

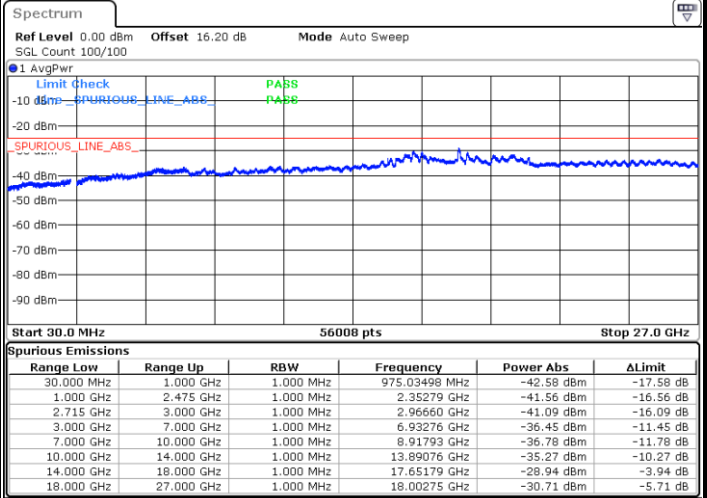
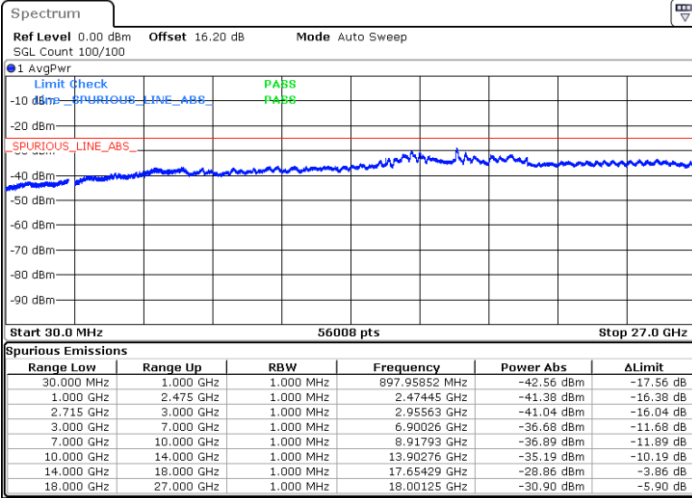


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

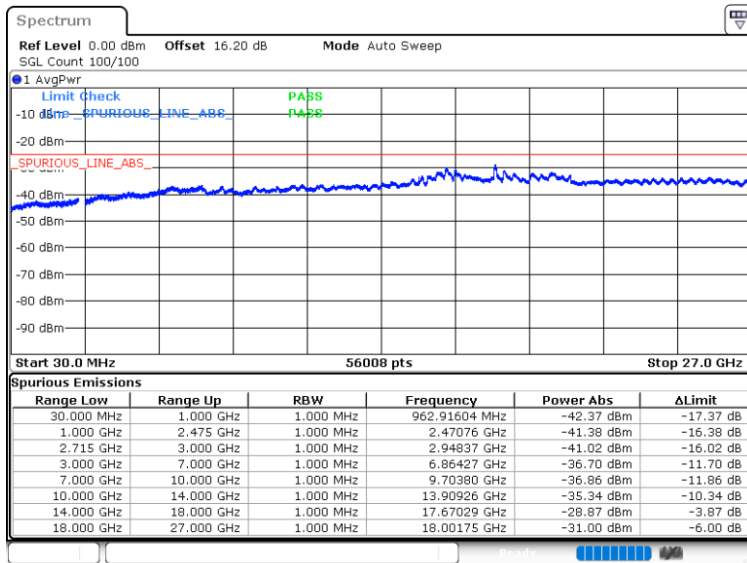
Middle Channel / QPSK



Date: 8.FEB.2023 10:20:07

Date: 8.FEB.2023 10:24:59

Highest Channel / QPSK



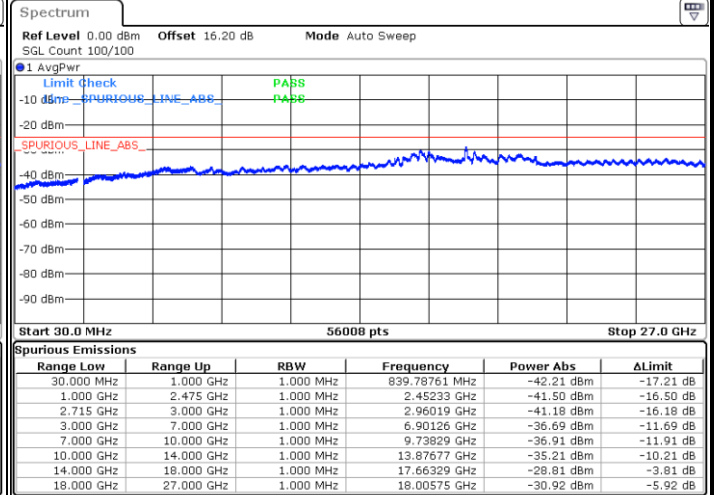
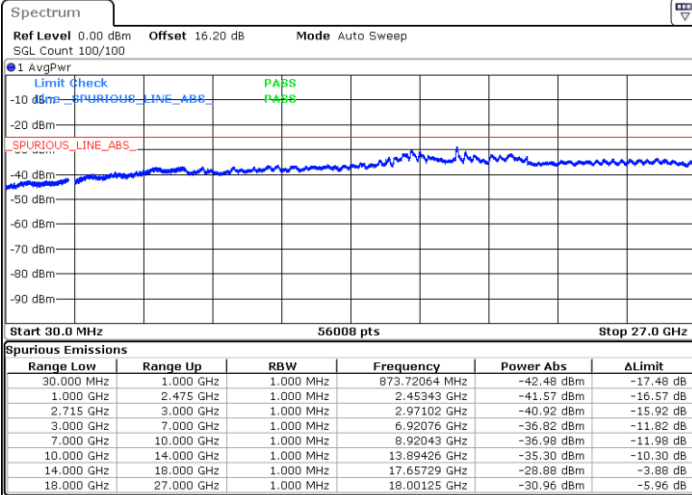
Date: 8.FEB.2023 10:37:54



LTE Band 41 / 10MHz

Lowest Channel / QPSK

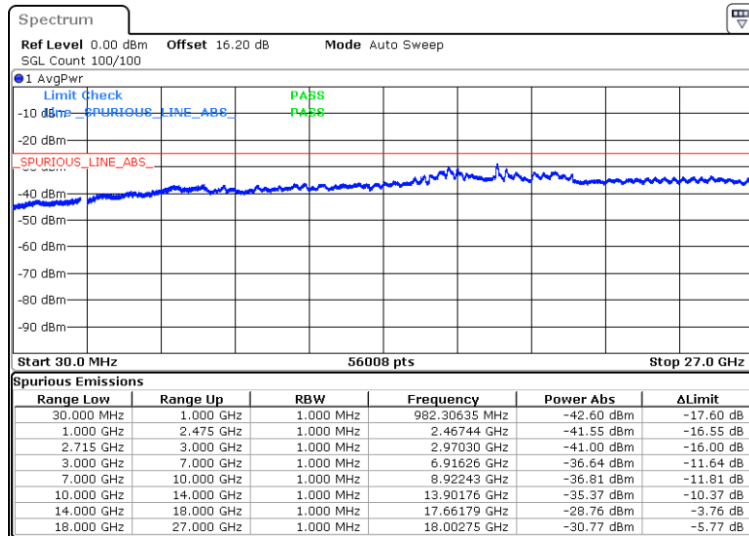
Middle Channel / QPSK



Date: 8.FEB.2023 11:13:35

Date: 8.FEB.2023 11:14:51

Highest Channel / QPSK



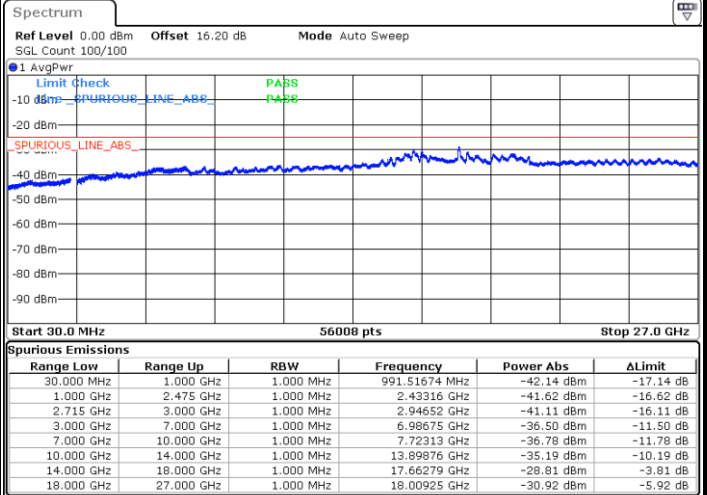
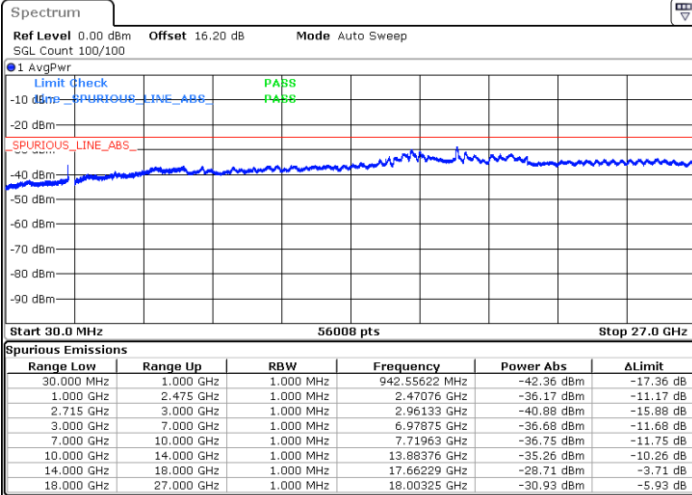
Date: 8.FEB.2023 11:16:05



LTE Band 41 / 15MHz

Lowest Channel / QPSK

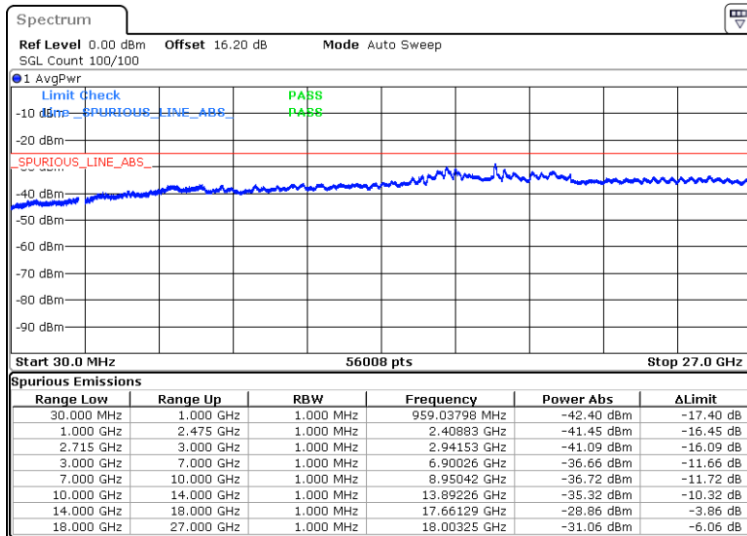
Middle Channel / QPSK



Date: 8.FEB.2023 11:17:25

Date: 8.FEB.2023 11:18:38

Highest Channel / QPSK



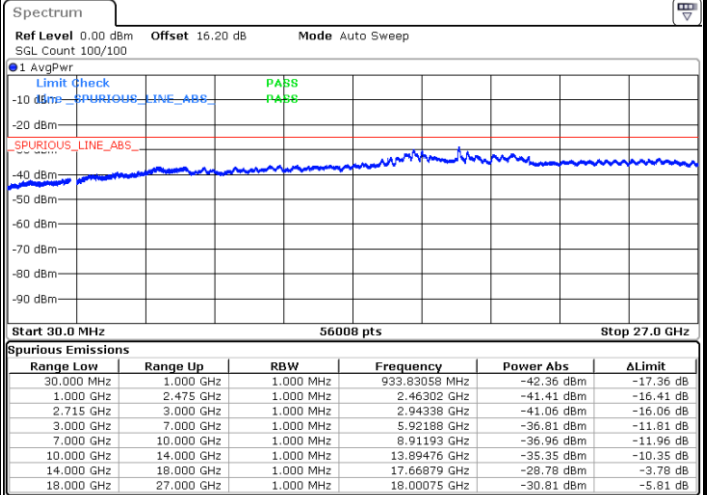
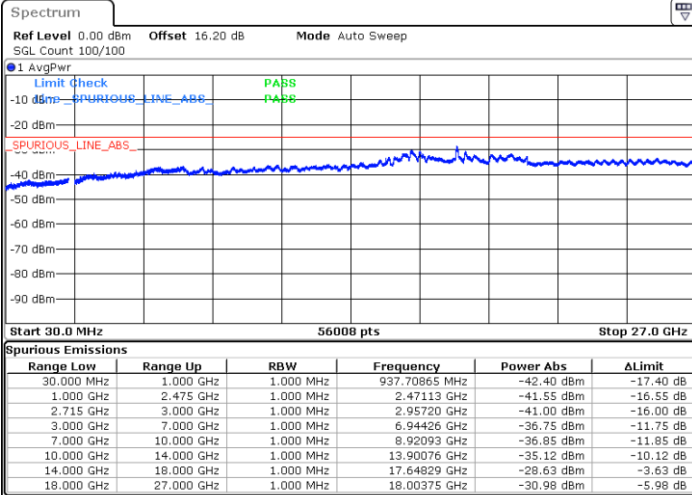
Date: 8.FEB.2023 11:19:51



LTE Band 41 / 20MHz

Lowest Channel / QPSK

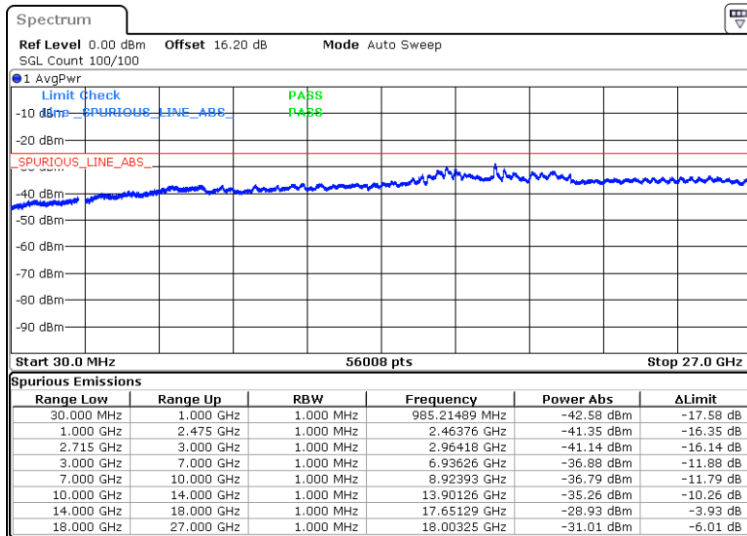
Middle Channel / QPSK



Date: 8.FEB.2023 11:21:09

Date: 8.FEB.2023 11:22:23

Highest Channel / QPSK



Date: 8.FEB.2023 11:23:36



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	0.0055	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.89 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	24.68	24.98	29.85	25.38	30.87
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	24.98	30.03	34.90	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.03	29.85	26.02	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	25.03	29.97	34.76	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.18	30.03	25.13	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.18	24.88	30.03	34.97	39.88

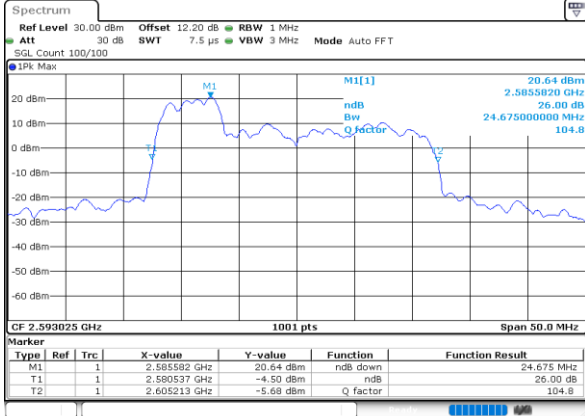
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.18	29.73	25.08	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.88	30.03	35.11	39.64



LTE Band 41C

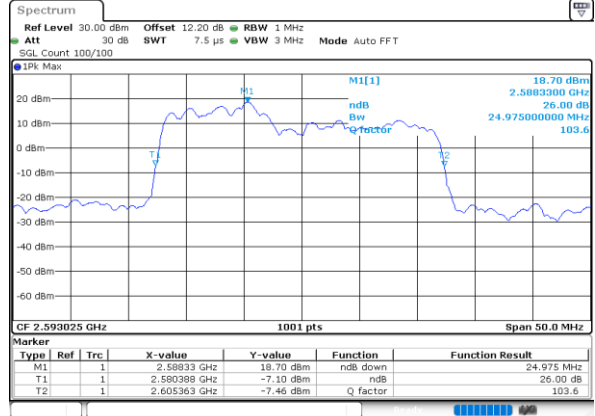
QPSK

Middle Channel / 5MHz+20MHz



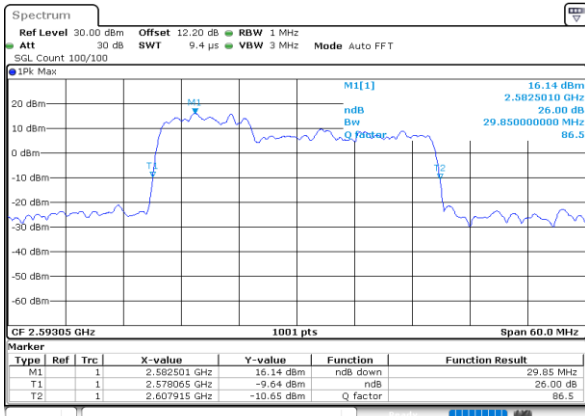
Date: 2.MAY.2023 18:27:59

Middle Channel / 10MHz+15MHz



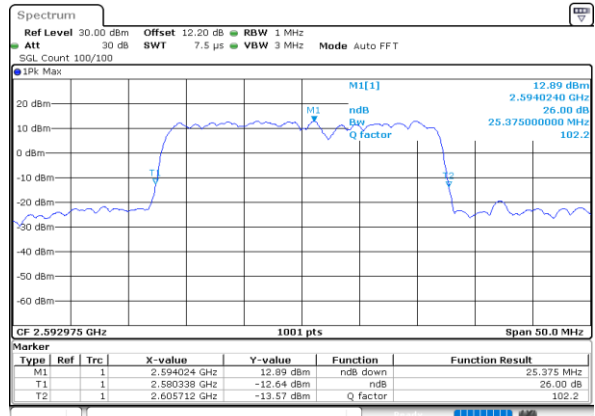
Date: 2.MAY.2023 18:38:02

Middle Channel / 10MHz+20MHz



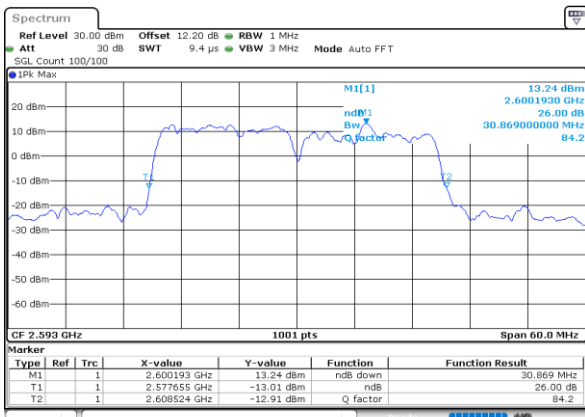
Date: 2.MAY.2023 18:48:04

Middle Channel / 15MHz+10MHz



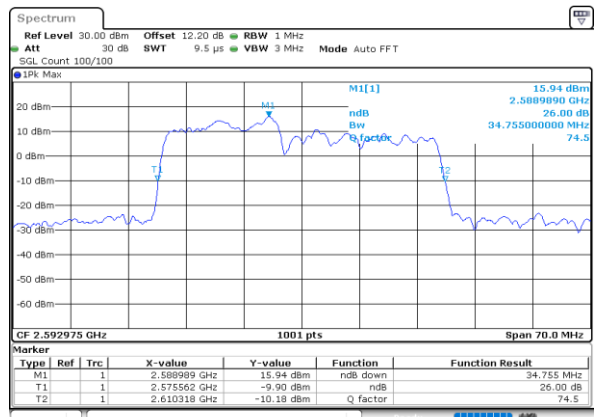
Date: 2.MAY.2023 18:43:03

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:57:28

Middle Channel / 15MHz+20MHz

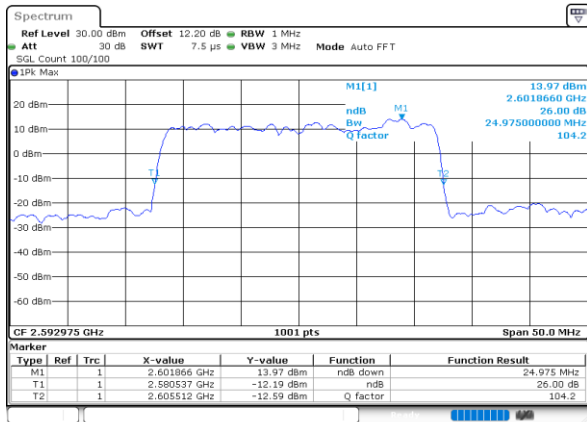


Date: 2.MAY.2023 19:02:43



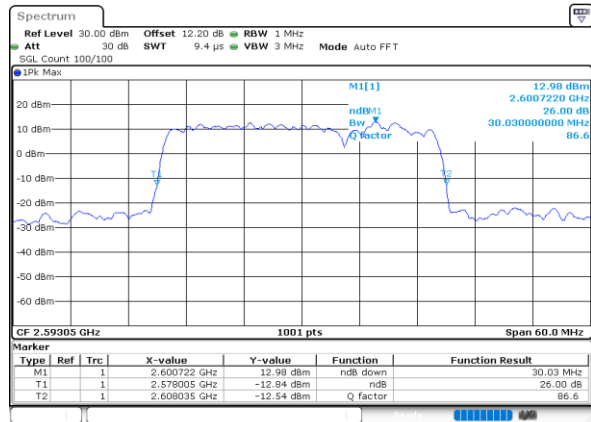
LTE Band 41C

Middle Channel / 20MHz+5MHz



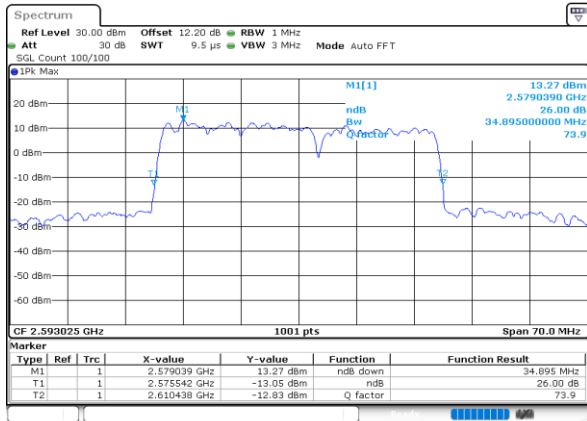
Date: 2.MAY.2023 18:33:01

Middle Channel / 20MHz+10MHz



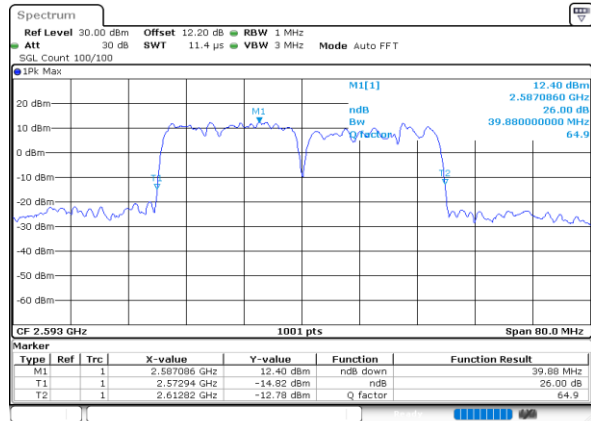
Date: 2.MAY.2023 18:53:06

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:23:18

Middle Channel / 20MHz+20MHz

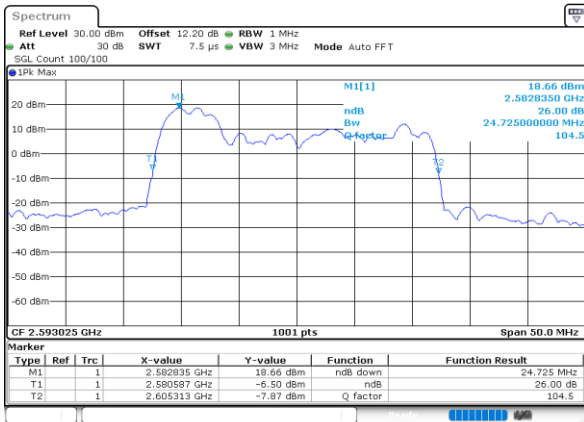


Date: 2.MAY.2023 19:27:37



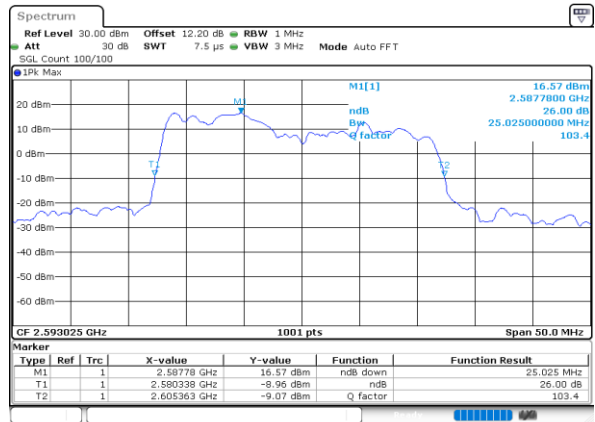
LTE Band 41C

Middle Channel / 5MHz+20MHz



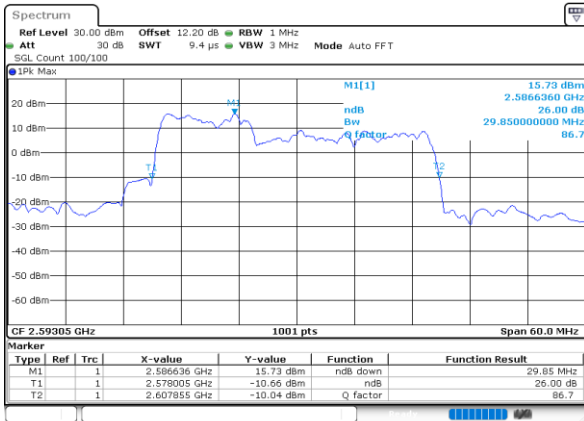
Date: 2.MAY.2023 18:27:22

Middle Channel / 10MHz+15MHz



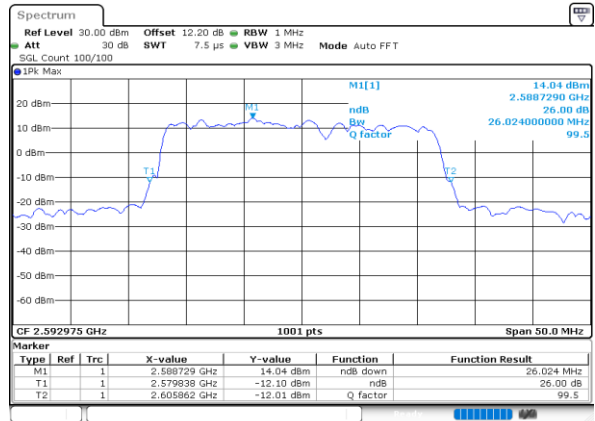
Date: 2.MAY.2023 18:37:25

Middle Channel / 10MHz+20MHz



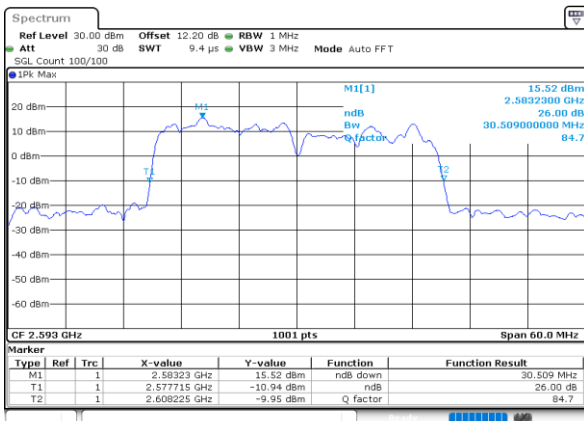
Date: 2.MAY.2023 18:47:28

Middle Channel / 15MHz+10MHz



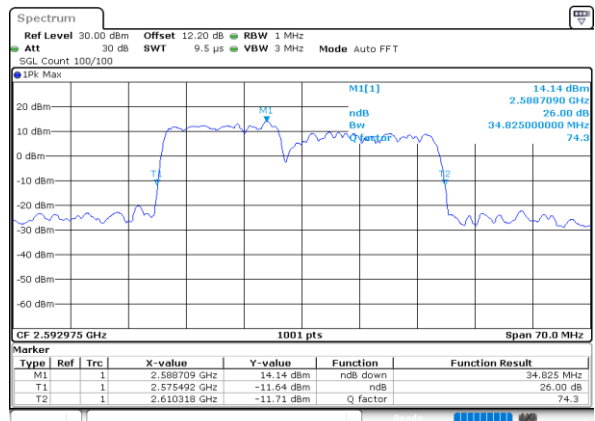
Date: 2.MAY.2023 18:42:26

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:56:56

Middle Channel / 15MHz+20MHz



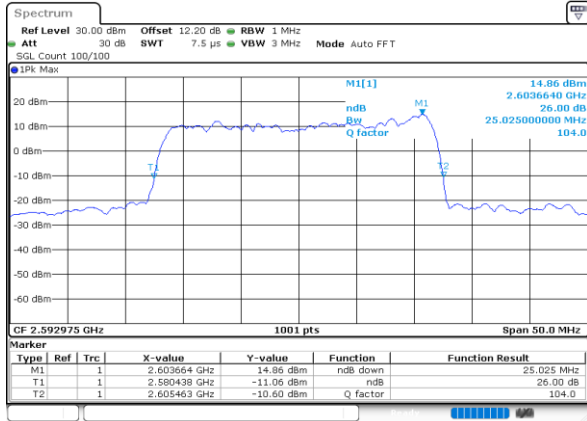
Date: 2.MAY.2023 19:02:00



LTE Band 41C

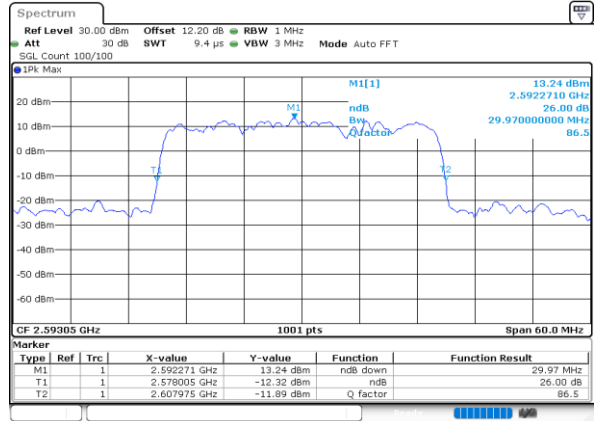
16QAM

Middle Channel / 20MHz+5MHz



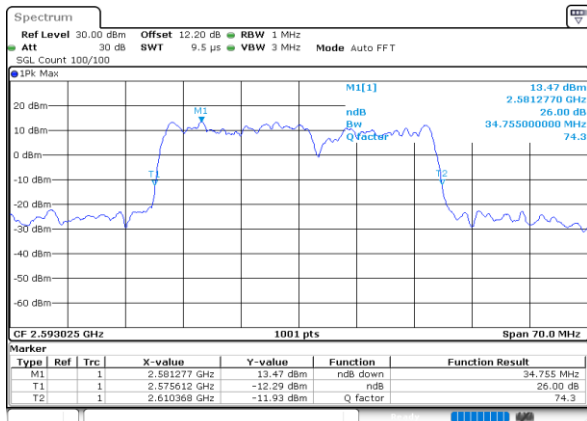
Date: 2.MAY.2023 18:32:24

Middle Channel / 20MHz+10MHz



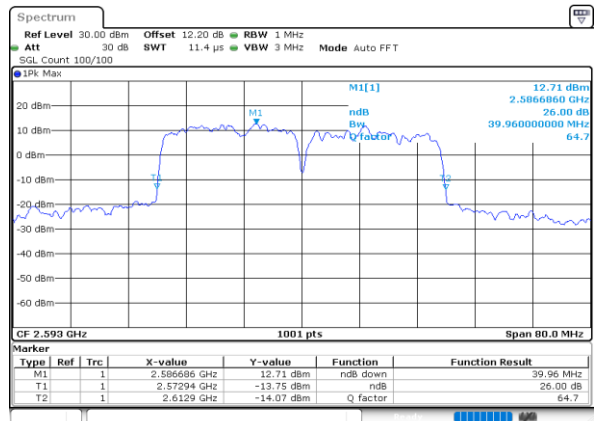
Date: 2.MAY.2023 18:52:29

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:22:41

Middle Channel / 20MHz+20MHz



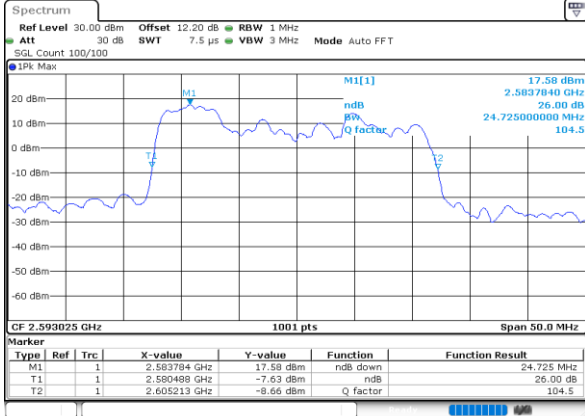
Date: 2.MAY.2023 19:27:05



LTE Band 41C

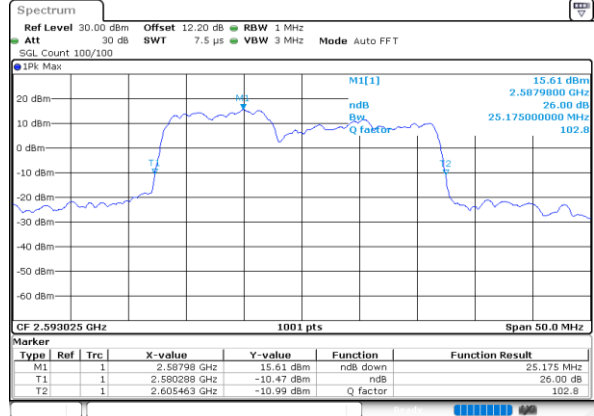
64QAM

Middle Channel / 5MHz+20MHz



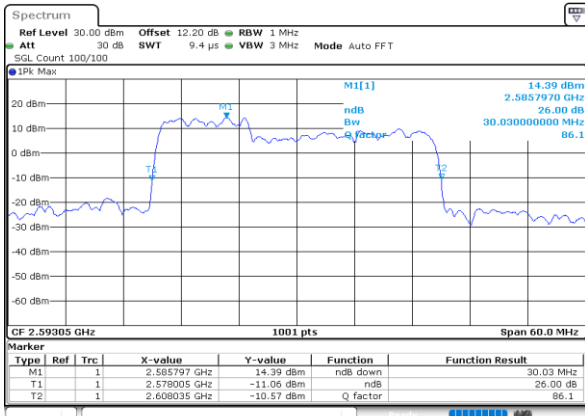
Date: 2.MAY.2023 18:26:46

Middle Channel / 10MHz+15MHz



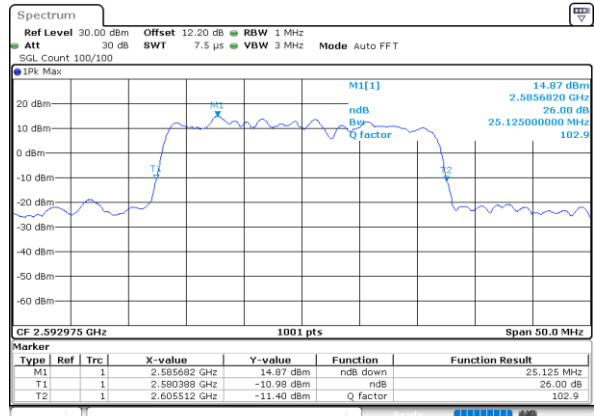
Date: 2.MAY.2023 18:36:49

Middle Channel / 10MHz+20MHz



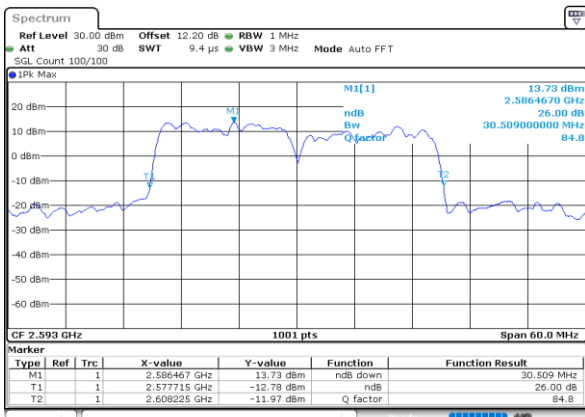
Date: 2.MAY.2023 18:46:51

Middle Channel / 15MHz+10MHz



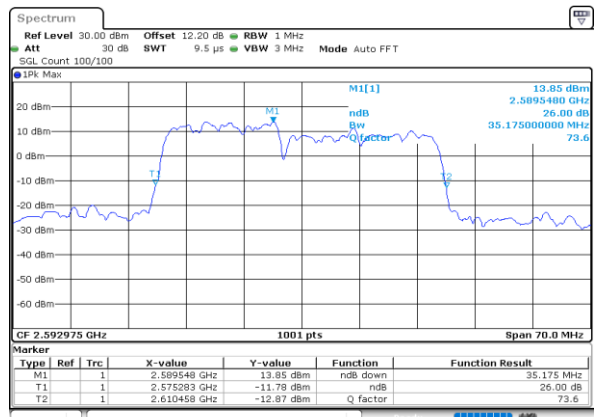
Date: 2.MAY.2023 18:41:50

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:56:25

Middle Channel / 15MHz+20MHz



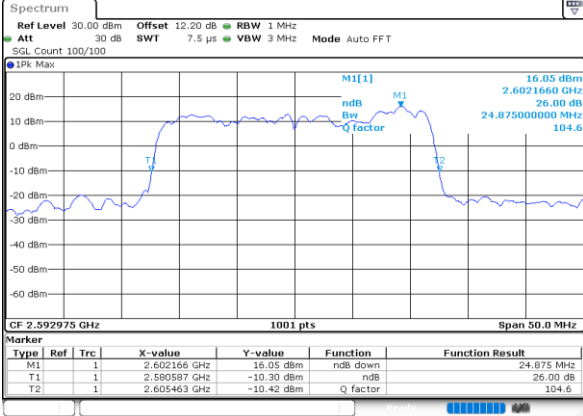
Date: 2.MAY.2023 19:01:23



LTE Band 41C

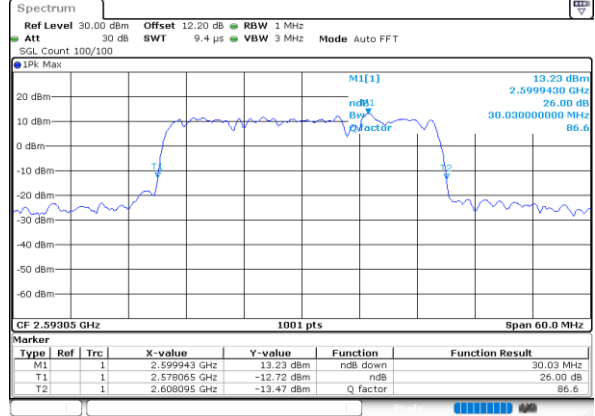
64QAM

Middle Channel / 20MHz+5MHz



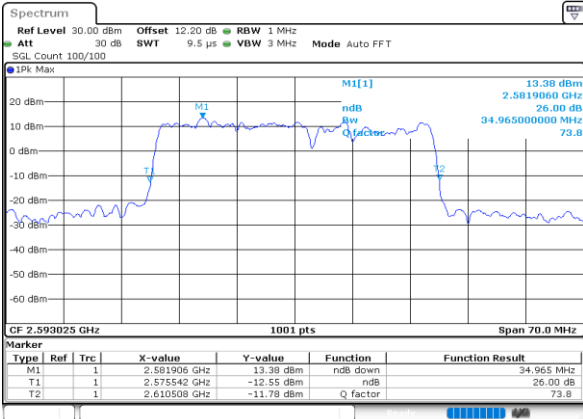
Date: 2.MAY.2023 18:31:47

Middle Channel / 20MHz+10MHz



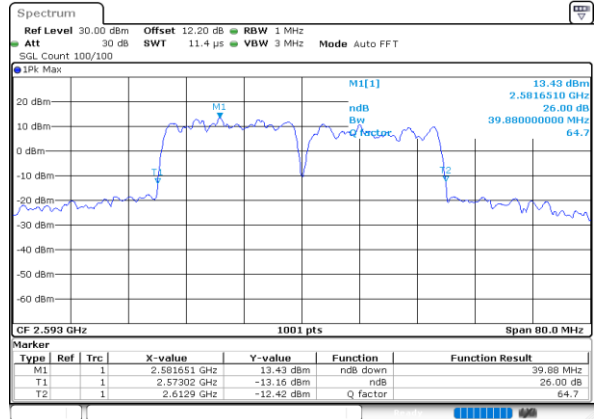
Date: 2.MAY.2023 18:51:52

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:22:04

Middle Channel / 20MHz+20MHz



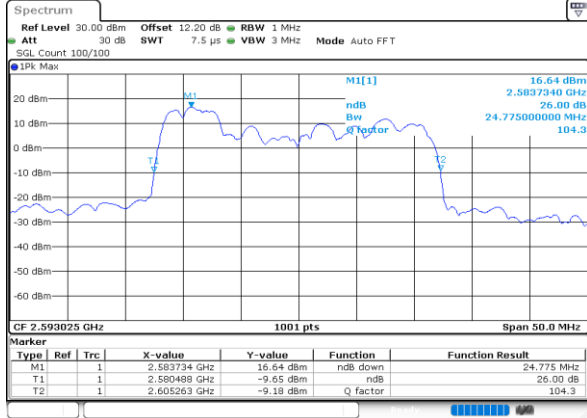
Date: 2.MAY.2023 19:26:34



LTE Band 41C

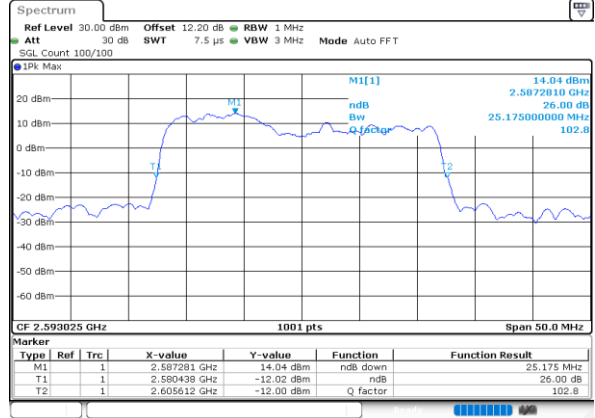
256QAM

Middle Channel / 5MHz+20MHz



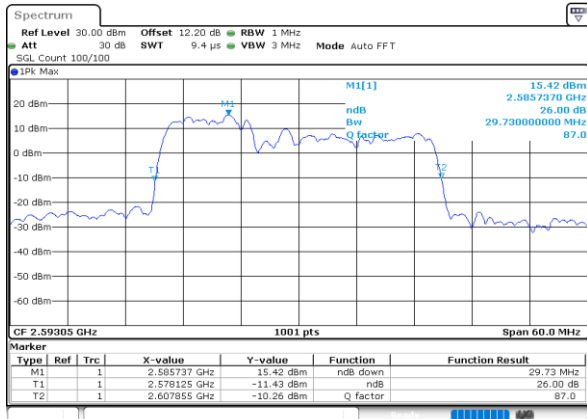
Date: 2.MAY.2023 18:26:09

Middle Channel / 10MHz+15MHz



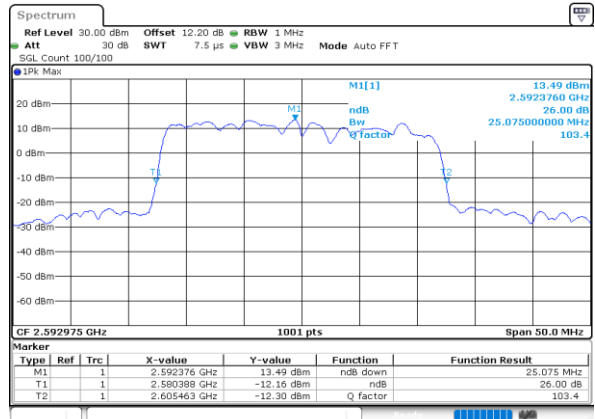
Date: 2.MAY.2023 18:36:12

Middle Channel / 10MHz+20MHz



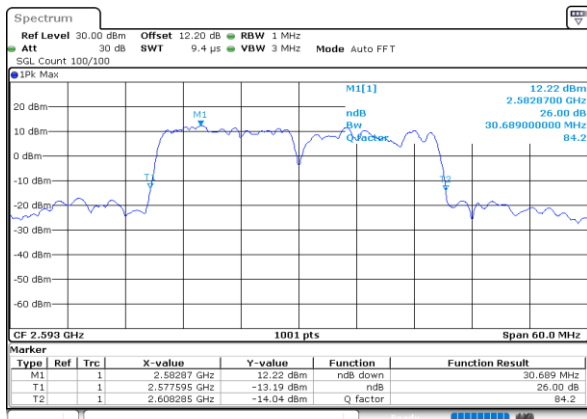
Date: 2.MAY.2023 18:46:14

Middle Channel / 15MHz+10MHz



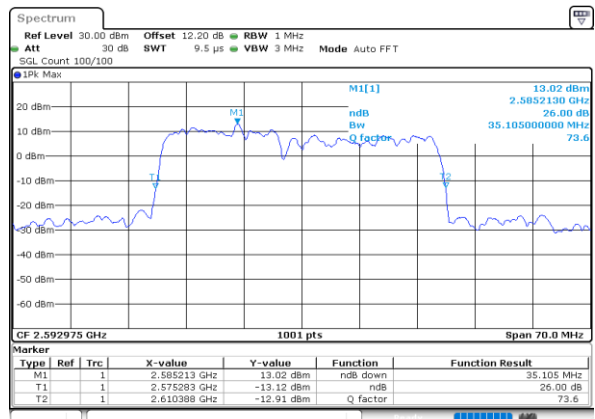
Date: 2.MAY.2023 18:41:13

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:55:53

Middle Channel / 15MHz+20MHz



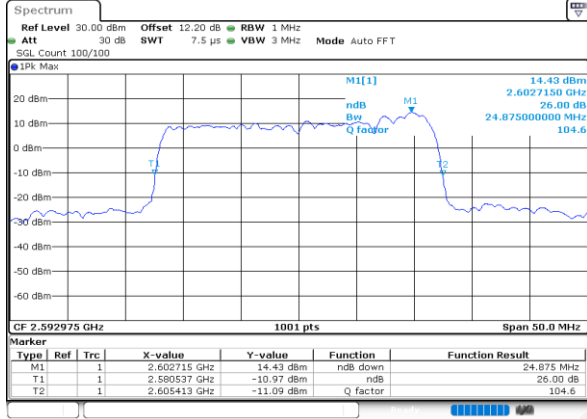
Date: 2.MAY.2023 19:00:47



LTE Band 41C

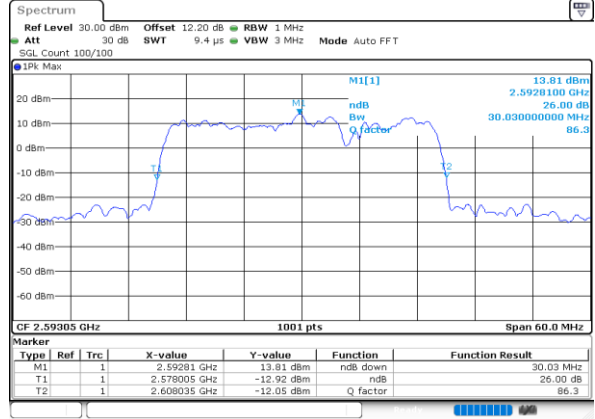
256QAM

Middle Channel / 20MHz+5MHz



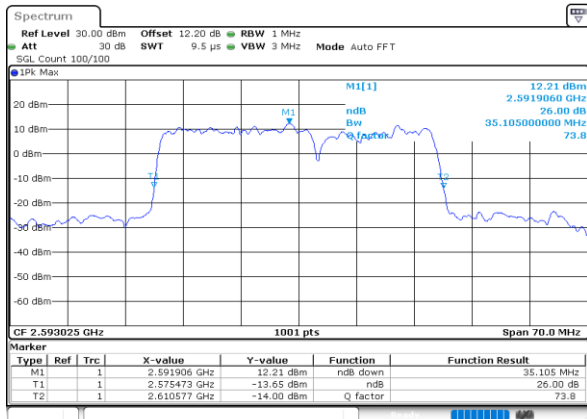
Date: 2.MAY.2023 18:31:11

Middle Channel / 20MHz+10MHz



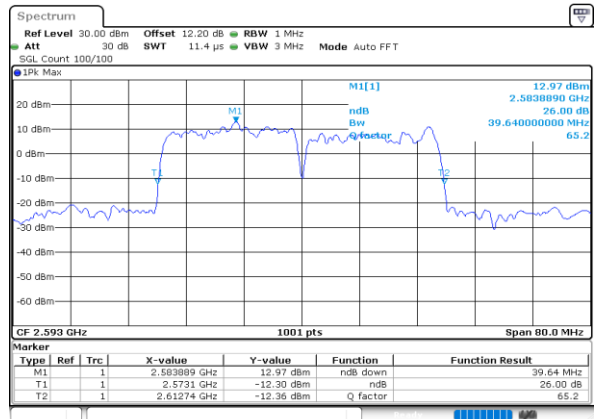
Date: 2.MAY.2023 18:51:16

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:21:28

Middle Channel / 20MHz+20MHz



Date: 2.MAY.2023 19:26:02



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.48	23.63	27.81	23.28	28.83
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.33	28.11	32.80	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	23.53	27.87	23.48	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.15	23.23	27.93	33.01	37.40

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.43	23.28	27.93	23.13	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.59	23.23	27.99	32.66	37.88

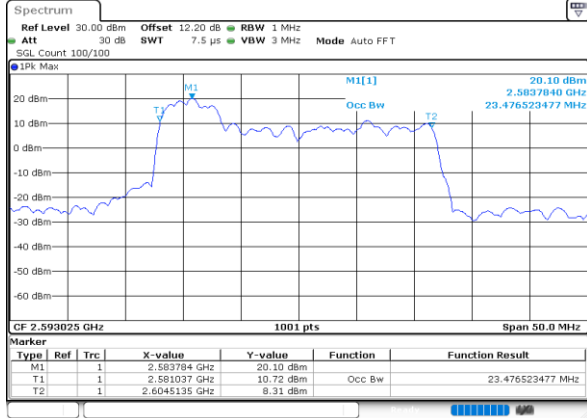
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.23	23.23	27.87	23.53	28.89
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.18	28.29	32.66	37.80



LTE Band 41C

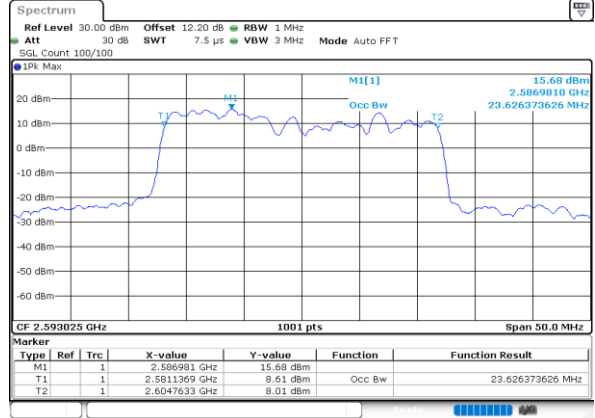
QPSK

Middle Channel / 5MHz+20MHz



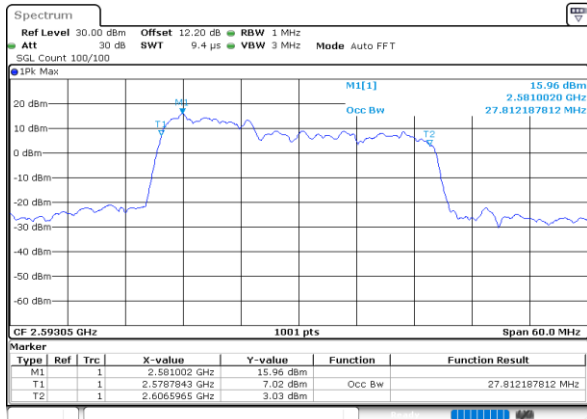
Date: 2.MAY.2023 18:23:31

Middle Channel / 10MHz+15MHz



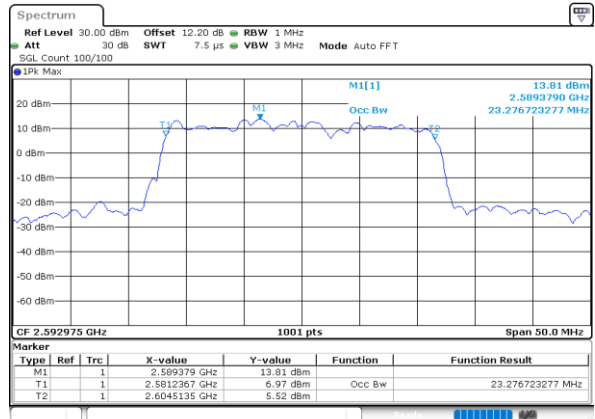
Date: 2.MAY.2023 18:33:46

Middle Channel / 10MHz+20MHz



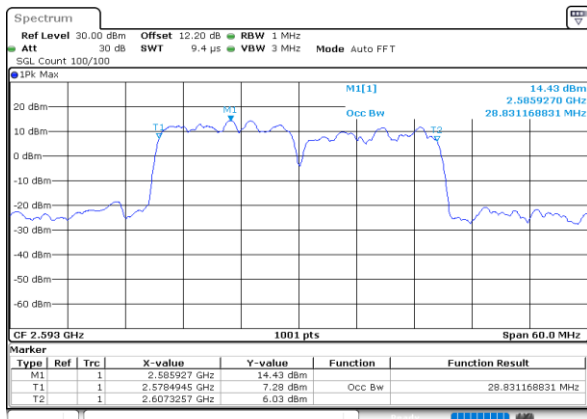
Date: 2.MAY.2023 18:43:49

Middle Channel / 15MHz+10MHz



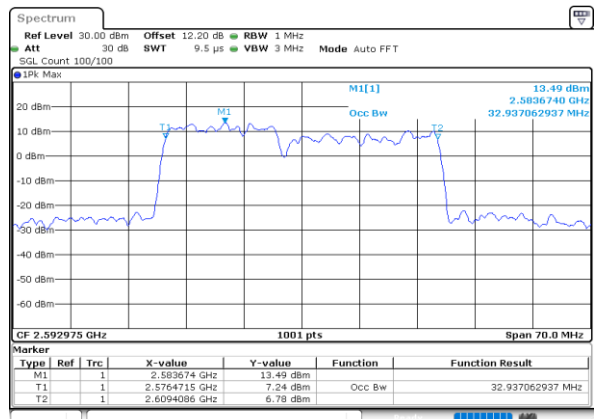
Date: 2.MAY.2023 18:38:48

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:53:46

Middle Channel / 15MHz+20MHz



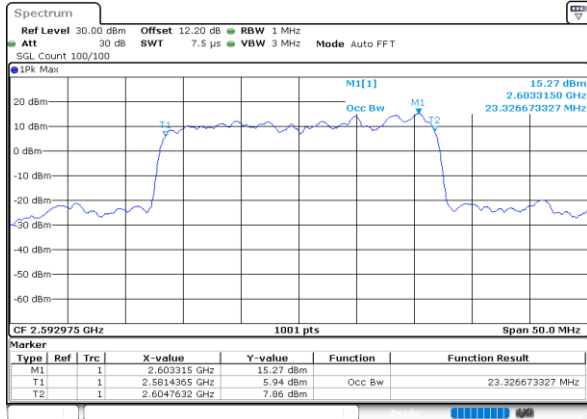
Date: 2.MAY.2023 18:58:12



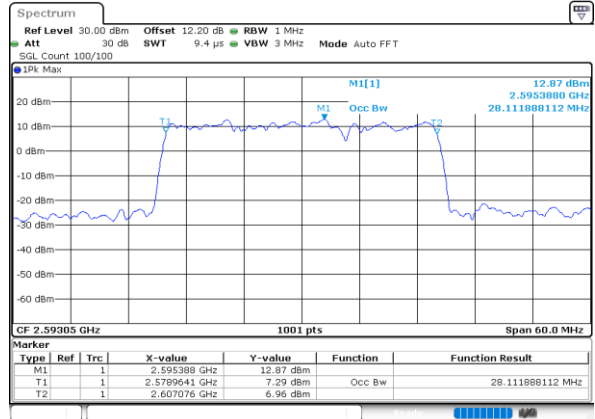
LTE Band 41C

QPSK

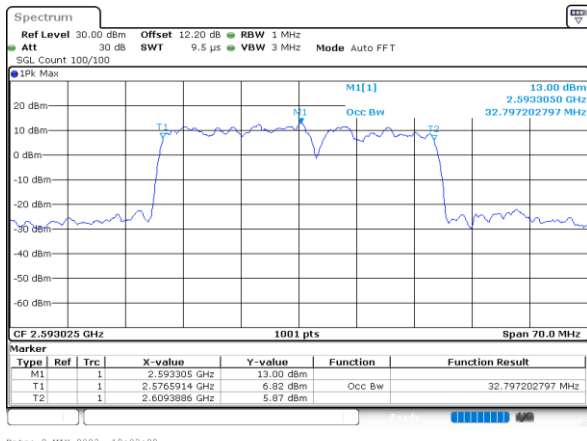
Middle Channel / 20MHz+5MHz



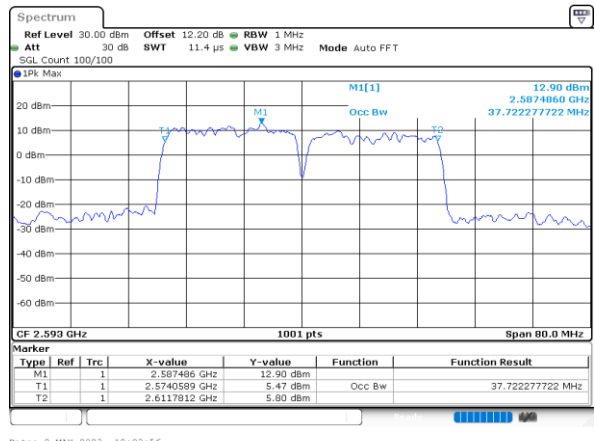
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

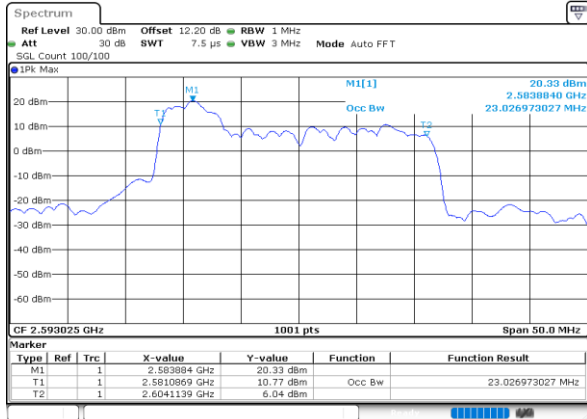




LTE Band 41C

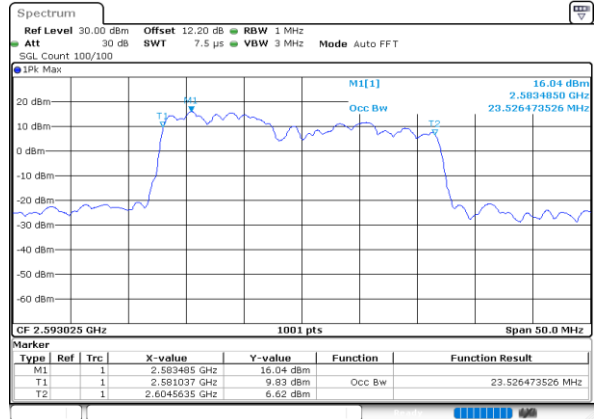
16QAM

Middle Channel / 5MHz+20MHz



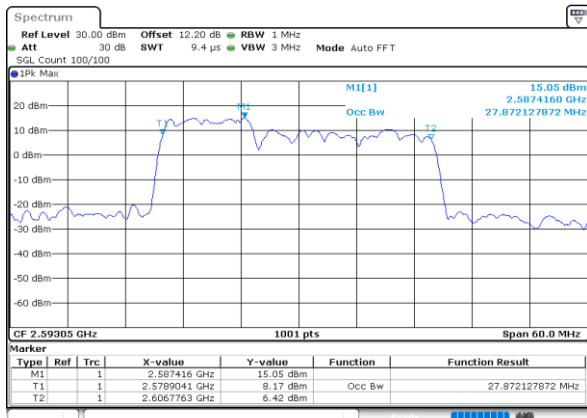
Date: 2.MAY.2023 18:24:20

Middle Channel / 10MHz+15MHz



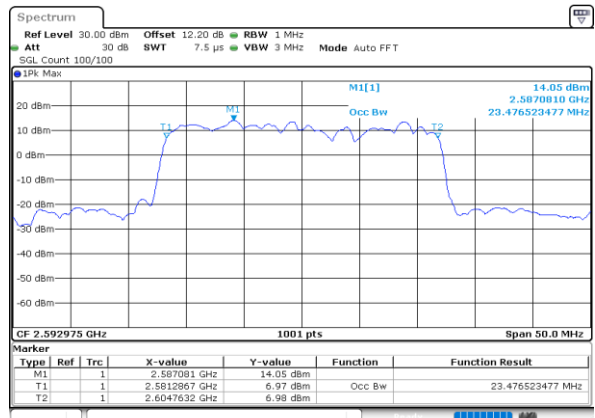
Date: 2.MAY.2023 18:34:23

Middle Channel / 10MHz+20MHz



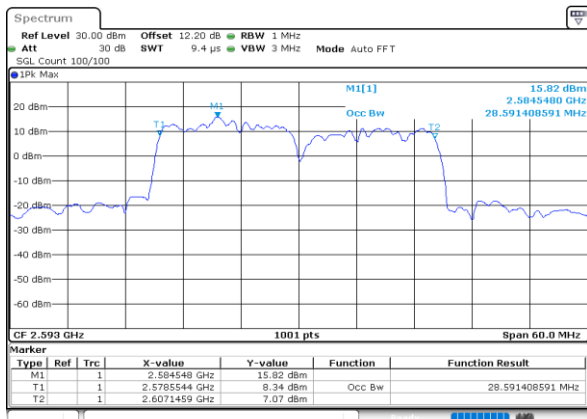
Date: 2.MAY.2023 18:44:25

Middle Channel / 15MHz+10MHz



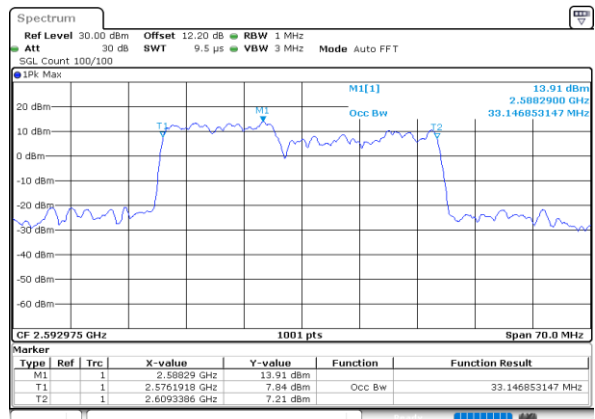
Date: 2.MAY.2023 18:39:24

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:54:18

Middle Channel / 15MHz+20MHz



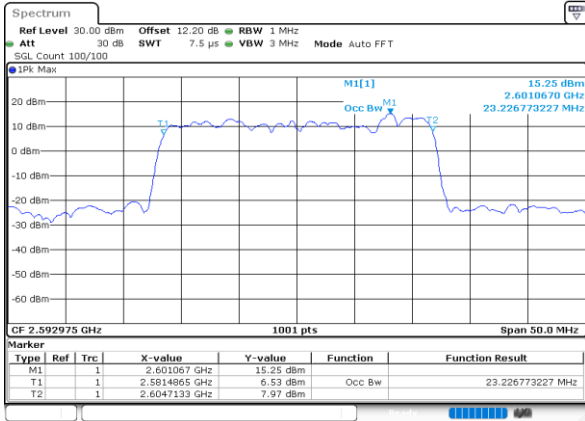
Date: 2.MAY.2023 18:58:55



LTE Band 41C

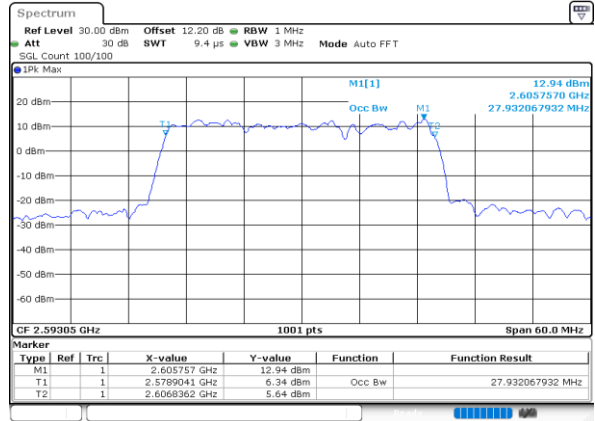
16QAM

Middle Channel / 20MHz+5MHz



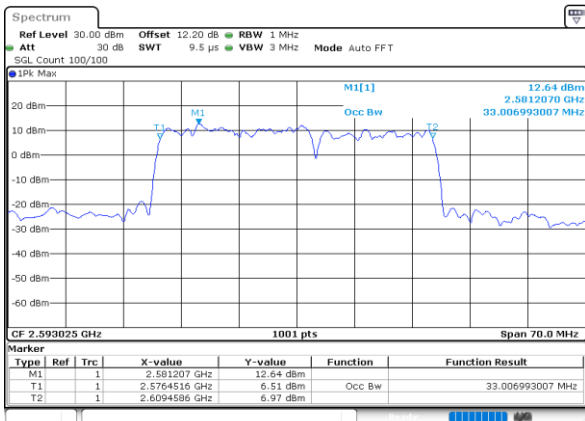
Date: 2.MAY.2023 18:29:22

Middle Channel / 20MHz+10MHz



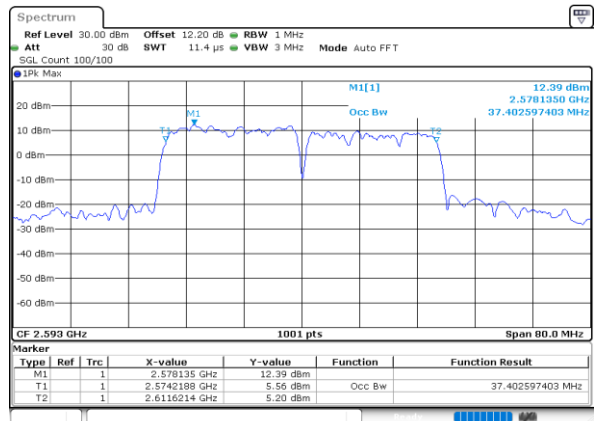
Date: 2.MAY.2023 18:49:27

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:04:05

Middle Channel / 20MHz+20MHz



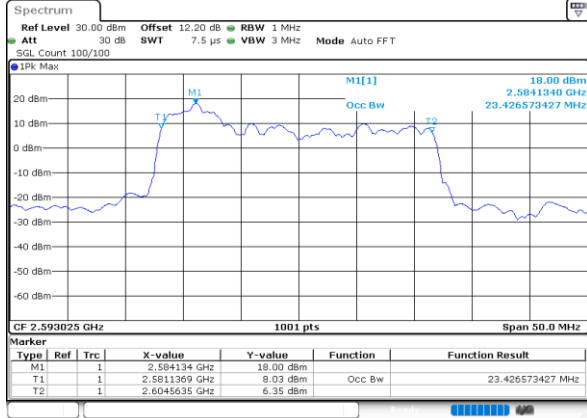
Date: 2.MAY.2023 19:24:28



LTE Band 41C

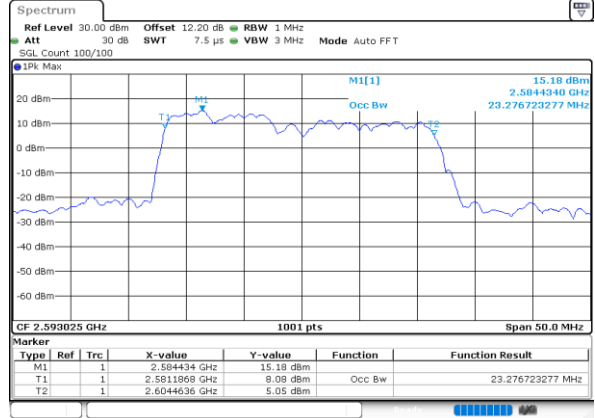
64QAM

Middle Channel / 5MHz+20MHz



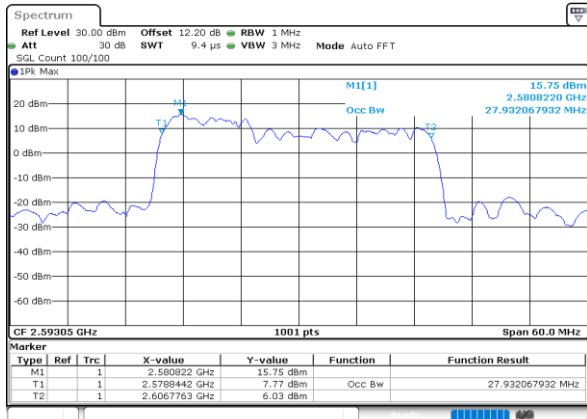
Date: 2.MAY.2023 18:24:57

Middle Channel / 10MHz+15MHz



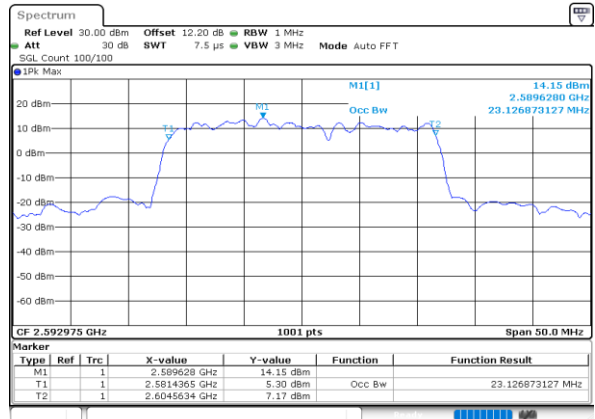
Date: 2.MAY.2023 18:35:00

Middle Channel / 10MHz+20MHz



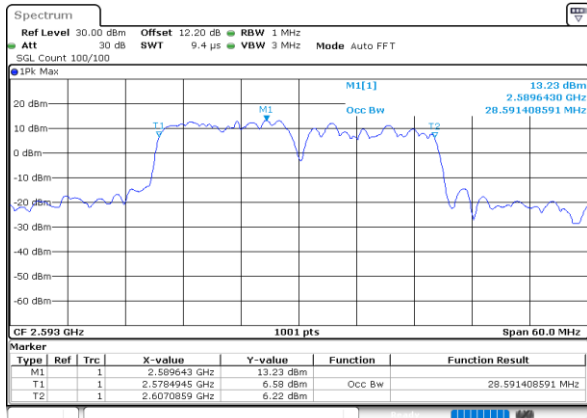
Date: 2.MAY.2023 18:45:02

Middle Channel / 15MHz+10MHz



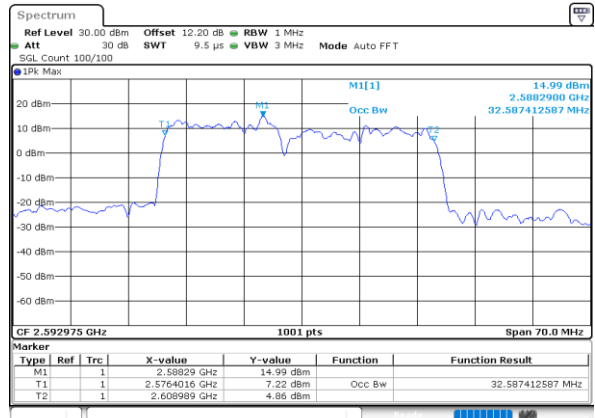
Date: 2.MAY.2023 18:40:01

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:54:50

Middle Channel / 15MHz+20MHz



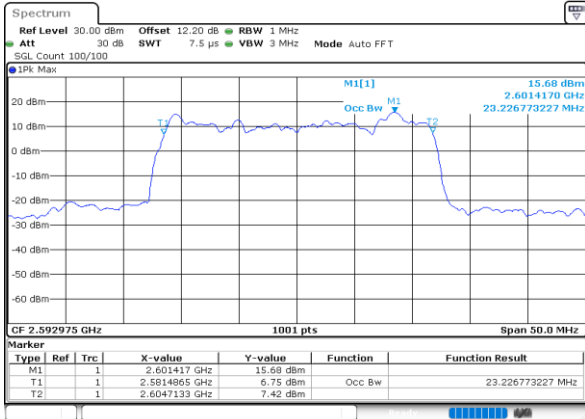
Date: 2.MAY.2023 18:59:31



LTE Band 41C

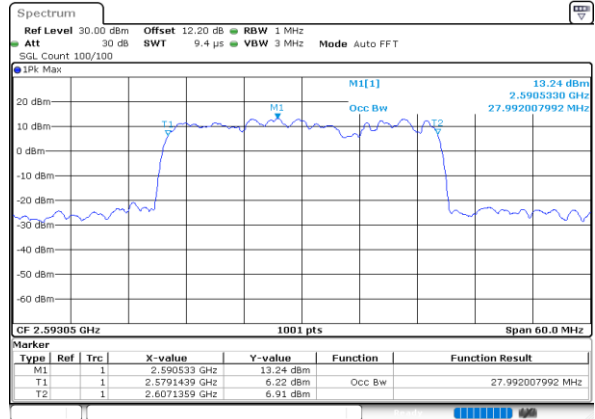
64QAM

Middle Channel / 20MHz+5MHz



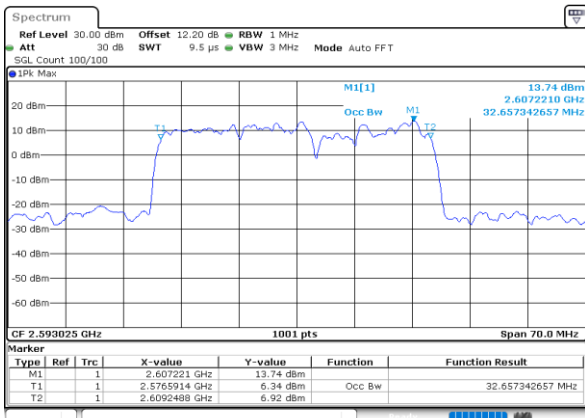
Date: 2.MAY.2023 18:29:58

Middle Channel / 20MHz+10MHz



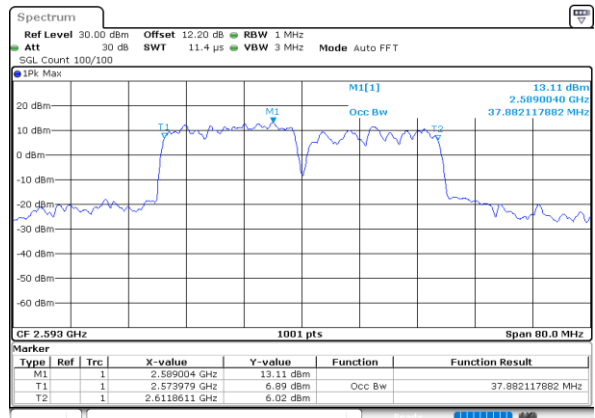
Date: 2.MAY.2023 18:50:03

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:04:42

Middle Channel / 20MHz+20MHz



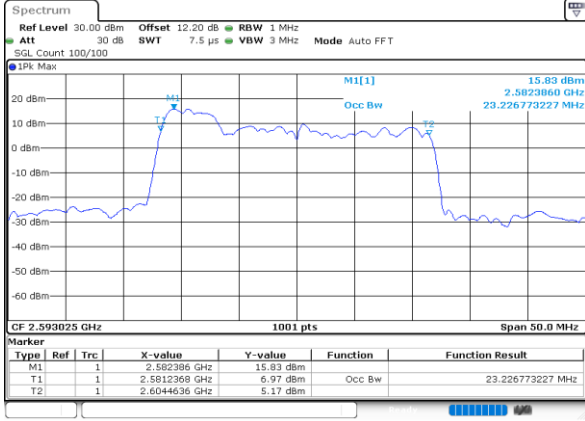
Date: 2.MAY.2023 19:24:59



LTE Band 41C

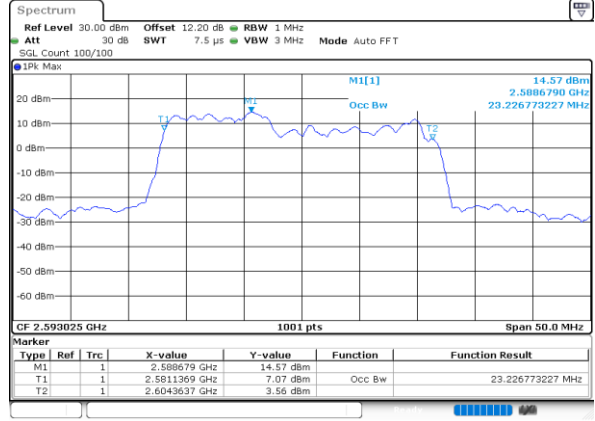
256QAM

Middle Channel / 5MHz+20MHz



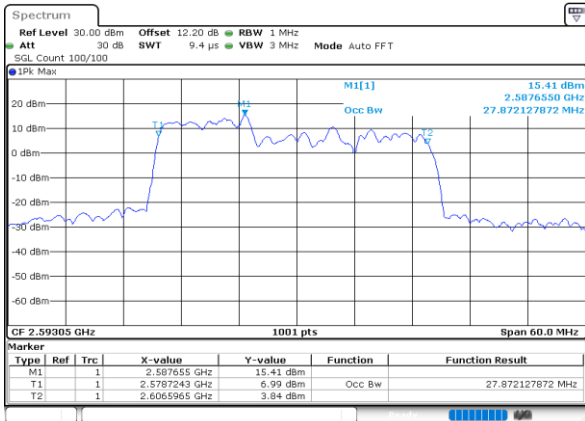
Date: 2.MAY.2023 18:25:33

Middle Channel / 10MHz+15MHz



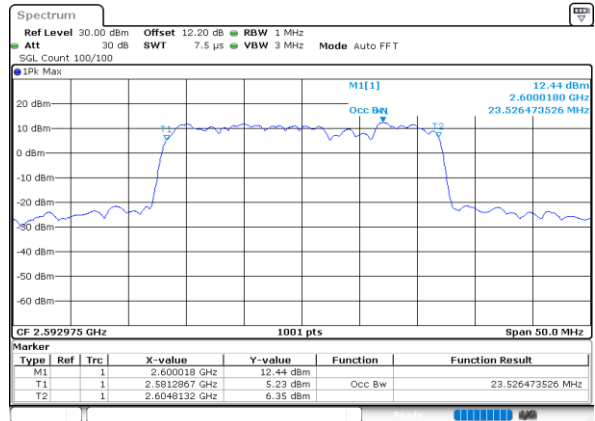
Date: 2.MAY.2023 18:35:36

Middle Channel / 10MHz+20MHz



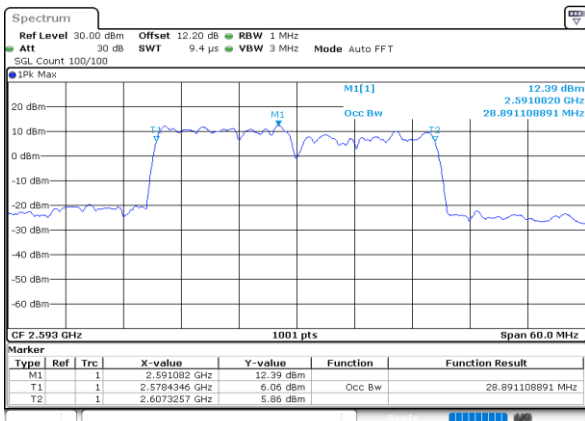
Date: 2.MAY.2023 18:45:39

Middle Channel / 15MHz+10MHz



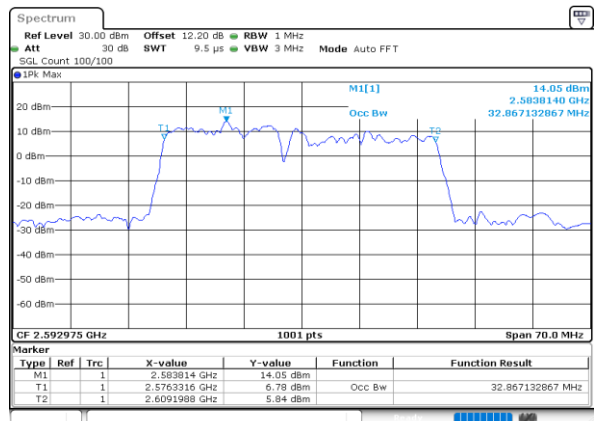
Date: 2.MAY.2023 18:40:37

Middle Channel / 15MHz+15MHz



Date: 2.MAY.2023 18:55:22

Middle Channel / 15MHz+20MHz



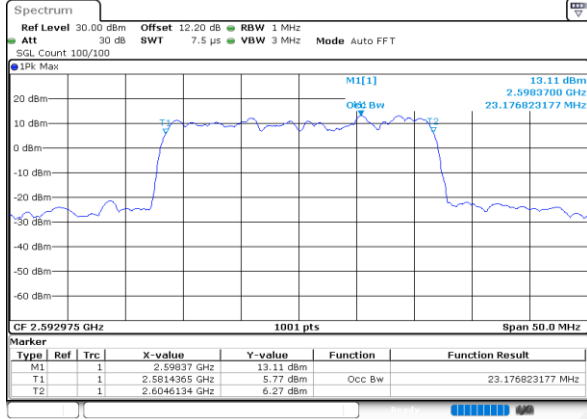
Date: 2.MAY.2023 19:00:08



LTE Band 41C

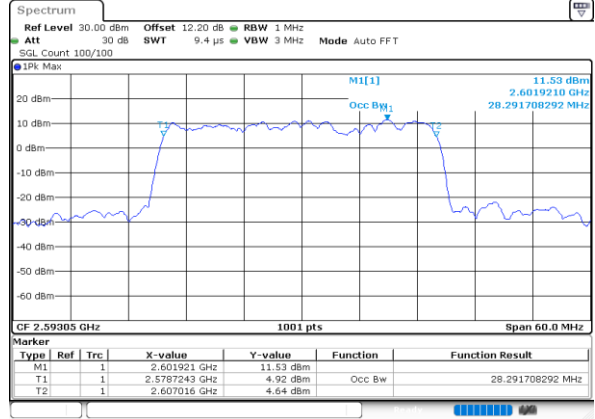
256QAM

Middle Channel / 20MHz+5MHz



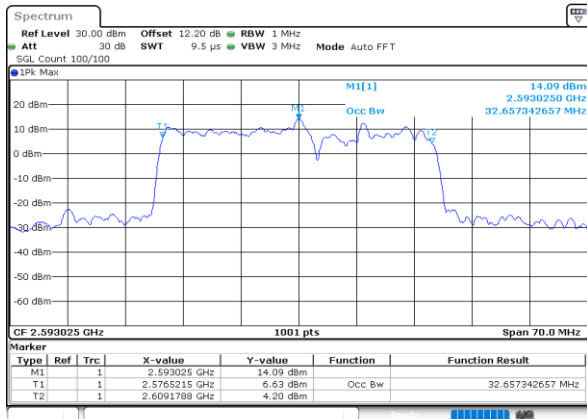
Date: 2.MAY.2023 18:30:35

Middle Channel / 20MHz+10MHz



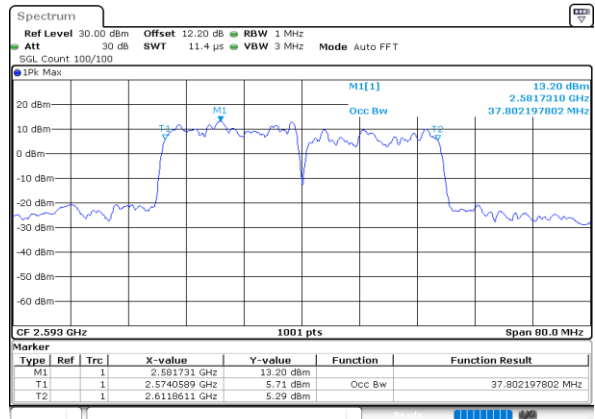
Date: 2.MAY.2023 18:50:40

Middle Channel / 20MHz+15MHz



Date: 2.MAY.2023 19:05:19

Middle Channel / 20MHz+20MHz



Date: 2.MAY.2023 19:25:31



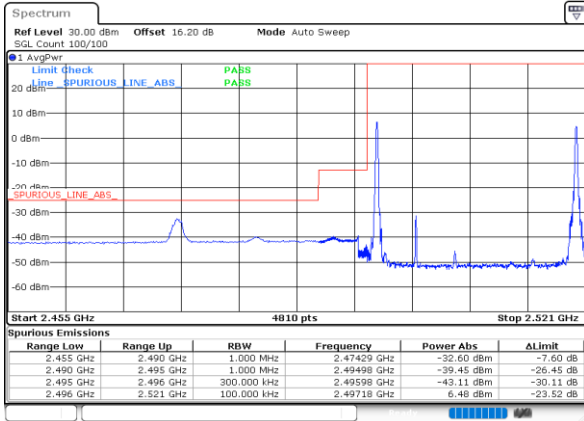
Conducted Band Edge



LTE Band 41C / 5MHz+20MHz

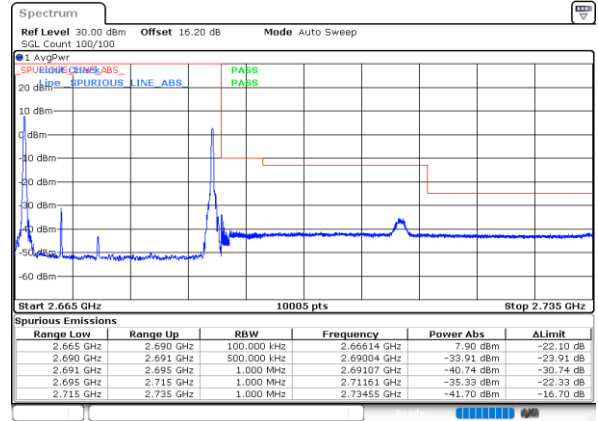
QPSK

Lowest Band Edge / 1RB0 and 1RB99



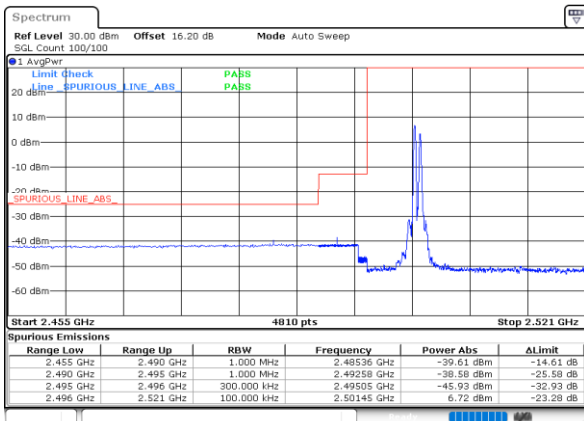
Date: 26.APR.2023 13:24:44

Highest Band Edge / 1RB0 and 1RB99



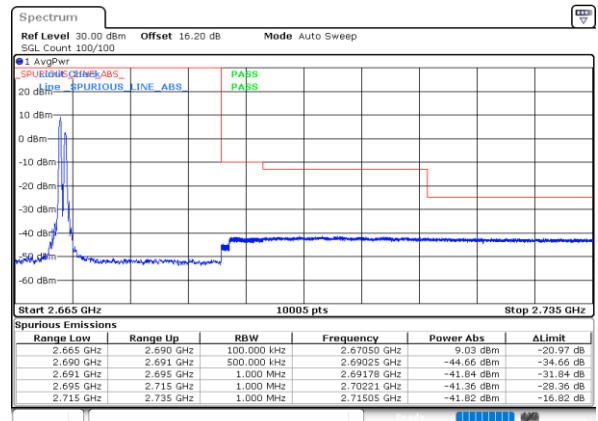
Date: 26.APR.2023 13:32:43

Lowest Band Edge / 1RB24 and 1RB0



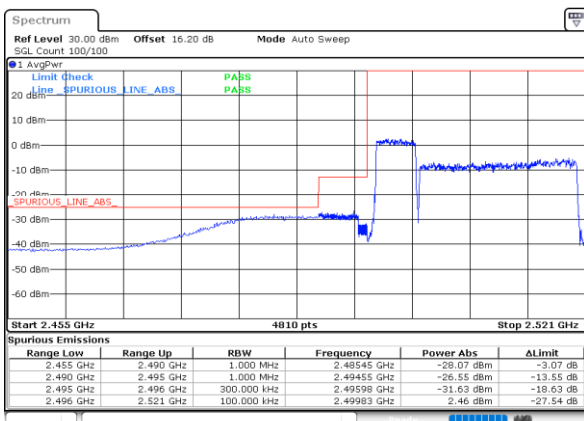
Date: 26.APR.2023 13:25:51

Highest Band Edge / 1RB24 and 1RB0



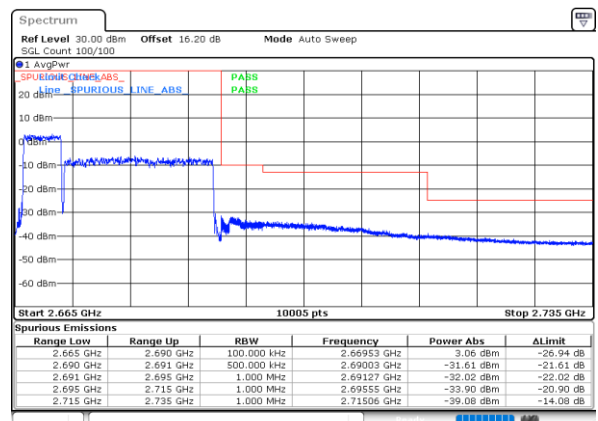
Date: 26.APR.2023 13:38:20

Lowest Band Edge / Full RB



Date: 26.APR.2023 13:19:03

Highest Band Edge / Full RB



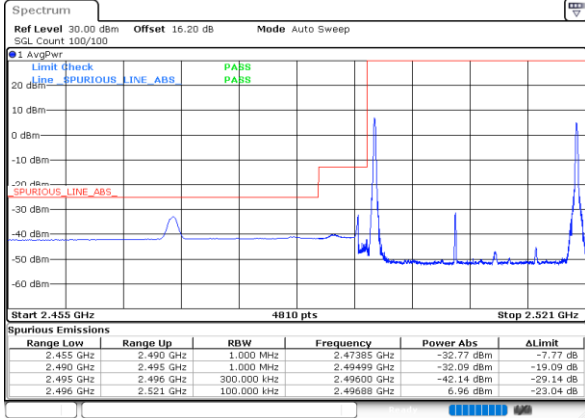
Date: 26.APR.2023 13:31:36



LTE Band 41C / 10MHz+15MHz

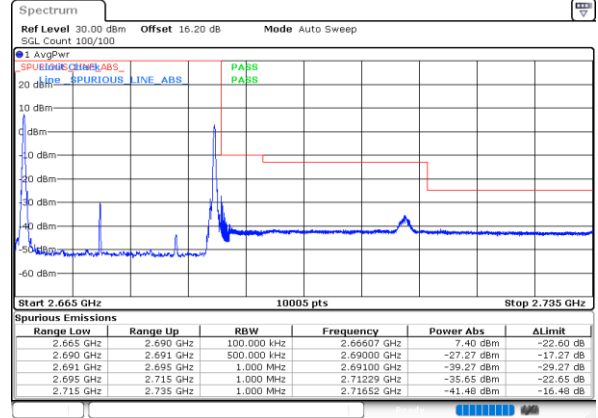
QPSK

Lowest Band Edge / 1RB0 and 1RB74



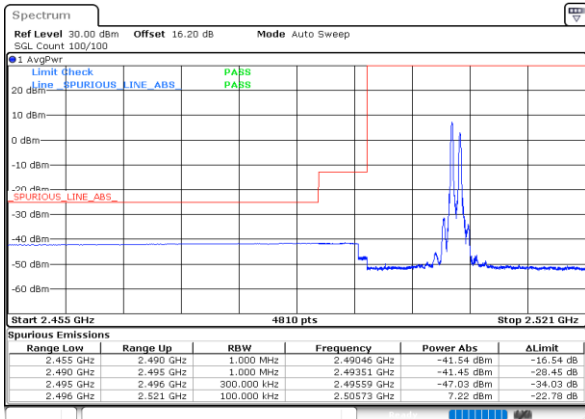
Date: 26.APR.2023 14:05:41

Highest Band Edge / 1RB0 and 1RB74



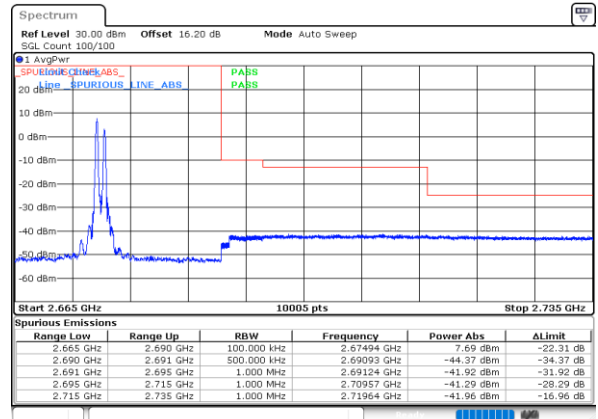
Date: 26.APR.2023 14:13:38

Lowest Band Edge / 1RB49 and 1RB0



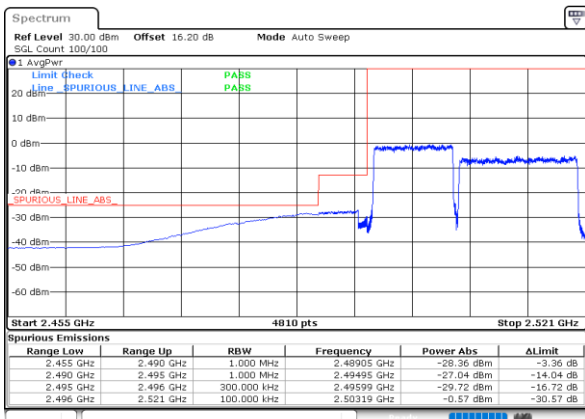
Date: 26.APR.2023 14:06:48

Highest Band Edge / 1RB49 and 1RB0



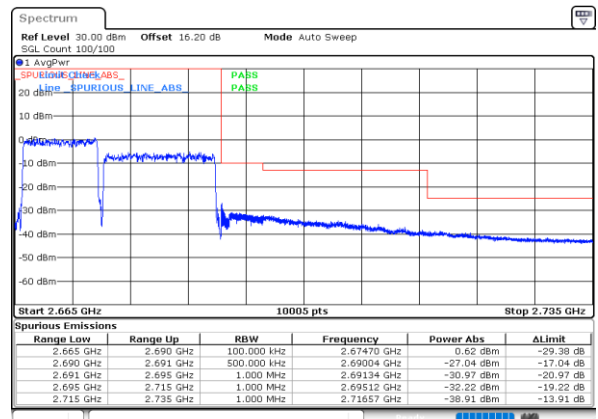
Date: 26.APR.2023 14:19:16

Lowest Band Edge / Full RB



Date: 26.APR.2023 14:00:06

Highest Band Edge / Full RB



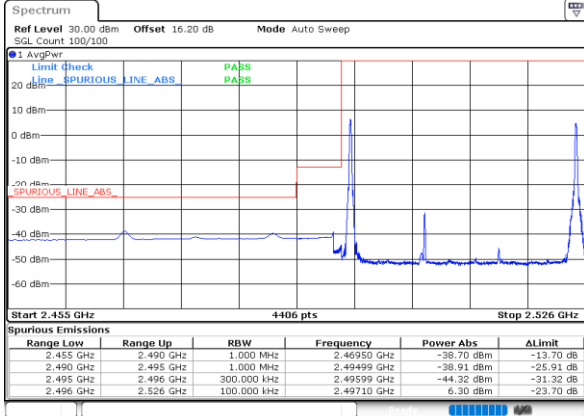
Date: 26.APR.2023 14:12:30



LTE Band 41C / 10MHz+20MHz

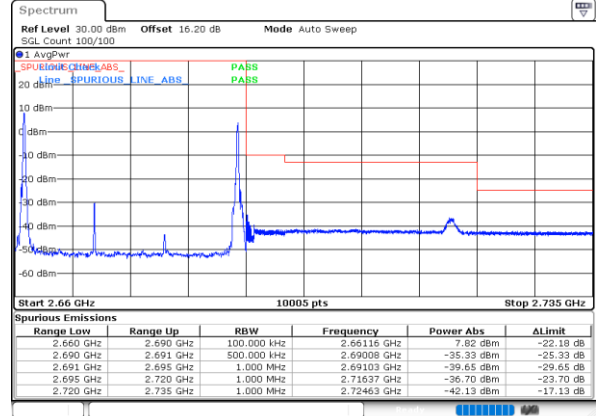
QPSK

Lowest Band Edge / 1RB0 and 1RB9



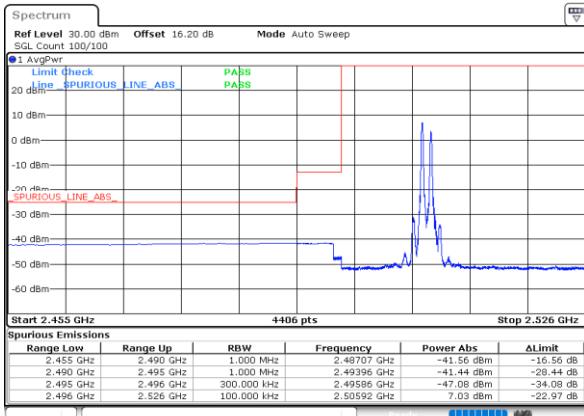
Date: 26.APR.2023 15:53:17

Highest Band Edge / 1RB0 and 1RB9



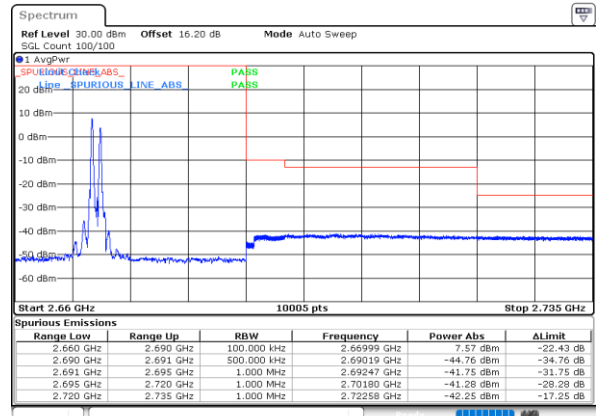
Date: 26.APR.2023 16:01:19

Lowest Band Edge / 1RB49 and 1RB0



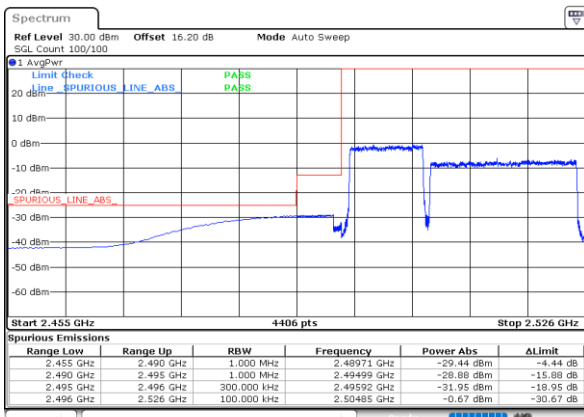
Date: 26.APR.2023 15:54:25

Highest Band Edge / 1RB49 and 1RB0



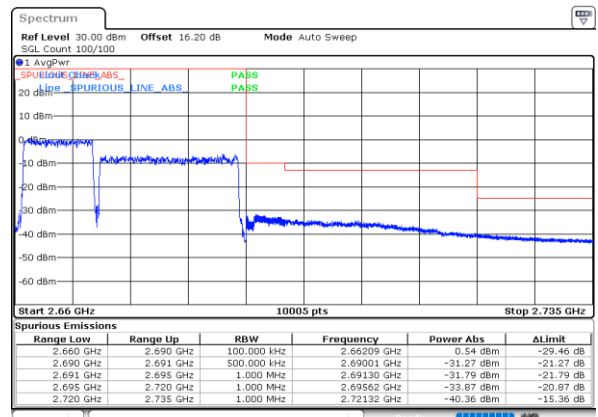
Date: 26.APR.2023 16:06:57

Lowest Band Edge / Full RB



Date: 26.APR.2023 15:47:37

Highest Band Edge / Full RB



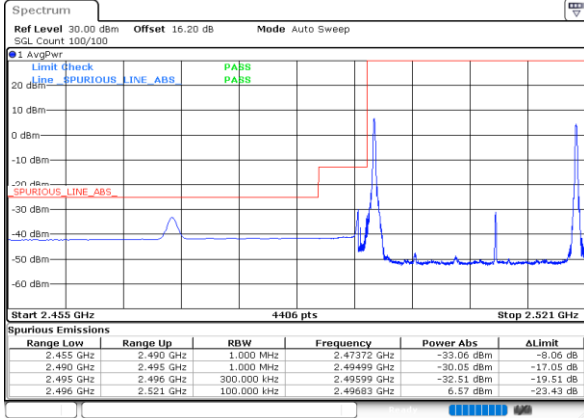
Date: 26.APR.2023 16:00:11



LTE Band 41C / 15MHz+10MHz

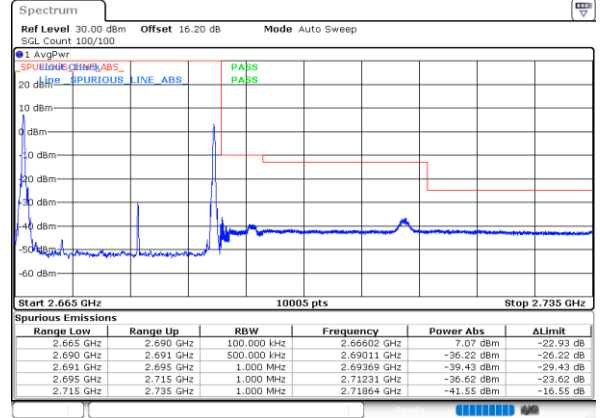
QPSK

Lowest Band Edge / 1RB0 and 1RB49



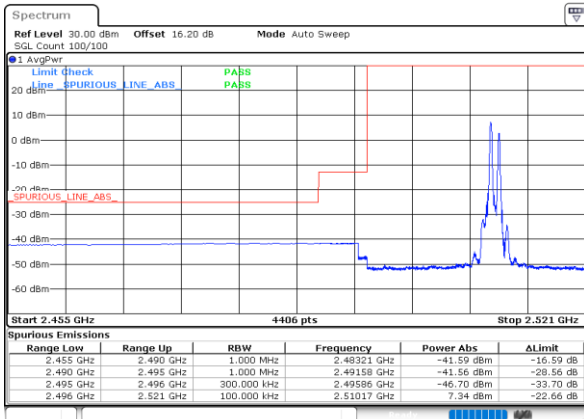
Date: 26.APR.2023 15:32:17

Highest Band Edge / 1RB0 and 1RB49



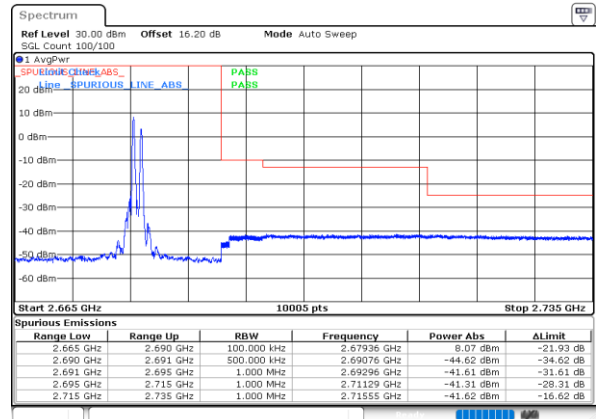
Date: 26.APR.2023 15:40:38

Lowest Band Edge / 1RB74 and 1RB0



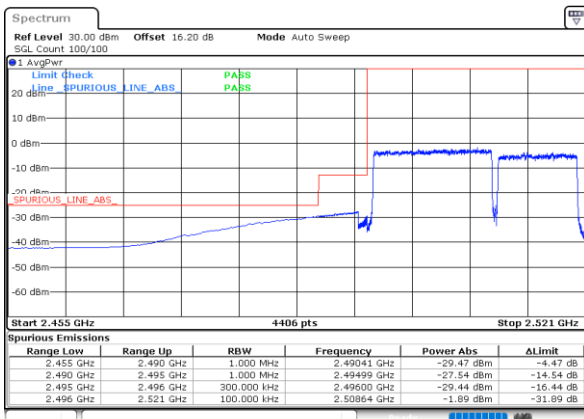
Date: 26.APR.2023 15:33:45

Highest Band Edge / 1RB74 and 1RB0



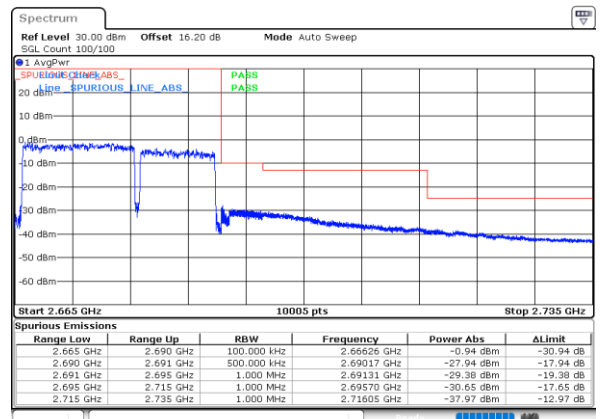
Date: 26.APR.2023 15:46:17

Lowest Band Edge / Full RB



Date: 26.APR.2023 14:20:33

Highest Band Edge / Full RB



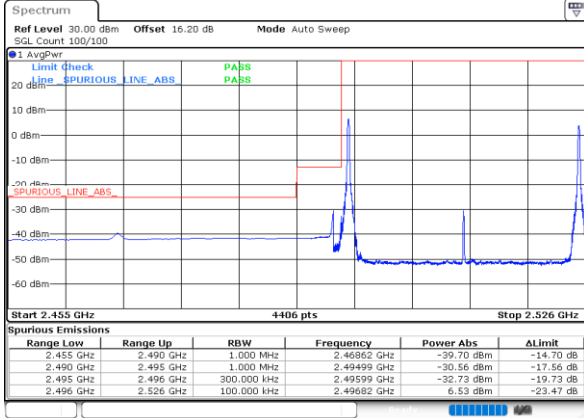
Date: 26.APR.2023 15:13:31



LTE Band 41C / 15MHz+15MHz

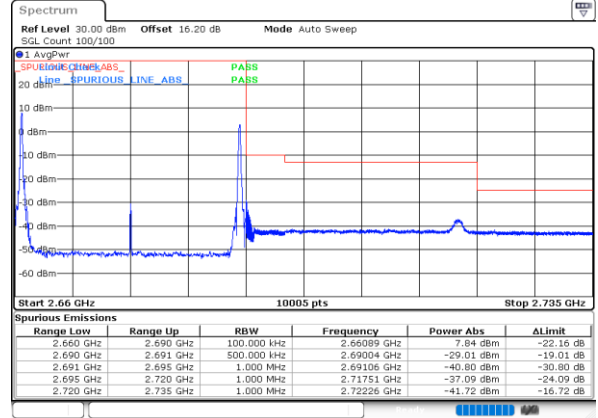
QPSK

Lowest Band Edge / 1RB0 and 1RB74



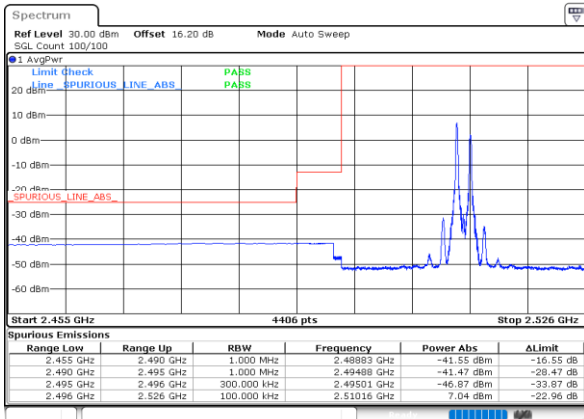
Date: 26.APR.2023 16:34:03

Highest Band Edge / 1RB0 and 1RB74



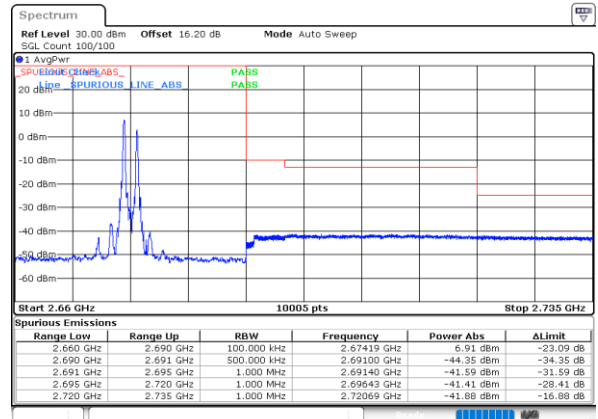
Date: 26.APR.2023 16:41:31

Lowest Band Edge / 1RB74 and 1RB0



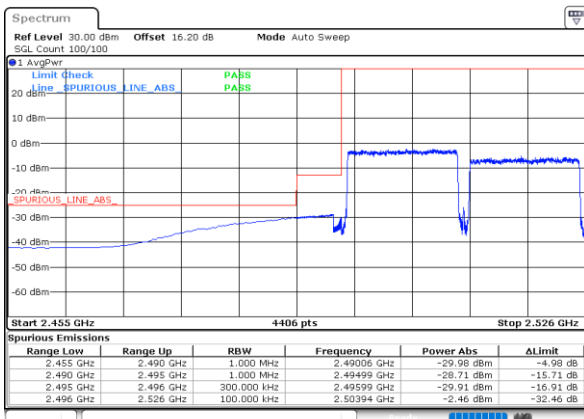
Date: 26.APR.2023 16:35:06

Highest Band Edge / 1RB74 and 1RB0



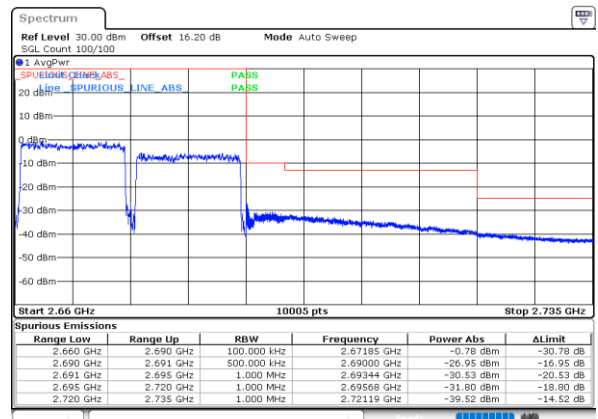
Date: 26.APR.2023 16:46:45

Lowest Band Edge / Full RB



Date: 26.APR.2023 16:28:47

Highest Band Edge / Full RB



Date: 26.APR.2023 16:40:28