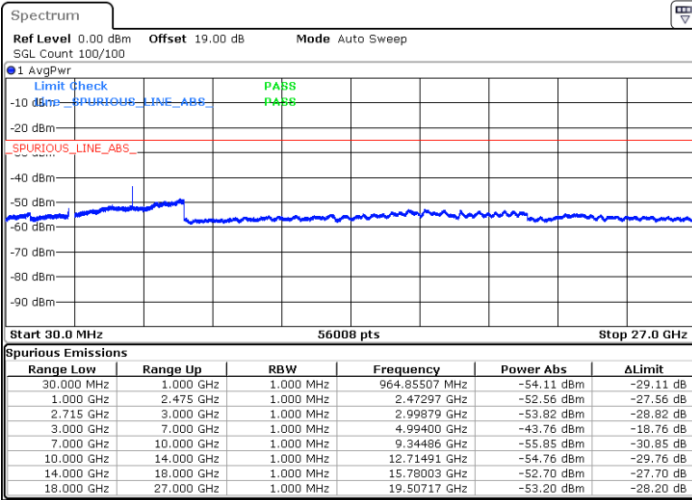




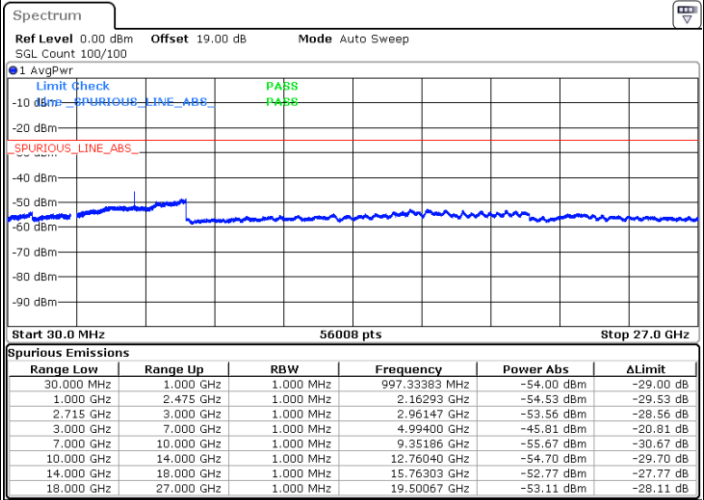
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



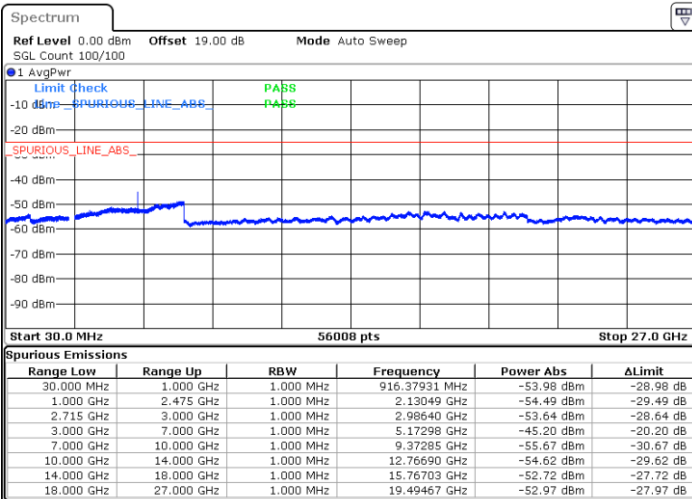
Date: 9.OCT.2021 11:03:23



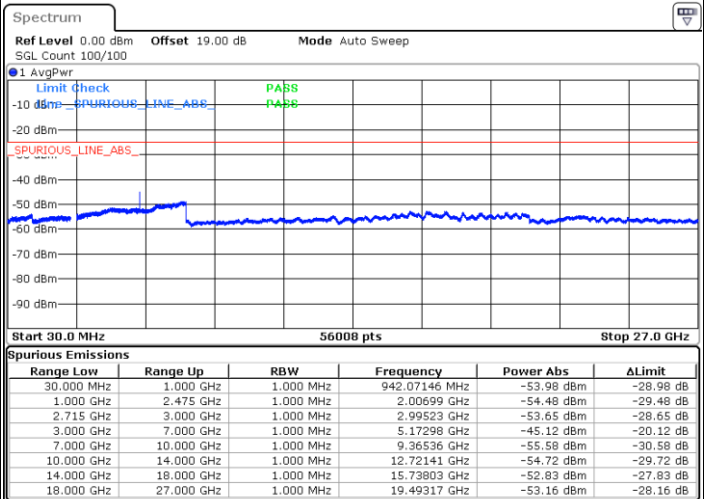
Date: 9.OCT.2021 11:04:41

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9.OCT.2021 11:05:40

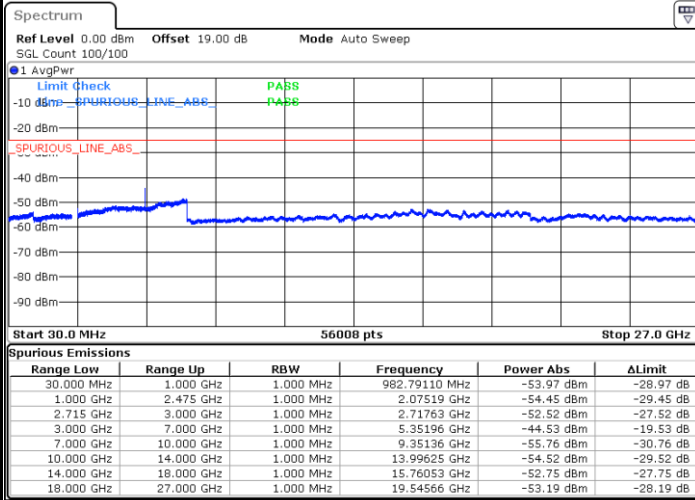


Date: 9.OCT.2021 11:08:38



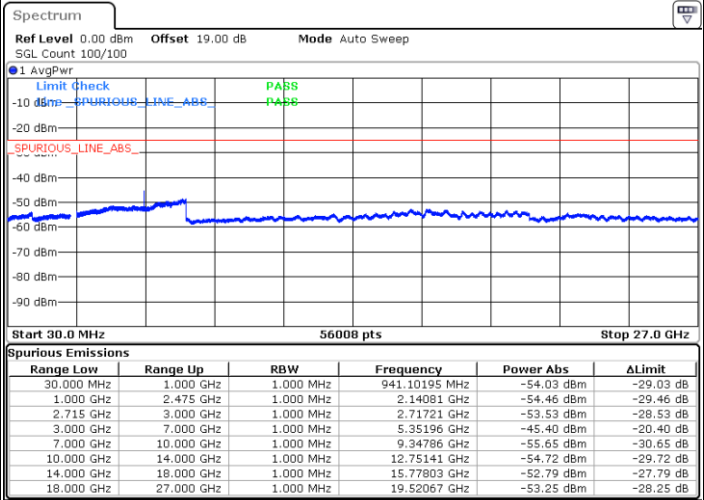
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 9.OCT.2021 11:07:37

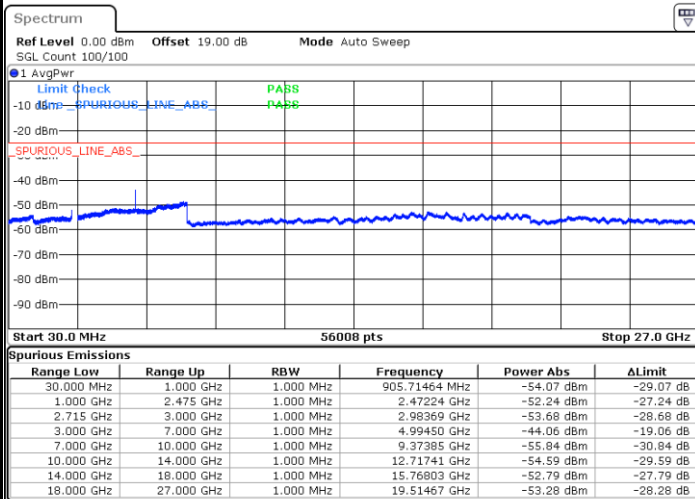
Highest Channel / 16QAM



Date: 9.OCT.2021 11:08:36

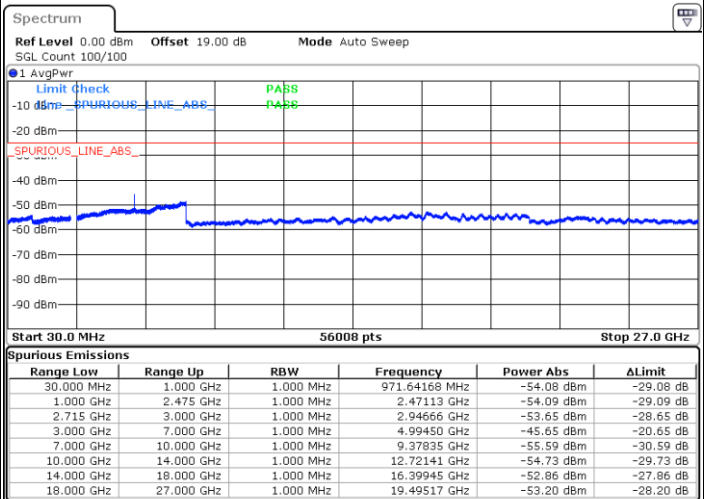
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 9.OCT.2021 11:09:35

Lowest Channel / 16QAM



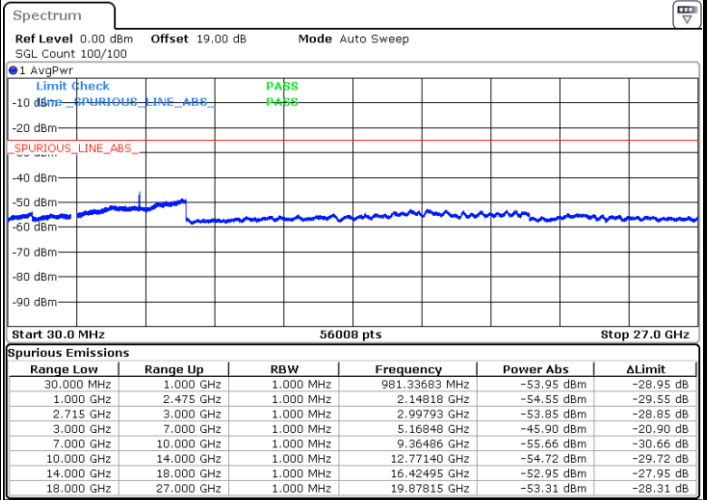
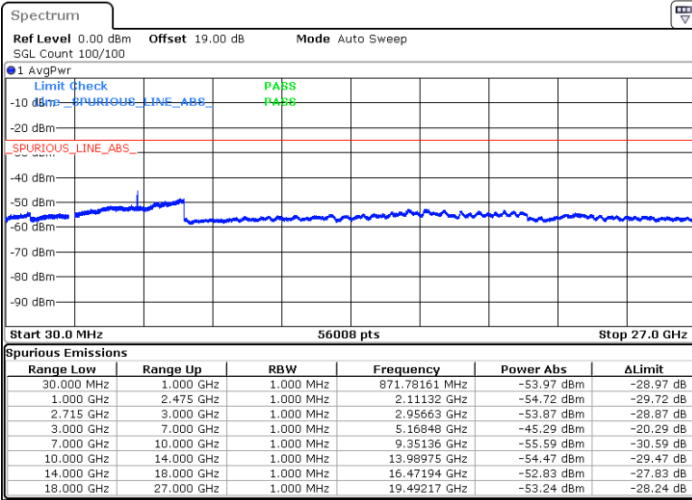
Date: 9.OCT.2021 11:10:34



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

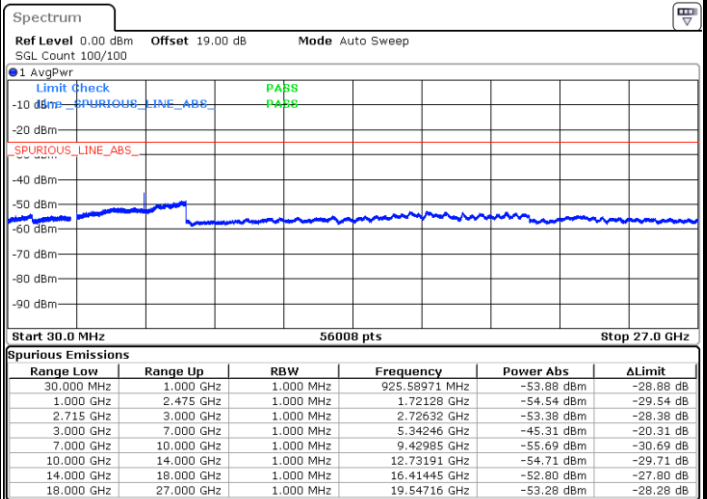
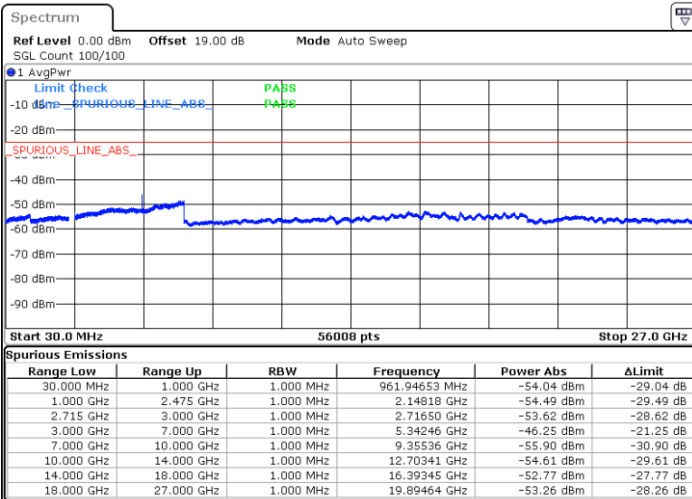


Date: 9.OCT.2021 11:11:32

Date: 9.OCT.2021 11:12:30

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2021 11:13:29

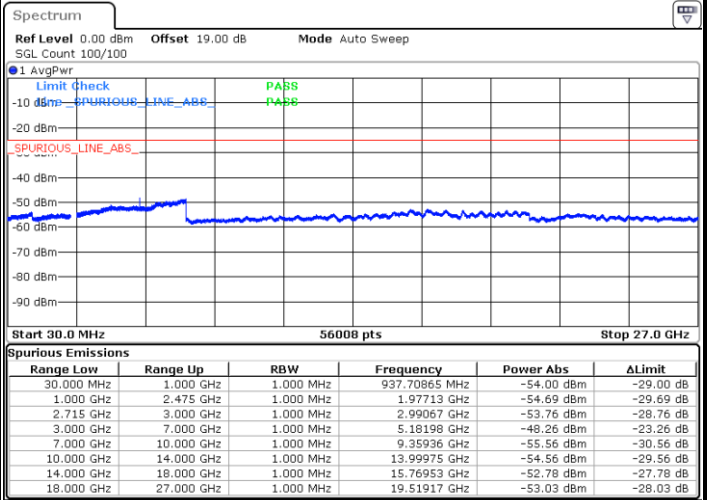
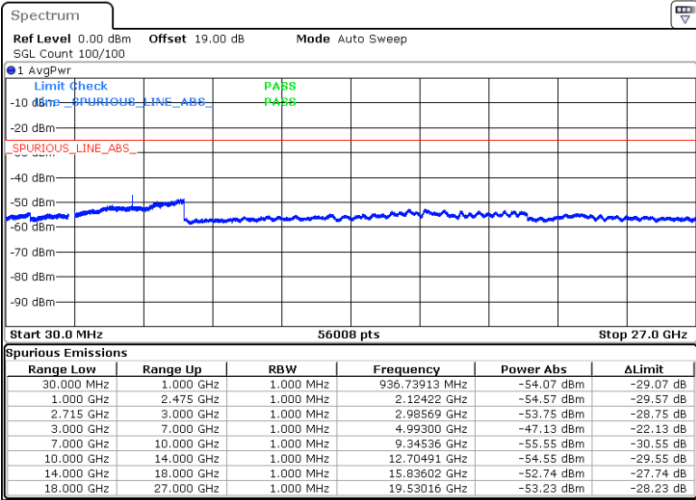
Date: 9.OCT.2021 11:14:27



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

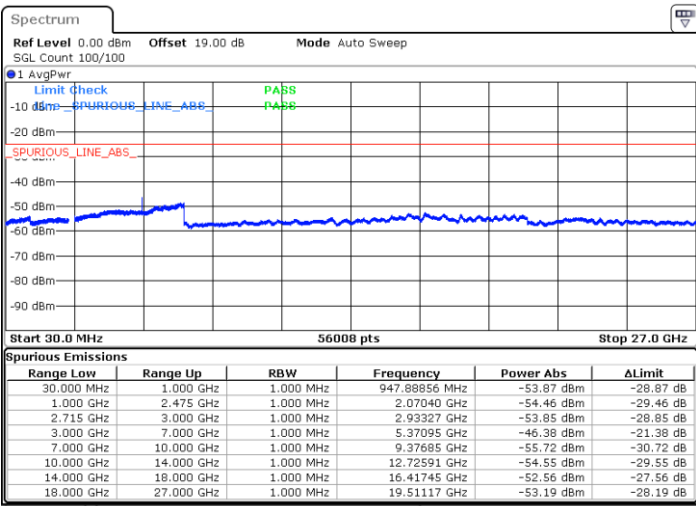
Middle Channel / 64QAM



Date: 9.OCT.2021 11:55:26

Date: 9.OCT.2021 11:56:29

Highest Channel / 64QAM



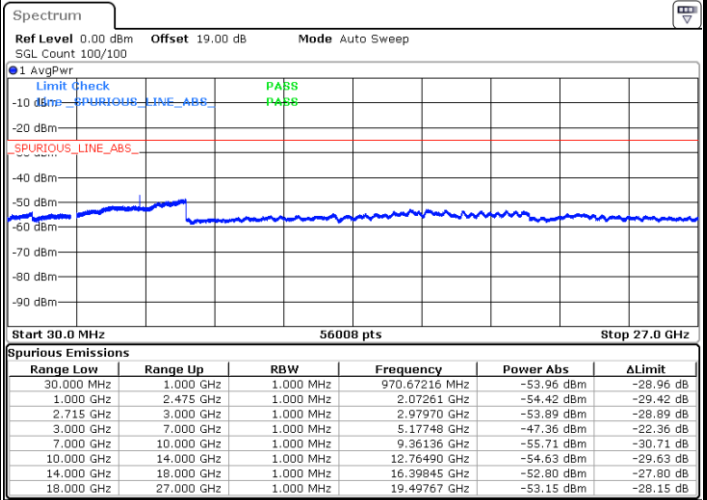
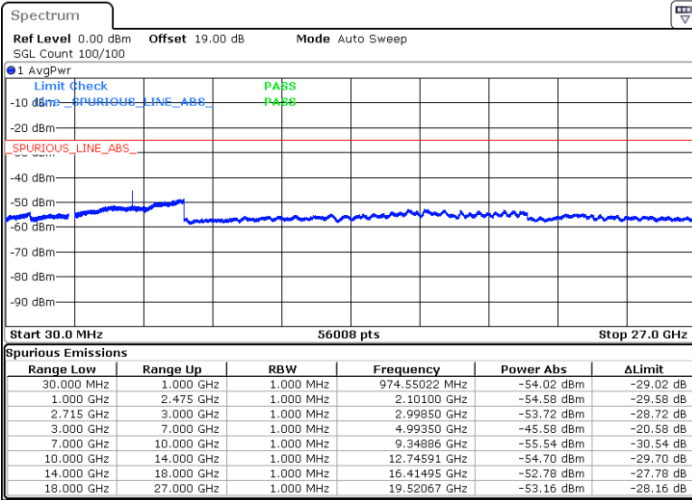
Date: 9.OCT.2021 11:57:32



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

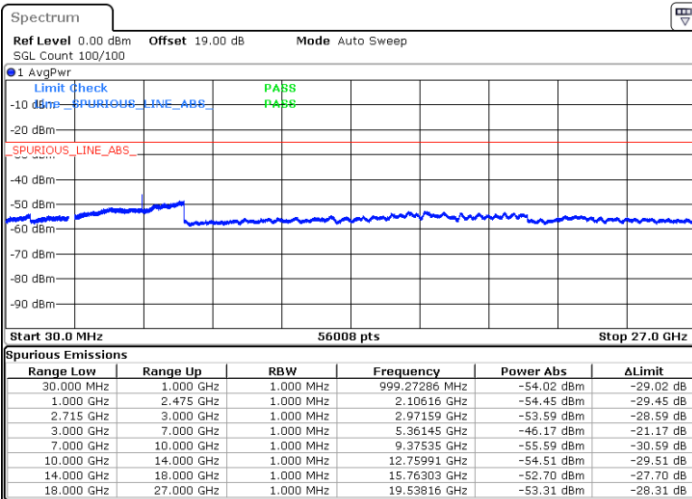
Middle Channel / 64QAM



Date: 9.OCT.2021 11:58:35

Date: 9.OCT.2021 11:59:38

Highest Channel / 64QAM



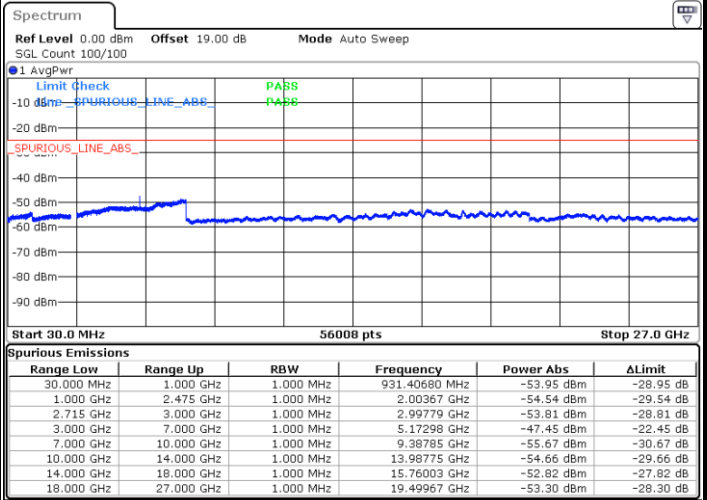
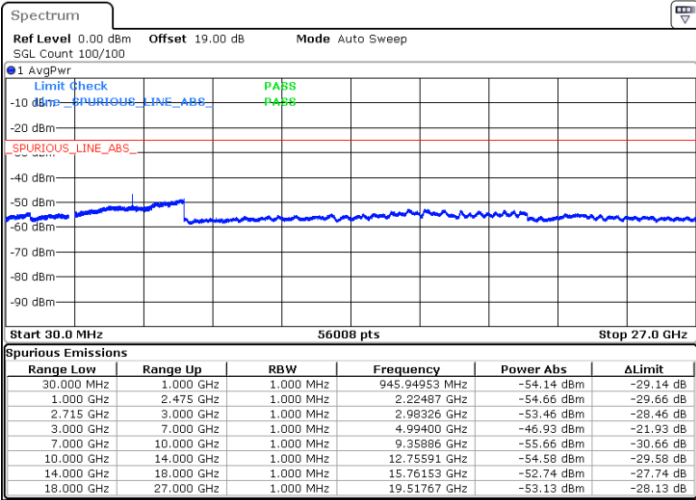
Date: 9.OCT.2021 12:00:41



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

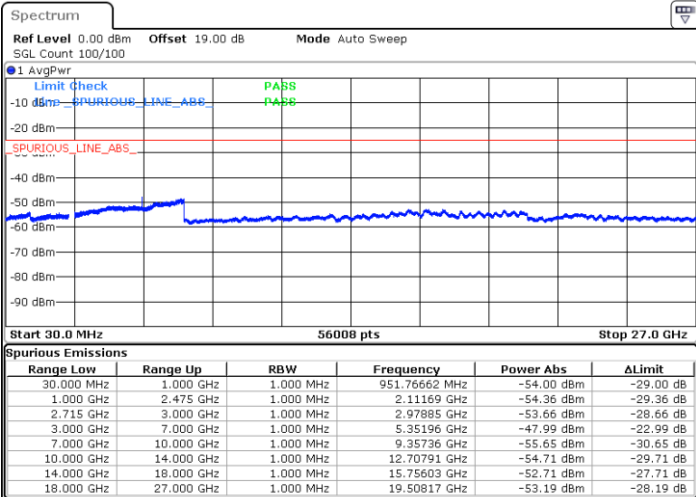
Middle Channel / 64QAM



Date: 9.OCT.2021 12:01:44

Date: 9.OCT.2021 12:02:47

Highest Channel / 64QAM



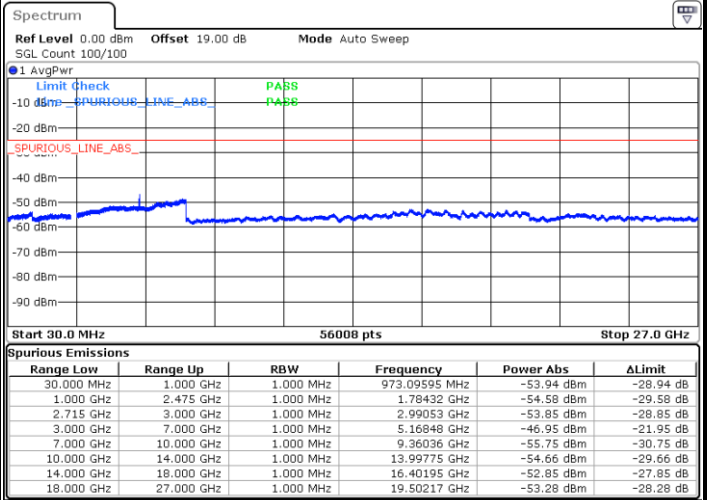
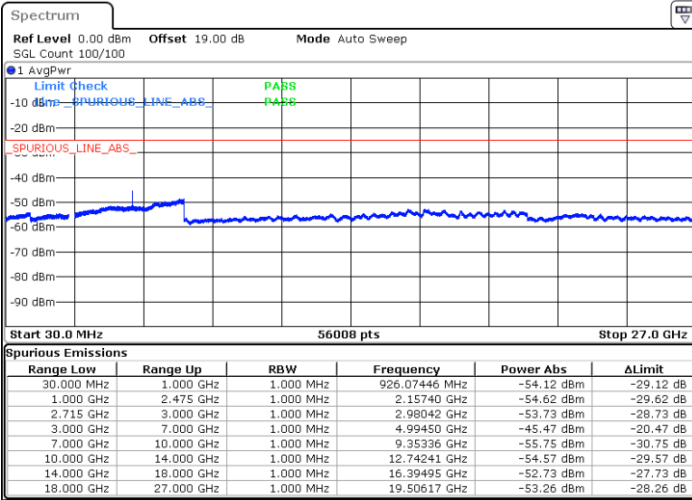
Date: 9.OCT.2021 12:03:50



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

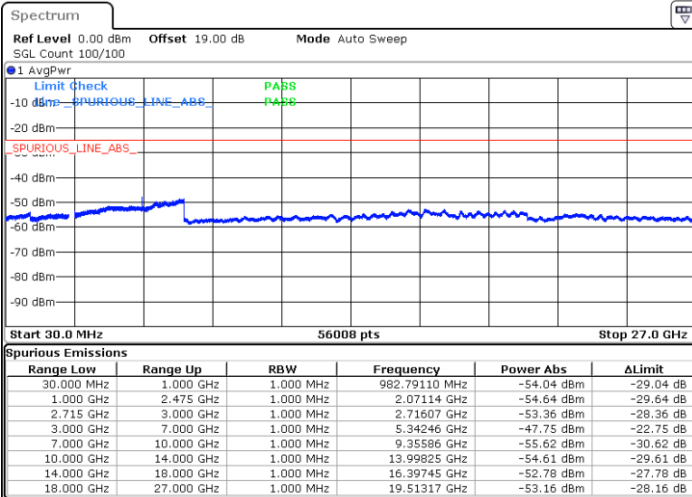
Middle Channel / 64QAM



Date: 9.OCT.2021 12:04:53

Date: 9.OCT.2021 12:05:56

Highest Channel / 64QAM



Date: 9.OCT.2021 12:06:58



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	0.0012	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 41C

## 26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	25.03	25.33	30.09	25.38	30.87
Middle CH	24.88	25.28	30.09	25.43	30.81
Highest CH	24.93	25.43	30.21	25.28	30.87
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	35.18	24.93	30.27	35.25	40.12
Middle CH	35.04	24.88	30.27	35.04	40.04
Highest CH	35.18	25.03	30.15	35.18	40.20

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.88	25.28	29.97	25.18	30.75
Middle CH	24.83	25.28	30.15	25.23	30.93
Highest CH	25.03	25.28	30.09	25.48	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.83	30.03	35.18	40.12
Middle CH	35.11	24.88	30.03	35.18	40.04
Highest CH	35.11	25.03	30.09	35.11	40.12

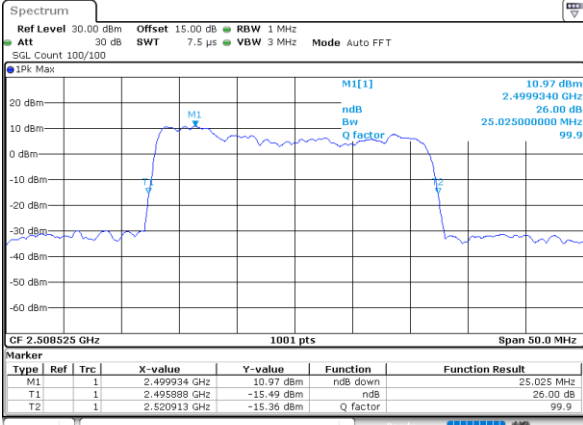
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	25.13	30.15	25.33	30.75
Middle CH	24.93	25.28	30.03	25.43	30.69
Highest CH	24.98	25.28	30.21	25.23	30.75
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	35.04	24.93	30.03	35.11	40.12
Middle CH	35.04	24.93	30.09	34.97	40.04
Highest CH	35.11	24.88	30.03	35.11	40.04



LTE Band 41C

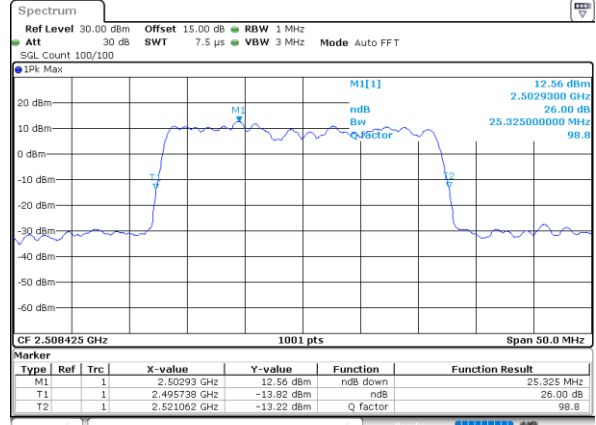
QPSK

Lowest Channel / 5MHz+20MHz



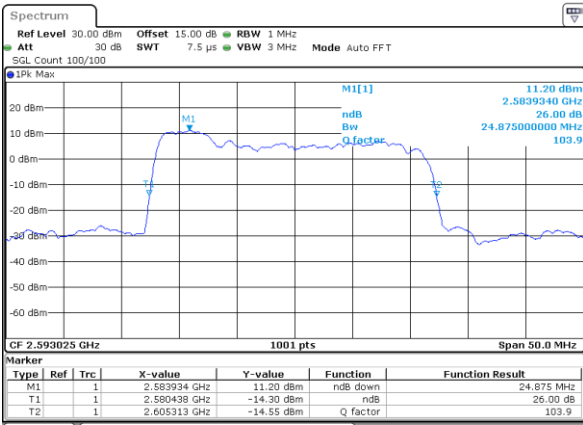
Date: 18.OCT.2021 15:40:37

Lowest Channel / 10MHz+15MHz



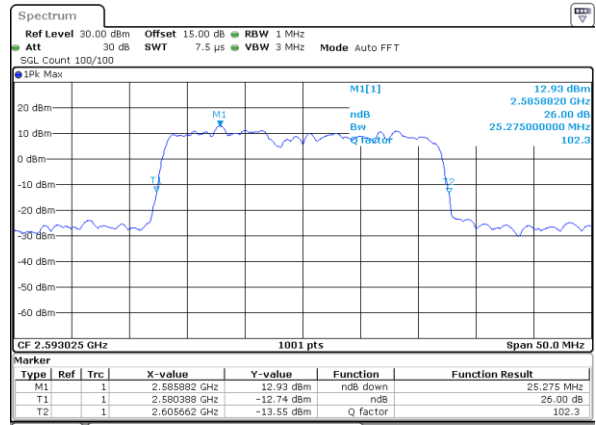
Date: 18.OCT.2021 16:11:30

Middle Channel / 5MHz+20MHz



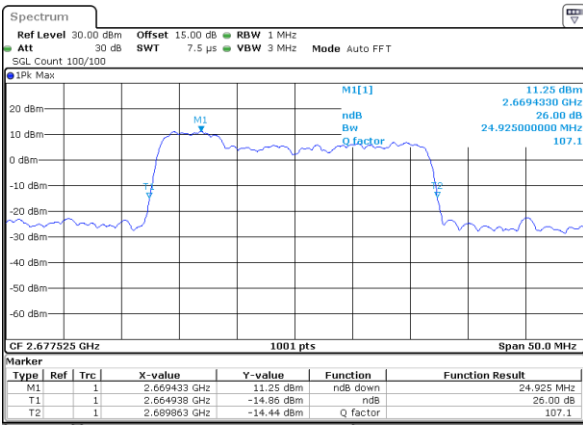
Date: 18.OCT.2021 15:44:38

Middle Channel / 10MHz+15MHz



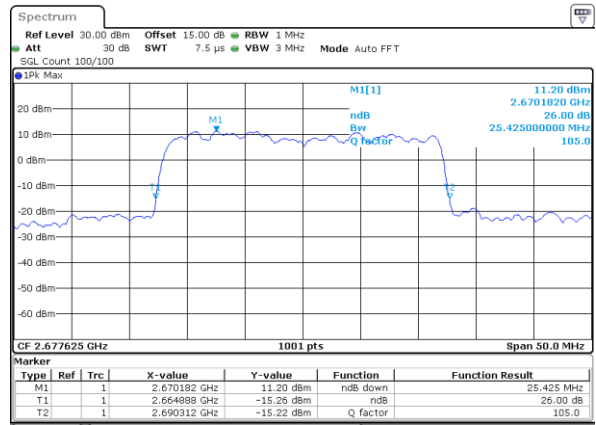
Date: 18.OCT.2021 16:15:53

Highest Channel / 5MHz+20MHz



Date: 18.OCT.2021 15:47:42

Highest Channel / 10MHz+15MHz



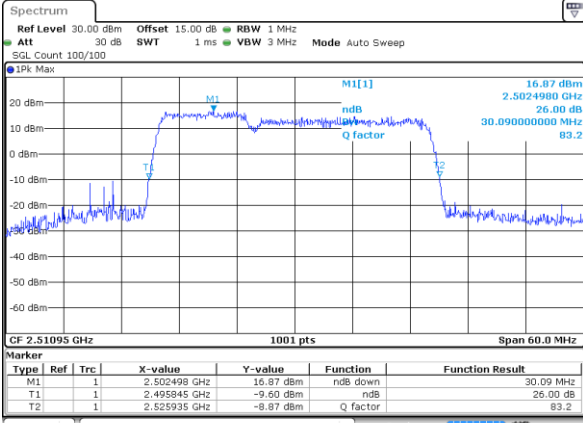
Date: 18.OCT.2021 16:22:56



LTE Band 41C

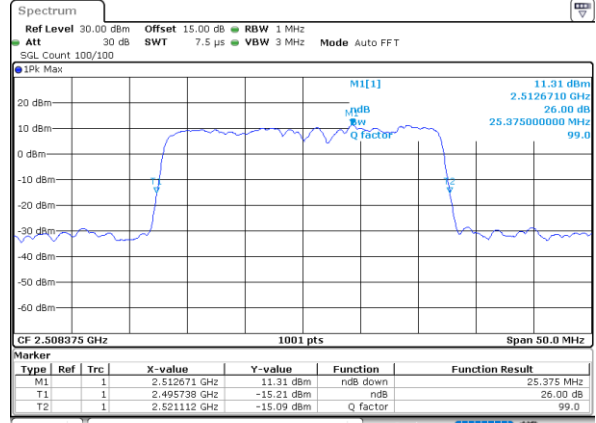
QPSK

Lowest Channel / 10MHz+20MHz



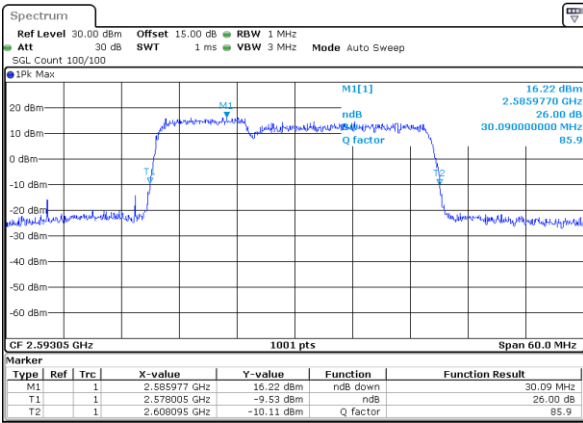
Date: 13.OCT.2021 13:40:09

Lowest Channel / 15MHz+10MHz



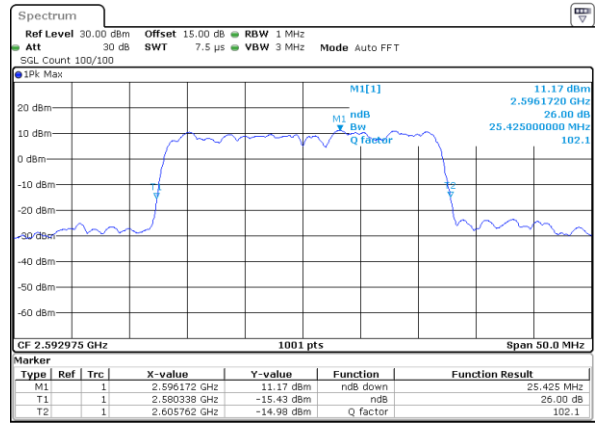
Date: 18.OCT.2021 16:28:08

Middle Channel / 10MHz+20MHz



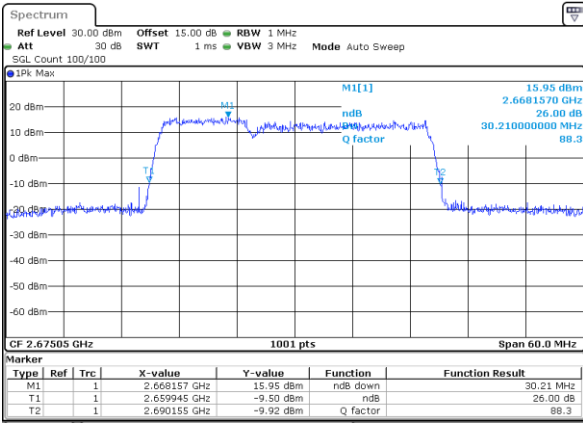
Date: 13.OCT.2021 13:44:32

Middle Channel / 15MHz+10MHz



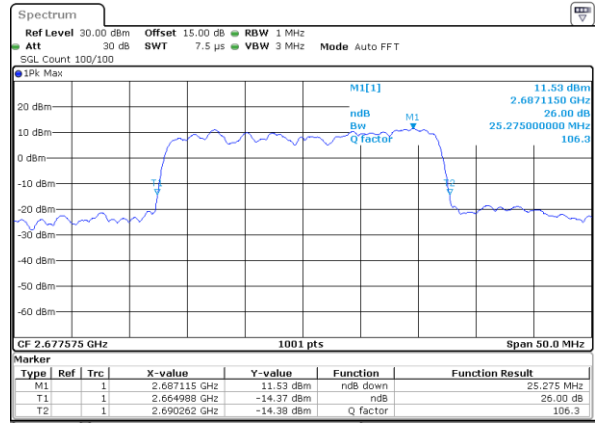
Date: 18.OCT.2021 16:37:04

Highest Channel / 10MHz+20MHz



Date: 13.OCT.2021 13:54:48

Highest Channel / 15MHz+10MHz



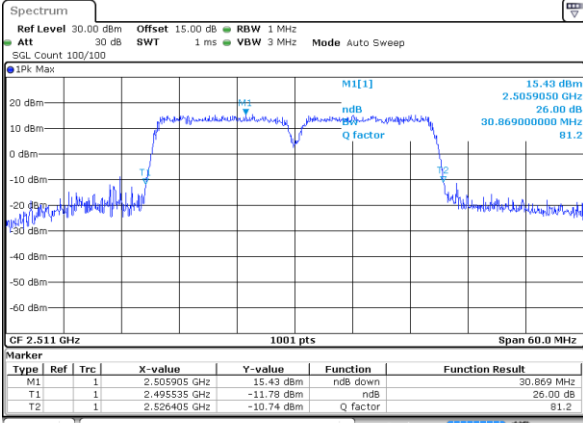
Date: 18.OCT.2021 16:41:25



LTE Band 41C

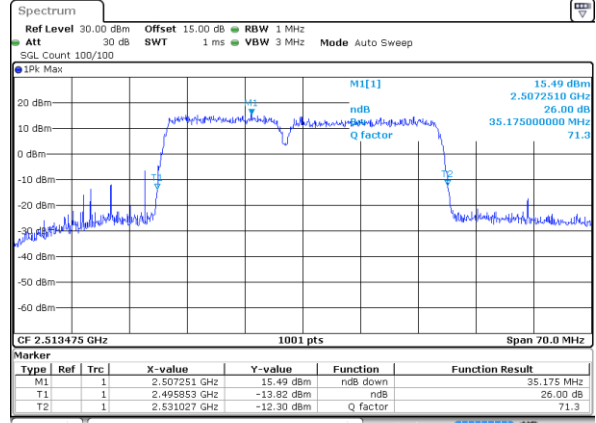
QPSK

Lowest Channel / 15MHz+15MHz



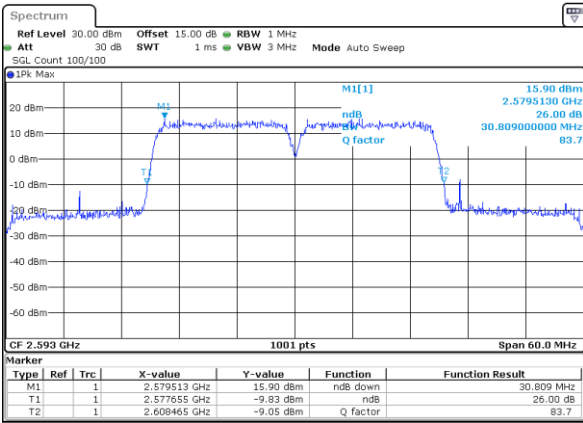
Date: 13.OCT.2021 14:44:24

Lowest Channel / 15MHz+20MHz



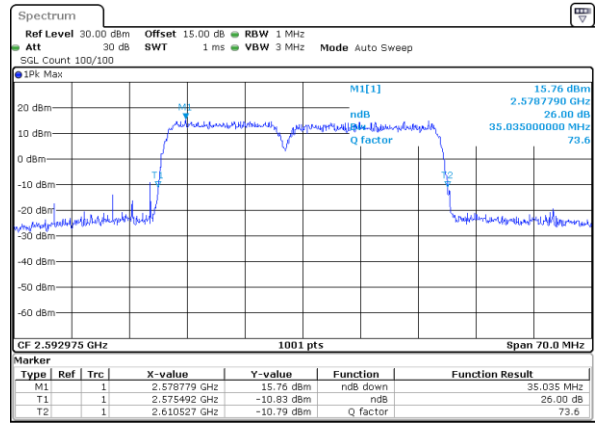
Date: 13.OCT.2021 15:03:11

Middle Channel / 15MHz+15MHz



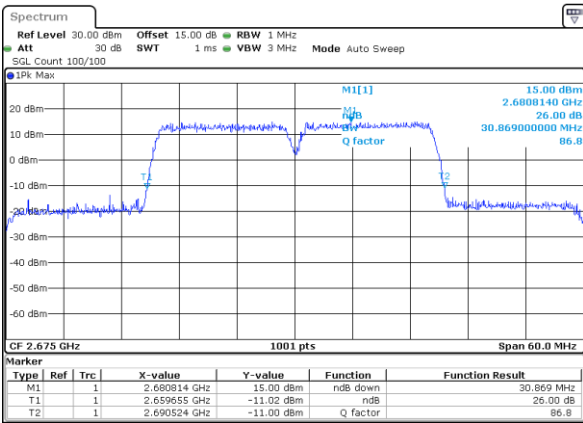
Date: 13.OCT.2021 14:48:35

Middle Channel / 15MHz+20MHz



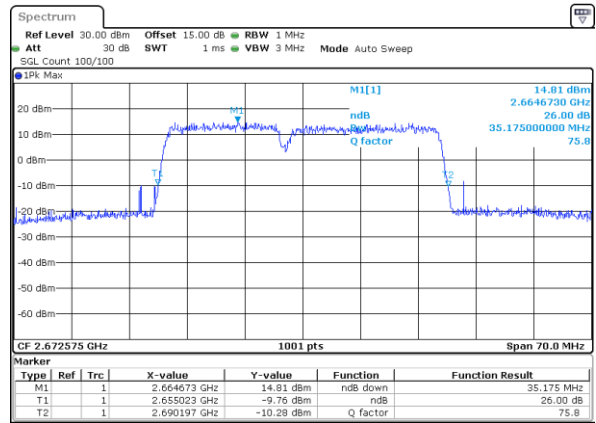
Date: 13.OCT.2021 15:07:47

Highest Channel / 15MHz+15MHz



Date: 13.OCT.2021 14:38:28

Highest Channel / 15MHz+20MHz



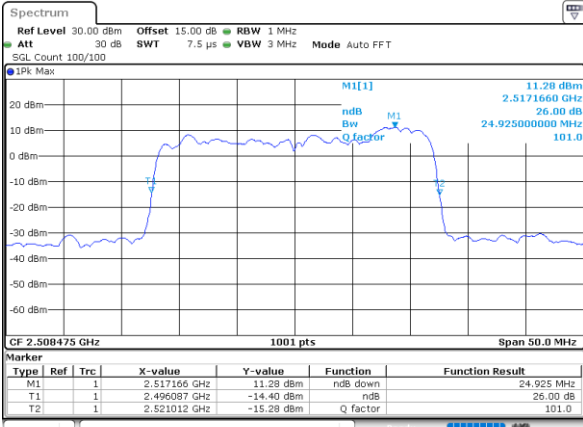
Date: 13.OCT.2021 14:52:00



LTE Band 41C

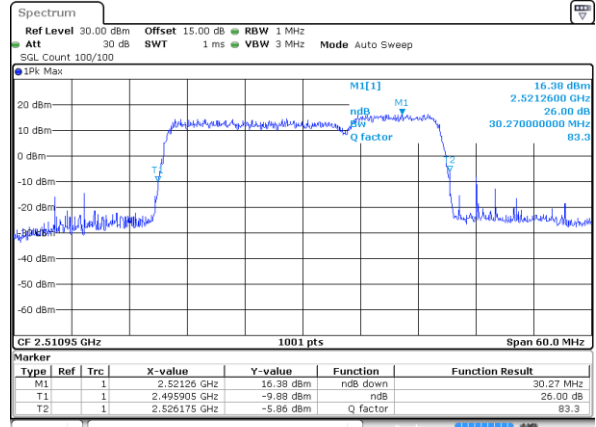
QPSK

Lowest Channel / 20MHz+5MHz



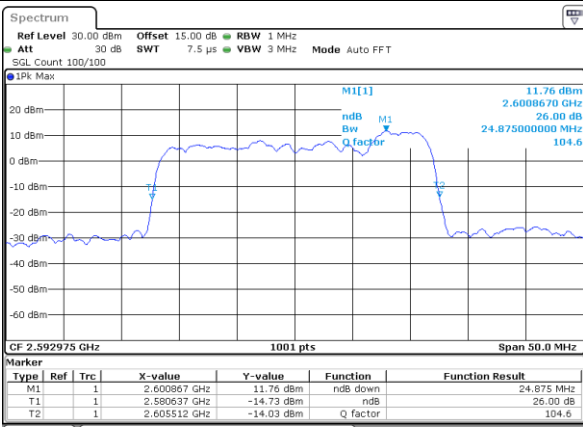
Date: 18.OCT.2021 15:55:17

Lowest Channel / 20MHz+10MHz



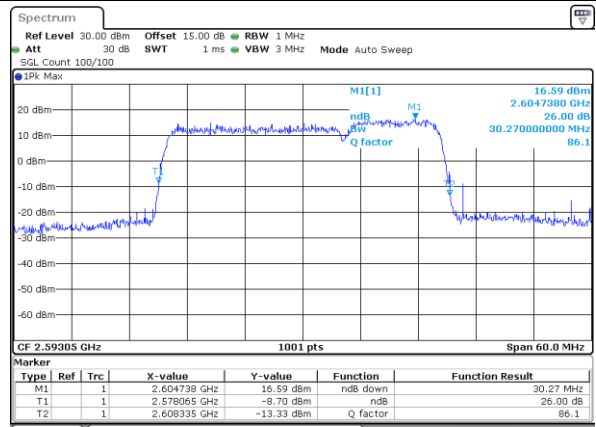
Date: 13.OCT.2021 14:11:04

Middle Channel / 20MHz+5MHz



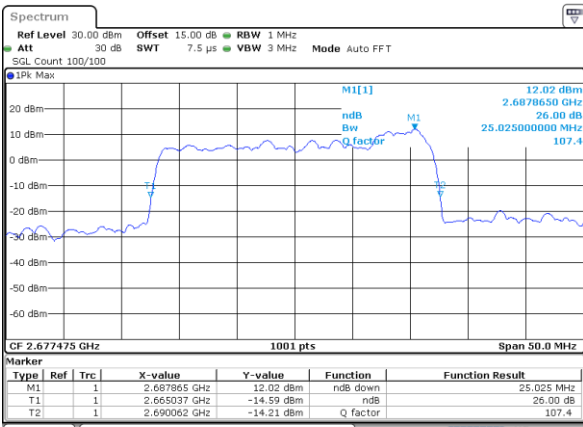
Date: 18.OCT.2021 15:59:16

Middle Channel / 20MHz+10MHz



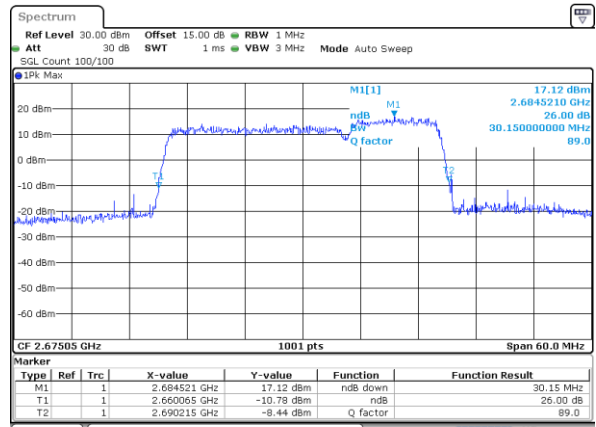
Date: 13.OCT.2021 14:21:41

Highest Channel / 20MHz+5MHz



Date: 18.OCT.2021 16:05:47

Highest Channel / 20MHz+10MHz



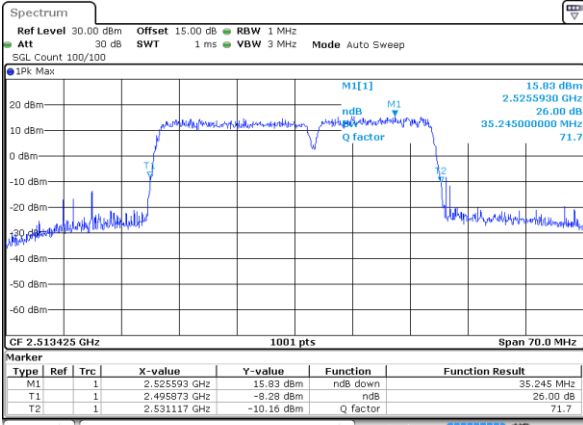
Date: 13.OCT.2021 14:32:59



LTE Band 41C

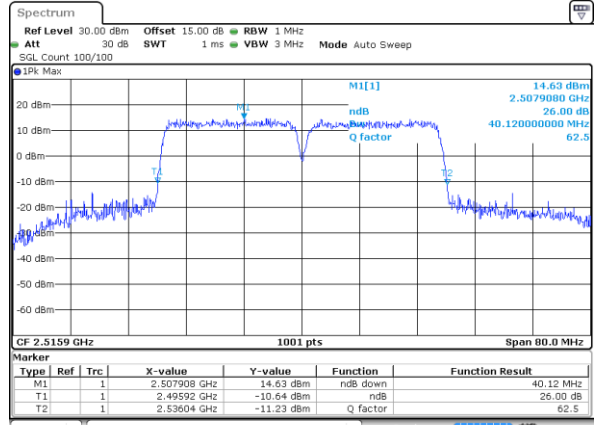
QPSK

Lowest Channel / 20MHz+15MHz



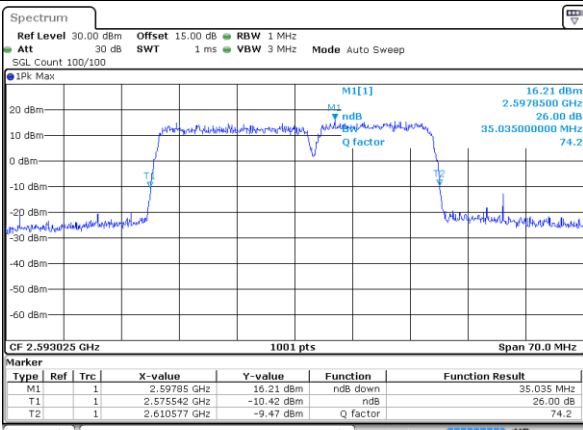
Date: 13.OCT.2021 15:25:04

Lowest Channel / 20MHz+20MHz



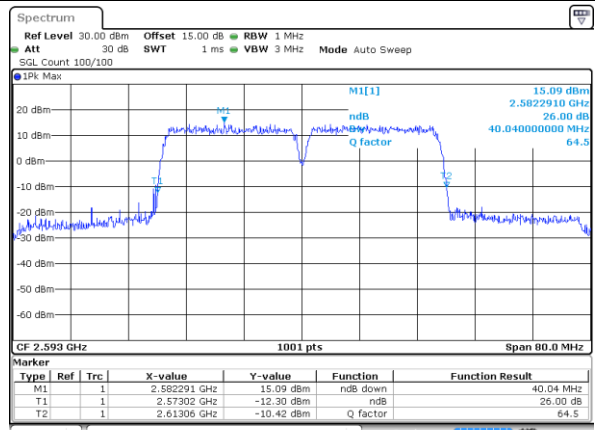
Date: 13.OCT.2021 15:48:11

Middle Channel / 20MHz+15MHz



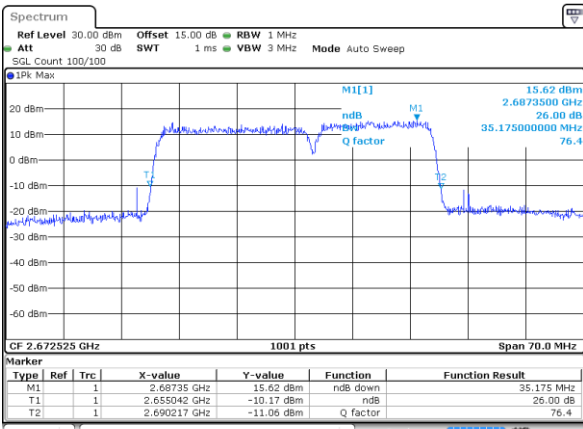
Date: 13.OCT.2021 15:29:40

Middle Channel / 20MHz+20MHz



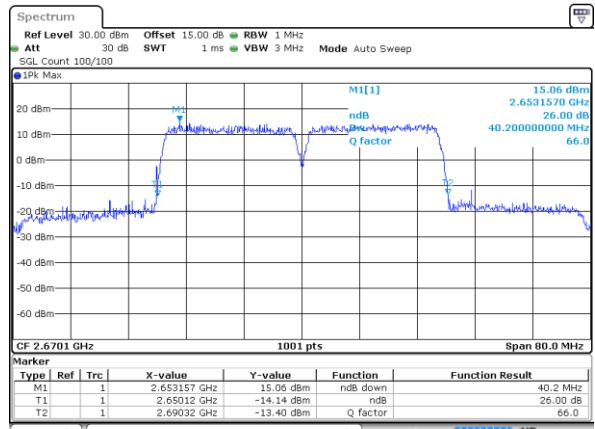
Date: 13.OCT.2021 15:53:27

Highest Channel / 20MHz+15MHz



Date: 13.OCT.2021 15:11:34

Highest Channel / 20MHz+20MHz



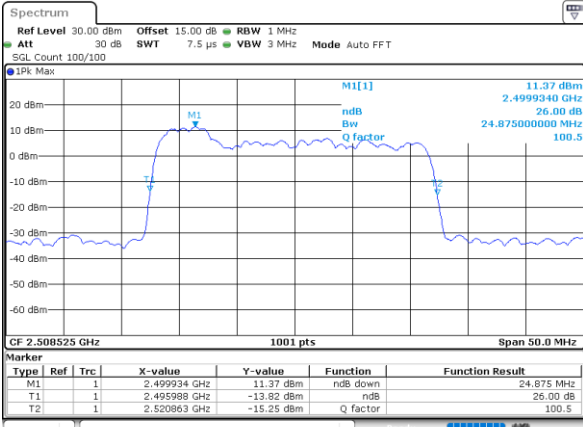
Date: 13.OCT.2021 15:40:11



LTE Band 41C

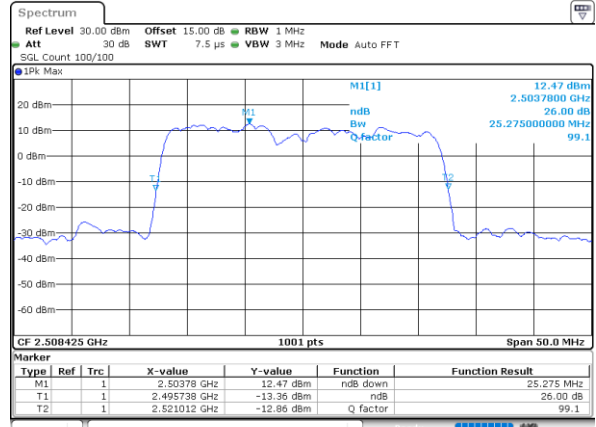
16QAM

Lowest Channel / 5MHz+20MHz



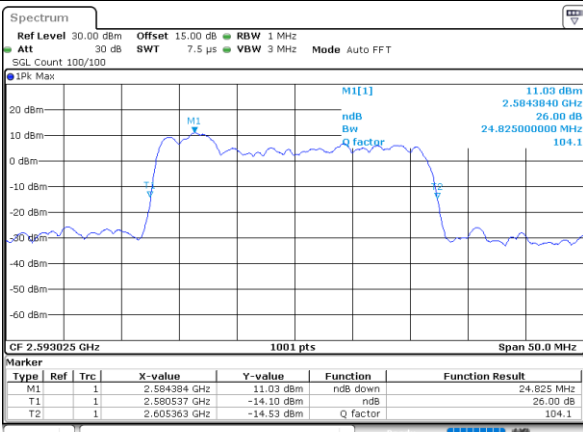
Date: 18.OCT.2021 15:40:07

Lowest Channel / 10MHz+15MHz



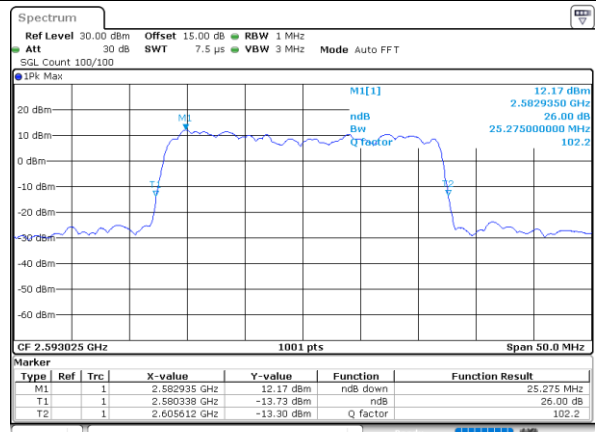
Date: 18.OCT.2021 16:10:59

Middle Channel / 5MHz+20MHz



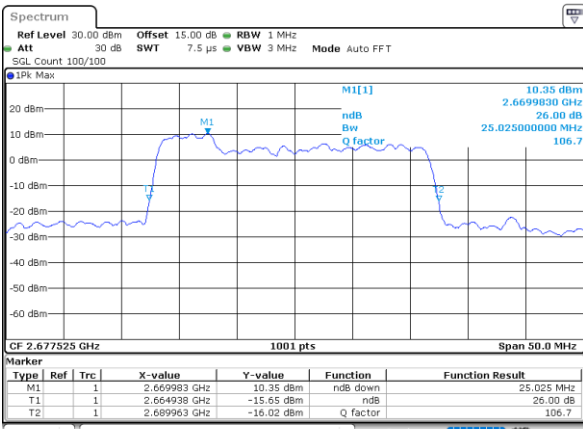
Date: 18.OCT.2021 15:44:07

Middle Channel / 10MHz+15MHz



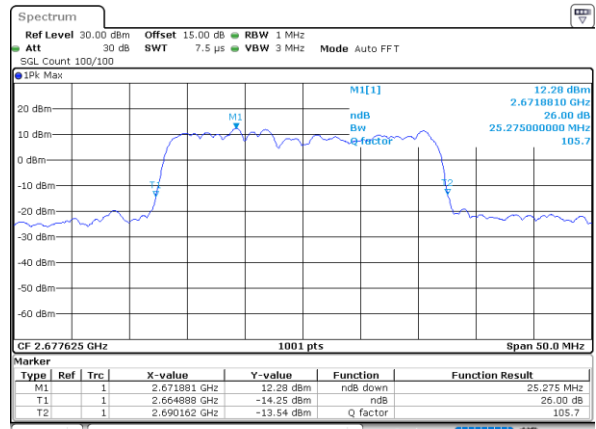
Date: 18.OCT.2021 16:15:22

Highest Channel / 5MHz+20MHz



Date: 18.OCT.2021 15:48:12

Highest Channel / 10MHz+15MHz



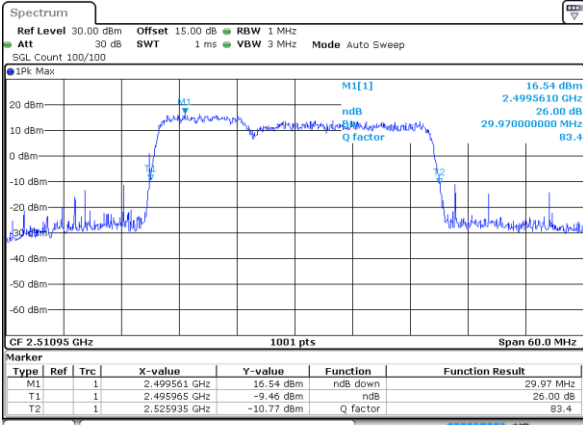
Date: 18.OCT.2021 16:23:27



LTE Band 41C

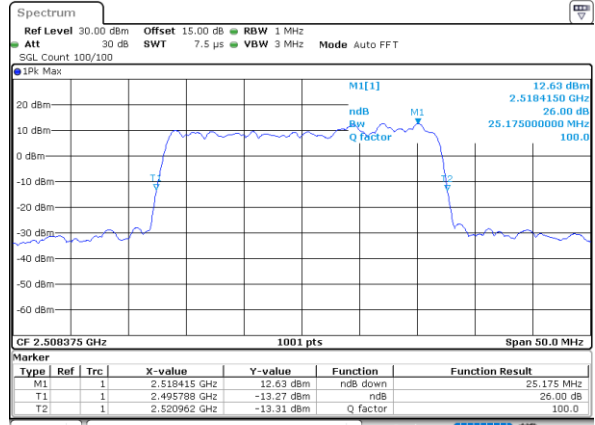
16QAM

Lowest Channel / 10MHz+20MHz



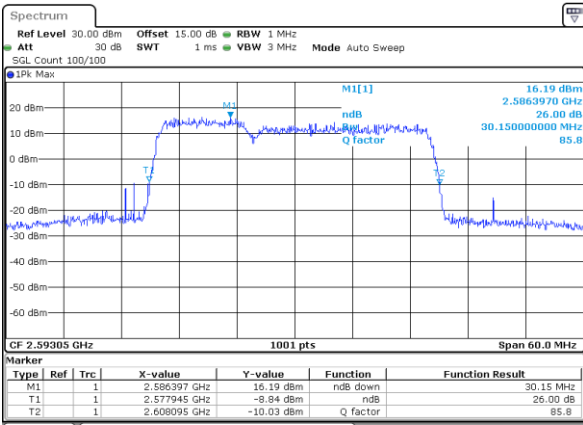
Date: 13.OCT.2021 13:39:38

Lowest Channel / 15MHz+10MHz



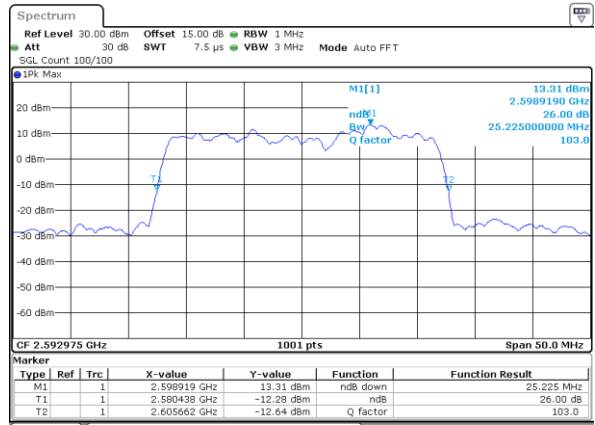
Date: 18.OCT.2021 16:27:38

Middle Channel / 10MHz+20MHz



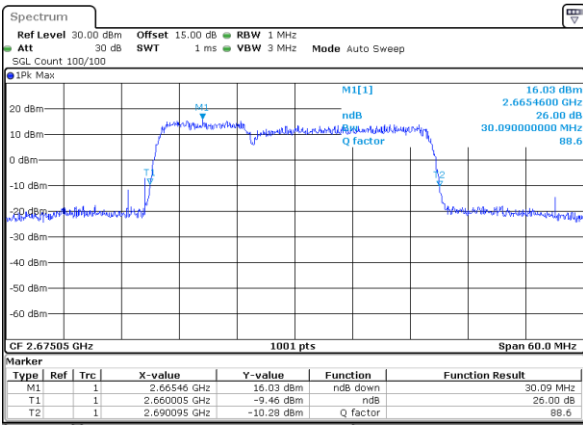
Date: 13.OCT.2021 13:44:02

Middle Channel / 15MHz+10MHz



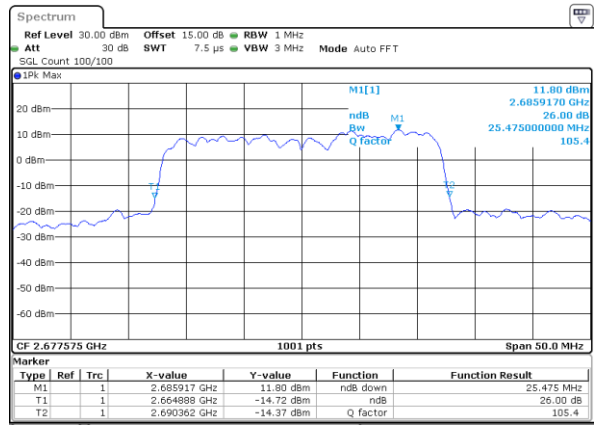
Date: 18.OCT.2021 16:13:34

Highest Channel / 10MHz+20MHz



Date: 13.OCT.2021 13:55:18

Highest Channel / 15MHz+10MHz



Date: 18.OCT.2021 16:41:55

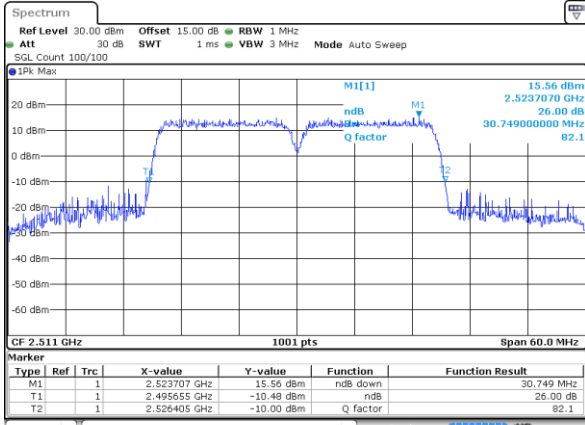




LTE Band 41C

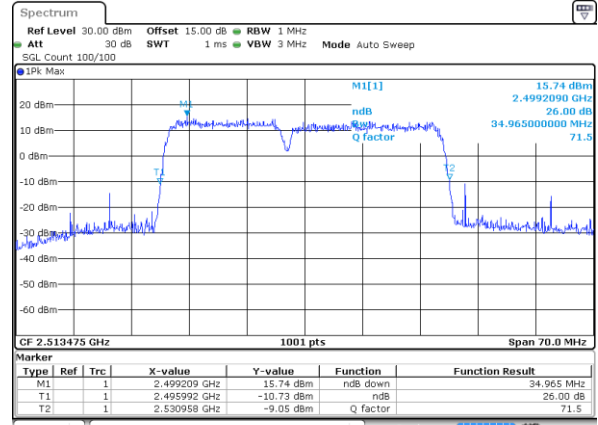
16QAM

Lowest Channel / 15MHz+15MHz



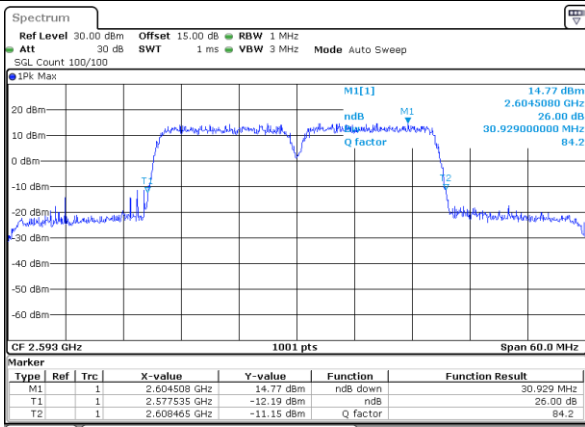
Date: 13.OCT.2021 14:43:54

Lowest Channel / 15MHz+20MHz



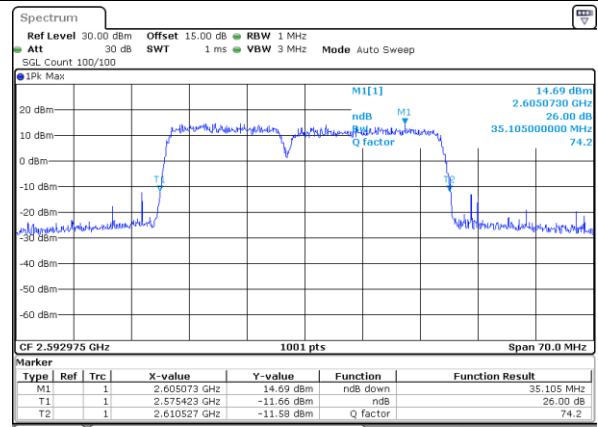
Date: 13.OCT.2021 15:02:40

Middle Channel / 15MHz+15MHz



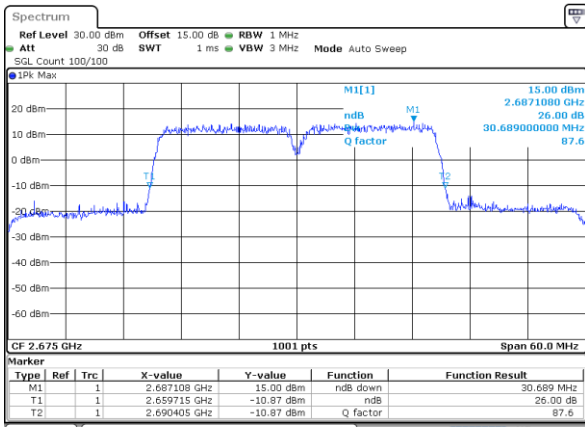
Date: 13.OCT.2021 14:48:05

Middle Channel / 15MHz+20MHz



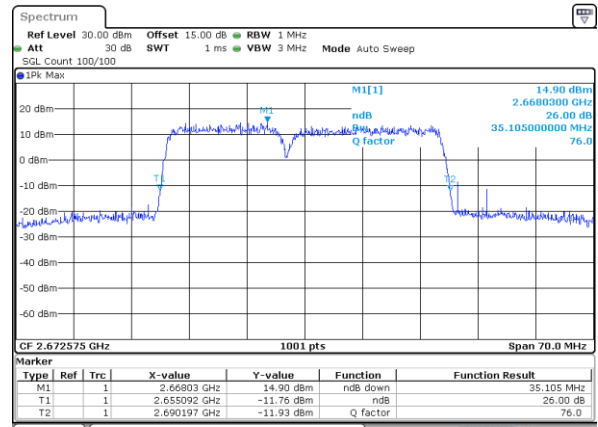
Date: 13.OCT.2021 15:07:17

Highest Channel / 15MHz+15MHz



Date: 13.OCT.2021 14:38:58

Highest Channel / 15MHz+20MHz



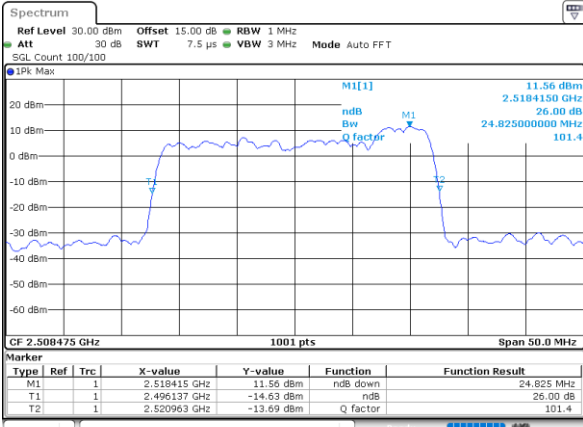
Date: 13.OCT.2021 14:52:56



LTE Band 41C

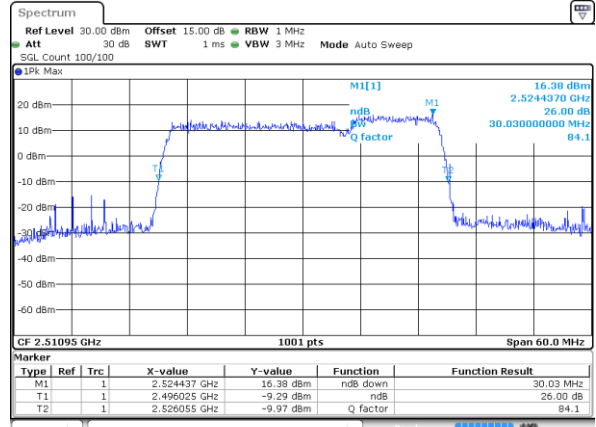
16QAM

Lowest Channel / 20MHz+5MHz



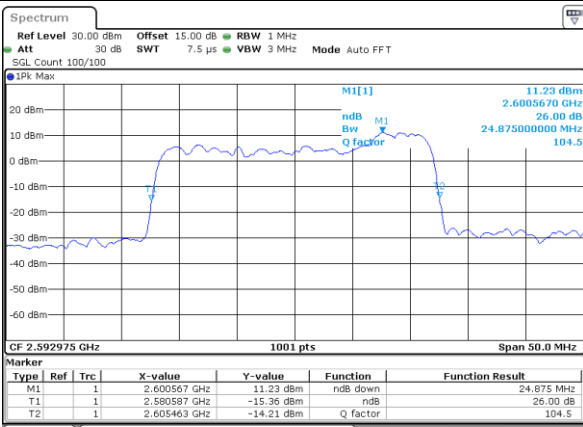
Date: 18.OCT.2021 15:54:47

Lowest Channel / 20MHz+10MHz



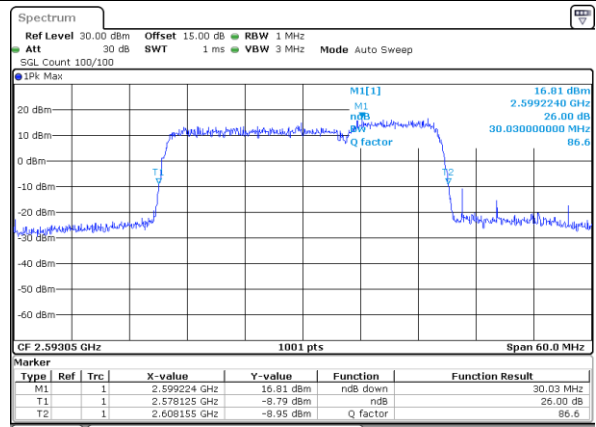
Date: 13.OCT.2021 14:10:34

Middle Channel / 20MHz+5MHz



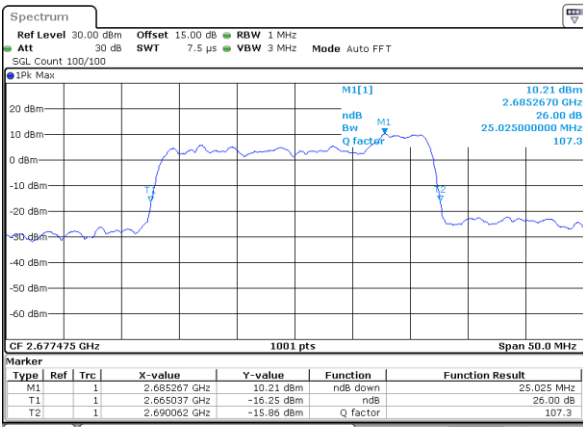
Date: 18.OCT.2021 15:58:46

Middle Channel / 20MHz+10MHz



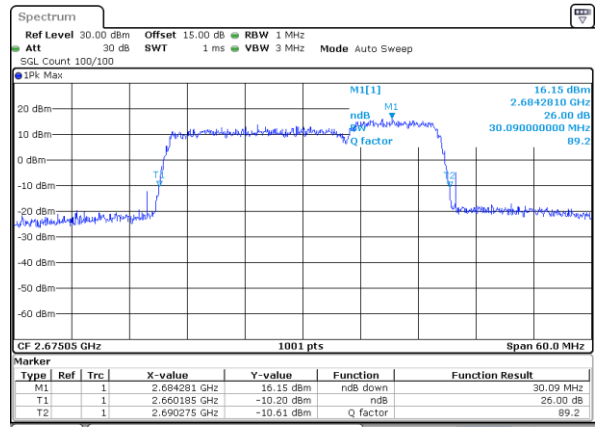
Date: 13.OCT.2021 14:21:10

Highest Channel / 20MHz+5MHz



Date: 18.OCT.2021 16:06:17

Highest Channel / 20MHz+10MHz



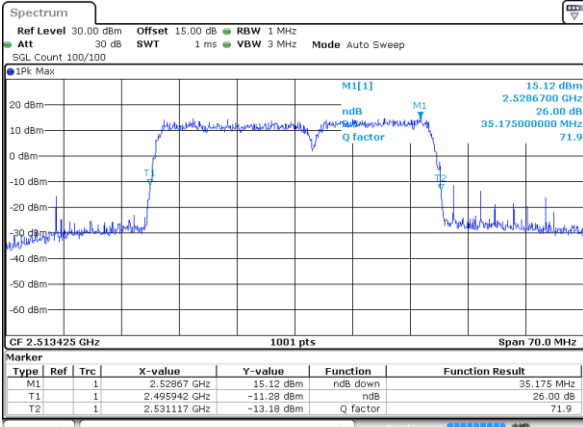
Date: 13.OCT.2021 14:34:10



LTE Band 41C

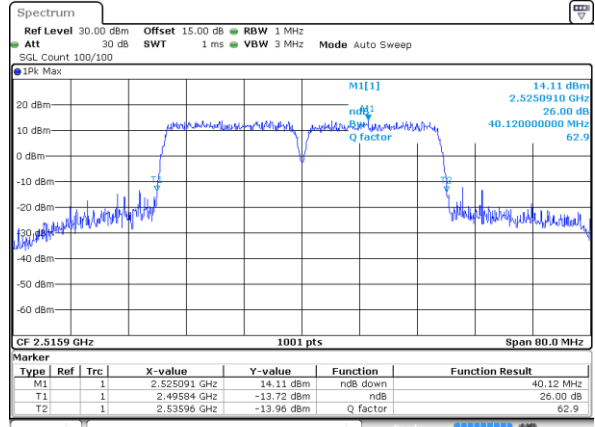
16QAM

Lowest Channel / 20MHz+15MHz



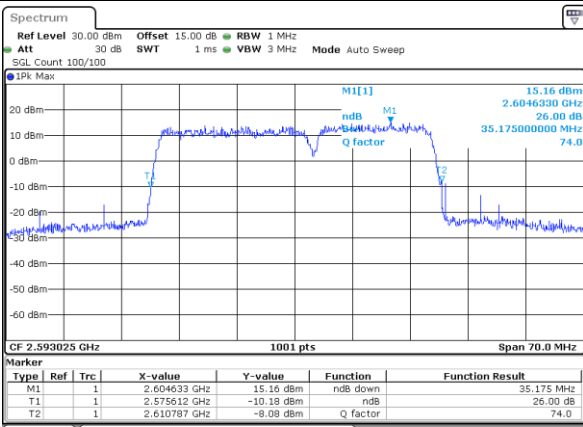
Date: 13.OCT.2021 15:24:33

Lowest Channel / 20MHz+20MHz



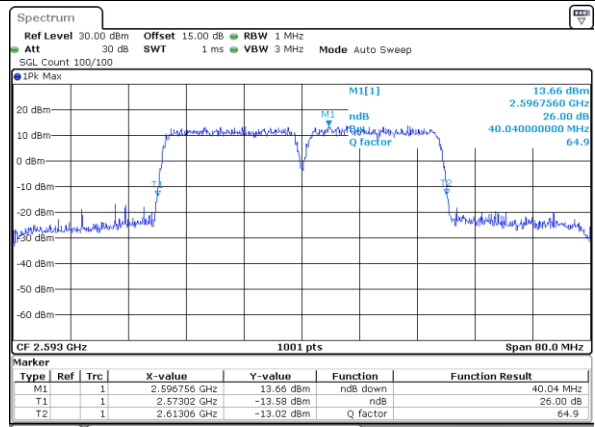
Date: 13.OCT.2021 15:47:40

Middle Channel / 20MHz+15MHz



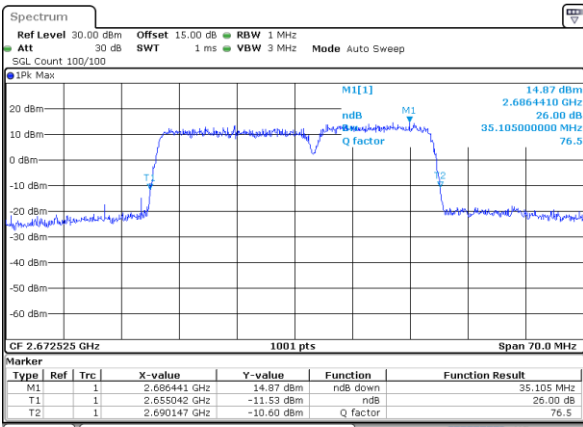
Date: 13.OCT.2021 15:29:10

Middle Channel / 20MHz+20MHz



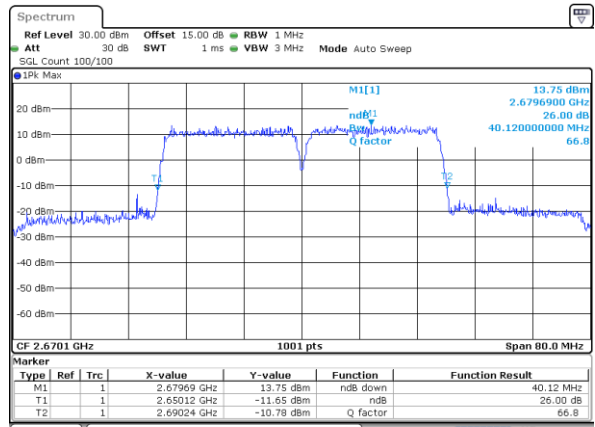
Date: 13.OCT.2021 15:52:56

Highest Channel / 20MHz+15MHz



Date: 13.OCT.2021 15:14:47

Highest Channel / 20MHz+20MHz



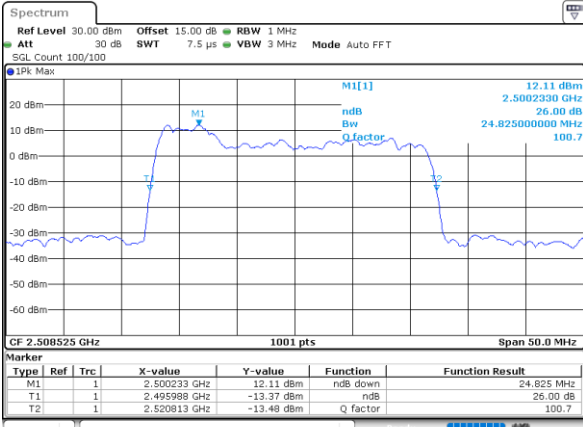
Date: 13.OCT.2021 15:41:07



LTE Band 41C

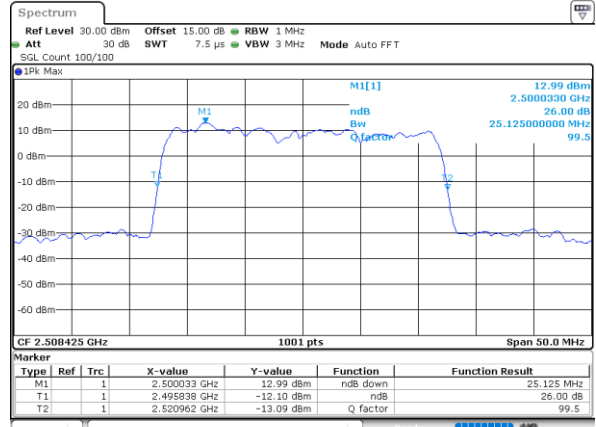
64QAM

Lowest Channel / 5MHz+20MHz



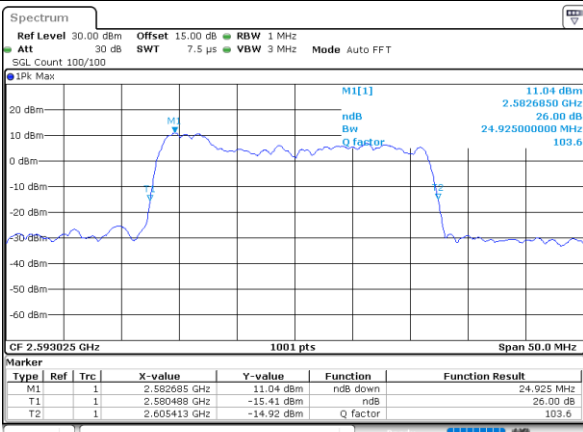
Date: 18.OCT.2021 15:39:37

Lowest Channel / 10MHz+15MHz



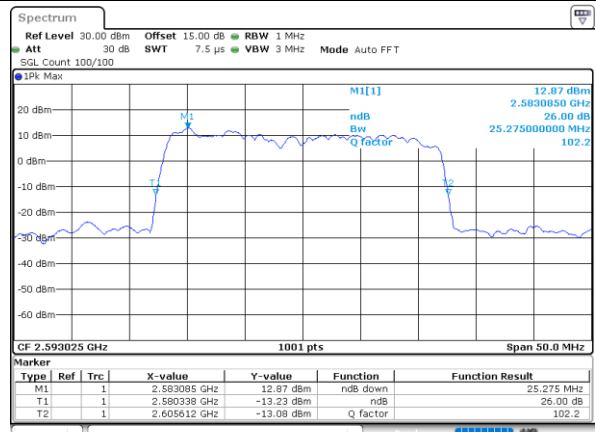
Date: 18.OCT.2021 16:10:29

Middle Channel / 5MHz+20MHz



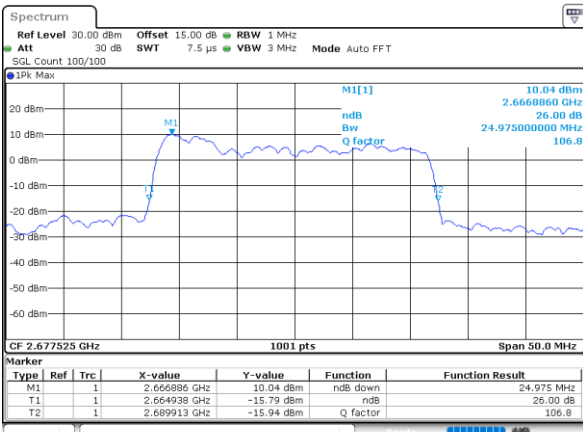
Date: 18.OCT.2021 15:43:37

Middle Channel / 10MHz+15MHz



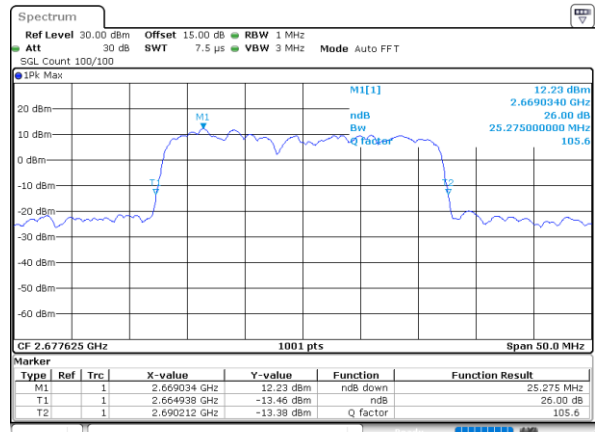
Date: 18.OCT.2021 16:14:51

Highest Channel / 5MHz+20MHz



Date: 18.OCT.2021 15:48:42

Highest Channel / 10MHz+15MHz



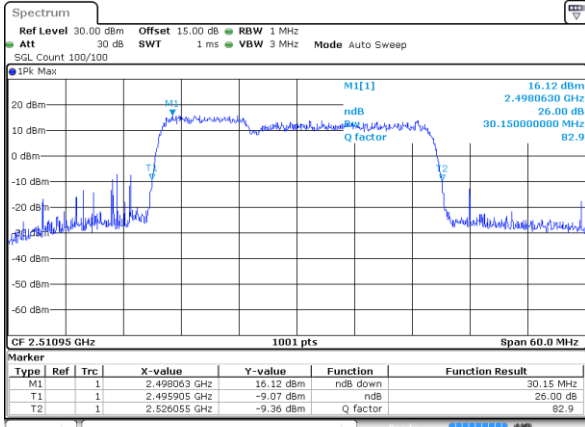
Date: 18.OCT.2021 16:23:57



LTE Band 41C

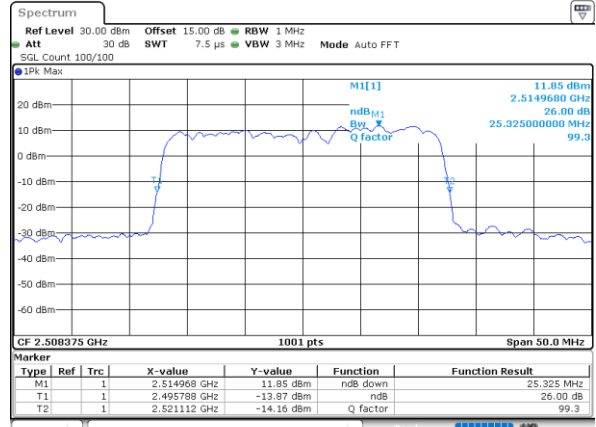
64QAM

Lowest Channel / 10MHz+20MHz



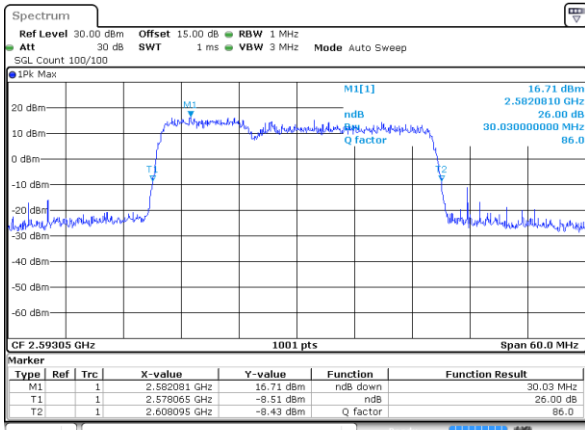
Date: 13.OCT.2021 13:39:07

Lowest Channel / 15MHz+10MHz



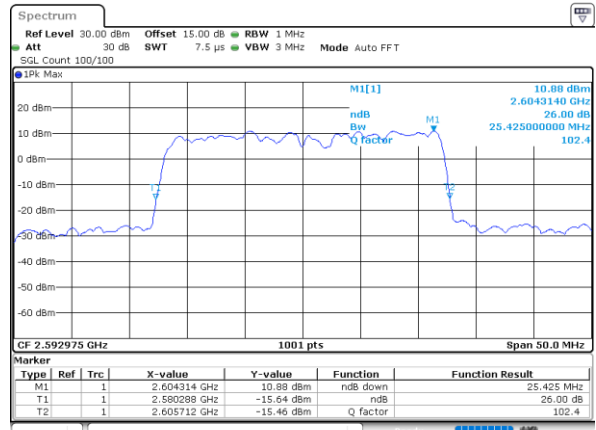
Date: 18.OCT.2021 16:27:07

Middle Channel / 10MHz+20MHz



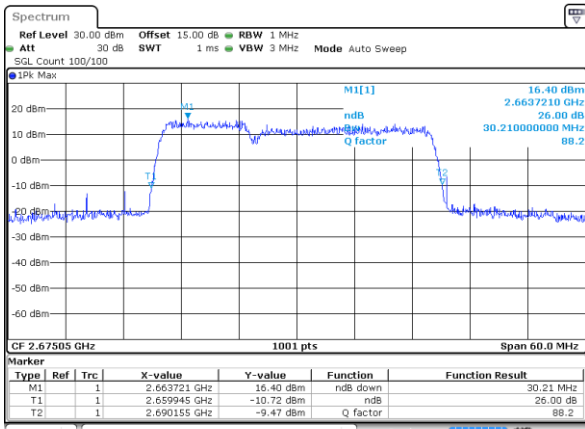
Date: 13.OCT.2021 13:43:32

Middle Channel / 15MHz+10MHz



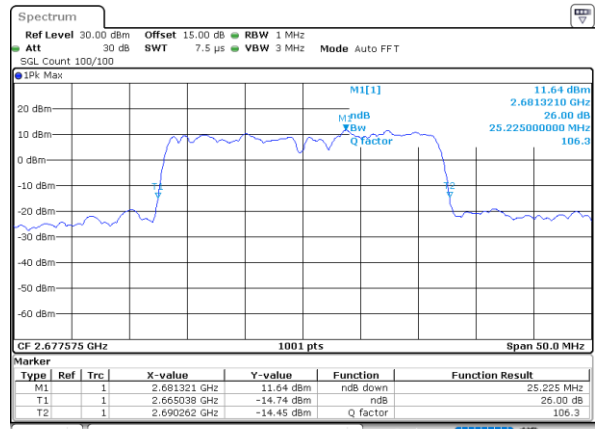
Date: 18.OCT.2021 16:13:03

Highest Channel / 10MHz+20MHz



Date: 13.OCT.2021 13:55:49

Highest Channel / 15MHz+10MHz



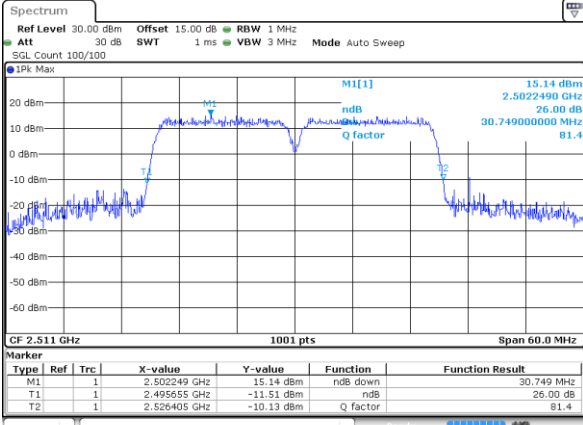
Date: 18.OCT.2021 16:42:25



LTE Band 41C

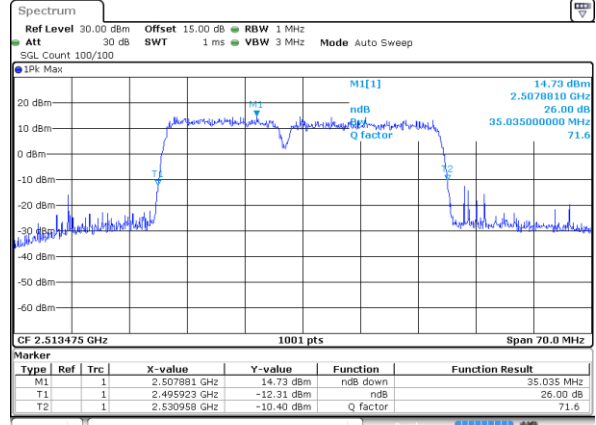
64QAM

Lowest Channel / 15MHz+15MHz



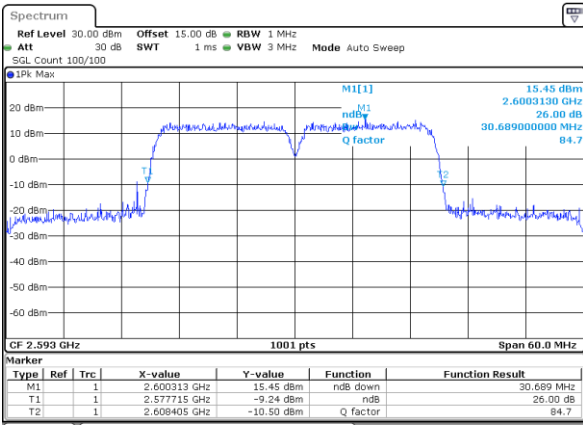
Date: 13.OCT.2021 14:43:23

Lowest Channel / 15MHz+20MHz



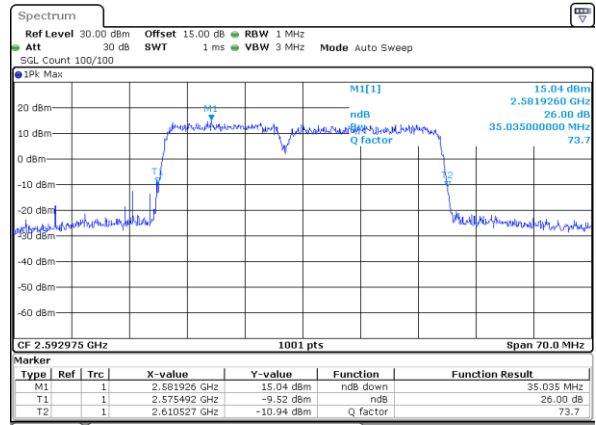
Date: 13.OCT.2021 15:02:10

Middle Channel / 15MHz+15MHz



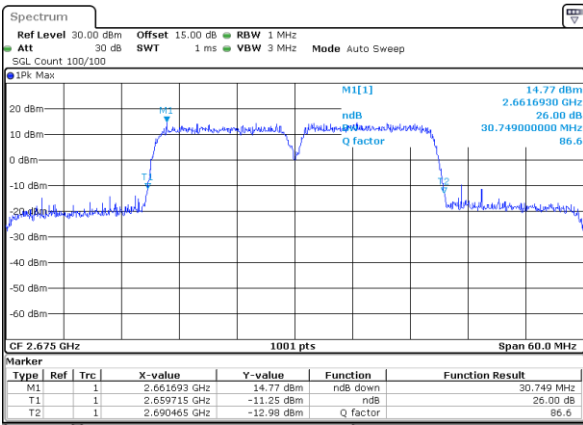
Date: 13.OCT.2021 14:47:08

Middle Channel / 15MHz+20MHz



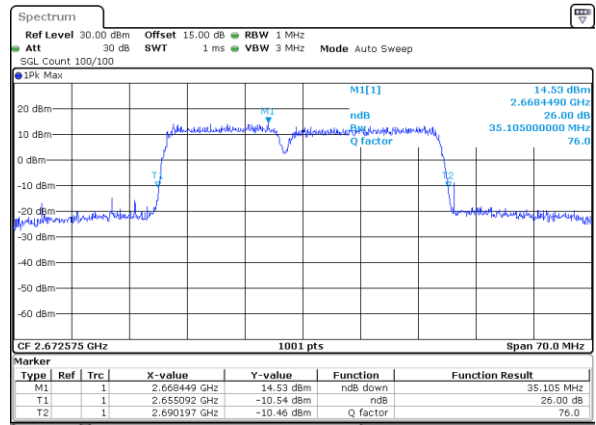
Date: 13.OCT.2021 15:06:47

Highest Channel / 15MHz+15MHz



Date: 13.OCT.2021 14:39:29

Highest Channel / 15MHz+20MHz



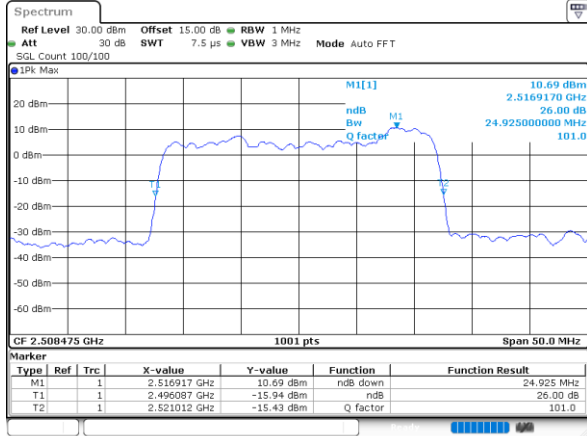
Date: 13.OCT.2021 14:53:27



LTE Band 41C

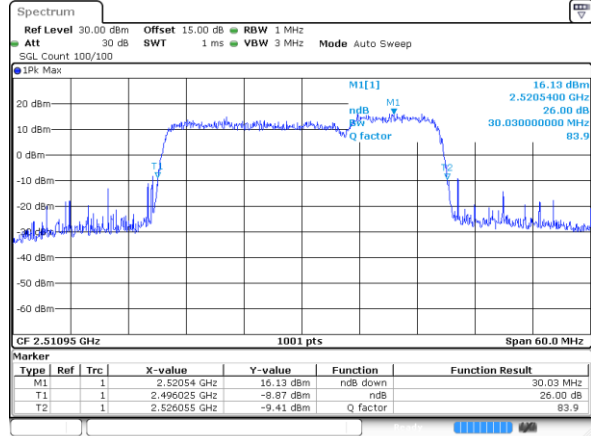
64QAM

Lowest Channel / 20MHz+5MHz



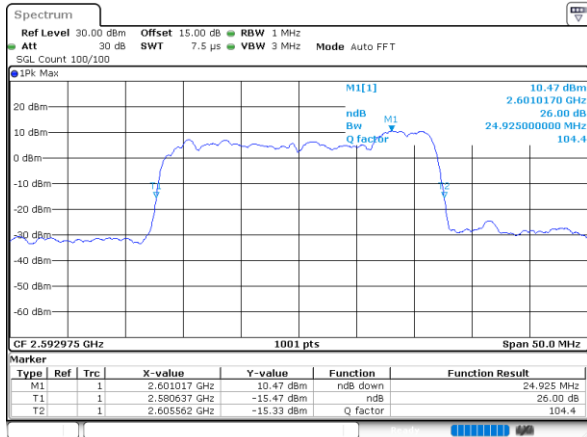
Date: 18\_OCT.2021 15:54:16

Lowest Channel / 20MHz+10MHz



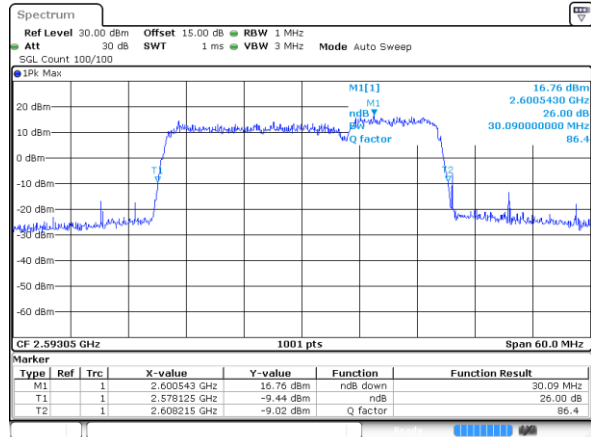
Date: 13 OCT.2021 14:10:03

Middle Channel / 20MHz+5MHz



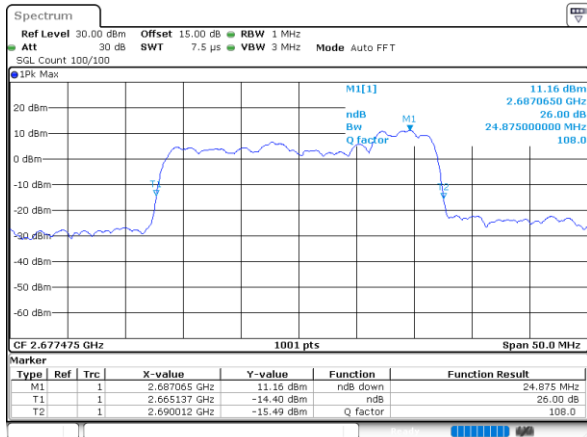
Date: 18\_OCT.2021 15:58:15

Middle Channel / 20MHz+10MHz



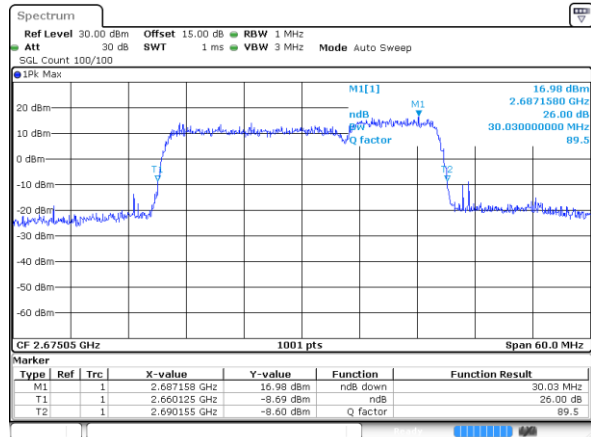
Date: 13 OCT.2021 14:20:40

Highest Channel / 20MHz+5MHz



Date: 18\_OCT.2021 16:06:48

Highest Channel / 20MHz+10MHz



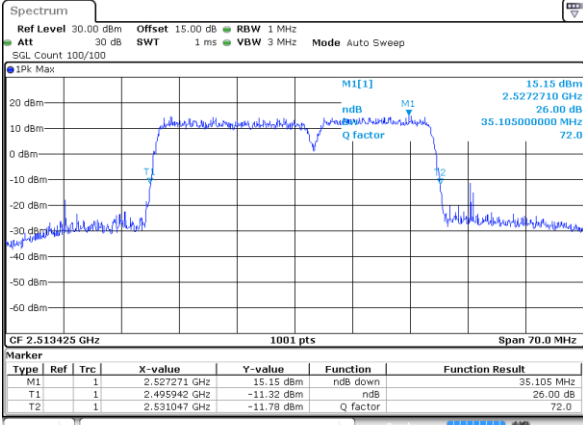
Date: 13 OCT.2021 14:34:40



LTE Band 41C

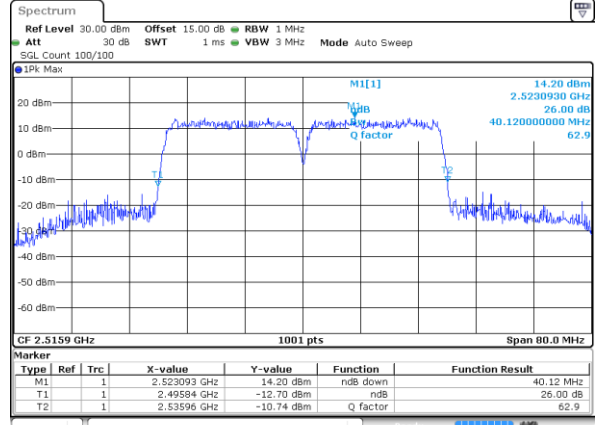
64QAM

Lowest Channel / 20MHz+15MHz



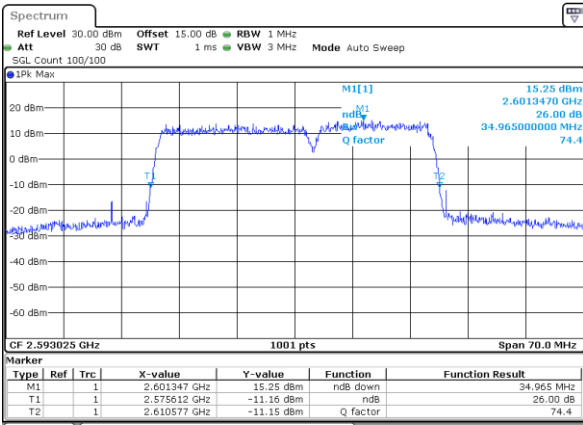
Date: 13.OCT.2021 15:24:03

Lowest Channel / 20MHz+20MHz



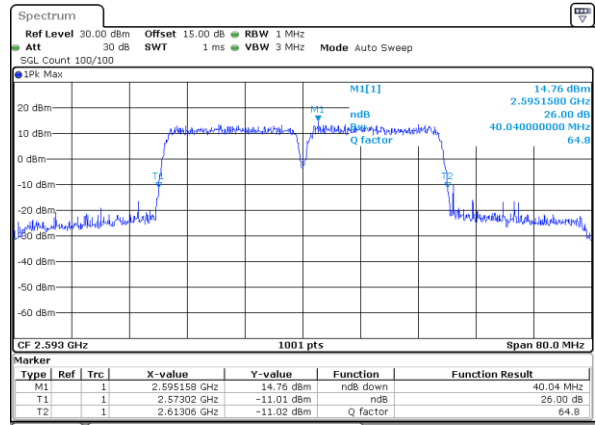
Date: 13.OCT.2021 15:47:10

Middle Channel / 20MHz+15MHz



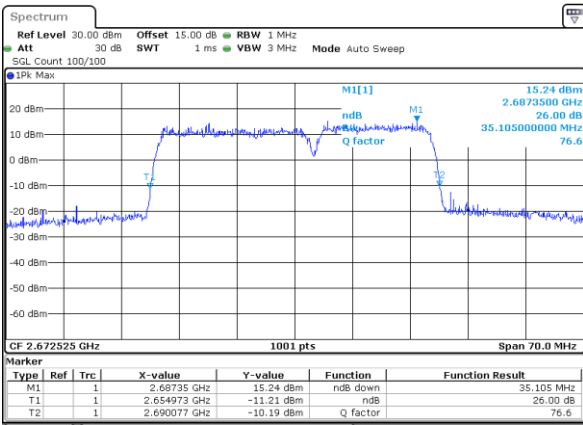
Date: 13.OCT.2021 15:28:39

Middle Channel / 20MHz+20MHz



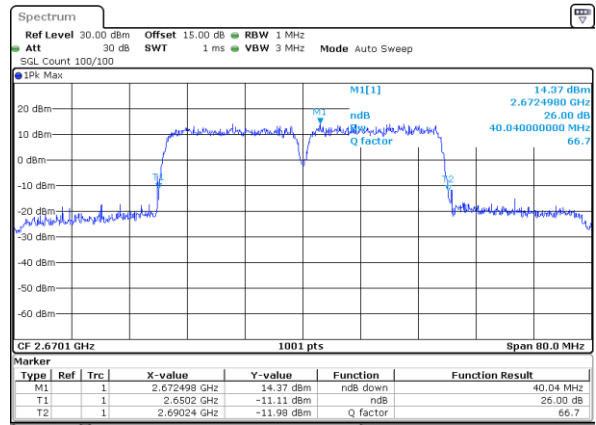
Date: 13.OCT.2021 15:52:00

Highest Channel / 20MHz+15MHz



Date: 13.OCT.2021 15:15:17

Highest Channel / 20MHz+20MHz



Date: 13.OCT.2021 15:41:37





### Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.38	28.05	23.43	28.71
Middle CH	23.33	23.38	28.05	23.38	28.65
Highest CH	23.33	23.68	28.17	23.68	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.33	28.11	32.87	37.72
Middle CH	32.94	23.18	28.05	32.87	37.64
Highest CH	32.94	23.28	28.11	33.01	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.48	28.11	23.43	28.71
Middle CH	23.33	23.28	28.05	23.48	28.65
Highest CH	23.33	23.43	28.05	23.43	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.23	28.05	32.94	37.72
Middle CH	32.94	23.38	28.11	32.87	37.64
Highest CH	32.94	23.33	28.11	33.01	37.88

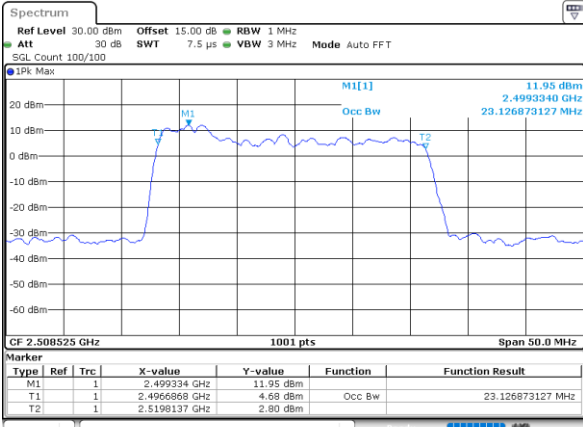
Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.43	28.05	23.53	28.65
Middle CH	23.13	23.43	28.17	23.53	28.65
Highest CH	23.23	23.58	28.17	23.43	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.23	27.99	32.87	37.72
Middle CH	33.01	23.28	28.05	32.80	37.72
Highest CH	32.94	23.33	28.11	32.94	37.80



LTE Band 41C

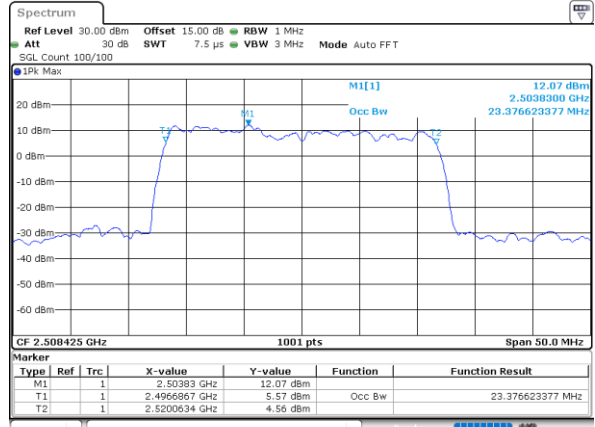
QPSK

Lowest Channel / 5MHz+20MHz



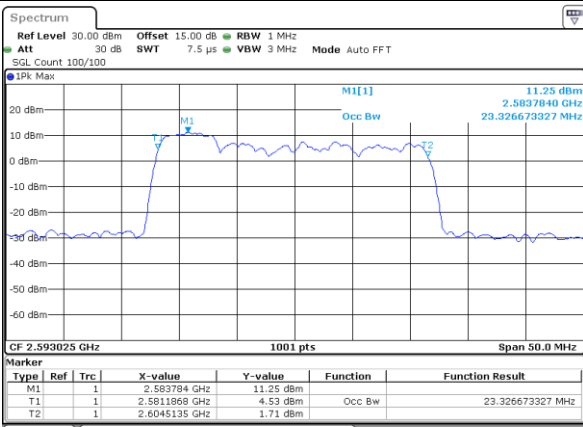
Date: 18.OCT.2021 15:38:05

Lowest Channel / 10MHz+15MHz



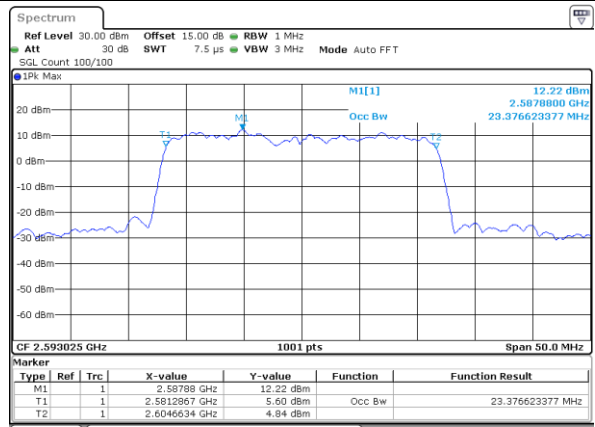
Date: 18.OCT.2021 16:08:58

Middle Channel / 5MHz+20MHz



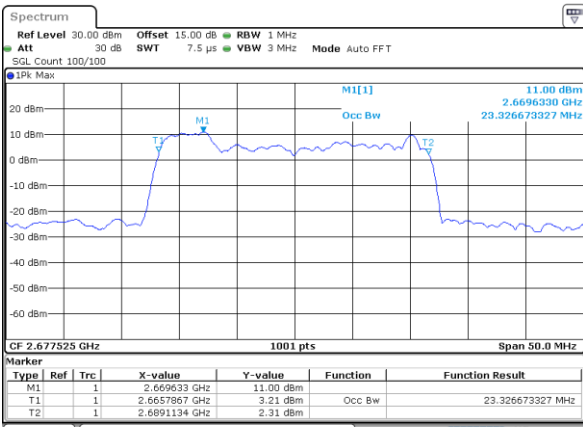
Date: 18.OCT.2021 15:42:06

Middle Channel / 10MHz+15MHz



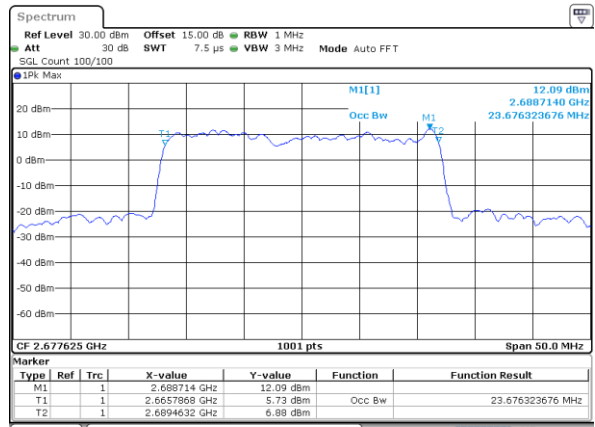
Date: 18.OCT.2021 16:13:17

Highest Channel / 5MHz+20MHz



Date: 18.OCT.2021 15:47:12

Highest Channel / 10MHz+15MHz



Date: 18.OCT.2021 16:22:26