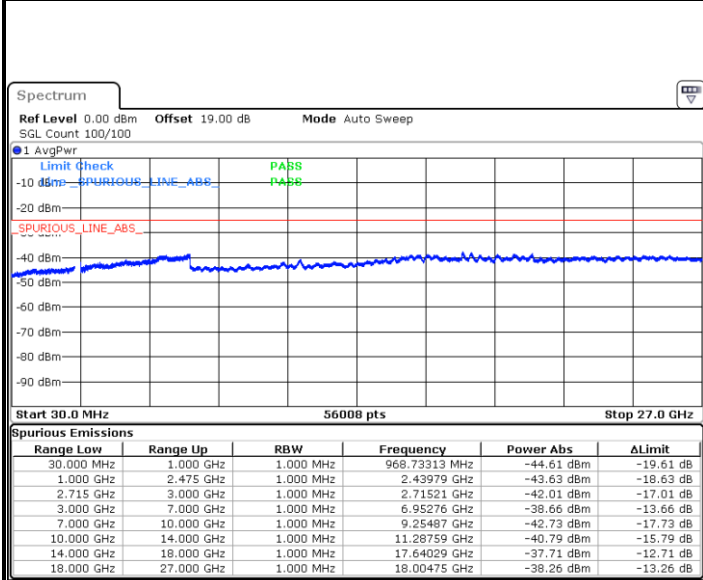




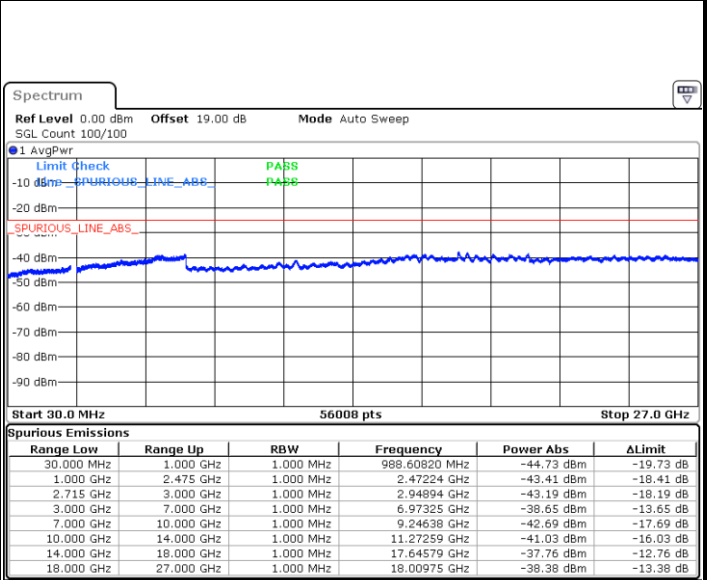
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 22.MAR.2022 16:44:26

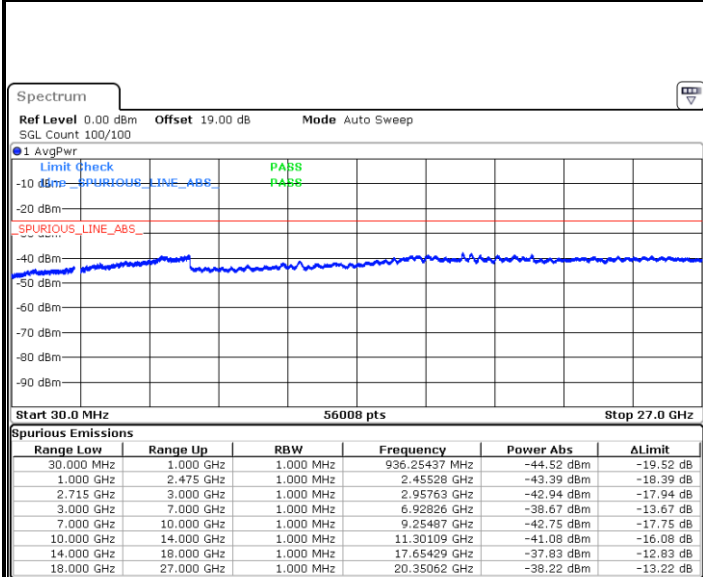
Highest Channel / 16QAM



Date: 22.MAR.2022 16:45:25

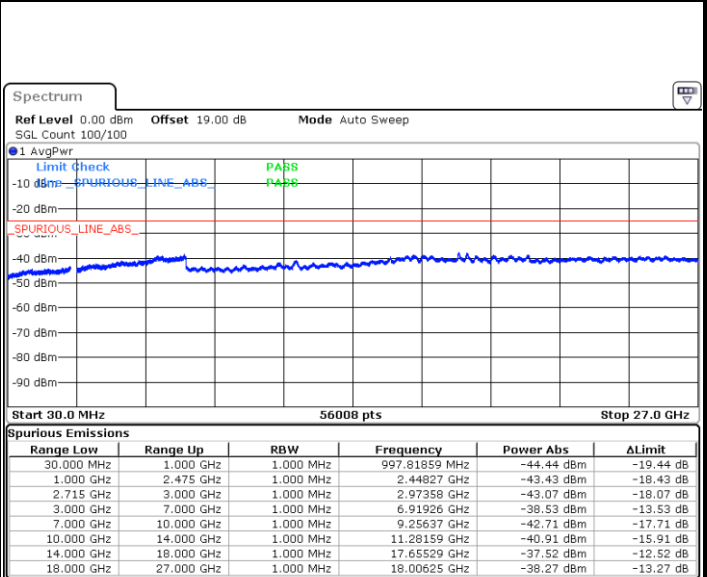
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 22.MAR.2022 16:49:23

Lowest Channel / 16QAM



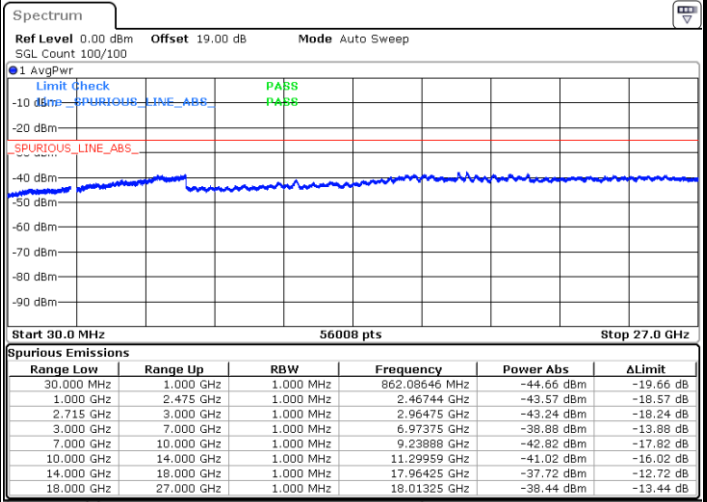
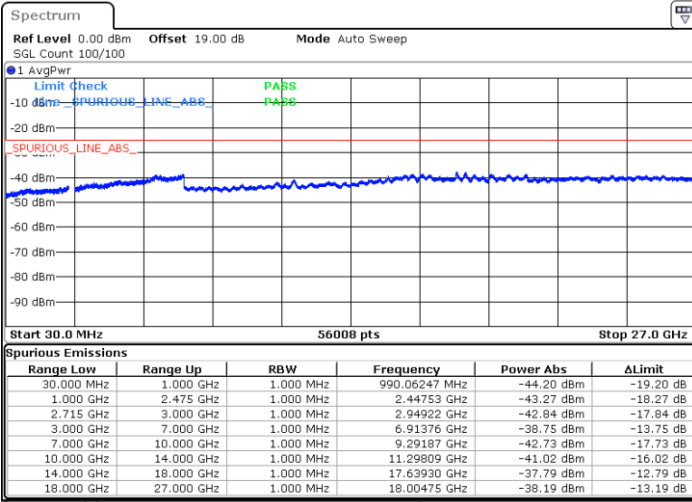
Date: 22.MAR.2022 16:50:23



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

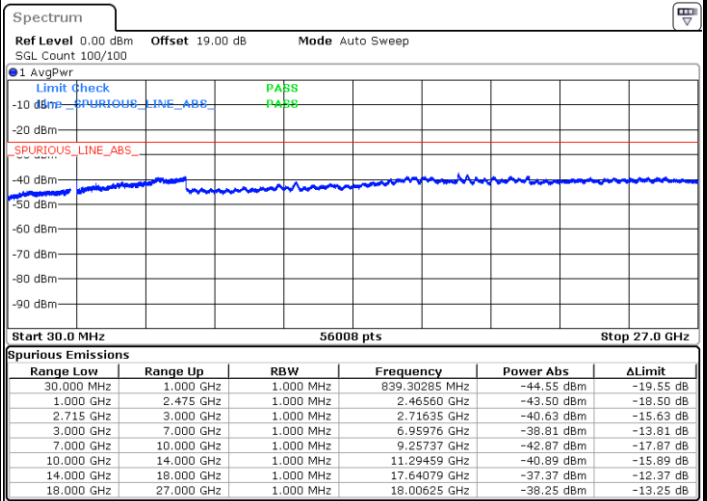
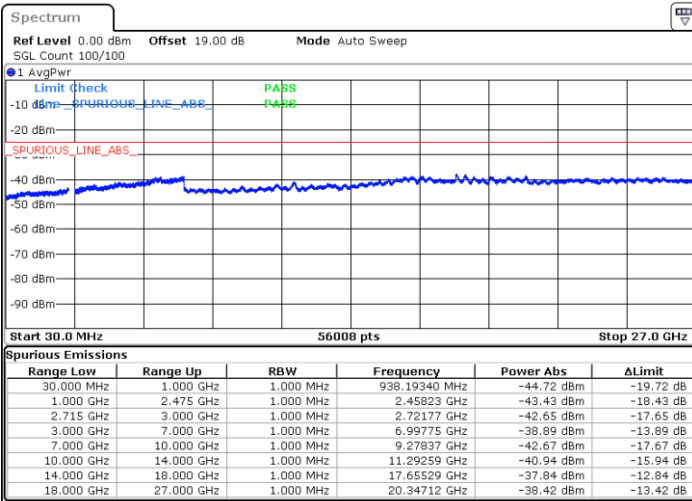


Date: 22.MAR.2022 16:51:22

Date: 22.MAR.2022 16:52:21

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.MAR.2022 16:53:20

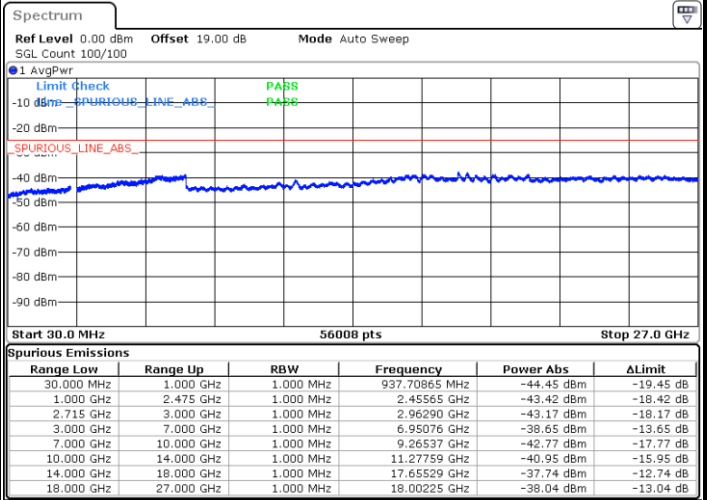
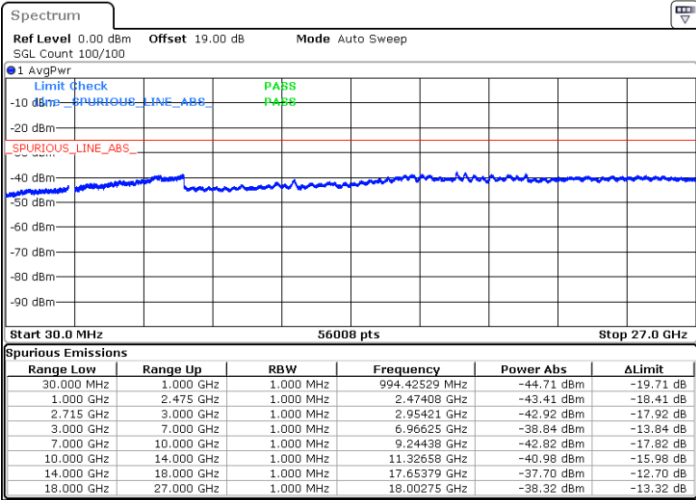
Date: 22.MAR.2022 16:54:19



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

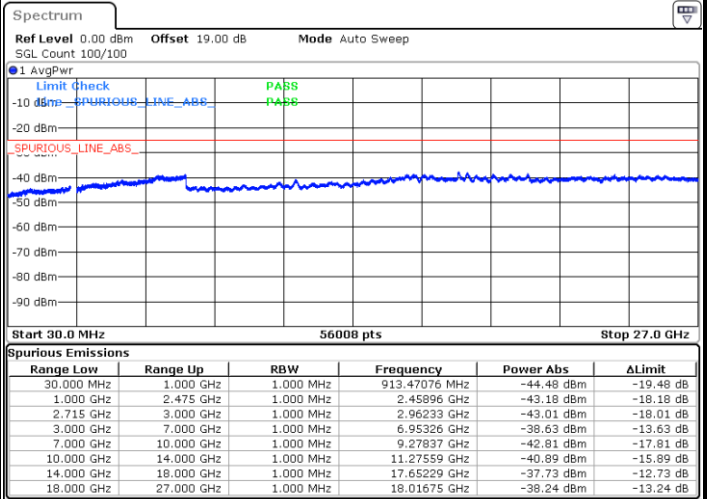
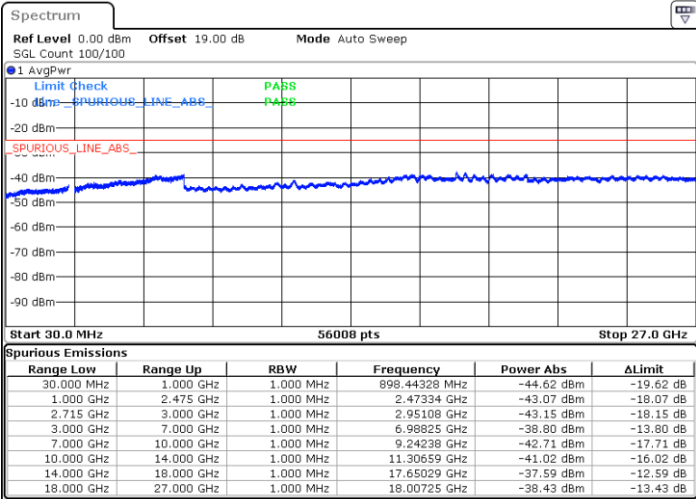


Date: 22.MAR.2022 16:55:19

Date: 22.MAR.2022 16:56:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 22.MAR.2022 16:57:18

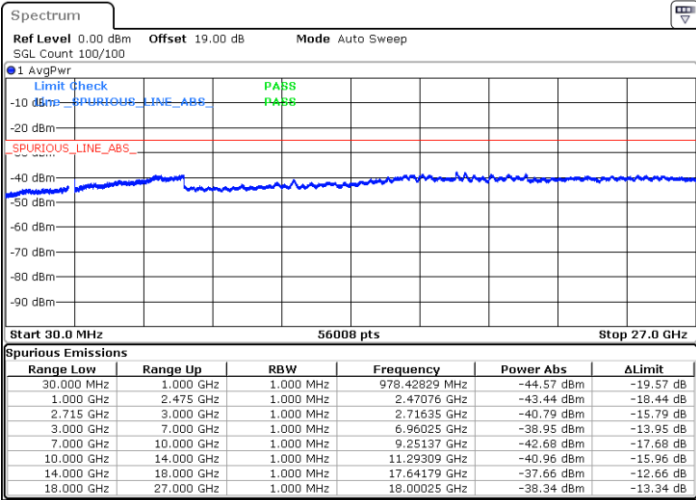
Date: 22.MAR.2022 16:58:17



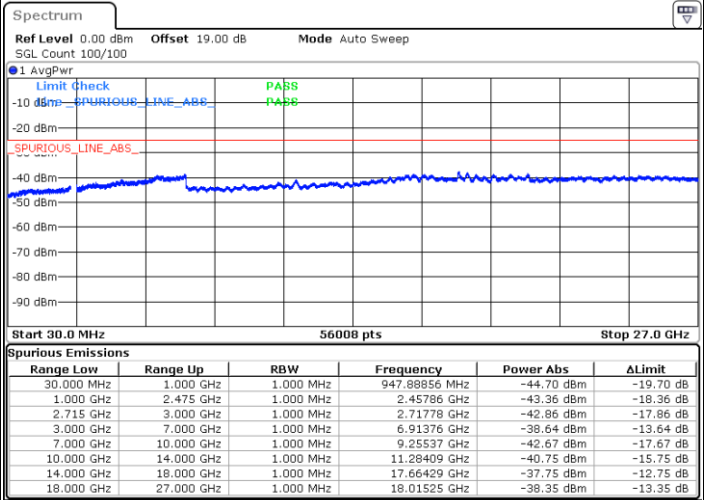
LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.MAR.2022 16:59:17

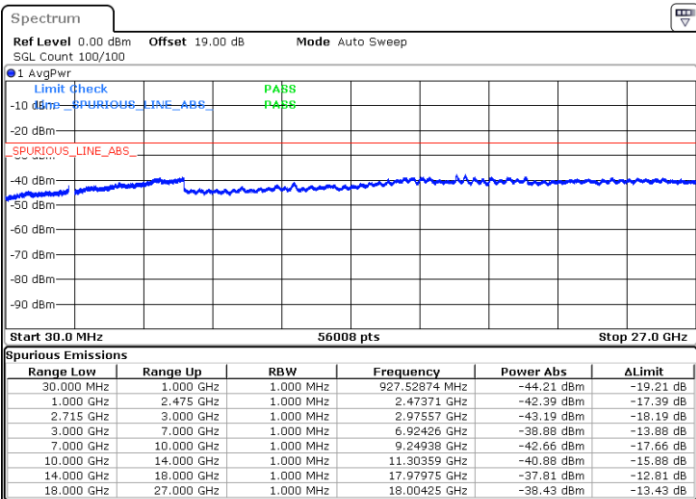


Date: 22.MAR.2022 17:00:16

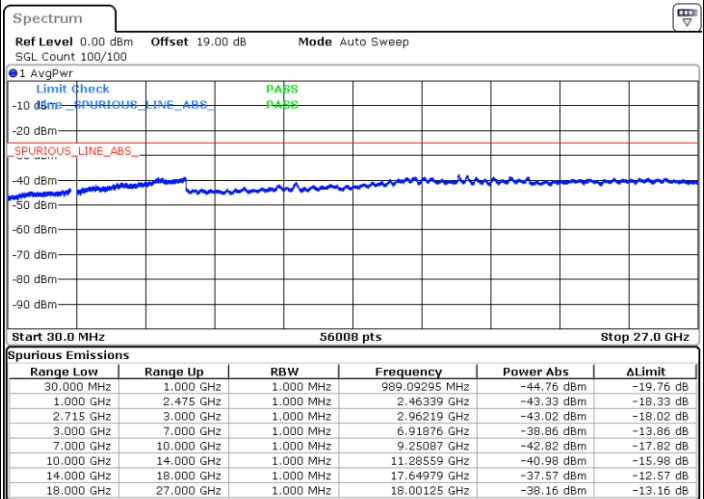
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22.MAR.2022 17:07:12



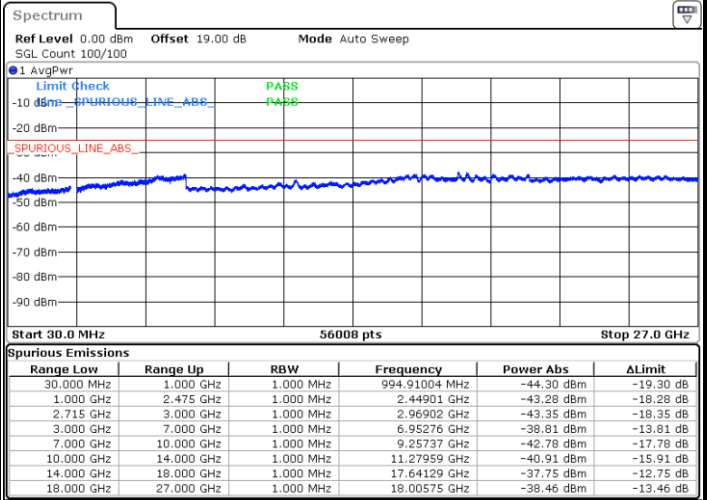
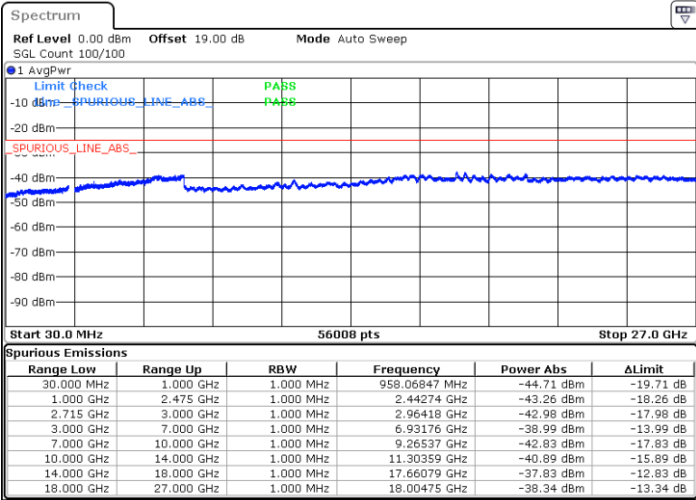
Date: 22.MAR.2022 17:08:11



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

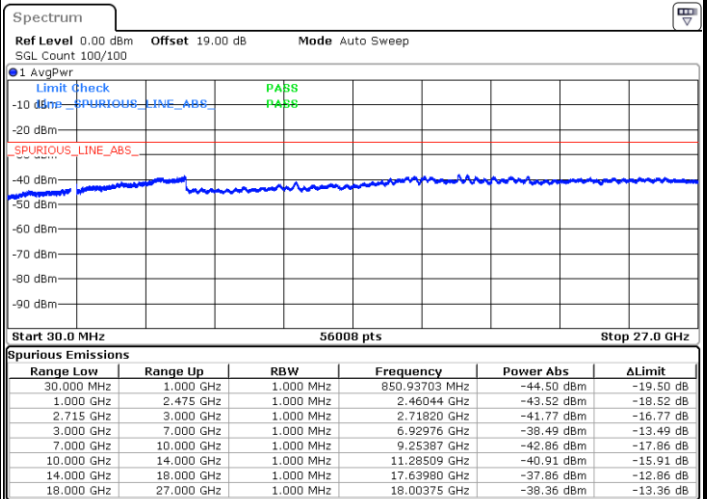
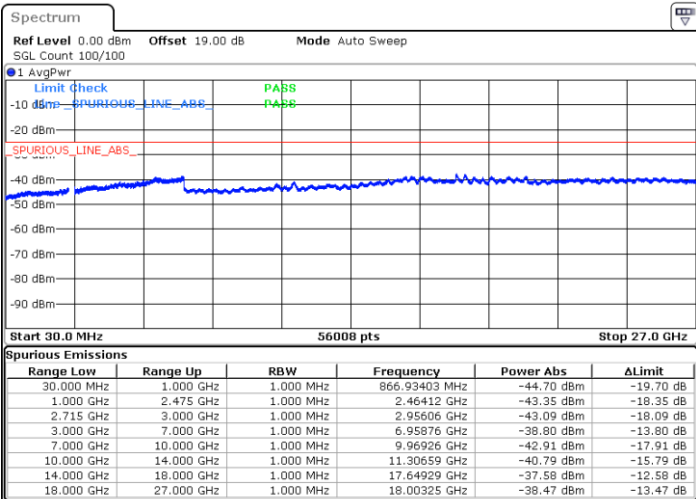


Date: 22.MAR.2022 17:09:10

Date: 22.MAR.2022 17:10:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.MAR.2022 17:11:08

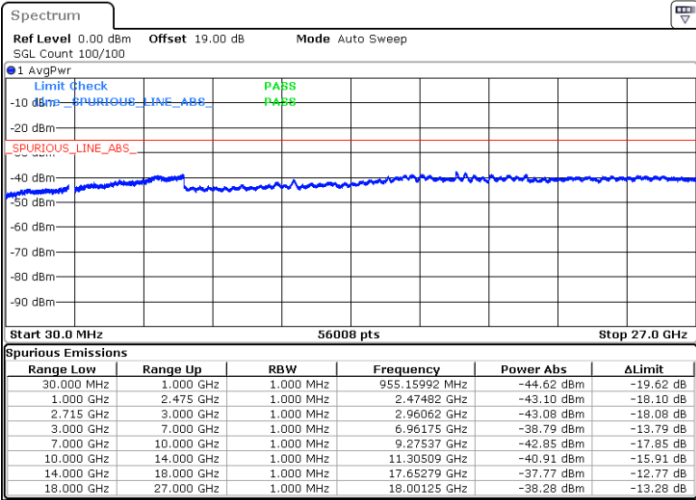
Date: 22.MAR.2022 17:12:08



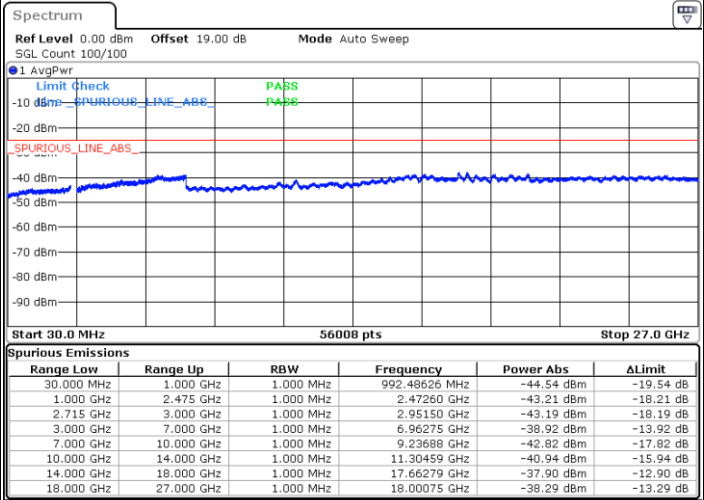
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

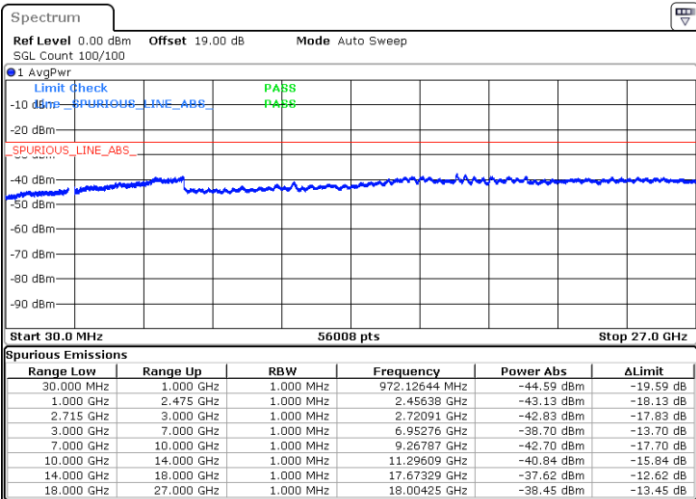


Date: 22.MAR.2022 16:37:32



Date: 22.MAR.2022 16:38:31

Highest Channel / 64QAM



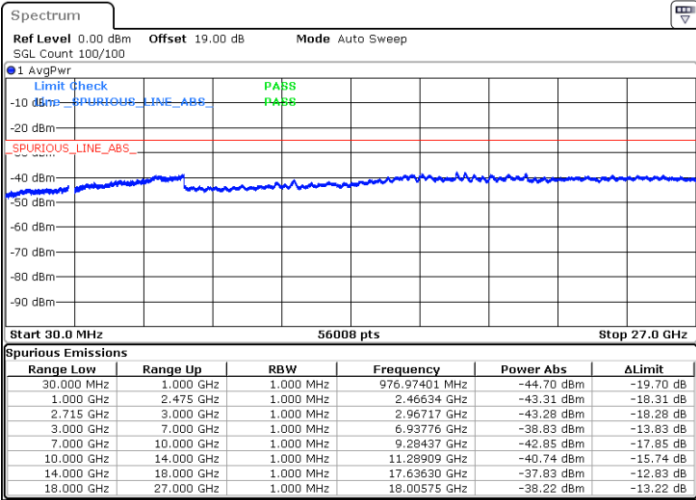
Date: 22.MAR.2022 16:39:30



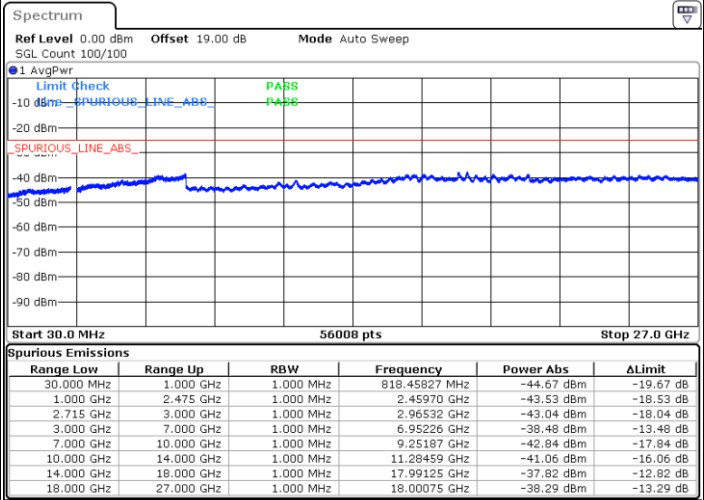
LTE Band 41 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

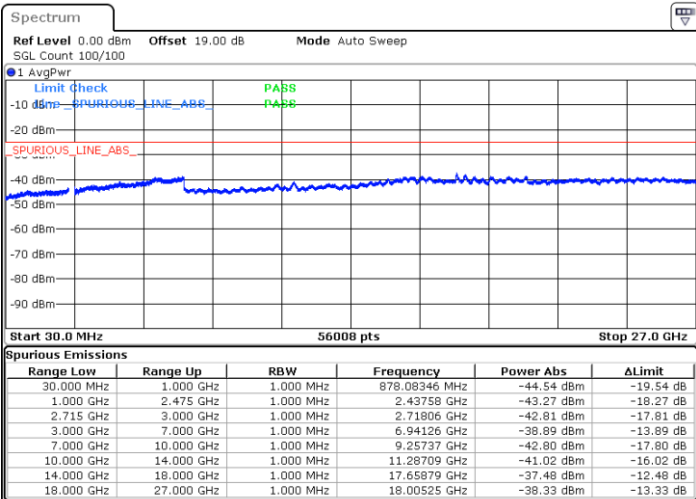


Date: 22.MAR.2022 16:46:25



Date: 22.MAR.2022 16:47:24

Highest Channel / 64QAM



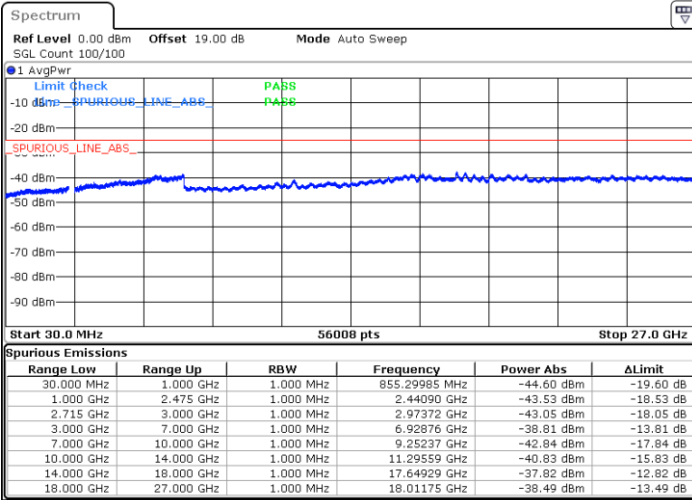
Date: 22.MAR.2022 16:48:24



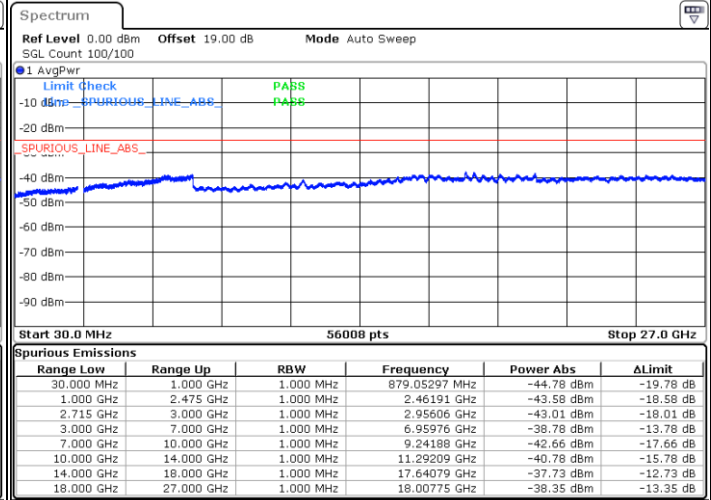
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

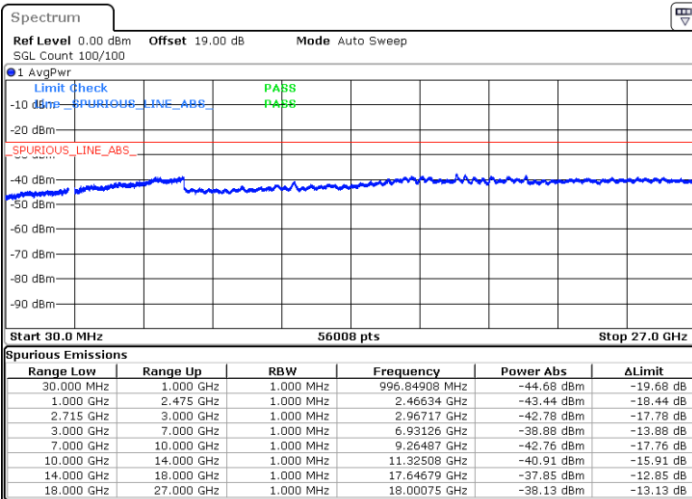


Date: 22.MAR.2022 17:01:16



Date: 22.MAR.2022 17:02:15

Highest Channel / 64QAM



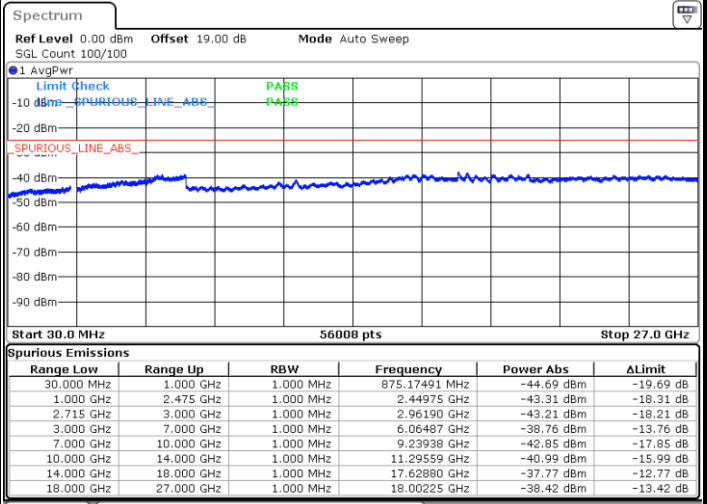
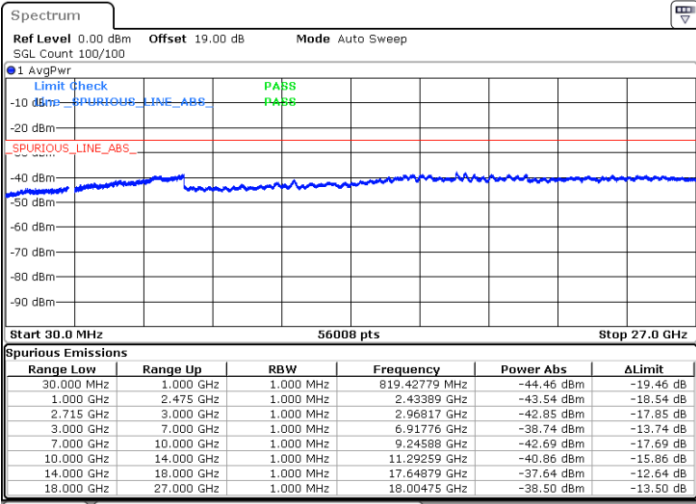
Date: 22.MAR.2022 17:03:14



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

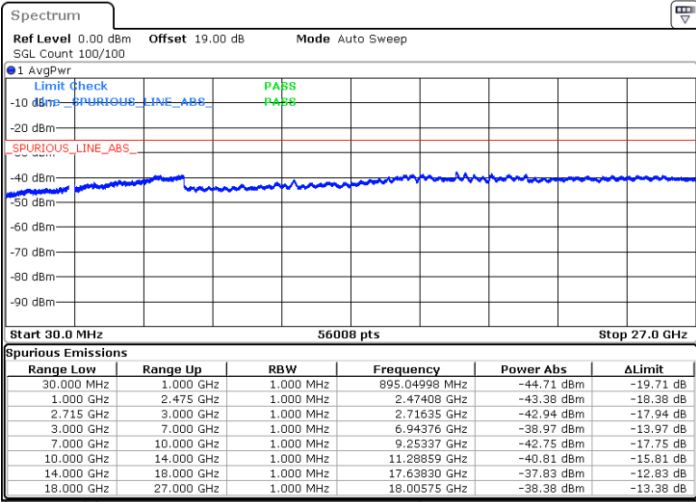
Middle Channel / 64QAM



Date: 22.MAR.2022 17:04:14

Date: 22.MAR.2022 17:05:13

Highest Channel / 64QAM



Date: 22.MAR.2022 17:06:12



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	0.0005	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.96 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.91	25.23	30.99	34.62
Middle CH	29.97	25.23	30.63	34.97
Highest CH	30.03	25.13	30.69	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.97	39.80	-
Middle CH	30.09	34.97	39.88	-
Highest CH	29.97	34.90	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.09	25.48	30.45	34.83
Middle CH	29.85	25.28	30.57	34.90
Highest CH	29.85	25.28	30.51	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	35.11	39.80	-
Middle CH	30.03	34.97	39.88	-
Highest CH	30.09	35.18	39.96	-

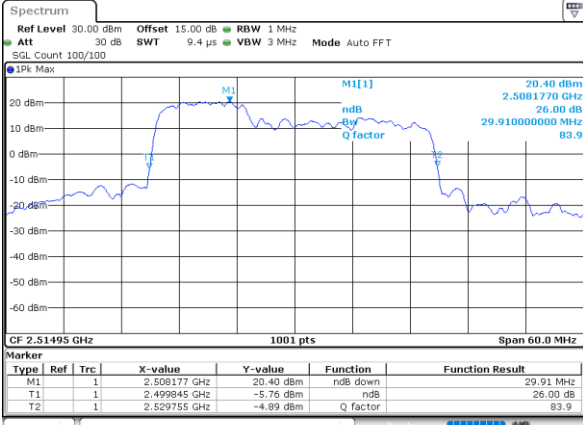
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.33	30.51	34.90
Middle CH	30.03	25.18	30.99	34.97
Highest CH	29.91	25.23	30.75	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.83	39.72	-
Middle CH	30.21	34.83	39.88	-
Highest CH	29.97	35.25	39.88	-



LTE Band 7C

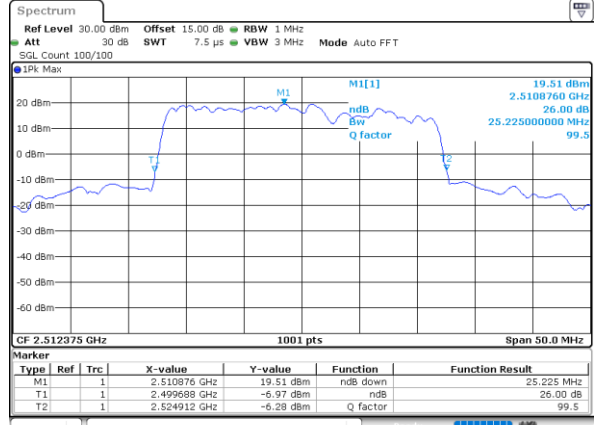
QPSK

Lowest Channel / 10MHz+20MHz



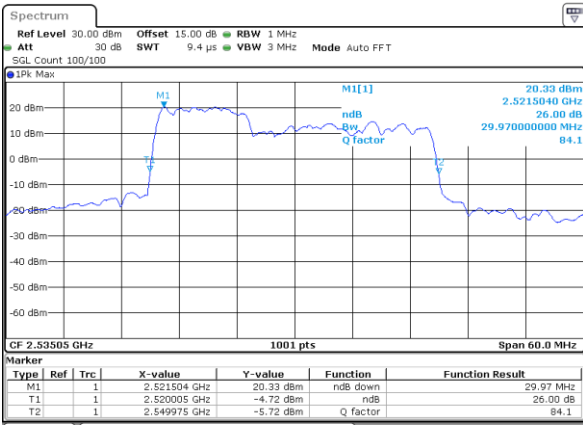
Date: 24.MAR.2022 15:12:43

Lowest Channel / 15MHz+10MHz



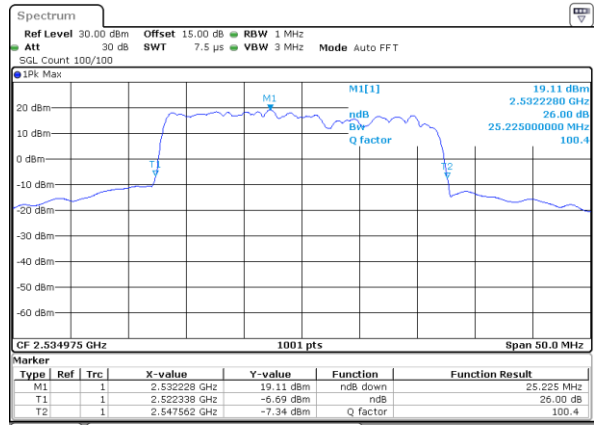
Date: 25.MAR.2022 11:30:02

Middle Channel / 10MHz+20MHz



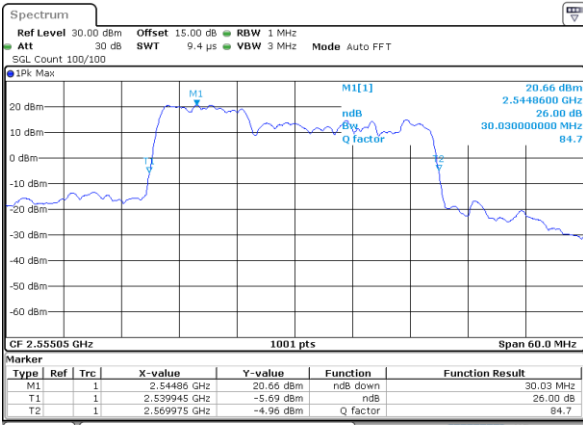
Date: 24.MAR.2022 15:51:20

Middle Channel / 15MHz+10MHz



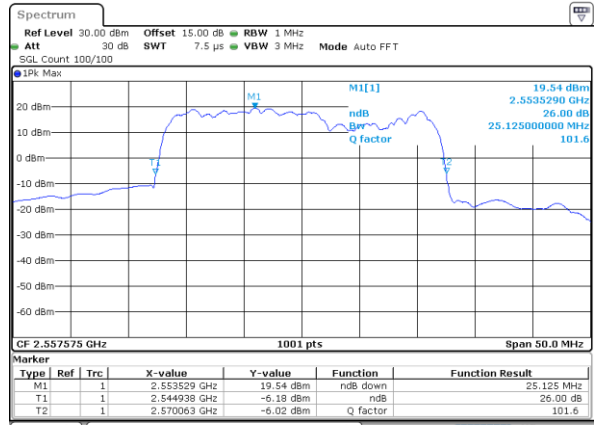
Date: 25.MAR.2022 11:50:32

Highest Channel / 10MHz+20MHz



Date: 24.MAR.2022 16:05:30

Highest Channel / 15MHz+10MHz



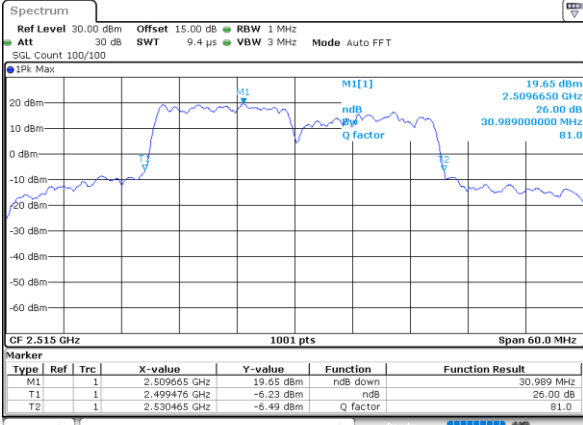
Date: 25.MAR.2022 12:02:43



LTE Band 7C

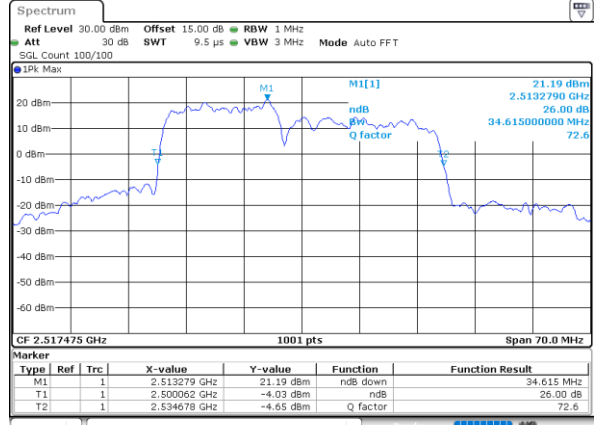
QPSK

Lowest Channel / 15MHz+15MHz



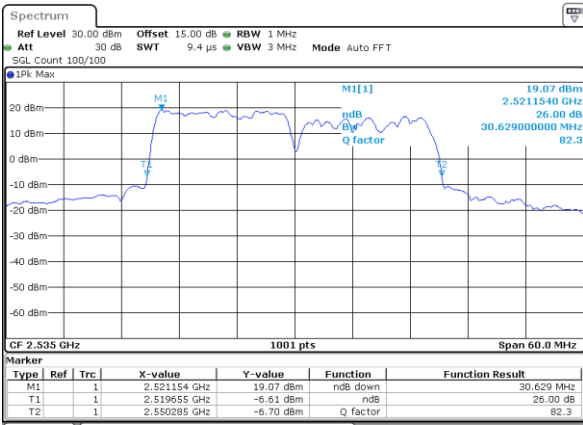
Date: 24.MAR.2022 17:35:06

Lowest Channel / 15MHz+20MHz



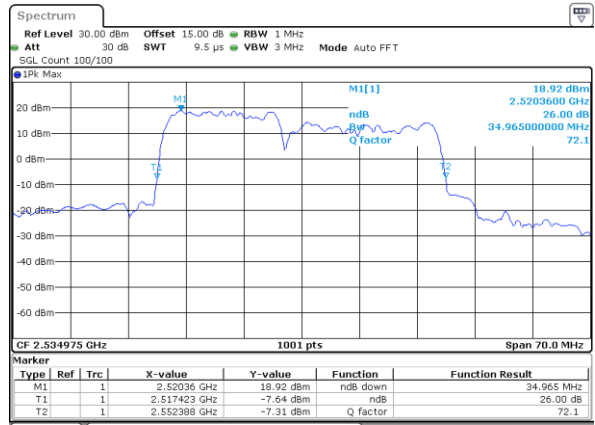
Date: 24.MAR.2022 18:38:56

Middle Channel / 15MHz+15MHz



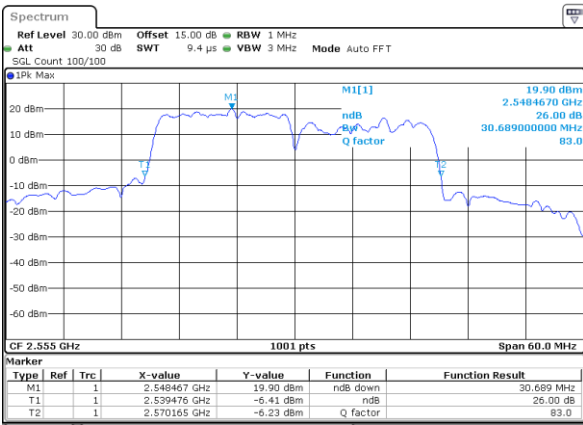
Date: 24.MAR.2022 17:59:18

Middle Channel / 15MHz+20MHz



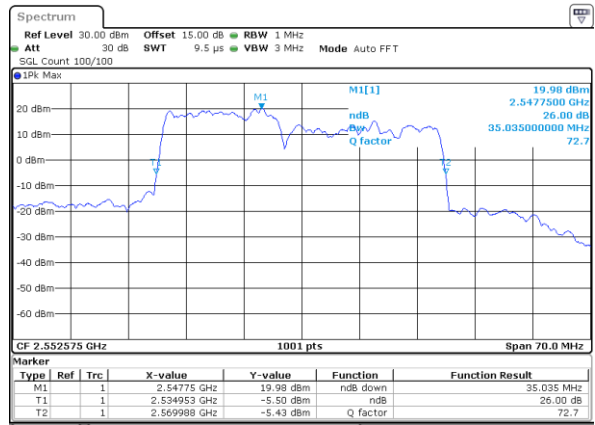
Date: 24.MAR.2022 19:03:08

Highest Channel / 15MHz+15MHz



Date: 24.MAR.2022 18:13:28

Highest Channel / 15MHz+20MHz



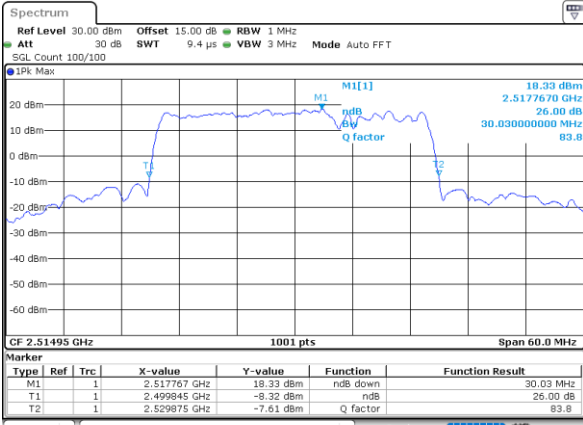
Date: 24.MAR.2022 19:17:18



LTE Band 7C

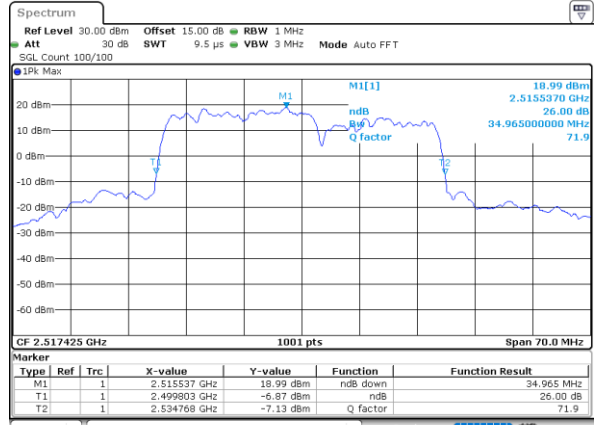
QPSK

Lowest Channel / 20MHz+10MHz



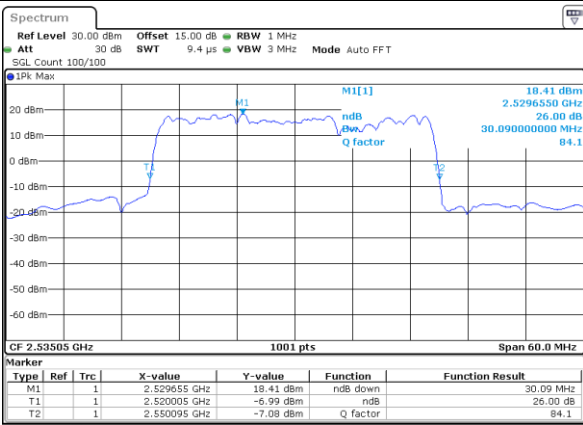
Date: 24.MAR.2022 16:30:58

Lowest Channel / 20MHz+15MHz



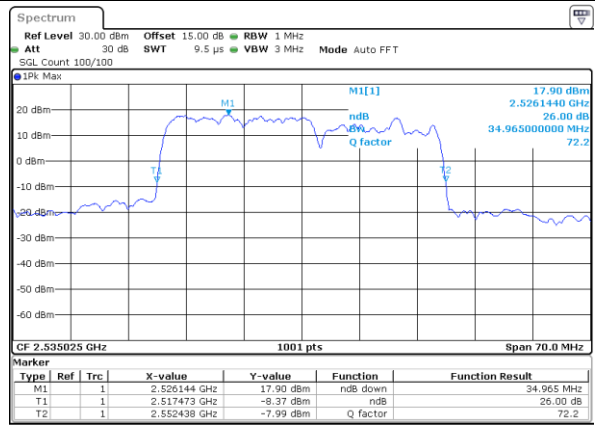
Date: 24.MAR.2022 19:42:46

Middle Channel / 20MHz+10MHz



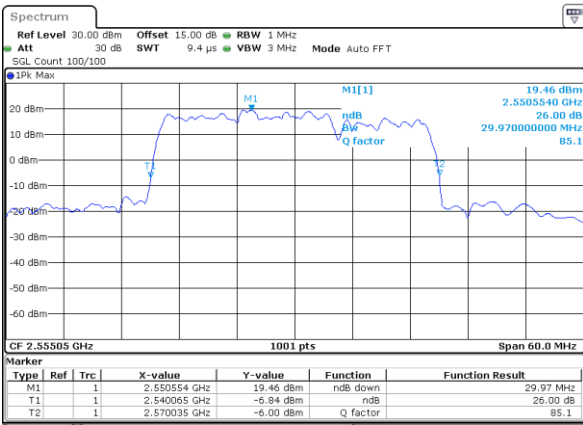
Date: 24.MAR.2022 16:55:22

Middle Channel / 20MHz+15MHz



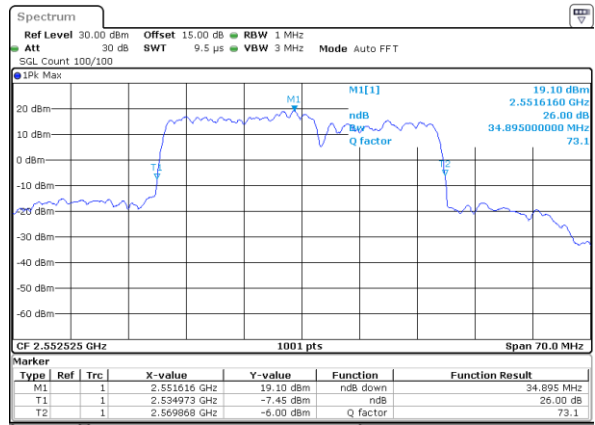
Date: 24.MAR.2022 20:07:02

Highest Channel / 20MHz+10MHz



Date: 24.MAR.2022 17:09:32

Highest Channel / 20MHz+15MHz



Date: 24.MAR.2022 20:21:14

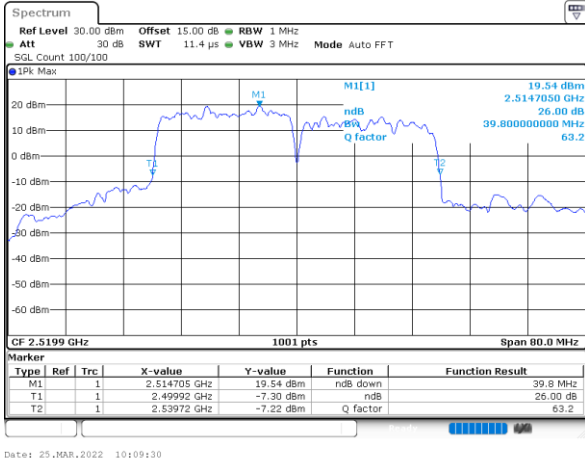


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

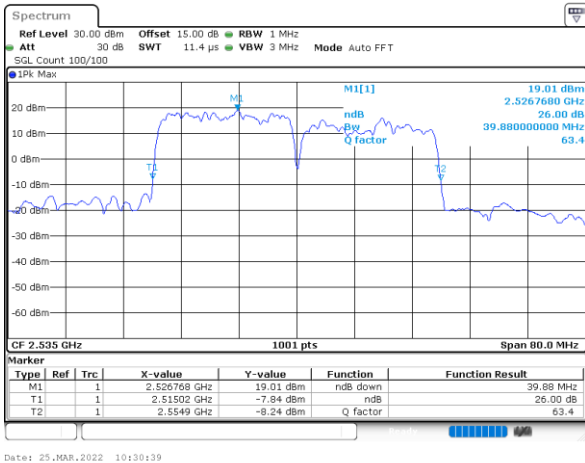
N/A



Date: 25_MAR_2022 10:09:30

Middle Channel / 20MHz+20MHz

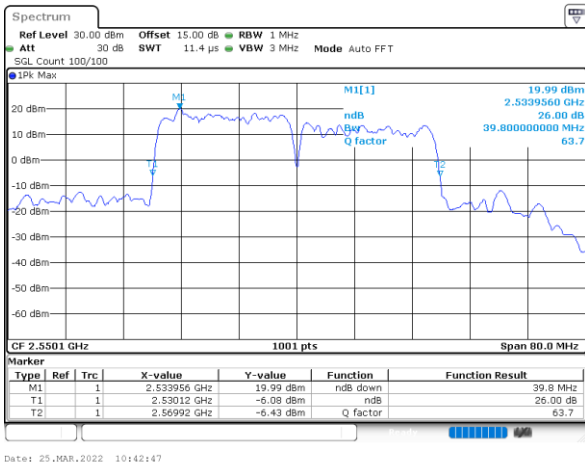
N/A



Date: 25_MAR_2022 10:30:39

Highest Channel / 20MHz+20MHz

N/A



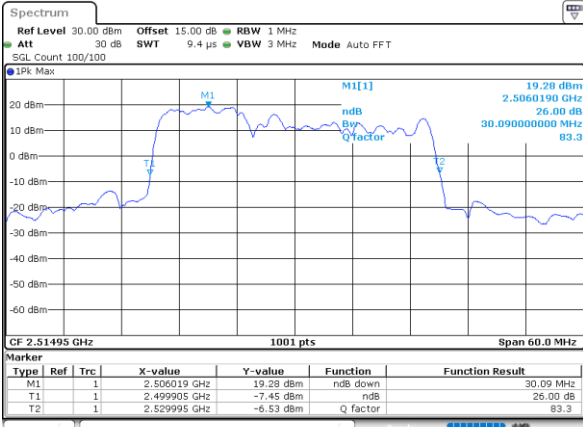
Date: 25_MAR_2022 10:42:47



LTE Band 7C

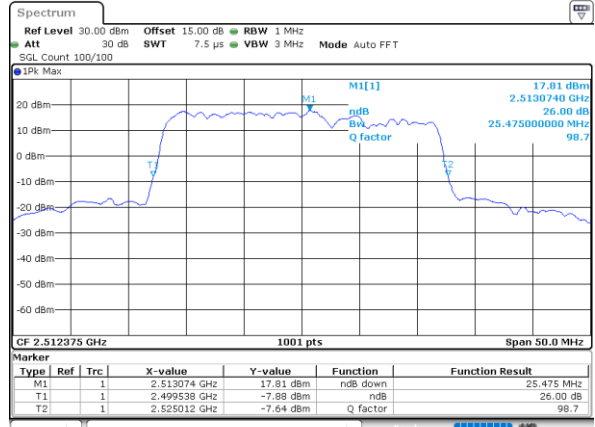
16QAM

Lowest Channel / 10MHz+20MHz



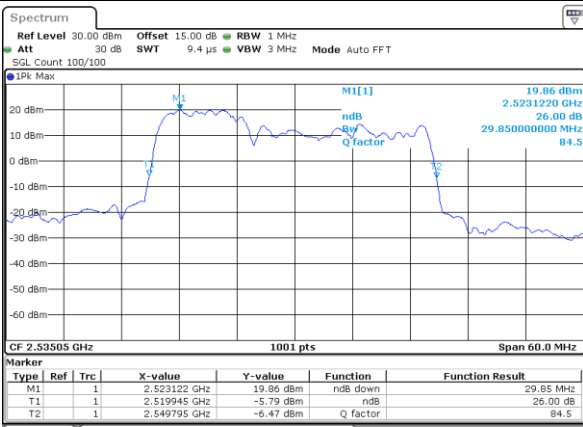
Date: 24.MAR.2022 15:12:05

Lowest Channel / 15MHz+10MHz



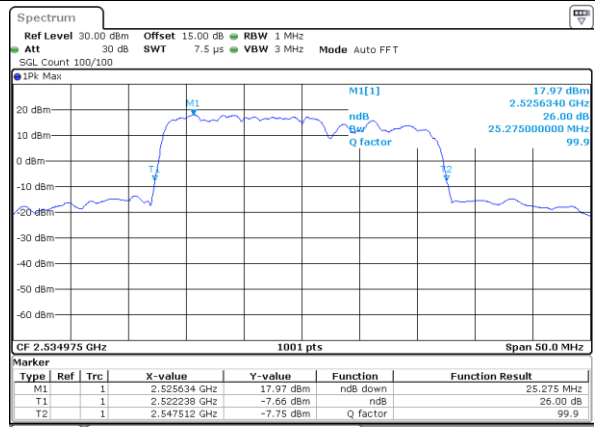
Date: 25.MAR.2022 11:29:33

Middle Channel / 10MHz+20MHz



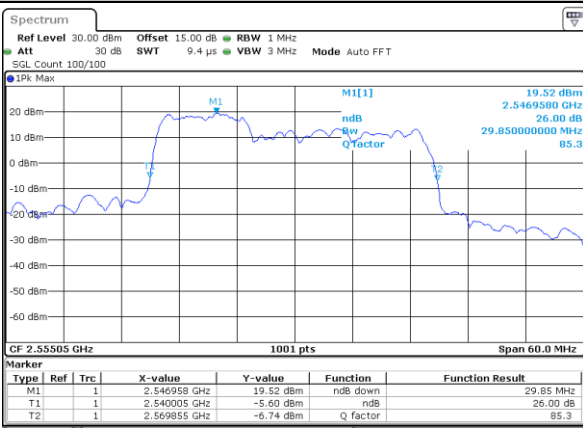
Date: 24.MAR.2022 15:50:42

Middle Channel / 15MHz+10MHz



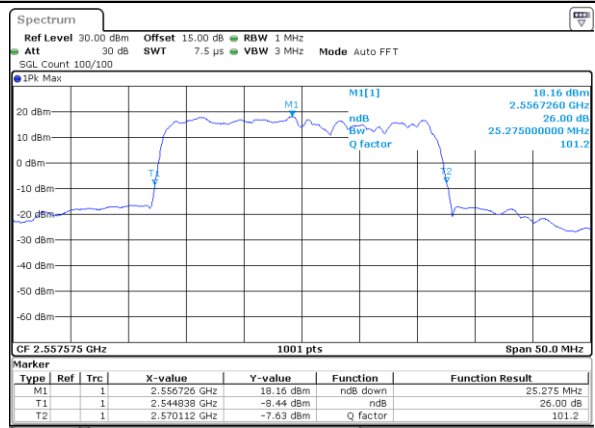
Date: 25.MAR.2022 11:50:04

Highest Channel / 10MHz+20MHz



Date: 24.MAR.2022 16:06:07

Highest Channel / 15MHz+10MHz



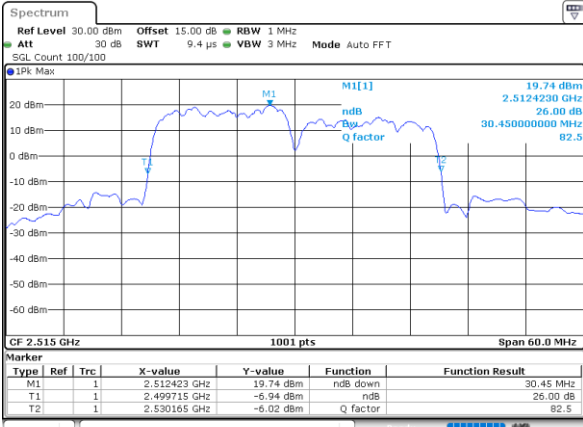
Date: 25.MAR.2022 12:03:11



LTE Band 7C

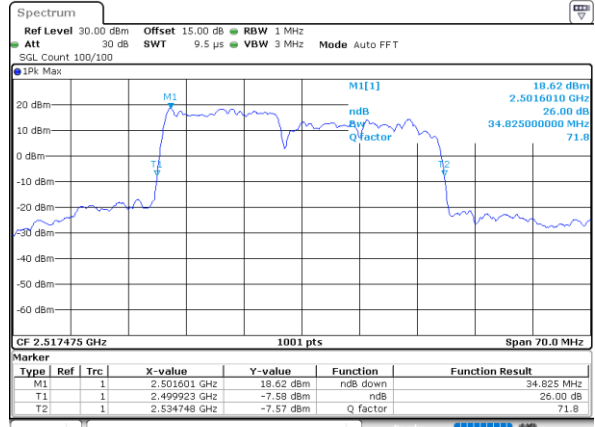
16QAM

Lowest Channel / 15MHz+15MHz



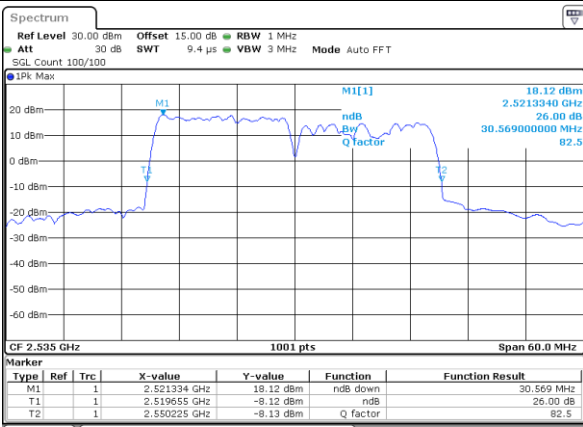
Date: 24.MAR.2022 17:34:28

Lowest Channel / 15MHz+20MHz



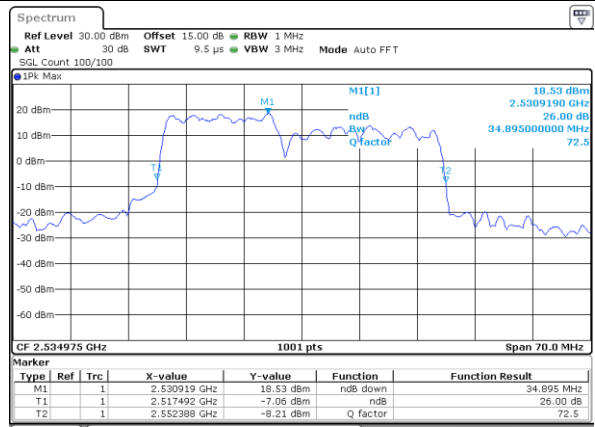
Date: 24.MAR.2022 18:38:19

Middle Channel / 15MHz+15MHz



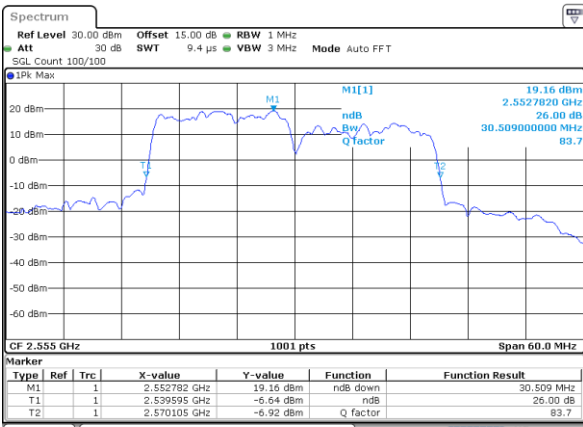
Date: 24.MAR.2022 17:58:40

Middle Channel / 15MHz+20MHz



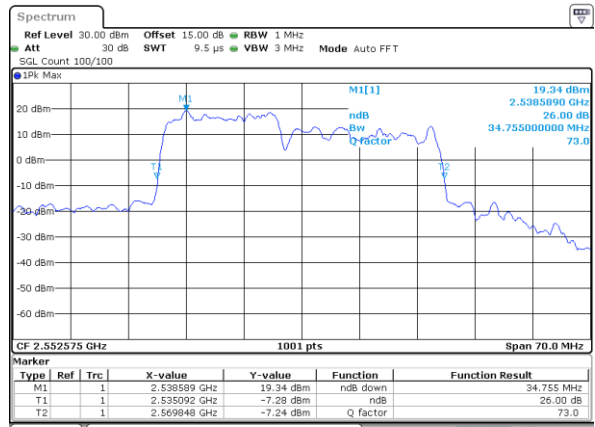
Date: 24.MAR.2022 19:02:30

Highest Channel / 15MHz+15MHz



Date: 24.MAR.2022 18:14:05

Highest Channel / 15MHz+20MHz



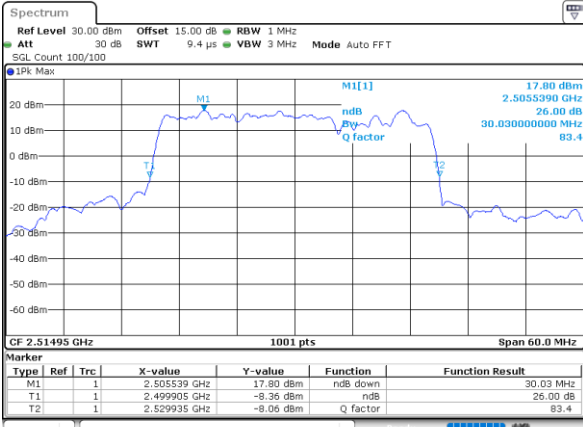
Date: 24.MAR.2022 19:17:55



LTE Band 7C

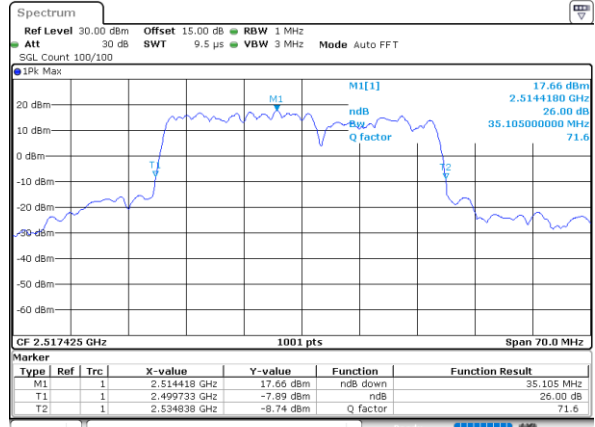
16QAM

Lowest Channel / 20MHz+10MHz



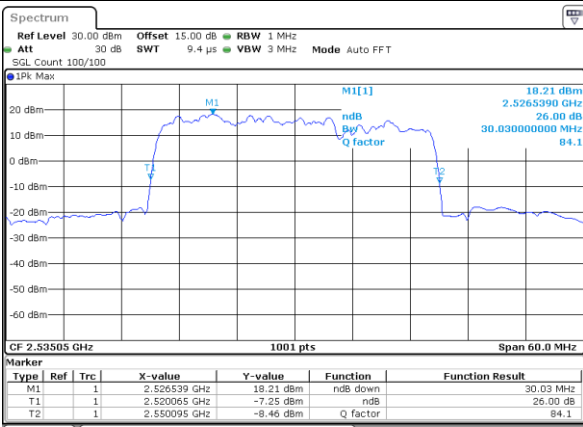
Date: 24.MAR.2022 16:30:20

Lowest Channel / 20MHz+15MHz



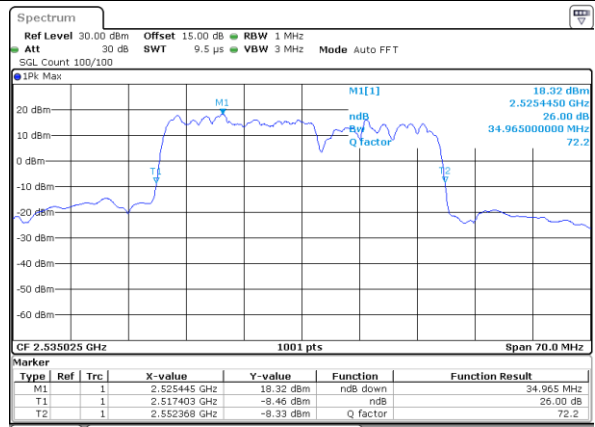
Date: 24.MAR.2022 19:42:09

Middle Channel / 20MHz+10MHz



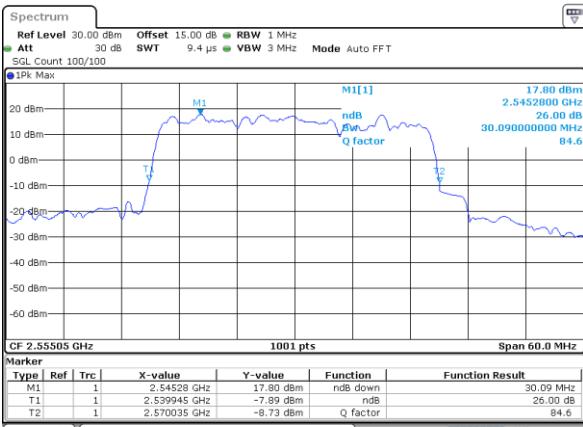
Date: 24.MAR.2022 16:54:44

Middle Channel / 20MHz+15MHz



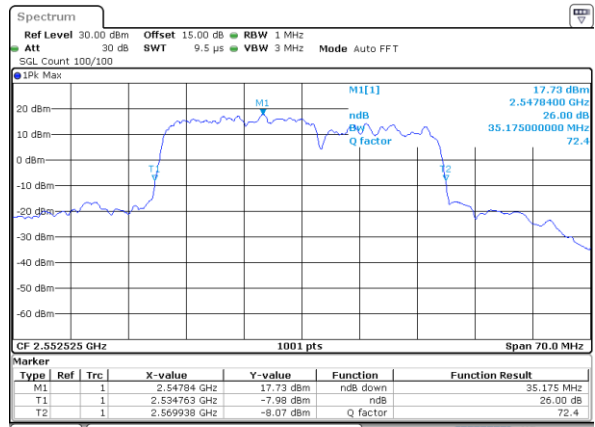
Date: 24.MAR.2022 20:06:25

Highest Channel / 20MHz+10MHz



Date: 24.MAR.2022 17:10:10

Highest Channel / 20MHz+15MHz



Date: 24.MAR.2022 20:21:51

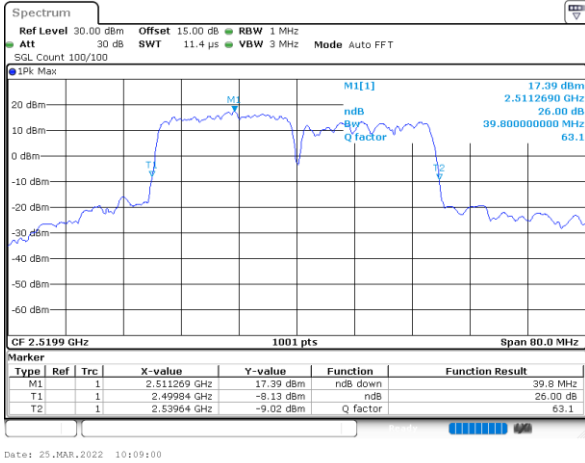


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

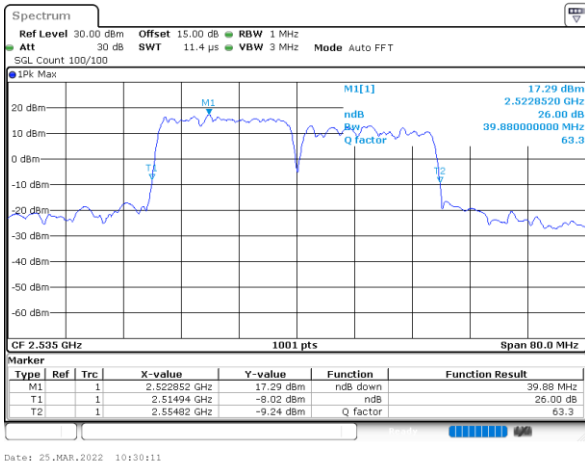
N/A



Date: 25_MAR_2022 10:09:00

Middle Channel / 20MHz+20MHz

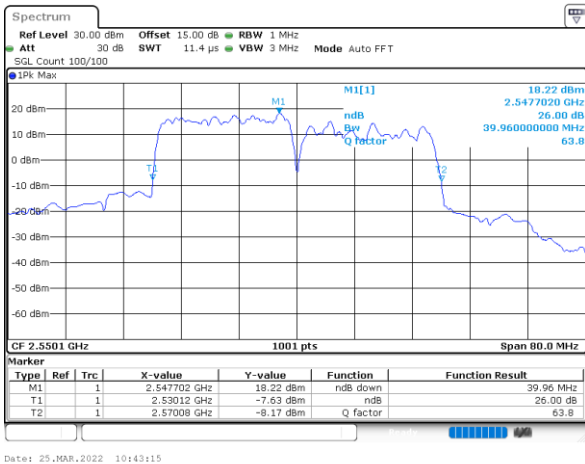
N/A



Date: 25_MAR_2022 10:30:11

Highest Channel / 20MHz+20MHz

N/A



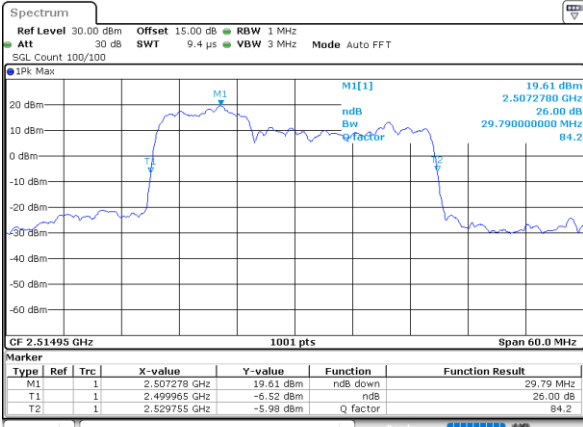
Date: 25_MAR_2022 10:43:15



LTE Band 7C

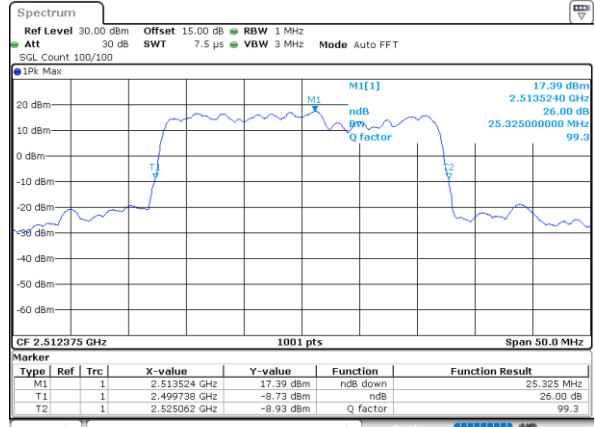
64QAM

Lowest Channel / 10MHz+20MHz



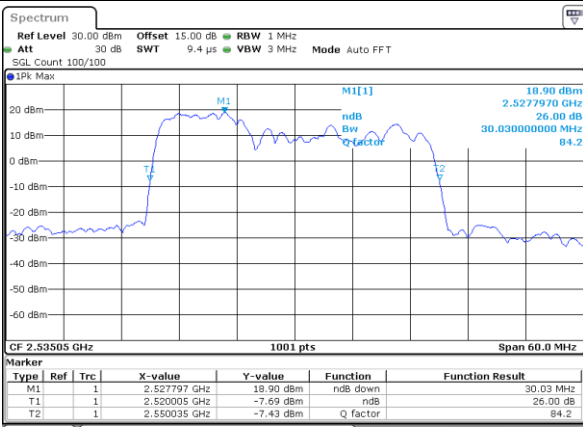
Date: 24.MAR.2022 15:11:28

Lowest Channel / 15MHz+10MHz



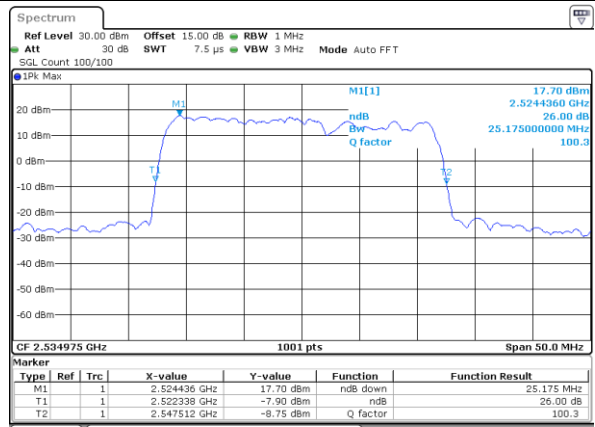
Date: 25.MAR.2022 11:29:05

Middle Channel / 10MHz+20MHz



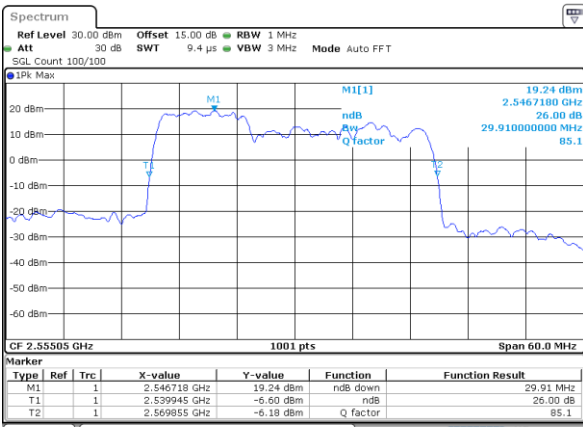
Date: 24.MAR.2022 15:50:05

Middle Channel / 15MHz+10MHz



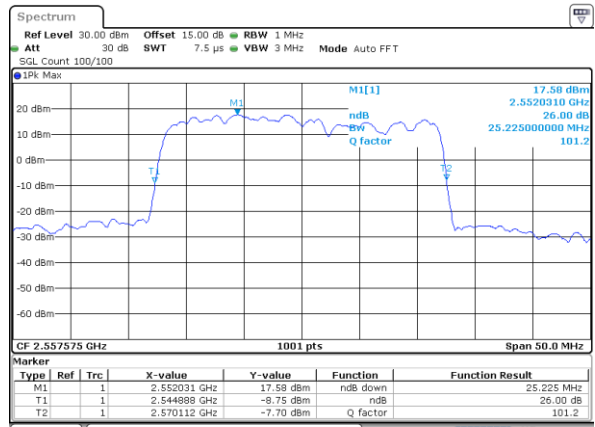
Date: 25.MAR.2022 11:49:36

Highest Channel / 10MHz+20MHz



Date: 24.MAR.2022 16:06:45

Highest Channel / 15MHz+10MHz



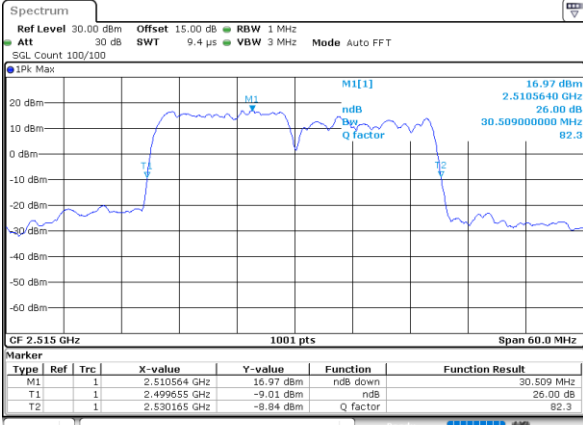
Date: 25.MAR.2022 12:03:39



LTE Band 7C

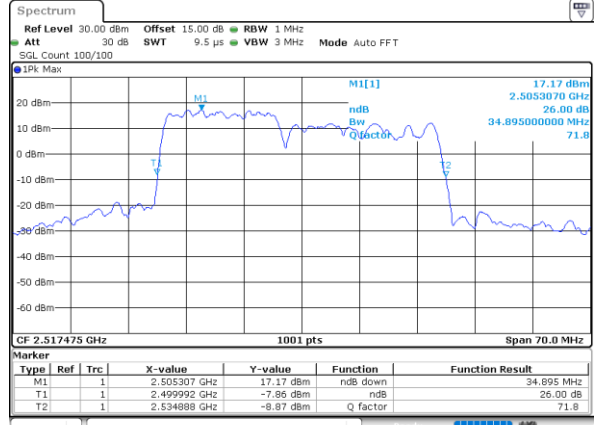
64QAM

Lowest Channel / 15MHz+15MHz



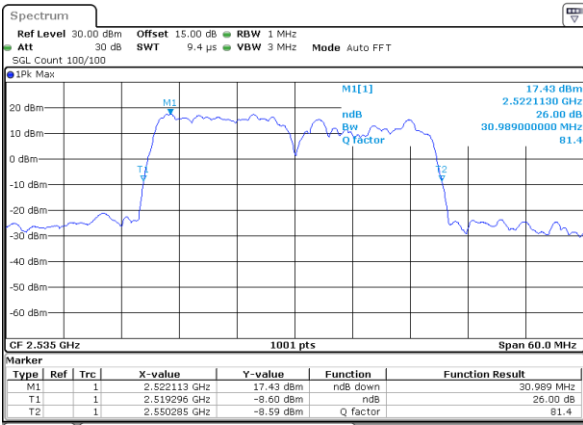
Date: 24.MAR.2022 17:33:51

Lowest Channel / 15MHz+20MHz



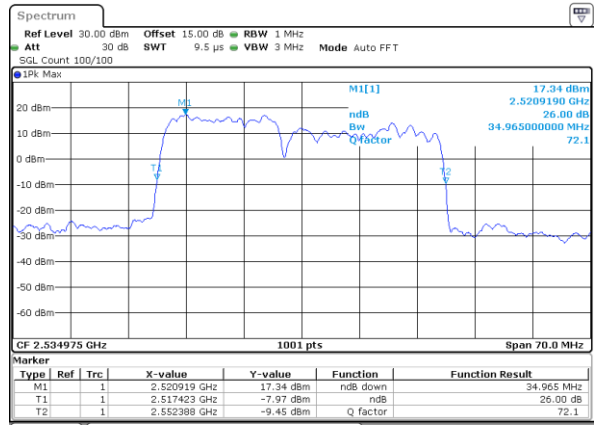
Date: 24.MAR.2022 18:37:42

Middle Channel / 15MHz+15MHz



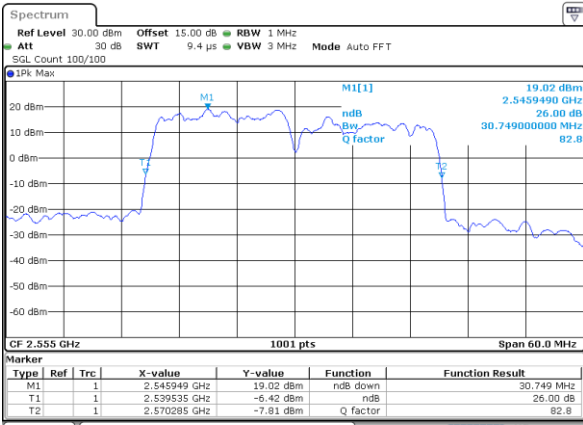
Date: 24.MAR.2022 17:58:03

Middle Channel / 15MHz+20MHz



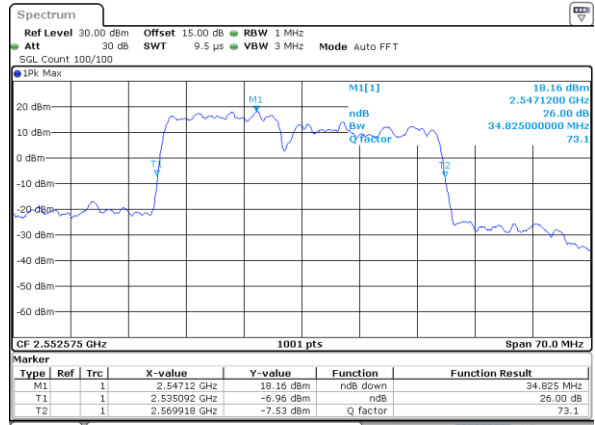
Date: 24.MAR.2022 19:01:53

Highest Channel / 15MHz+15MHz



Date: 24.MAR.2022 18:14:43

Highest Channel / 15MHz+20MHz



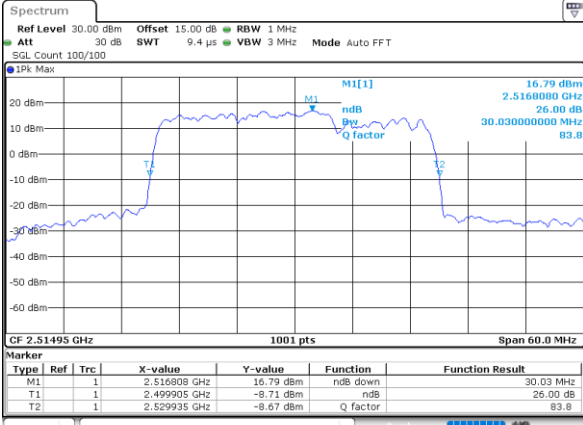
Date: 24.MAR.2022 19:18:33



LTE Band 7C

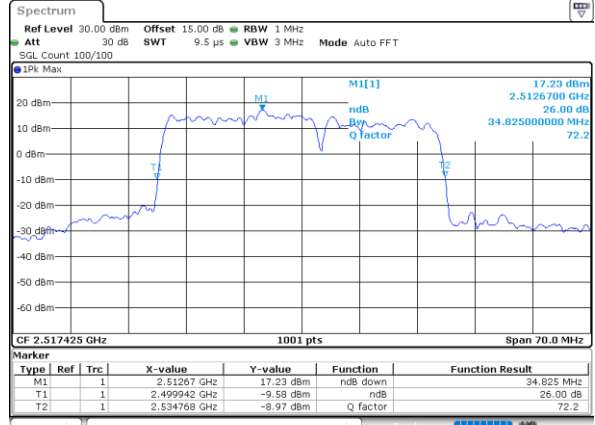
64QAM

Lowest Channel / 20MHz+10MHz



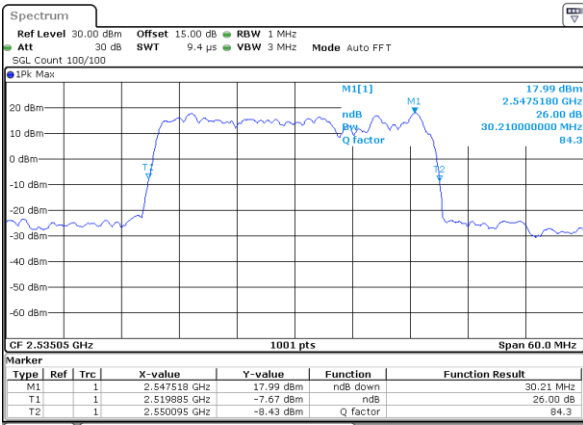
Date: 24.MAR.2022 16:29:43

Lowest Channel / 20MHz+15MHz



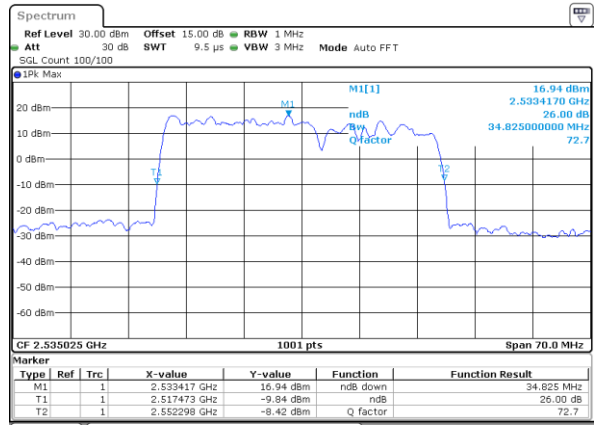
Date: 24.MAR.2022 19:41:32

Middle Channel / 20MHz+10MHz



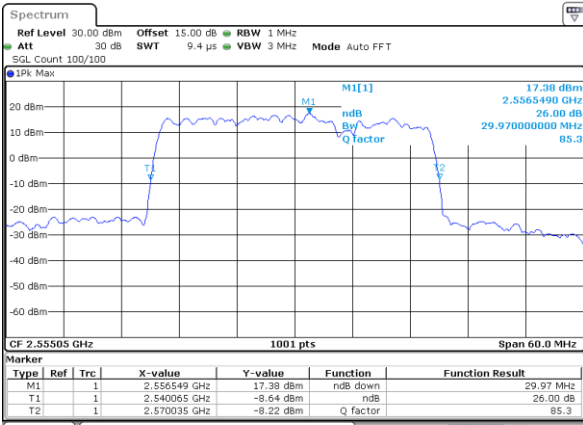
Date: 24.MAR.2022 16:54:07

Middle Channel / 20MHz+15MHz



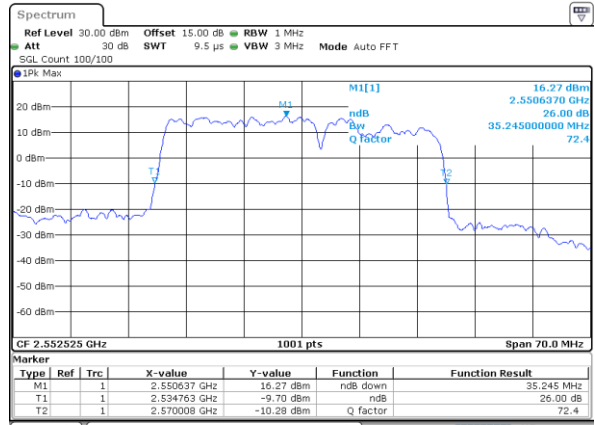
Date: 24.MAR.2022 20:05:47

Highest Channel / 20MHz+10MHz



Date: 24.MAR.2022 17:10:47

Highest Channel / 20MHz+15MHz



Date: 24.MAR.2022 20:22:28

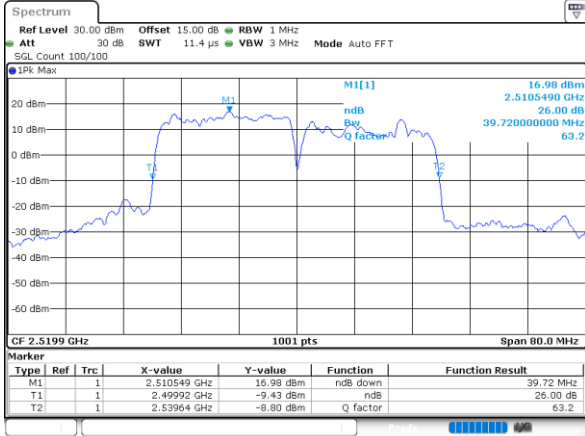


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

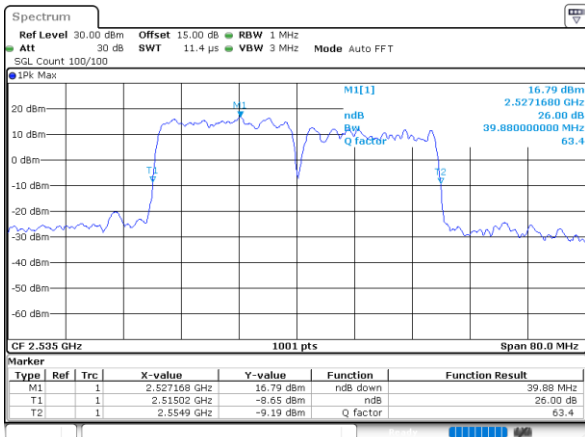
N/A



Date: 25_MAR_2022 10:08:29

Middle Channel / 20MHz+20MHz

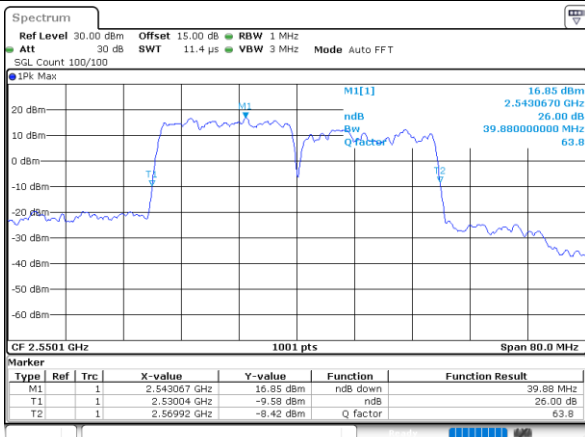
N/A



Date: 25_MAR_2022 10:29:43

Highest Channel / 20MHz+20MHz

N/A



Date: 25_MAR_2022 10:43:43



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.81	23.53	28.35	32.66
Middle CH	28.29	23.48	28.53	32.80
Highest CH	27.81	23.63	28.59	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.05	32.66	37.80	-
Middle CH	27.93	32.73	37.96	-
Highest CH	28.05	32.94	37.48	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.75	23.58	28.29	32.87
Middle CH	27.57	23.58	28.59	33.08
Highest CH	27.75	23.43	28.59	32.45
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.99	33.01	37.56	-
Middle CH	28.05	32.59	37.88	-
Highest CH	28.05	32.66	37.64	-

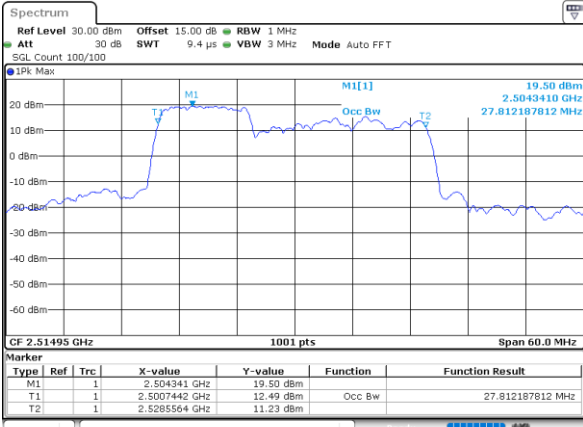
Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.87	23.28	28.71	32.52
Middle CH	27.69	23.48	28.53	32.45
Highest CH	27.93	23.33	28.53	32.66
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.11	32.66	37.24	-
Middle CH	27.87	32.80	37.48	-
Highest CH	27.87	32.94	37.80	-



LTE Band 7C

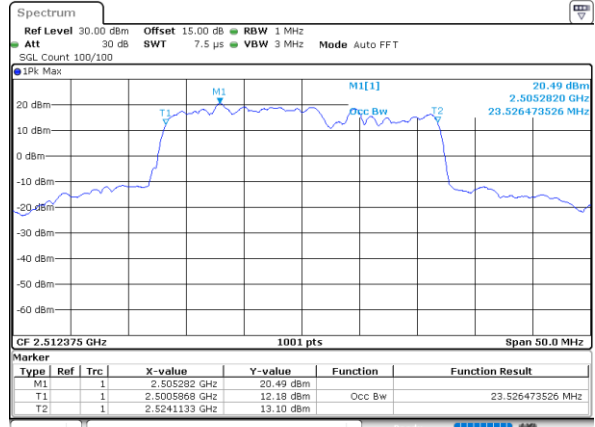
QPSK

Lowest Channel / 10MHz+20MHz



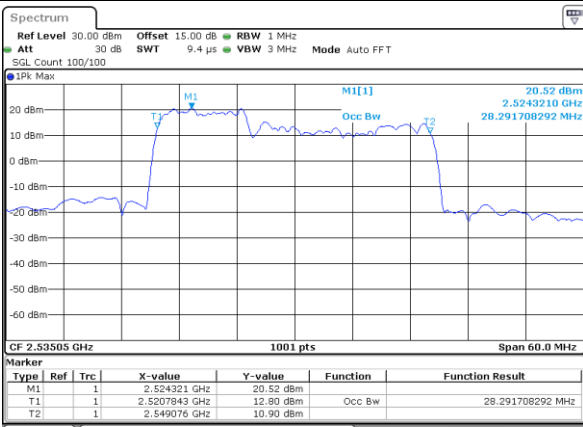
Date: 24.MAR.2022 15:09:35

Lowest Channel / 15MHz+10MHz



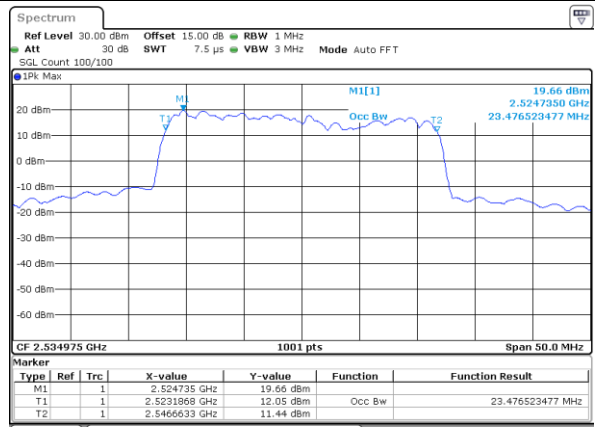
Date: 25.MAR.2022 11:27:41

Middle Channel / 10MHz+20MHz



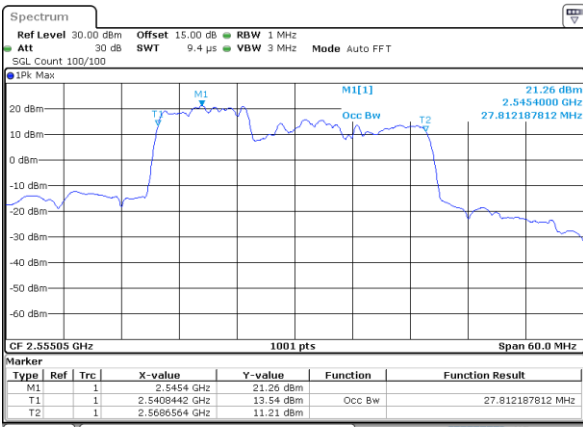
Date: 24.MAR.2022 15:48:14

Middle Channel / 15MHz+10MHz



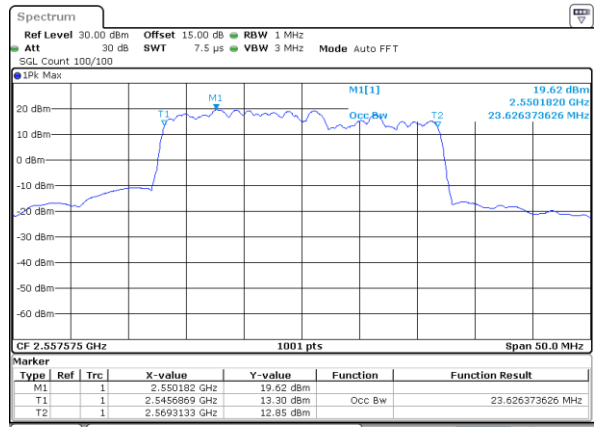
Date: 25.MAR.2022 11:48:13

Highest Channel / 10MHz+20MHz



Date: 24.MAR.2022 16:04:53

Highest Channel / 15MHz+10MHz



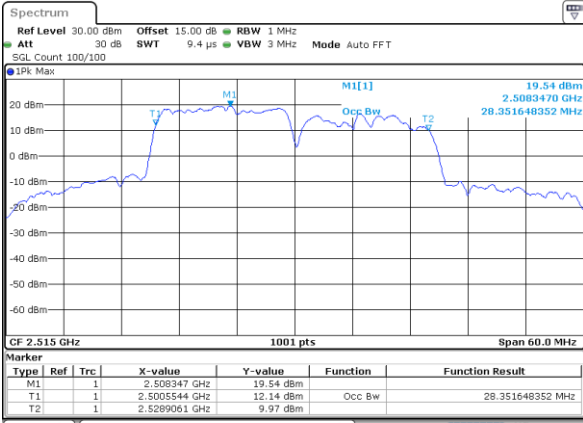
Date: 25.MAR.2022 12:02:15



LTE Band 7C

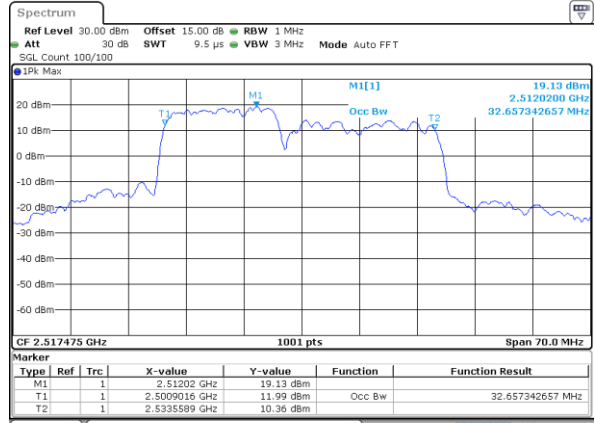
QPSK

Lowest Channel / 15MHz+15MHz



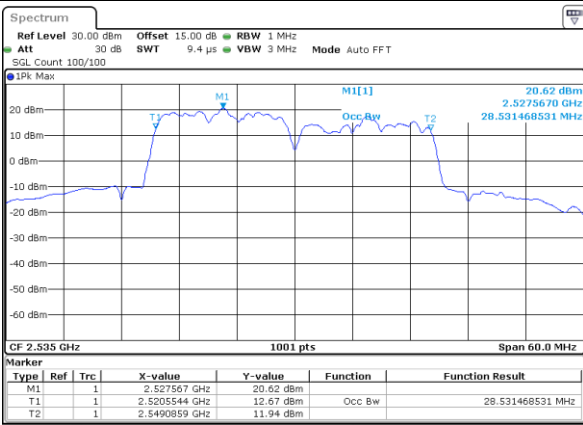
Date: 24.MAR.2022 17:32:00

Lowest Channel / 15MHz+20MHz



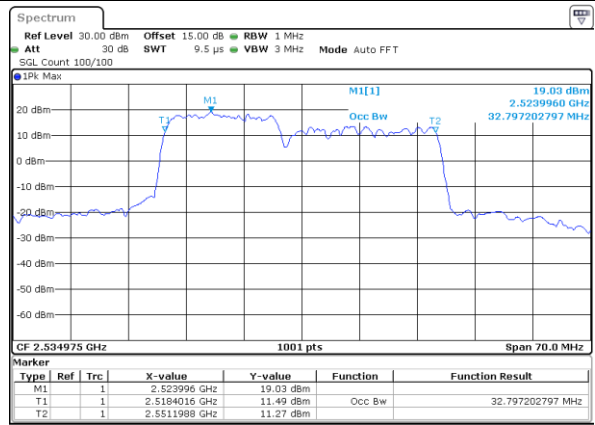
Date: 24.MAR.2022 18:35:50

Middle Channel / 15MHz+15MHz



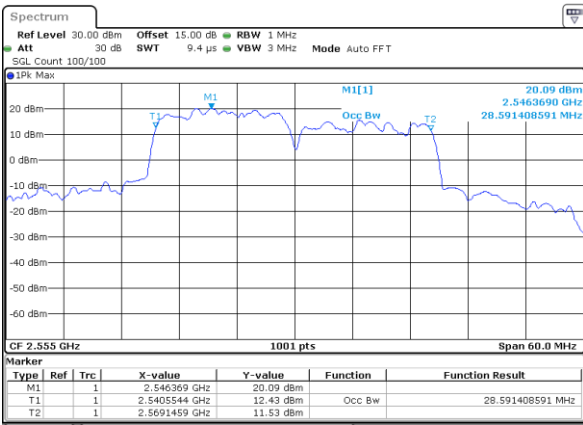
Date: 24.MAR.2022 17:56:11

Middle Channel / 15MHz+20MHz



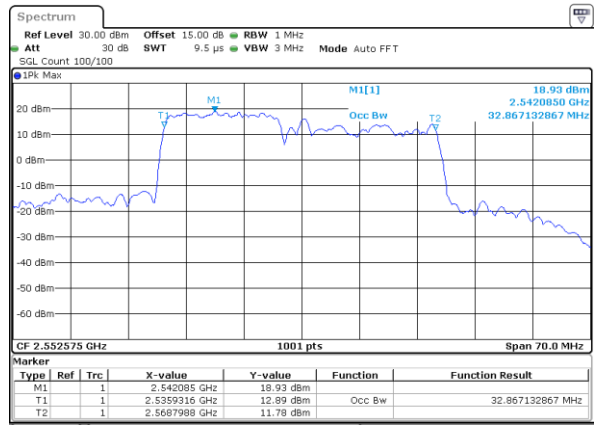
Date: 24.MAR.2022 19:00:01

Highest Channel / 15MHz+15MHz



Date: 24.MAR.2022 18:12:51

Highest Channel / 15MHz+20MHz



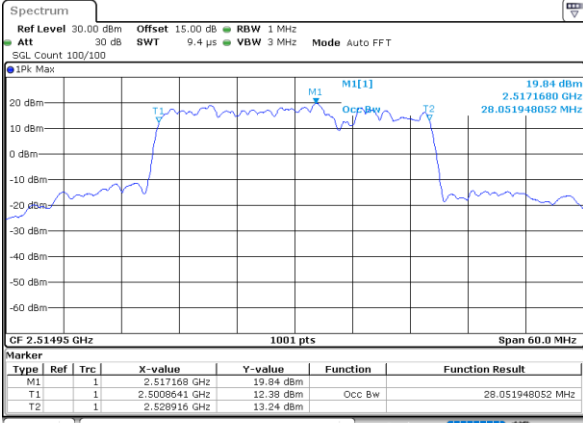
Date: 24.MAR.2022 19:16:41



LTE Band 7C

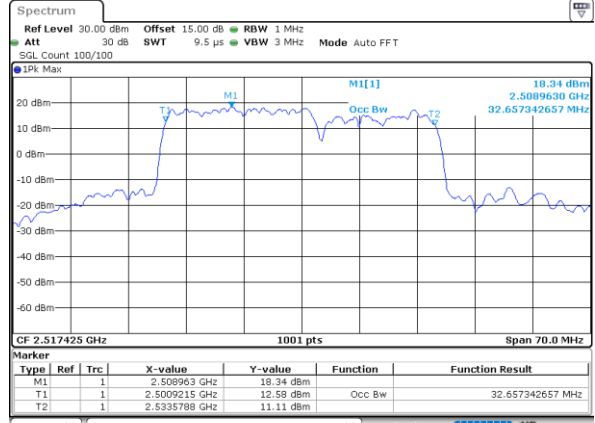
QPSK

Lowest Channel / 20MHz+10MHz



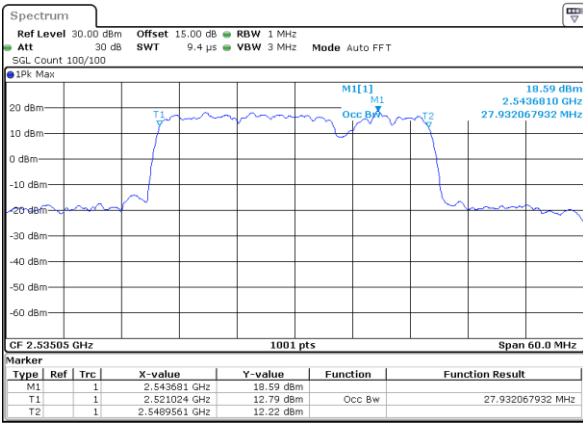
Date: 24.MAR.2022 16:27:51

Lowest Channel / 20MHz+15MHz



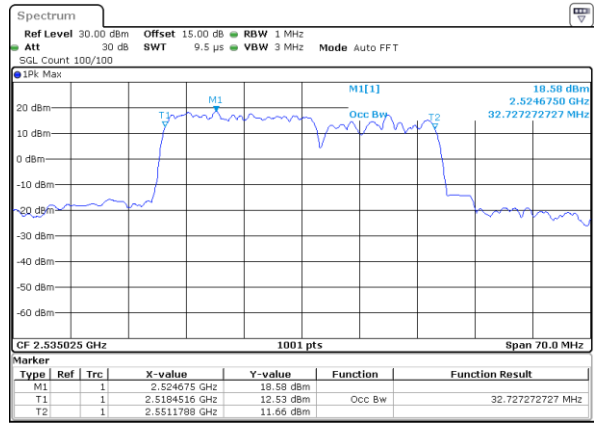
Date: 24.MAR.2022 19:39:40

Middle Channel / 20MHz+10MHz



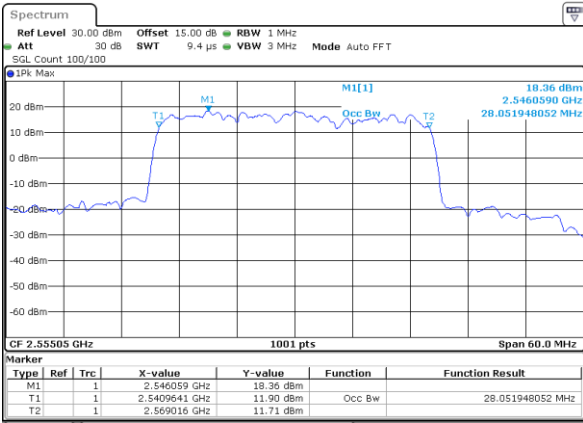
Date: 24.MAR.2022 16:52:15

Middle Channel / 20MHz+15MHz



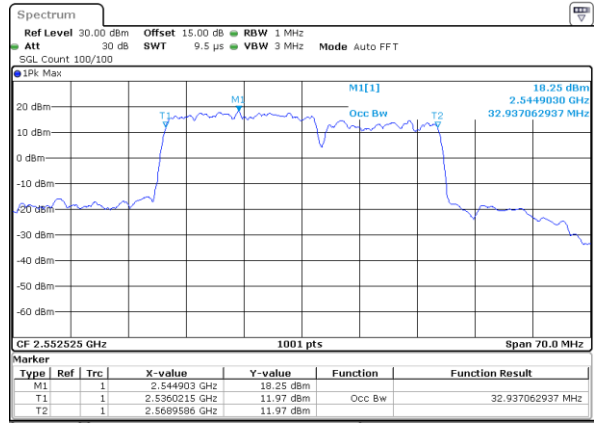
Date: 24.MAR.2022 20:03:56

Highest Channel / 20MHz+10MHz



Date: 24.MAR.2022 17:08:55

Highest Channel / 20MHz+15MHz



Date: 24.MAR.2022 20:20:37

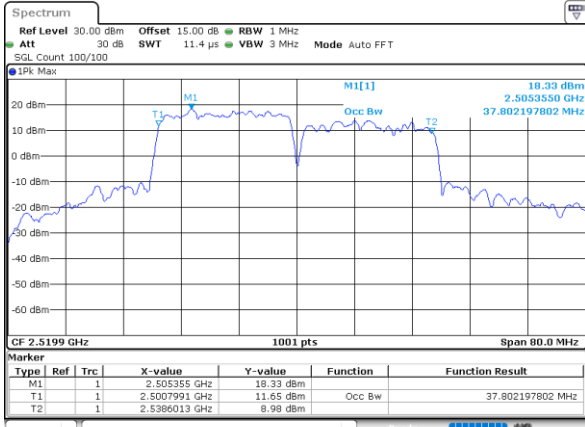


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

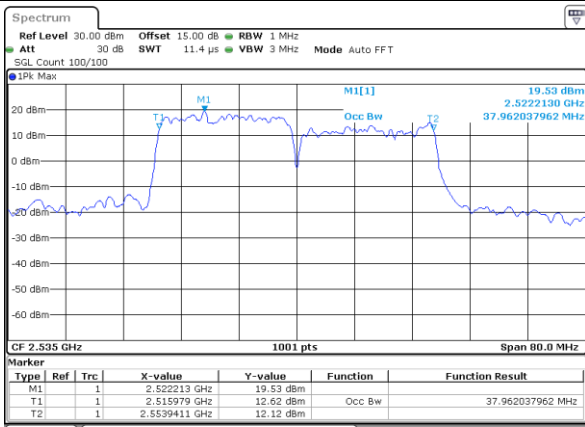
N/A



Date: 25_MAR_2022 10:06:58

Middle Channel / 20MHz+20MHz

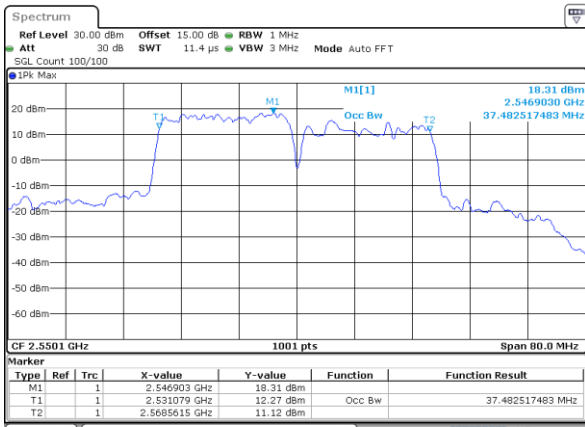
N/A



Date: 25_MAR_2022 10:28:20

Highest Channel / 20MHz+20MHz

N/A



Date: 25_MAR_2022 10:42:20