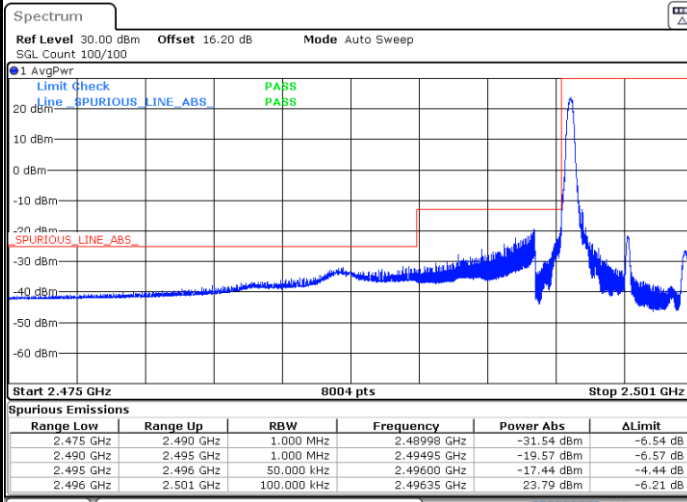




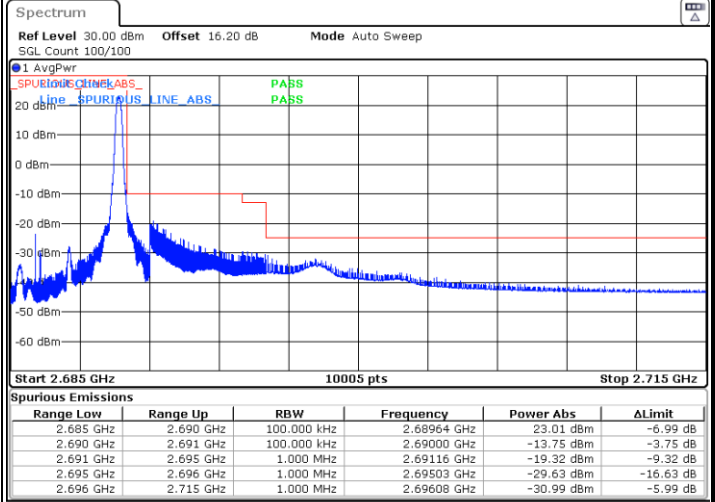
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



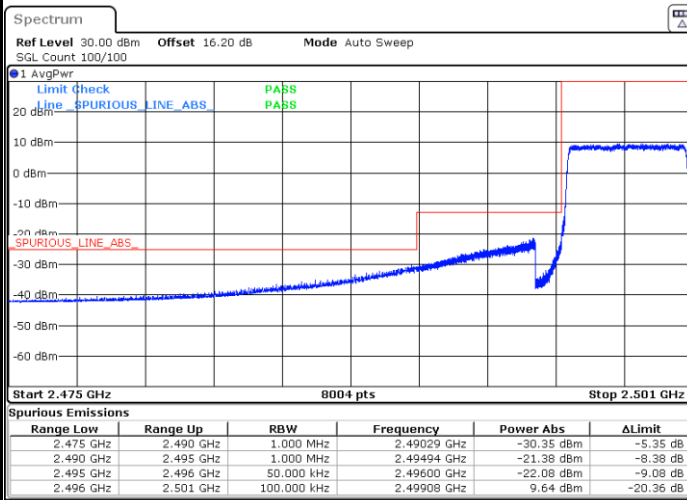
Date: 3.DEC.2022 00:13:41

Highest Band Edge / 1 RB



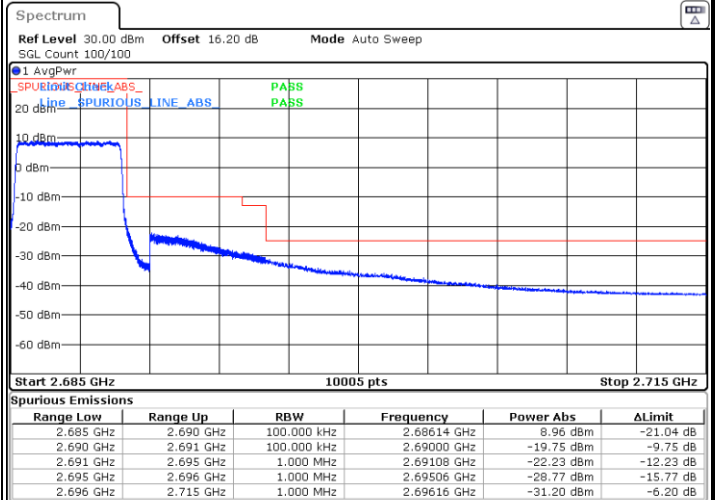
Date: 3.DEC.2022 00:32:15

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:19:07

Highest Band Edge / Full RB

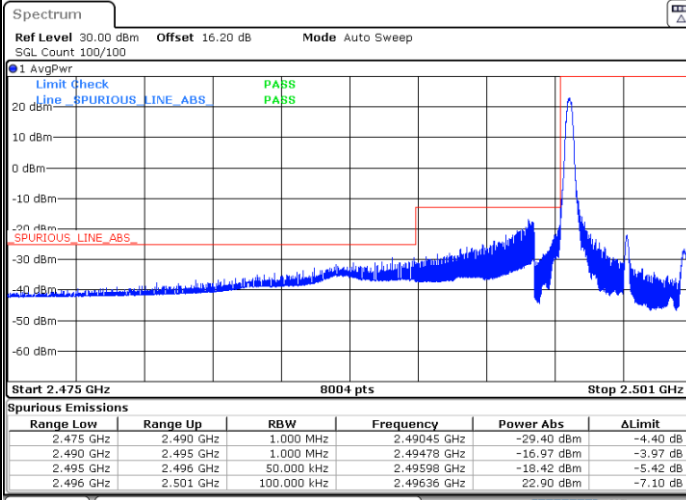


Date: 3.DEC.2022 00:27:37



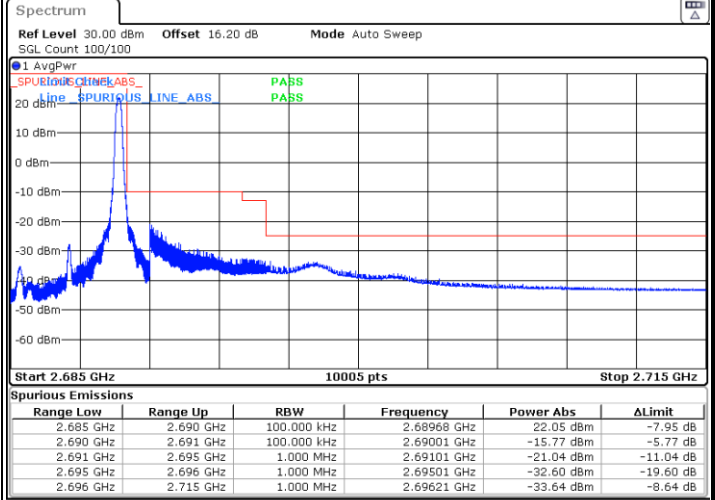
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



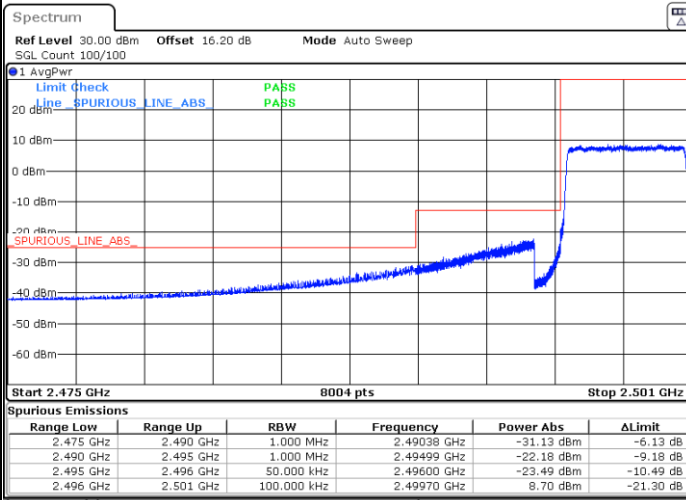
Date: 3.DEC.2022 00:14:42

Highest Band Edge / 1 RB



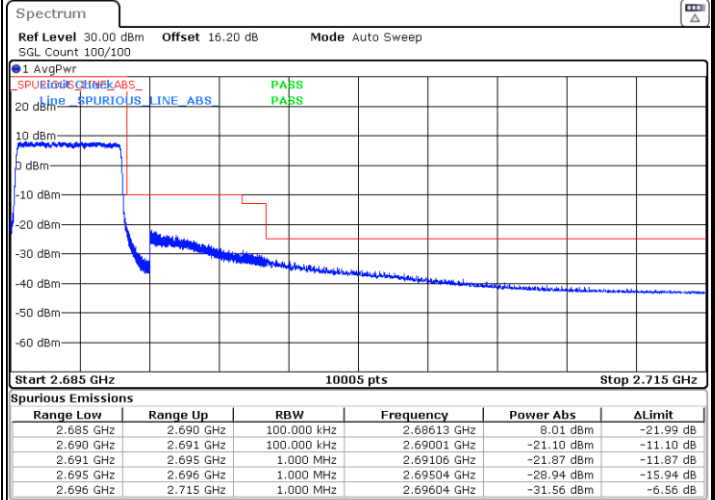
Date: 3.DEC.2022 00:33:23

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:20:08

Highest Band Edge / Full RB

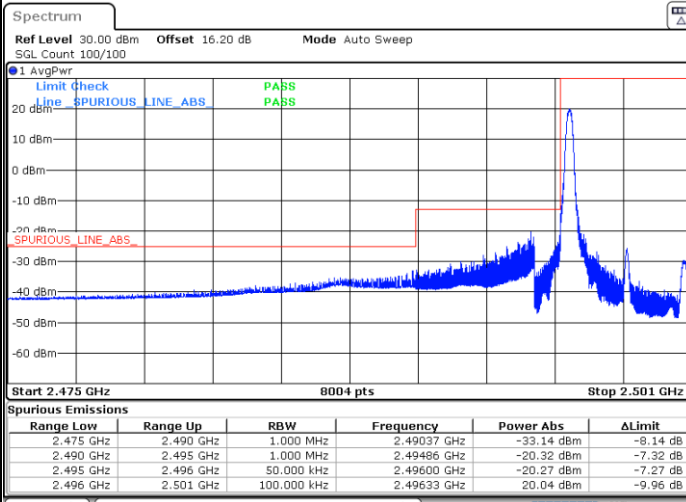


Date: 3.DEC.2022 00:28:46



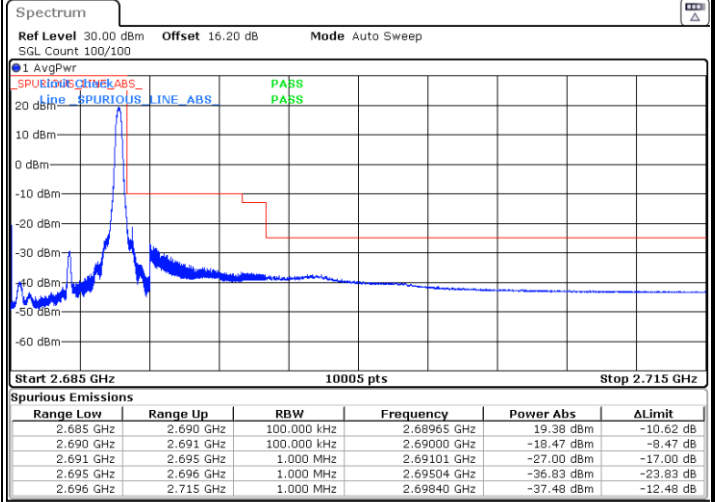
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



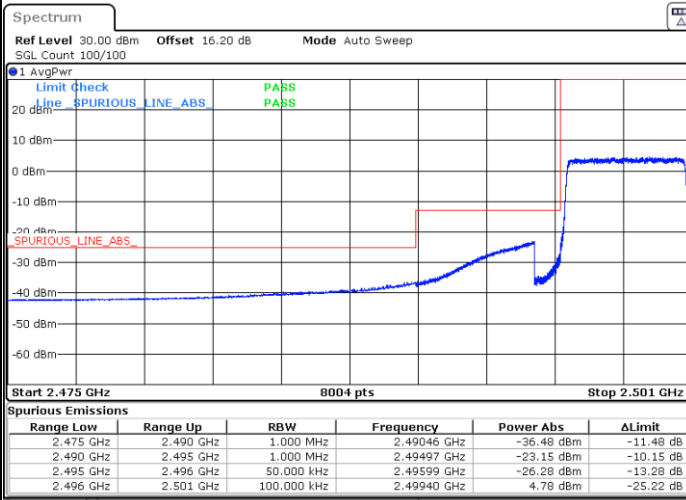
Date: 3.DEC.2022 00:15:43

Highest Band Edge / 1 RB



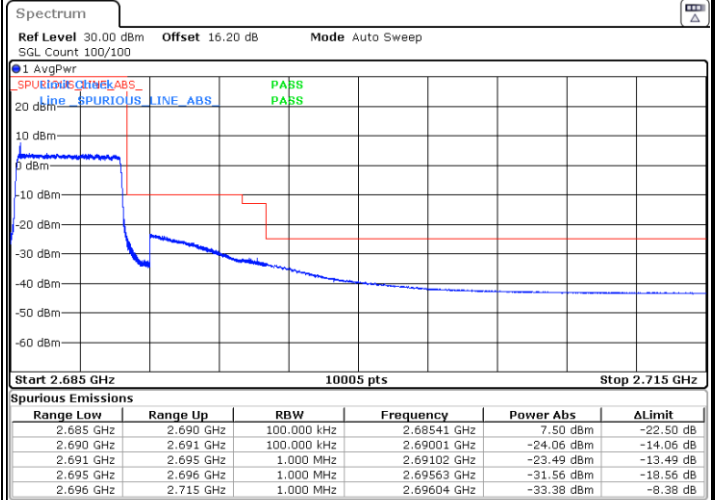
Date: 3.DEC.2022 00:34:31

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:21:09

Highest Band Edge / Full RB

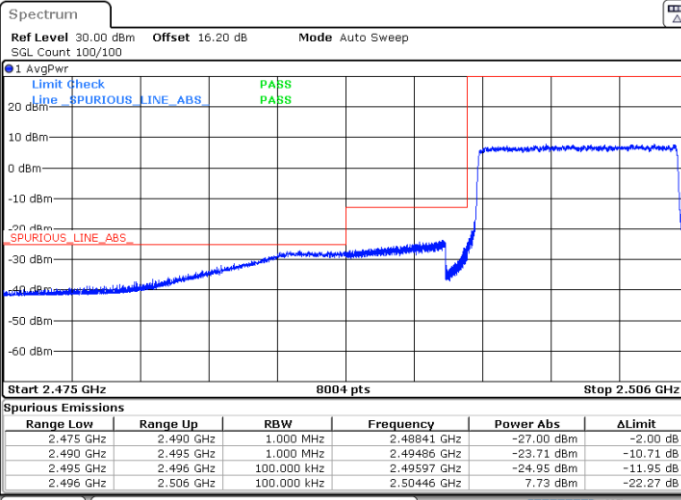


Date: 3.DEC.2022 00:29:54



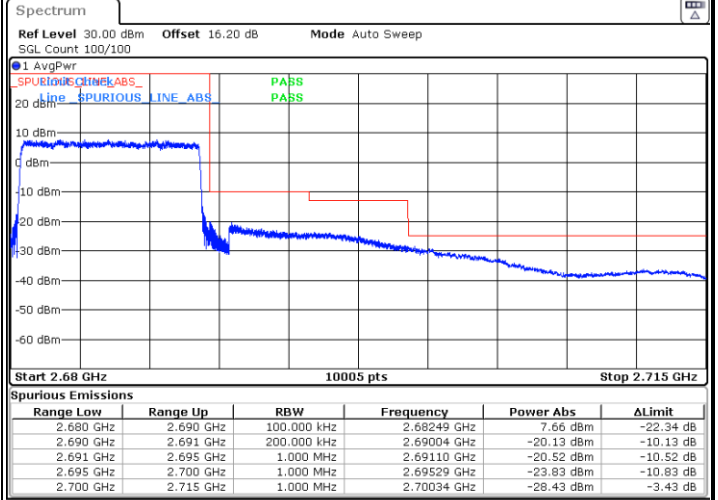
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:38:52

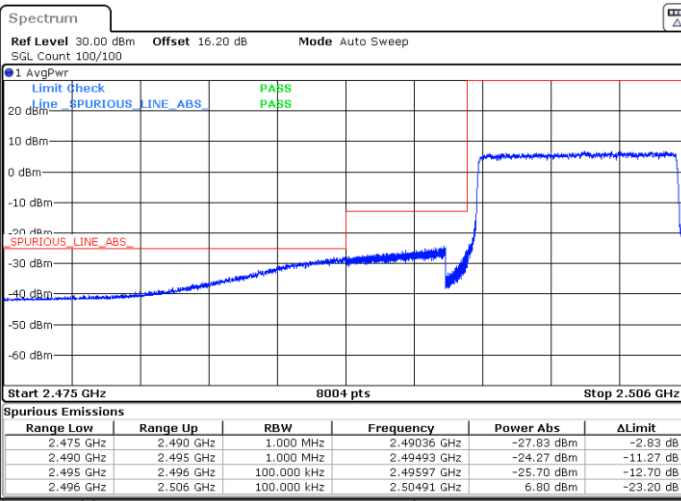
Highest Band Edge / Full RB



Date: 3.DEC.2022 00:45:46

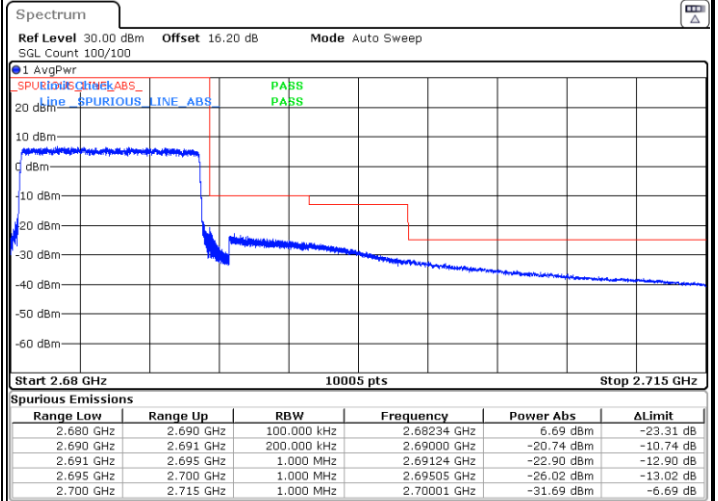
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:39:52

Highest Band Edge / Full RB

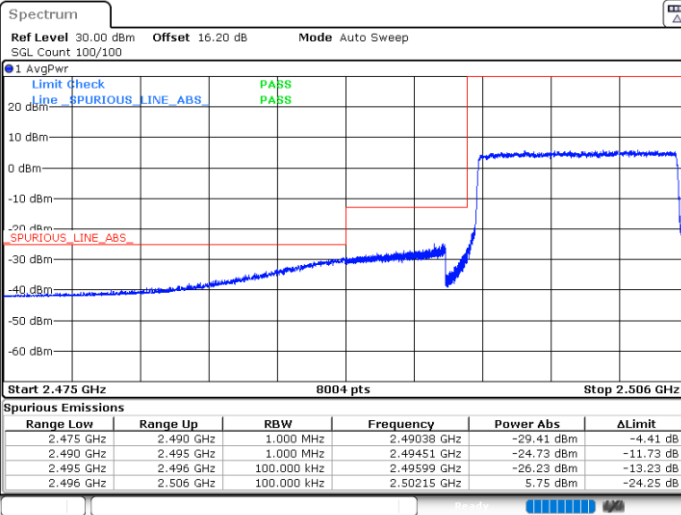


Date: 3.DEC.2022 00:46:46



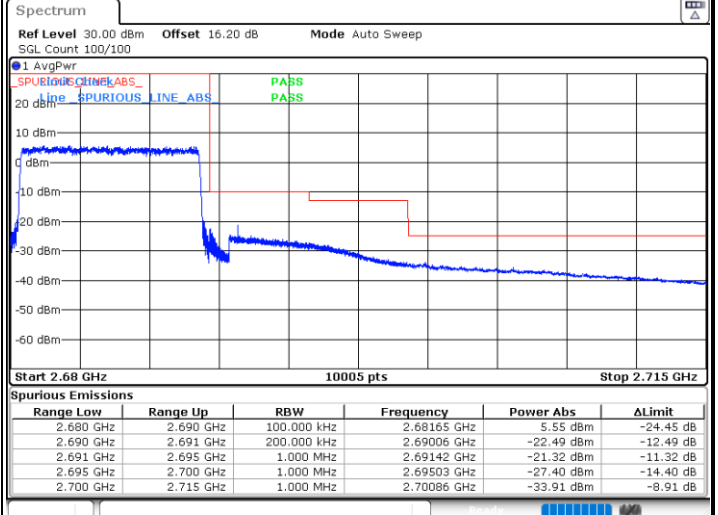
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:40:54

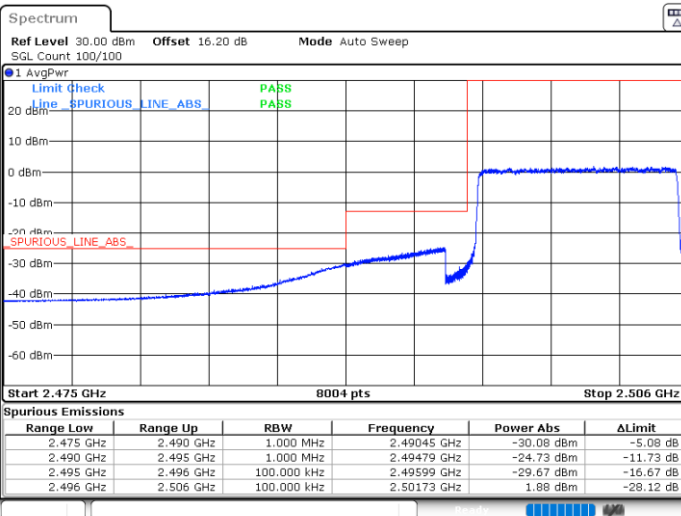
Highest Band Edge / Full RB



Date: 3.DEC.2022 00:47:47

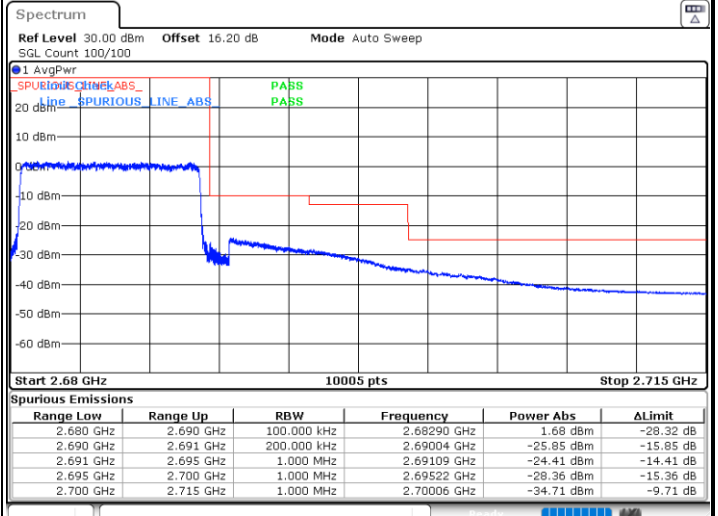
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:41:54

Highest Band Edge / Full RB



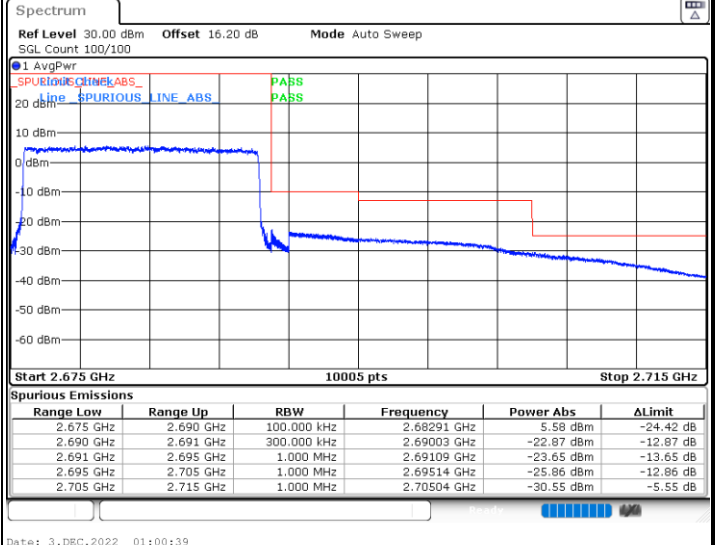
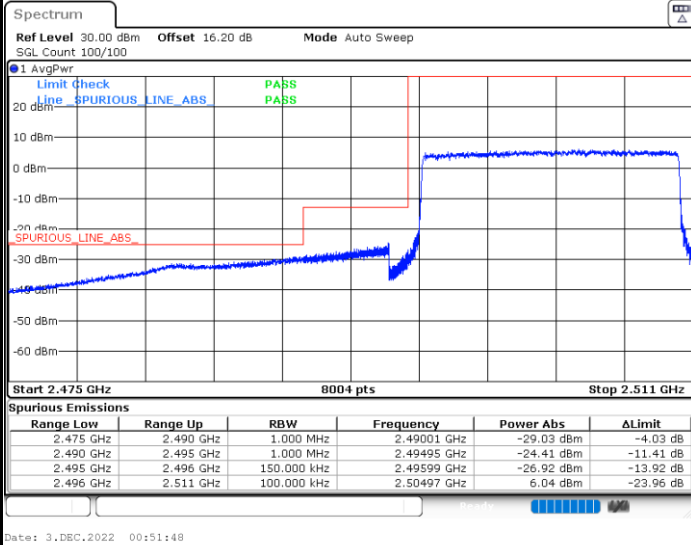
Date: 3.DEC.2022 00:48:48



LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

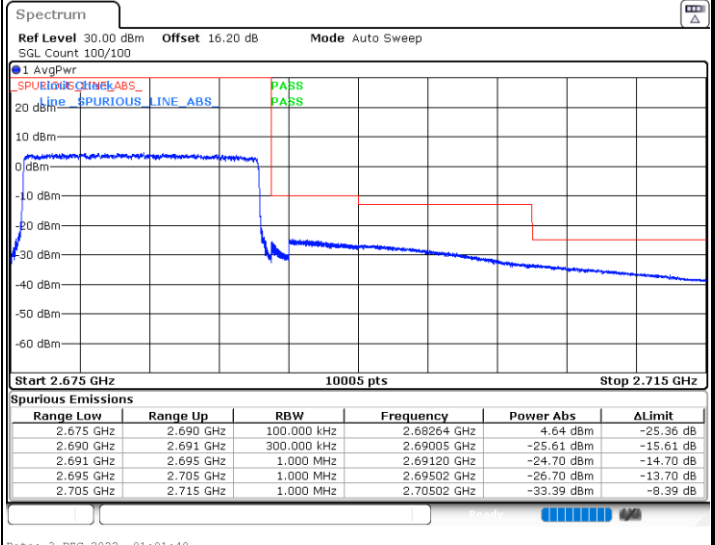
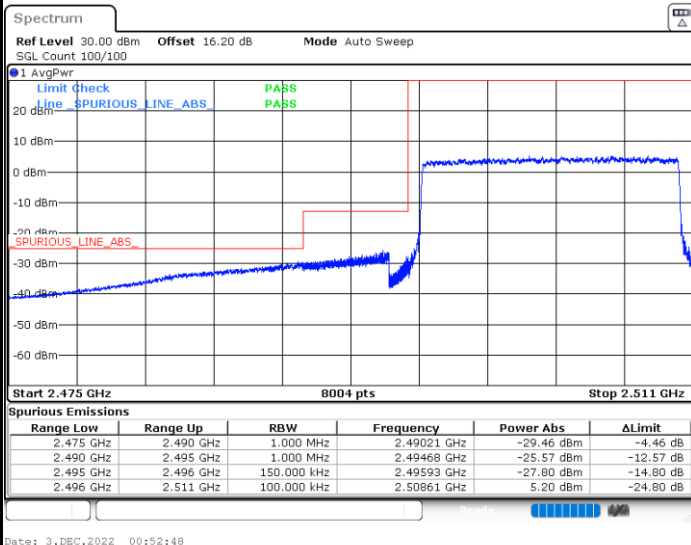
Highest Band Edge / Full RB



LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB

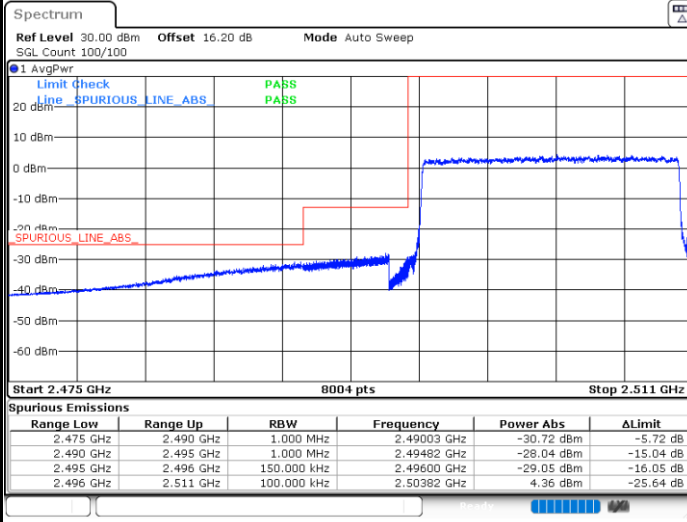
Highest Band Edge / Full RB





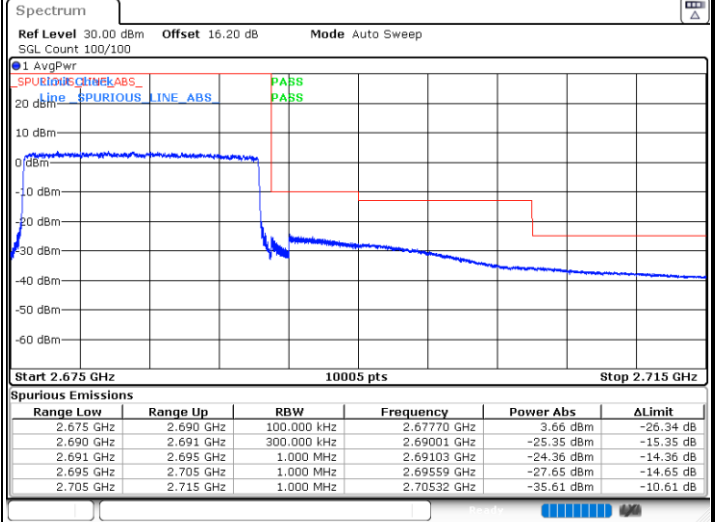
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:53:49

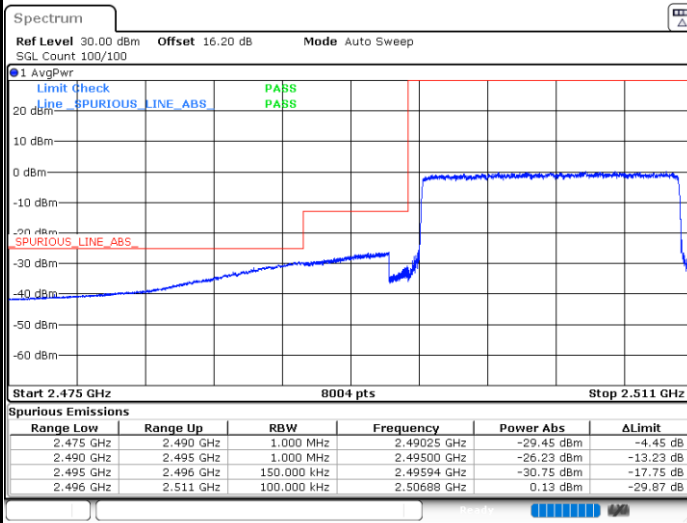
Highest Band Edge / Full RB



Date: 3.DEC.2022 01:02:40

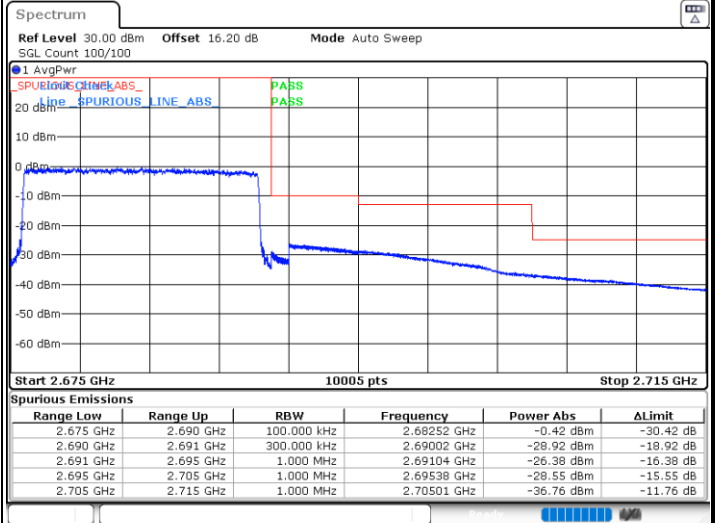
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:54:53

Highest Band Edge / Full RB

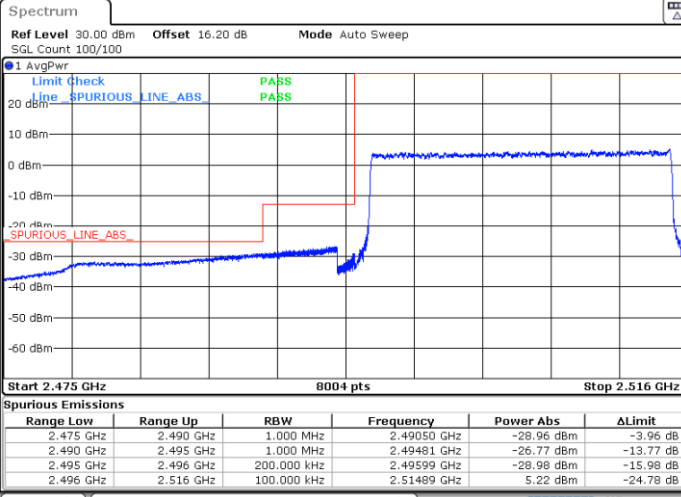


Date: 3.DEC.2022 01:03:41



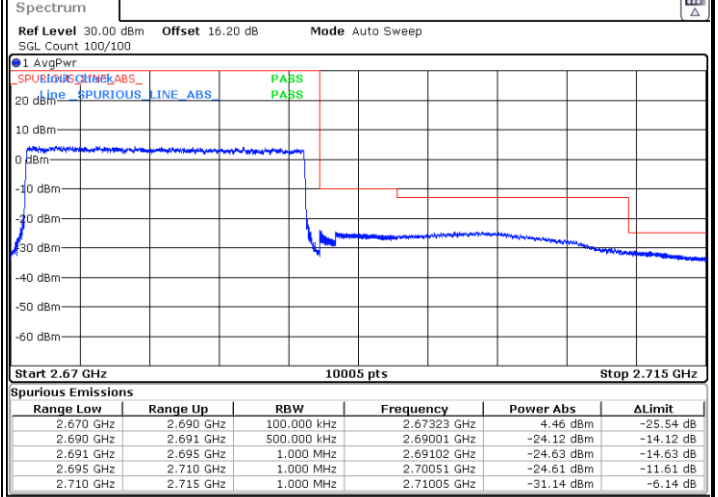
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 3.DEC.2022 01:06:41

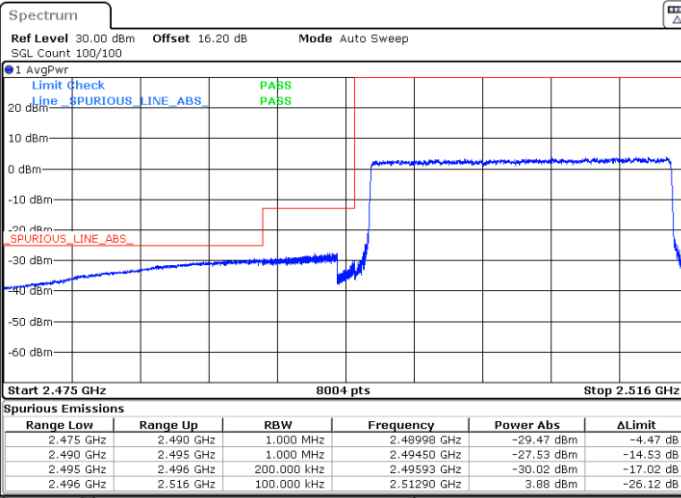
Highest Band Edge / Full RB



Date: 3.DEC.2022 01:14:42

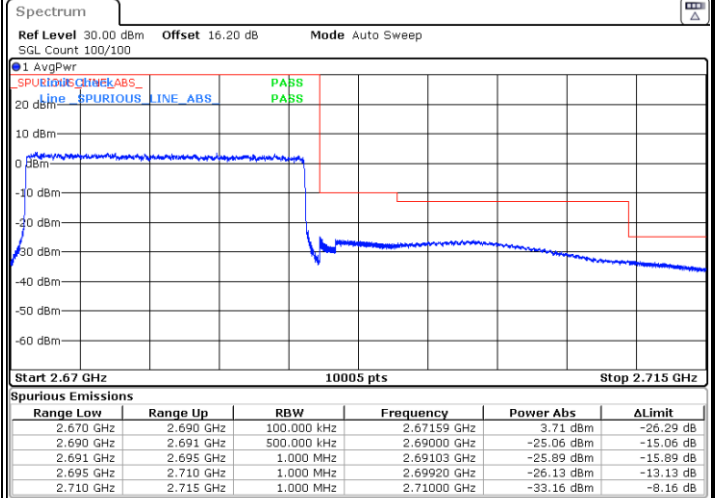
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 01:07:14

Highest Band Edge / Full RB

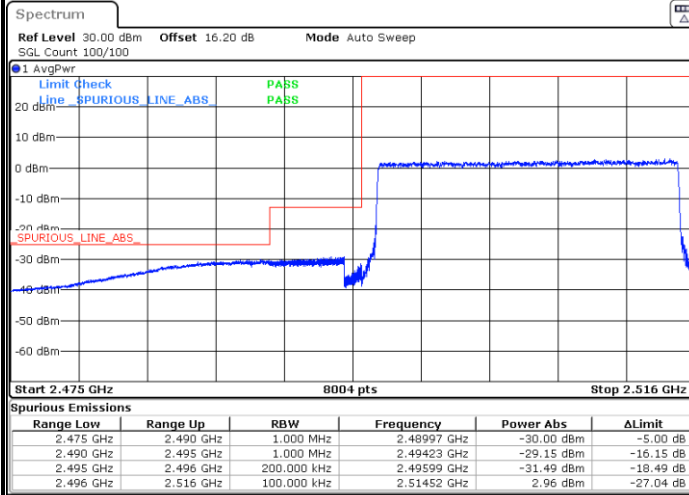


Date: 3.DEC.2022 01:15:43



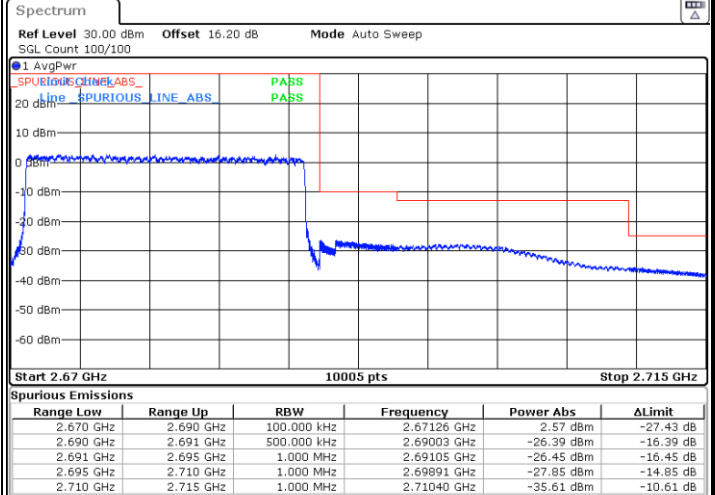
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 01:08:42

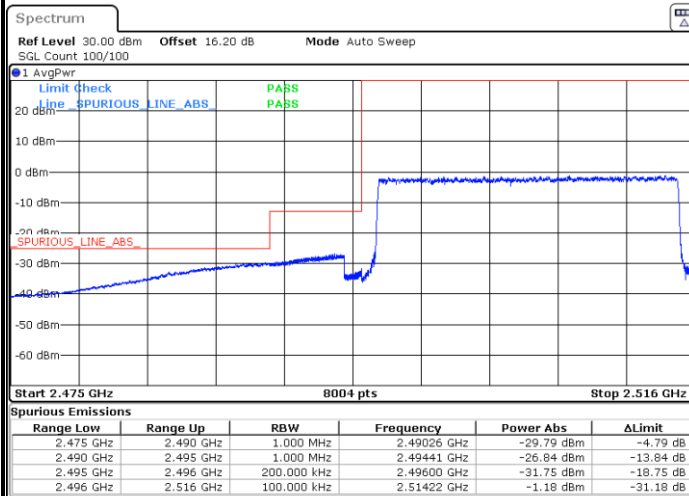
Highest Band Edge / Full RB



Date: 3.DEC.2022 01:16:43

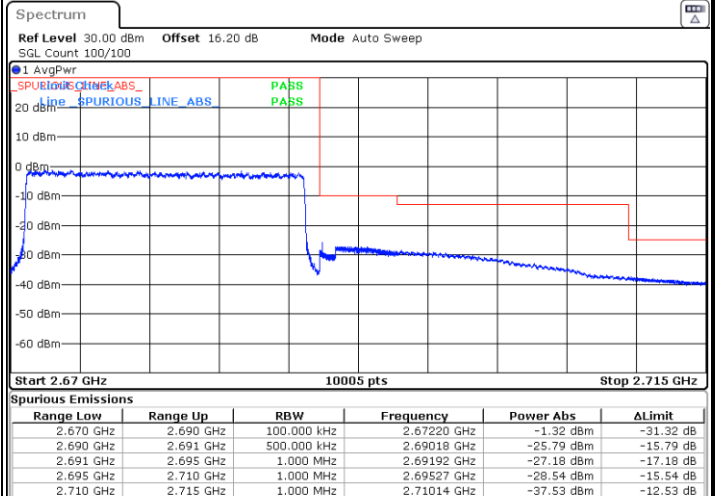
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 3.DEC.2022 01:09:42

Highest Band Edge / Full RB



Date: 3.DEC.2022 01:17:44

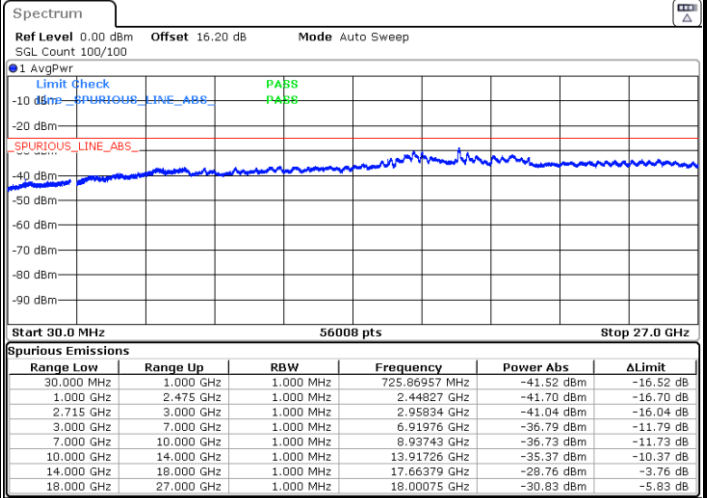
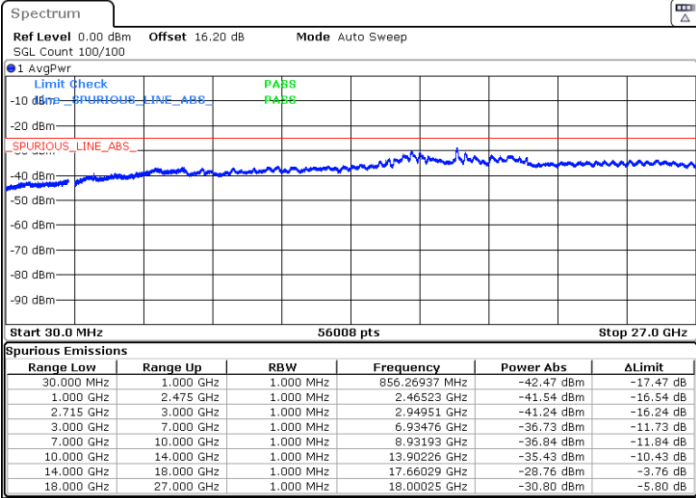


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

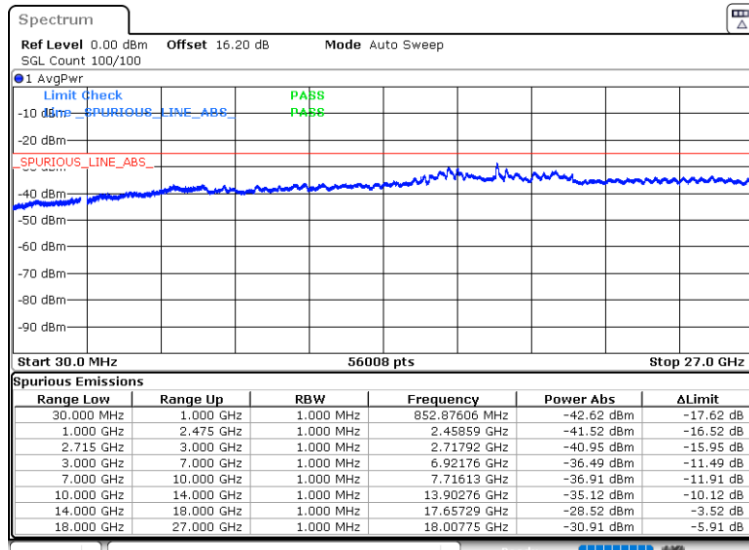
Middle Channel / QPSK



Date: 3.DEC.2022 00:17:03

Date: 3.DEC.2022 00:22:28

Highest Channel / QPSK



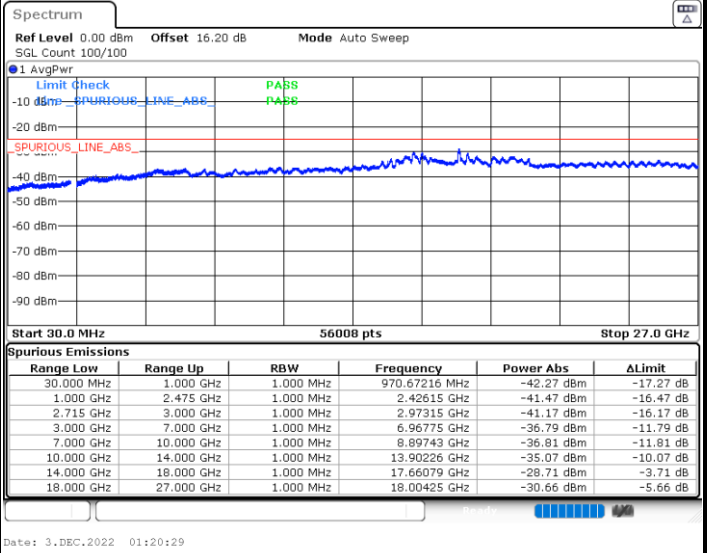
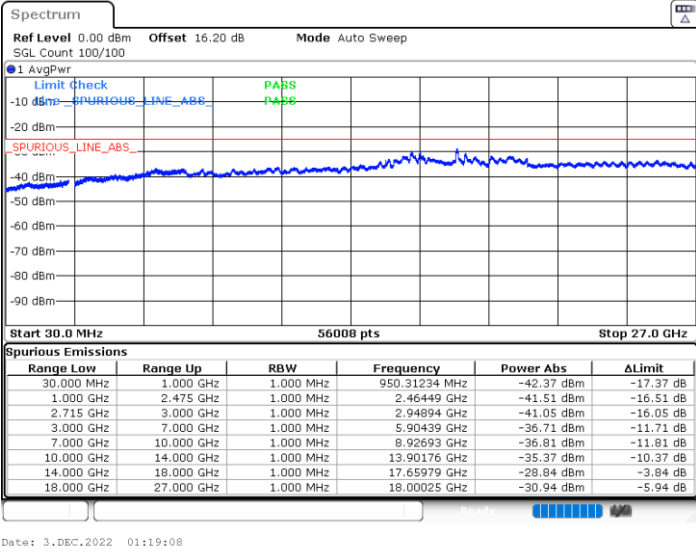
Date: 3.DEC.2022 00:35:50



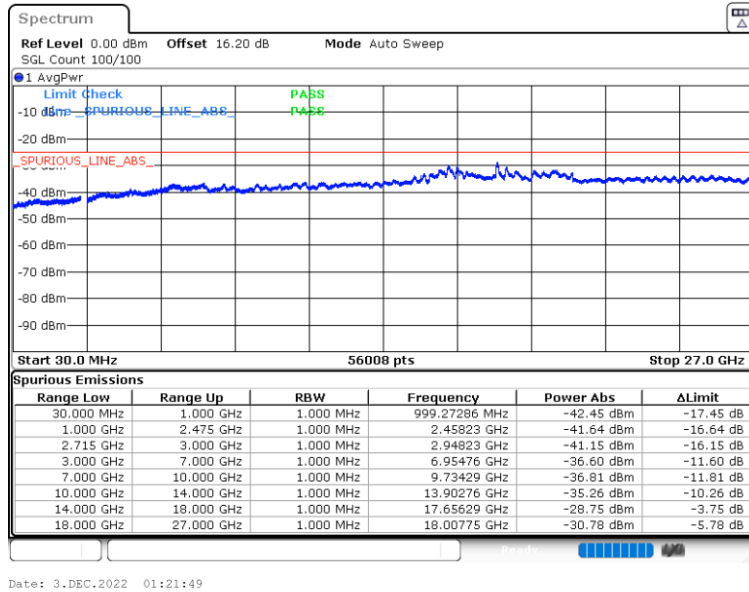
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

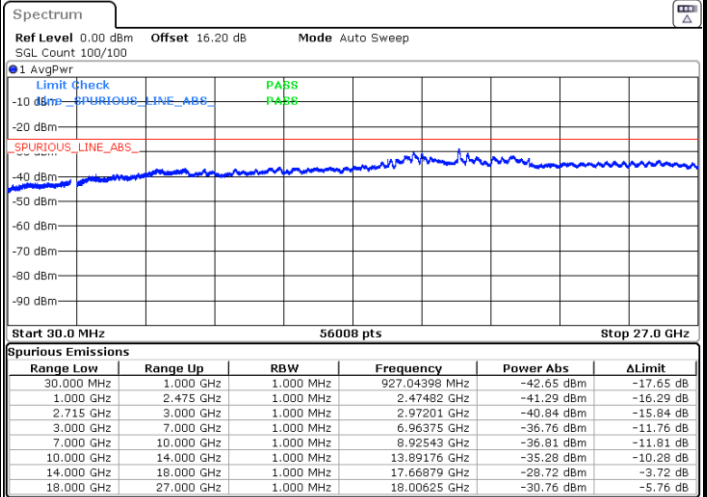
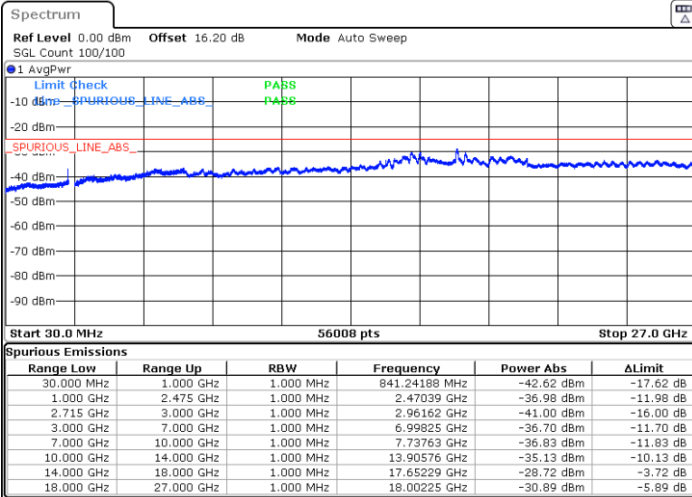




LTE Band 41 / 15MHz

Lowest Channel / QPSK

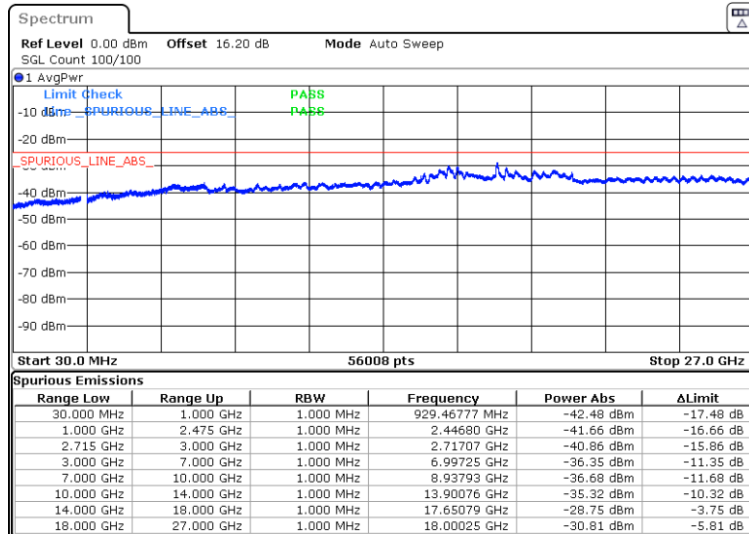
Middle Channel / QPSK



Date: 3.DEC.2022 01:23:13

Date: 3.DEC.2022 01:24:34

Highest Channel / QPSK



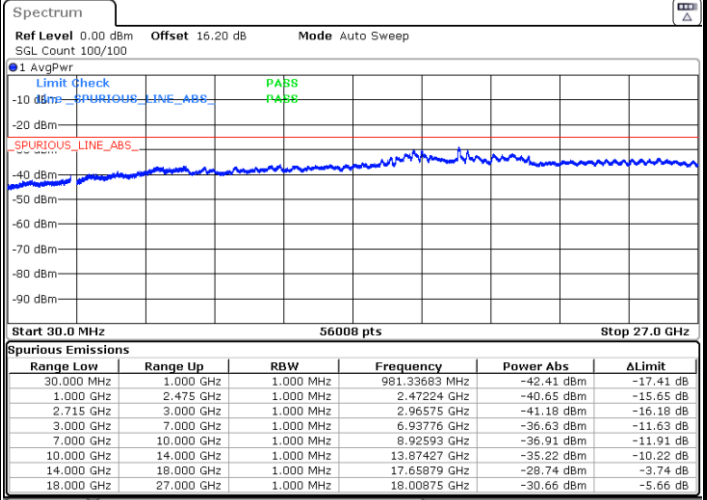
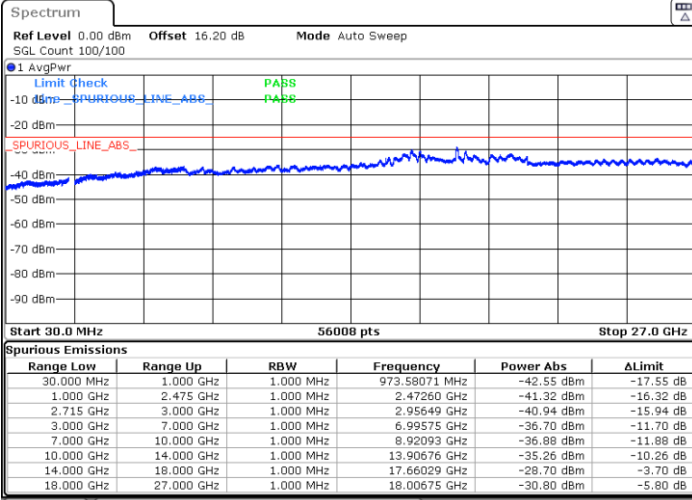
Date: 3.DEC.2022 01:25:54



LTE Band 41 / 20MHz

Lowest Channel / QPSK

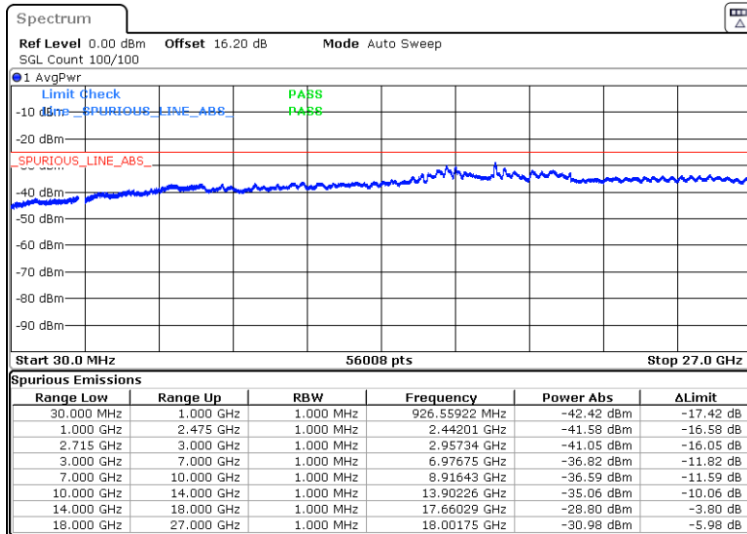
Middle Channel / QPSK



Date: 3.DEC.2022 01:27:20

Date: 3.DEC.2022 01:28:40

Highest Channel / QPSK



Date: 3.DEC.2022 01:30:00



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	0.0008	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

- 1. Normal Voltage = 3.88 V. ; Battery End Point (BEP) = 3.6 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	24.73	25.13	29.85	25.13	32.49
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.98	30.03	34.90	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.18	29.85	25.13	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	25.03	30.15	34.90	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.13	29.91	25.28	30.99
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.93	30.57	34.90	39.80

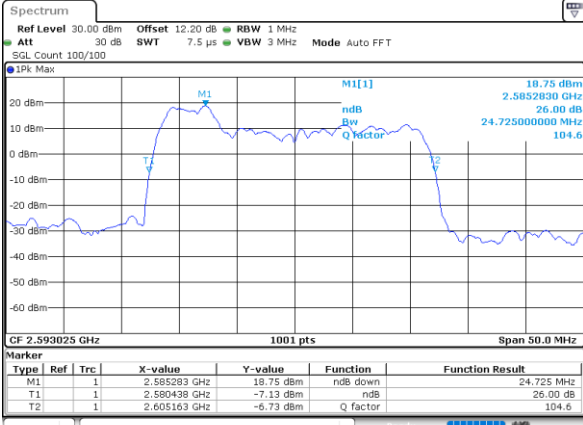
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.23	29.97	25.03	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.93	29.97	35.04	39.88



LTE Band 41C

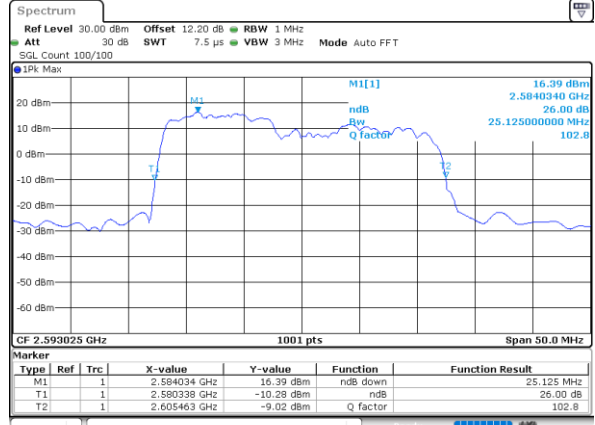
QPSK

Middle Channel / 5MHz+20MHz



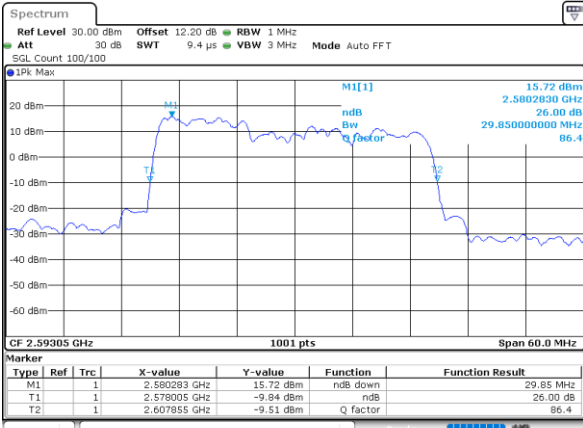
Date: 26.NOV.2022 00:00:41

Middle Channel / 10MHz+15MHz



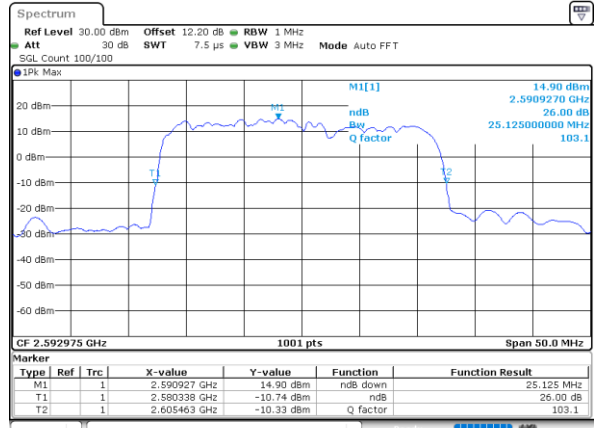
Date: 26.NOV.2022 00:11:10

Middle Channel / 10MHz+20MHz



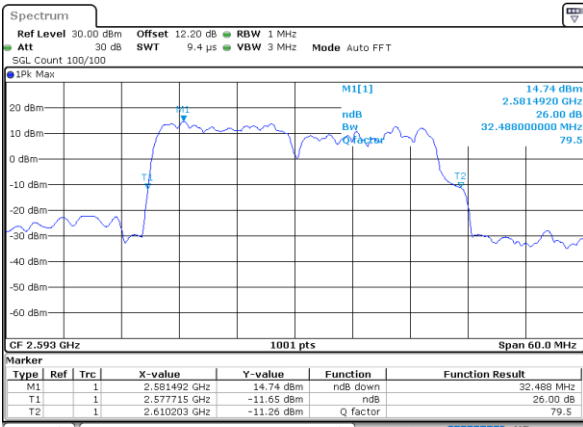
Date: 26.NOV.2022 00:26:22

Middle Channel / 15MHz+10MHz



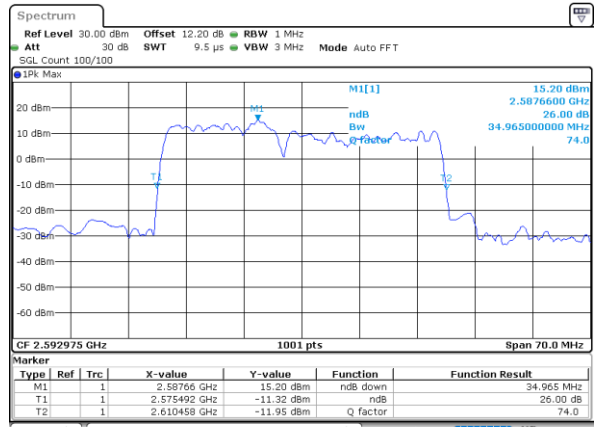
Date: 26.NOV.2022 00:16:57

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:36:09

Middle Channel / 15MHz+20MHz

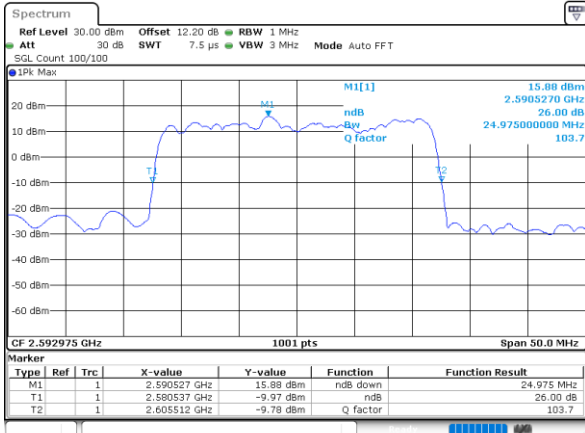


Date: 26.NOV.2022 00:41:49



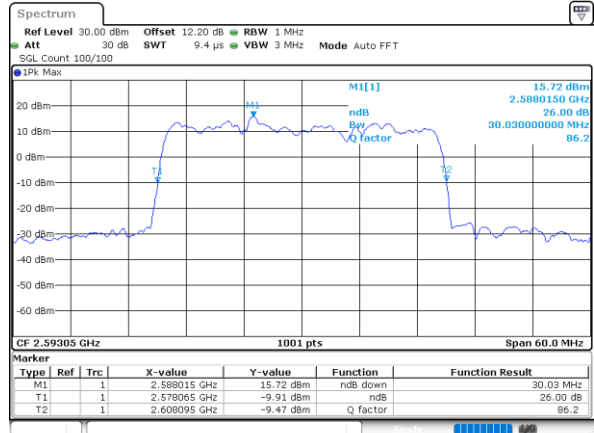
LTE Band 41C

Middle Channel / 20MHz+5MHz



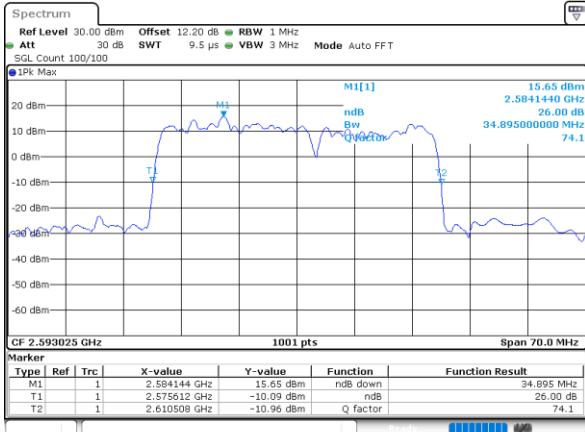
Date: 26.NOV.2022 00:05:55

Middle Channel / 20MHz+10MHz



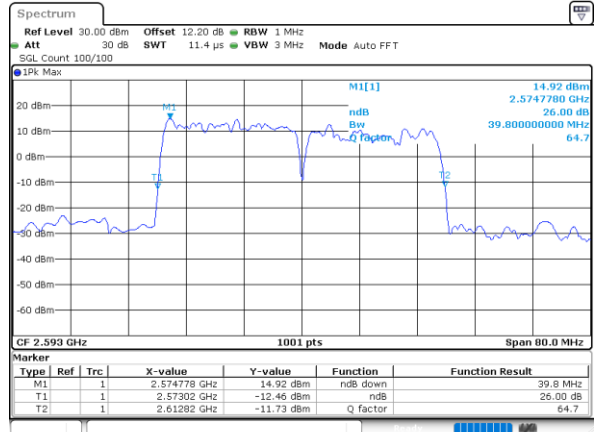
Date: 26.NOV.2022 00:13:36

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:47:03

Middle Channel / 20MHz+20MHz

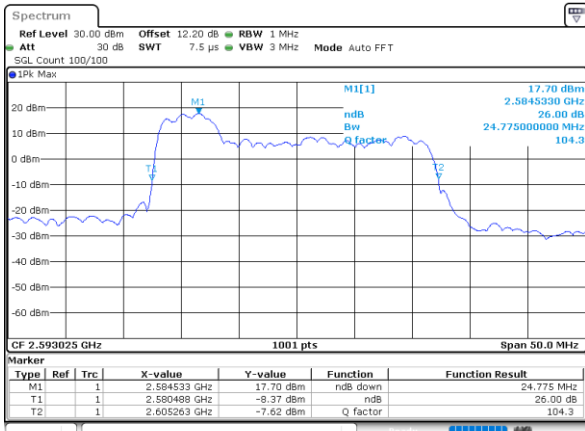


Date: 26.NOV.2022 00:51:30



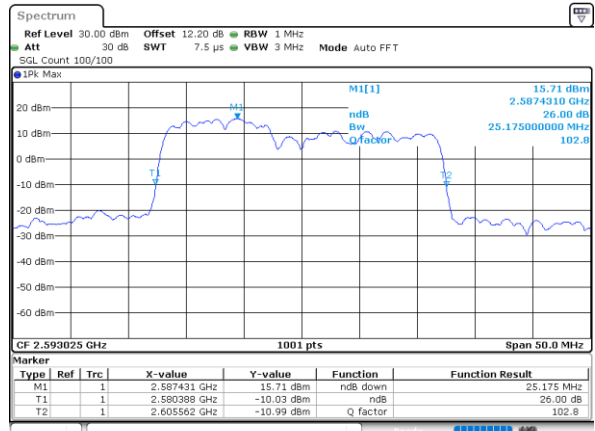
LTE Band 41C

Middle Channel / 5MHz+20MHz



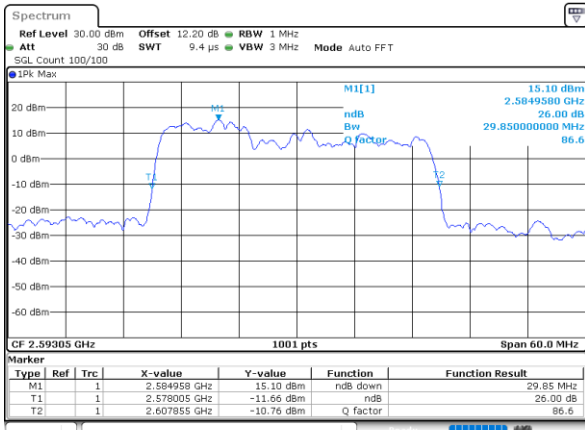
Date: 26.NOV.2022 00:10:03

Middle Channel / 10MHz+15MHz



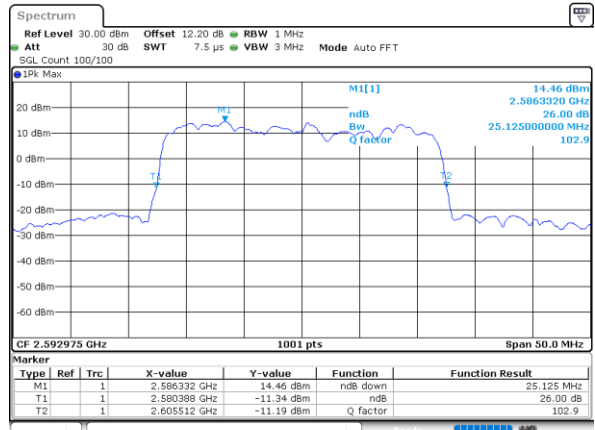
Date: 26.NOV.2022 00:11:32

Middle Channel / 10MHz+20MHz



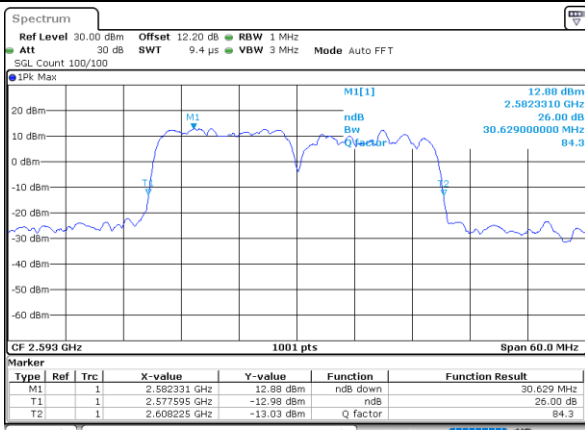
Date: 26.NOV.2022 00:21:33

Middle Channel / 15MHz+10MHz



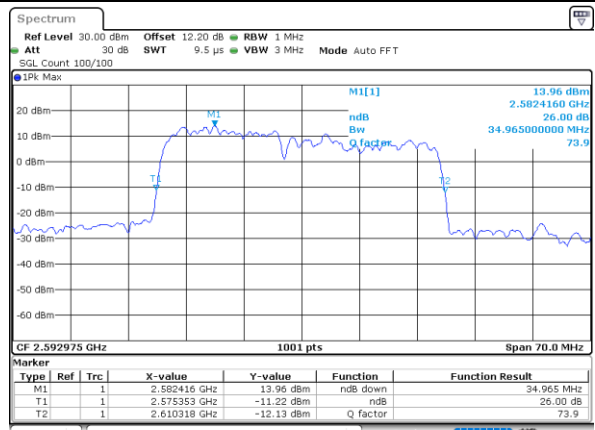
Date: 26.NOV.2022 00:16:19

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:35:35

Middle Channel / 15MHz+20MHz



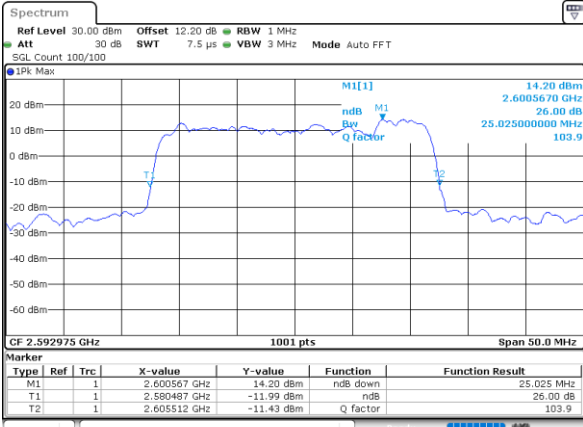
Date: 26.NOV.2022 00:41:11



LTE Band 41C

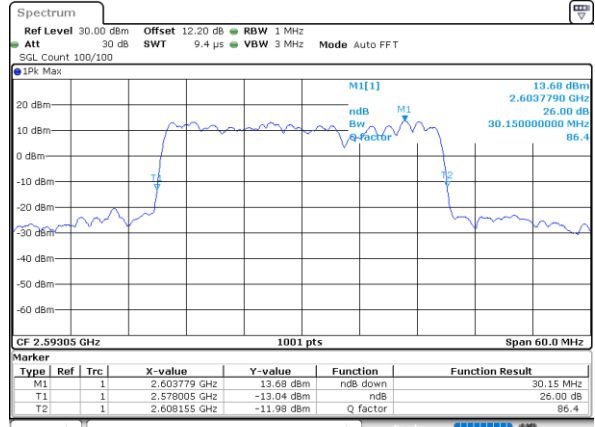
16QAM

Middle Channel / 20MHz+5MHz



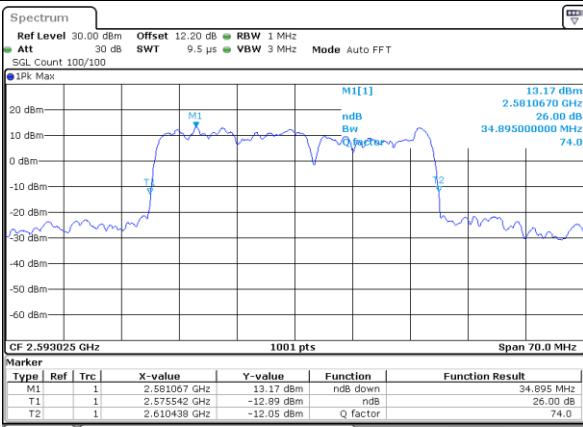
Date: 26.NOV.2022 00:05:17

Middle Channel / 20MHz+10MHz



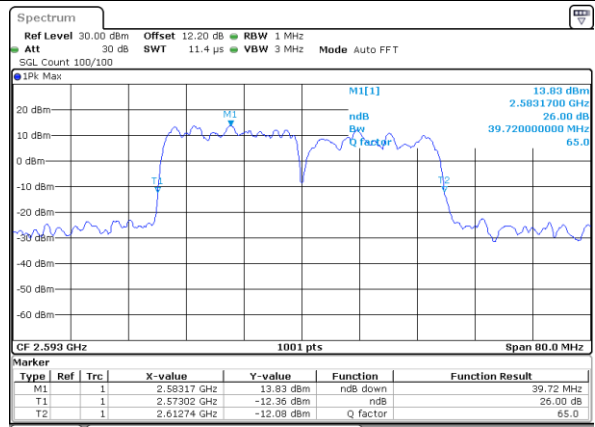
Date: 26.NOV.2022 00:10:58

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:56:36

Middle Channel / 20MHz+20MHz



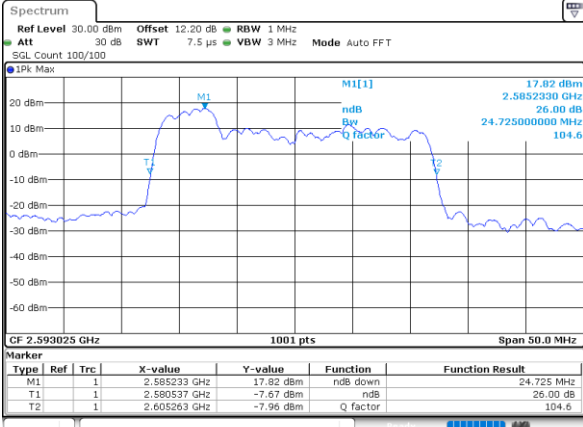
Date: 26.NOV.2022 00:50:57



LTE Band 41C

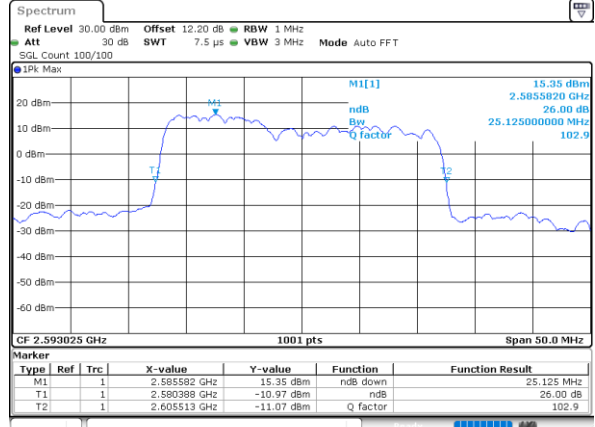
64QAM

Middle Channel / 5MHz+20MHz



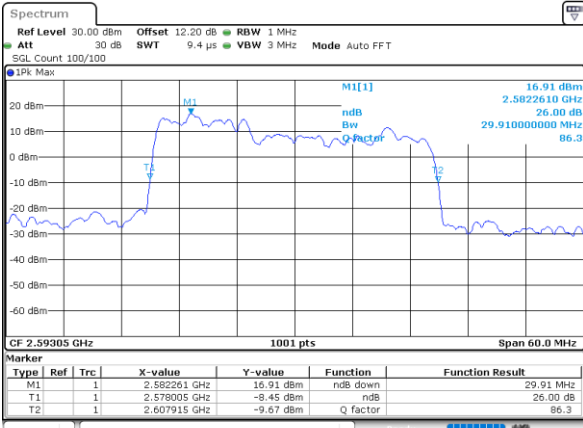
Date: 25,NOV,2022 23:59:25

Middle Channel / 10MHz+15MHz



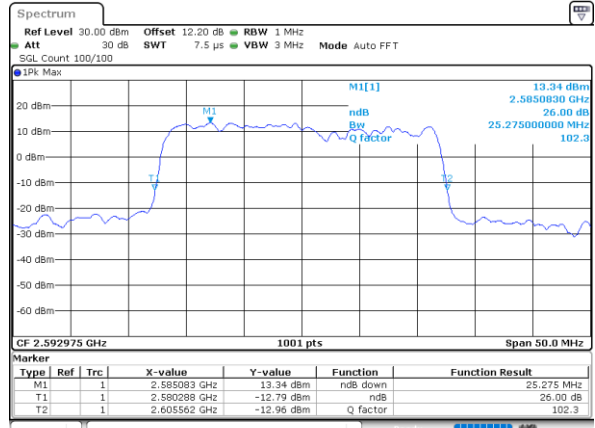
Date: 26,NOV,2022 00:09:54

Middle Channel / 10MHz+20MHz



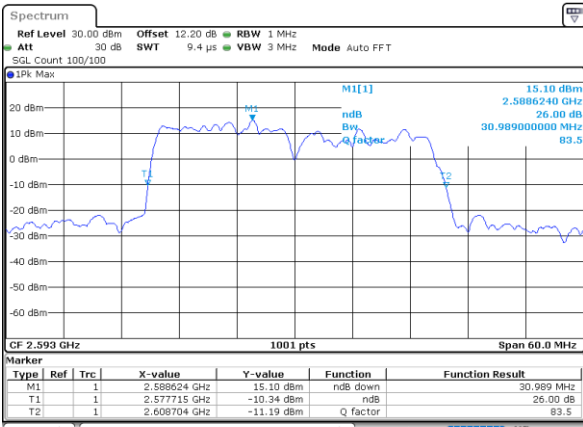
Date: 26,NOV,2022 00:20:55

Middle Channel / 15MHz+10MHz



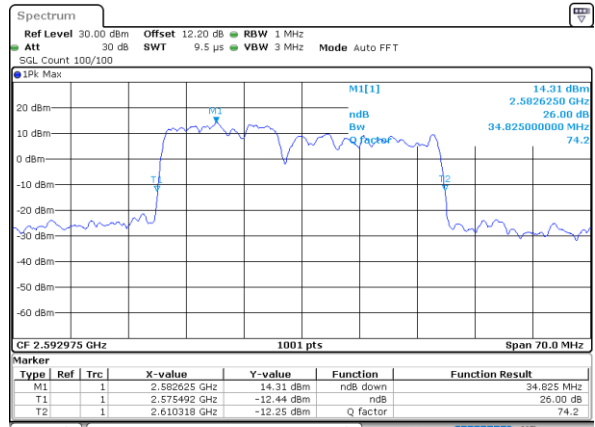
Date: 26,NOV,2022 00:15:08

Middle Channel / 15MHz+15MHz



Date: 26,NOV,2022 00:35:02

Middle Channel / 15MHz+20MHz



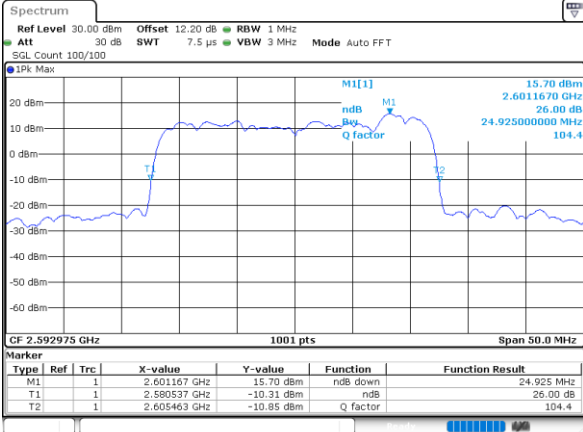
Date: 26,NOV,2022 00:40:33



LTE Band 41C

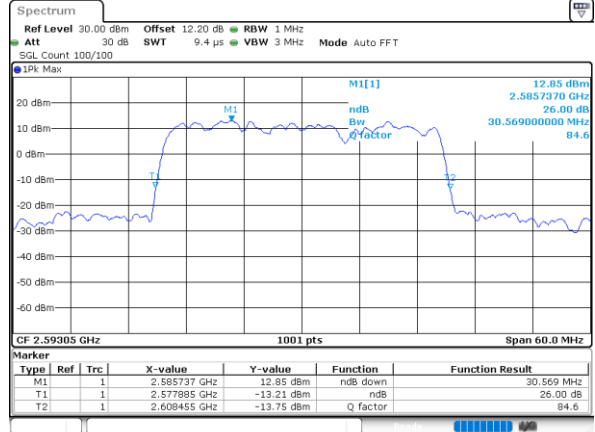
64QAM

Middle Channel / 20MHz+5MHz



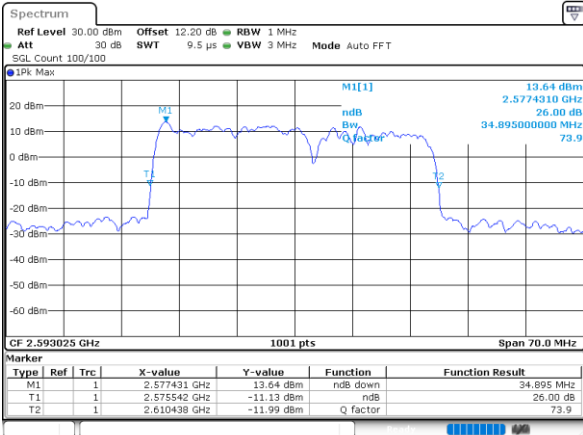
Date: 26.NOV.2022 00:04:39

Middle Channel / 20MHz+10MHz



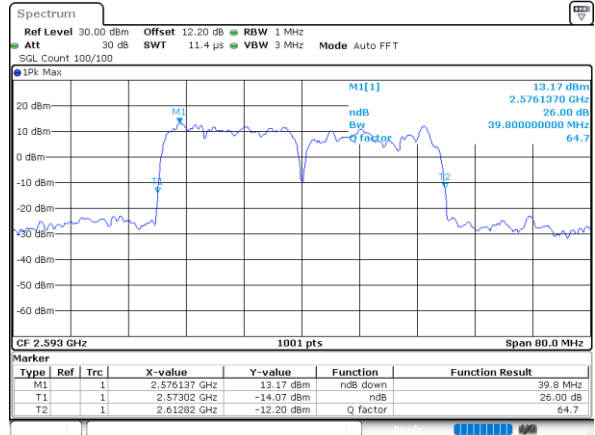
Date: 26.NOV.2022 00:10:20

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:45:47

Middle Channel / 20MHz+20MHz



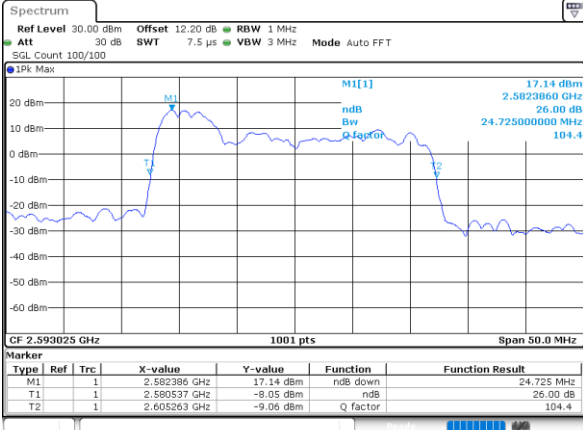
Date: 26.NOV.2022 00:50:24



LTE Band 41C

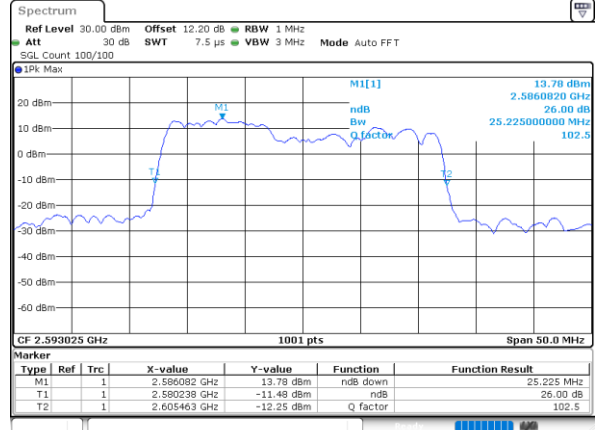
256QAM

Middle Channel / 5MHz+20MHz



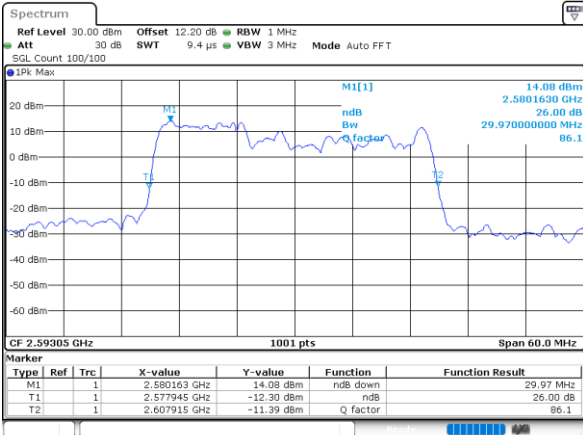
Date: 25.NOV.2022 23:58:47

Middle Channel / 10MHz+15MHz



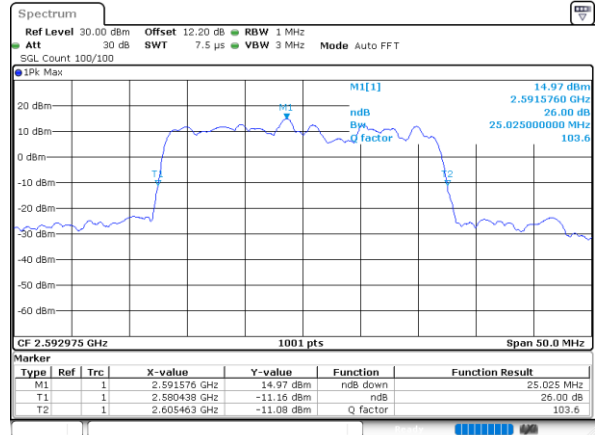
Date: 26.NOV.2022 00:09:16

Middle Channel / 10MHz+20MHz



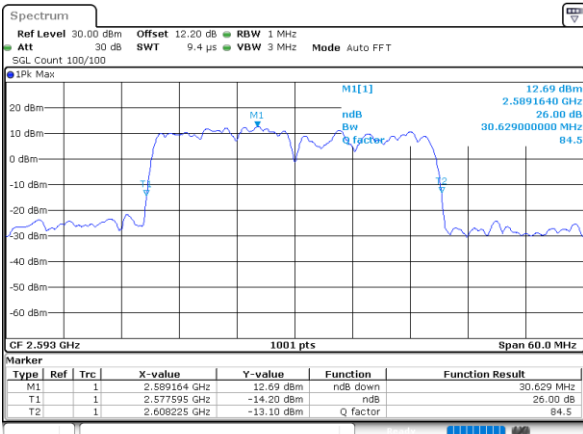
Date: 26.NOV.2022 00:20:17

Middle Channel / 15MHz+10MHz



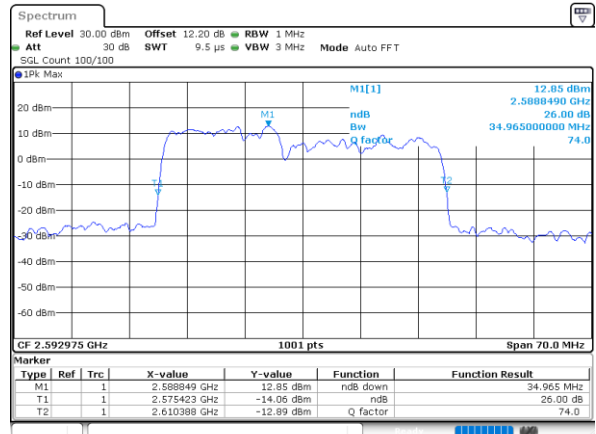
Date: 26.NOV.2022 00:14:30

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:34:30

Middle Channel / 15MHz+20MHz



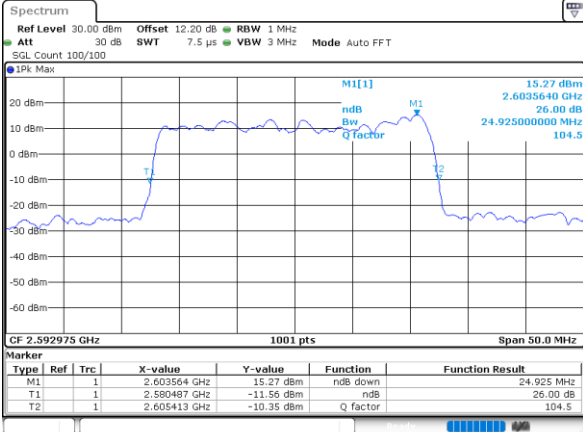
Date: 26.NOV.2022 00:39:55



LTE Band 41C

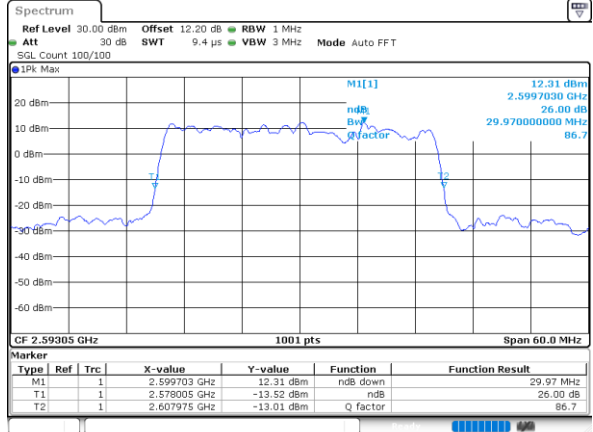
256QAM

Middle Channel / 20MHz+5MHz



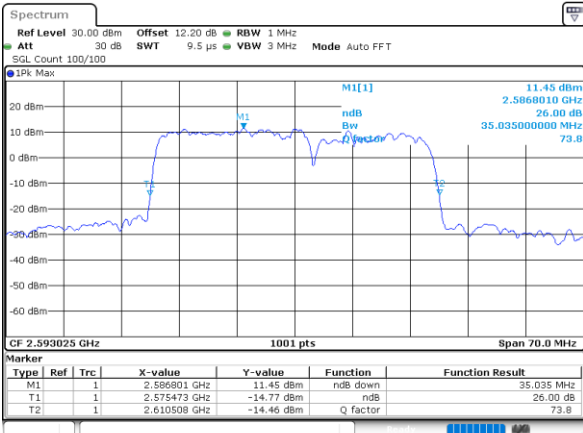
Date: 26.NOV.2022 00:04:01

Middle Channel / 20MHz+10MHz



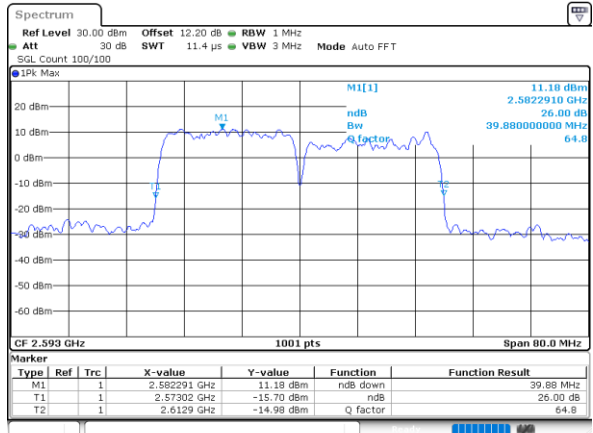
Date: 26.NOV.2022 00:12:42

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:45:09

Middle Channel / 20MHz+20MHz



Date: 26.NOV.2022 00:49:51



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.18	23.28	27.81	23.48	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.33	28.05	32.94	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.03	23.48	28.23	23.58	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.23	28.05	32.80	37.88

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.48	23.33	27.93	23.33	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.18	28.17	32.87	37.96

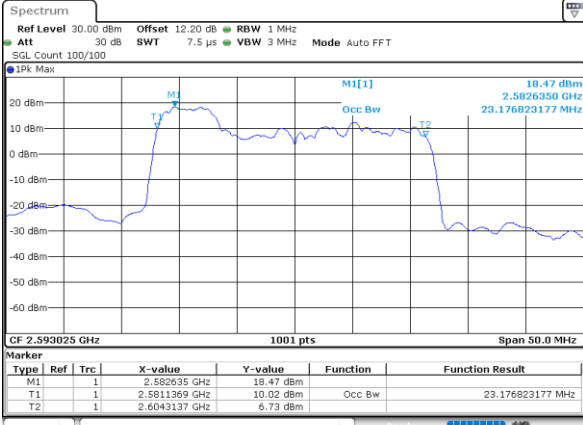
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.23	27.81	23.43	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.43	27.93	32.80	37.80



LTE Band 41C

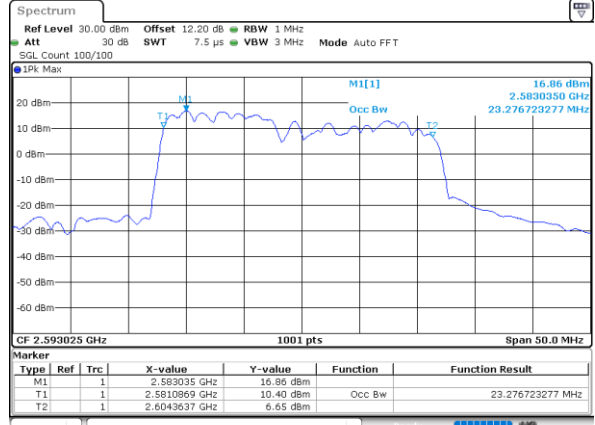
QPSK

Middle Channel / 5MHz+20MHz



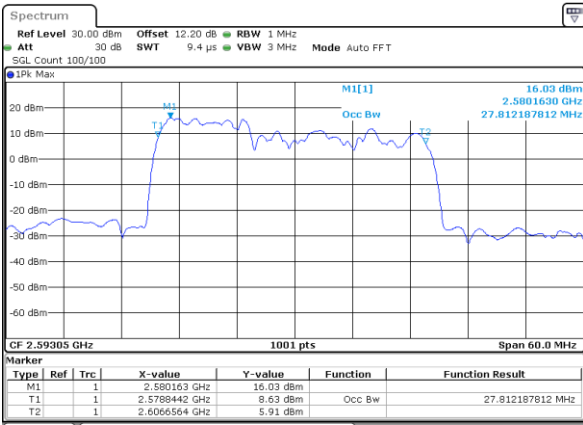
Date: 25.NOV.2022 23:56:15

Middle Channel / 10MHz+15MHz



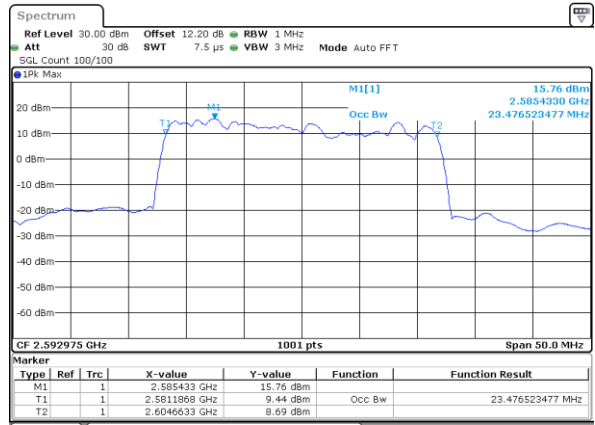
Date: 26.NOV.2022 00:06:43

Middle Channel / 10MHz+20MHz



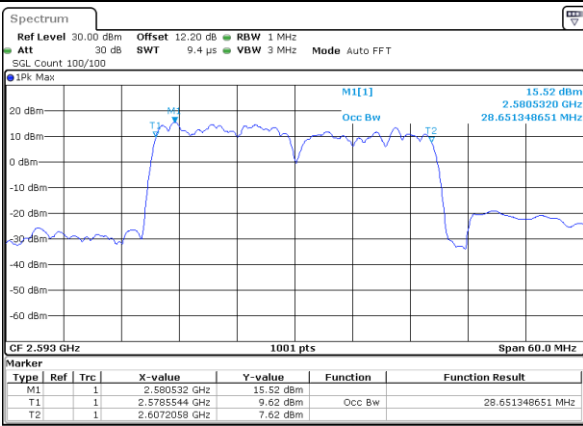
Date: 26.NOV.2022 00:17:45

Middle Channel / 15MHz+10MHz



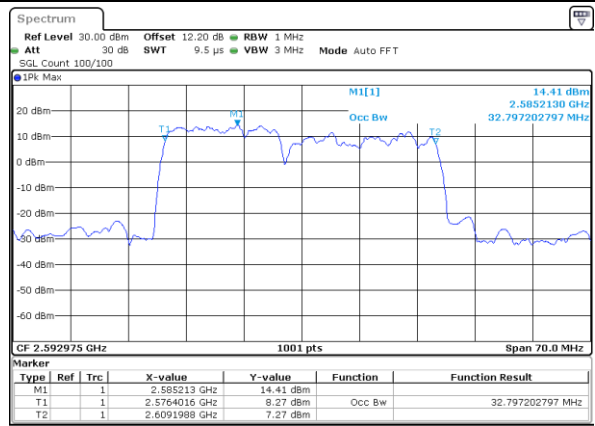
Date: 26.NOV.2022 00:11:58

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:32:19

Middle Channel / 15MHz+20MHz



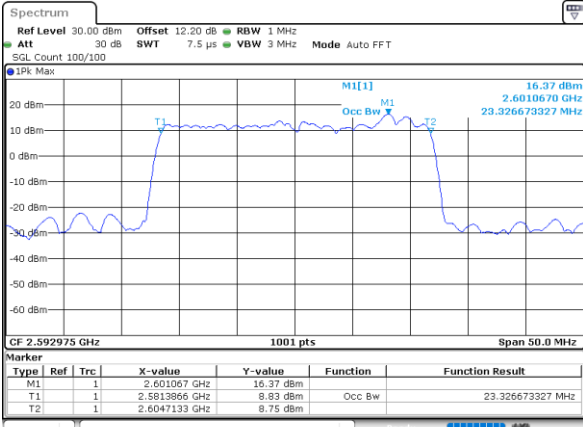
Date: 26.NOV.2022 00:36:50



LTE Band 41C

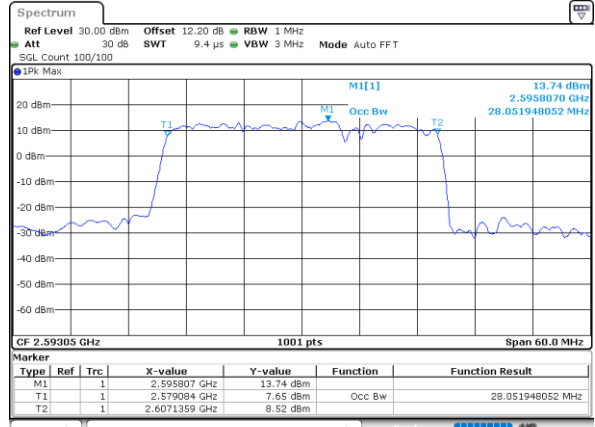
QPSK

Middle Channel / 20MHz+5MHz



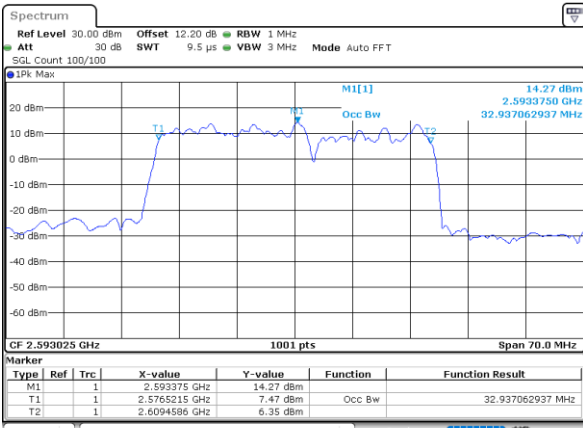
Date: 26.NOV.2022 00:01:29

Middle Channel / 20MHz+10MHz



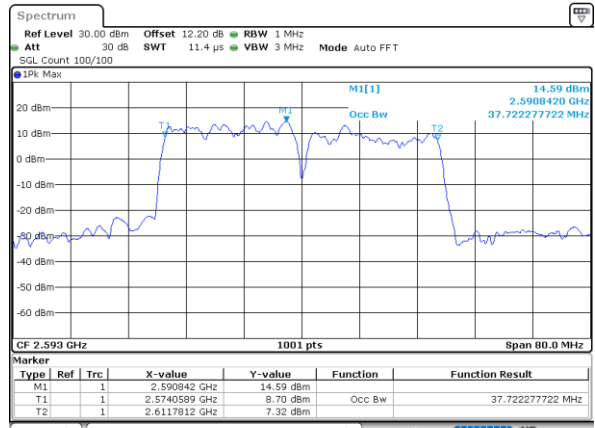
Date: 26.NOV.2022 00:12:10

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:42:37

Middle Channel / 20MHz+20MHz



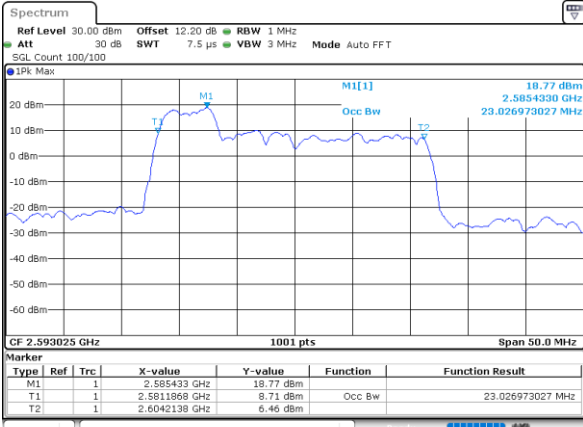
Date: 26.NOV.2022 00:47:40



LTE Band 41C

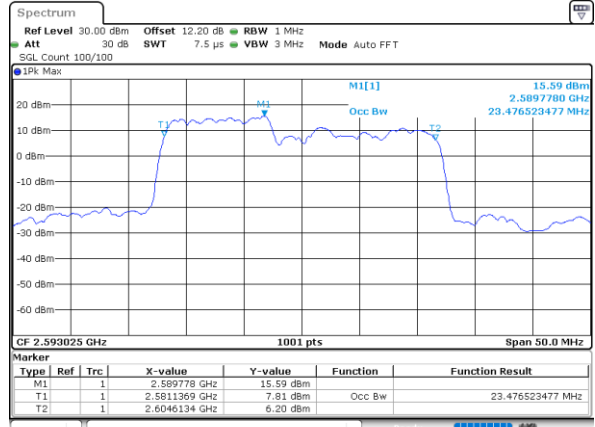
16QAM

Middle Channel / 5MHz+20MHz



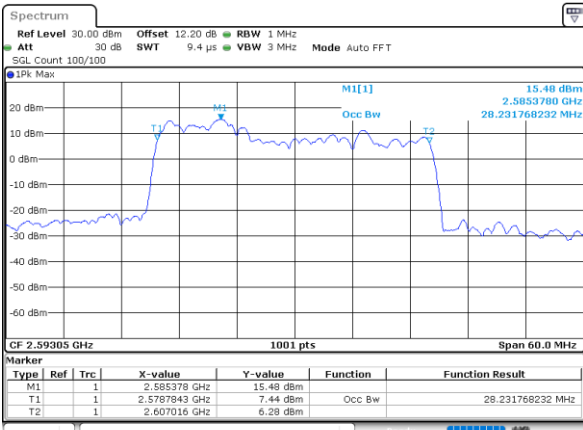
Date: 25,NOV,2022 23:56:53

Middle Channel / 10MHz+15MHz



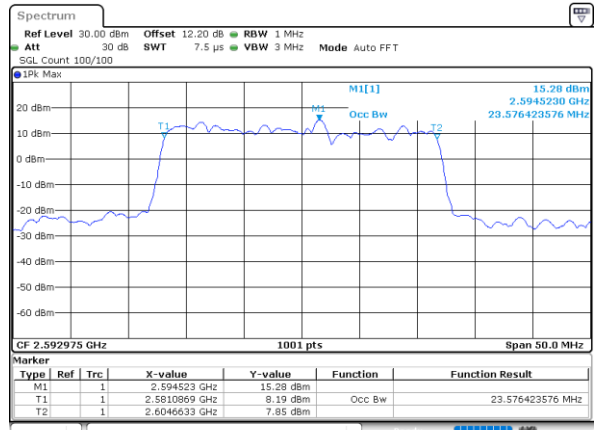
Date: 26,NOV,2022 00:07:21

Middle Channel / 10MHz+20MHz



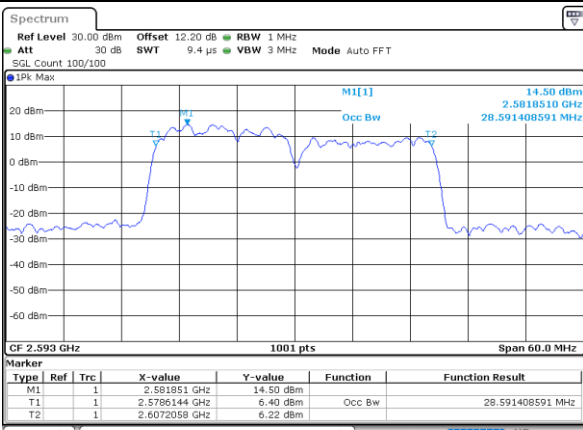
Date: 26,NOV,2022 00:18:23

Middle Channel / 15MHz+10MHz



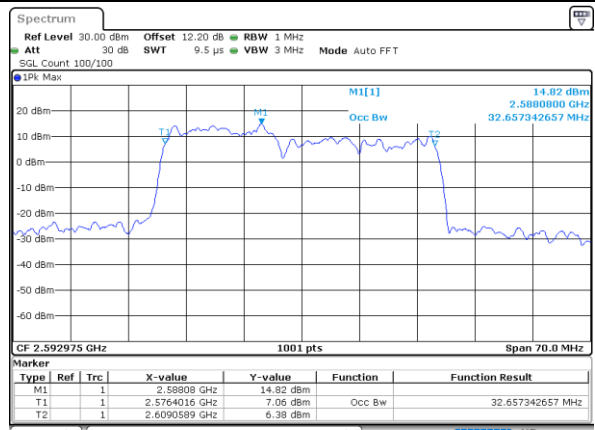
Date: 26,NOV,2022 00:12:36

Middle Channel / 15MHz+15MHz



Date: 26,NOV,2022 00:32:51

Middle Channel / 15MHz+20MHz



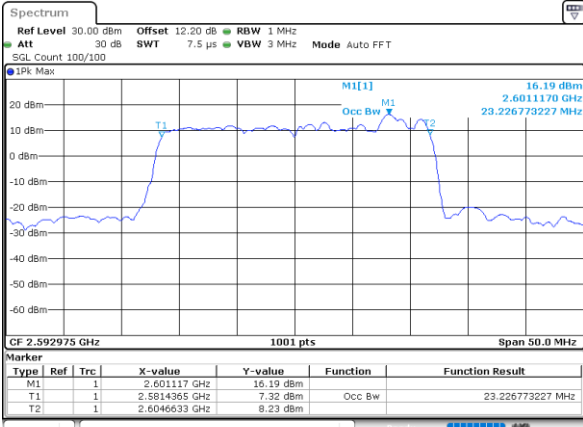
Date: 26,NOV,2022 00:37:28



LTE Band 41C

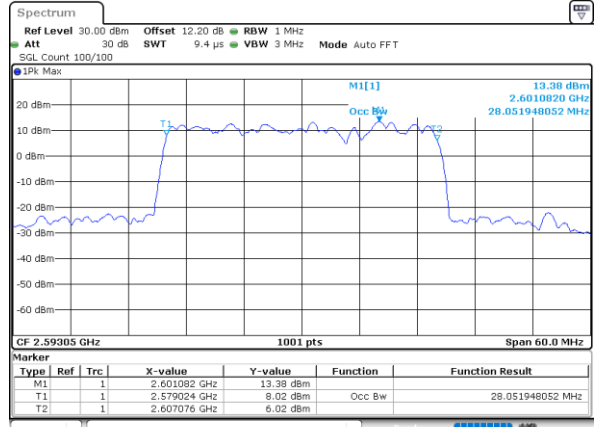
16QAM

Middle Channel / 20MHz+5MHz



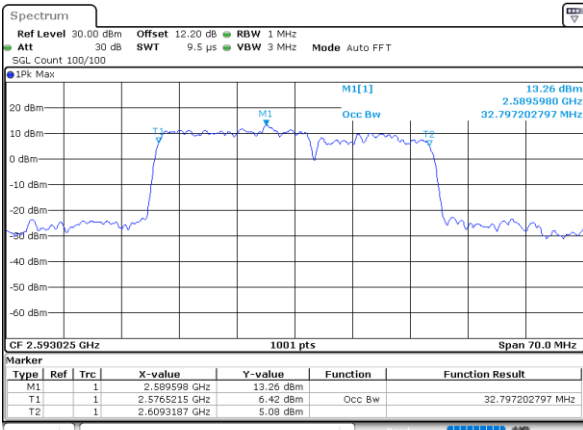
Date: 26.NOV.2022 00:02:07

Middle Channel / 20MHz+10MHz



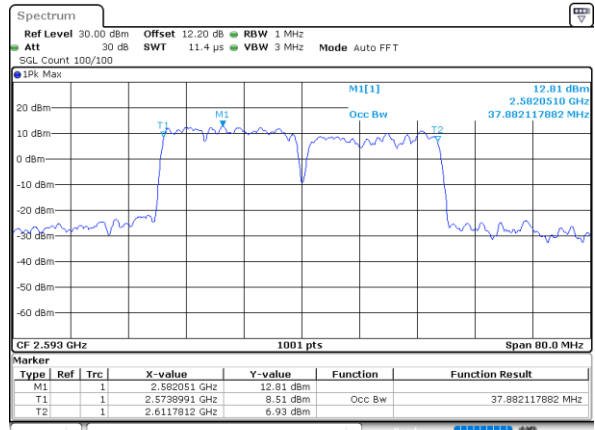
Date: 26.NOV.2022 00:27:48

Middle Channel / 20MHz+15MHz



Date: 26.NOV.2022 00:43:15

Middle Channel / 20MHz+20MHz



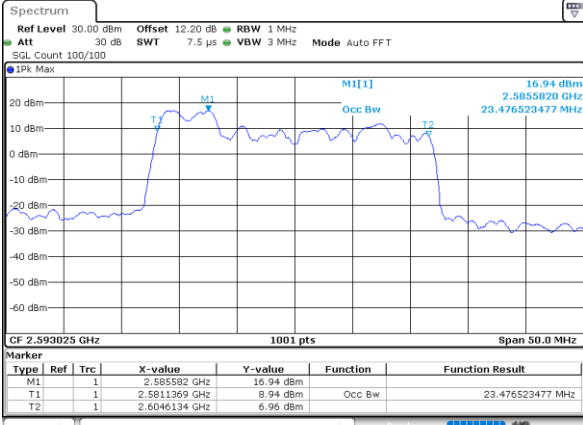
Date: 26.NOV.2022 00:48:13



LTE Band 41C

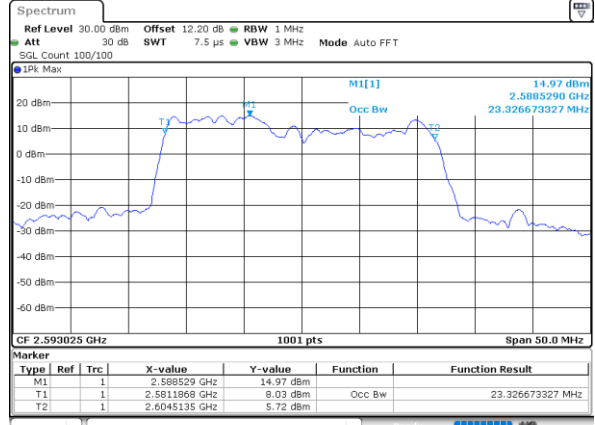
64QAM

Middle Channel / 5MHz+20MHz



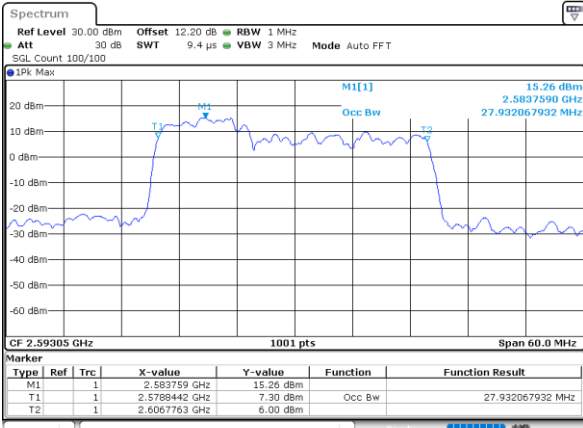
Date: 25.NOV.2022 23:57:33

Middle Channel / 10MHz+15MHz



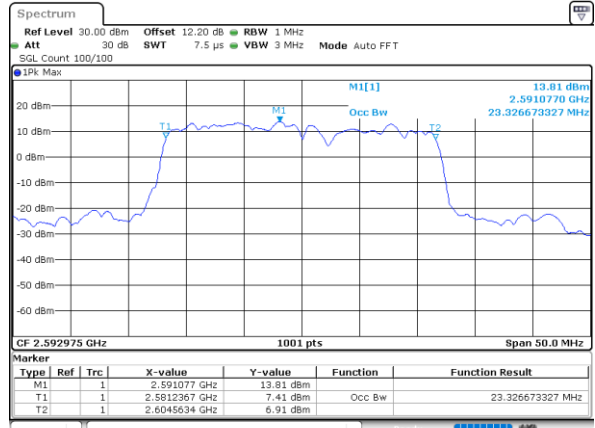
Date: 26.NOV.2022 00:07:59

Middle Channel / 10MHz+20MHz



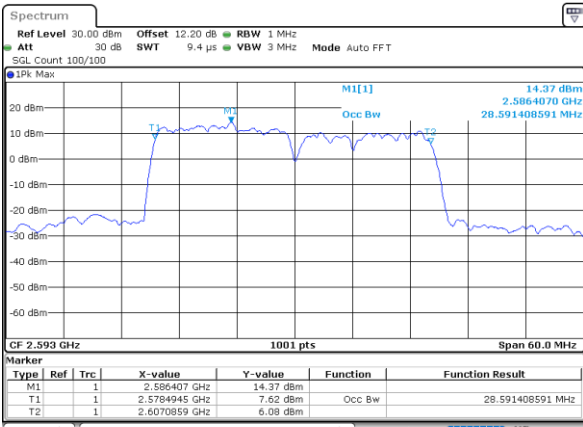
Date: 26.NOV.2022 00:19:01

Middle Channel / 15MHz+10MHz



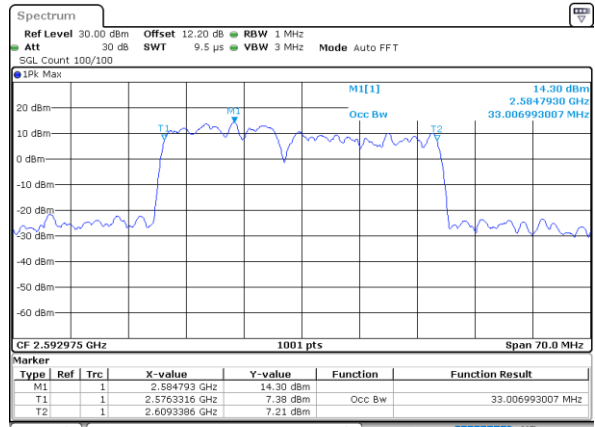
Date: 26.NOV.2022 00:13:14

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:33:24

Middle Channel / 15MHz+20MHz



Date: 26.NOV.2022 00:38:06