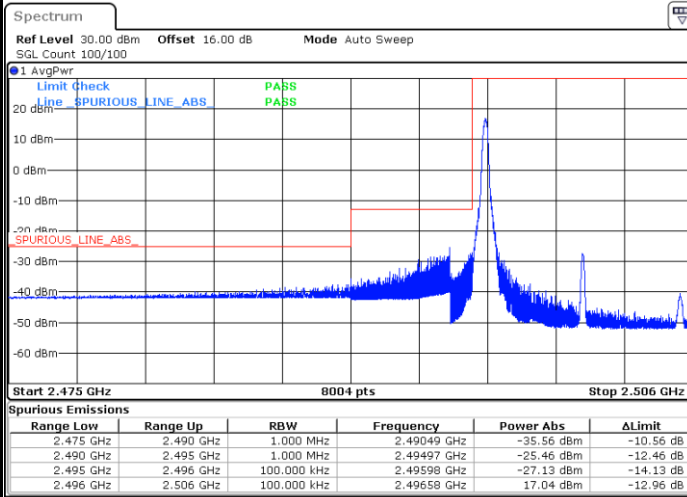


Date: 21.APR.2022 19:59:41



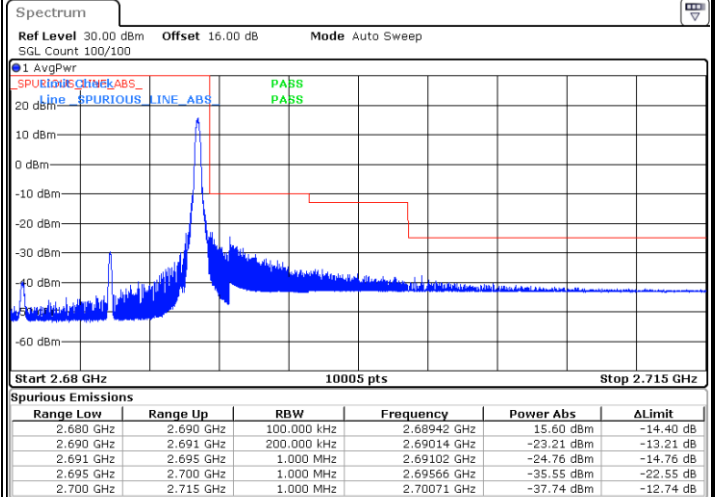
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



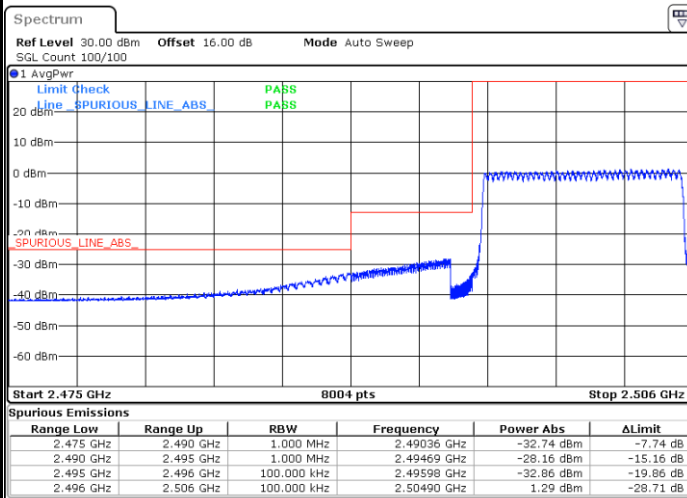
Date: 28.APR.2022 20:33:20

Highest Band Edge / 1 RB



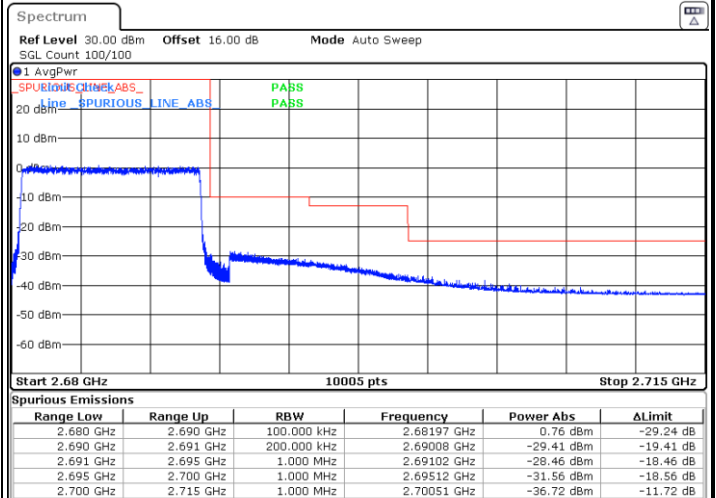
Date: 28.APR.2022 20:35:33

Lowest Band Edge / Full RB



Date: 28.APR.2022 20:34:27

Highest Band Edge / Full RB

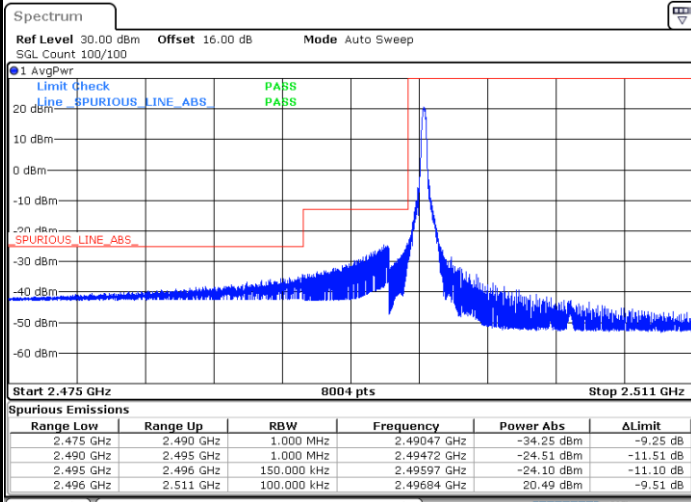


Date: 2.MAY.2022 22:04:28



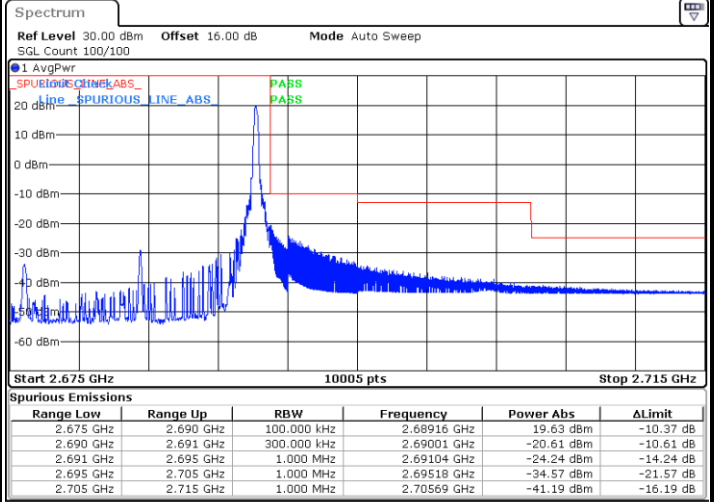
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



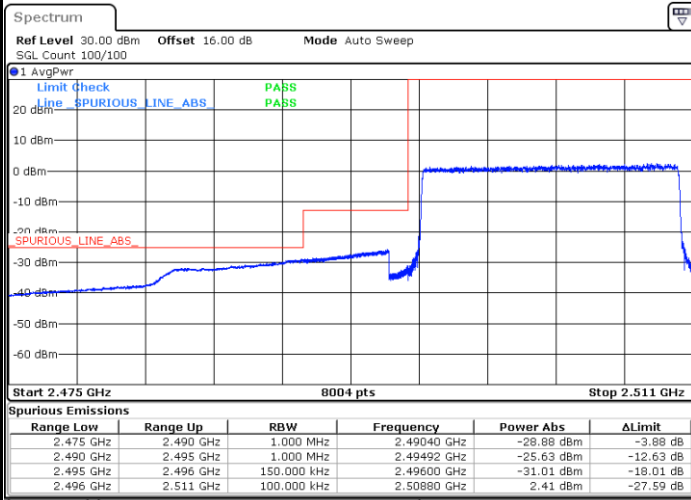
Date: 21.APR.2022 20:08:44

Highest Band Edge / 1 RB



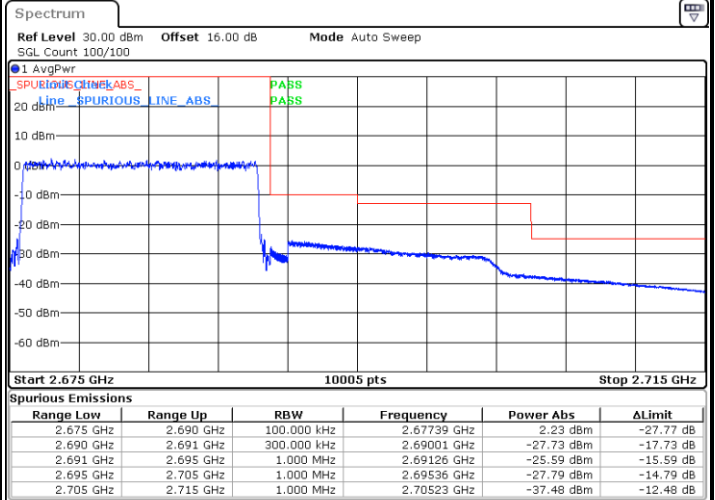
Date: 21.APR.2022 20:13:01

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:10:51

Highest Band Edge / Full RB

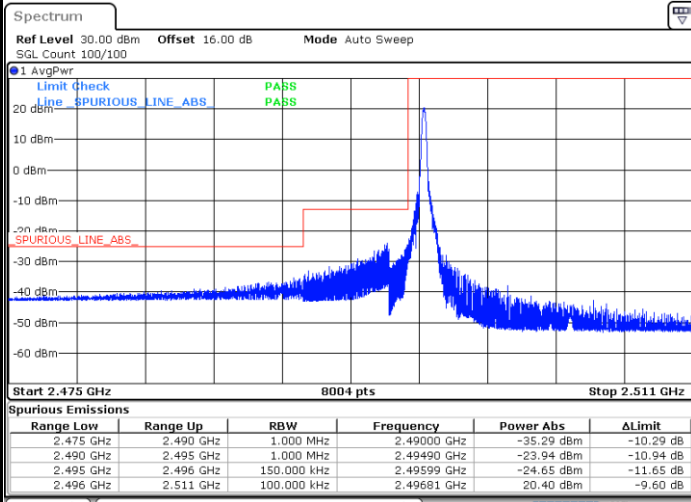


Date: 21.APR.2022 20:15:14



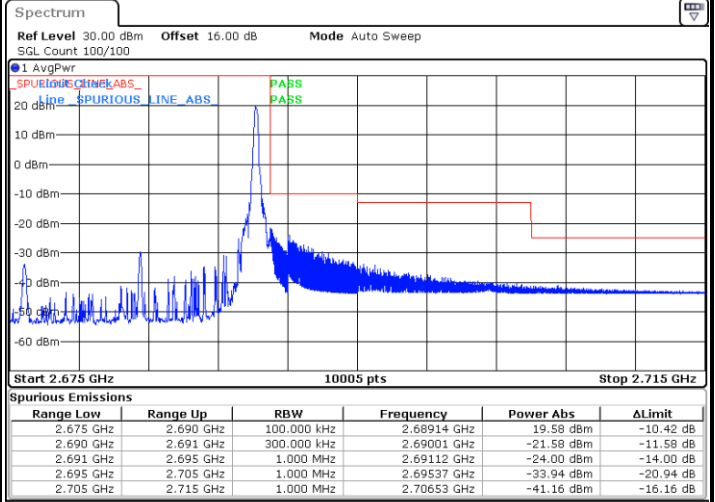
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



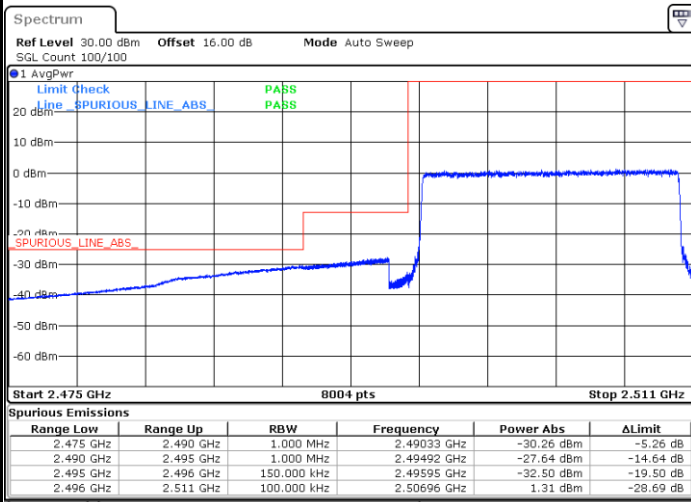
Date: 21.APR.2022 20:09:47

Highest Band Edge / 1 RB



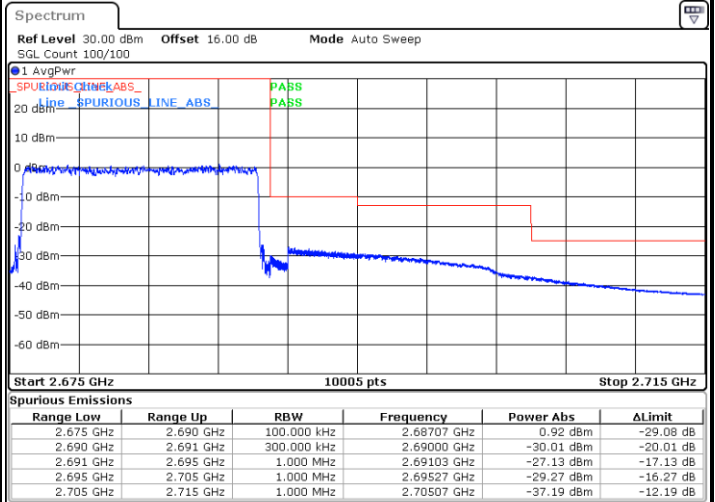
Date: 21.APR.2022 20:14:08

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:11:54

Highest Band Edge / Full RB

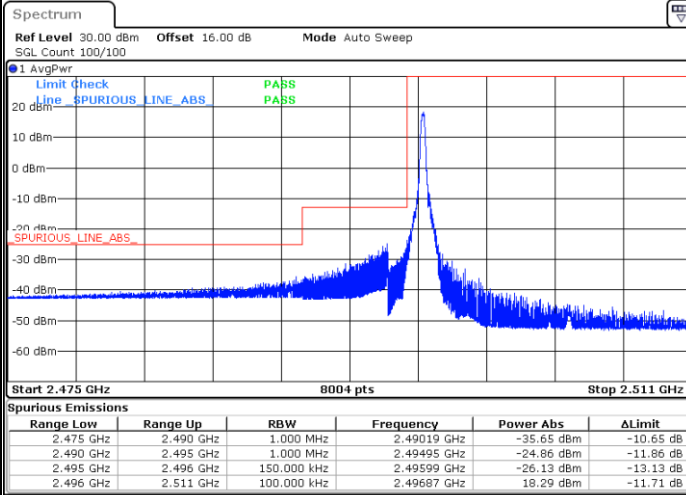


Date: 21.APR.2022 20:16:21



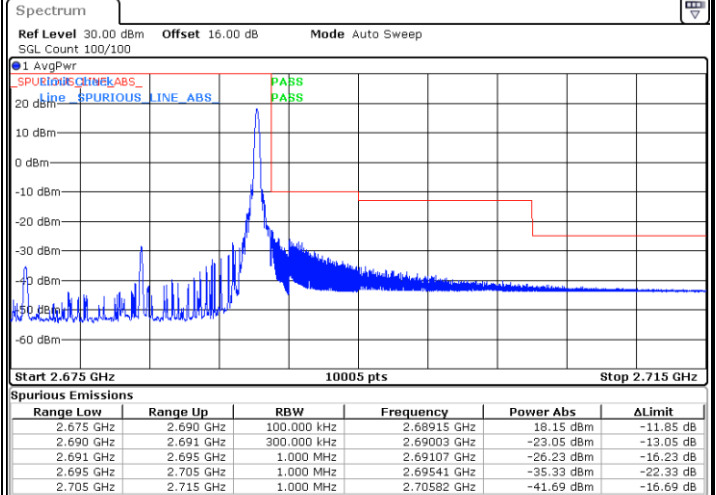
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



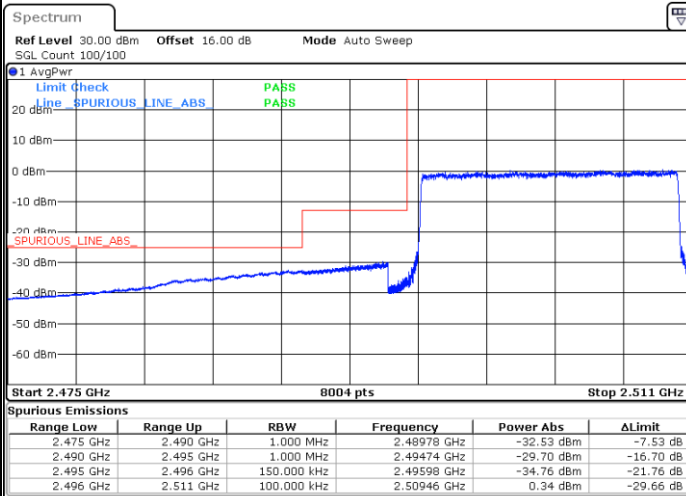
Date: 21.APR.2022 20:04:24

Highest Band Edge / 1 RB



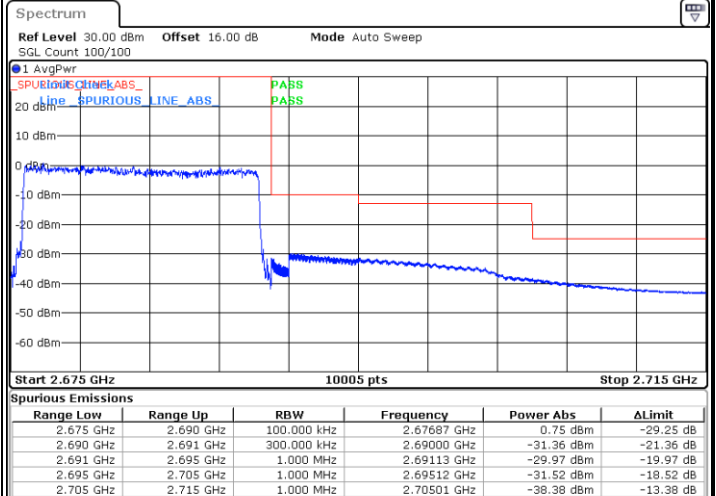
Date: 21.APR.2022 20:06:34

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:05:28

Highest Band Edge / Full RB

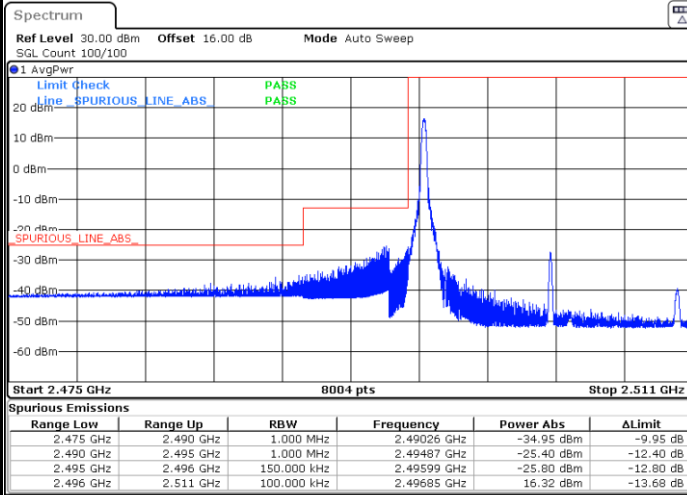


Date: 21.APR.2022 20:07:41



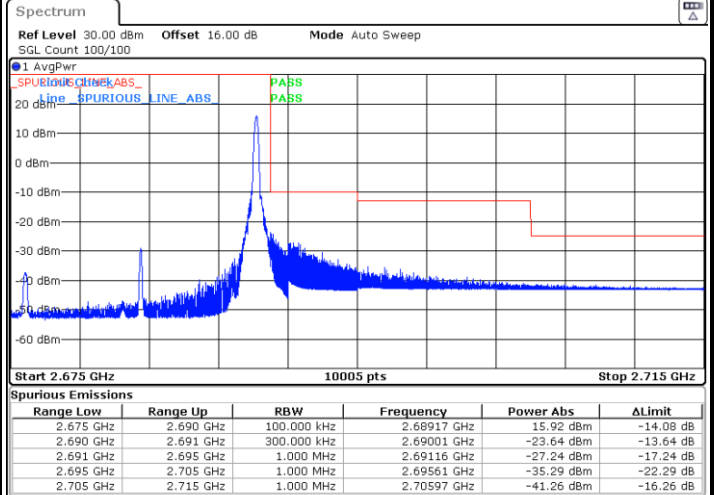
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



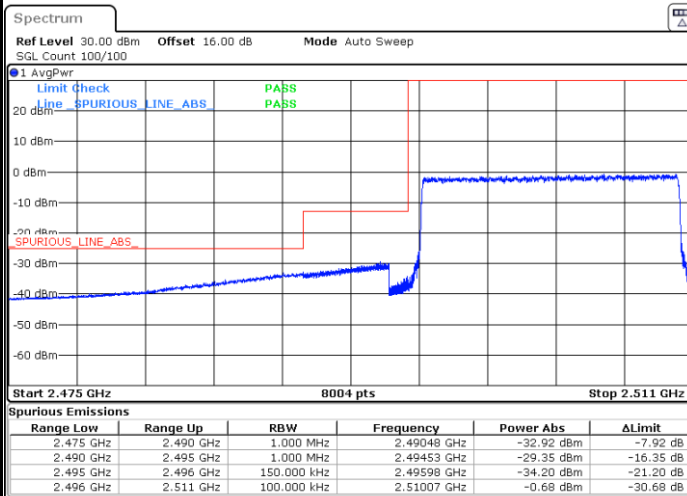
Date: 2.MAY.2022 22:12:48

Highest Band Edge / 1 RB



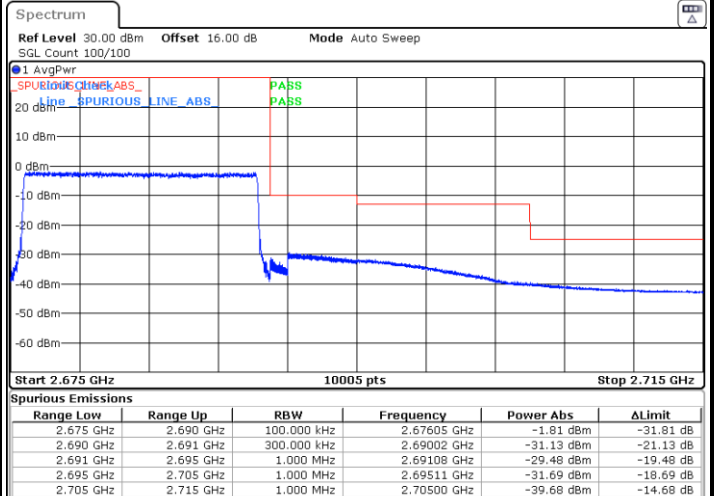
Date: 2.MAY.2022 22:15:26

Lowest Band Edge / Full RB



Date: 2.MAY.2022 22:14:19

Highest Band Edge / Full RB

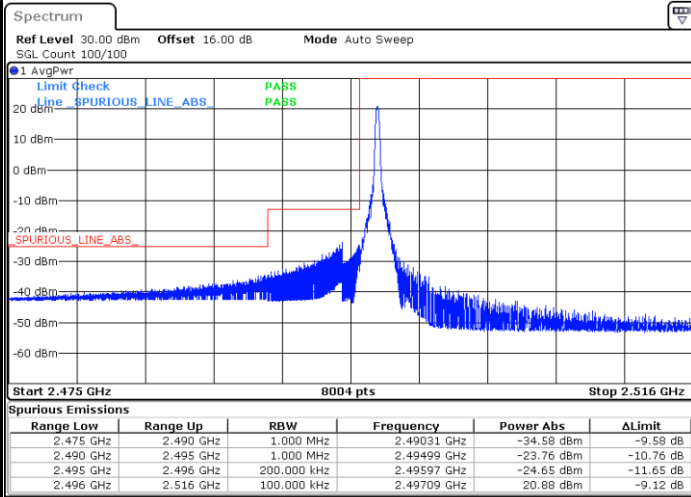


Date: 2.MAY.2022 22:16:32



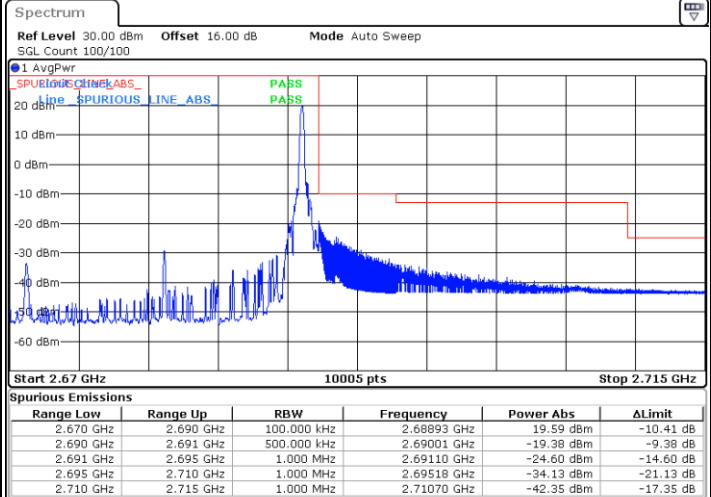
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



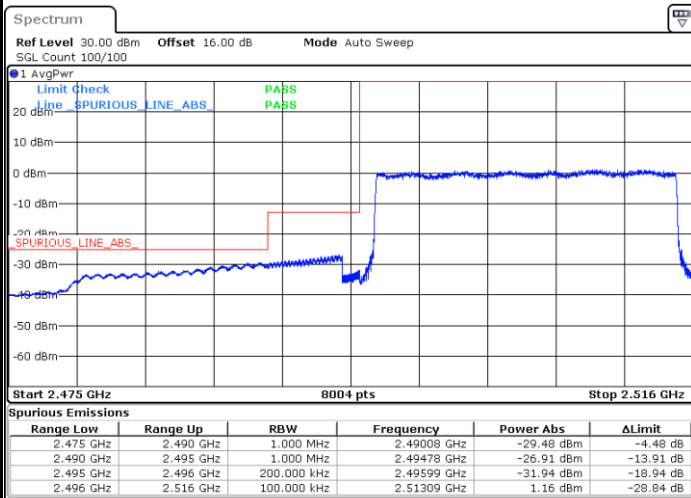
Date: 21.APR.2022 20:21:04

Highest Band Edge / 1 RB



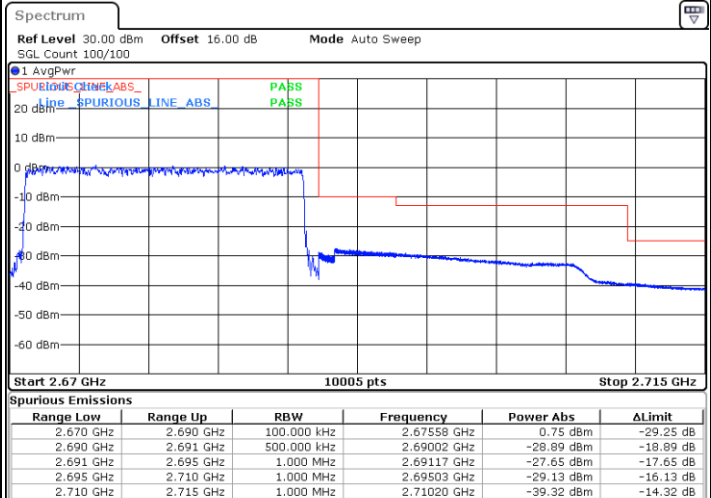
Date: 21.APR.2022 20:25:17

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:23:11

Highest Band Edge / Full RB

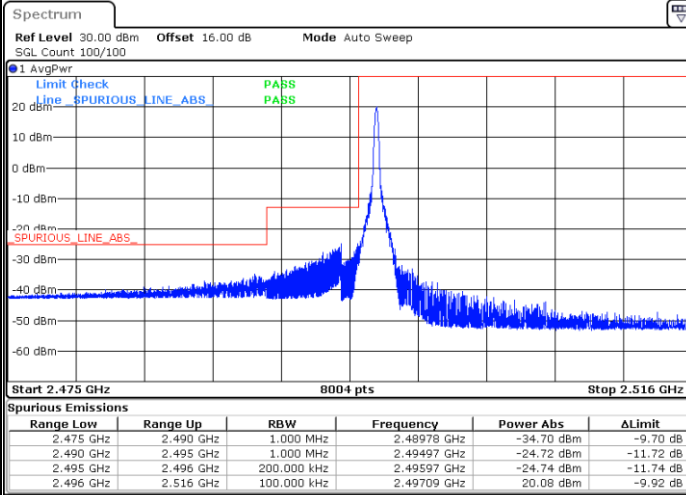


Date: 21.APR.2022 20:28:26



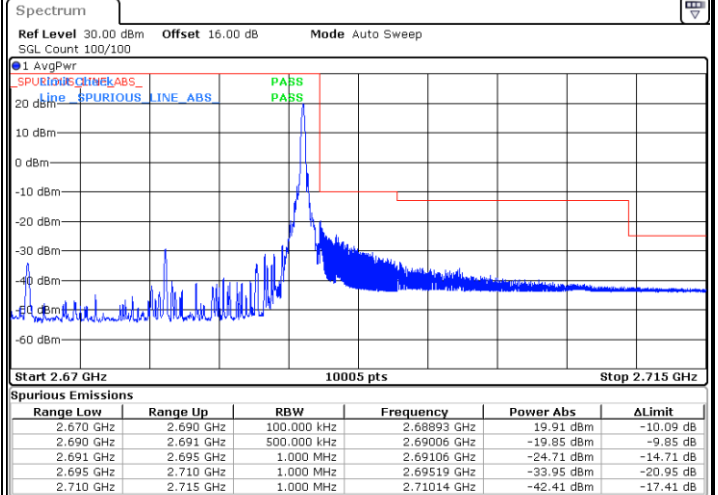
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



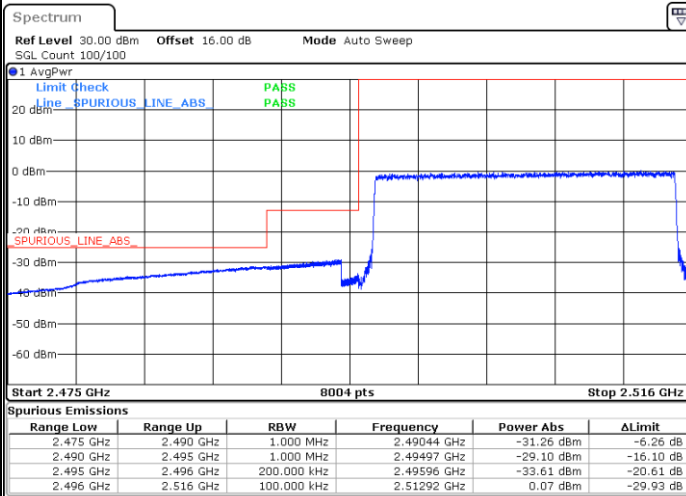
Date: 21.APR.2022 20:22:07

Highest Band Edge / 1 RB



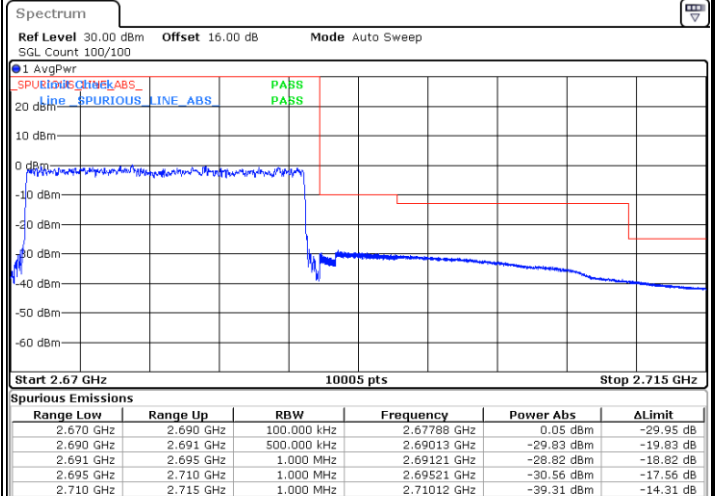
Date: 21.APR.2022 20:26:20

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:24:14

Highest Band Edge / Full RB



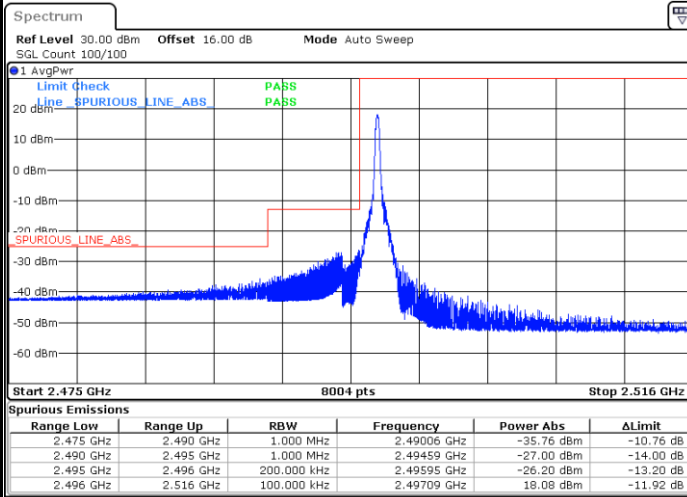
Date: 21.APR.2022 20:27:23





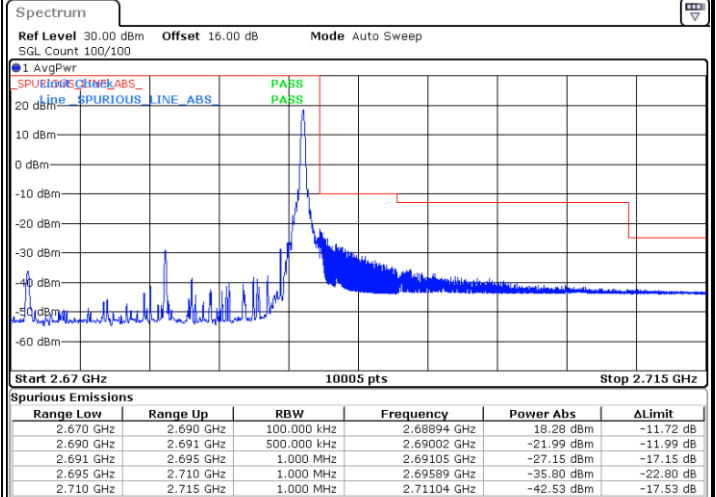
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



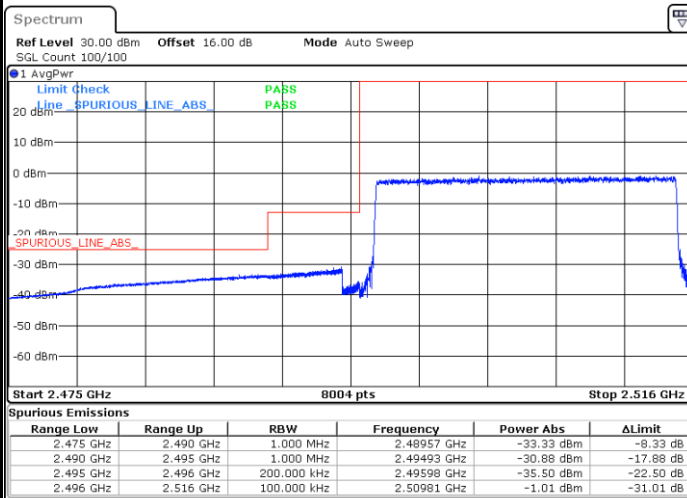
Date: 21.APR.2022 20:29:30

Highest Band Edge / 1 RB



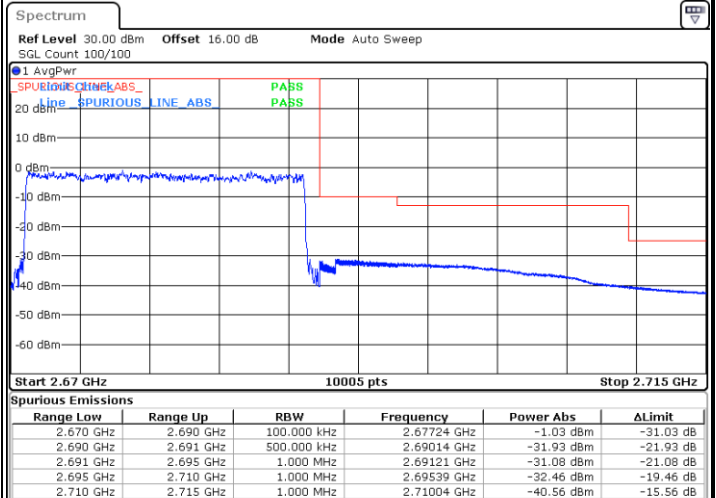
Date: 21.APR.2022 20:31:36

Lowest Band Edge / Full RB



Date: 21.APR.2022 20:30:33

Highest Band Edge / Full RB

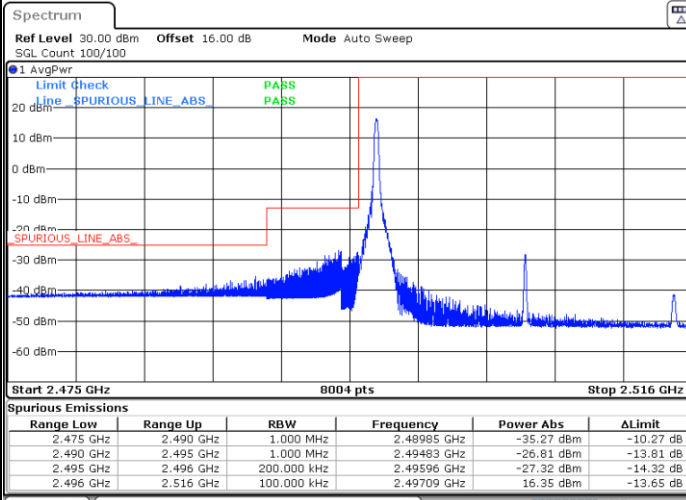


Date: 21.APR.2022 20:32:39



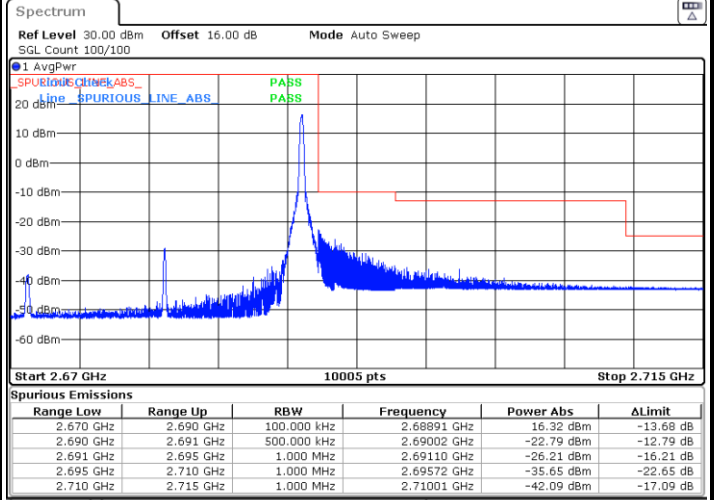
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



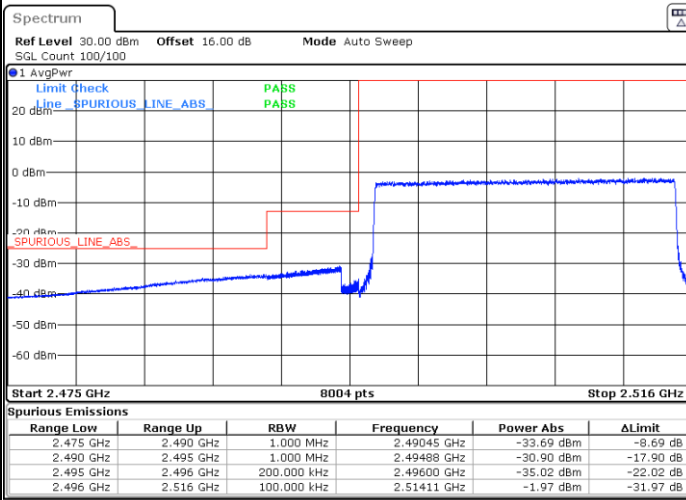
Date: 2.MAY.2022 22:24:40

Highest Band Edge / 1 RB



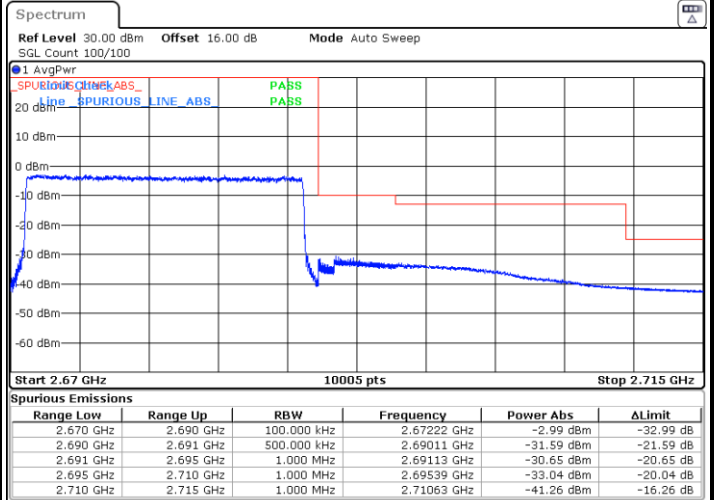
Date: 2.MAY.2022 22:26:55

Lowest Band Edge / Full RB



Date: 2.MAY.2022 22:25:47

Highest Band Edge / Full RB



Date: 2.MAY.2022 22:28:02

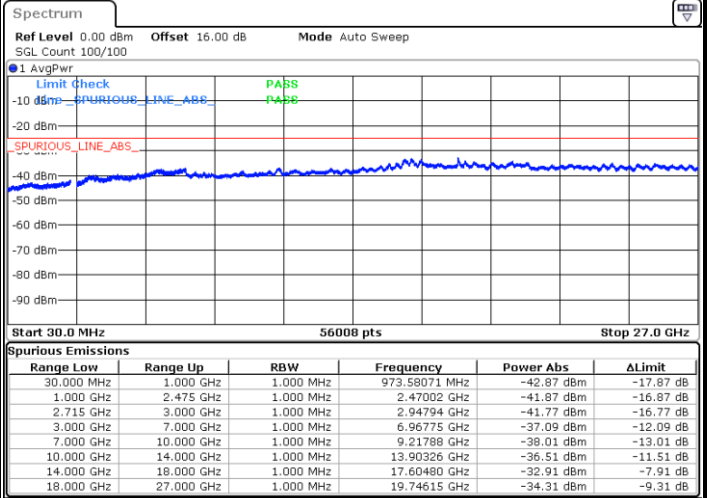
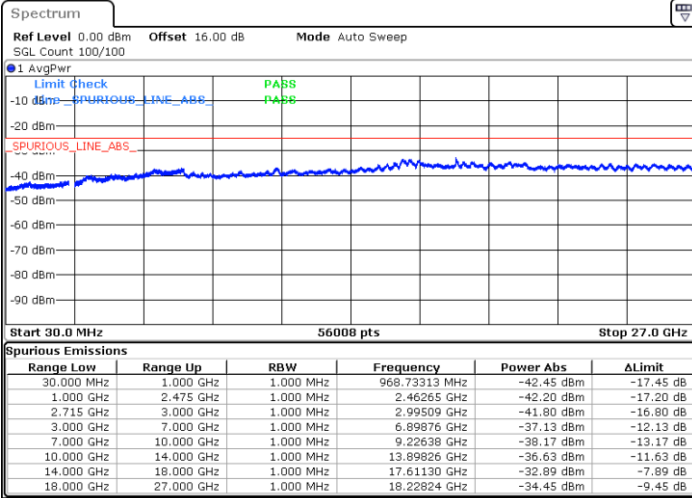


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

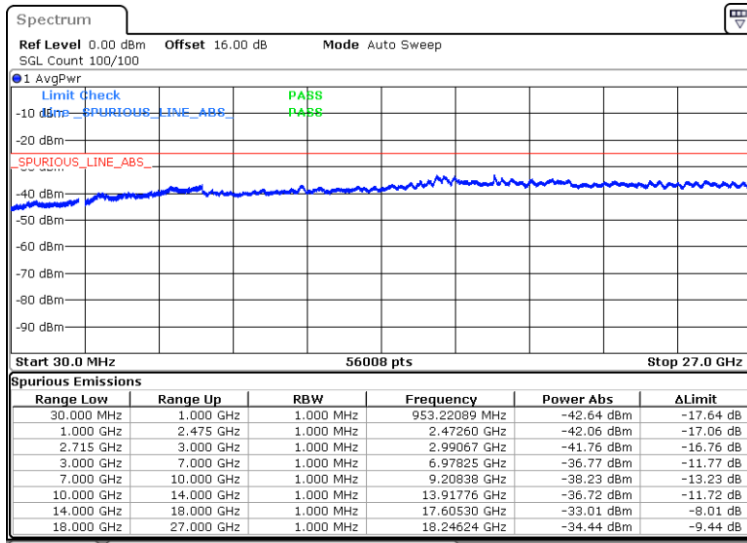
### Middle Channel / QPSK



Date: 21.APR.2022 19:44:15

Date: 21.APR.2022 19:45:27

### Highest Channel / QPSK



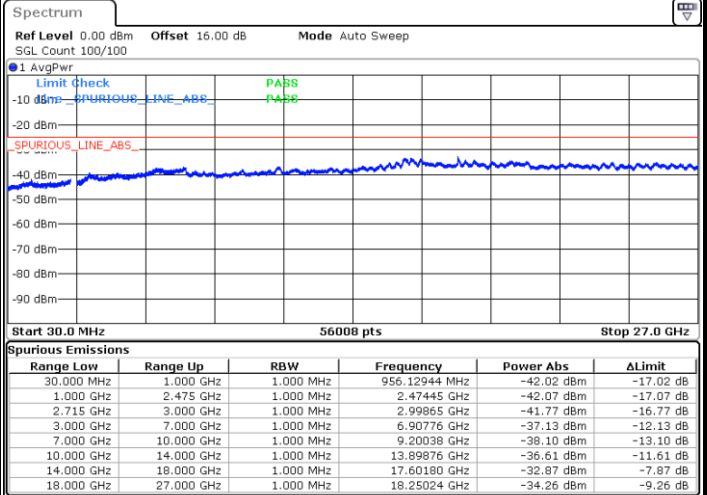
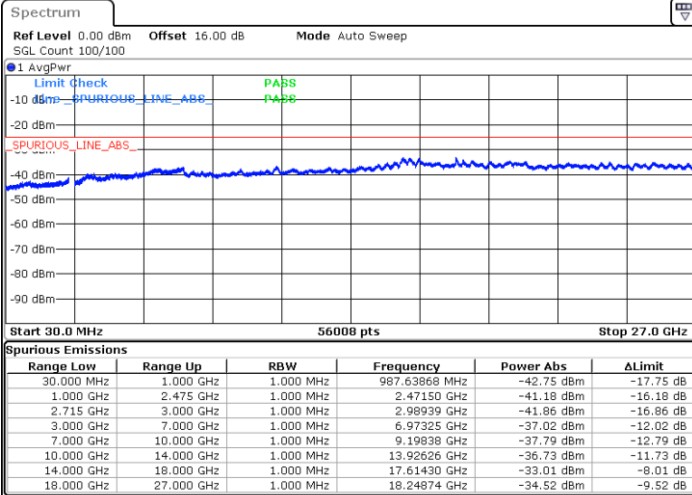
Date: 21.APR.2022 19:46:40



LTE Band 41 / 10MHz

Lowest Channel / QPSK

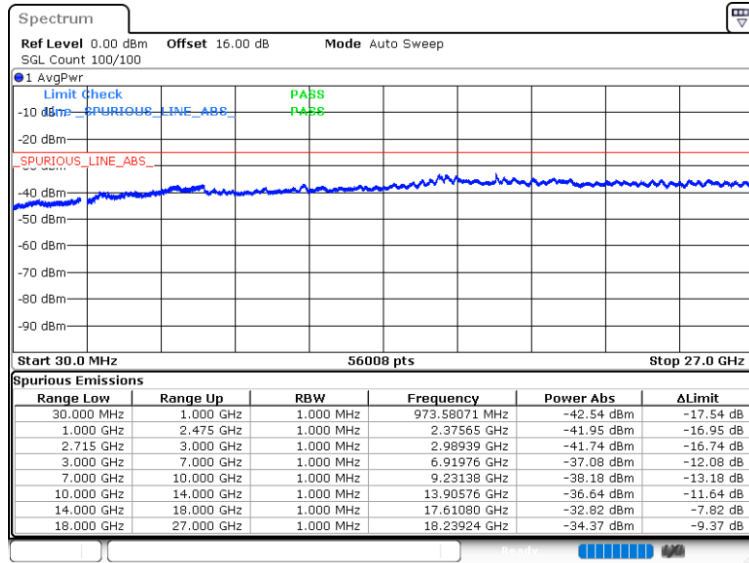
Middle Channel / QPSK



Date: 21.APR.2022 20:00:53

Date: 21.APR.2022 20:02:06

Highest Channel / QPSK



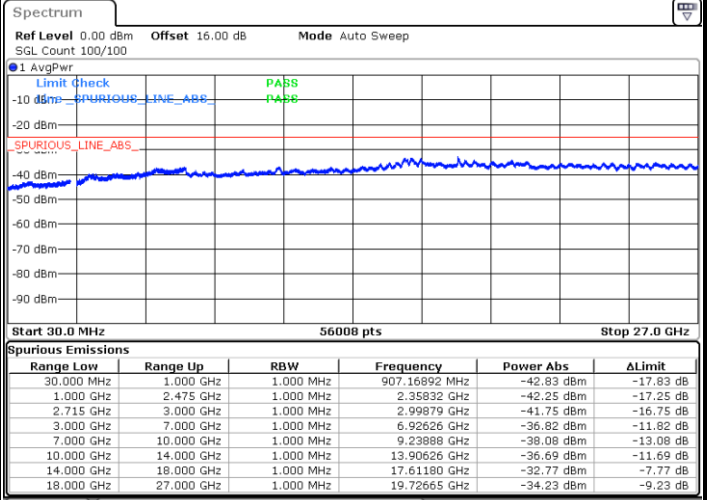
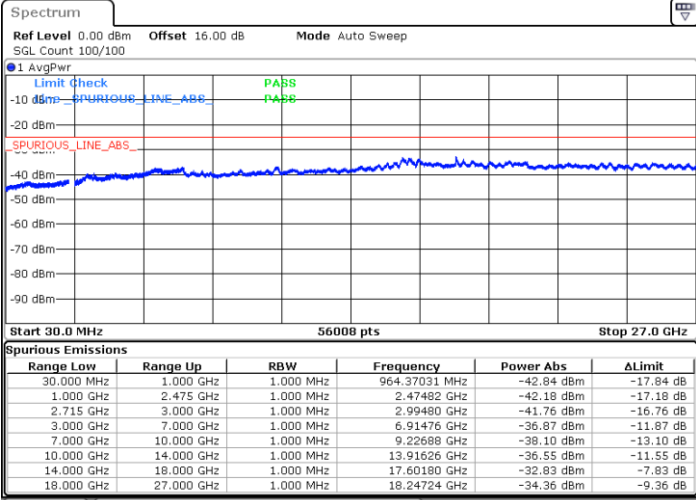
Date: 21.APR.2022 20:03:20



LTE Band 41 / 15MHz

Lowest Channel / QPSK

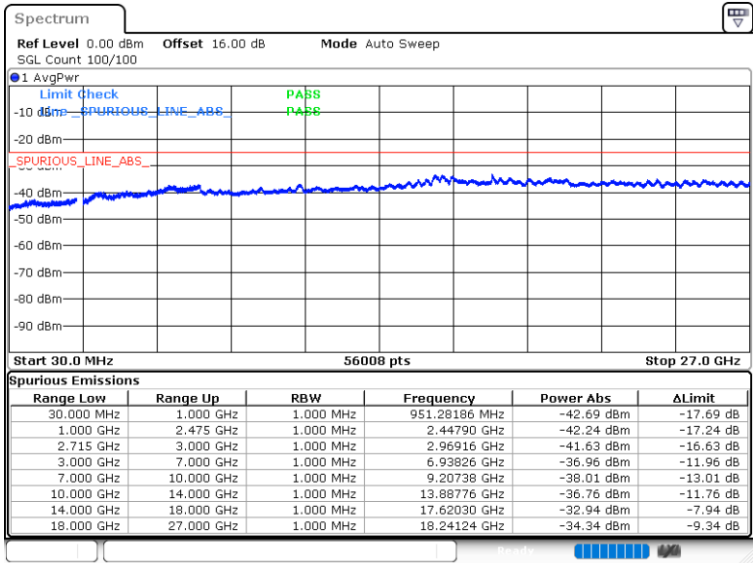
Middle Channel / QPSK



Date: 21.APR.2022 20:17:33

Date: 21.APR.2022 20:18:46

Highest Channel / QPSK



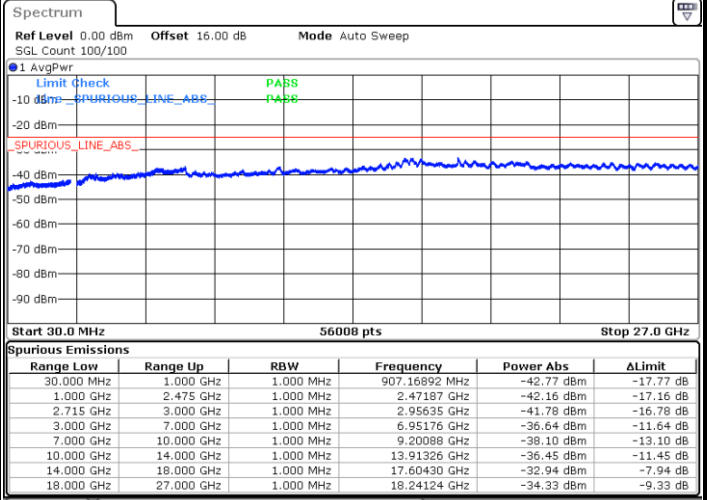
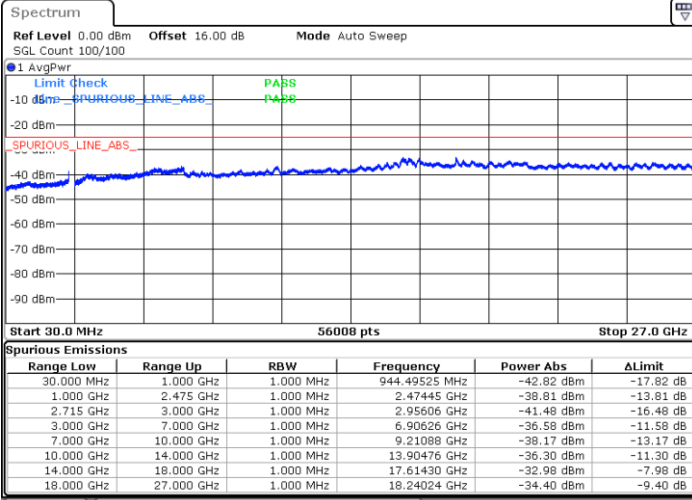
Date: 21.APR.2022 20:19:59



LTE Band 41 / 20MHz

Lowest Channel / QPSK

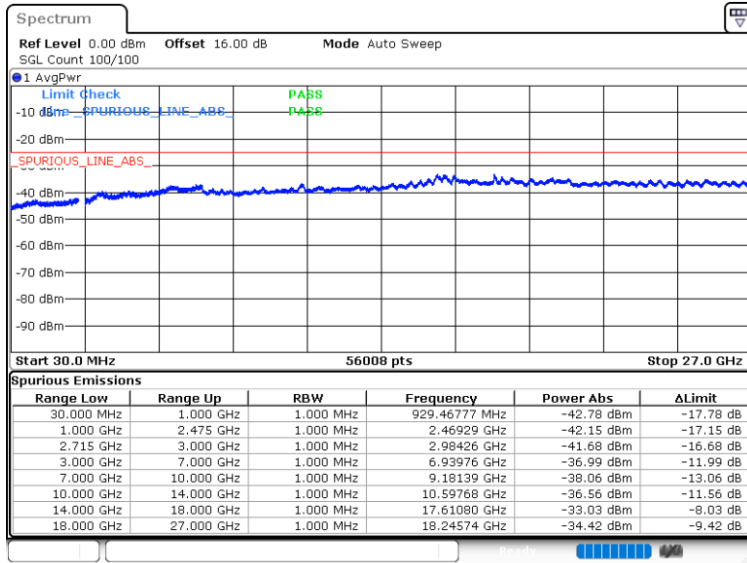
Middle Channel / QPSK



Date: 21.APR.2022 20:33:52

Date: 21.APR.2022 20:35:05

Highest Channel / QPSK



Date: 21.APR.2022 20:36:17



### 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	0.0001	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

**Note:**

- 1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
- 2. 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
Middle CH	23.68	25.18	29.85	25.23	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.18	25.03	29.85	34.97	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.58	25.08	29.85	25.28	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.25	24.88	29.91	34.90	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.68	25.23	29.85	25.23	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.69	25.03	29.97	34.97	40.12

Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.53	25.23	30.09	25.03	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.93	30.15	34.83	39.80

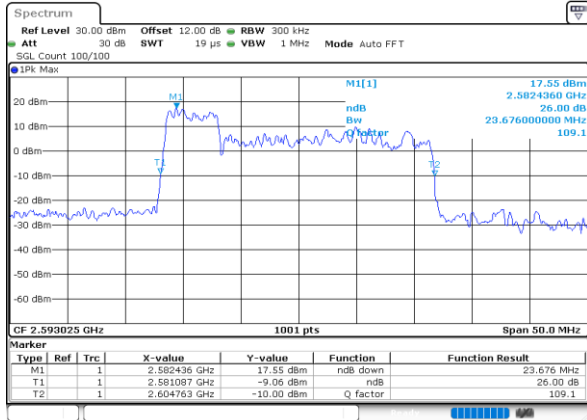




LTE Band 41C

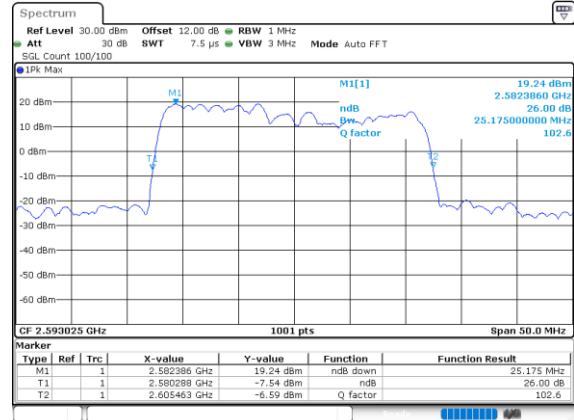
QPSK

Middle Channel / 5MHz+20MHz



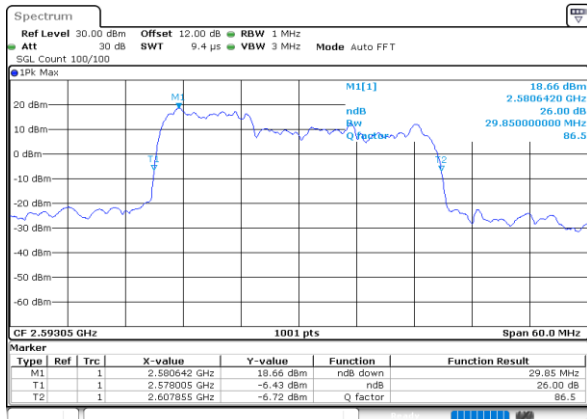
Date: 26.APR.2022 21:38:33

Middle Channel / 10MHz+15MHz



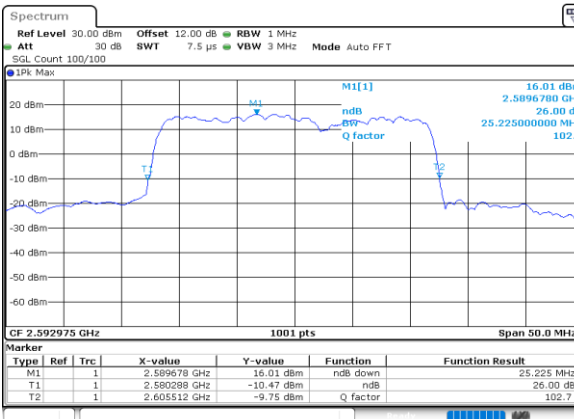
Date: 11.MAY.2022 11:10:26

Middle Channel / 10MHz+20MHz



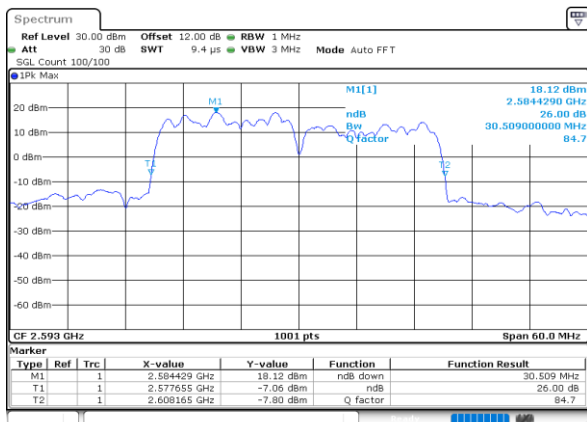
Date: 26.APR.2022 21:58:59

Middle Channel / 15MHz+10MHz



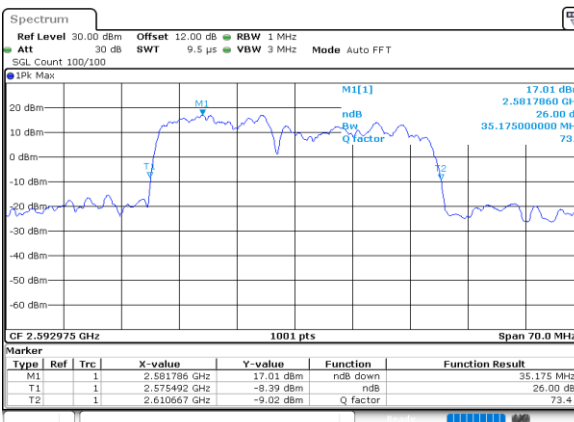
Date: 26.APR.2022 21:51:35

Middle Channel / 15MHz+15MHz



Date: 26.APR.2022 22:07:50

Middle Channel / 15MHz+20MHz

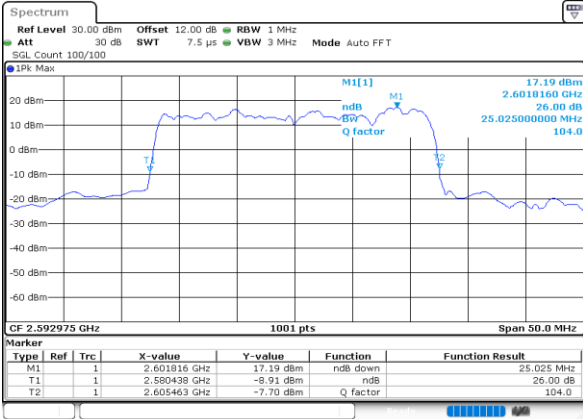


Date: 26.APR.2022 22:11:46



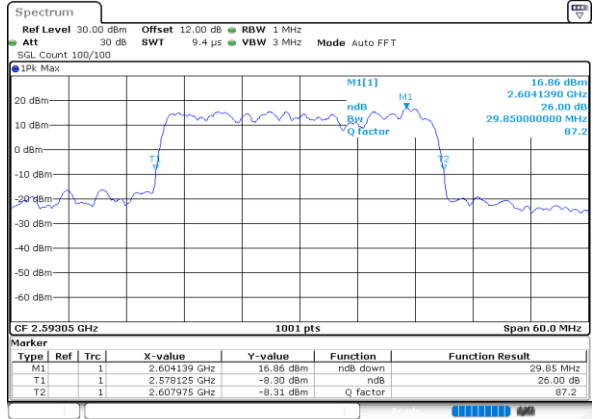
LTE Band 41C

Middle Channel / 20MHz+5MHz



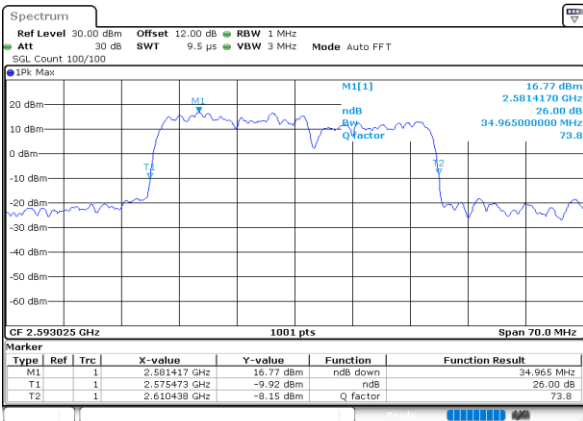
Date: 26.APR.2022 21:41:26

Middle Channel / 20MHz+10MHz



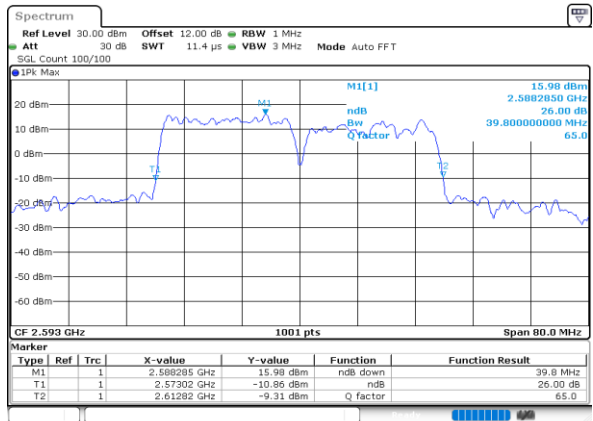
Date: 26.APR.2022 22:01:52

Middle Channel / 20MHz+15MHz



Date: 26.APR.2022 22:14:39

Middle Channel / 20MHz+20MHz

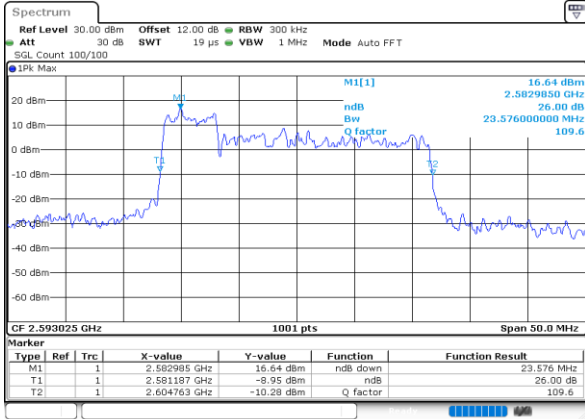


Date: 26.APR.2022 22:19:53



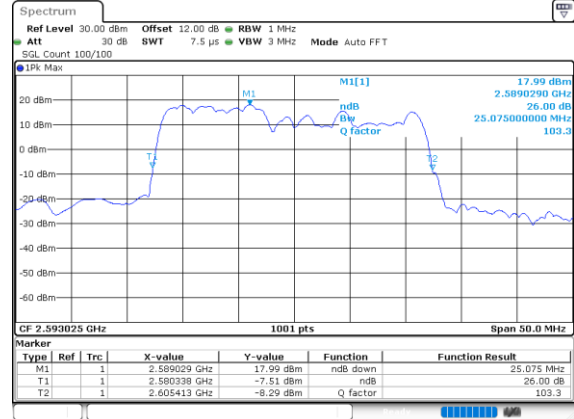
LTE Band 41C

Middle Channel / 5MHz+20MHz



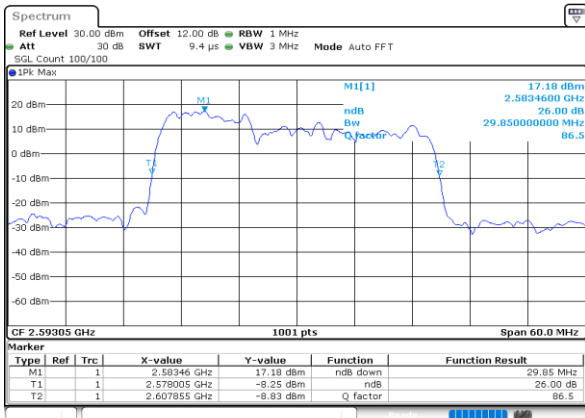
Date: 26.APR.2022 21:38:05

Middle Channel / 10MHz+15MHz



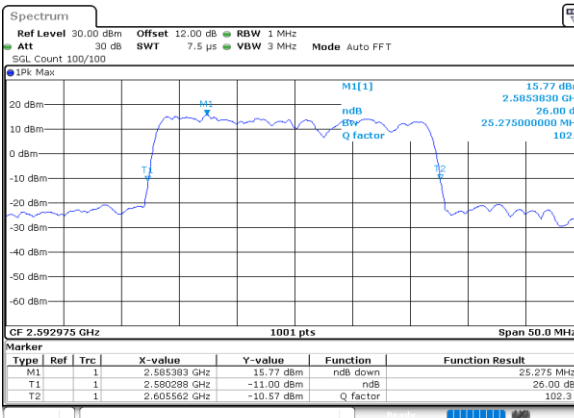
Date: 11.MAY.2022 11:07:34

Middle Channel / 10MHz+20MHz



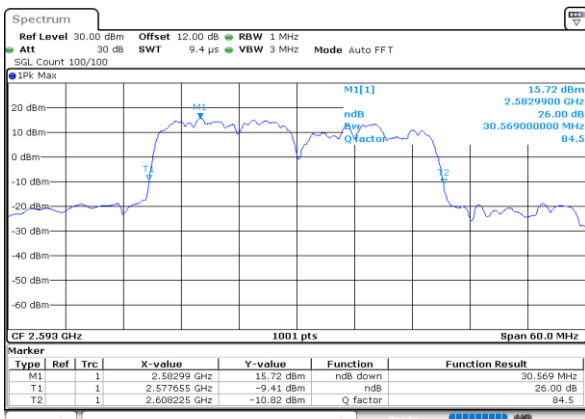
Date: 26.APR.2022 21:58:31

Middle Channel / 15MHz+10MHz



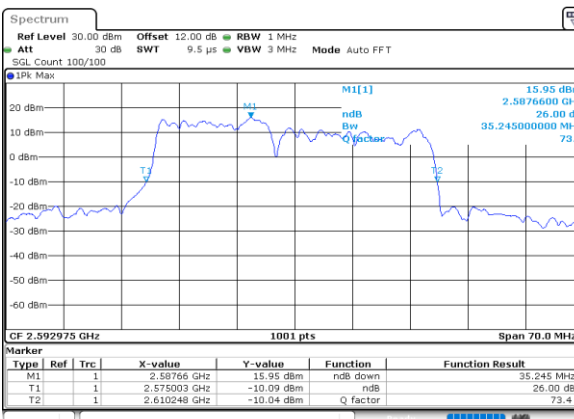
Date: 26.APR.2022 21:51:06

Middle Channel / 15MHz+15MHz



Date: 26.APR.2022 22:07:30

Middle Channel / 15MHz+20MHz



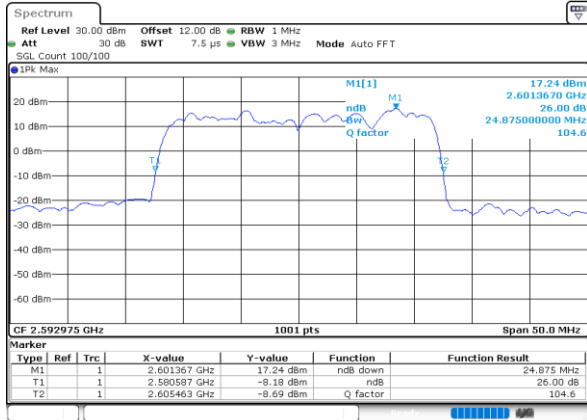
Date: 26.APR.2022 22:11:18



LTE Band 41C

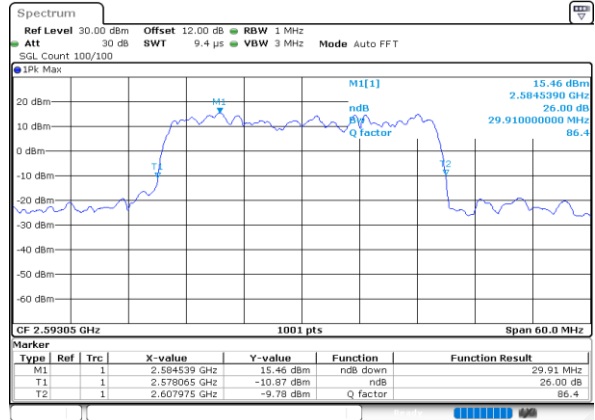
16QAM

Middle Channel / 20MHz+5MHz



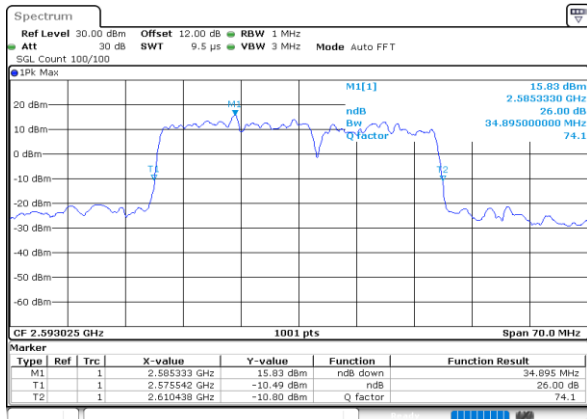
Date: 26.APR.2022 21:40:58

Middle Channel / 20MHz+10MHz



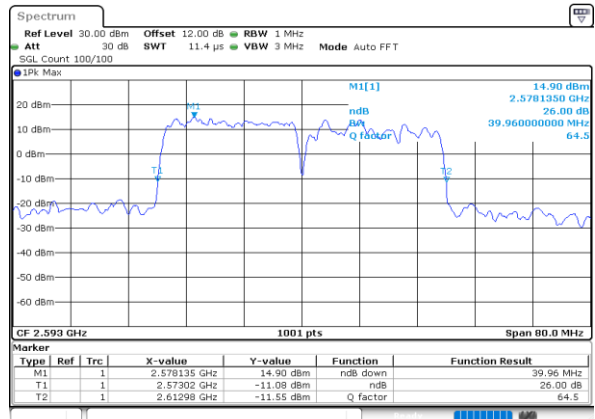
Date: 26.APR.2022 22:01:23

Middle Channel / 20MHz+15MHz



Date: 26.APR.2022 22:14:11

Middle Channel / 20MHz+20MHz



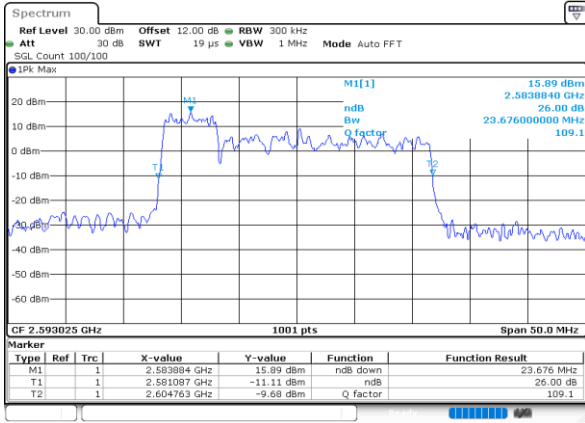
Date: 26.APR.2022 22:19:25



LTE Band 41C

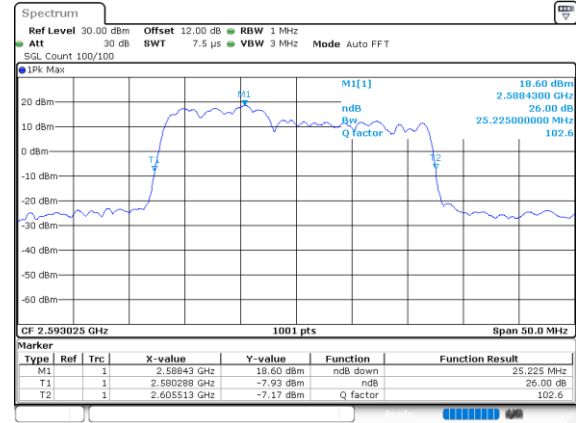
64QAM

Middle Channel / 5MHz+20MHz



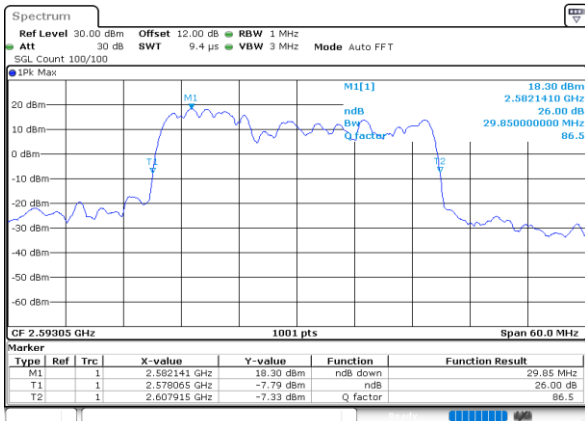
Date: 26.APR.2022 21:37:36

Middle Channel / 10MHz+15MHz



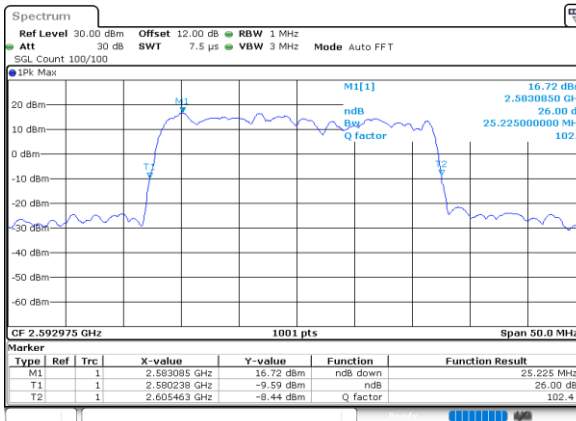
Date: 11.MAY.2022 11:08:02

Middle Channel / 10MHz+20MHz



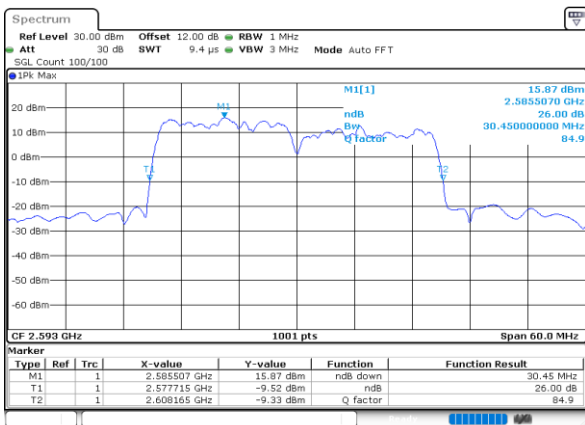
Date: 26.APR.2022 21:58:02

Middle Channel / 15MHz+10MHz



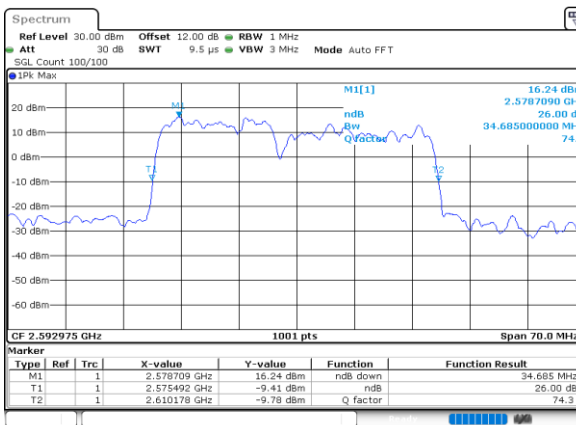
Date: 26.APR.2022 21:50:39

Middle Channel / 15MHz+15MHz



Date: 26.APR.2022 22:07:02

Middle Channel / 15MHz+20MHz



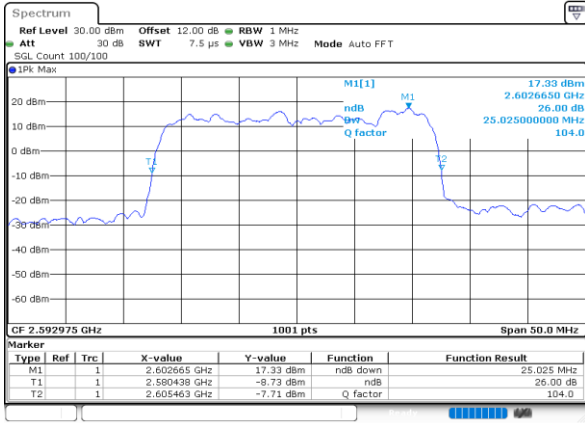
Date: 26.APR.2022 22:10:50



LTE Band 41C

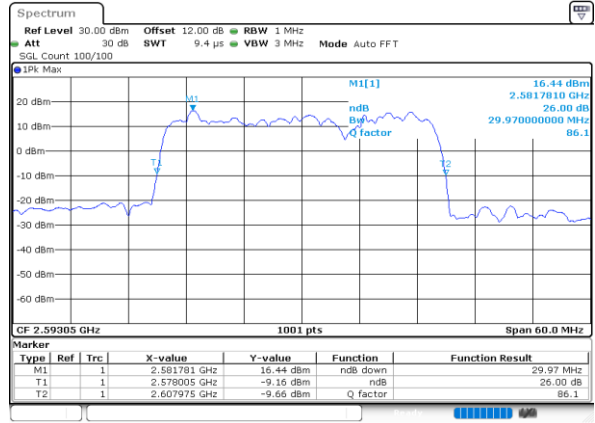
64QAM

Middle Channel / 20MHz+5MHz



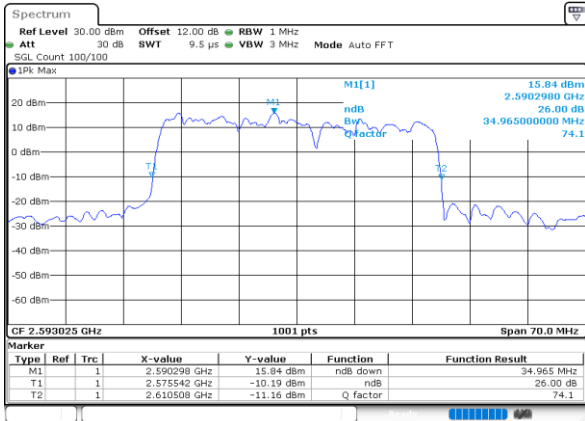
Date: 26.APR.2022 21:40:29

Middle Channel / 20MHz+10MHz



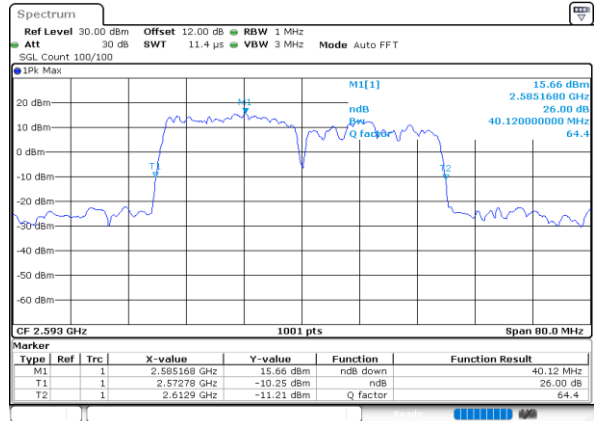
Date: 26.APR.2022 22:00:55

Middle Channel / 20MHz+15MHz



Date: 26.APR.2022 22:13:42

Middle Channel / 20MHz+20MHz



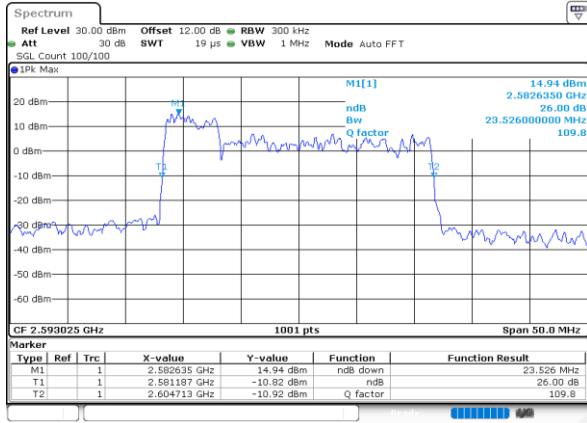
Date: 26.APR.2022 22:18:57



LTE Band 41C

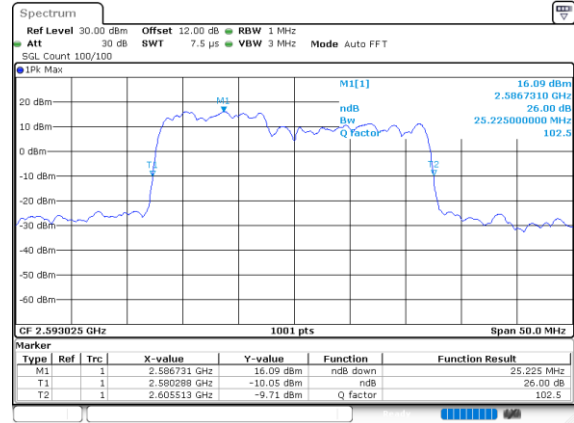
256QAM

Middle Channel / 5MHz+20MHz



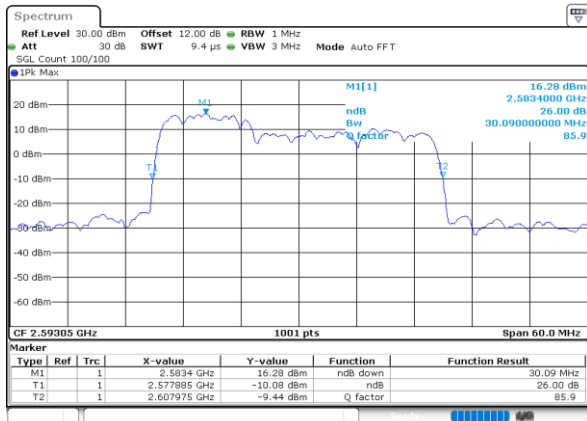
Date: 28.APR.2022 23:02:07

Middle Channel / 10MHz+15MHz



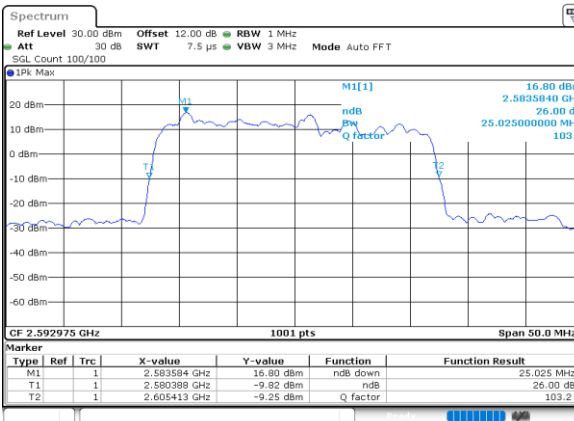
Date: 11.MAY.2022 11:09:47

Middle Channel / 10MHz+20MHz



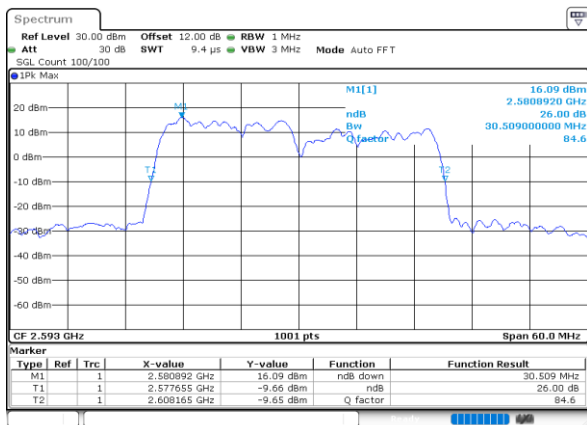
Date: 28.APR.2022 23:24:15

Middle Channel / 15MHz+10MHz



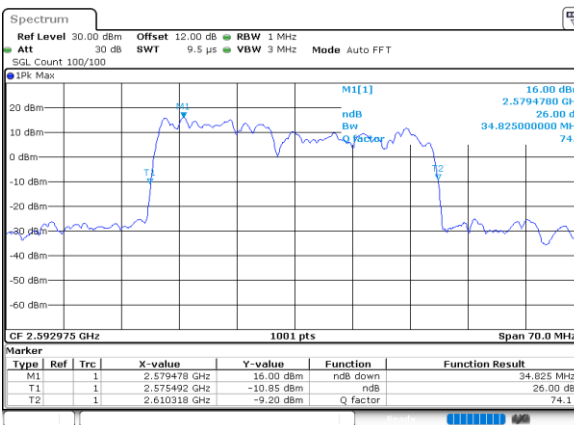
Date: 28.APR.2022 23:19:01

Middle Channel / 15MHz+15MHz



Date: 28.APR.2022 23:35:57

Middle Channel / 15MHz+20MHz



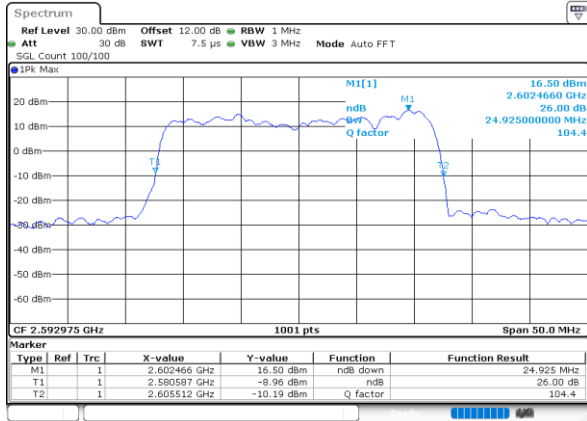
Date: 28.APR.2022 23:39:02



LTE Band 41C

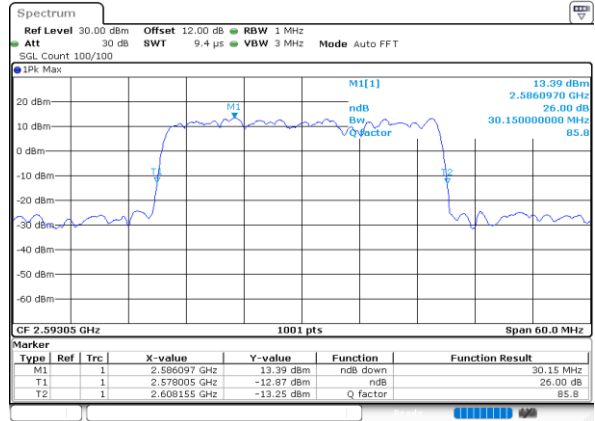
256QAM

Middle Channel / 20MHz+5MHz



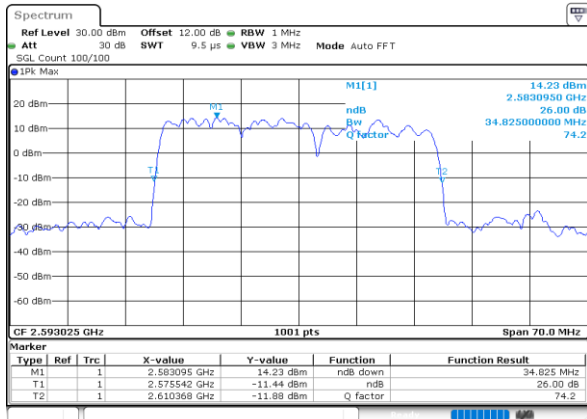
Date: 28.APR.2022 23:08:00

Middle Channel / 20MHz+10MHz



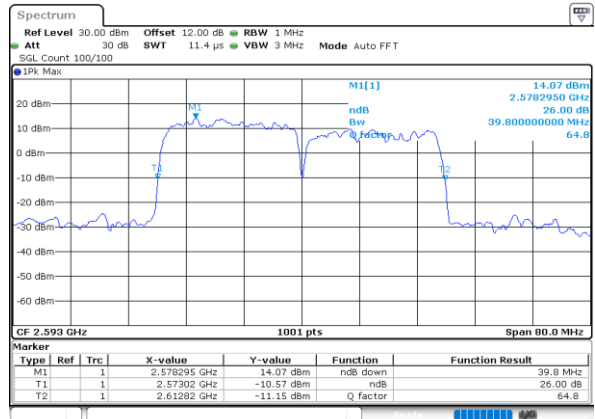
Date: 28.APR.2022 23:12:09

Middle Channel / 20MHz+15MHz



Date: 28.APR.2022 23:41:36

Middle Channel / 20MHz+20MHz



Date: 28.APR.2022 23:47:06





Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.93	23.08	28.11	23.43	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.48	27.93	32.66	37.80

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.63	23.03	27.93	23.43	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.43	28.05	32.87	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.73	23.08	28.29	23.28	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.52	23.28	27.99	32.87	37.96

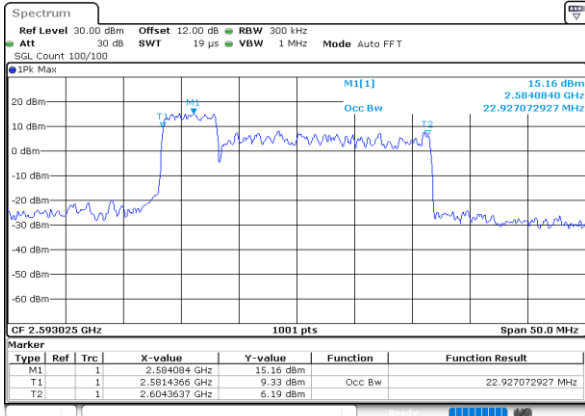
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.53	22.98	28.11	23.43	28.35
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.43	27.87	33.01	37.48



LTE Band 41C

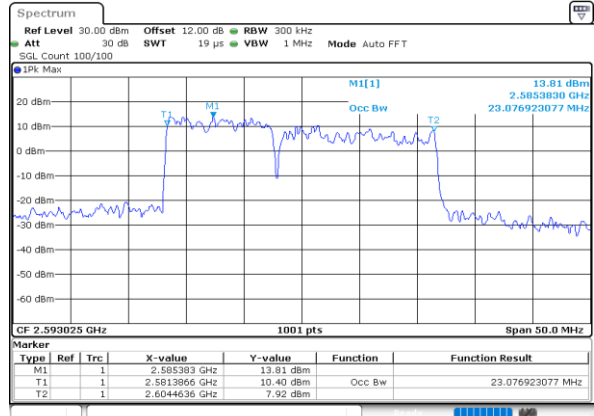
QPSK

Middle Channel / 5MHz+20MHz



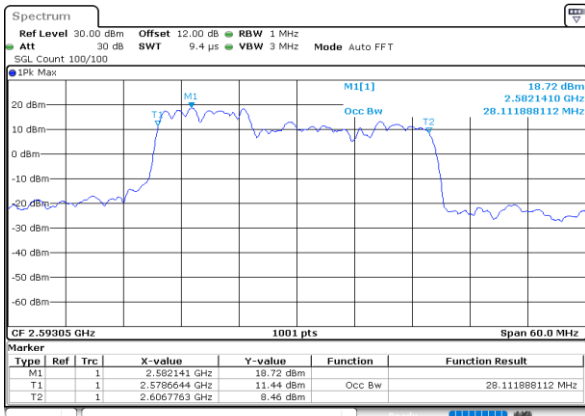
Date: 26.APR.2022 21:36:12

Middle Channel / 10MHz+15MHz



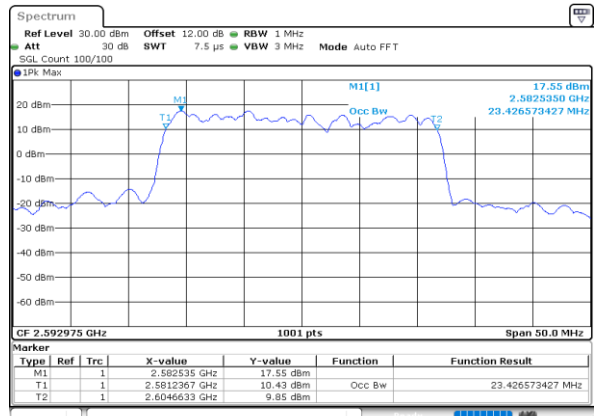
Date: 26.APR.2022 21:46:20

Middle Channel / 10MHz+20MHz



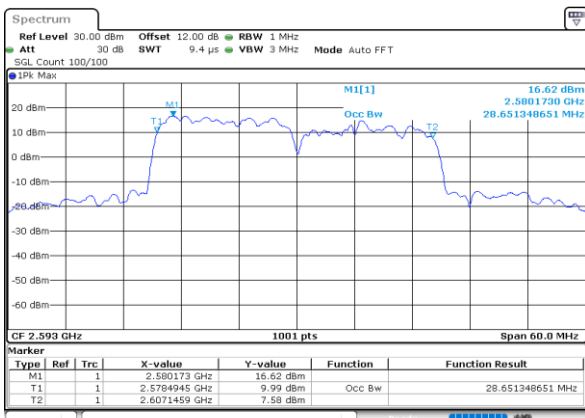
Date: 26.APR.2022 21:56:39

Middle Channel / 15MHz+10MHz



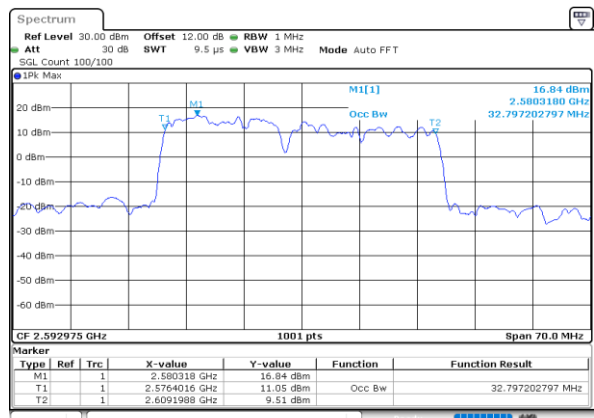
Date: 26.APR.2022 21:49:13

Middle Channel / 15MHz+15MHz



Date: 26.APR.2022 22:05:37

Middle Channel / 15MHz+20MHz



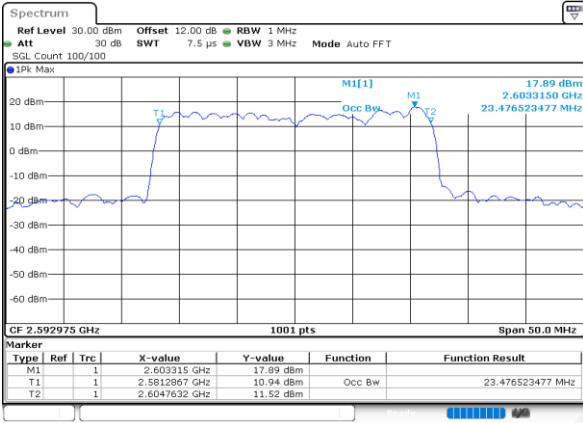
Date: 26.APR.2022 22:09:25



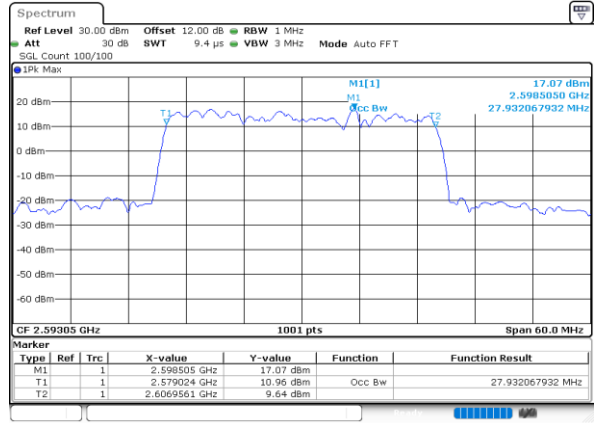
LTE Band 41C

QPSK

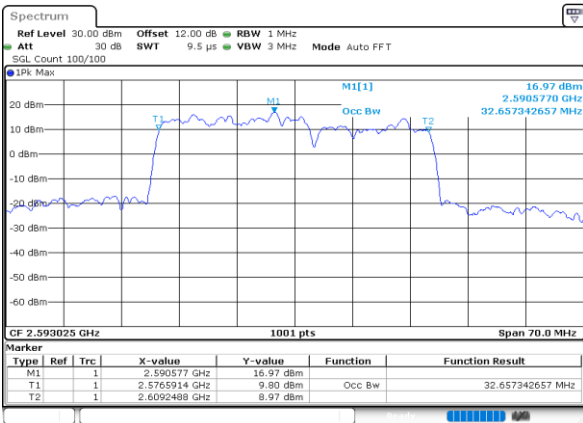
Middle Channel / 20MHz+5MHz



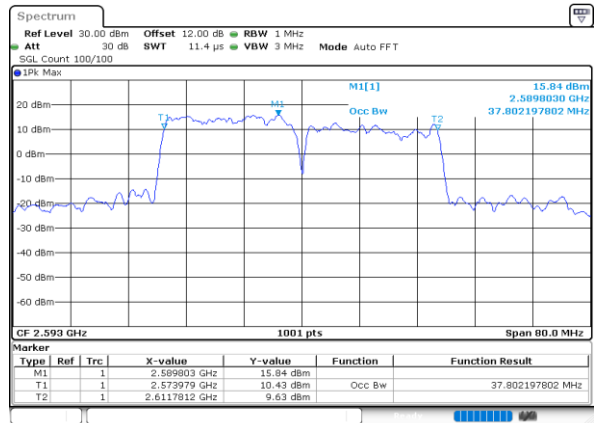
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

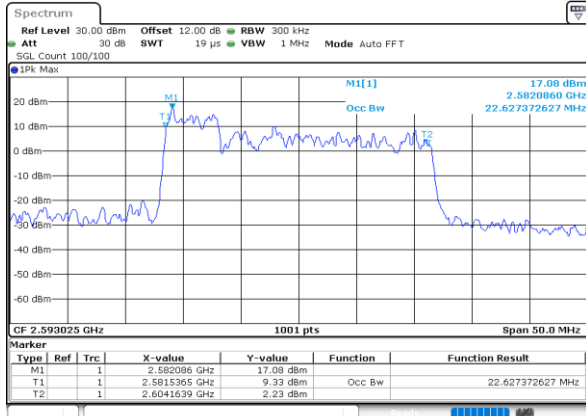




LTE Band 41C

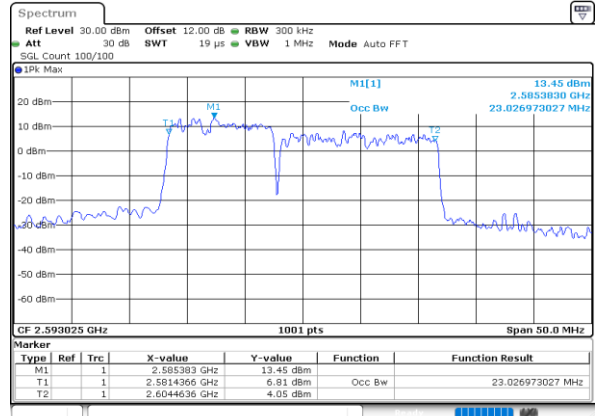
16QAM

Middle Channel / 5MHz+20MHz



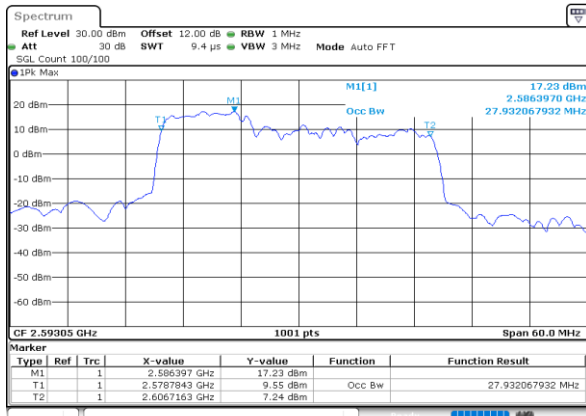
Date: 26.APR.2022 21:36:40

Middle Channel / 10MHz+15MHz



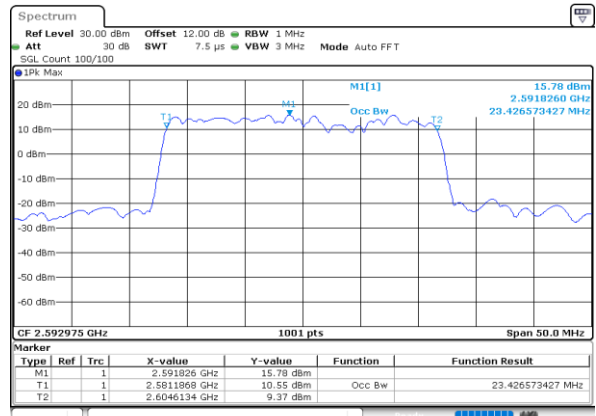
Date: 26.APR.2022 21:46:49

Middle Channel / 10MHz+20MHz



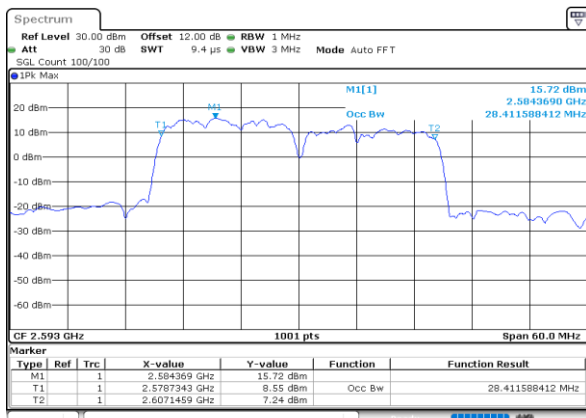
Date: 26.APR.2022 21:57:06

Middle Channel / 15MHz+10MHz



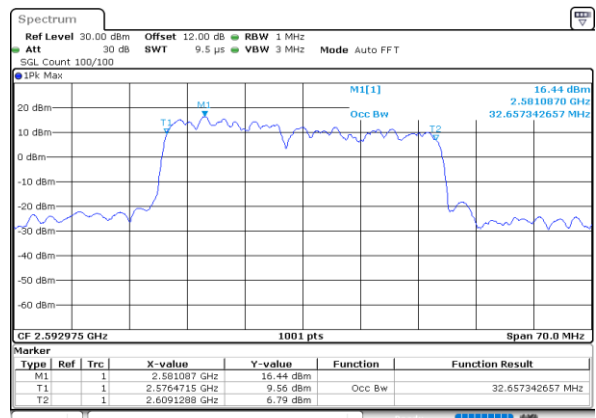
Date: 26.APR.2022 21:49:42

Middle Channel / 15MHz+15MHz



Date: 26.APR.2022 22:06:06

Middle Channel / 15MHz+20MHz



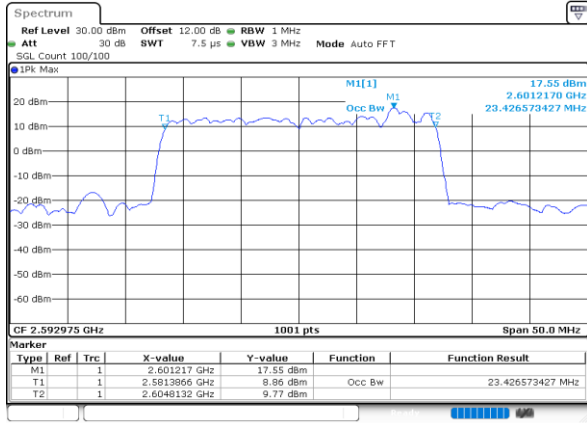
Date: 26.APR.2022 22:09:54



LTE Band 41C

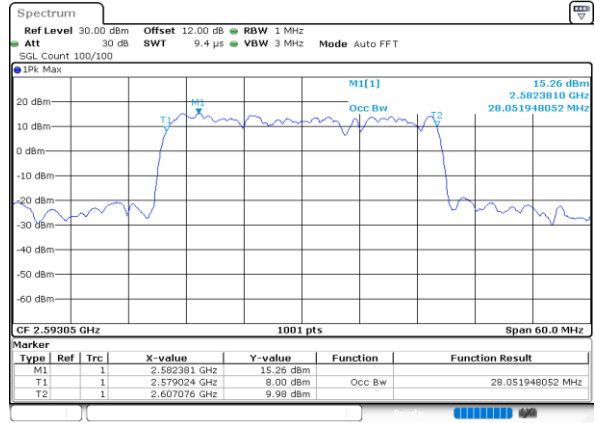
16QAM

Middle Channel / 20MHz+5MHz



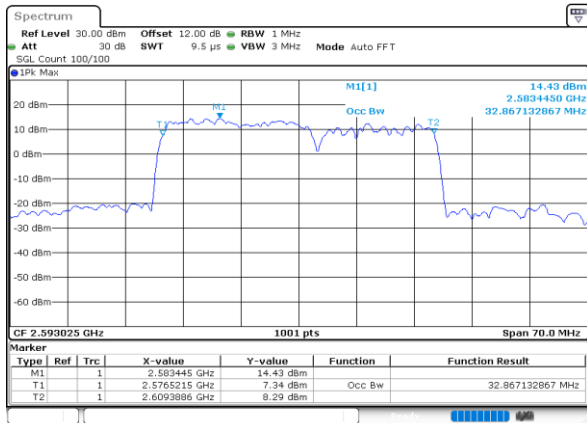
Date: 26.APR.2022 21:39:34

Middle Channel / 20MHz+10MHz



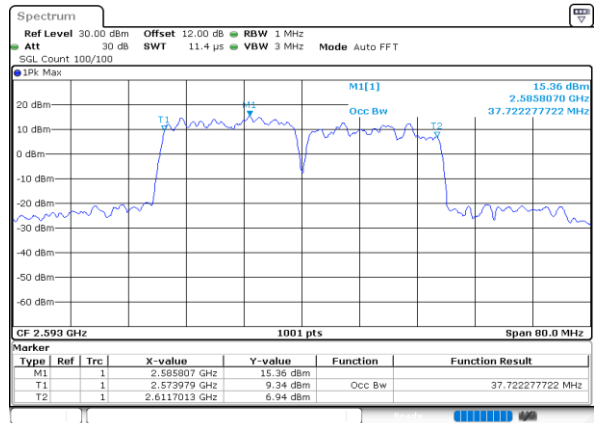
Date: 26.APR.2022 21:59:59

Middle Channel / 20MHz+15MHz



Date: 26.APR.2022 22:12:47

Middle Channel / 20MHz+20MHz



Date: 26.APR.2022 22:18:01