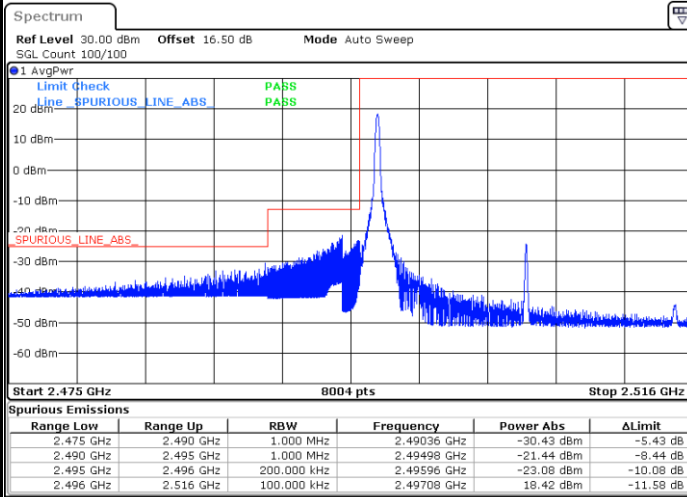




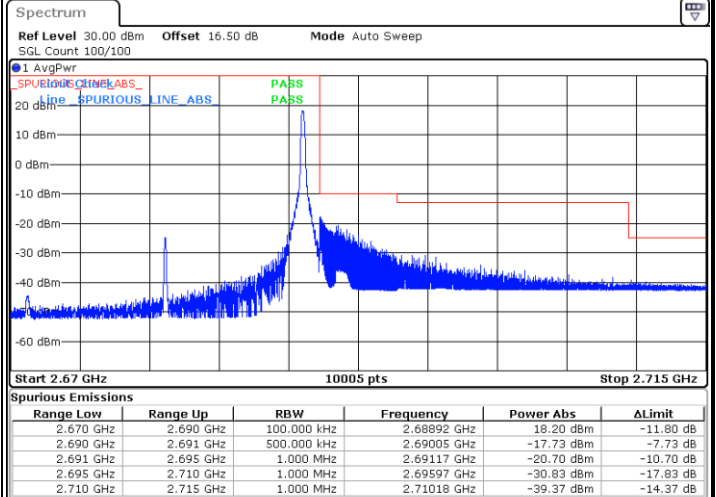
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



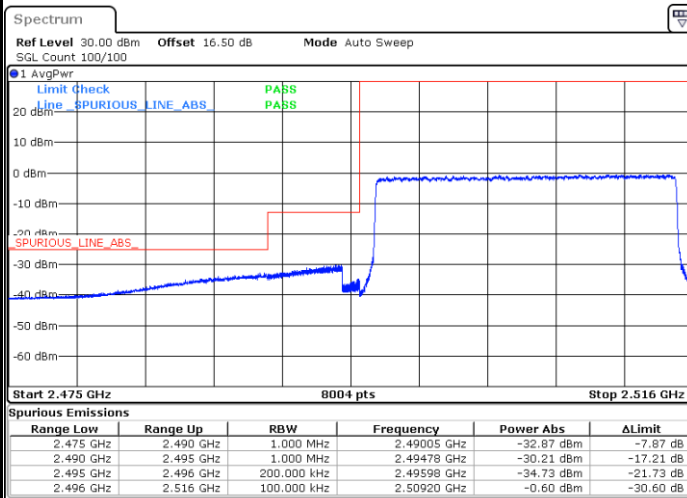
Date: 21.JUN.2022 16:59:02

Highest Band Edge / 1 RB



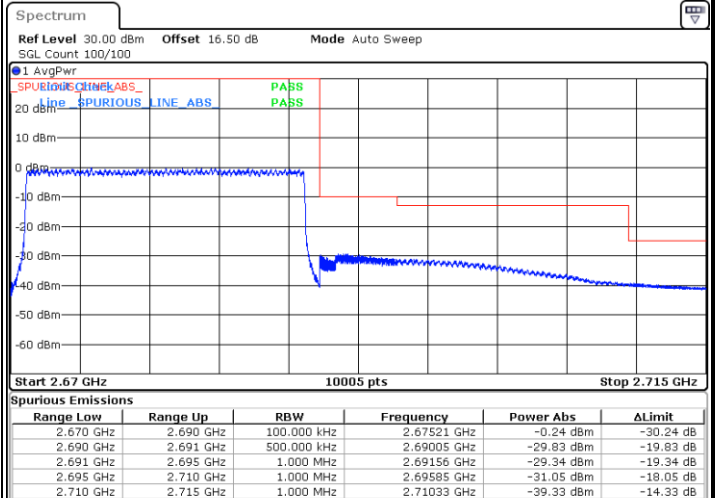
Date: 21.JUN.2022 17:01:05

Lowest Band Edge / Full RB



Date: 21.JUN.2022 16:59:56

Highest Band Edge / Full RB



Date: 21.JUN.2022 17:01:59

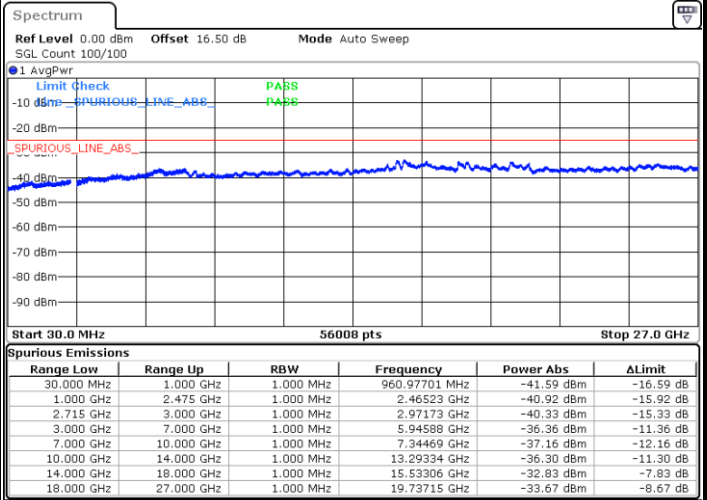
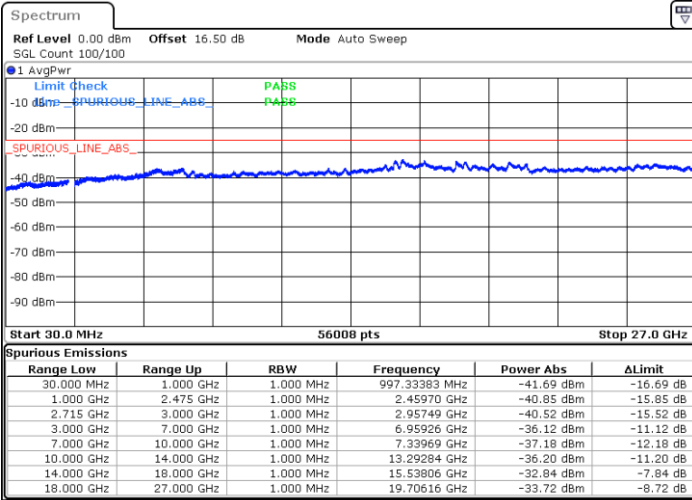


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

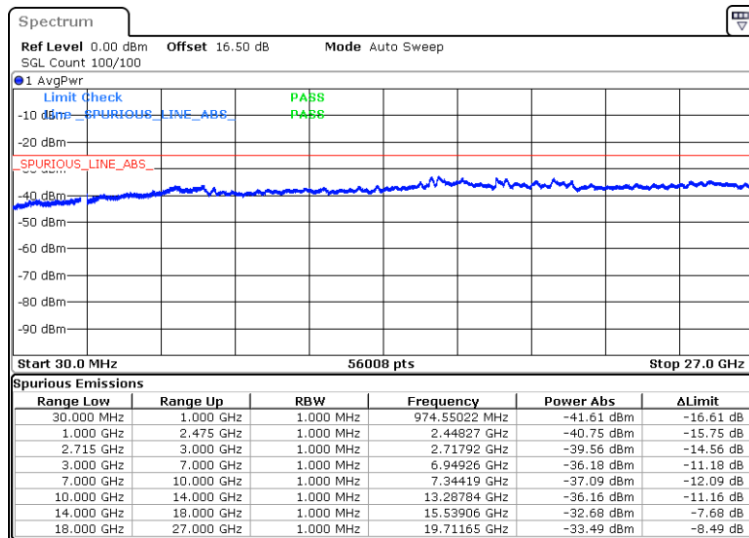
Middle Channel / QPSK



Date: 21.JUN.2022 14:59:06

Date: 21.JUN.2022 15:00:15

Highest Channel / QPSK



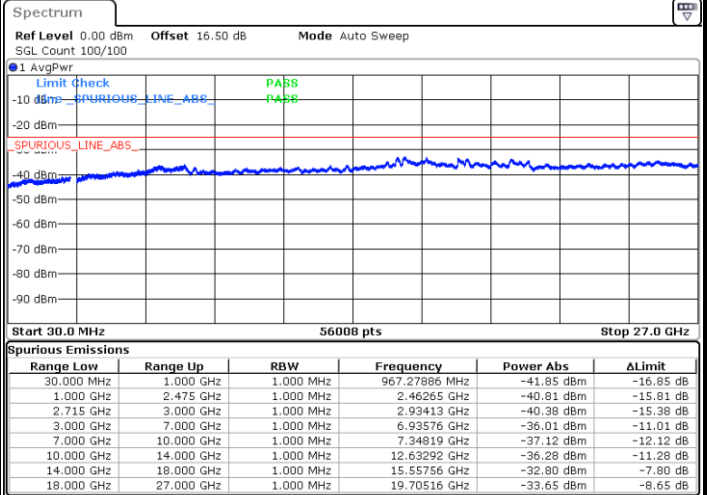
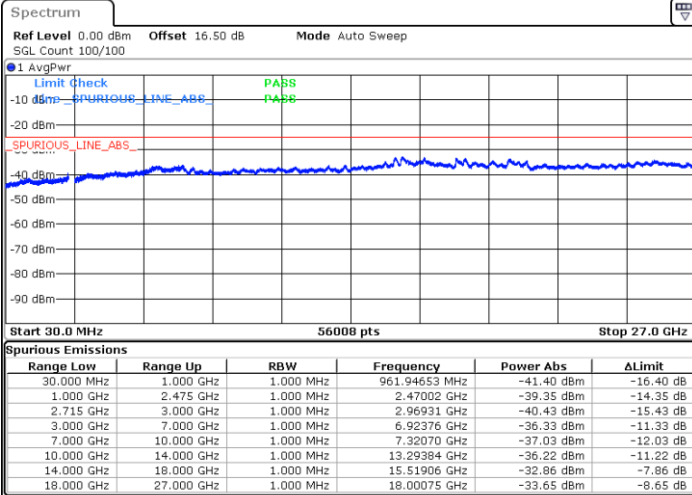
Date: 21.JUN.2022 15:01:24



LTE Band 41 / 10MHz

Lowest Channel / QPSK

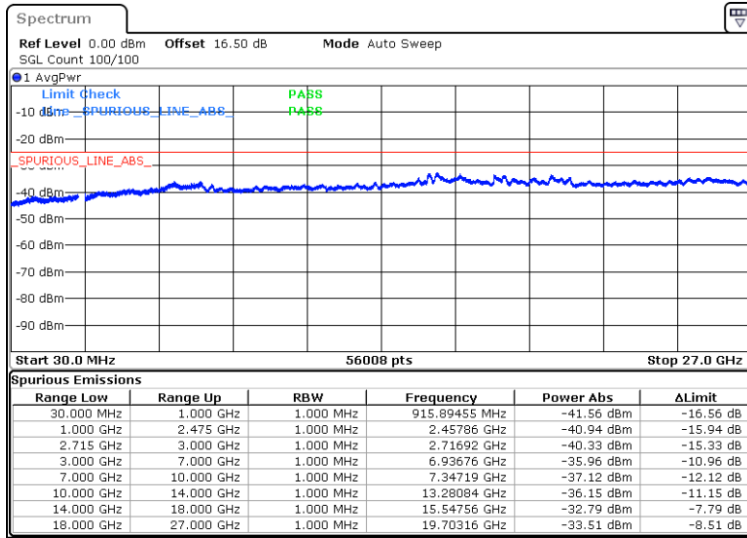
Middle Channel / QPSK



Date: 21.JUN.2022 15:17:23

Date: 21.JUN.2022 15:18:32

Highest Channel / QPSK



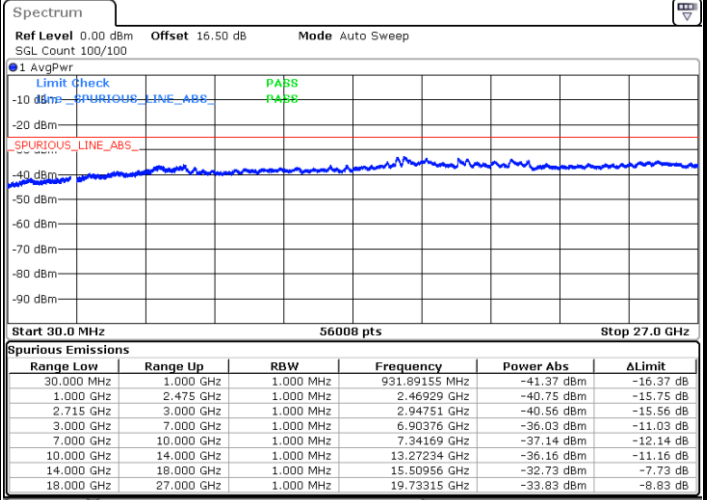
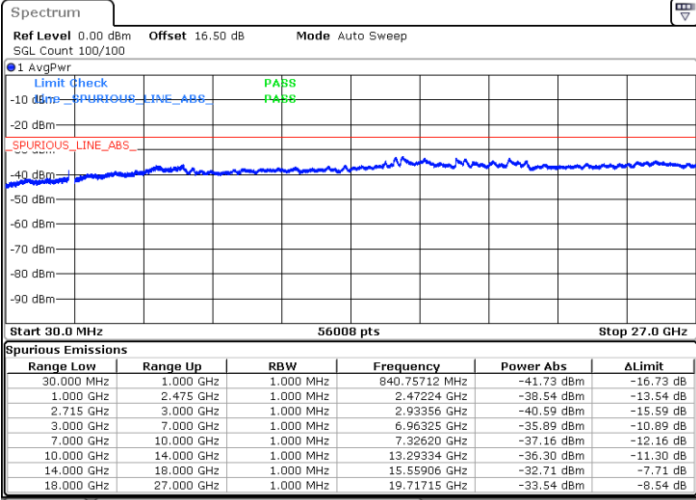
Date: 21.JUN.2022 15:19:42



LTE Band 41 / 15MHz

Lowest Channel / QPSK

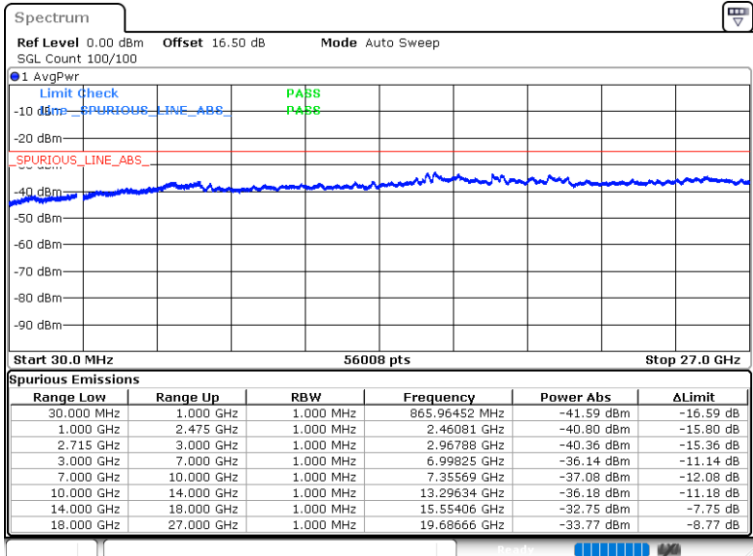
Middle Channel / QPSK



Date: 21.JUN.2022 15:35:41

Date: 21.JUN.2022 15:36:50

Highest Channel / QPSK



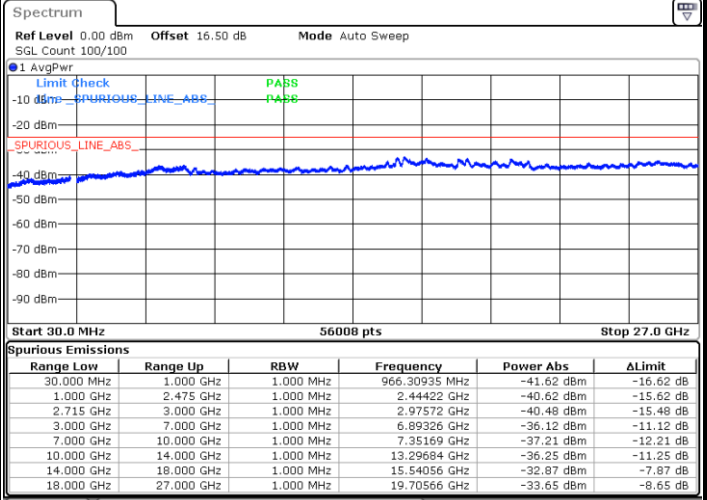
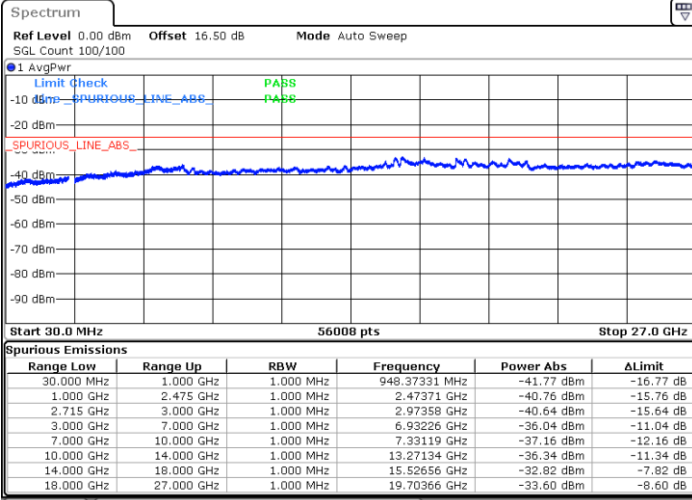
Date: 21.JUN.2022 15:37:59



LTE Band 41 / 20MHz

Lowest Channel / QPSK

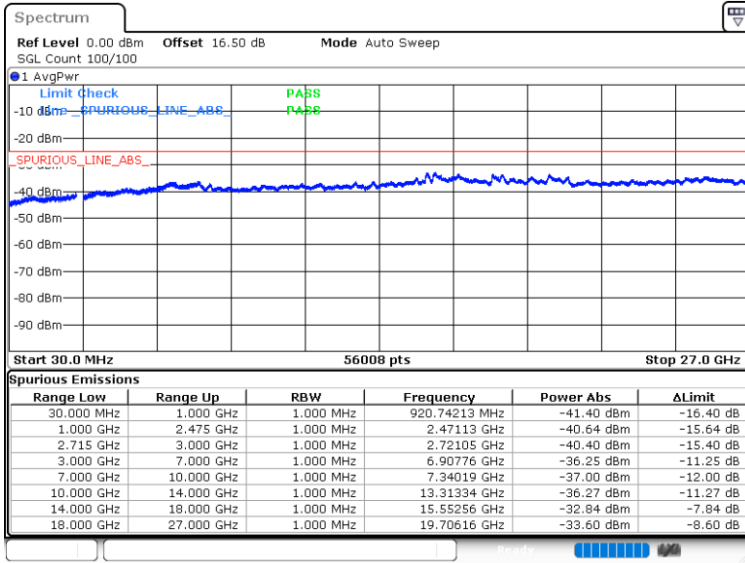
Middle Channel / QPSK



Date: 21.JUN.2022 15:53:59

Date: 21.JUN.2022 15:55:08

Highest Channel / QPSK



Date: 21.JUN.2022 15:56:17



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	0.0007	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.2 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	24.78	25.03	29.91	25.08	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.04	24.93	30.03	35.04	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.68	24.88	29.79	25.08	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.88	30.27	34.83	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	24.93	29.85	25.03	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.69	24.88	29.97	34.83	39.80

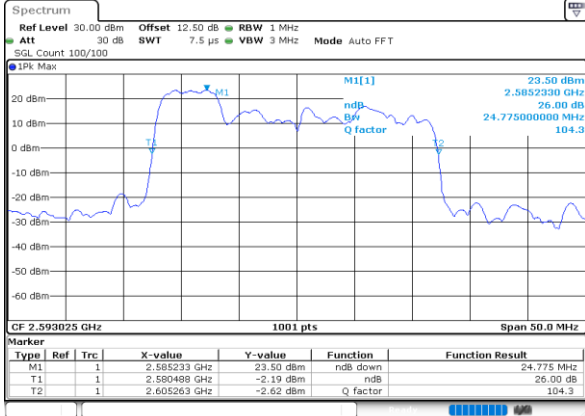
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.03	29.91	25.13	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	24.78	30.03	34.76	39.48



LTE Band 41C

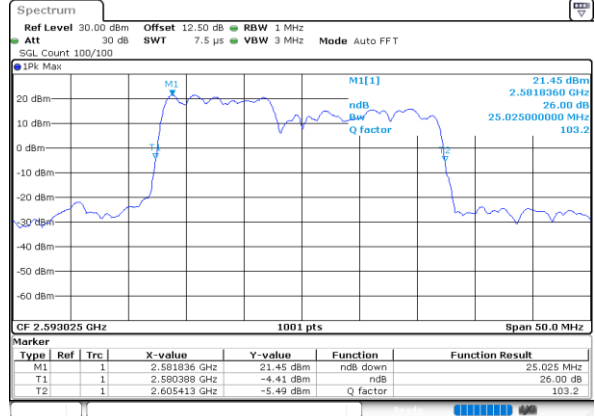
QPSK

Middle Channel / 5MHz+20MHz



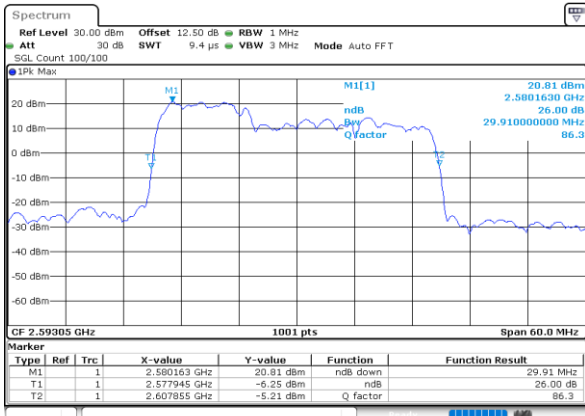
Date: 27_JUL_2022 17:35:13

Middle Channel / 10MHz+15MHz



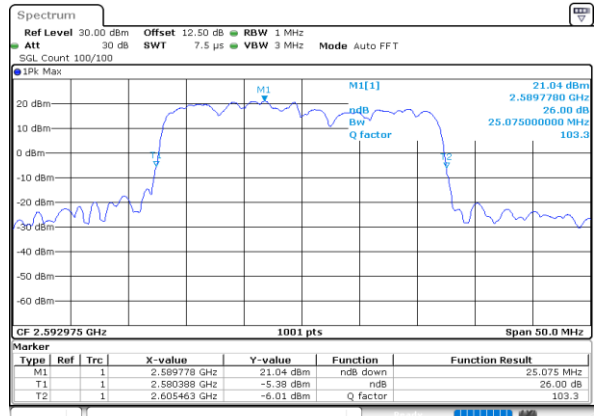
Date: 27_JUL_2022 17:44:03

Middle Channel / 10MHz+20MHz



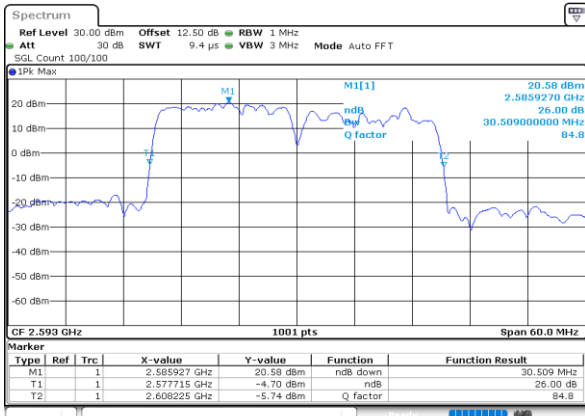
Date: 27_JUL_2022 18:00:13

Middle Channel / 15MHz+10MHz



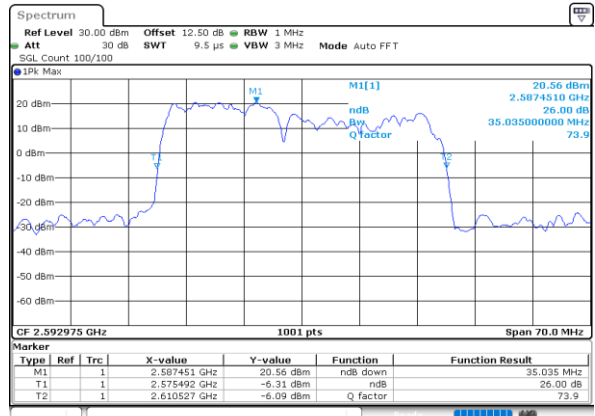
Date: 27_JUL_2022 17:55:19

Middle Channel / 15MHz+15MHz



Date: 27_JUL_2022 18:50:10

Middle Channel / 15MHz+20MHz

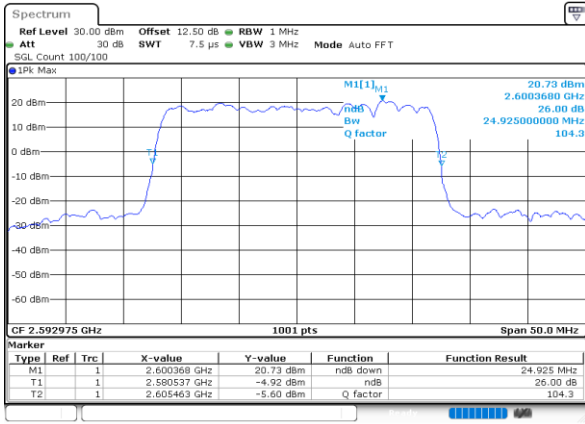


Date: 27_JUL_2022 18:52:16



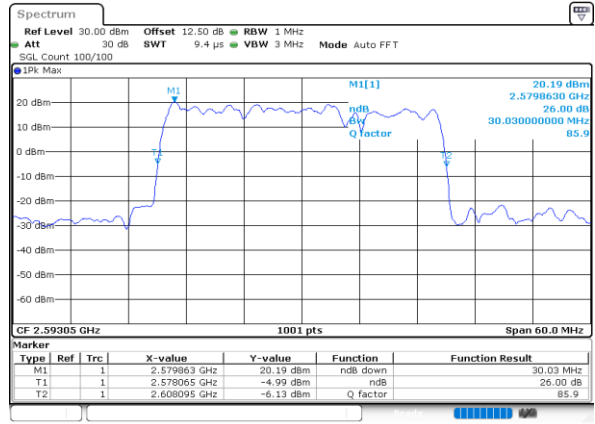
LTE Band 41C

Middle Channel / 20MHz+5MHz



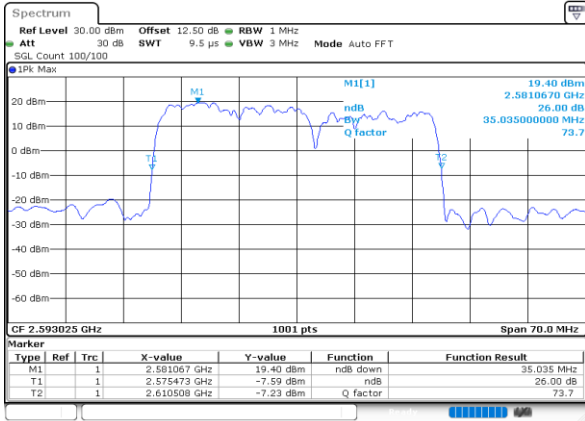
Date: 27.JUL.2022 17:40:46

Middle Channel / 20MHz+10MHz



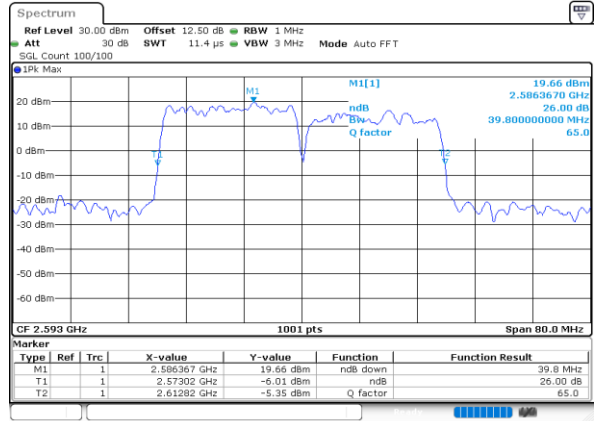
Date: 27.JUL.2022 18:19:35

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 18:55:56

Middle Channel / 20MHz+20MHz

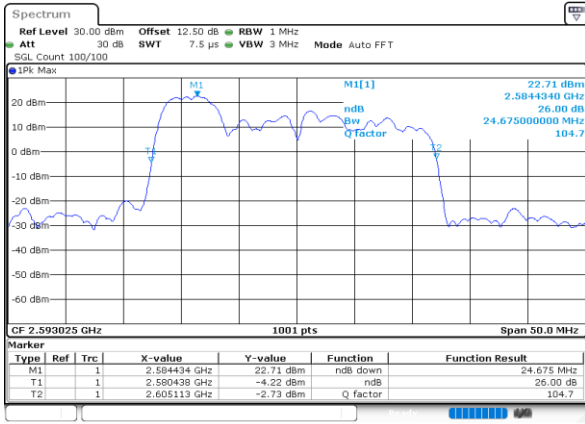


Date: 27.JUL.2022 19:00:45



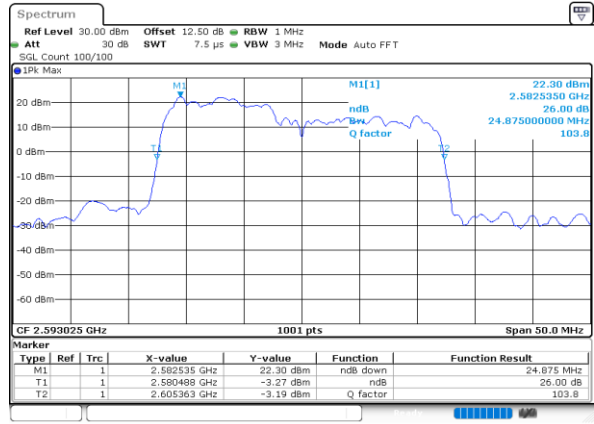
LTE Band 41C

Middle Channel / 5MHz+20MHz



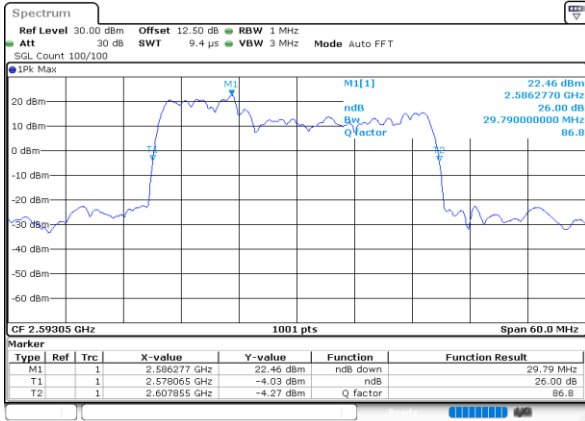
Date: 27.JUL.2022 17:35:51

Middle Channel / 10MHz+15MHz



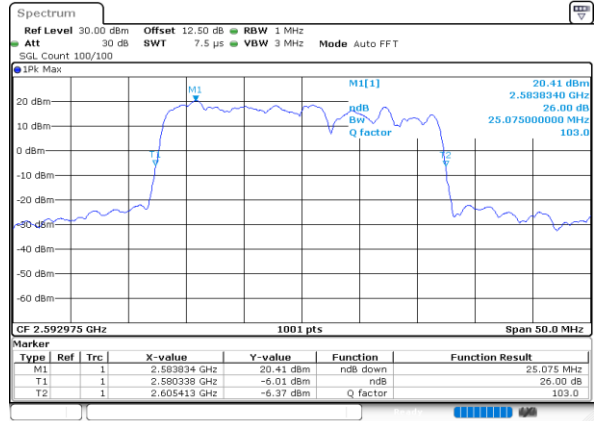
Date: 27.JUL.2022 17:44:41

Middle Channel / 10MHz+20MHz



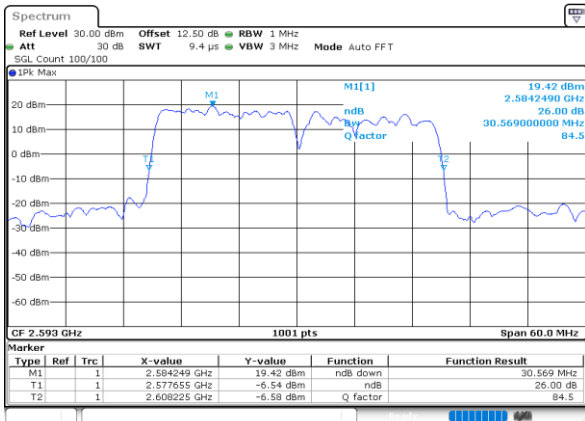
Date: 27.JUL.2022 18:01:10

Middle Channel / 15MHz+10MHz



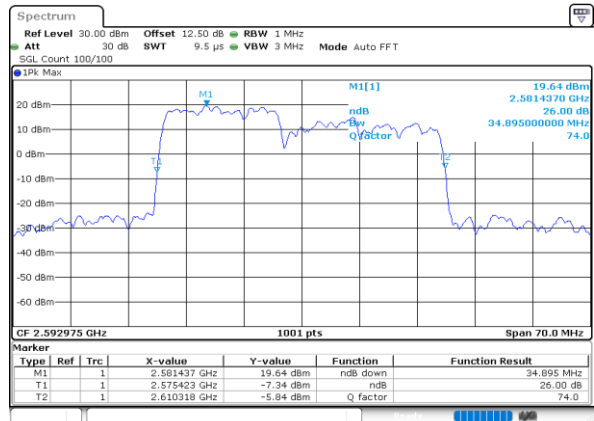
Date: 27.JUL.2022 17:56:17

Middle Channel / 15MHz+15MHz



Date: 27.JUL.2022 18:50:44

Middle Channel / 15MHz+20MHz



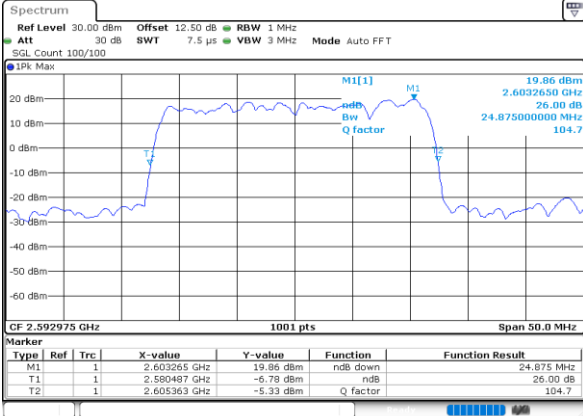
Date: 27.JUL.2022 18:53:15



LTE Band 41C

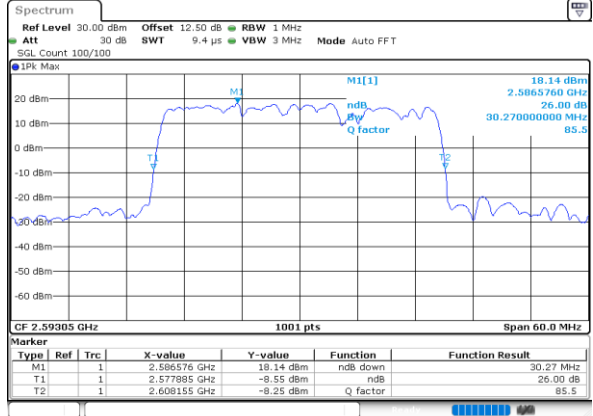
16QAM

Middle Channel / 20MHz+5MHz



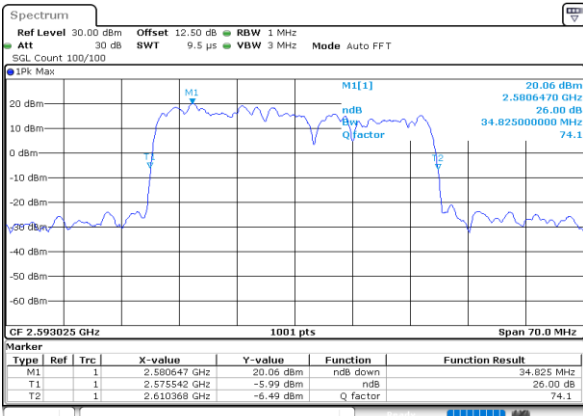
Date: 27.JUL.2022 17:41:26

Middle Channel / 20MHz+10MHz



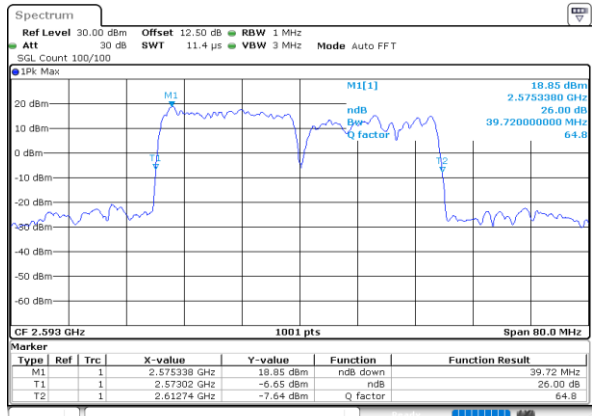
Date: 27.JUL.2022 18:20:13

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 18:56:34

Middle Channel / 20MHz+20MHz



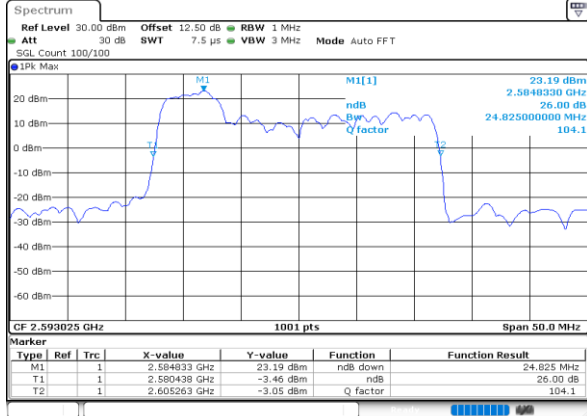
Date: 27.JUL.2022 20:19:13



LTE Band 41C

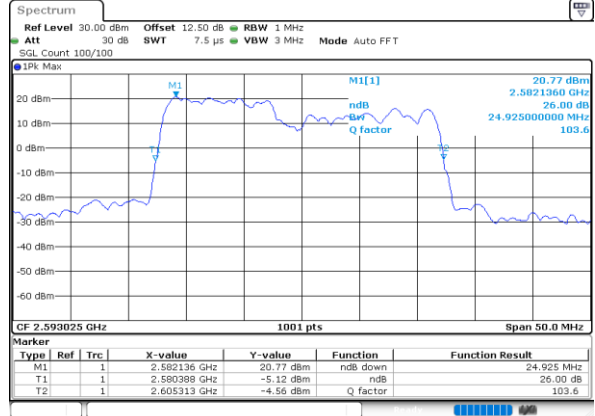
64QAM

Middle Channel / 5MHz+20MHz



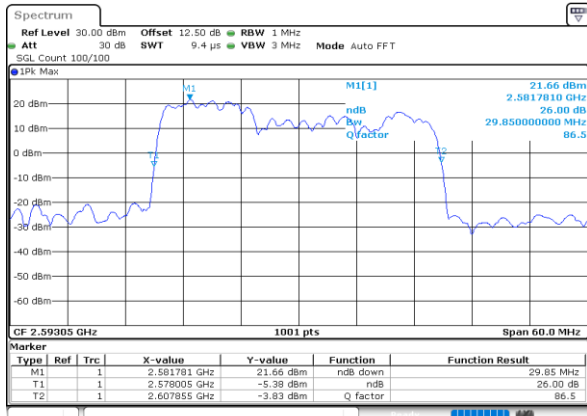
Date: 27_JUL_2022 17:36:29

Middle Channel / 10MHz+15MHz



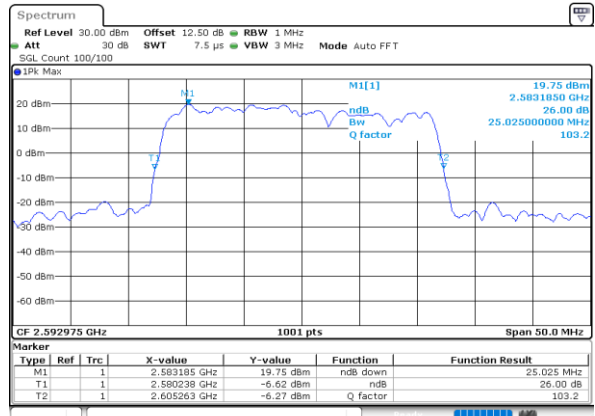
Date: 27_JUL_2022 17:45:20

Middle Channel / 10MHz+20MHz



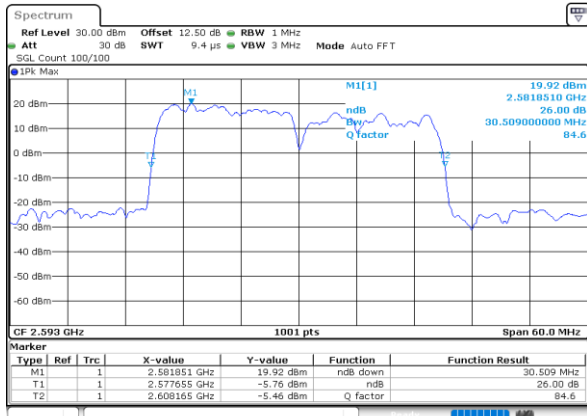
Date: 27_JUL_2022 18:01:49

Middle Channel / 15MHz+10MHz



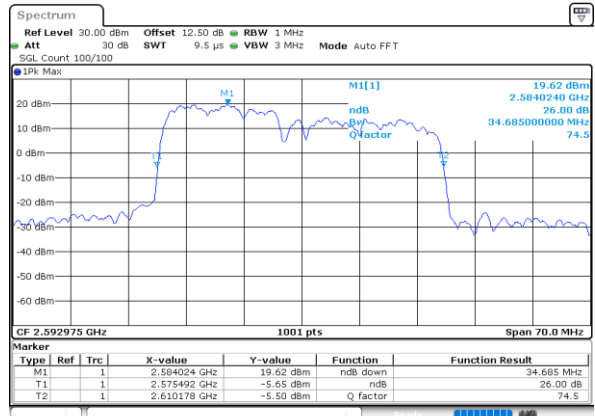
Date: 27_JUL_2022 17:45:16

Middle Channel / 15MHz+15MHz



Date: 27_JUL_2022 18:51:17

Middle Channel / 15MHz+20MHz



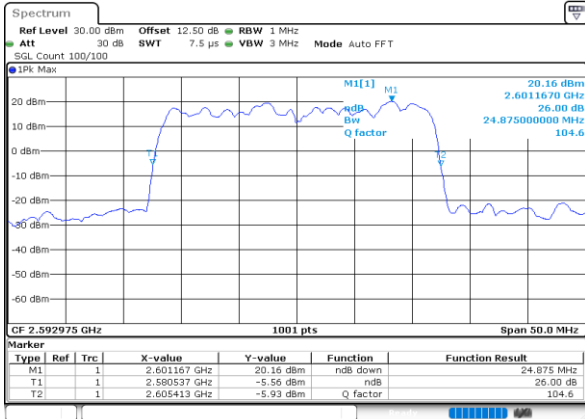
Date: 27_JUL_2022 18:53:53



LTE Band 41C

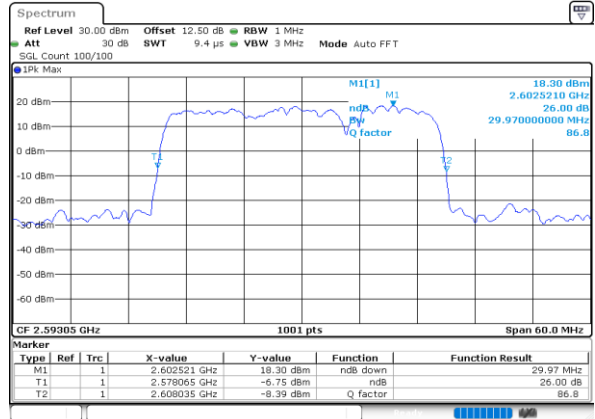
64QAM

Middle Channel / 20MHz+5MHz



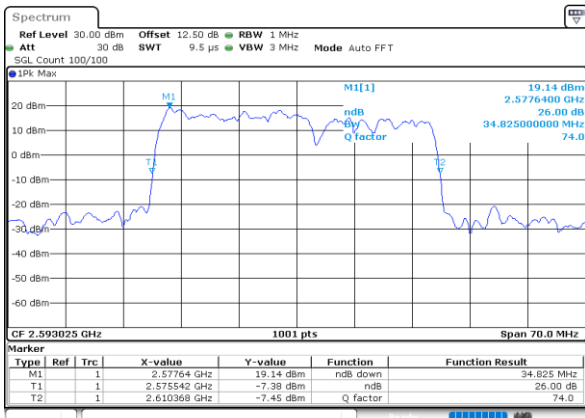
Date: 27.JUL.2022 17:42:04

Middle Channel / 20MHz+10MHz



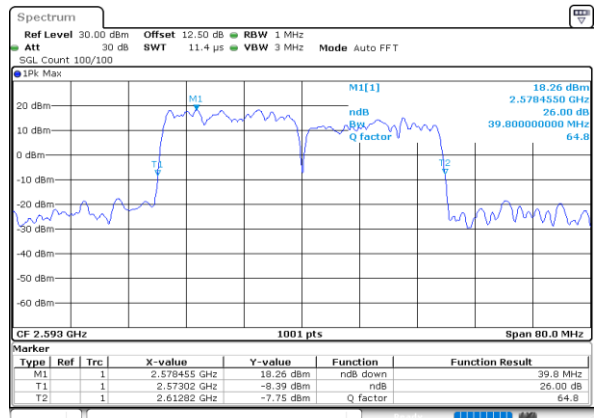
Date: 27.JUL.2022 18:20:52

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 18:57:12

Middle Channel / 20MHz+20MHz



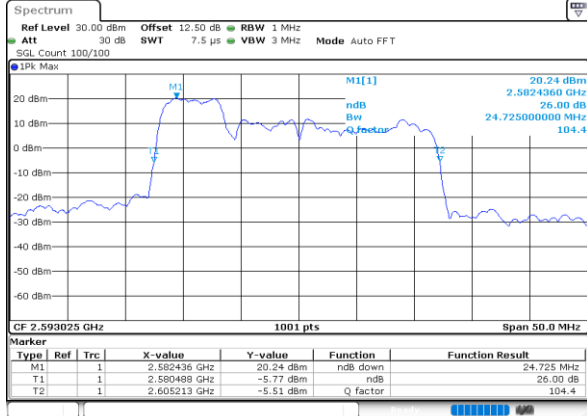
Date: 27.JUL.2022 19:01:51



LTE Band 41C

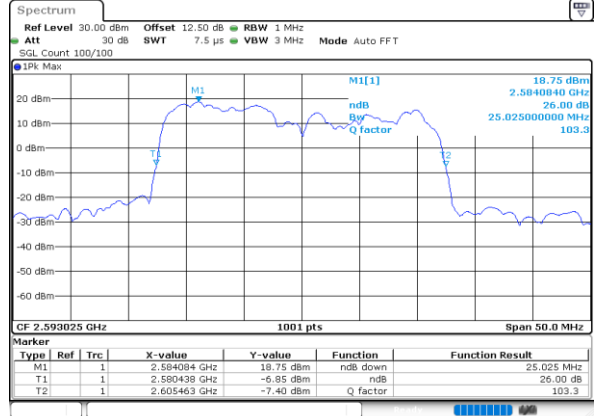
256QAM

Middle Channel / 5MHz+20MHz



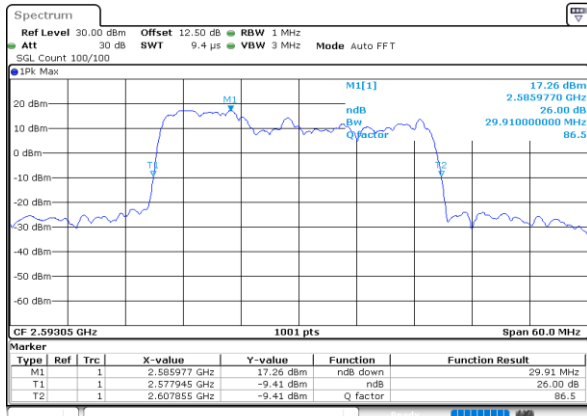
Date: 27_JUL_2022 17:40:00

Middle Channel / 10MHz+15MHz



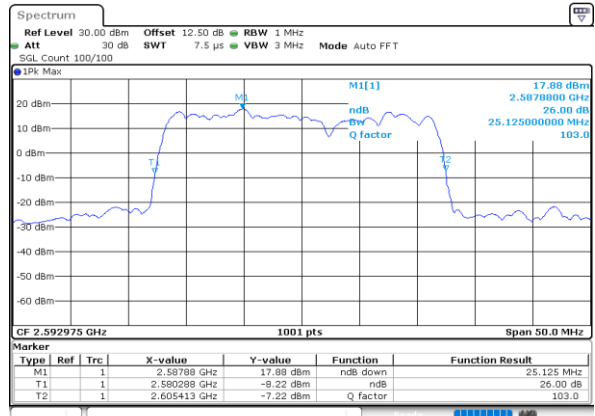
Date: 27_JUL_2022 17:54:52

Middle Channel / 10MHz+20MHz



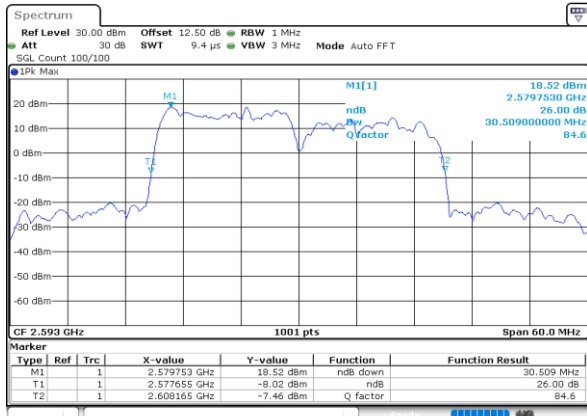
Date: 27_JUL_2022 19:14:09

Middle Channel / 15MHz+10MHz



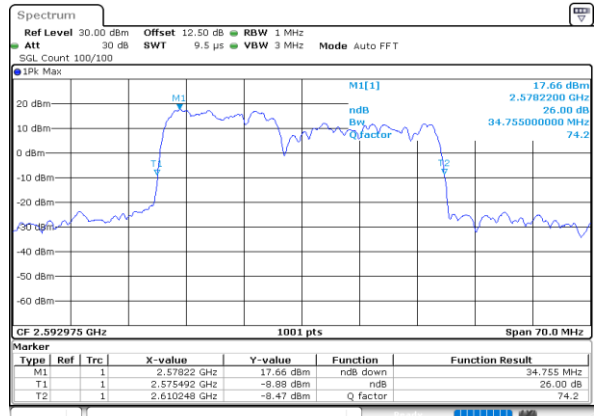
Date: 27_JUL_2022 17:59:43

Middle Channel / 15MHz+15MHz



Date: 27_JUL_2022 19:33:23

Middle Channel / 15MHz+20MHz



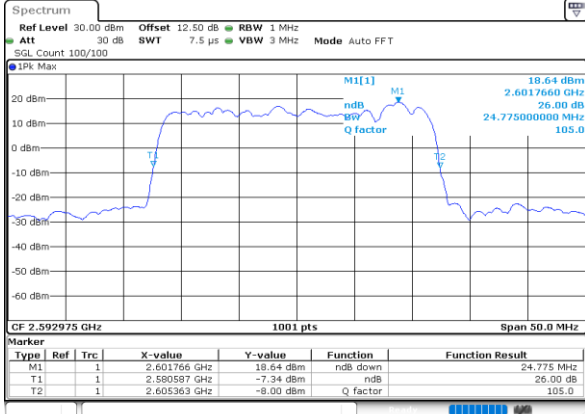
Date: 27_JUL_2022 18:55:05



LTE Band 41C

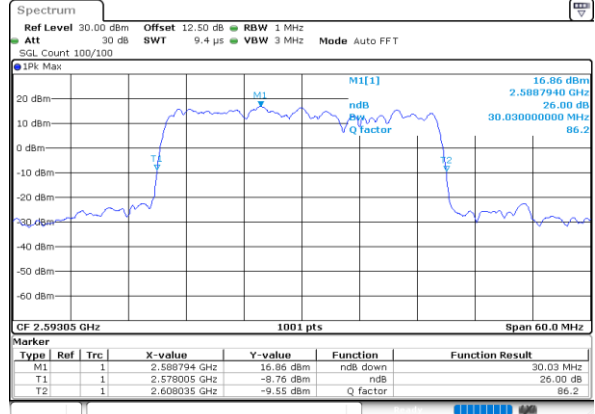
256QAM

Middle Channel / 20MHz+5MHz



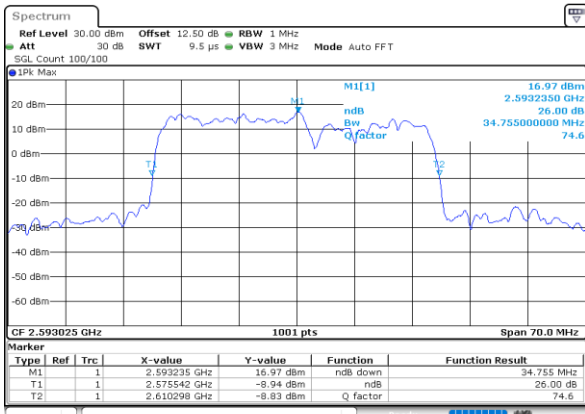
Date: 27.JUL.2022 17:43:15

Middle Channel / 20MHz+10MHz



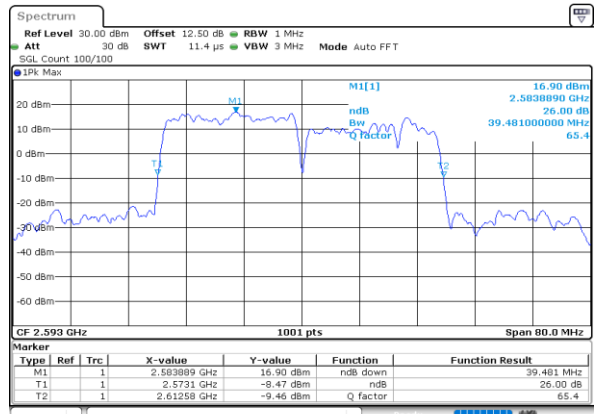
Date: 27.JUL.2022 19:15:48

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 20:15:19

Middle Channel / 20MHz+20MHz



Date: 27.JUL.2022 19:03:27



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.48	28.05	23.18	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.03	28.11	33.08	37.56

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.33	27.87	23.38	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.03	27.81	33.01	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.08	23.48	27.81	23.38	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.38	27.99	32.52	37.64

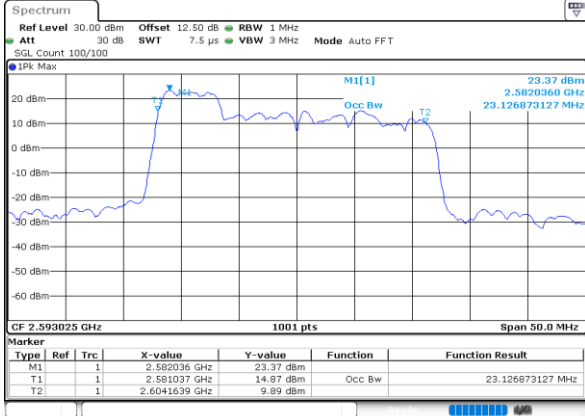
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.18	23.13	27.63	23.28	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.03	27.87	32.73	37.80



LTE Band 41C

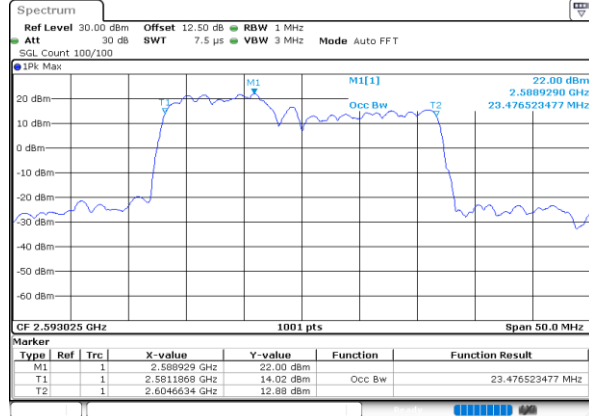
QPSK

Middle Channel / 5MHz+20MHz



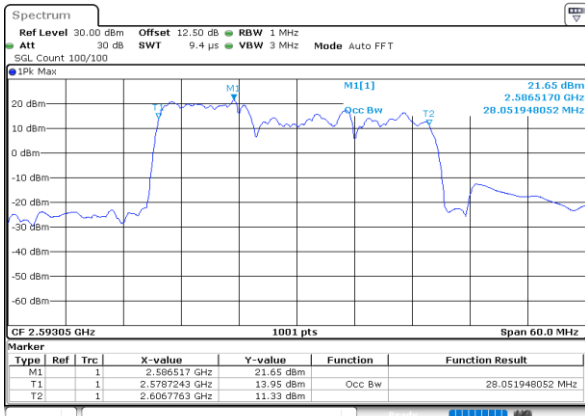
Date: 22.JUL.2022 19:23:26

Middle Channel / 10MHz+15MHz



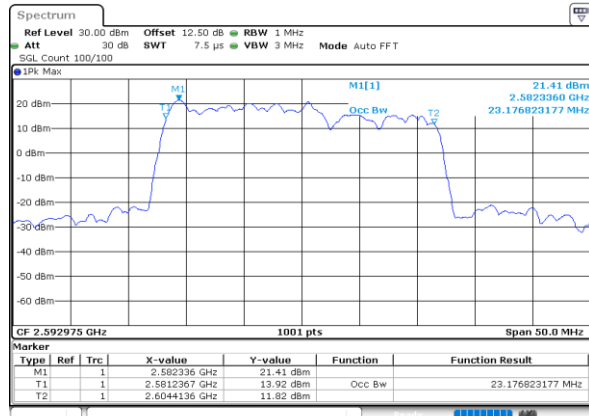
Date: 22.JUL.2022 22:33:15

Middle Channel / 10MHz+20MHz



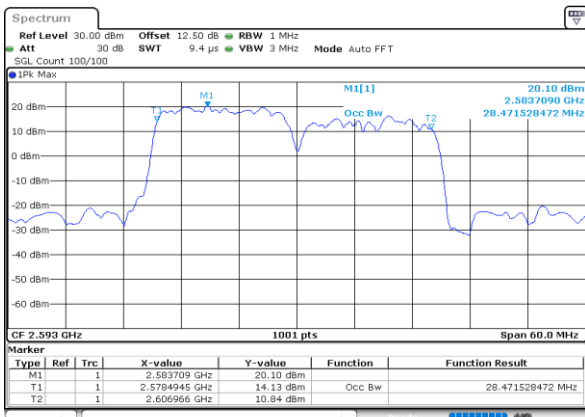
Date: 23.JUL.2022 00:57:59

Middle Channel / 15MHz+10MHz



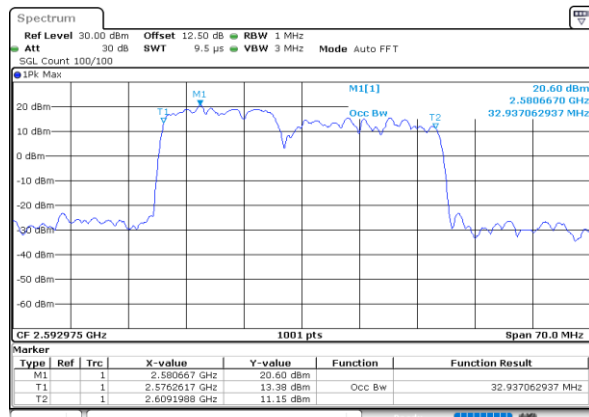
Date: 22.JUL.2022 23:38:21

Middle Channel / 15MHz+15MHz



Date: 25.JUL.2022 11:38:38

Middle Channel / 15MHz+20MHz



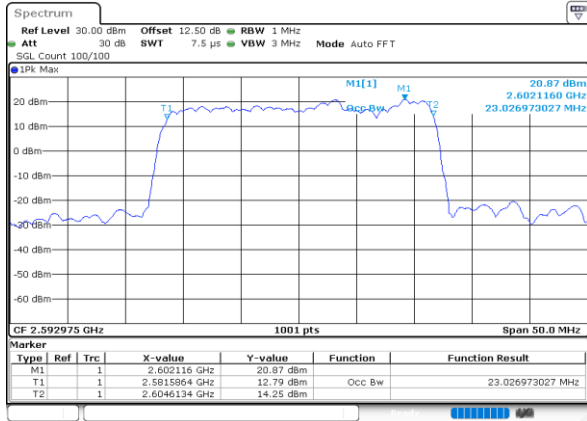
Date: 25.JUL.2022 15:22:39



LTE Band 41C

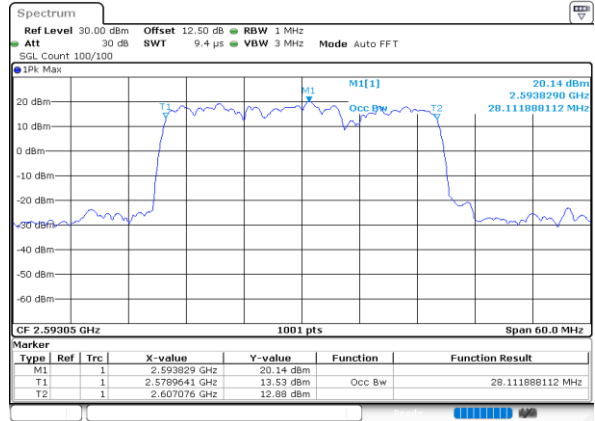
QPSK

Middle Channel / 20MHz+5MHz



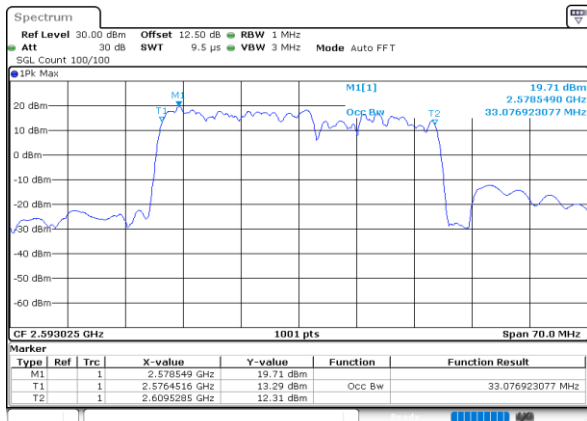
Date: 22.JUL.2022 21:04:55

Middle Channel / 20MHz+10MHz



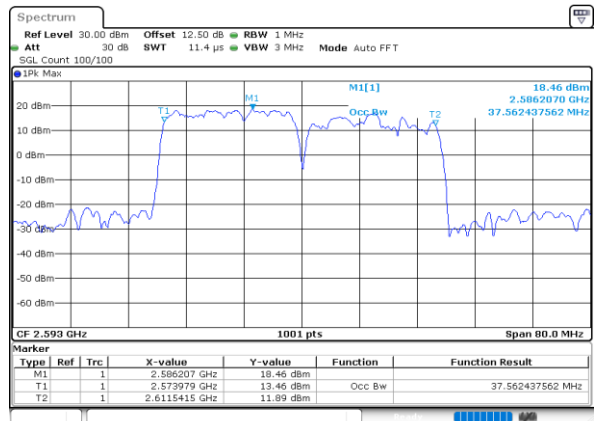
Date: 23.JUL.2022 01:38:00

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 16:14:15

Middle Channel / 20MHz+20MHz



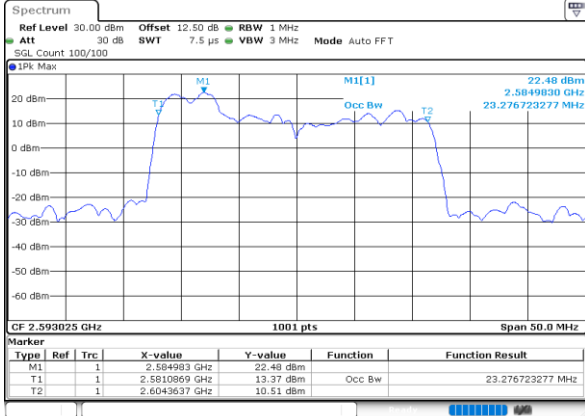
Date: 27.JUL.2022 16:54:56



LTE Band 41C

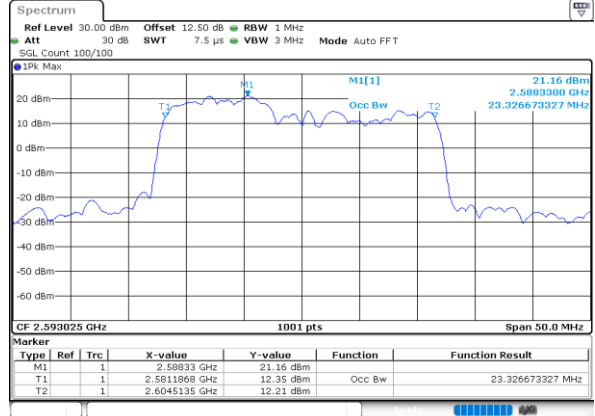
16QAM

Middle Channel / 5MHz+20MHz



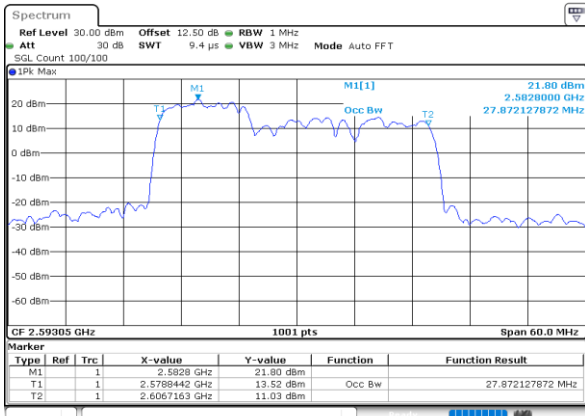
Date: 22.JUL.2022 19:24:04

Middle Channel / 10MHz+15MHz



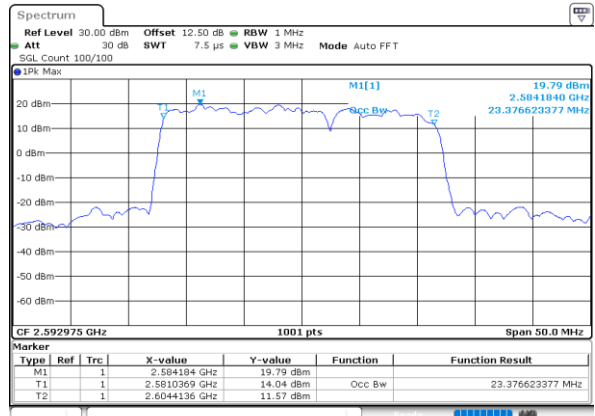
Date: 22.JUL.2022 22:13:53

Middle Channel / 10MHz+20MHz



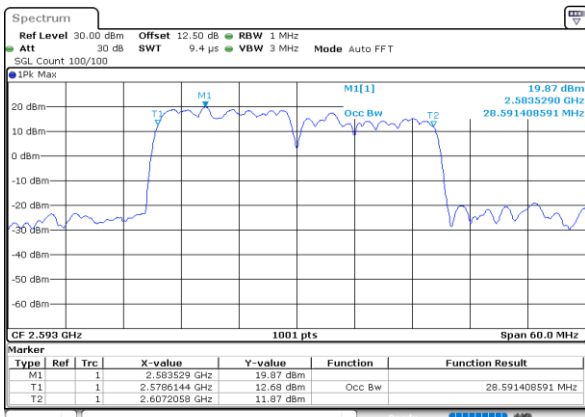
Date: 23.JUL.2022 00:58:36

Middle Channel / 15MHz+10MHz



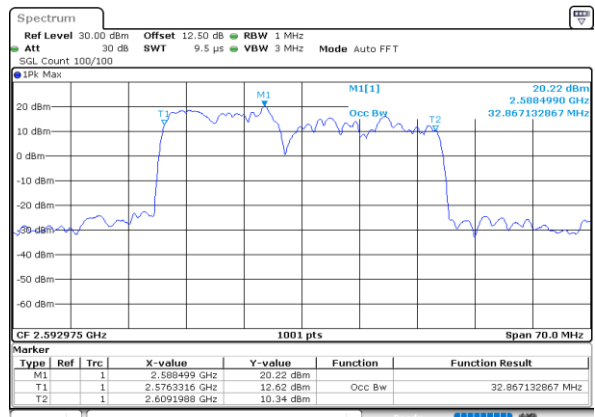
Date: 22.JUL.2022 23:18:59

Middle Channel / 15MHz+15MHz



Date: 25.JUL.2022 11:39:11

Middle Channel / 15MHz+20MHz



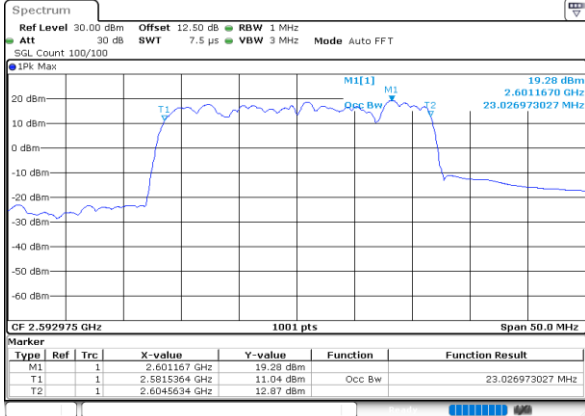
Date: 25.JUL.2022 15:23:17



LTE Band 41C

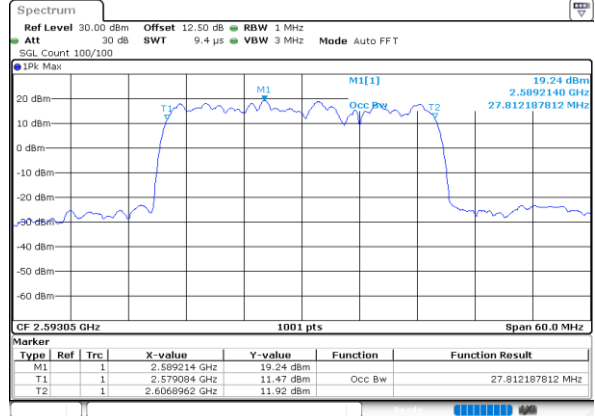
16QAM

Middle Channel / 20MHz+5MHz



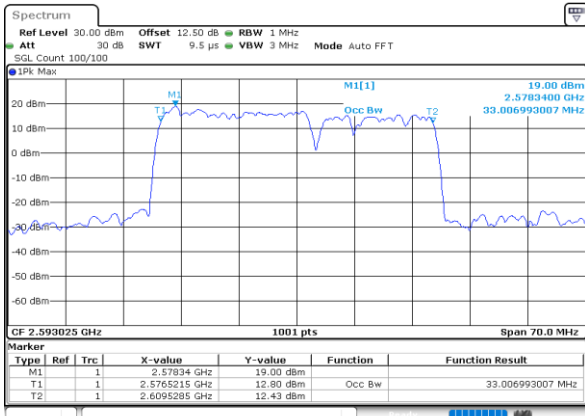
Date: 22.JUL.2022 21:05:33

Middle Channel / 20MHz+10MHz



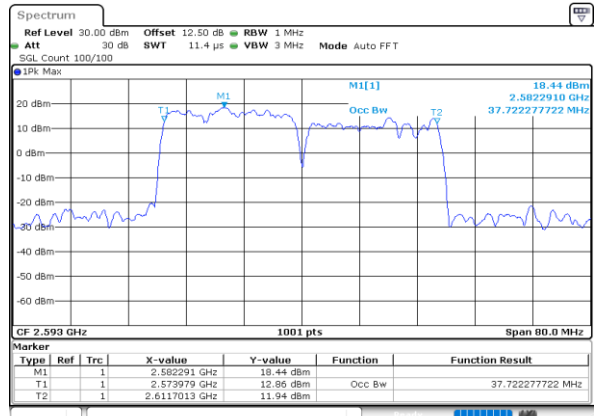
Date: 23.JUL.2022 01:38:38

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 16:14:53

Middle Channel / 20MHz+20MHz



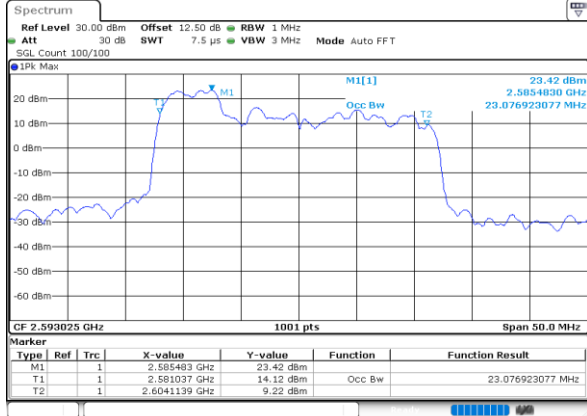
Date: 27.JUL.2022 16:55:28



LTE Band 41C

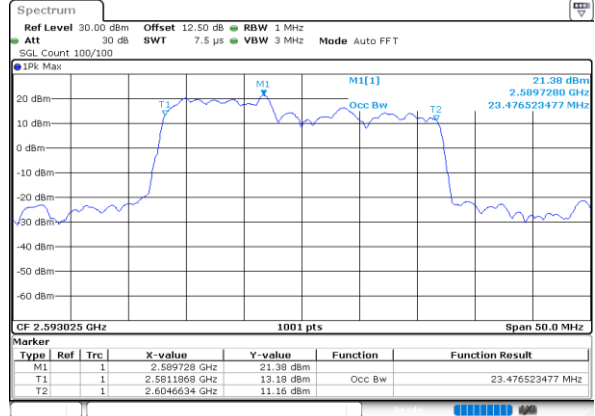
64QAM

Middle Channel / 5MHz+20MHz



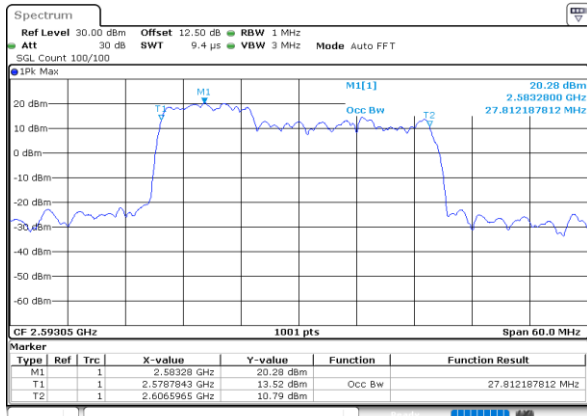
Date: 22.JUL.2022 19:24:42

Middle Channel / 10MHz+15MHz



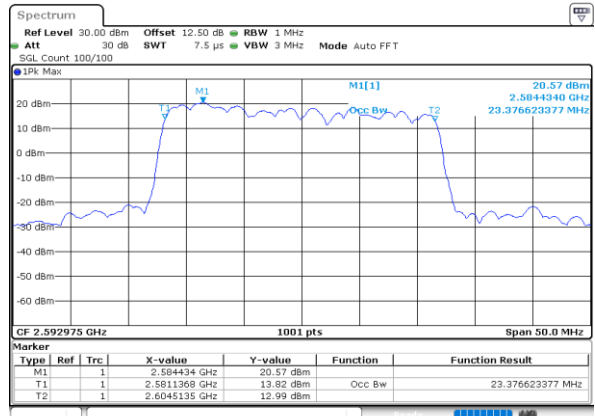
Date: 22.JUL.2022 22:14:32

Middle Channel / 10MHz+20MHz



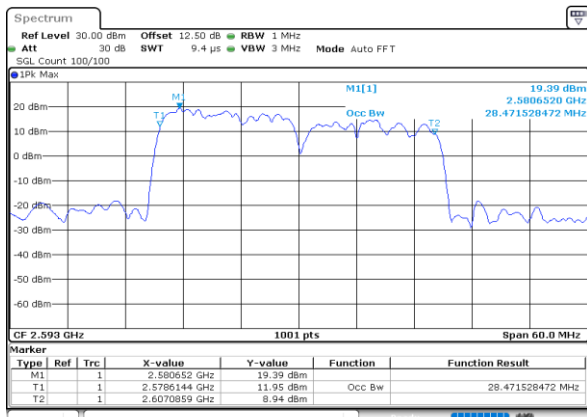
Date: 23.JUL.2022 00:59:14

Middle Channel / 15MHz+10MHz



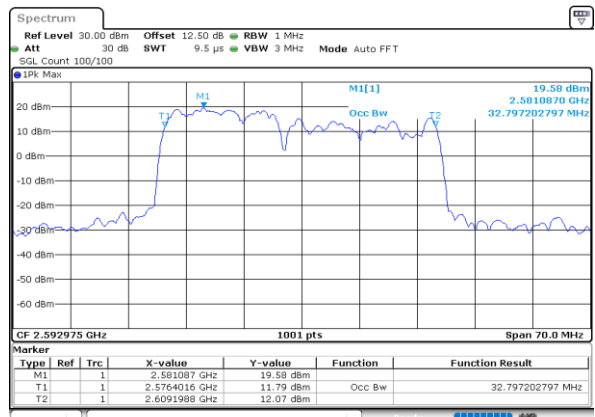
Date: 22.JUL.2022 23:19:17

Middle Channel / 15MHz+15MHz



Date: 25.JUL.2022 11:39:44

Middle Channel / 15MHz+20MHz



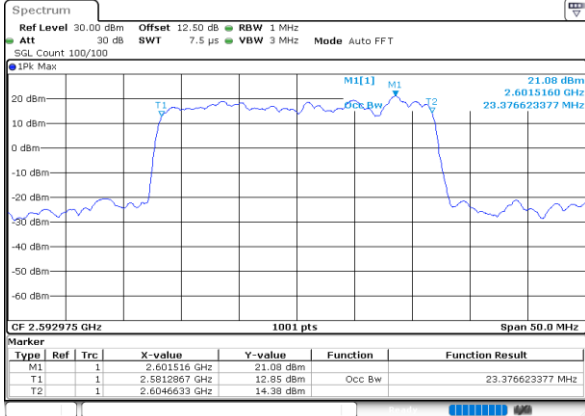
Date: 25.JUL.2022 15:23:56



LTE Band 41C

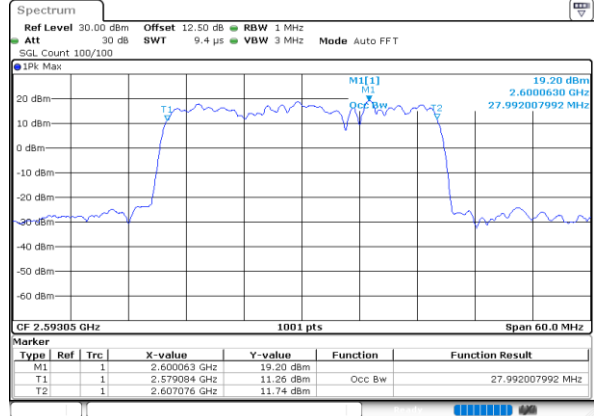
64QAM

Middle Channel / 20MHz+5MHz



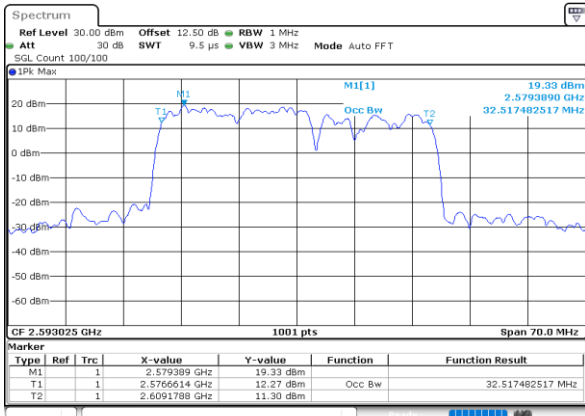
Date: 22.JUL.2022 21:06:11

Middle Channel / 20MHz+10MHz



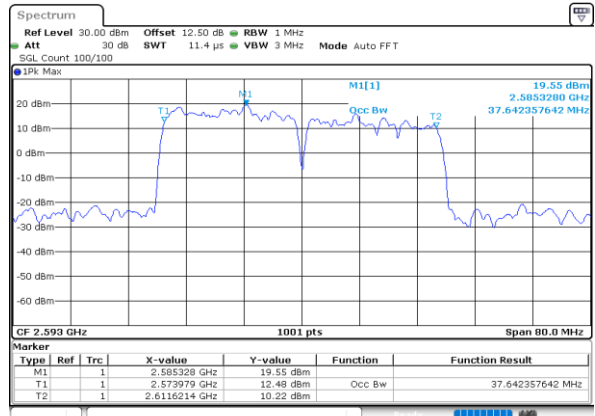
Date: 23.JUL.2022 01:39:17

Middle Channel / 20MHz+15MHz



Date: 27.JUL.2022 16:15:31

Middle Channel / 20MHz+20MHz



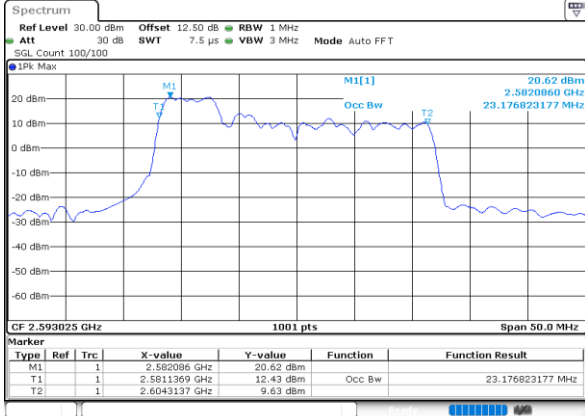
Date: 27.JUL.2022 16:15:02



LTE Band 41C

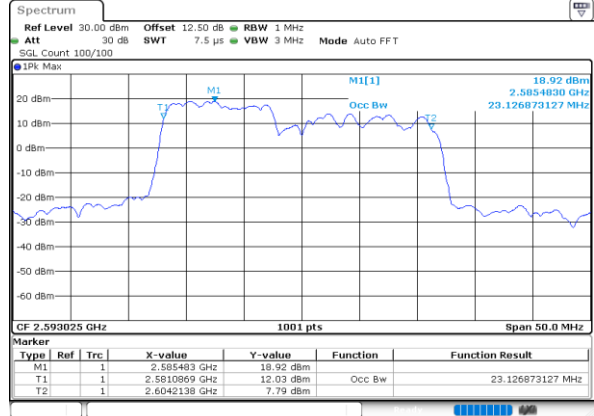
256QAM

Middle Channel / 5MHz+20MHz



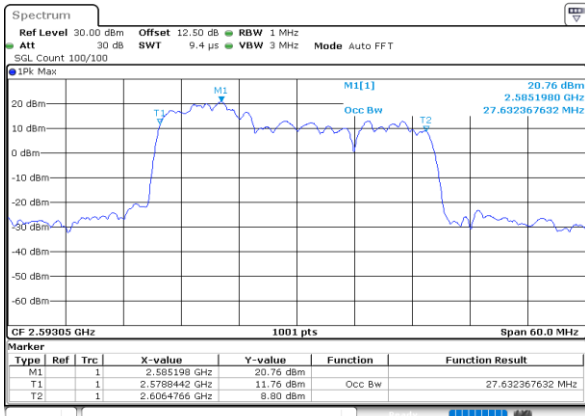
Date: 22.JUL.2022 19:34:45

Middle Channel / 10MHz+15MHz



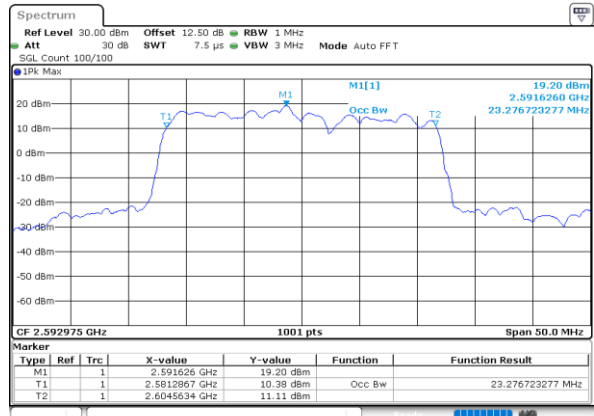
Date: 22.JUL.2022 22:42:12

Middle Channel / 10MHz+20MHz



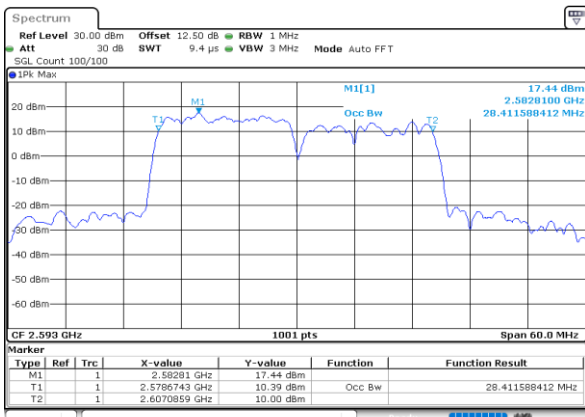
Date: 3.AUG.2022 01:46:28

Middle Channel / 15MHz+10MHz



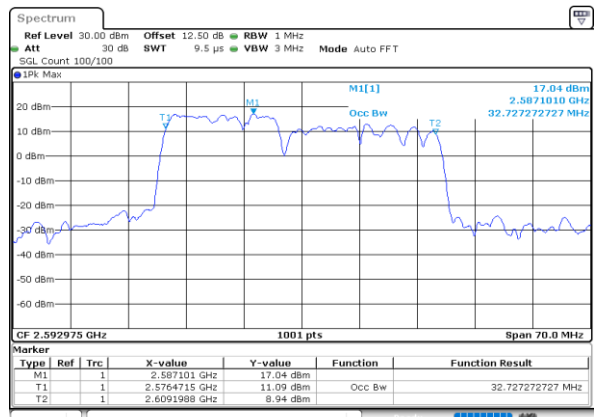
Date: 22.JUL.2022 23:40:48

Middle Channel / 15MHz+15MHz



Date: 25.JUL.2022 11:40:45

Middle Channel / 15MHz+20MHz



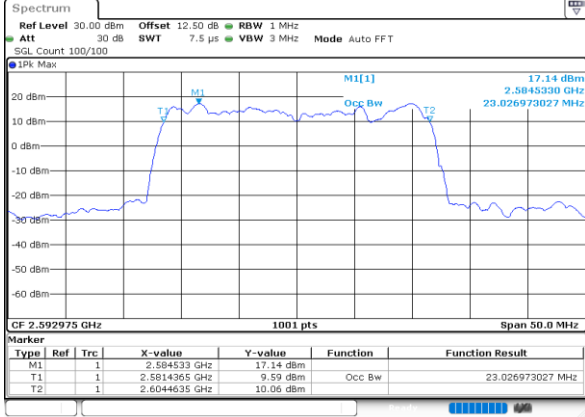
Date: 25.JUL.2022 16:04:46



LTE Band 41C

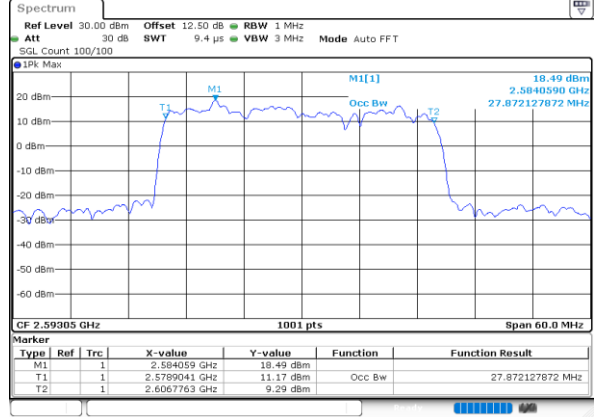
256QAM

Middle Channel / 20MHz+5MHz



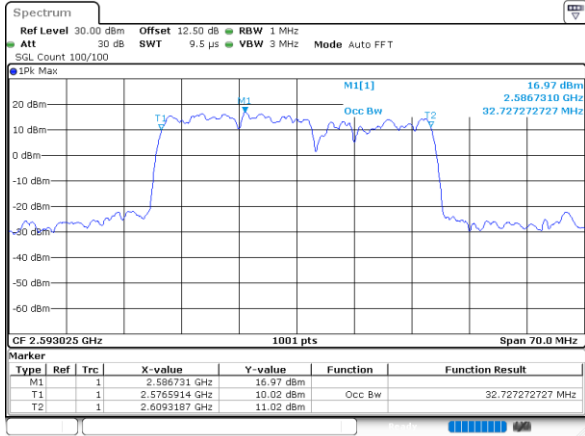
Date: 22.JUL.2022 21:12:47

Middle Channel / 20MHz+10MHz



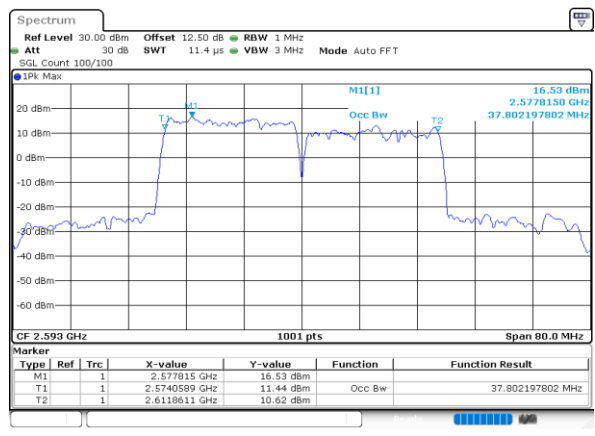
Date: 23.JUL.2022 01:48:28

Middle Channel / 20MHz+15MHz



Date: 4.AUG.2022 23:16:30

Middle Channel / 20MHz+20MHz



Date: 27.JUL.2022 16:57:33

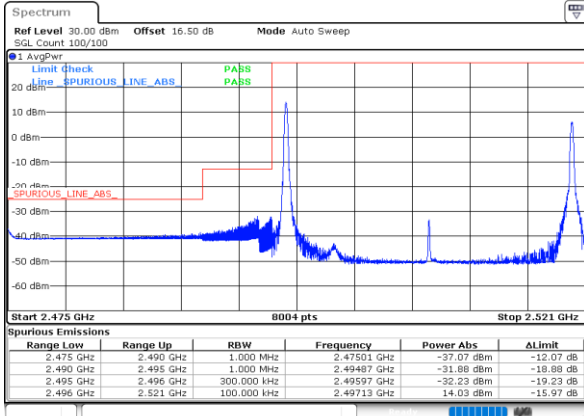


Conducted Band Edge

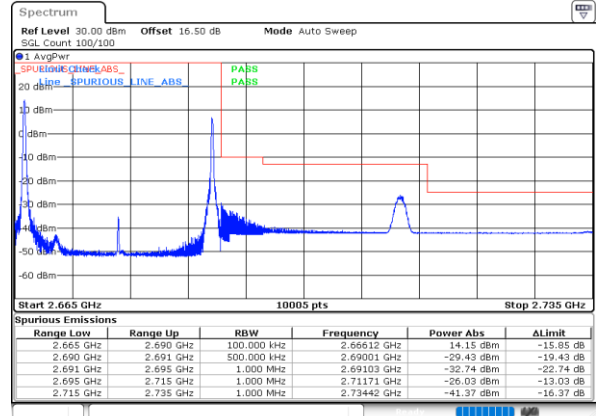
LTE Band 41C / 5MHz+20MHz

QPSK

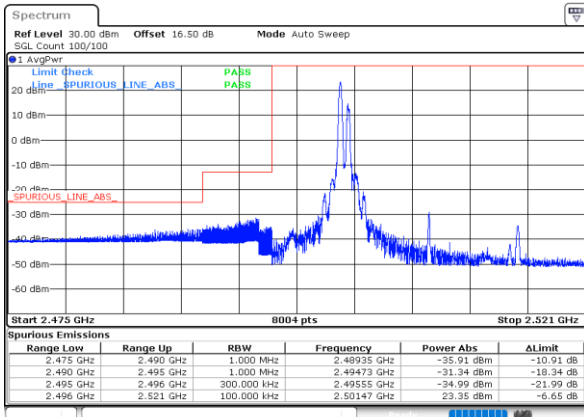
Lowest Band Edge / 1RB0 and 1RB99



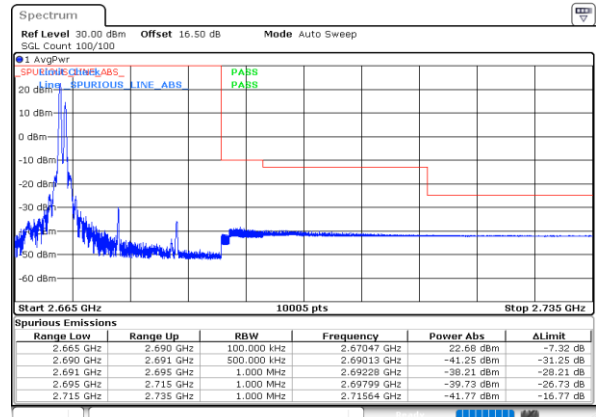
Highest Band Edge / 1RB0 and 1RB99



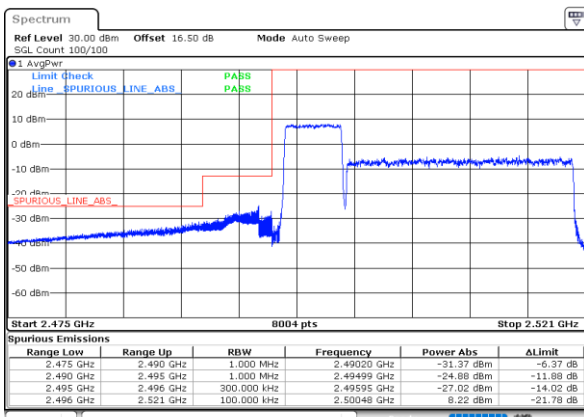
Lowest Band Edge / 1RB24 and 1RB0



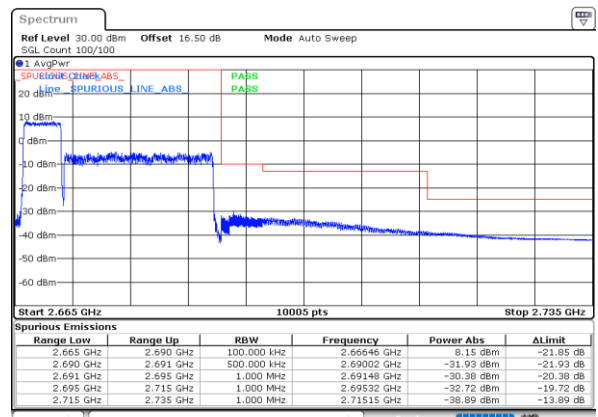
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

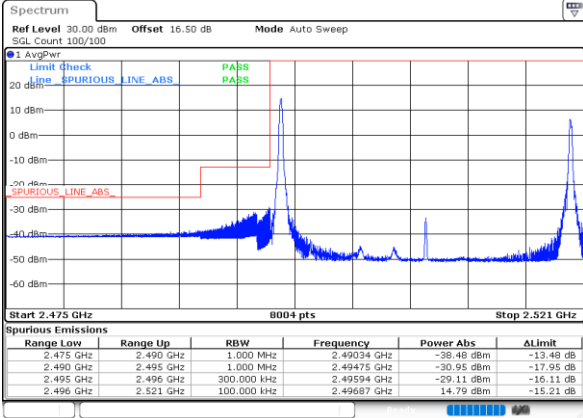




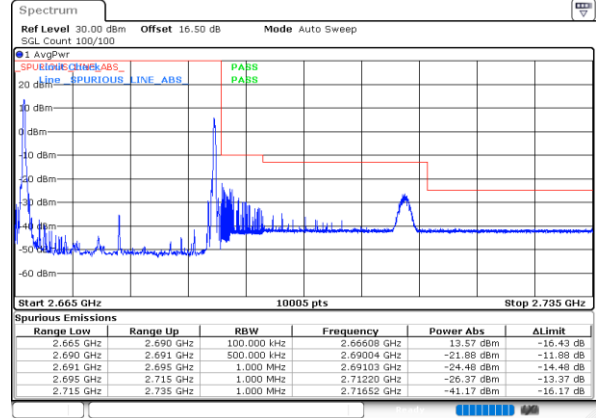
LTE Band 41C / 10MHz+15MHz

QPSK

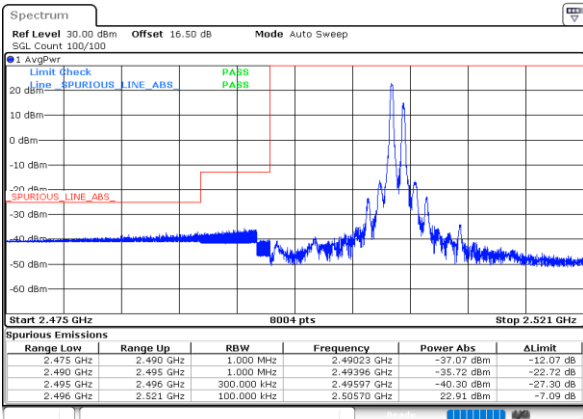
Lowest Band Edge / 1RB0 and 1RB74



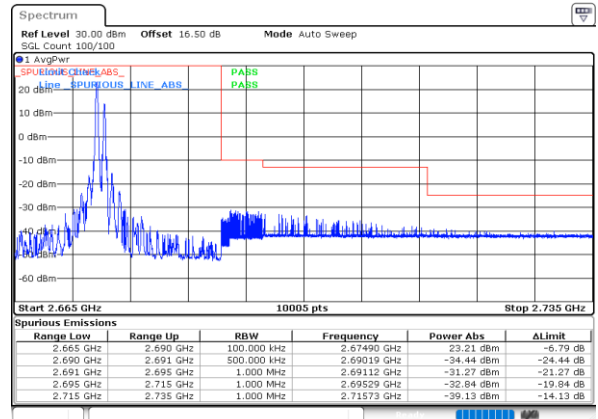
Highest Band Edge / 1RB0 and 1RB74



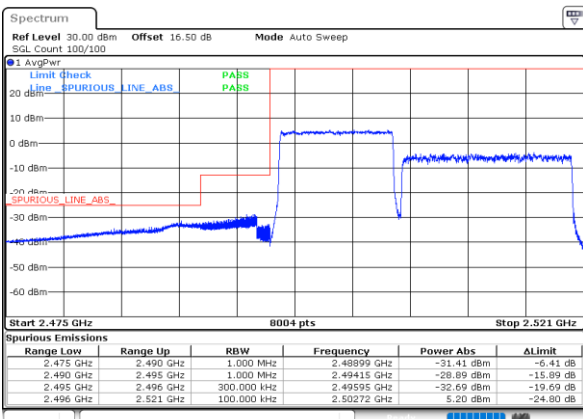
Lowest Band Edge / 1RB49 and 1RB0



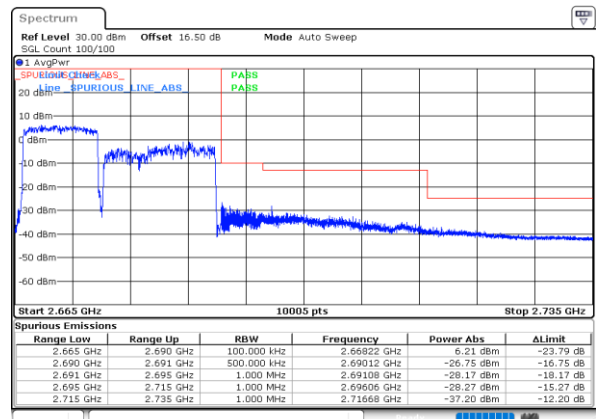
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

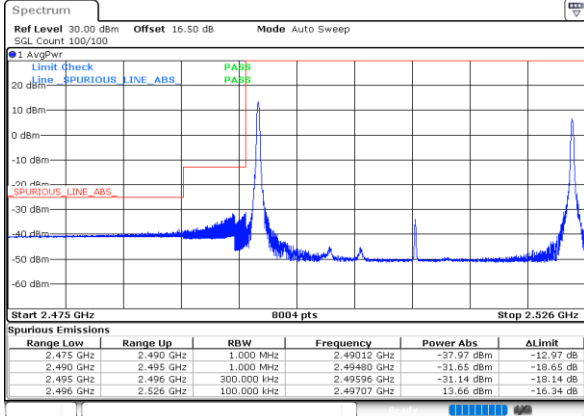




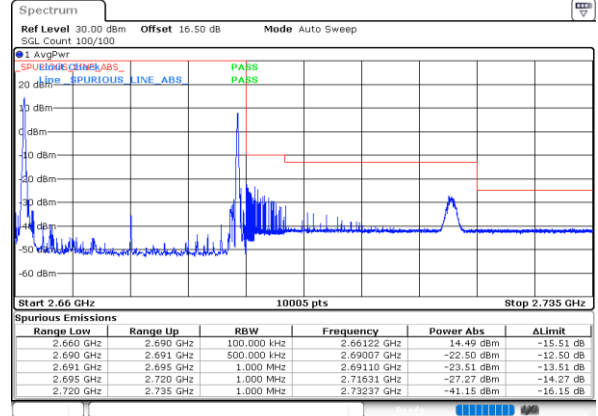
LTE Band 41C / 10MHz+20MHz

QPSK

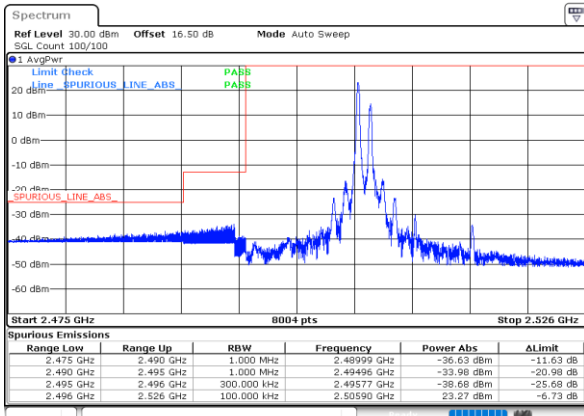
Lowest Band Edge / 1RB0 and 1RB99



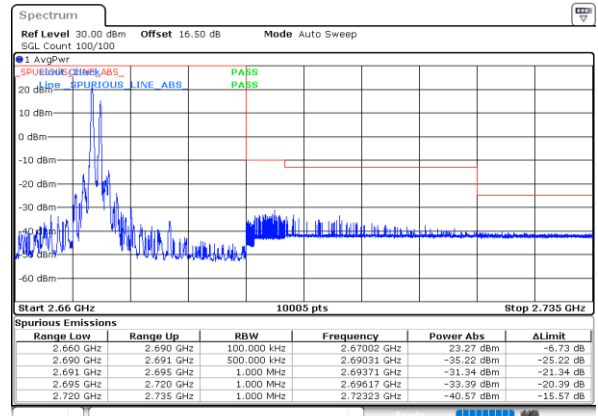
Highest Band Edge / 1RB0 and 1RB99



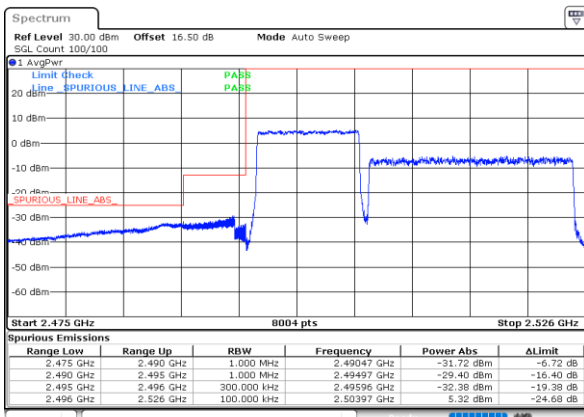
Lowest Band Edge / 1RB49 and 1RB0



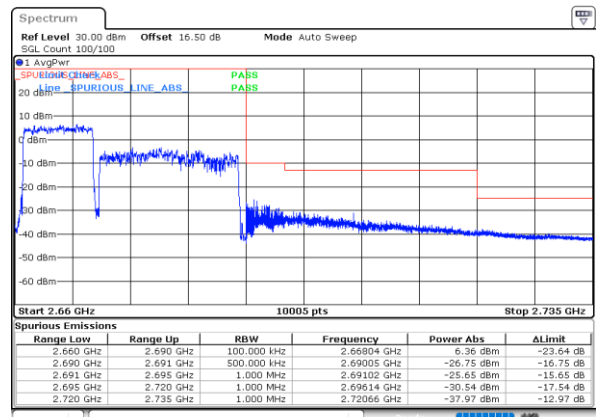
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



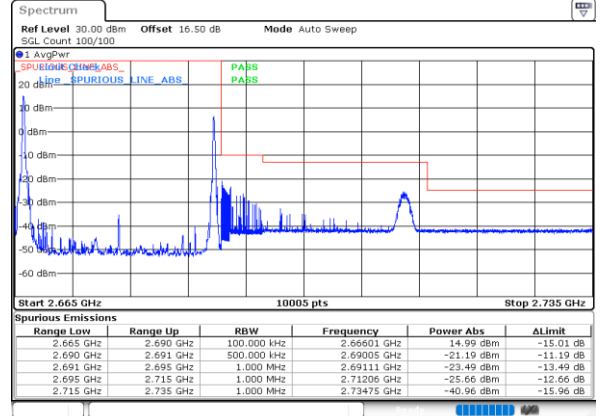
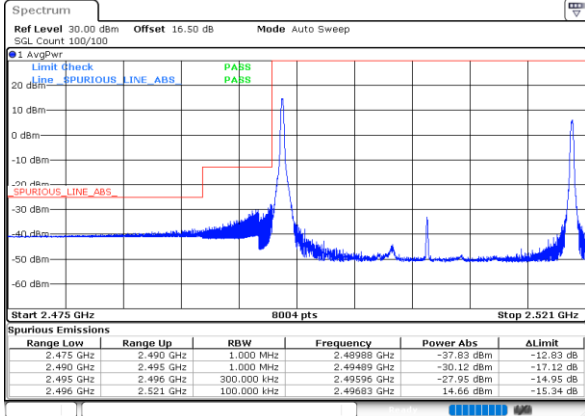


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

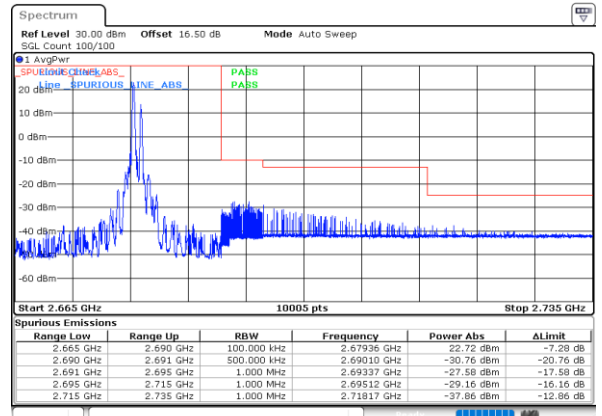
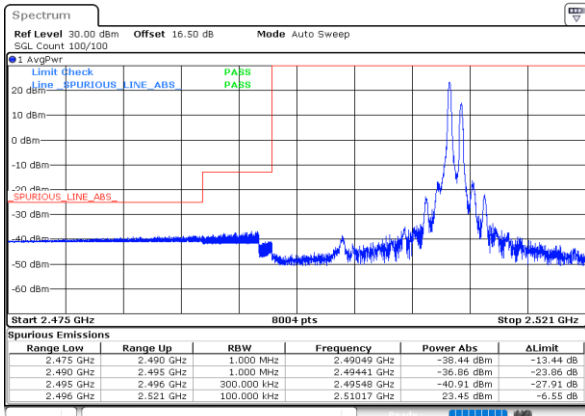


Date: 22_JUL_2022 02:11:01

Date: 22_JUL_2022 02:19:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

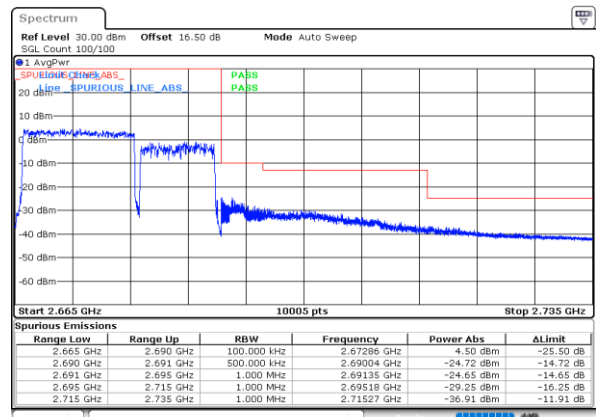
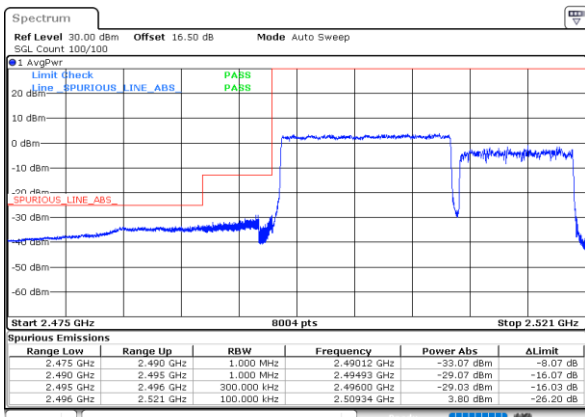


Date: 22_JUL_2022 02:12:09

Date: 22_JUL_2022 02:24:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22_JUL_2022 02:05:23

Date: 22_JUL_2022 02:17:56