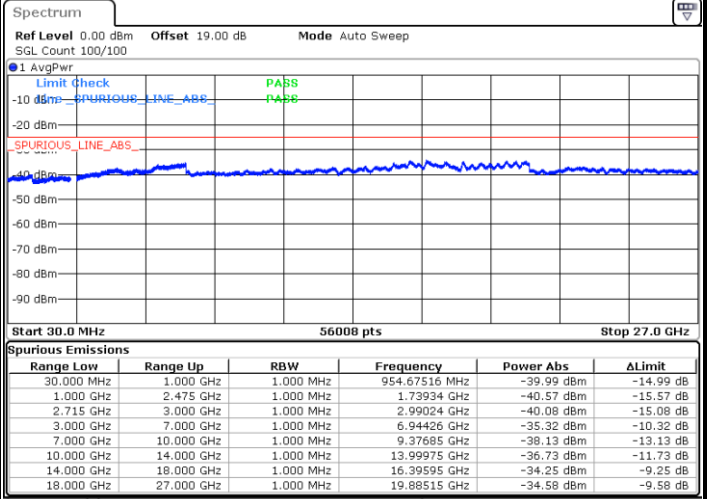
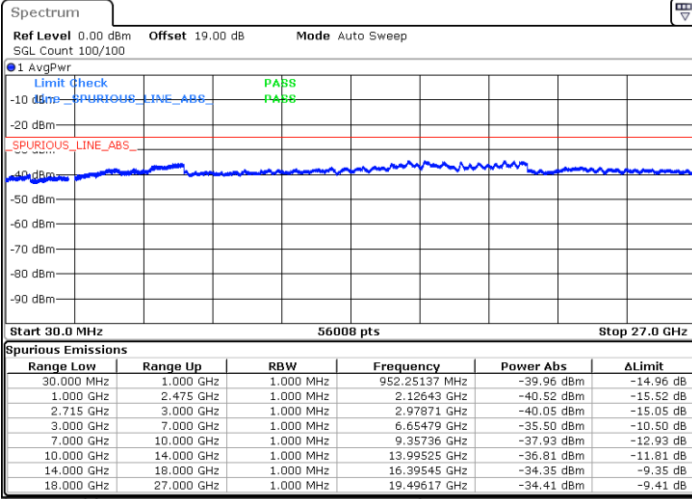




LTE Band 41 / 5MHz

Lowest Channel / 64QAM

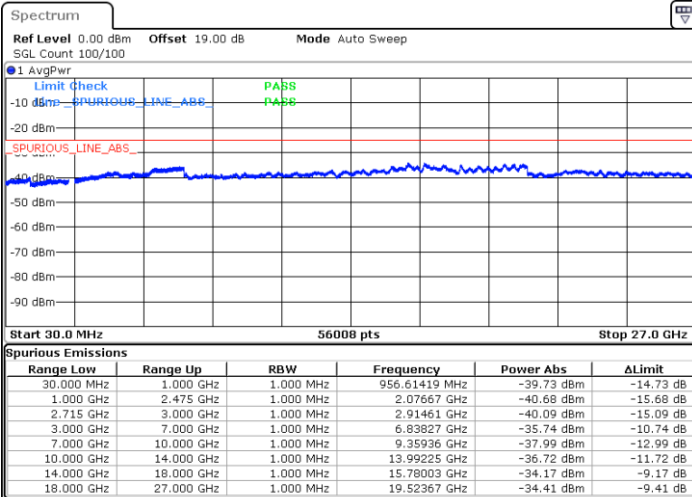
Middle Channel / 64QAM



Date: 31.OCT.2022 22:10:27

Date: 31.OCT.2022 22:10:09

Highest Channel / 64QAM



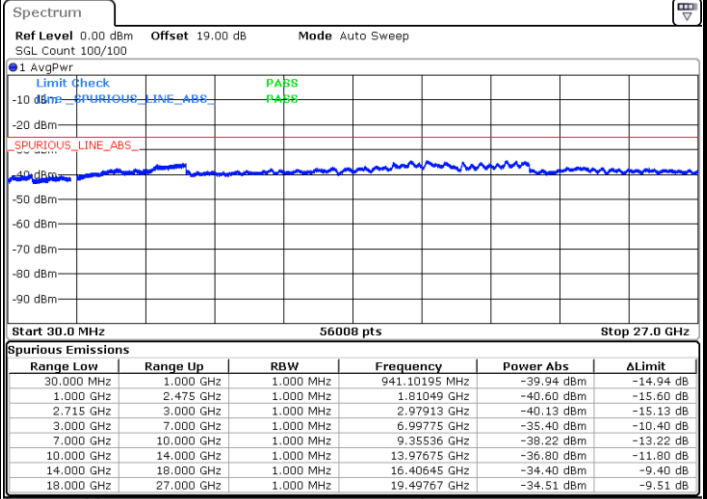
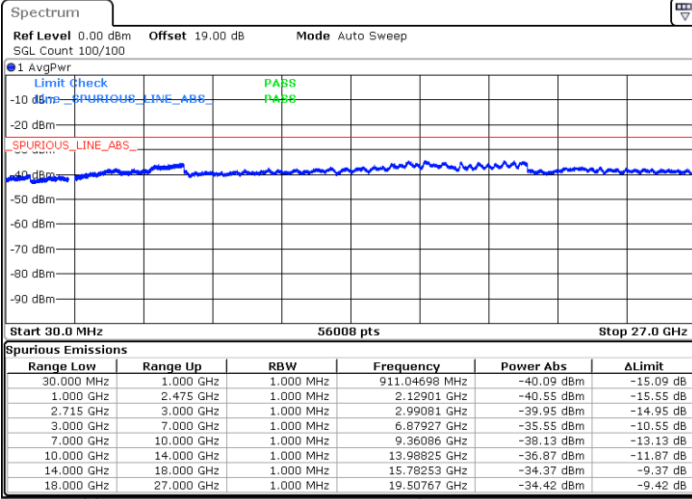
Date: 31.OCT.2022 22:13:51



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

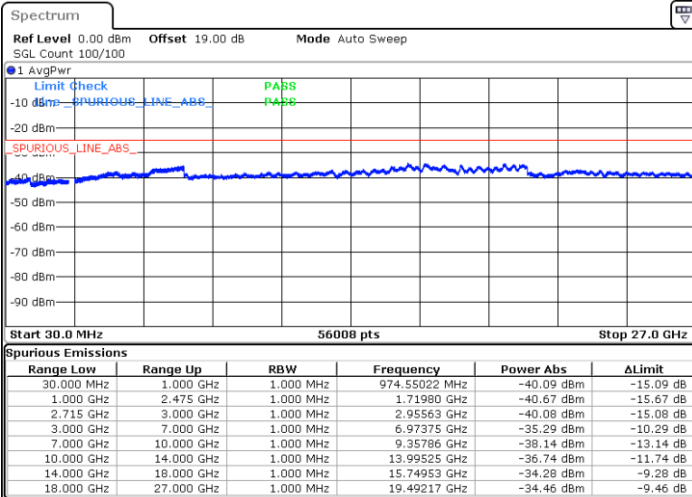
Middle Channel / 64QAM



Date: 31.OCT.2022 22:15:39

Date: 31.OCT.2022 22:17:22

Highest Channel / 64QAM



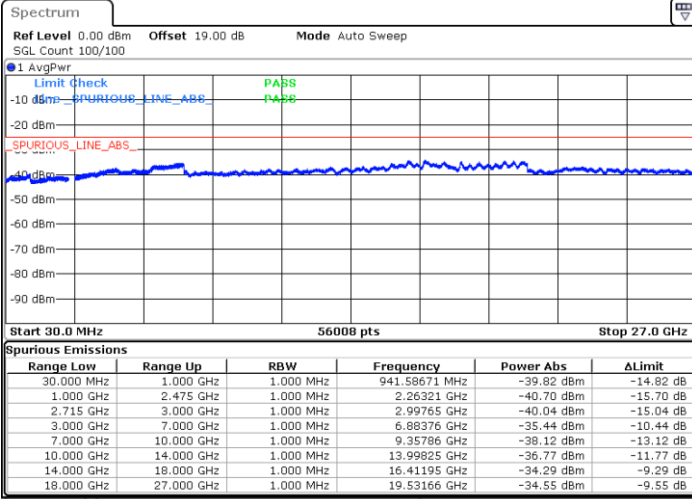
Date: 31.OCT.2022 22:19:04



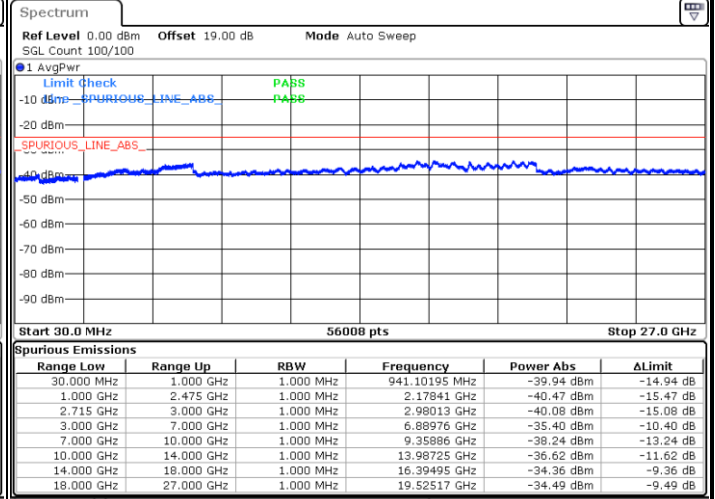
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

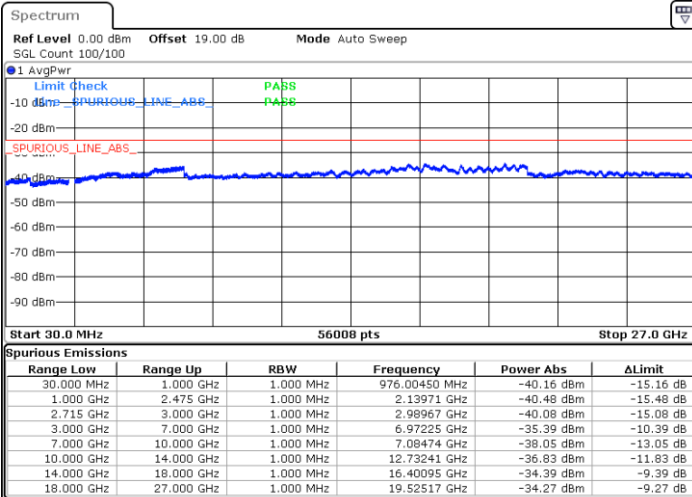


Date: 31.OCT.2022 22:20:52



Date: 31.OCT.2022 22:22:35

Highest Channel / 64QAM



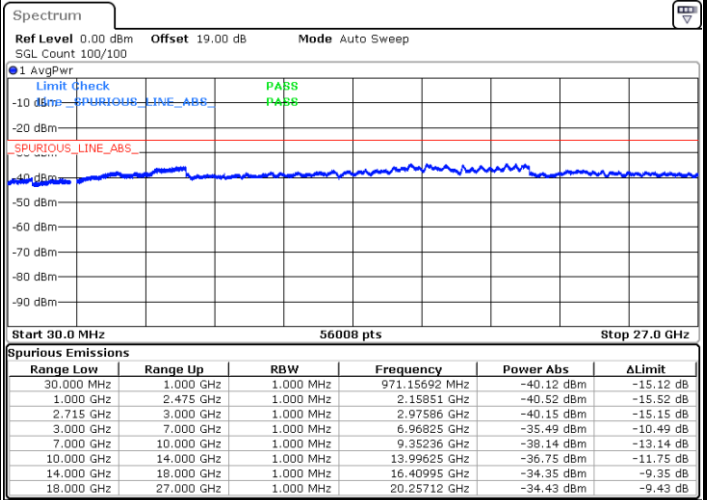
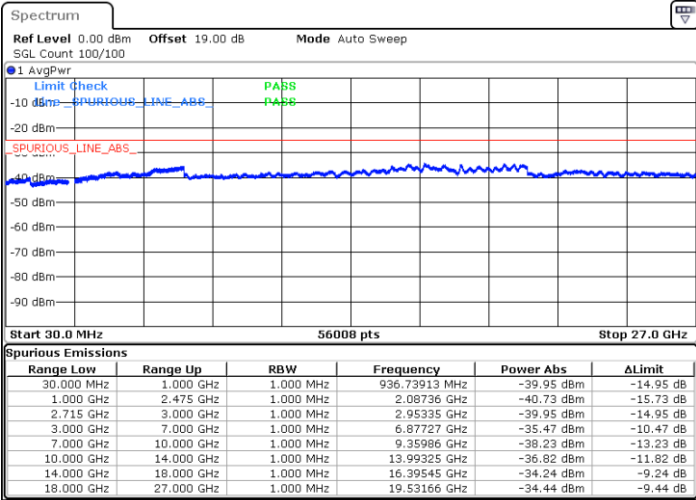
Date: 31.OCT.2022 22:24:17



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

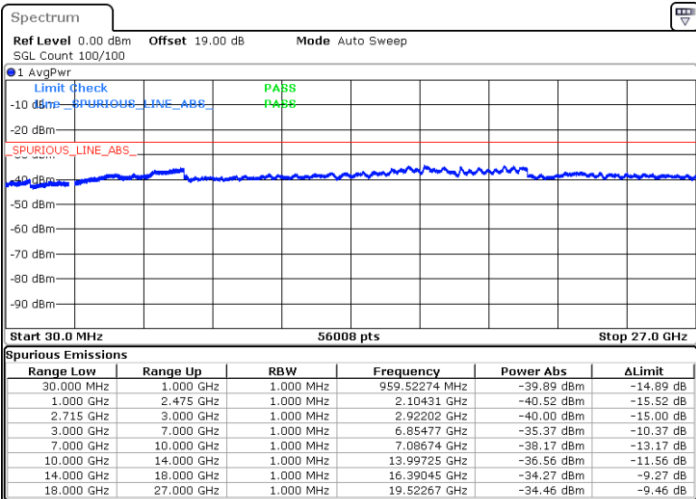
Middle Channel / 64QAM



Date: 31.OCT.2022 22:25:46

Date: 31.OCT.2022 22:27:29

Highest Channel / 64QAM



Date: 31.OCT.2022 22:29:11



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 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	24.78	25.28	29.85	25.18	30.51
Middle CH	24.83	25.13	29.91	25.13	30.57
Highest CH	24.78	25.18	29.91	25.13	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.88	29.97	35.32	39.72
Middle CH	34.83	24.93	29.97	35.04	40.12
Highest CH	34.83	24.93	30.15	34.97	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.18	29.79	25.23	30.51
Middle CH	24.68	25.13	29.91	25.13	30.51
Highest CH	24.78	25.23	29.97	25.28	30.75
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.93	29.97	34.83	39.80
Middle CH	34.83	25.23	29.97	34.90	39.72
Highest CH	34.90	24.83	29.97	34.83	39.80

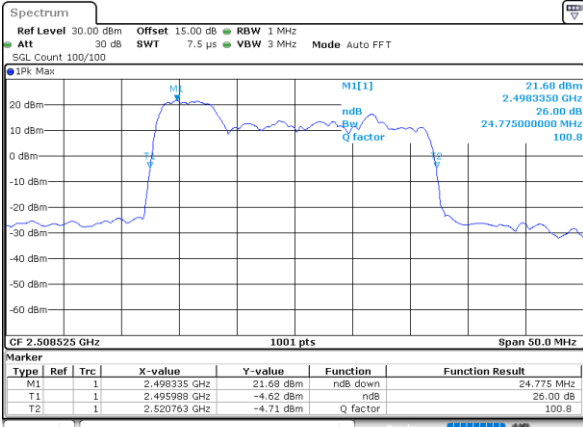
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.08	29.79	25.38	30.39
Middle CH	24.78	25.08	29.67	25.03	30.63
Highest CH	24.68	25.13	29.85	25.28	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	25.03	29.97	34.97	39.88
Middle CH	34.83	24.83	29.91	34.83	39.72
Highest CH	34.83	24.83	30.09	35.25	39.56



LTE Band 41C

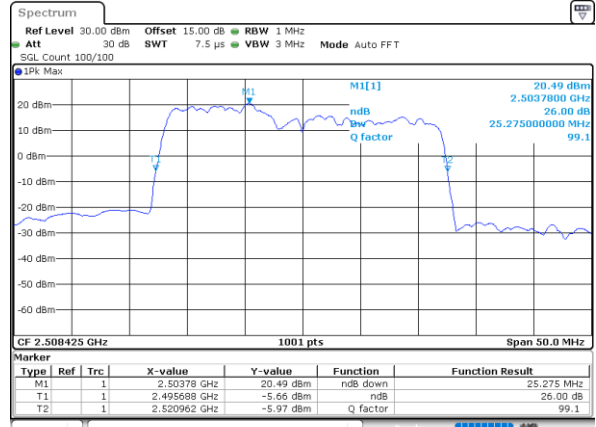
QPSK

Lowest Channel / 5MHz+20MHz



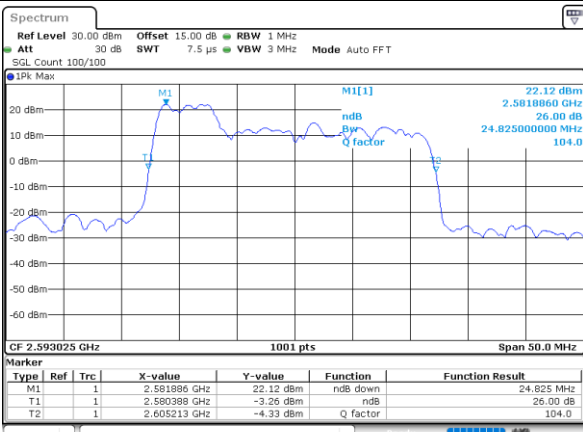
Date: 19,NOV,2022 23:31:26

Lowest Channel / 10MHz+15MHz



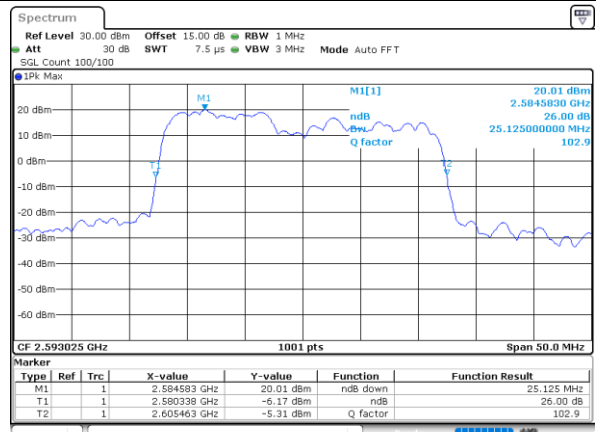
Date: 20,NOV,2022 00:14:19

Middle Channel / 5MHz+20MHz



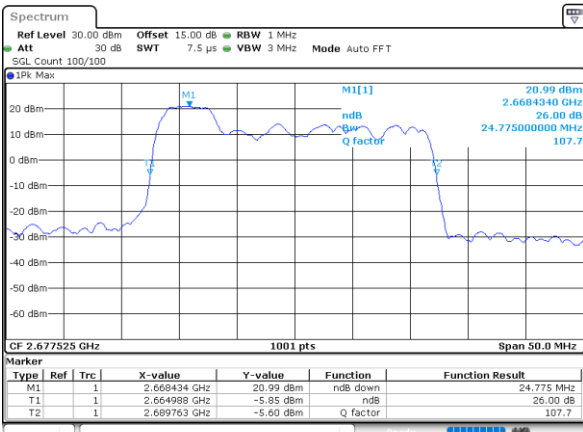
Date: 19,NOV,2022 23:34:40

Middle Channel / 10MHz+15MHz



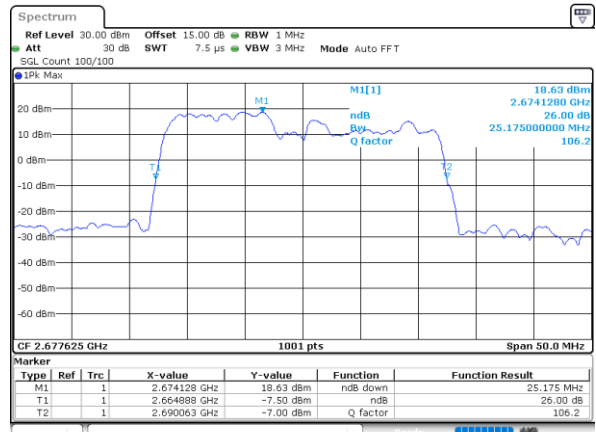
Date: 20,NOV,2022 00:14:33

Highest Channel / 5MHz+20MHz



Date: 19,NOV,2022 23:36:50

Highest Channel / 10MHz+15MHz



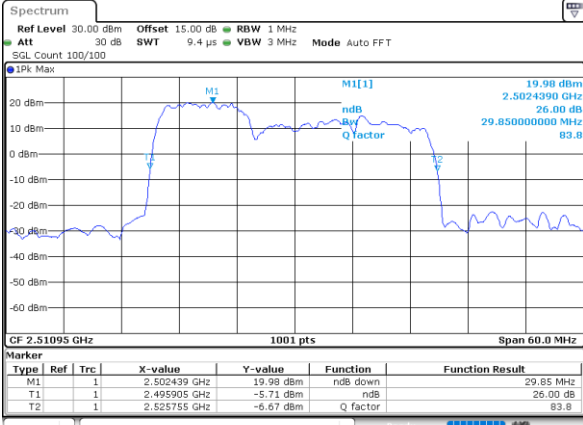
Date: 20,NOV,2022 00:14:43



LTE Band 41C

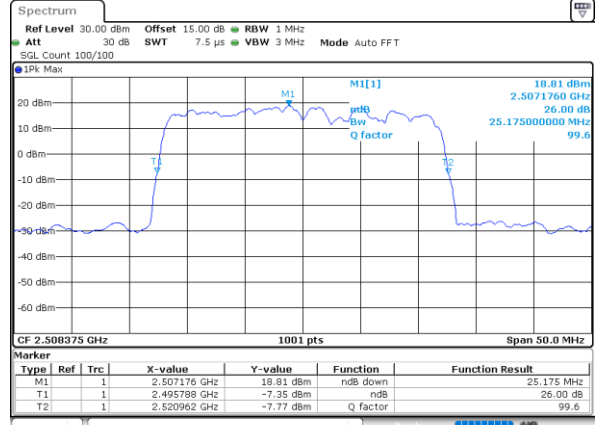
QPSK

Lowest Channel / 10MHz+20MHz



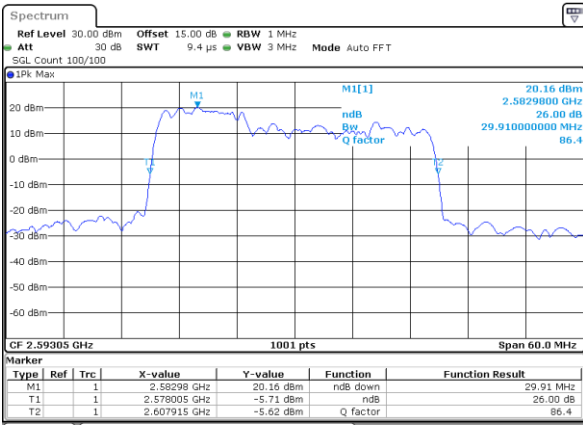
Date: 20.NOV.2022 01:01:48

Lowest Channel / 15MHz+10MHz



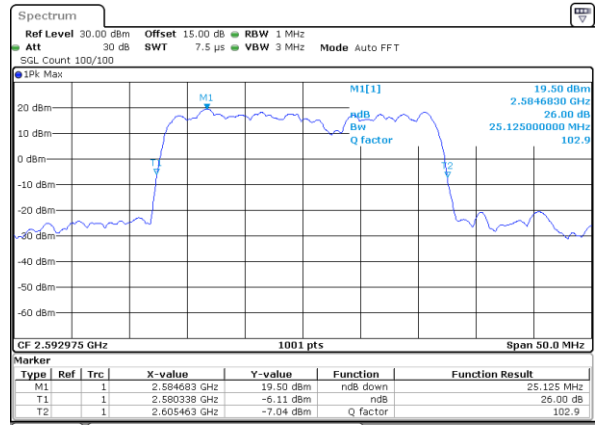
Date: 20.NOV.2022 00:52:01

Middle Channel / 10MHz+20MHz



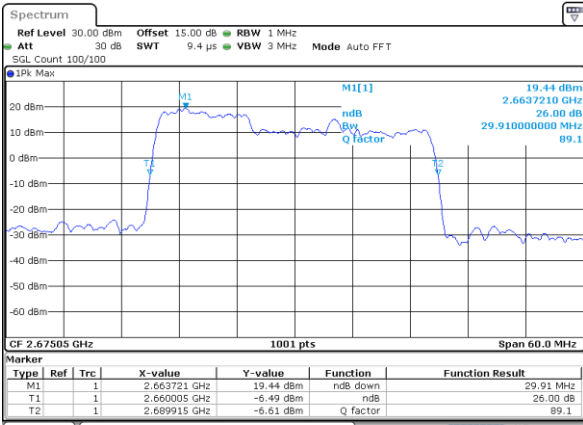
Date: 20.NOV.2022 01:05:02

Middle Channel / 15MHz+10MHz



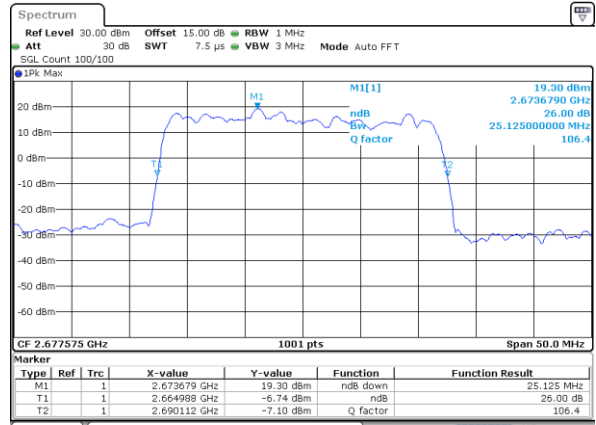
Date: 20.NOV.2022 00:55:15

Highest Channel / 10MHz+20MHz



Date: 20.NOV.2022 01:07:13

Highest Channel / 15MHz+10MHz



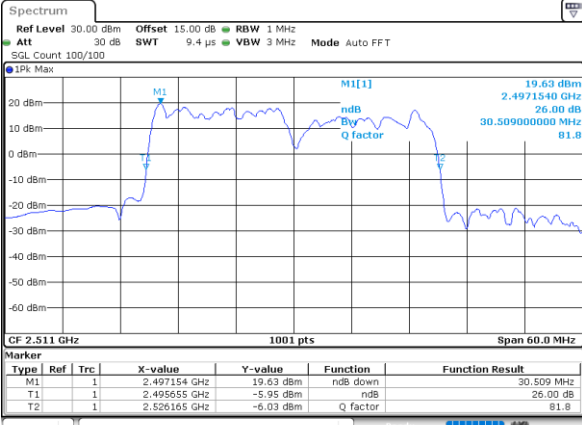
Date: 20.NOV.2022 00:57:25



LTE Band 41C

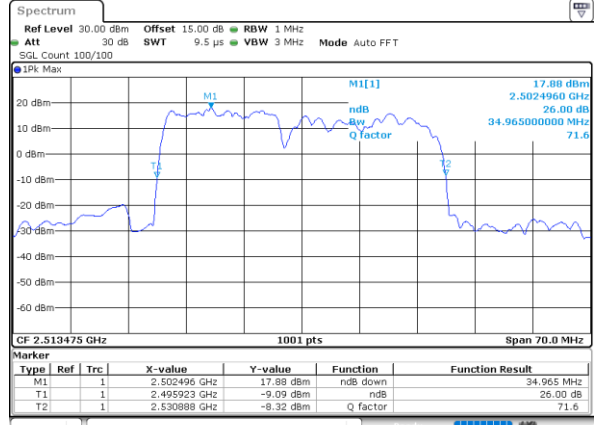
QPSK

Lowest Channel / 15MHz+15MHz



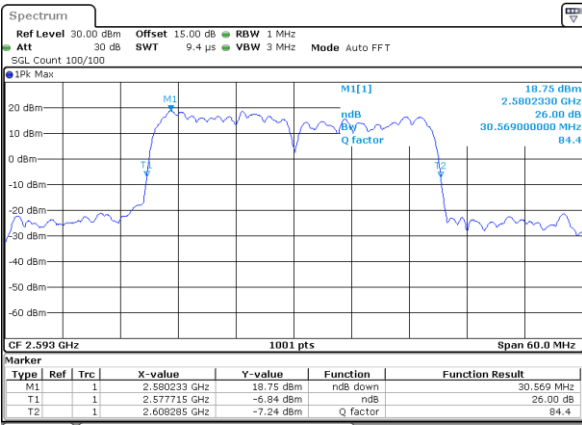
Date: 14.NOV.2022 13:06:29

Lowest Channel / 15MHz+20MHz



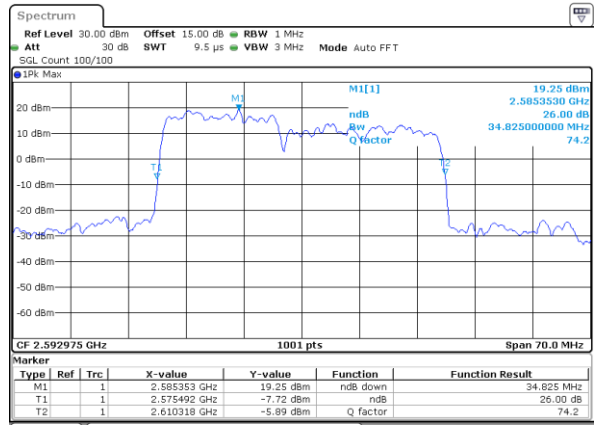
Date: 19.NOV.2022 17:00:09

Middle Channel / 15MHz+15MHz



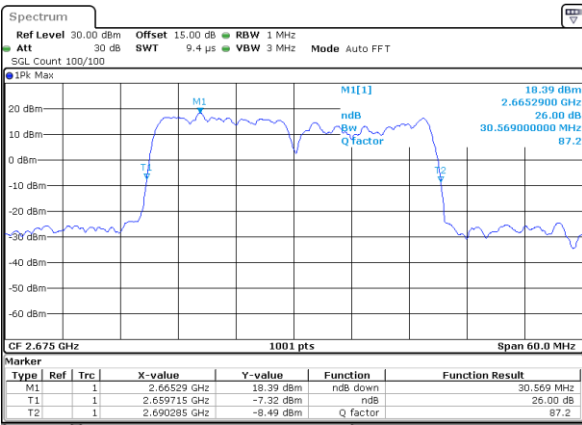
Date: 14.NOV.2022 13:10:25

Middle Channel / 15MHz+20MHz



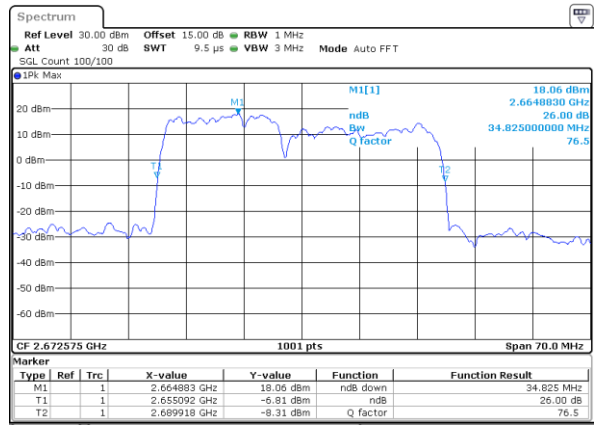
Date: 19.NOV.2022 17:03:23

Highest Channel / 15MHz+15MHz



Date: 14.NOV.2022 13:13:04

Highest Channel / 15MHz+20MHz



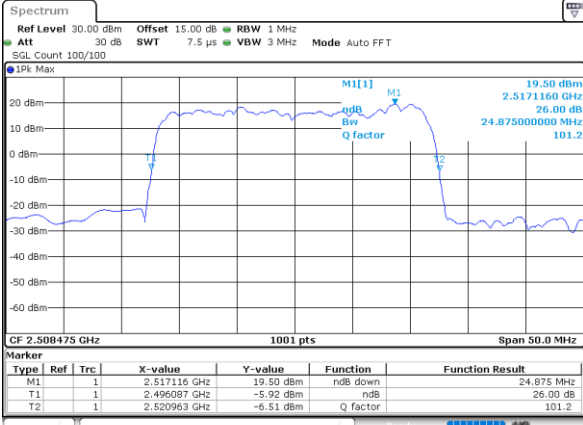
Date: 19.NOV.2022 17:05:34



LTE Band 41C

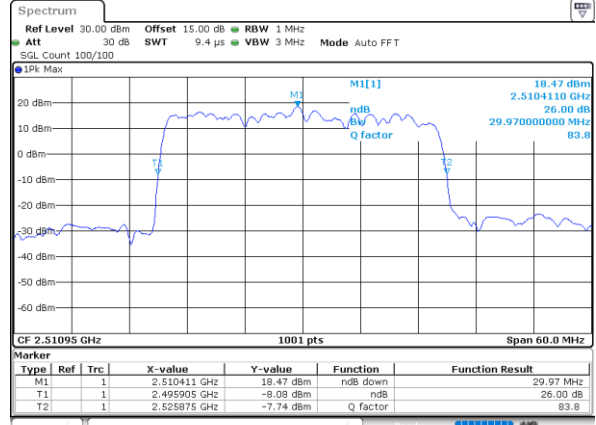
QPSK

Lowest Channel / 20MHz+5MHz



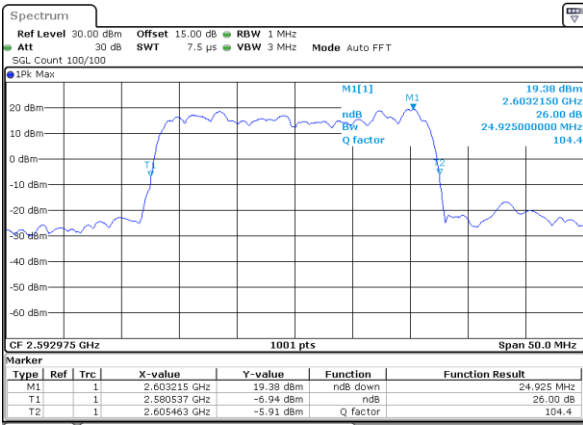
Date: 19.NOV.2022 23:50:52

Lowest Channel / 20MHz+10MHz



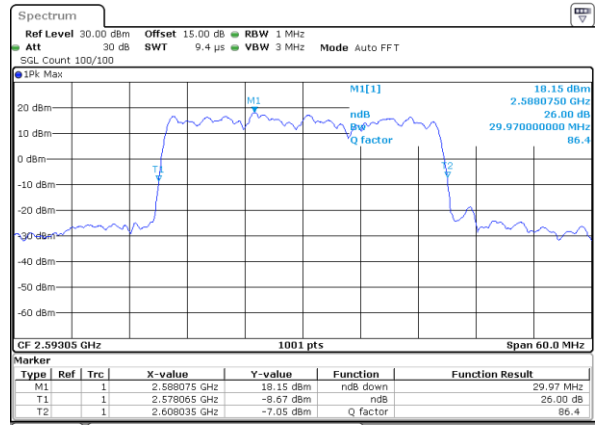
Date: 18.NOV.2022 14:46:59

Middle Channel / 20MHz+5MHz



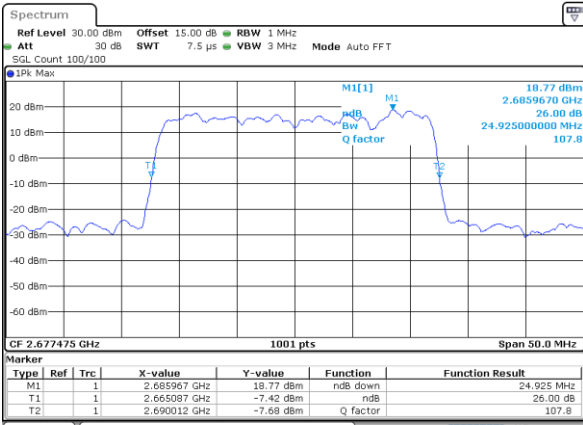
Date: 19.NOV.2022 23:44:23

Middle Channel / 20MHz+10MHz



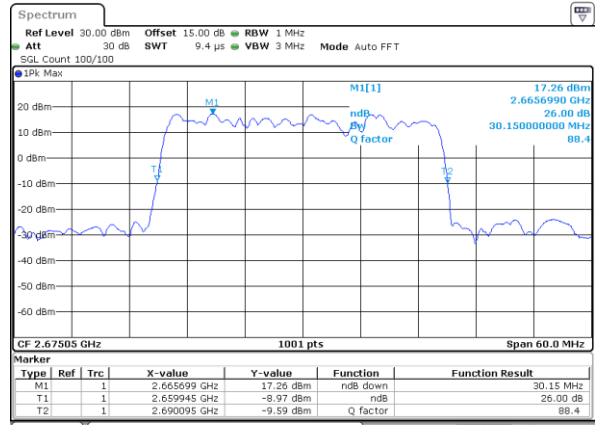
Date: 18.NOV.2022 14:50:01

Highest Channel / 20MHz+5MHz



Date: 19.NOV.2022 23:46:34

Highest Channel / 20MHz+10MHz



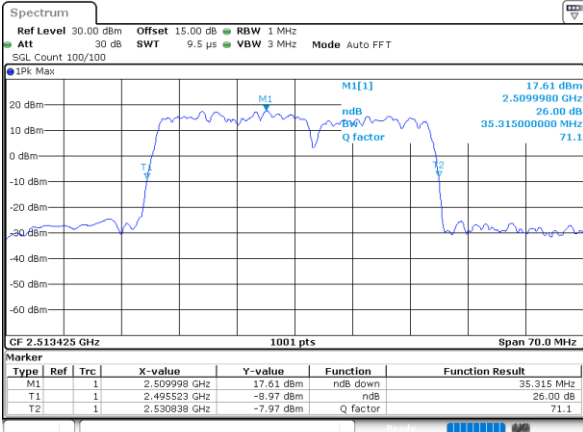
Date: 18.NOV.2022 14:52:04



LTE Band 41C

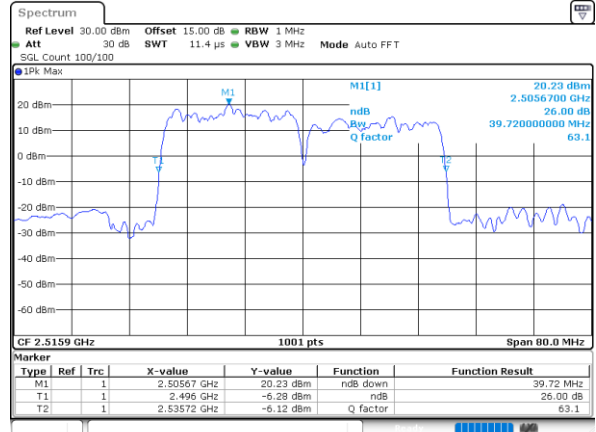
QPSK

Lowest Channel / 20MHz+15MHz



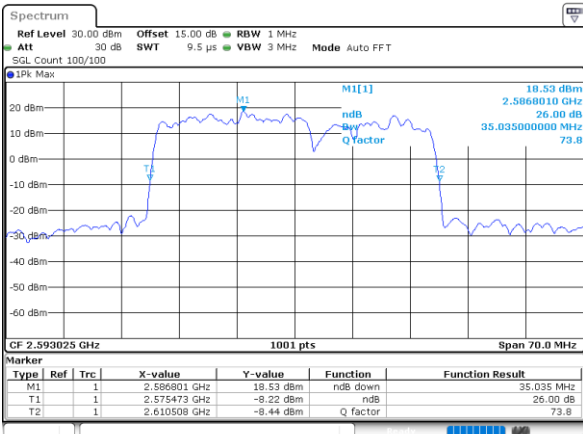
Date: 19.NOV.2022 15:24:52

Lowest Channel / 20MHz+20MHz



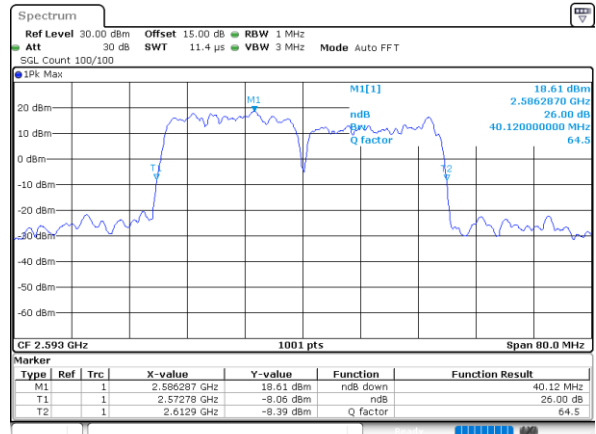
Date: 14.NOV.2022 16:16:38

Middle Channel / 20MHz+15MHz



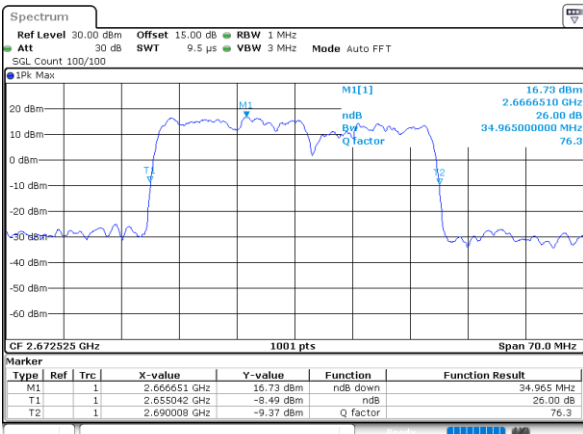
Date: 19.NOV.2022 15:28:06

Middle Channel / 20MHz+20MHz



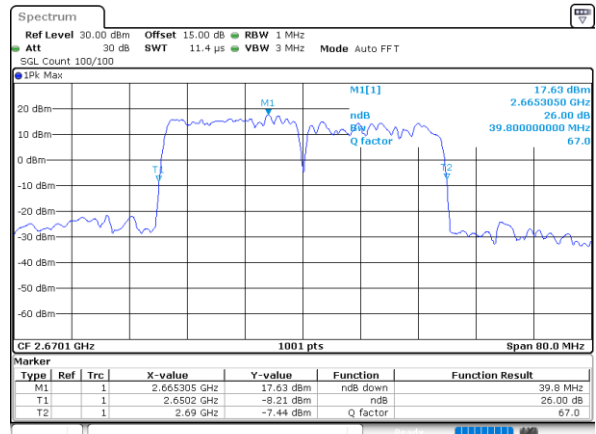
Date: 14.NOV.2022 16:20:11

Highest Channel / 20MHz+15MHz



Date: 19.NOV.2022 15:30:17

Highest Channel / 20MHz+20MHz



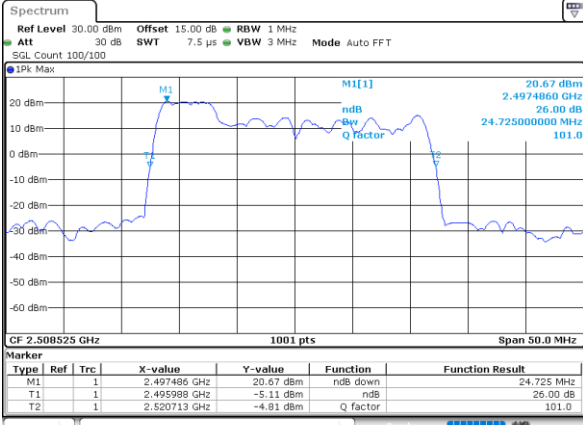
Date: 14.NOV.2022 16:22:33



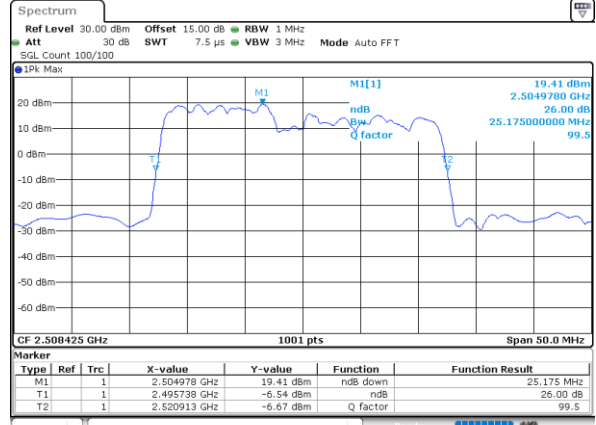
LTE Band 41C

16QAM

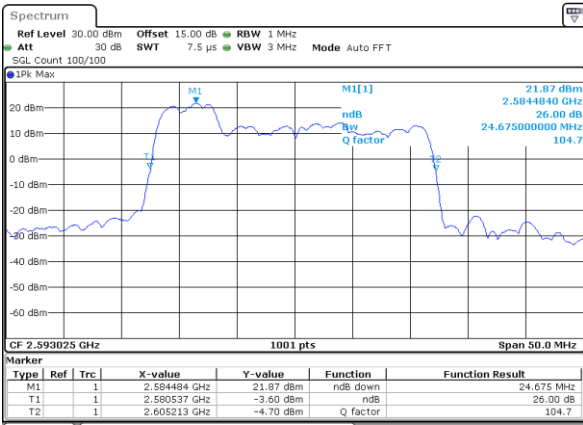
Lowest Channel / 5MHz+20MHz



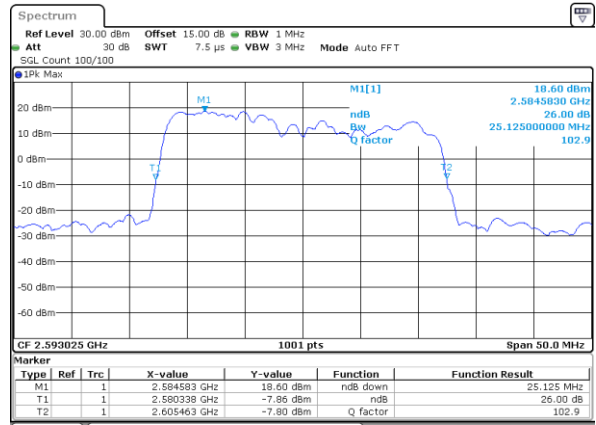
Lowest Channel / 10MHz+15MHz



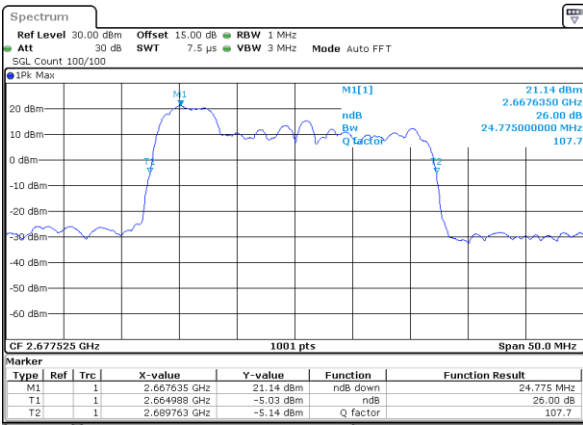
Middle Channel / 5MHz+20MHz



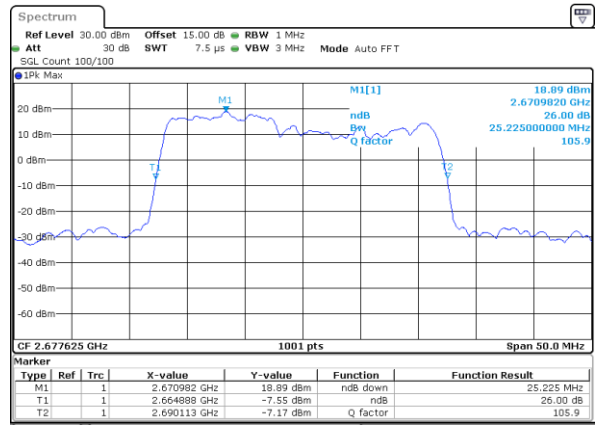
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

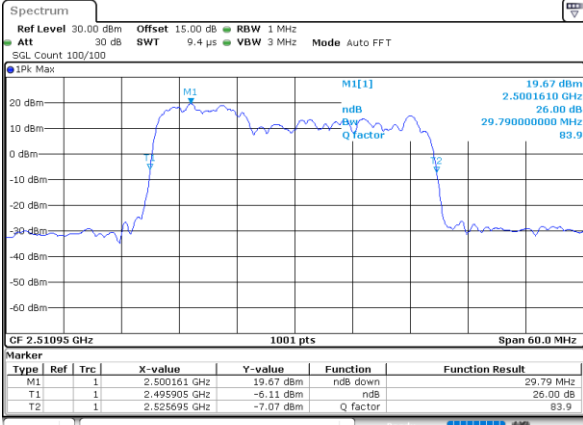




LTE Band 41C

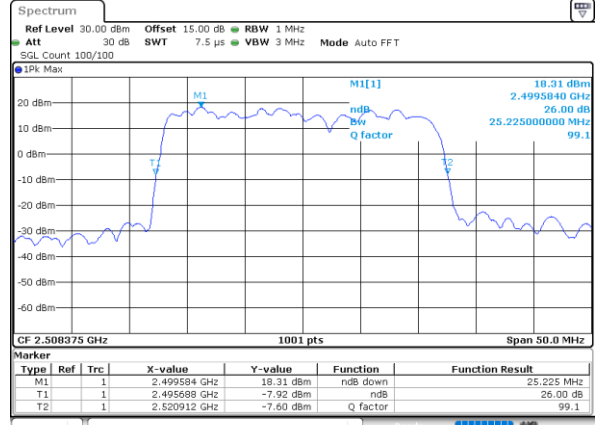
16QAM

Lowest Channel / 10MHz+20MHz



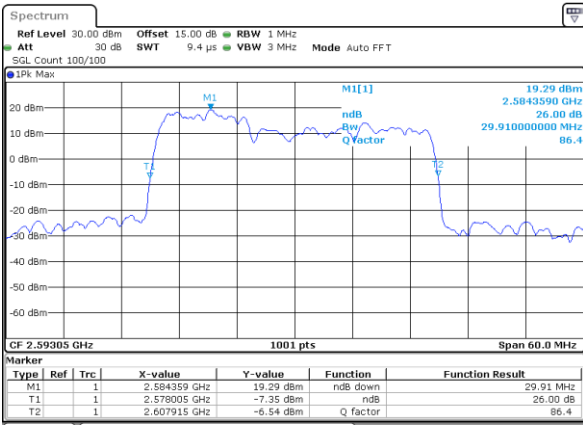
Date: 20.NOV.2022 01:01:17

Lowest Channel / 15MHz+10MHz



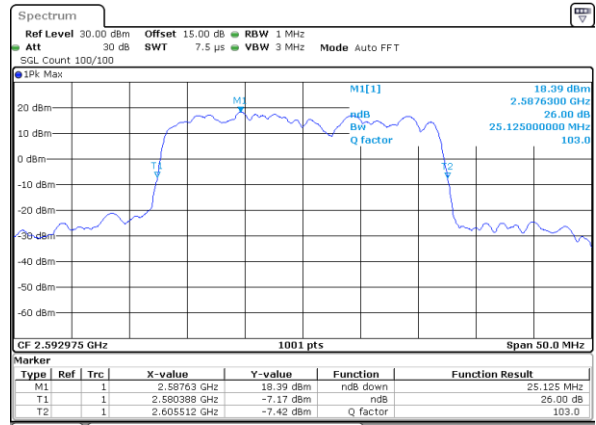
Date: 20.NOV.2022 00:51:29

Middle Channel / 10MHz+20MHz



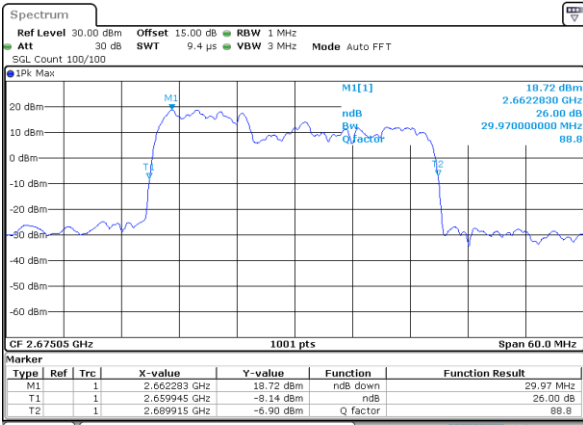
Date: 20.NOV.2022 01:04:30

Middle Channel / 15MHz+10MHz



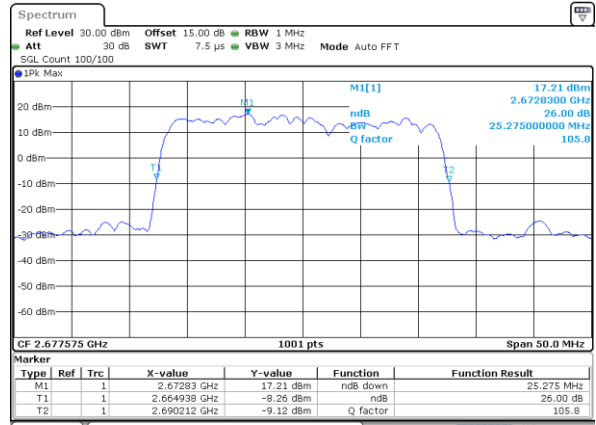
Date: 20.NOV.2022 00:54:43

Highest Channel / 10MHz+20MHz



Date: 20.NOV.2022 01:07:44

Highest Channel / 15MHz+10MHz



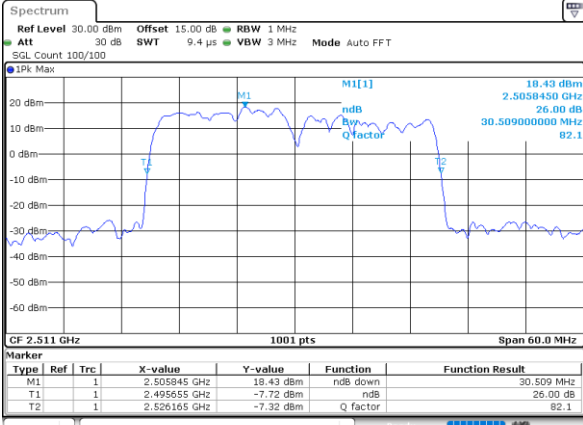
Date: 20.NOV.2022 00:57:57



LTE Band 41C

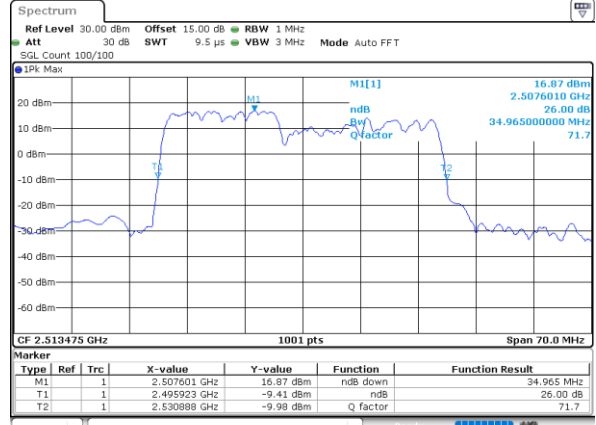
16QAM

Lowest Channel / 15MHz+15MHz



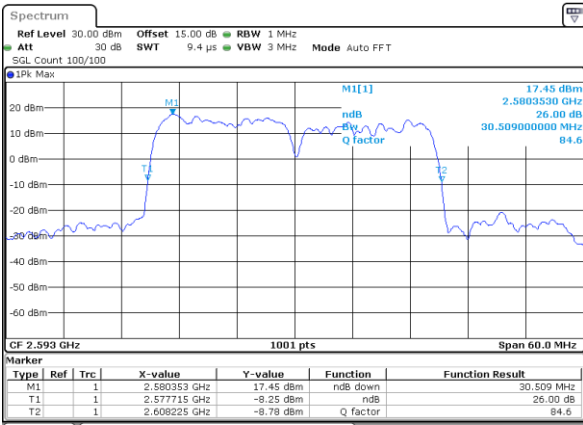
Date: 14.NOV.2022 13:05:50

Lowest Channel / 15MHz+20MHz



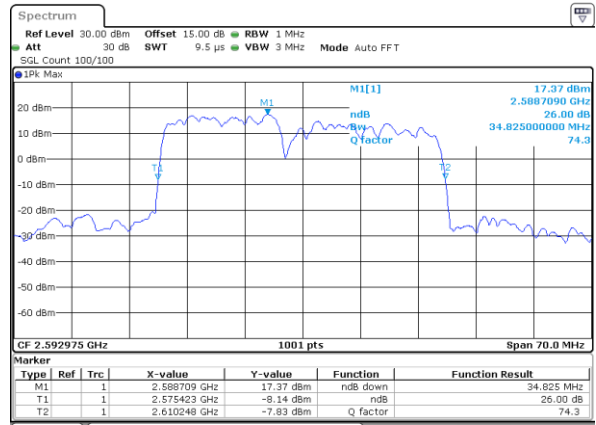
Date: 19.NOV.2022 16:59:37

Middle Channel / 15MHz+15MHz



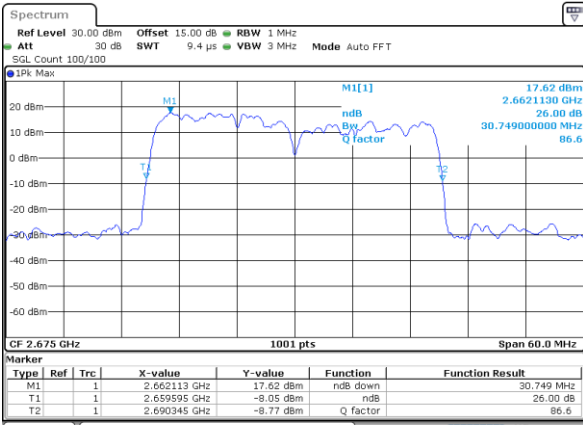
Date: 14.NOV.2022 13:09:47

Middle Channel / 15MHz+20MHz



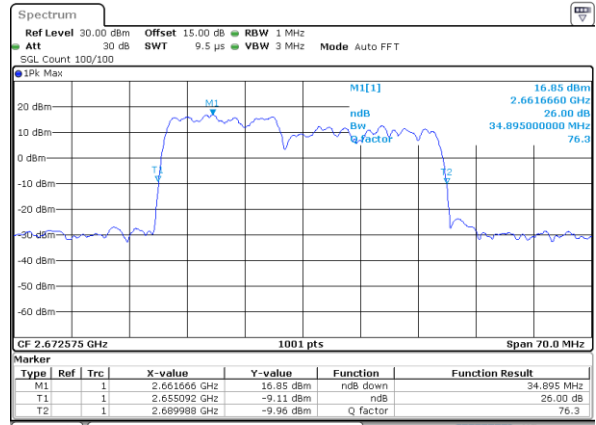
Date: 19.NOV.2022 17:02:51

Highest Channel / 15MHz+15MHz



Date: 14.NOV.2022 13:13:43

Highest Channel / 15MHz+20MHz



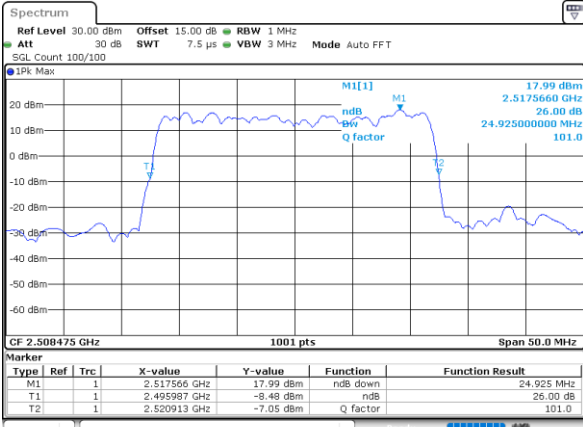
Date: 19.NOV.2022 17:06:06



LTE Band 41C

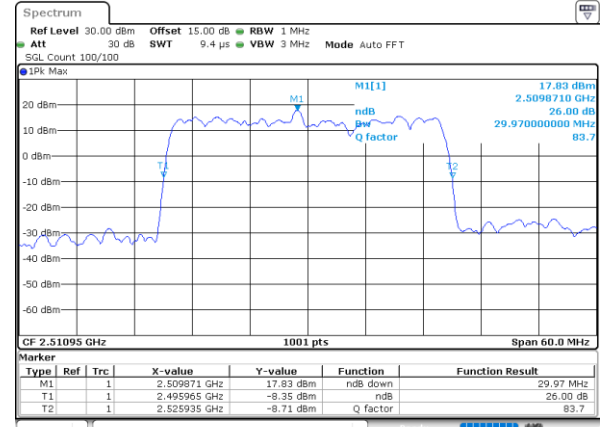
16QAM

Lowest Channel / 20MHz+5MHz



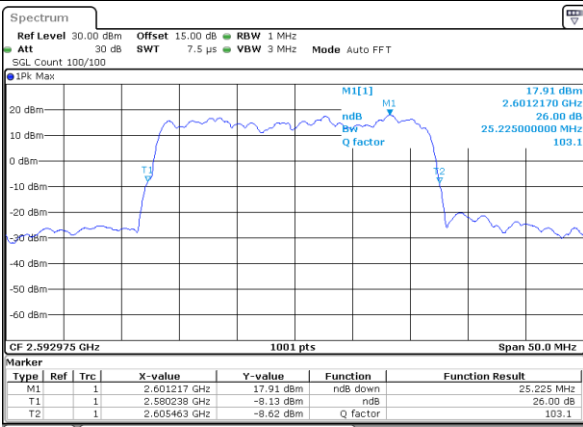
Date: 19.NOV.2022 23:50:20

Lowest Channel / 20MHz+10MHz



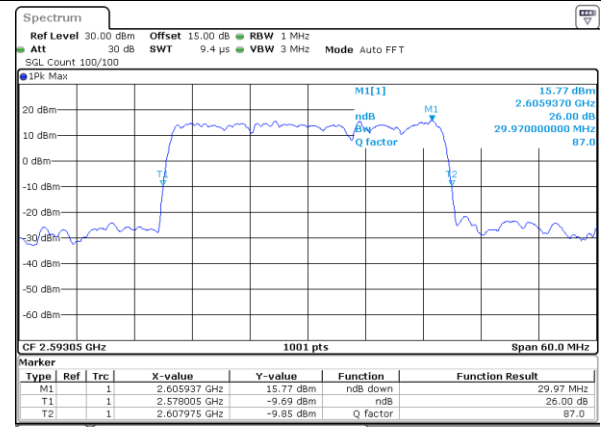
Date: 18.NOV.2022 14:46:29

Middle Channel / 20MHz+5MHz



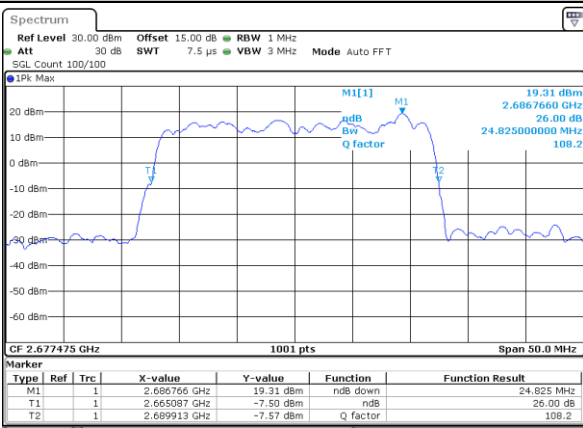
Date: 19.NOV.2022 23:43:51

Middle Channel / 20MHz+10MHz



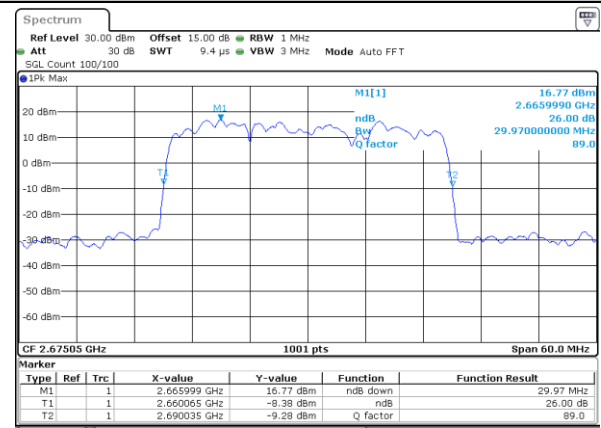
Date: 18.NOV.2022 14:49:31

Highest Channel / 20MHz+5MHz



Date: 19.NOV.2022 23:47:05

Highest Channel / 20MHz+10MHz



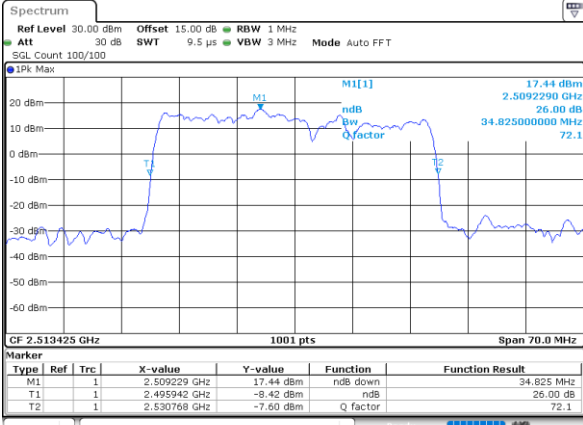
Date: 18.NOV.2022 14:52:33



LTE Band 41C

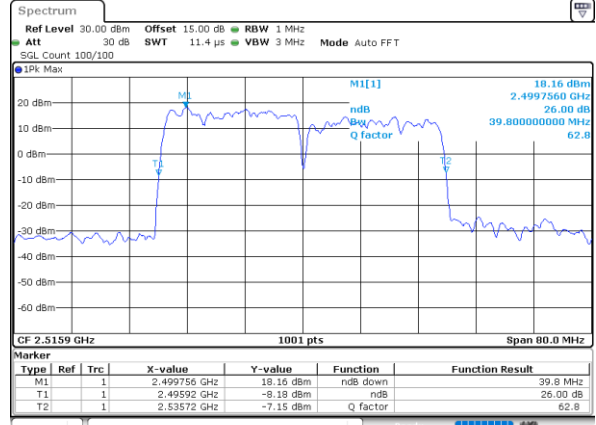
16QAM

Lowest Channel / 20MHz+15MHz



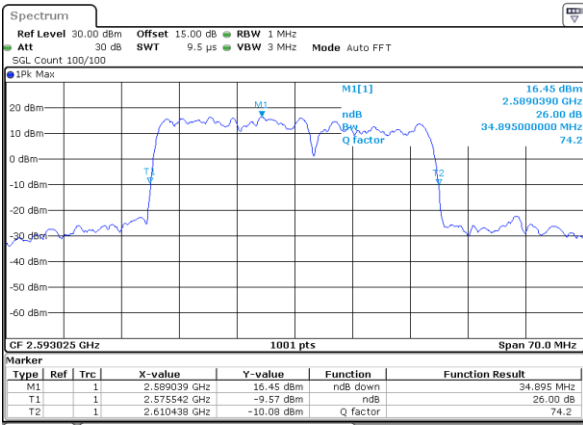
Date: 19.NOV.2022 15:24:20

Lowest Channel / 20MHz+20MHz



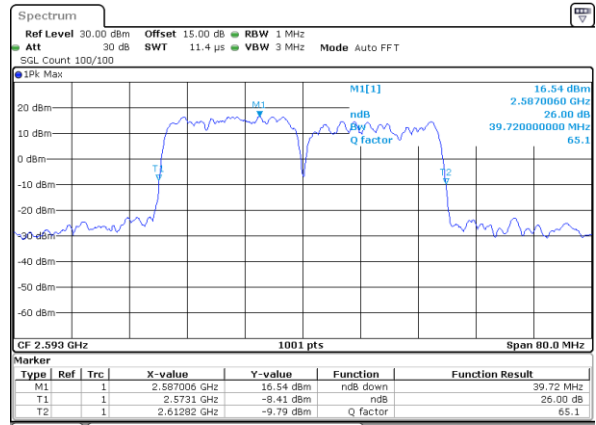
Date: 14.NOV.2022 16:11:03

Middle Channel / 20MHz+15MHz



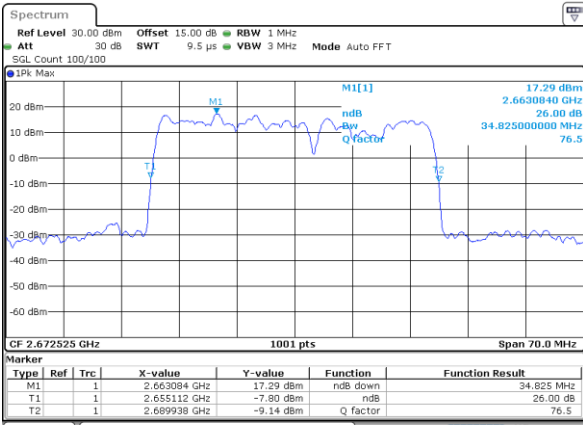
Date: 19.NOV.2022 15:27:35

Middle Channel / 20MHz+20MHz



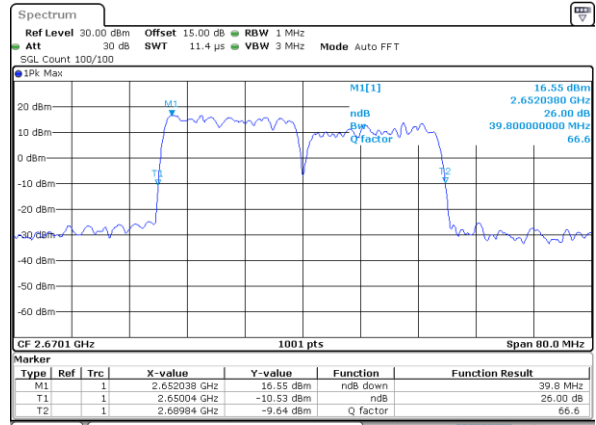
Date: 14.NOV.2022 16:19:36

Highest Channel / 20MHz+15MHz



Date: 19.NOV.2022 15:30:49

Highest Channel / 20MHz+20MHz



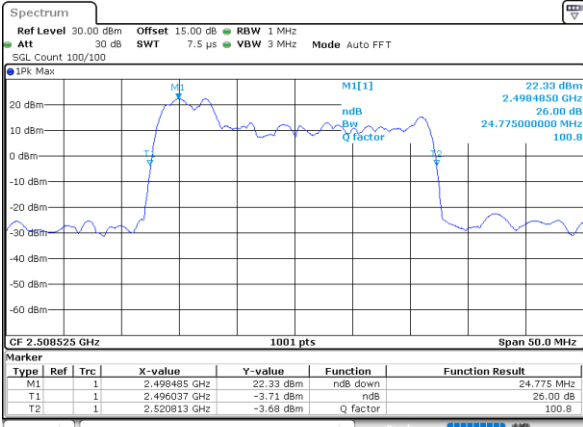
Date: 14.NOV.2022 16:23:08



LTE Band 41C

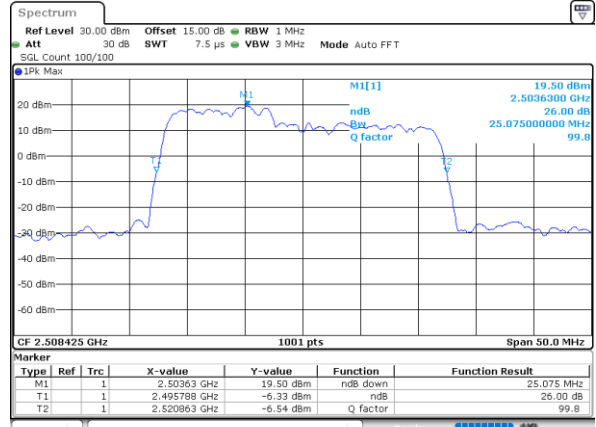
64QAM

Lowest Channel / 5MHz+20MHz



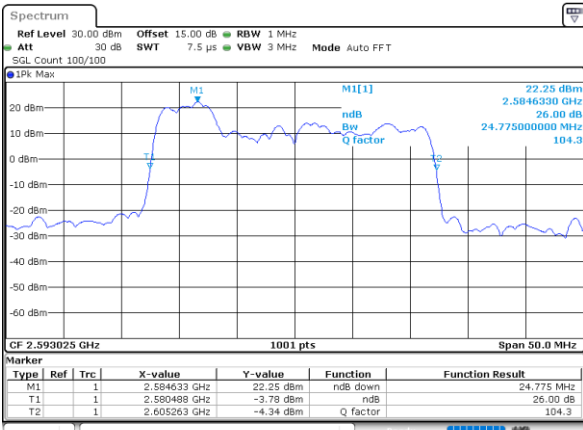
Date: 19,NOV,2022 23:30:23

Lowest Channel / 10MHz+15MHz



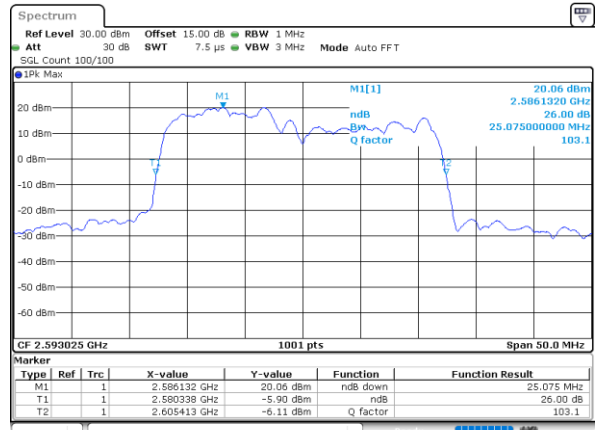
Date: 20,NOV,2022 00:41:15

Middle Channel / 5MHz+20MHz



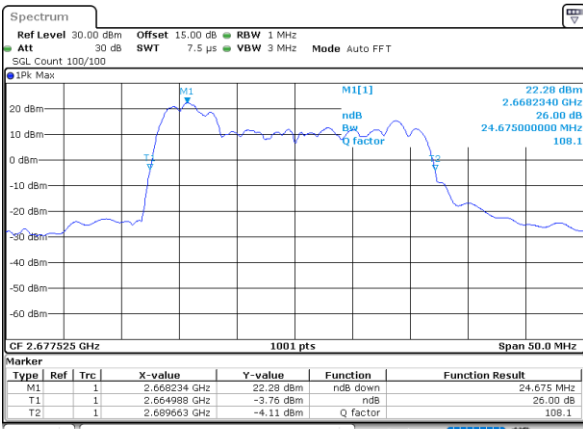
Date: 19,NOV,2022 23:33:36

Middle Channel / 10MHz+15MHz



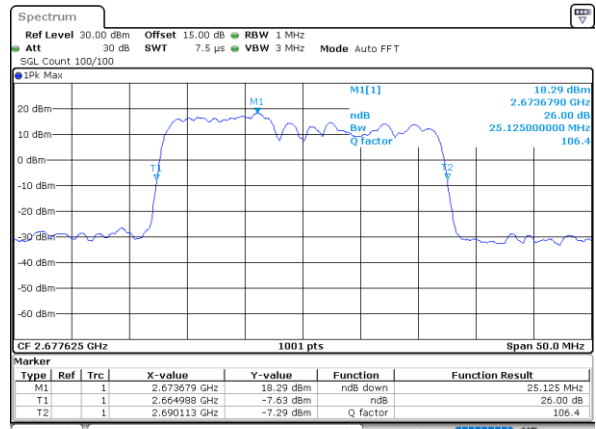
Date: 20,NOV,2022 00:44:29

Highest Channel / 5MHz+20MHz



Date: 19,NOV,2022 23:37:54

Highest Channel / 10MHz+15MHz



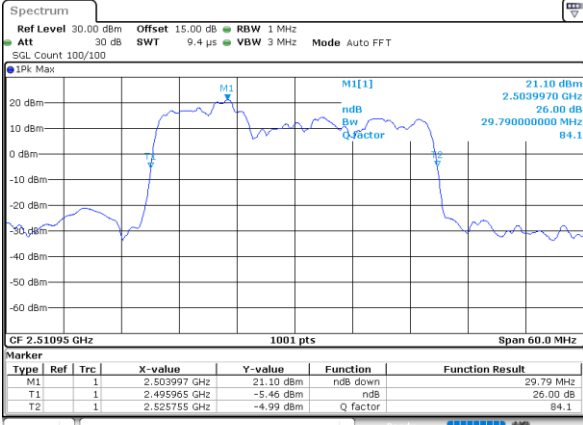
Date: 20,NOV,2022 00:48:46



LTE Band 41C

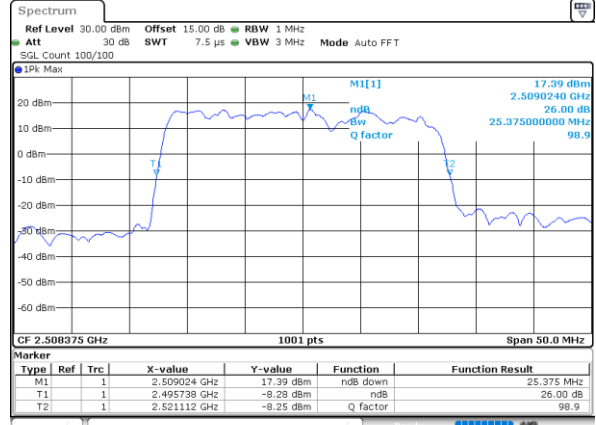
64QAM

Lowest Channel / 10MHz+20MHz



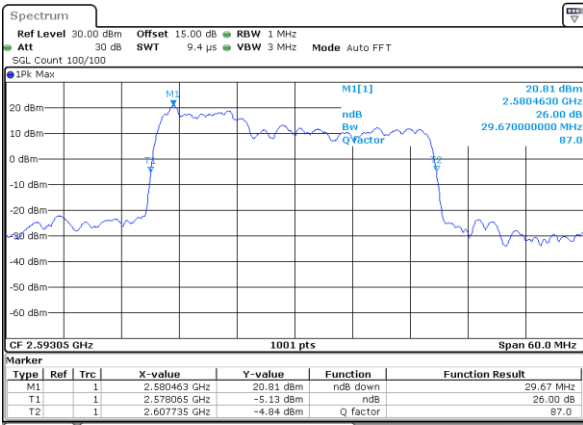
Date: 20.NOV.2022 01:00:45

Lowest Channel / 15MHz+10MHz



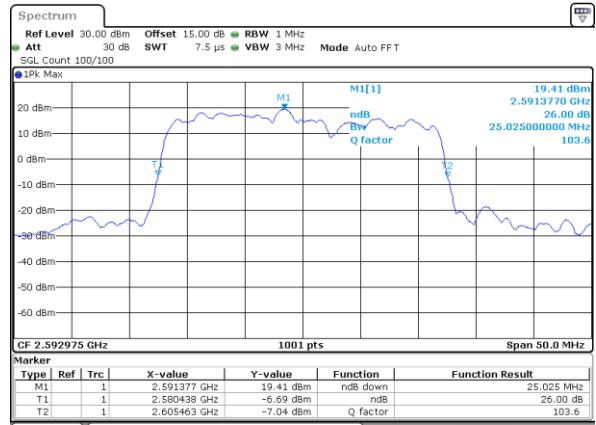
Date: 20.NOV.2022 00:50:57

Middle Channel / 10MHz+20MHz



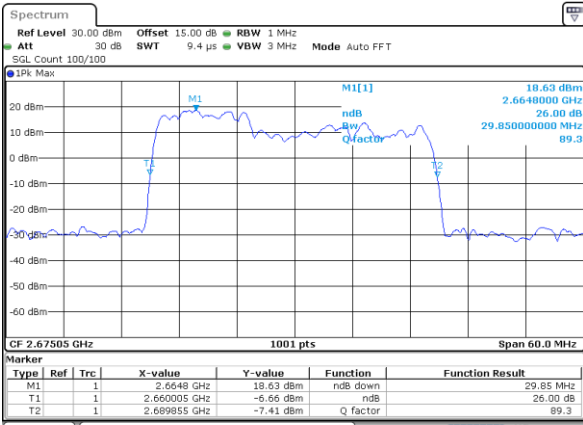
Date: 20.NOV.2022 01:03:59

Middle Channel / 15MHz+10MHz



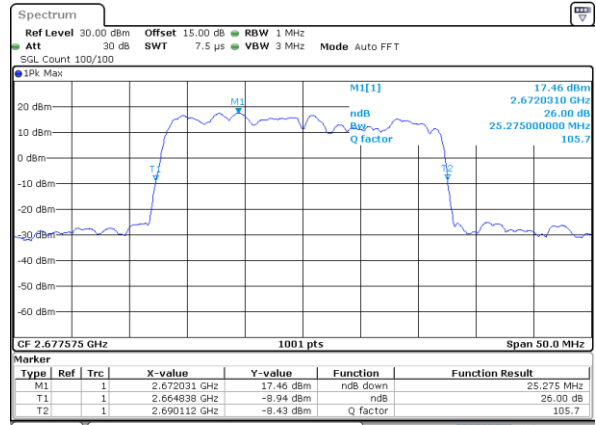
Date: 20.NOV.2022 00:54:11

Highest Channel / 10MHz+20MHz



Date: 20.NOV.2022 01:08:16

Highest Channel / 15MHz+10MHz



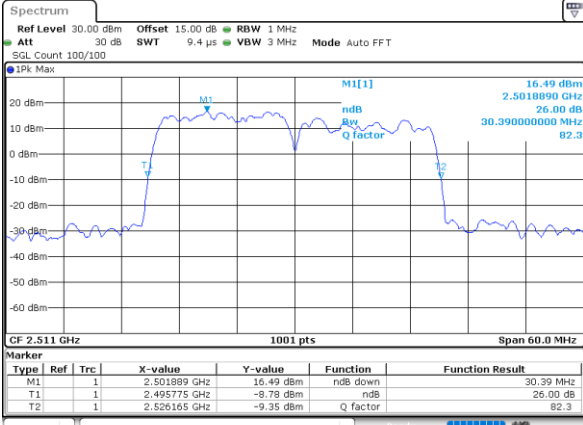
Date: 20.NOV.2022 00:58:29



LTE Band 41C

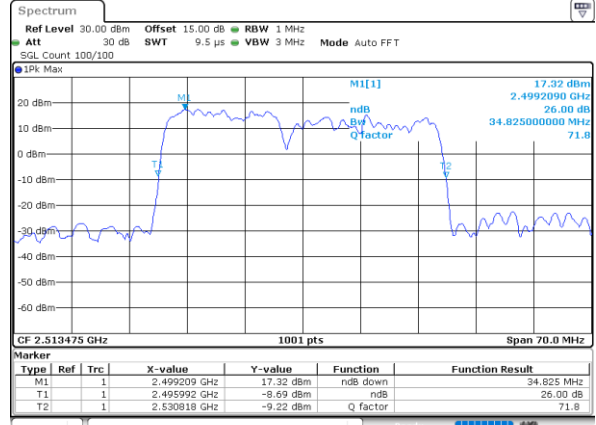
64QAM

Lowest Channel / 15MHz+15MHz



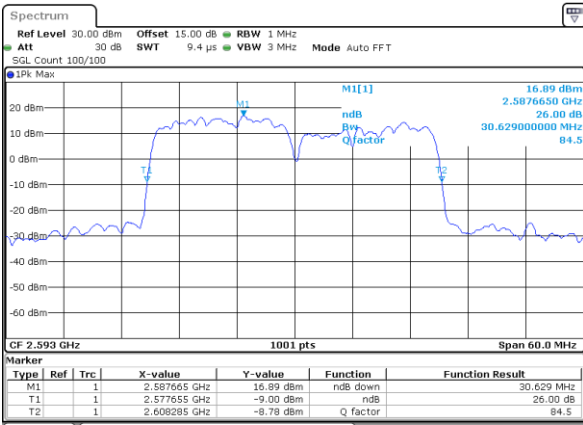
Date: 14.NOV.2022 13:05:11

Lowest Channel / 15MHz+20MHz



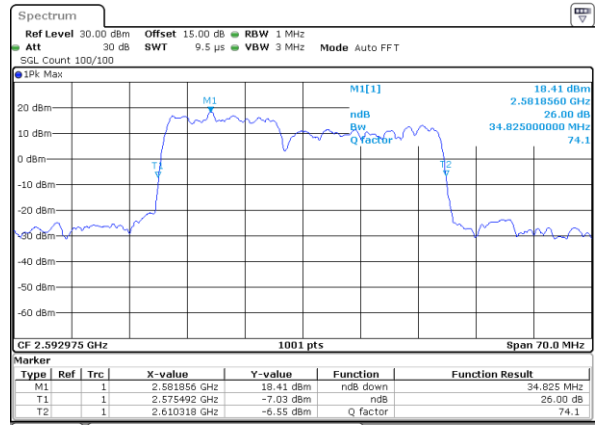
Date: 19.NOV.2022 16:59:05

Middle Channel / 15MHz+15MHz



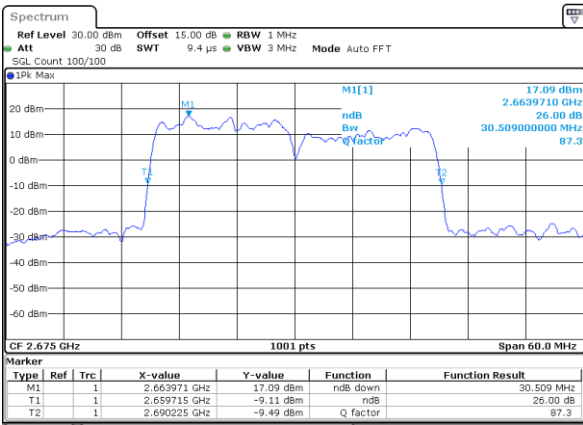
Date: 14.NOV.2022 13:09:08

Middle Channel / 15MHz+20MHz



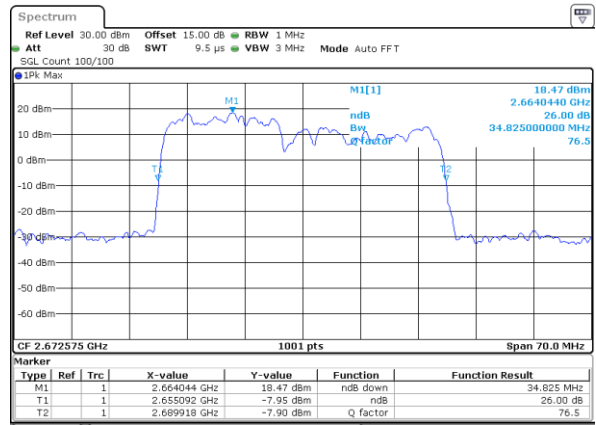
Date: 19.NOV.2022 17:02:20

Highest Channel / 15MHz+15MHz



Date: 14.NOV.2022 13:14:22

Highest Channel / 15MHz+20MHz



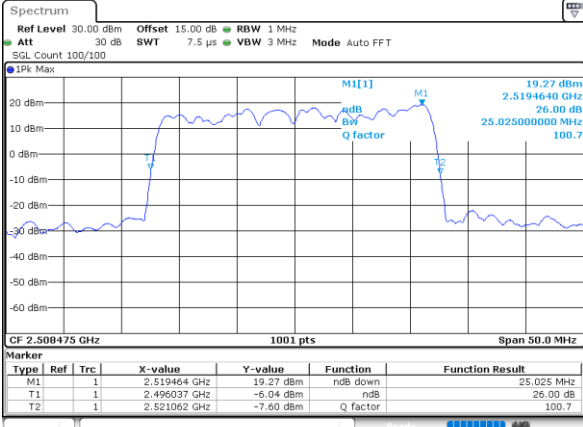
Date: 19.NOV.2022 17:06:37



LTE Band 41C

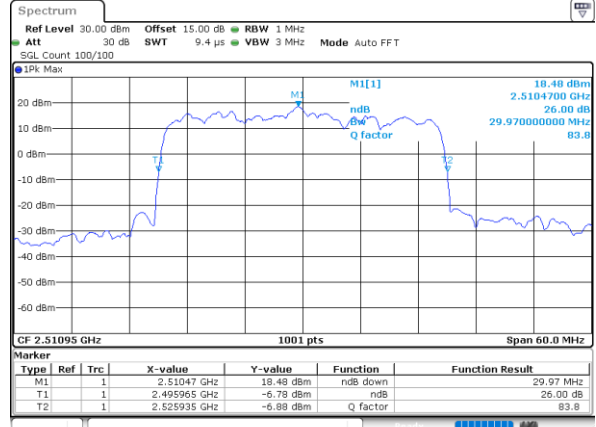
64QAM

Lowest Channel / 20MHz+5MHz



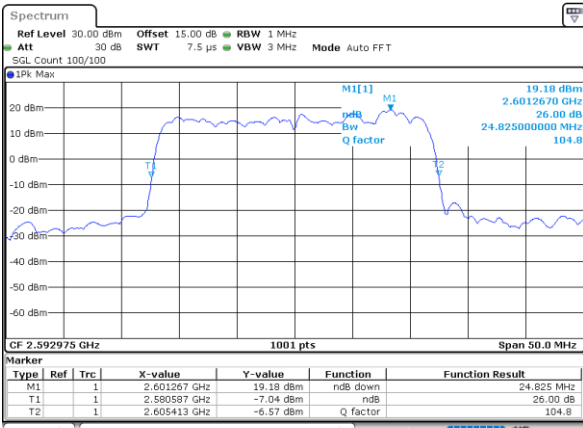
Date: 19.NOV.2022 23:49:48

Lowest Channel / 20MHz+10MHz



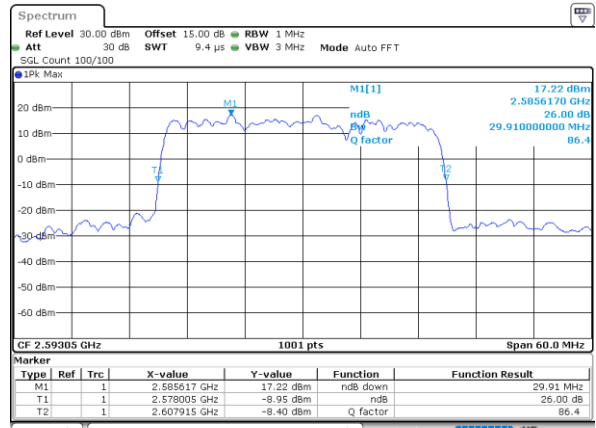
Date: 18.NOV.2022 14:45:59

Middle Channel / 20MHz+5MHz



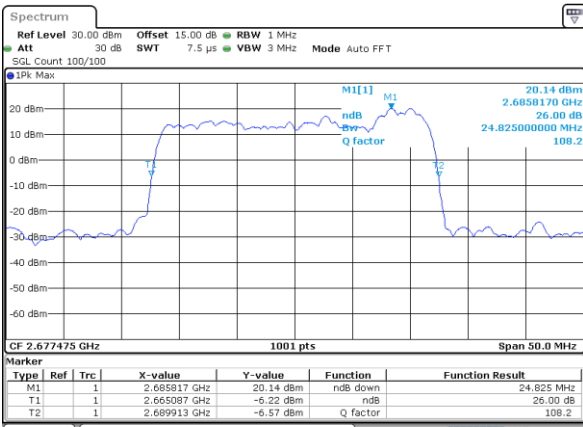
Date: 19.NOV.2022 23:43:19

Middle Channel / 20MHz+10MHz



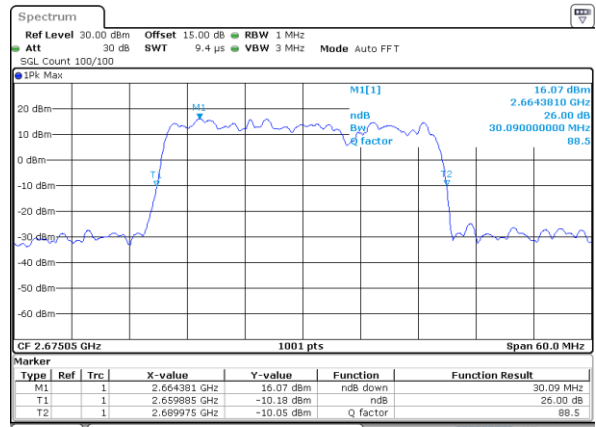
Date: 18.NOV.2022 14:45:02

Highest Channel / 20MHz+5MHz



Date: 19.NOV.2022 23:47:37

Highest Channel / 20MHz+10MHz



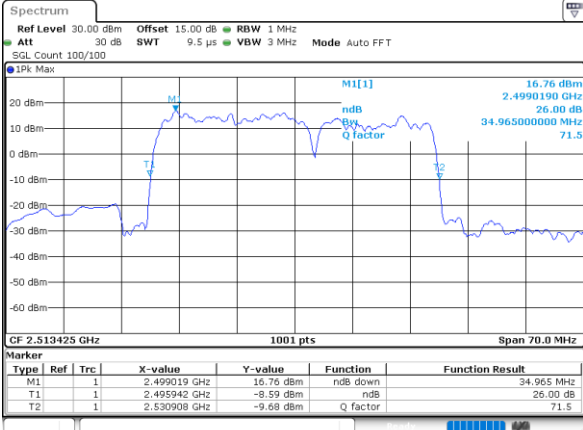
Date: 18.NOV.2022 14:53:03



LTE Band 41C

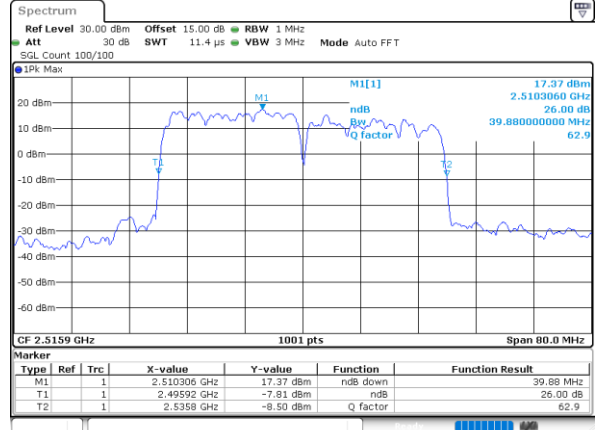
64QAM

Lowest Channel / 20MHz+15MHz



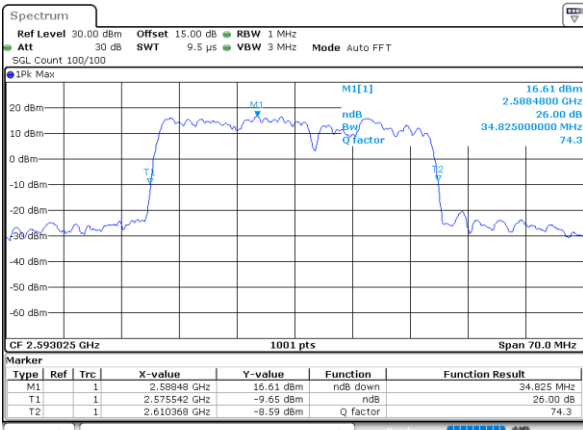
Date: 19.NOV.2022 15:23:48

Lowest Channel / 20MHz+20MHz



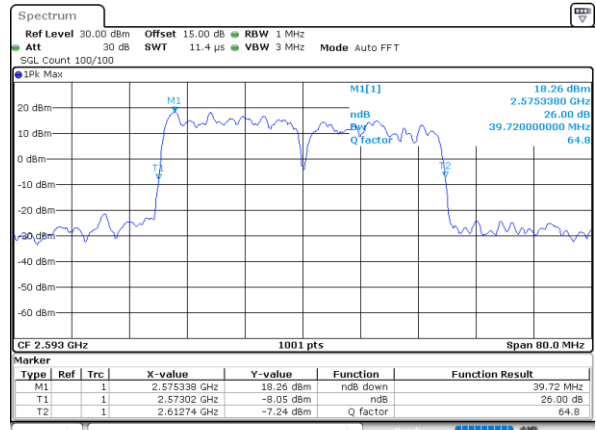
Date: 14.NOV.2022 16:15:28

Middle Channel / 20MHz+15MHz



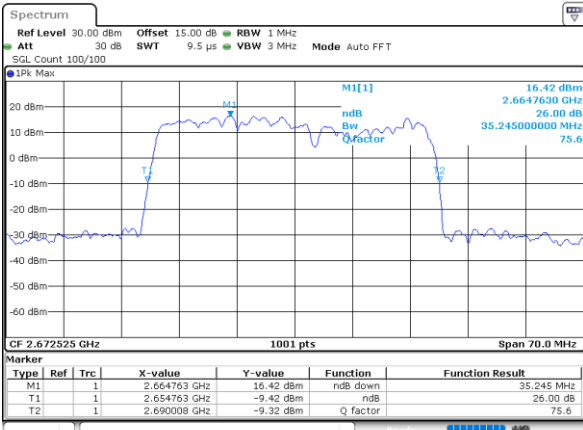
Date: 19.NOV.2022 15:27:03

Middle Channel / 20MHz+20MHz



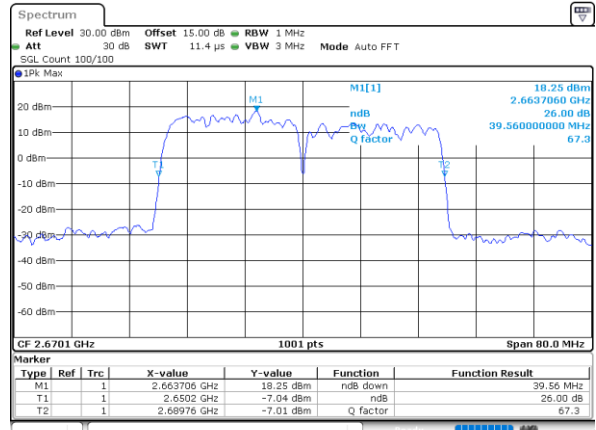
Date: 14.NOV.2022 16:19:01

Highest Channel / 20MHz+15MHz



Date: 19.NOV.2022 15:31:23

Highest Channel / 20MHz+20MHz



Date: 14.NOV.2022 16:23:43



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.63	28.05	23.38	28.53
Middle CH	23.23	23.43	28.05	23.38	28.65
Highest CH	23.28	23.68	27.81	23.53	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	23.23	28.05	32.94	37.72
Middle CH	32.80	23.38	28.11	32.94	37.32
Highest CH	32.73	23.23	28.17	33.01	37.80

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.23	23.63	27.93	23.53	28.71
Middle CH	22.98	23.53	28.11	23.18	28.77
Highest CH	23.13	23.43	27.99	23.63	28.23
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	23.08	27.87	32.94	37.80
Middle CH	33.08	23.23	28.05	32.94	37.96
Highest CH	32.94	23.38	28.29	32.73	37.80

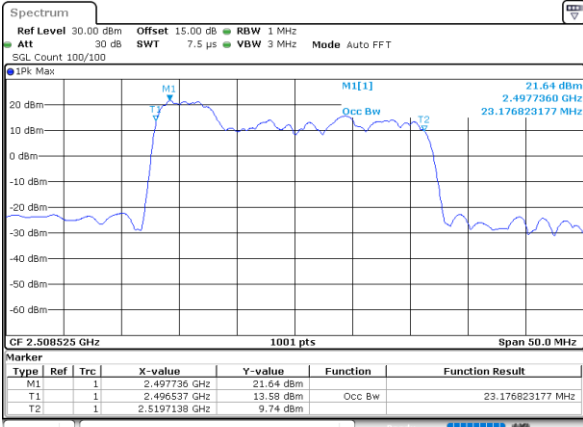
Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.08	23.28	28.05	23.23	28.83
Middle CH	23.18	23.43	27.81	23.48	28.53
Highest CH	23.63	23.18	28.23	23.48	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.94	23.33	28.05	32.87	37.72
Middle CH	32.80	23.13	27.99	32.80	37.88
Highest CH	32.87	23.18	27.81	33.08	37.64



LTE Band 41C

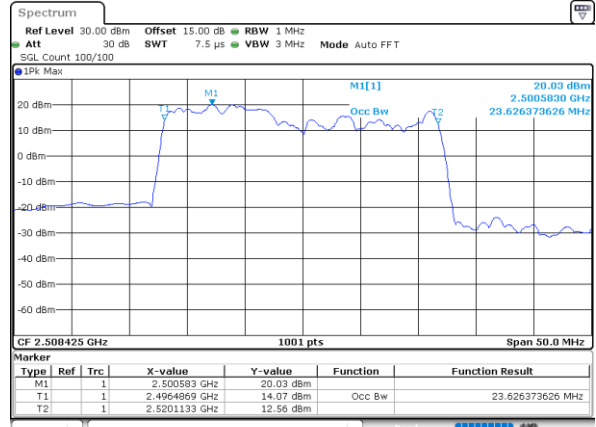
QPSK

Lowest Channel / 5MHz+20MHz



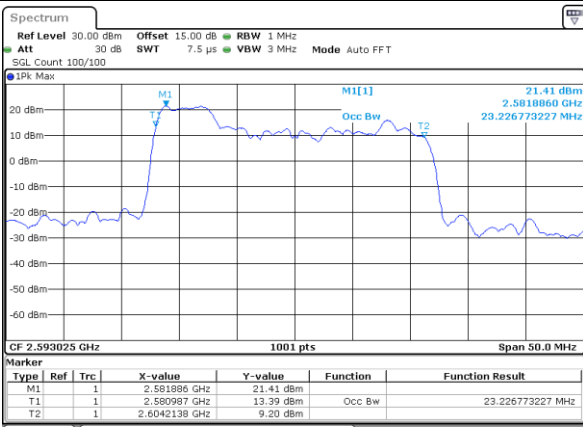
Date: 19,NOV,2022 23:28:41

Lowest Channel / 10MHz+15MHz



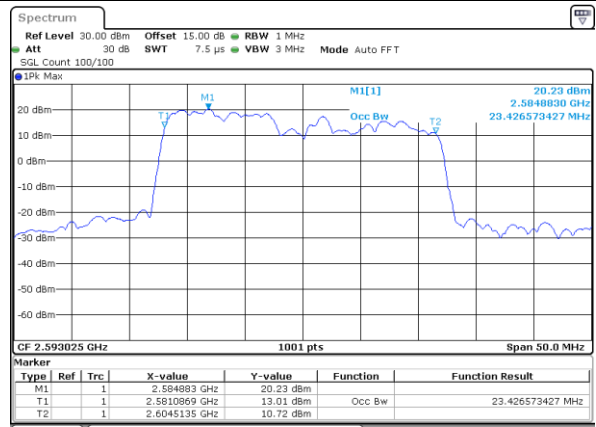
Date: 20,NOV,2022 00:13:40

Middle Channel / 5MHz+20MHz



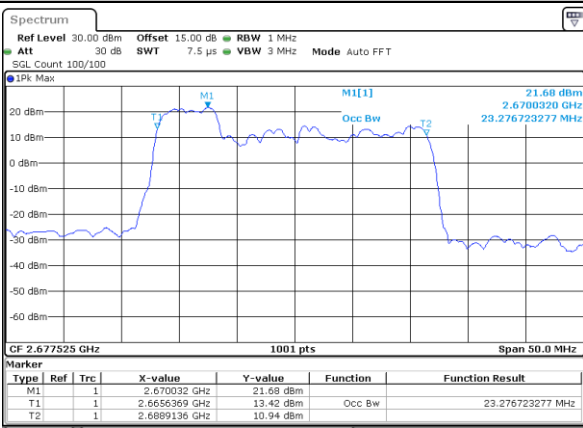
Date: 19,NOV,2022 23:32:01

Middle Channel / 10MHz+15MHz



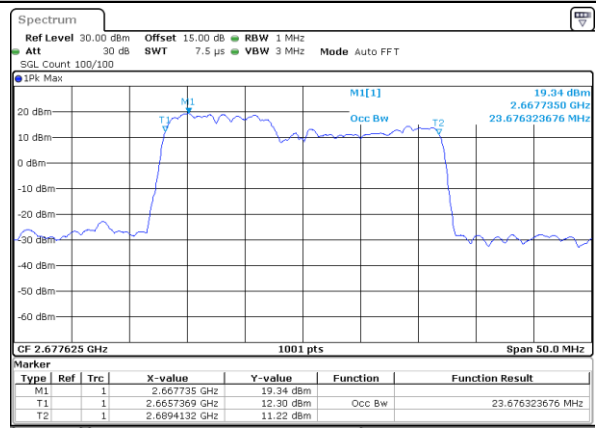
Date: 20,NOV,2022 00:14:54

Highest Channel / 5MHz+20MHz



Date: 19,NOV,2022 23:36:19

Highest Channel / 10MHz+15MHz



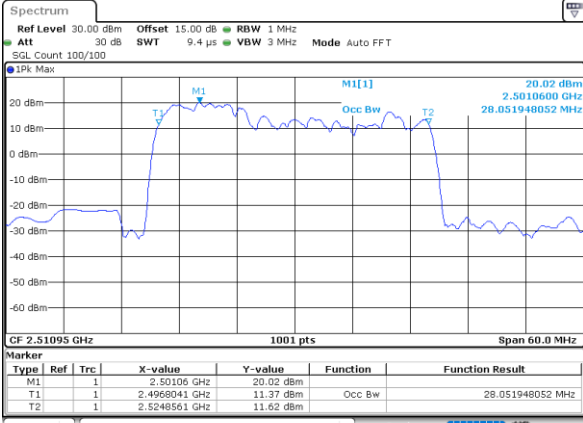
Date: 20,NOV,2022 00:14:11



LTE Band 41C

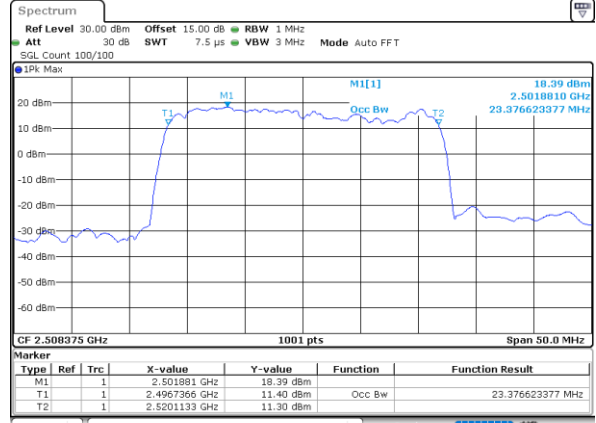
QPSK

Lowest Channel / 10MHz+20MHz



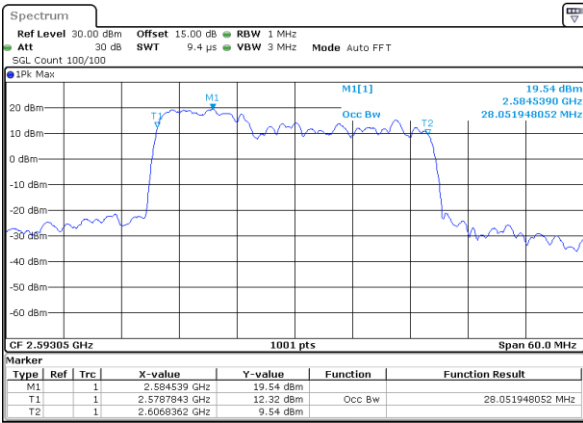
Date: 20.NOV.2022 00:59:10

Lowest Channel / 15MHz+10MHz



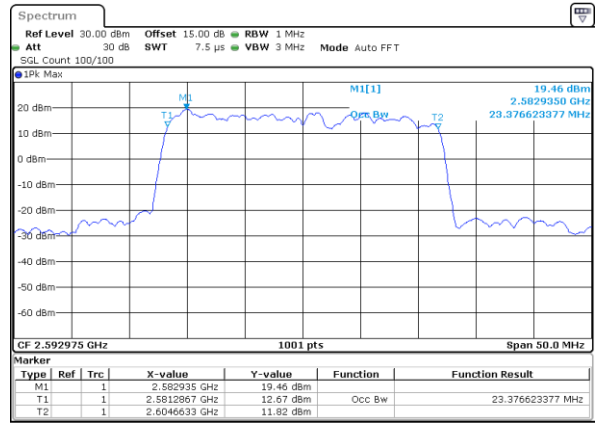
Date: 20.NOV.2022 00:49:22

Middle Channel / 10MHz+20MHz



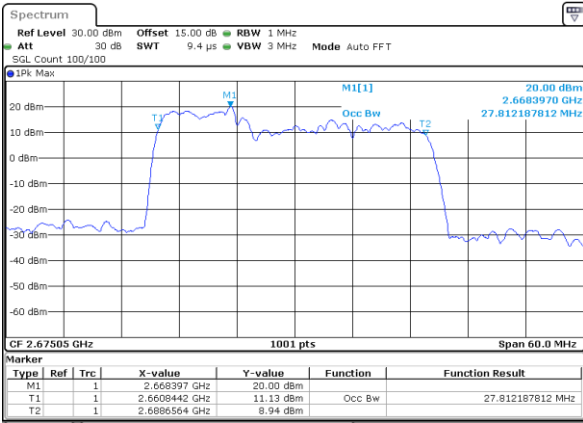
Date: 20.NOV.2022 01:02:23

Middle Channel / 15MHz+10MHz



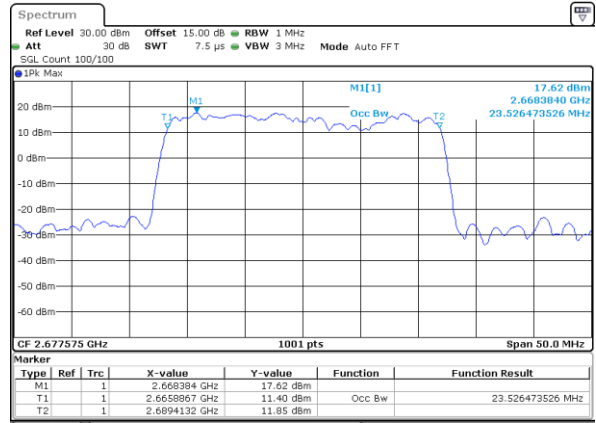
Date: 20.NOV.2022 00:52:36

Highest Channel / 10MHz+20MHz



Date: 20.NOV.2022 01:06:43

Highest Channel / 15MHz+10MHz



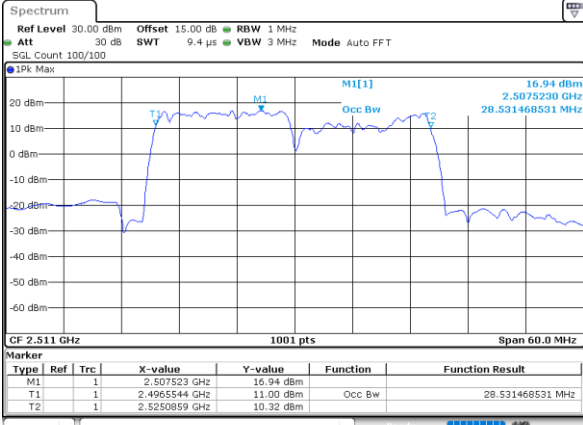
Date: 20.NOV.2022 00:56:54



LTE Band 41C

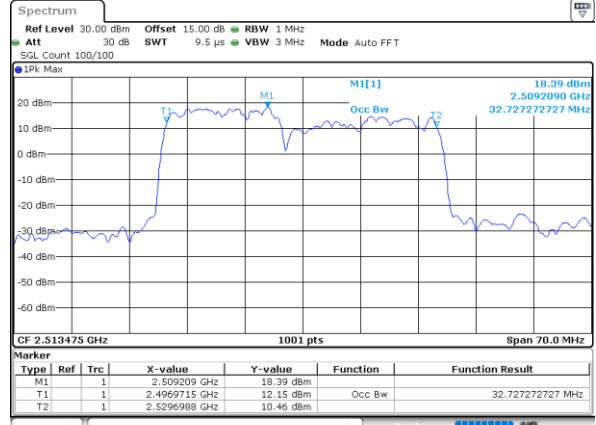
QPSK

Lowest Channel / 15MHz+15MHz



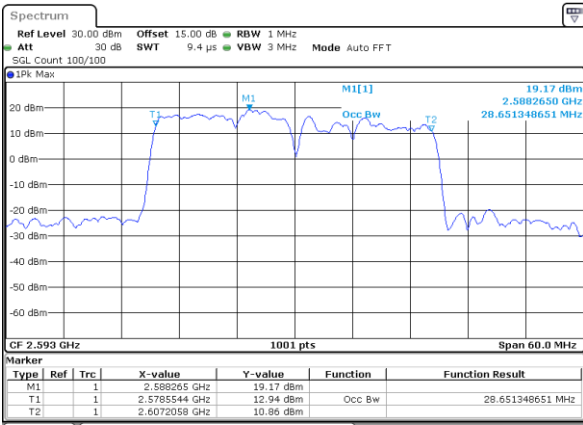
Date: 14.NOV.2022 13:03:15

Lowest Channel / 15MHz+20MHz



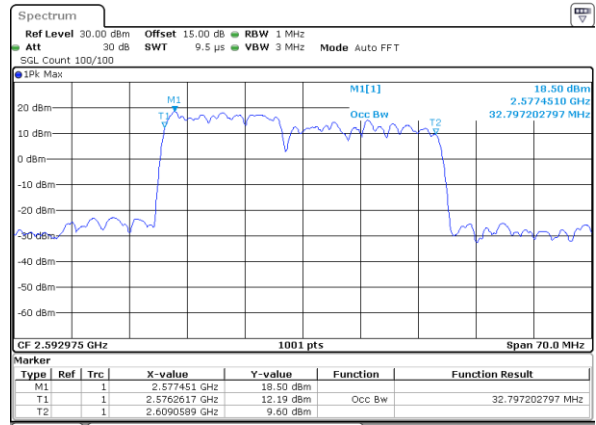
Date: 19.NOV.2022 16:57:30

Middle Channel / 15MHz+15MHz



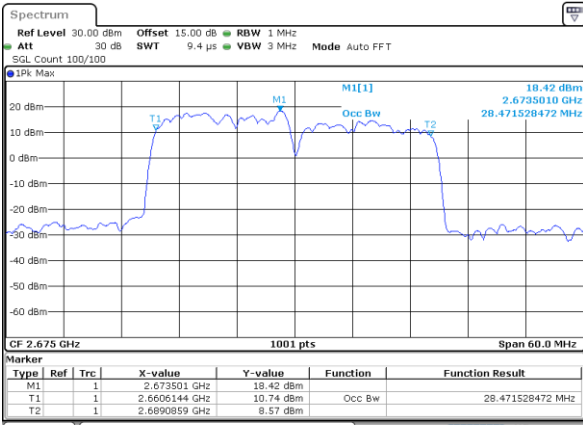
Date: 14.NOV.2022 13:07:11

Middle Channel / 15MHz+20MHz



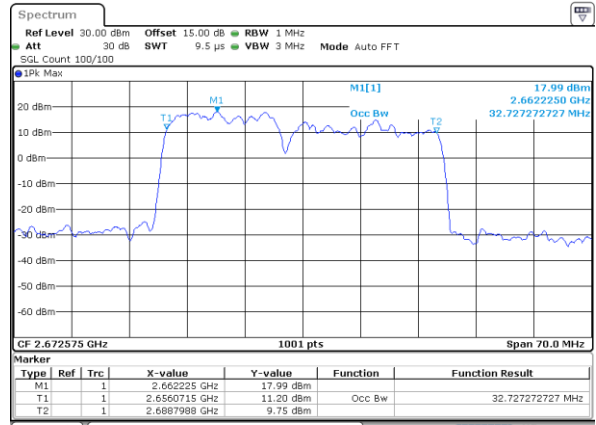
Date: 19.NOV.2022 17:00:44

Highest Channel / 15MHz+15MHz



Date: 14.NOV.2022 13:12:26

Highest Channel / 15MHz+20MHz



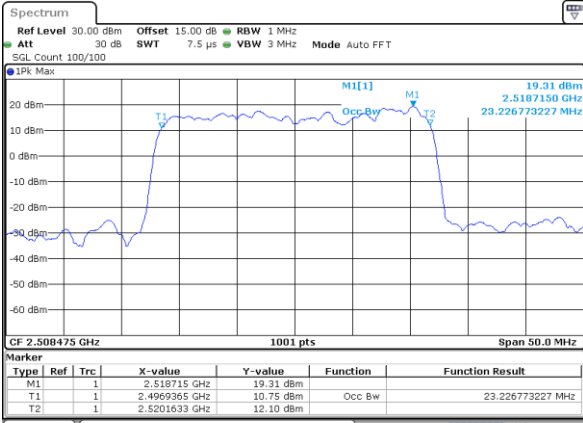
Date: 19.NOV.2022 17:05:02



LTE Band 41C

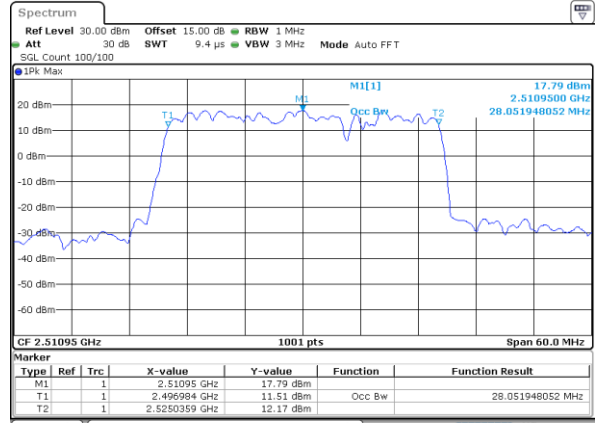
QPSK

Lowest Channel / 20MHz+5MHz



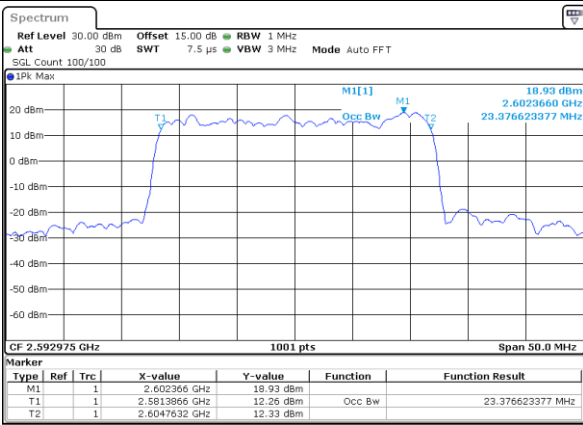
Date: 19,NOV,2022 23:48:13

Lowest Channel / 20MHz+10MHz



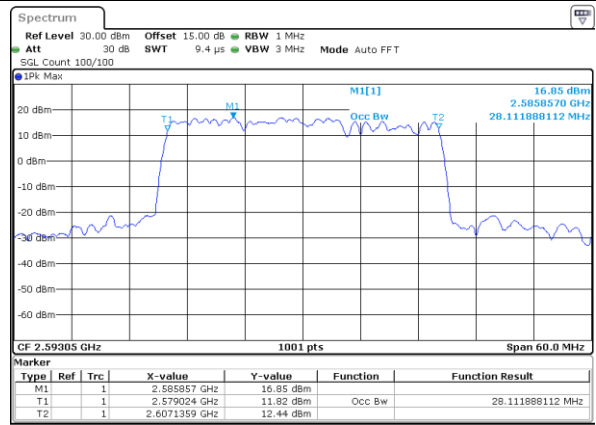
Date: 18,NOV,2022 14:44:30

Middle Channel / 20MHz+5MHz



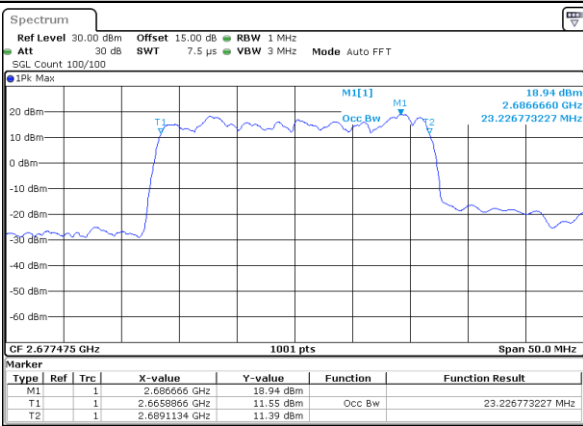
Date: 19,NOV,2022 23:51:27

Middle Channel / 20MHz+10MHz



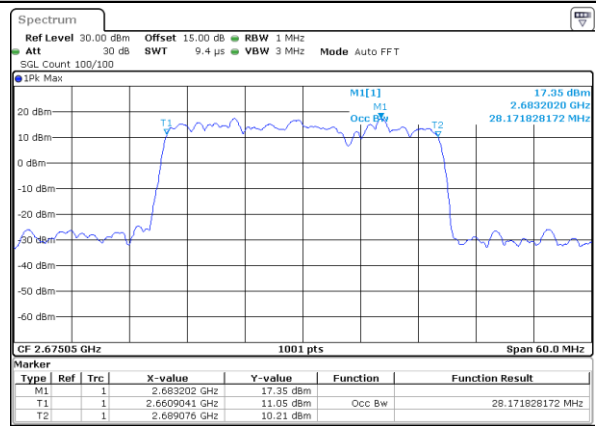
Date: 18,NOV,2022 14:47:32

Highest Channel / 20MHz+5MHz



Date: 19,NOV,2022 23:46:01

Highest Channel / 20MHz+10MHz



Date: 18,NOV,2022 14:51:34