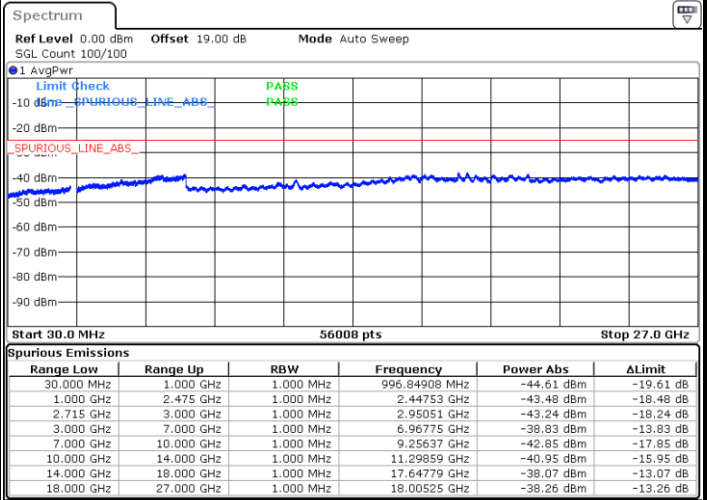
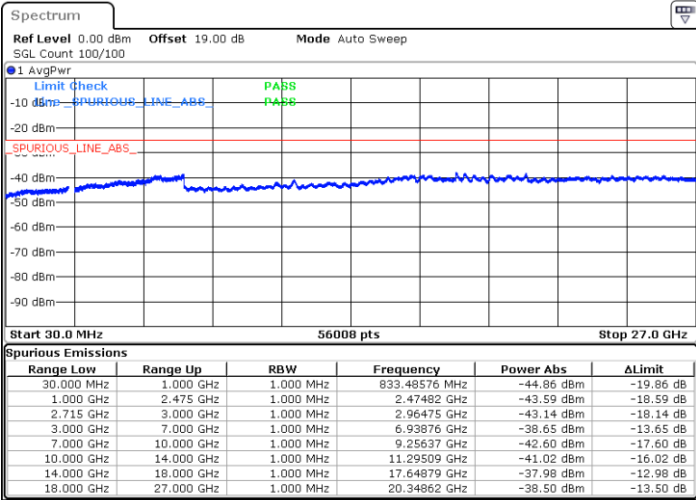




LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

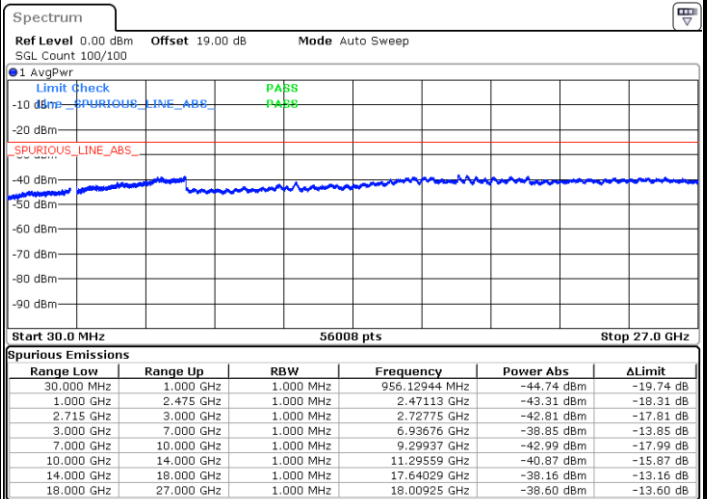
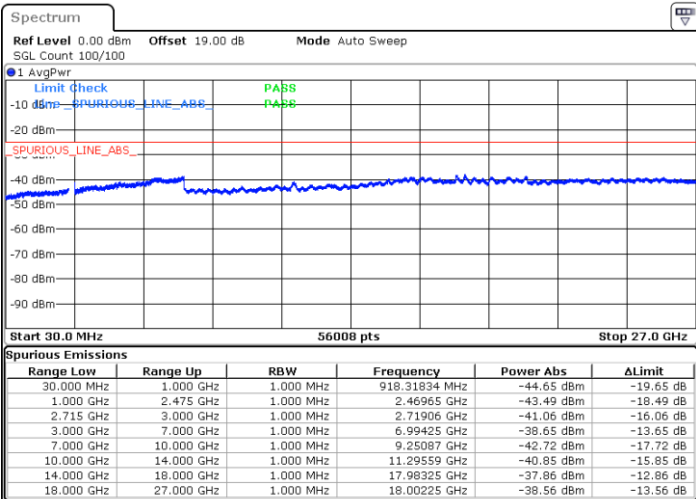


Date: 24.MAY.2021 21:12:45

Date: 24.MAY.2021 21:13:34

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAY.2021 21:26:05

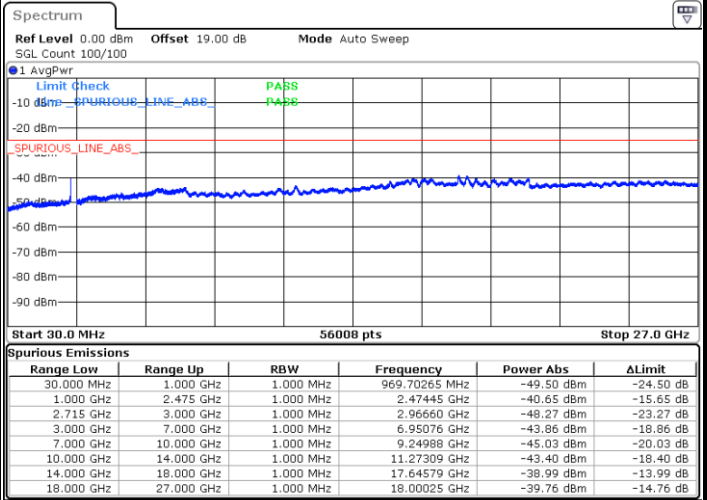
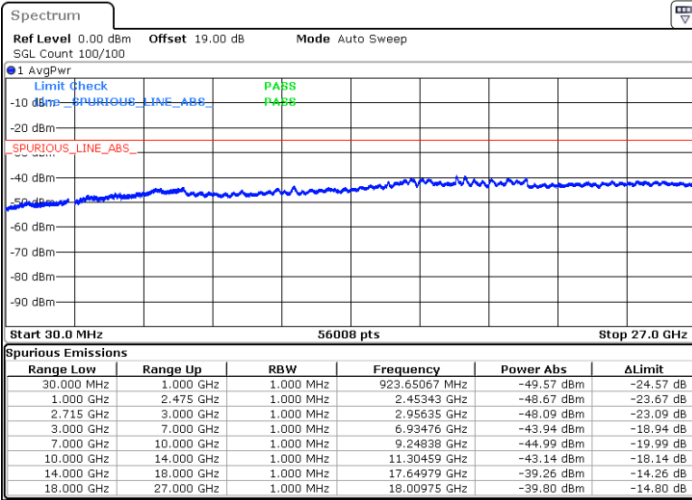
Date: 24.MAY.2021 21:18:07



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

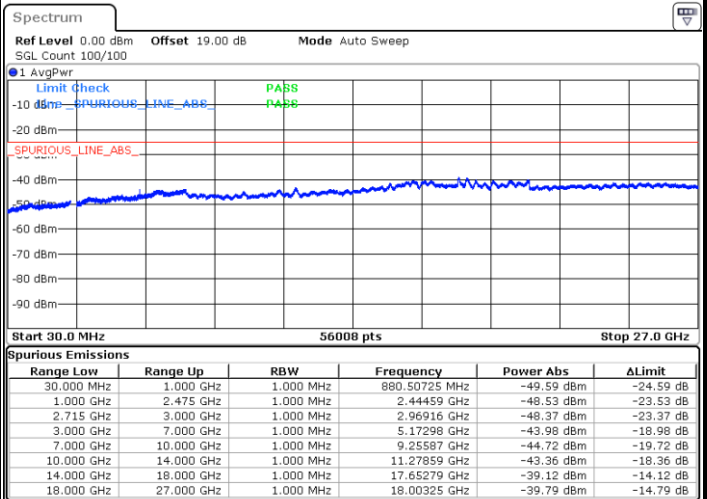
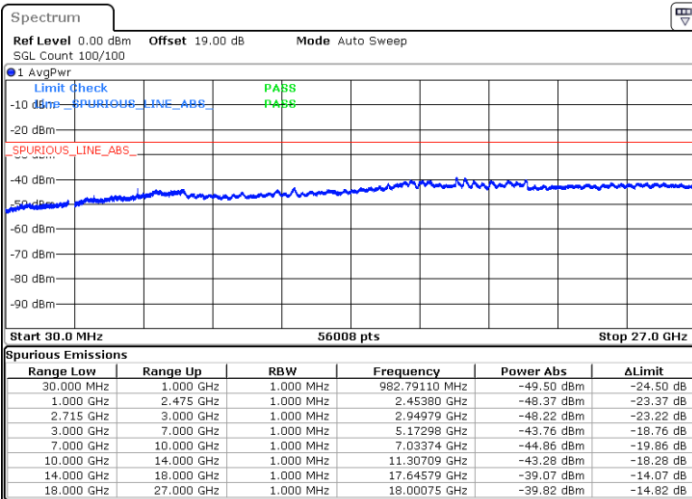


Date: 24.MAY.2021 21:35:52

Date: 24.MAY.2021 21:34:05

Middle Channel / QPSK

Middle Channel / 16QAM



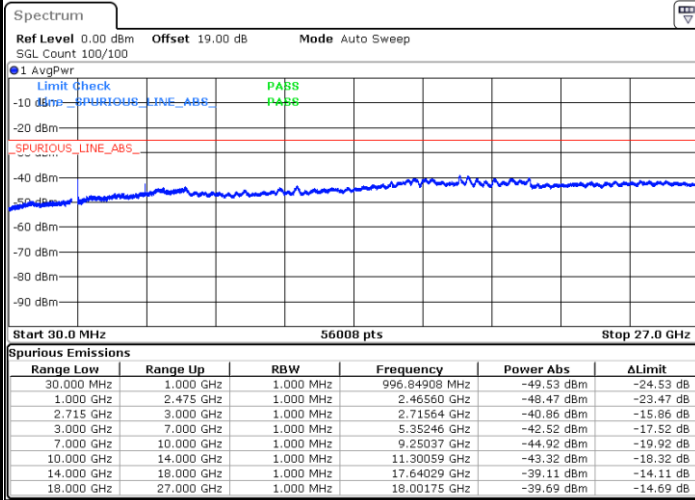
Date: 24.MAY.2021 21:39:15

Date: 24.MAY.2021 21:41:10



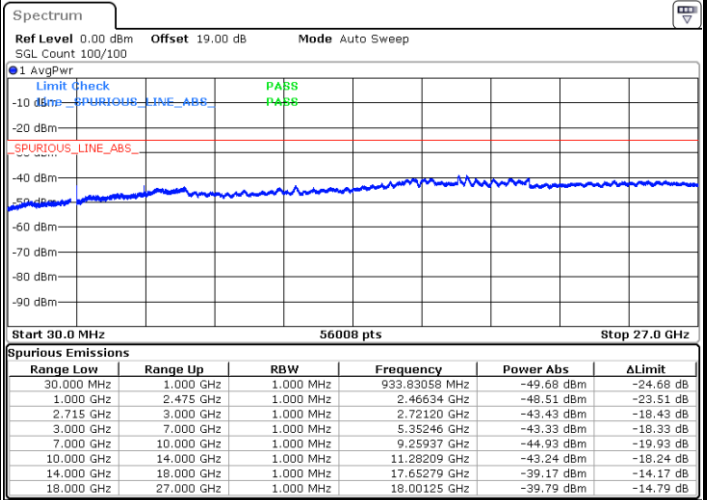
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 24.MAY.2021 21:49:25

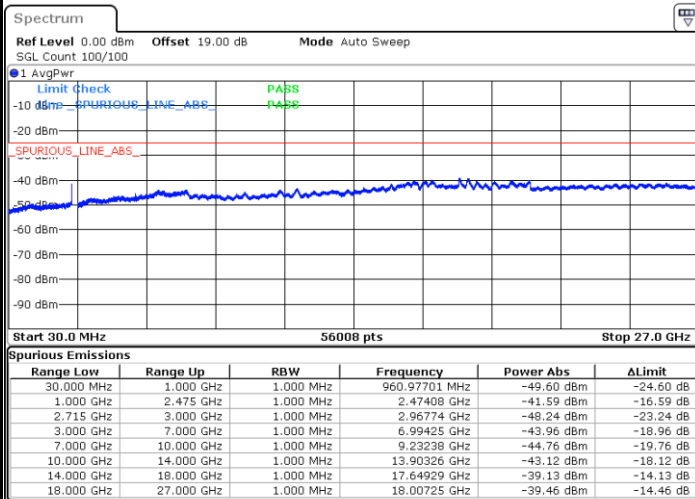
Highest Channel / 16QAM



Date: 24.MAY.2021 21:45:56

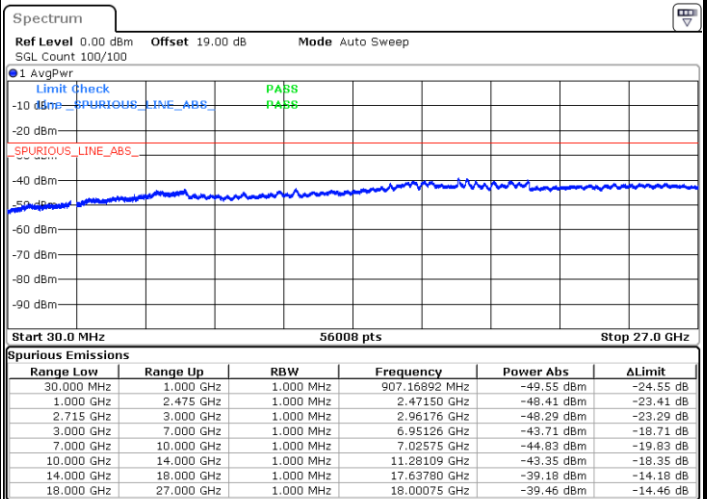
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 24.MAY.2021 22:04:27

Lowest Channel / 16QAM



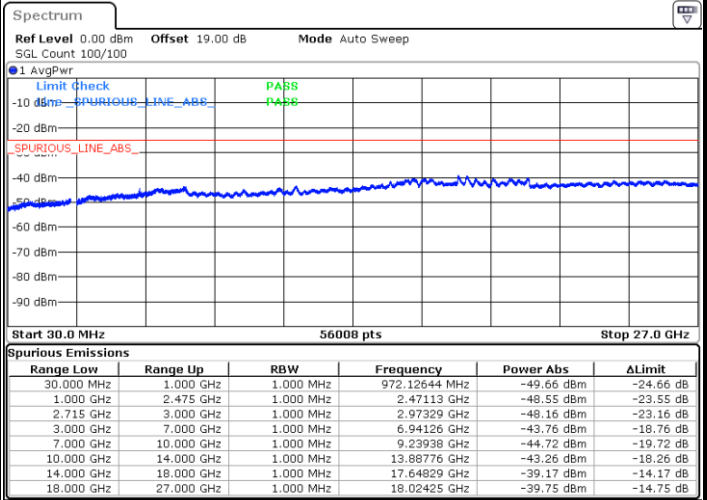
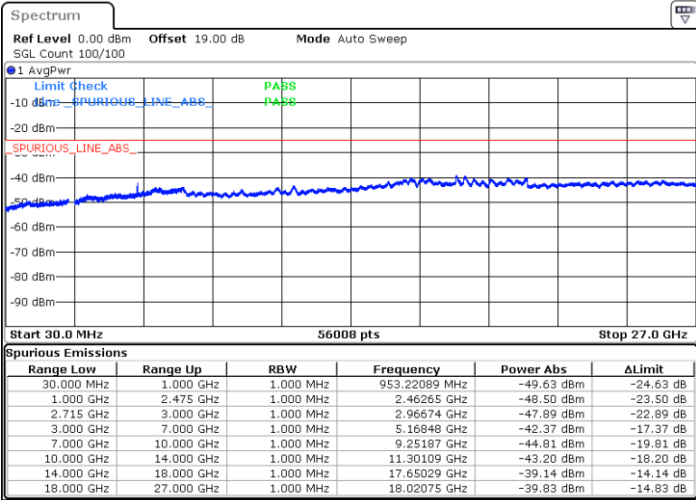
Date: 24.MAY.2021 22:01:49



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

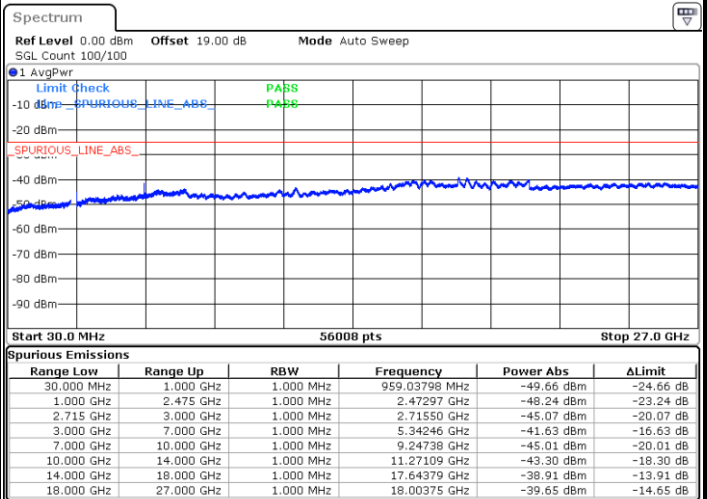
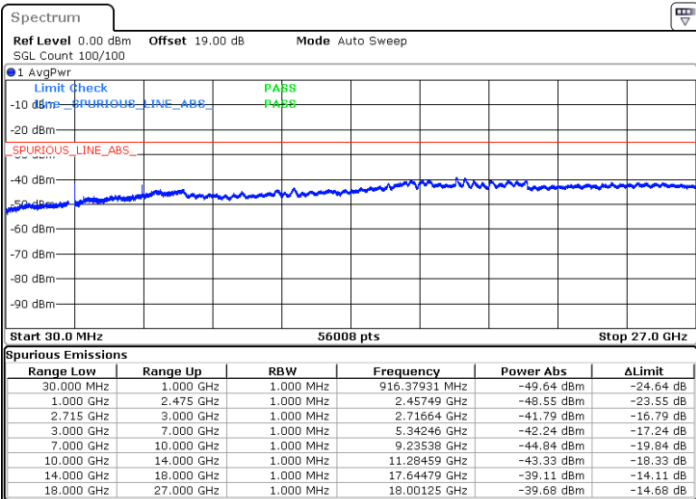


Date: 24.MAY.2021 22:05:34

Date: 24.MAY.2021 22:06:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAY.2021 22:14:15

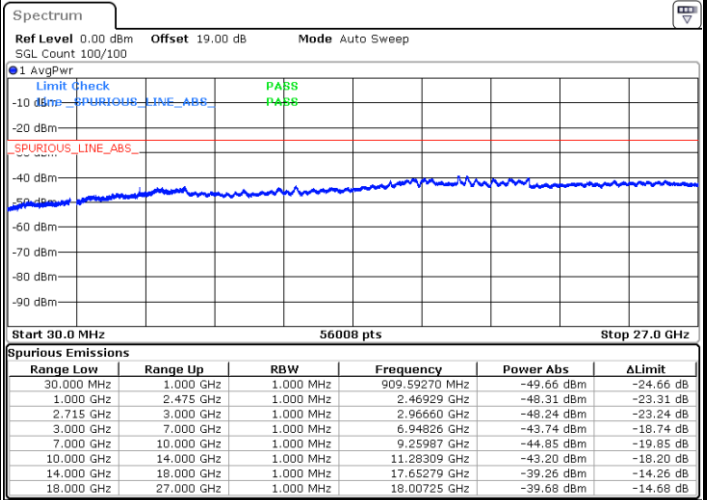
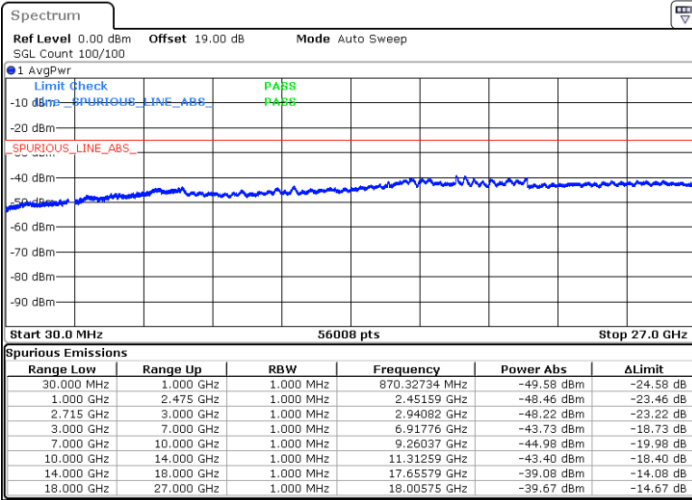
Date: 24.MAY.2021 22:11:05



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

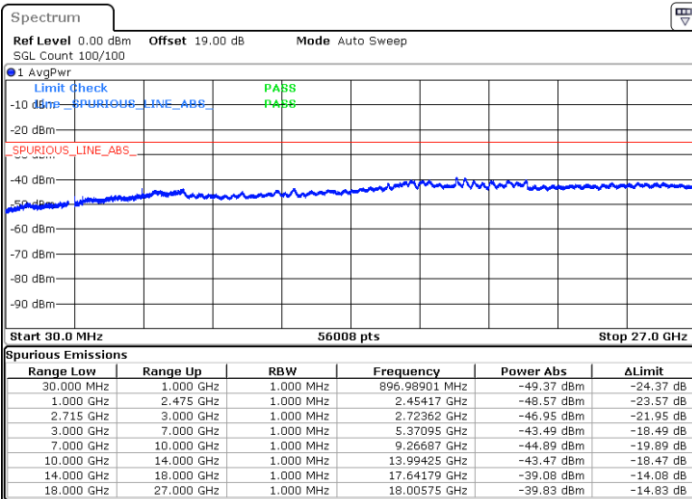
Middle Channel / 64QAM



Date: 24.MAY.2021 20:49:32

Date: 24.MAY.2021 20:56:36

Highest Channel / 64QAM



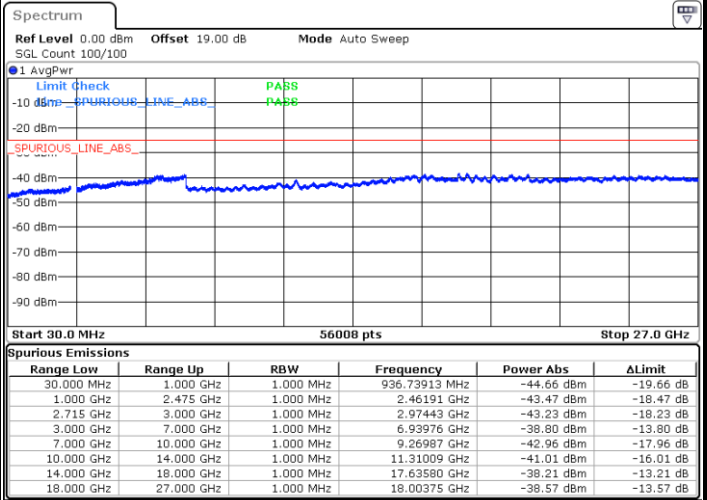
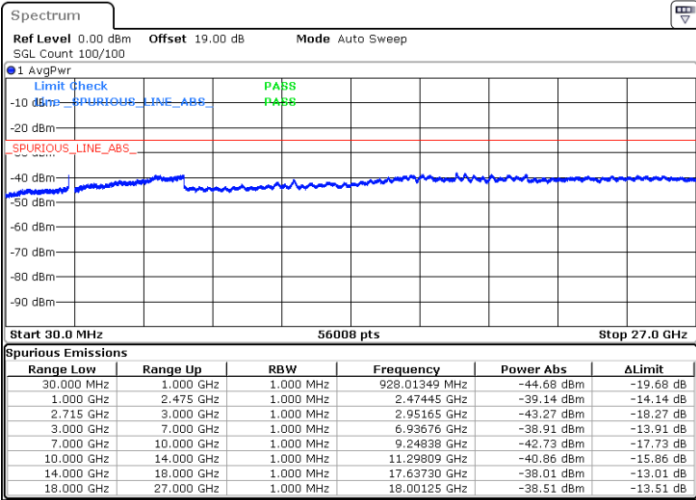
Date: 24.MAY.2021 20:57:27



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

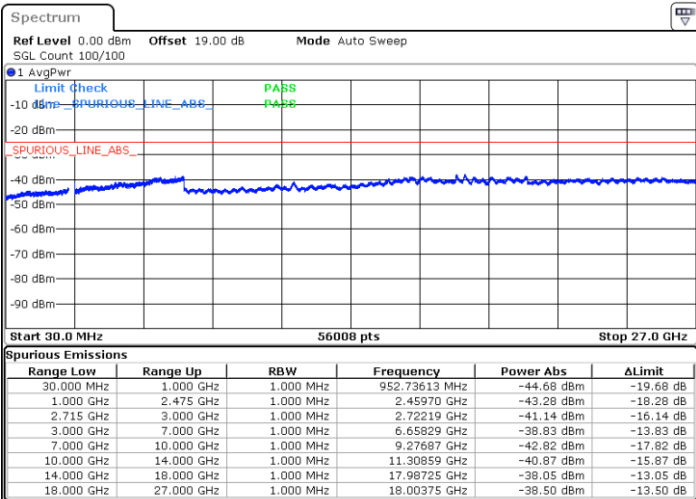
Middle Channel / 64QAM



Date: 24.MAY.2021 21:08:44

Date: 24.MAY.2021 21:14:58

Highest Channel / 64QAM



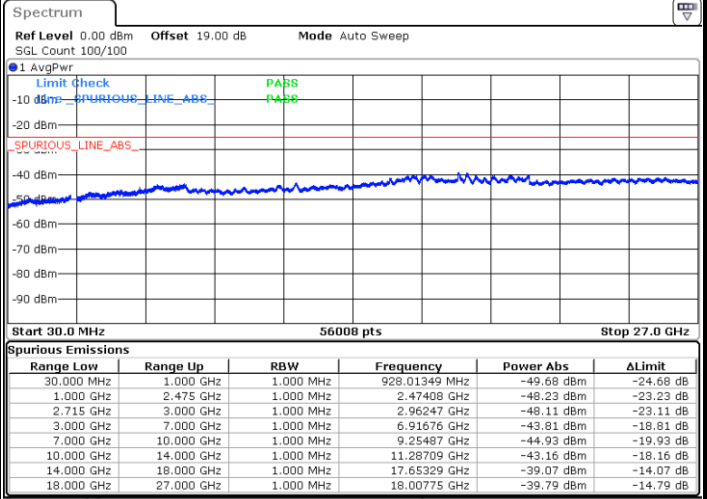
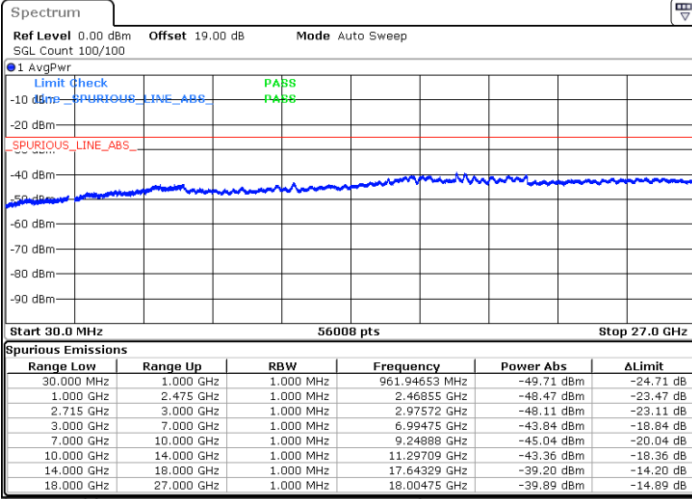
Date: 24.MAY.2021 21:15:56



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

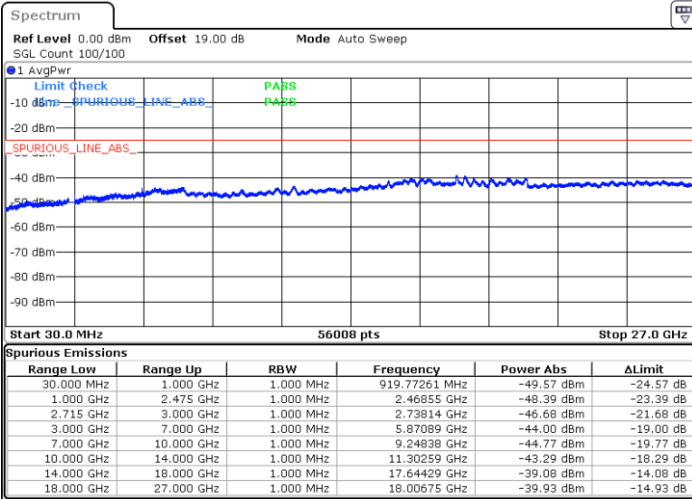
Middle Channel / 64QAM



Date: 24.MAY.2021 21:32:12

Date: 24.MAY.2021 21:42:01

Highest Channel / 64QAM



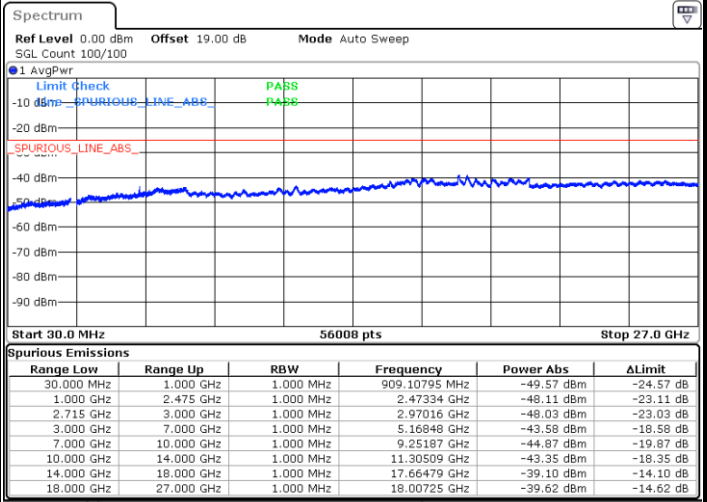
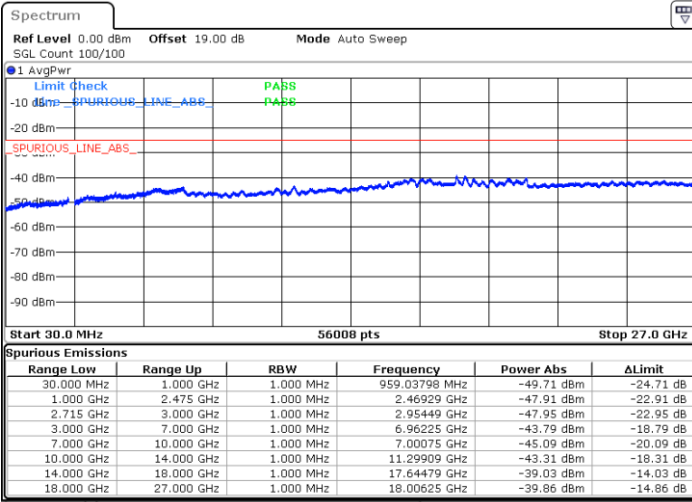
Date: 24.MAY.2021 21:44:59



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

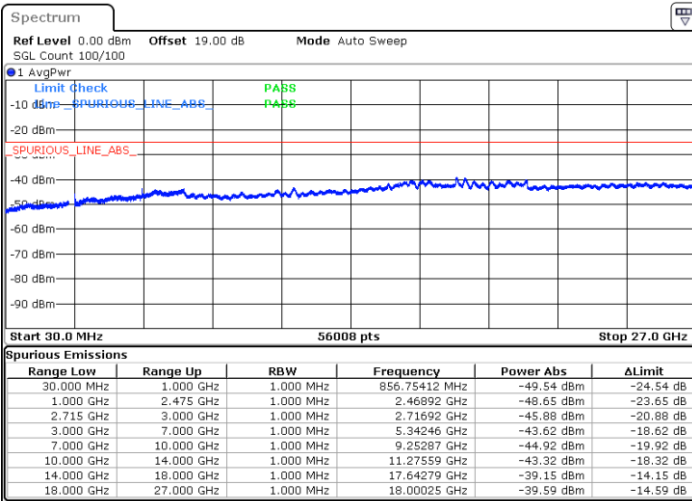
Middle Channel / 64QAM



Date: 24.MAY.2021 21:59:59

Date: 24.MAY.2021 22:07:46

Highest Channel / 64QAM



Date: 24.MAY.2021 22:09:01



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

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C_CA

26dB Bandwidth

Mode	LTE Band 7C_CA : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	30.03	-	25.33	30.69
Middle CH	29.91	-	25.28	30.69
Highest CH	29.91	-	25.28	30.51
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	30.03	35.11	39.96
Middle CH	34.83	29.97	35.11	39.72
Highest CH	34.83	30.03	34.97	39.80

Mode	LTE Band 7C_CA : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.38	30.39
Middle CH	29.97	-	25.33	30.63
Highest CH	29.85	-	25.18	30.57
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	30.09	34.90	39.80
Middle CH	34.97	29.91	34.97	39.88
Highest CH	34.69	30.09	34.97	39.88

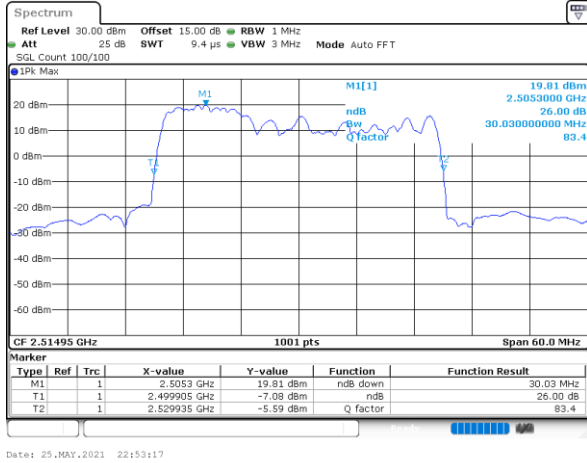
Mode	LTE Band 7C_CA : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.23	30.57
Middle CH	29.97	-	25.13	30.51
Highest CH	29.79	-	25.23	30.51
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	29.97	34.90	39.72
Middle CH	34.90	30.09	34.90	39.72
Highest CH	34.76	30.03	34.83	39.72



LTE Band 7C_CA

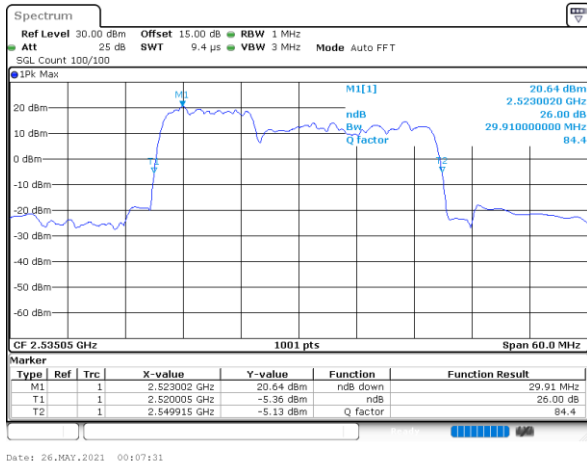
QPSK

Lowest Channel / 10MHz+20MHz



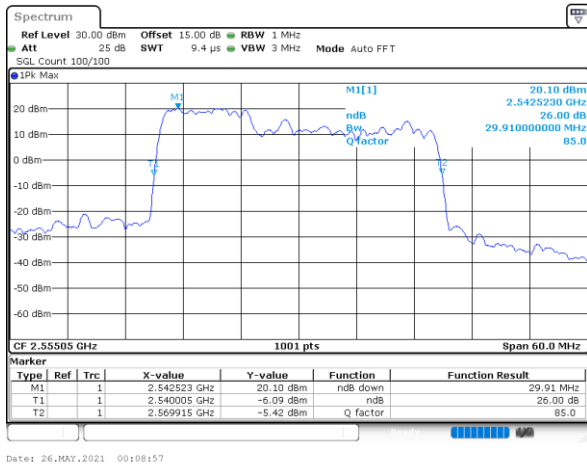
Date: 25.MAY.2021 22:53:17

Middle Channel / 10MHz+20MHz



Date: 26.MAY.2021 00:07:31

Highest Channel / 10MHz+20MHz



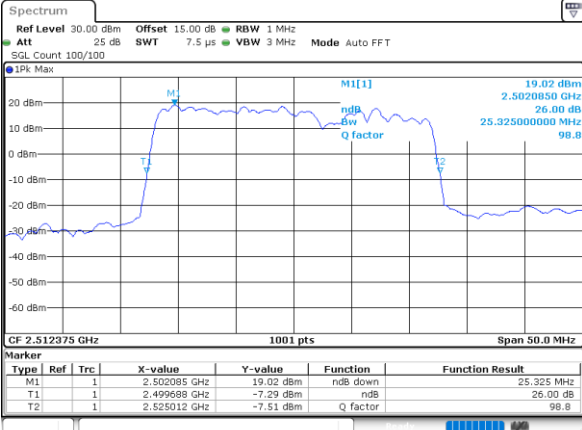
Date: 26.MAY.2021 00:08:57



LTE Band 7C_CA

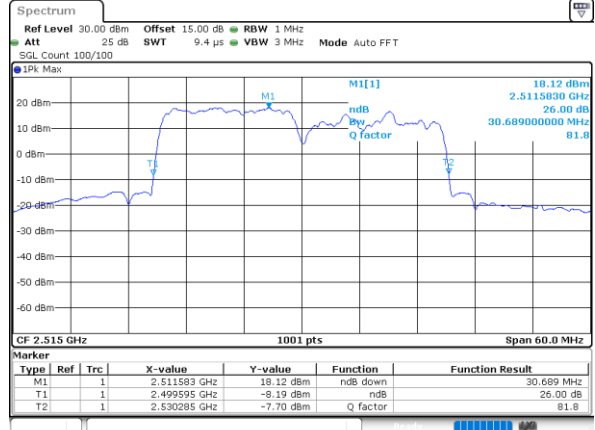
QPSK

Lowest Channel / 15MHz+10MHz



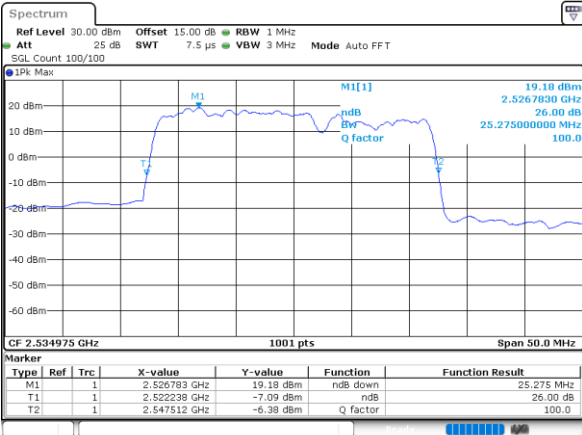
Date: 27_MAY.2021 18:34:29

Lowest Channel / 15MHz+15MHz



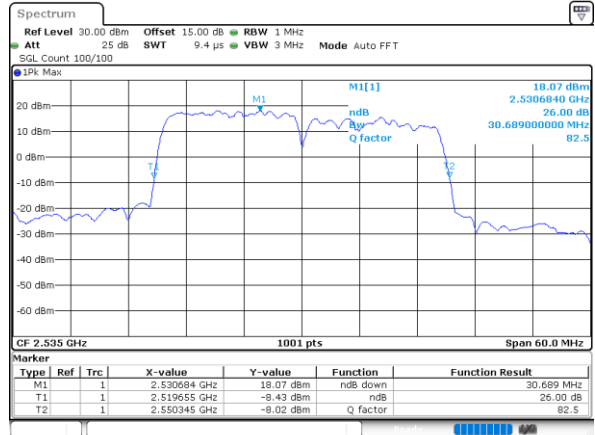
Date: 26_MAY.2021 21:24:08

Middle Channel / 15MHz+10MHz



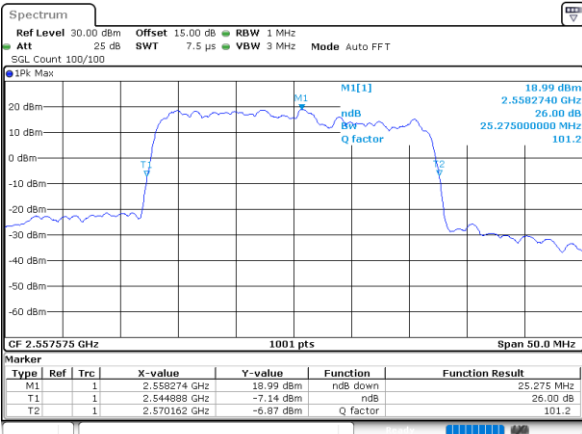
Date: 27_MAY.2021 19:16:54

Middle Channel / 15MHz+15MHz



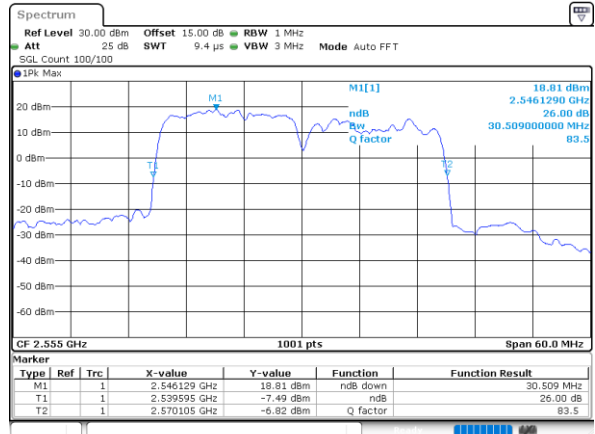
Date: 26_MAY.2021 22:15:23

Highest Channel / 15MHz+10MHz



Date: 27_MAY.2021 19:19:08

Highest Channel / 15MHz+15MHz



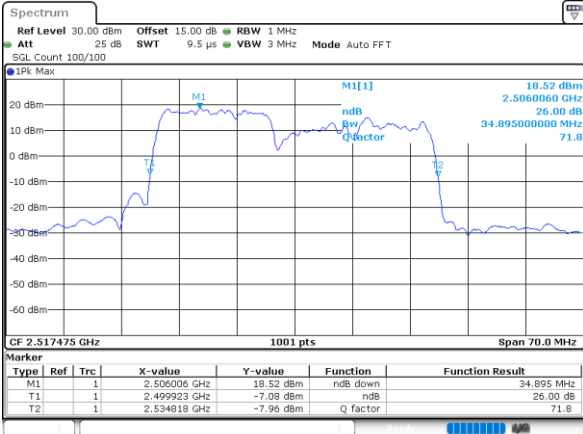
Date: 26_MAY.2021 22:49:12



LTE Band 7C_CA

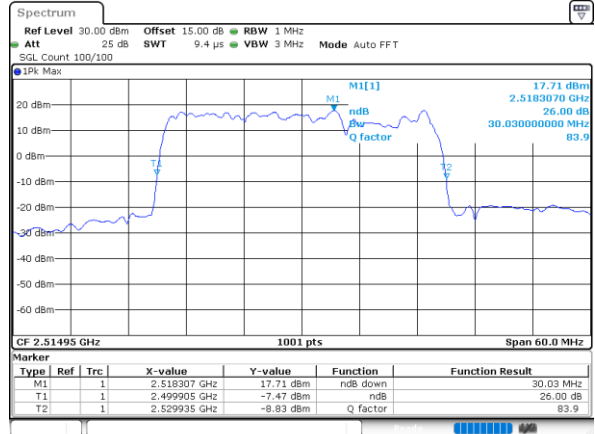
QPSK

Lowest Channel / 15MHz+20MHz



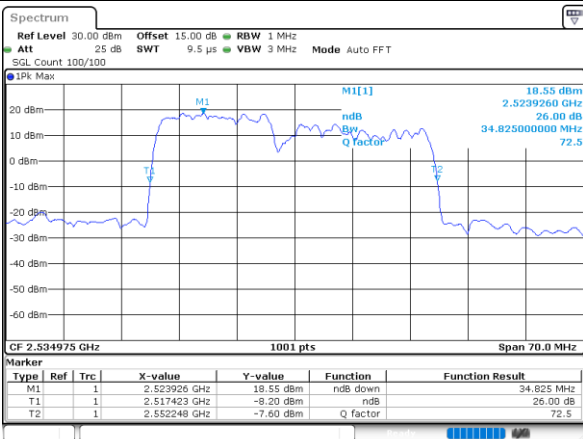
Date: 27_MAY.2021 20:29:32

Lowest Channel / 20MHz+10MHz



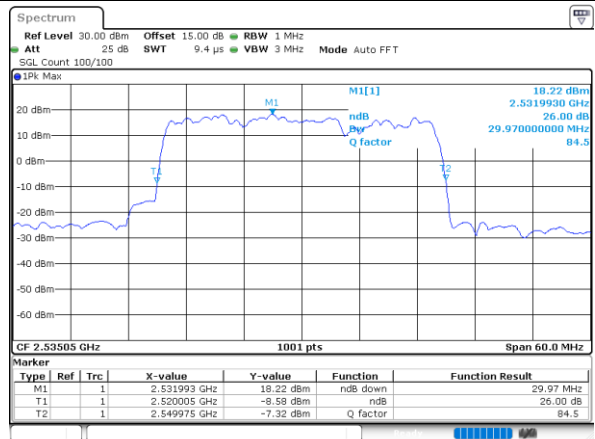
Date: 26_MAY.2021 00:25:26

Middle Channel / 15MHz+20MHz



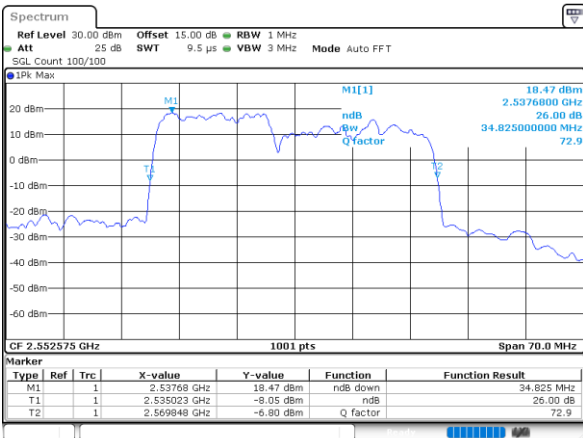
Date: 27_MAY.2021 21:47:22

Middle Channel / 20MHz+10MHz



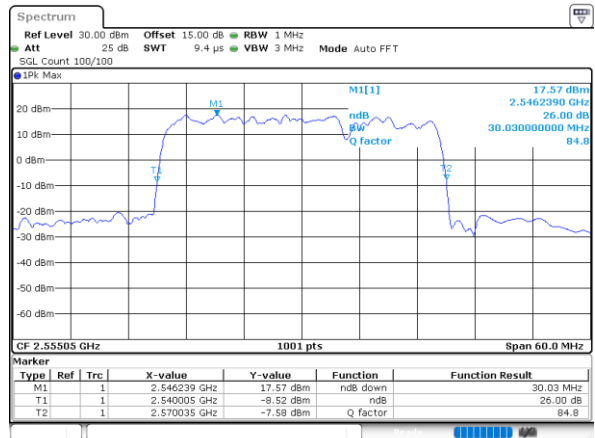
Date: 26_MAY.2021 00:40:34

Highest Channel / 15MHz+20MHz



Date: 27_MAY.2021 21:54:00

Highest Channel / 20MHz+10MHz



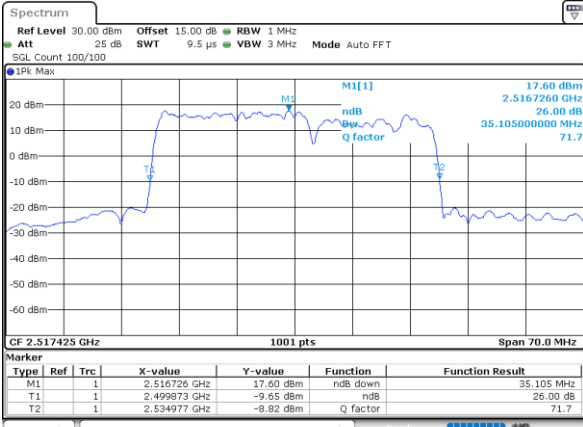
Date: 26_MAY.2021 00:49:04



LTE Band 7C_CA

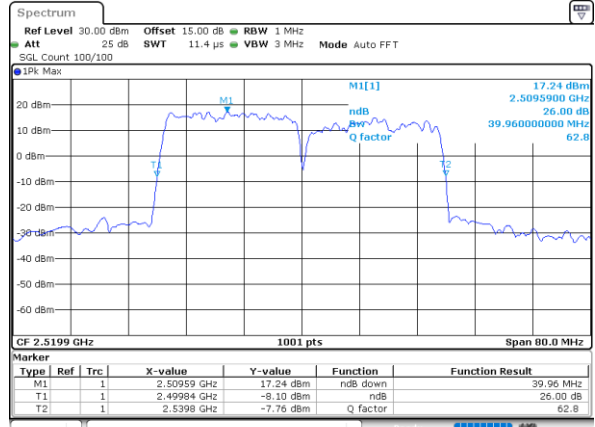
QPSK

Lowest Channel / 20MHz+15MHz



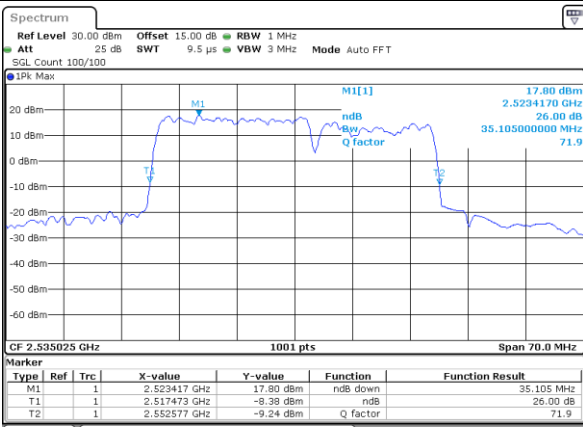
Date: 27_MAY.2021 00:19:33

Lowest Channel / 20MHz+20MHz



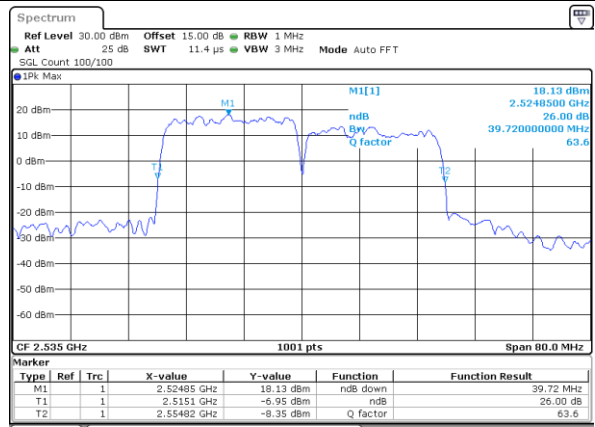
Date: 25_MAY.2021 22:08:08

Middle Channel / 20MHz+15MHz



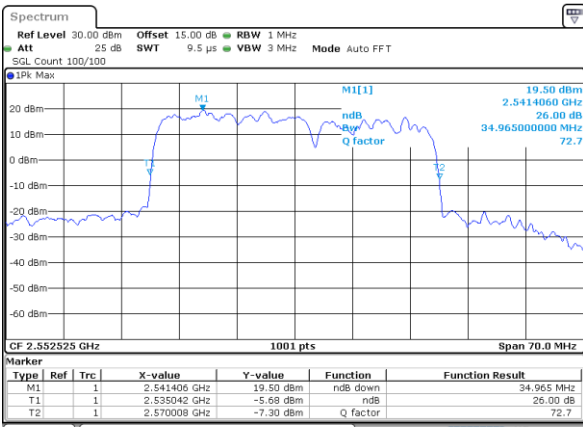
Date: 27_MAY.2021 00:40:56

Middle Channel / 20MHz+20MHz



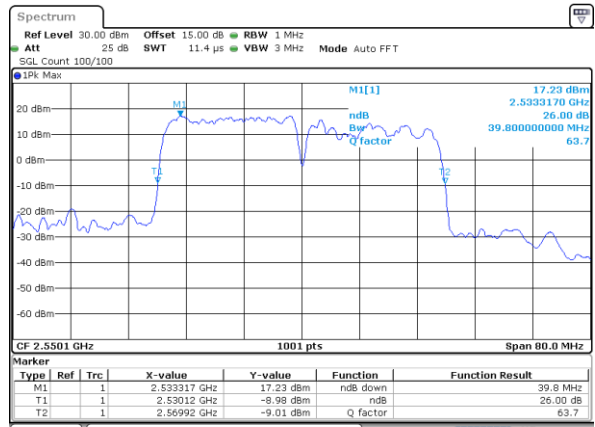
Date: 26_MAY.2021 23:04:49

Highest Channel / 20MHz+15MHz



Date: 27_MAY.2021 00:41:43

Highest Channel / 20MHz+20MHz



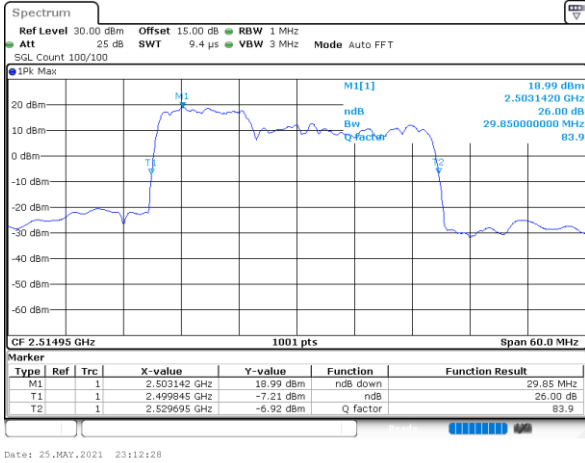
Date: 27_MAY.2021 00:17:01



LTE Band 7C_CA

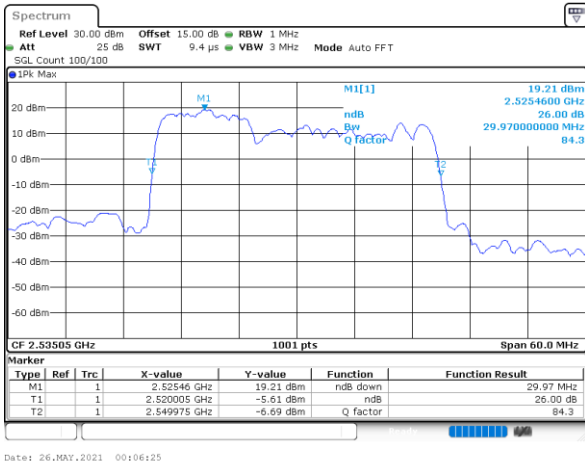
16QAM

Lowest Channel / 10MHz+20MHz



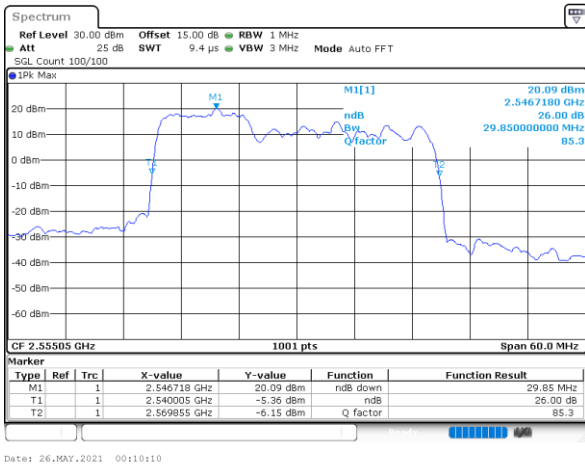
Date: 25.MAY.2021 23:12:28

Middle Channel / 10MHz+20MHz



Date: 26.MAY.2021 00:06:25

Highest Channel / 10MHz+20MHz



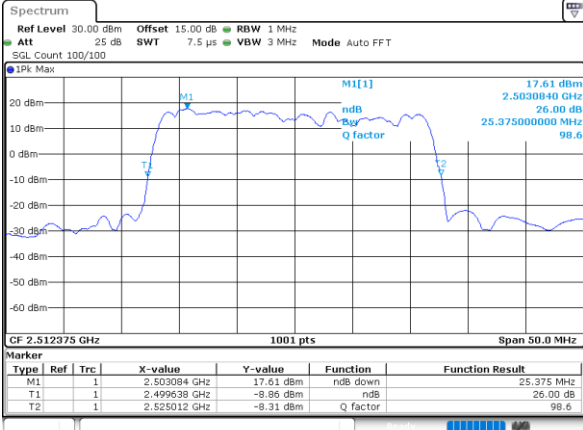
Date: 26.MAY.2021 00:10:10



LTE Band 7C_CA

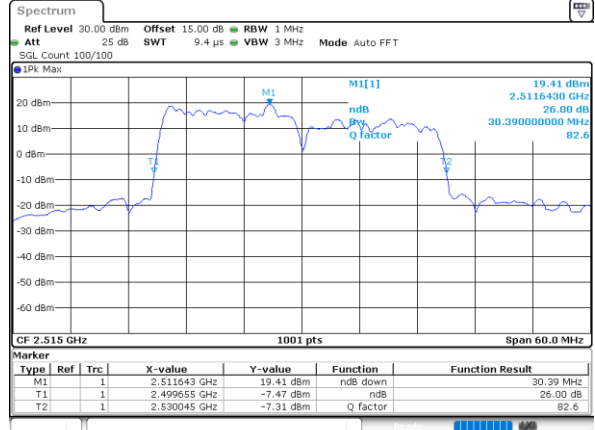
16QAM

Lowest Channel / 15MHz+10MHz



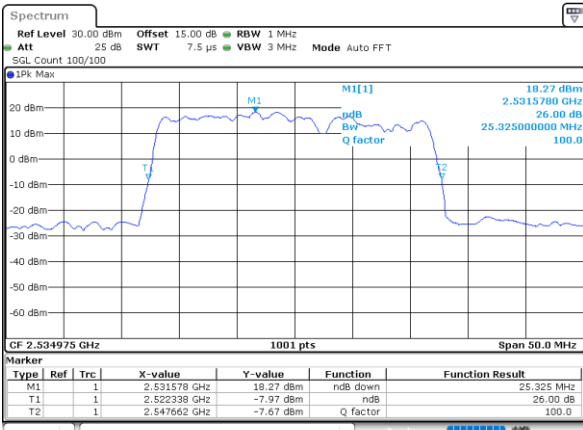
Date: 27_MAY.2021 18:36:37

Lowest Channel / 15MHz+15MHz



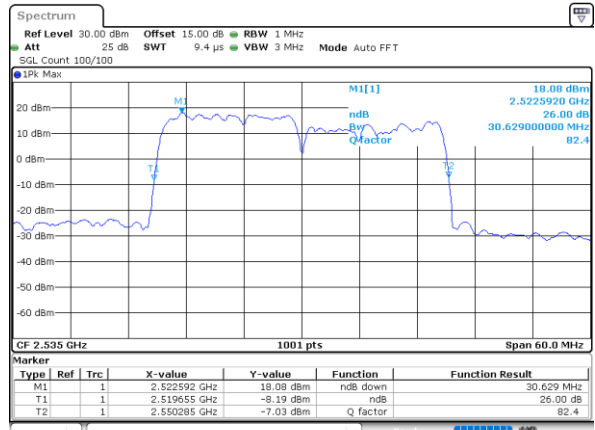
Date: 26_MAY.2021 21:26:02

Middle Channel / 15MHz+10MHz



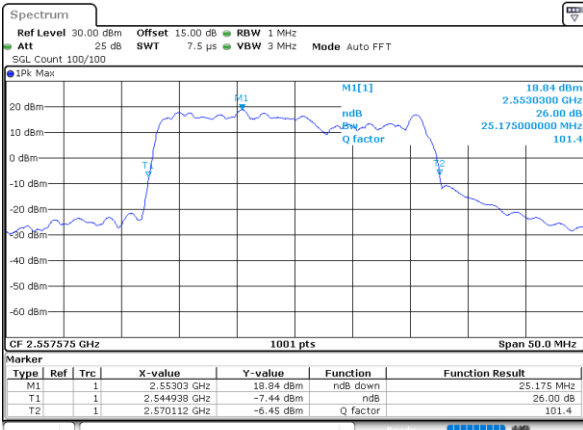
Date: 27_MAY.2021 19:15:46

Middle Channel / 15MHz+15MHz



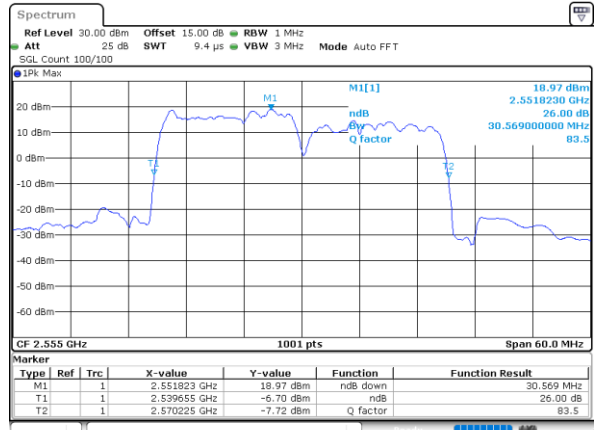
Date: 26_MAY.2021 22:14:16

Highest Channel / 15MHz+10MHz



Date: 27_MAY.2021 19:21:19

Highest Channel / 15MHz+15MHz



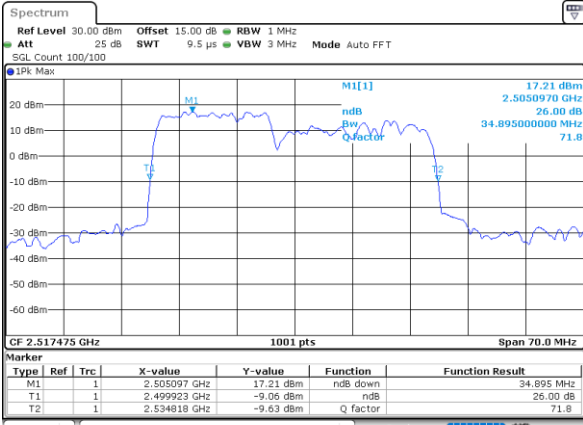
Date: 26_MAY.2021 22:51:04



LTE Band 7C_CA

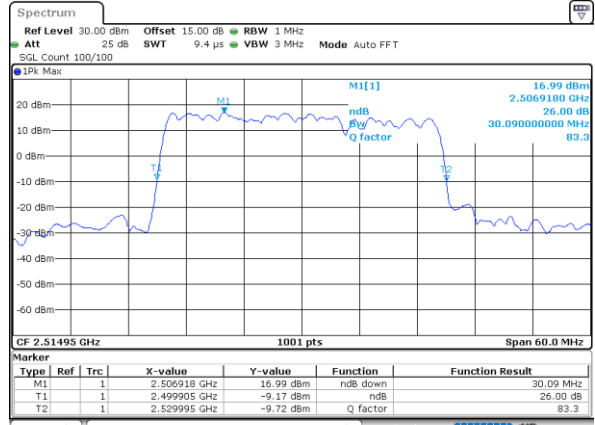
16QAM

Lowest Channel / 15MHz+20MHz



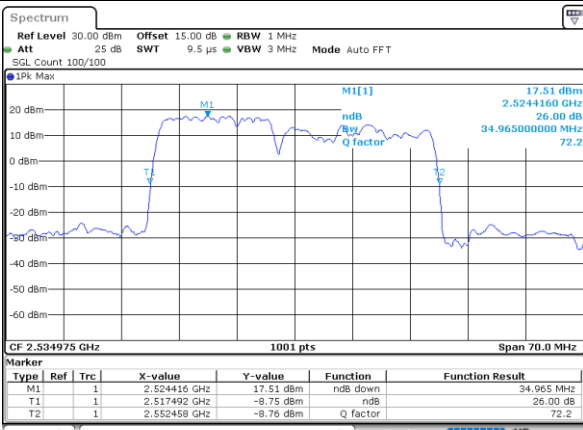
Date: 27_MAY.2021 20:27:49

Lowest Channel / 20MHz+10MHz



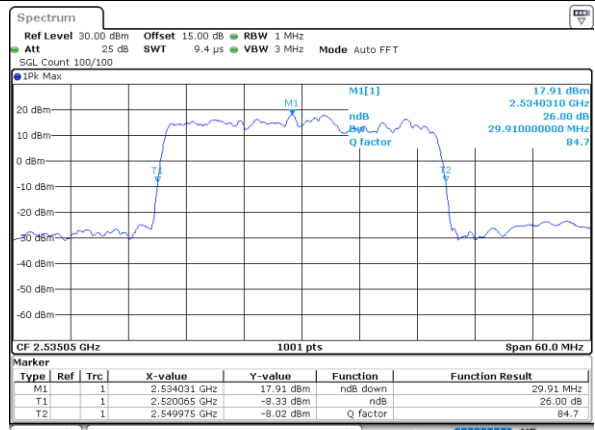
Date: 26_MAY.2021 00:24:15

Middle Channel / 15MHz+20MHz



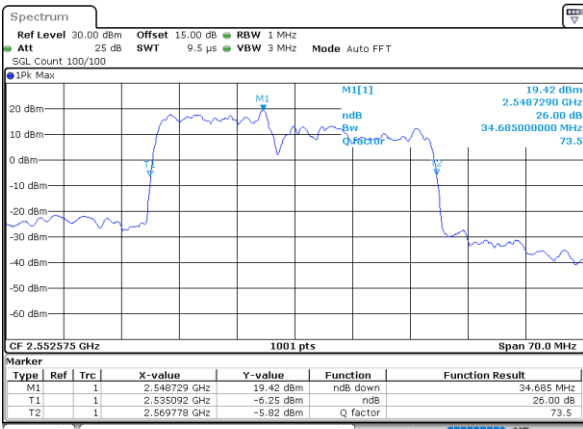
Date: 27_MAY.2021 21:48:21

Middle Channel / 20MHz+10MHz



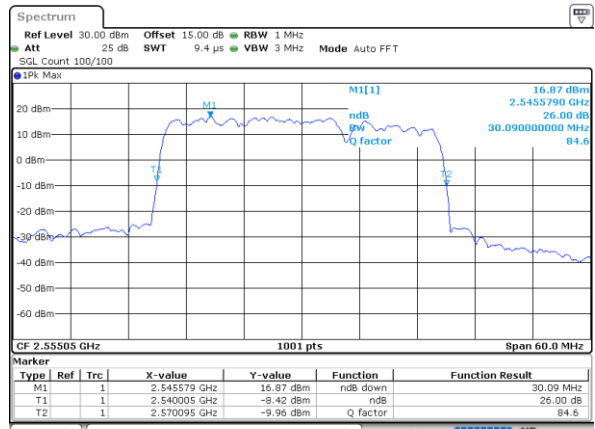
Date: 26_MAY.2021 00:41:48

Highest Channel / 15MHz+20MHz



Date: 27_MAY.2021 21:52:09

Highest Channel / 20MHz+10MHz



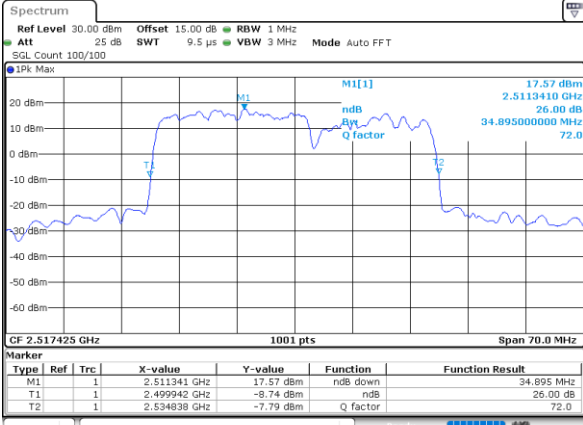
Date: 26_MAY.2021 00:46:41



LTE Band 7C_CA

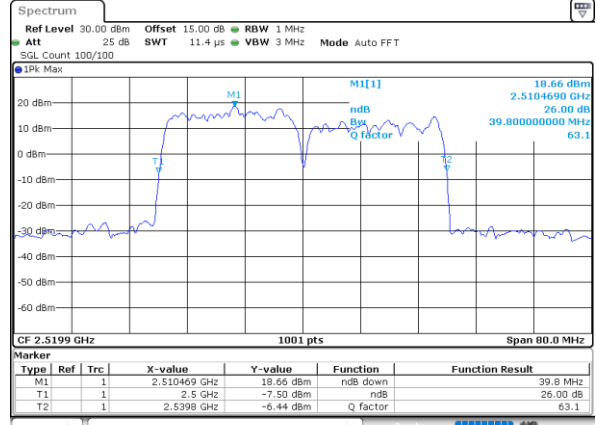
16QAM

Lowest Channel / 20MHz+15MHz



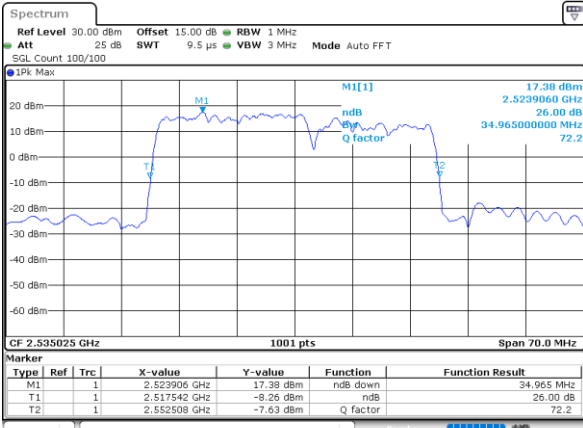
Date: 27_MAY.2021 00:20:56

Lowest Channel / 20MHz+20MHz



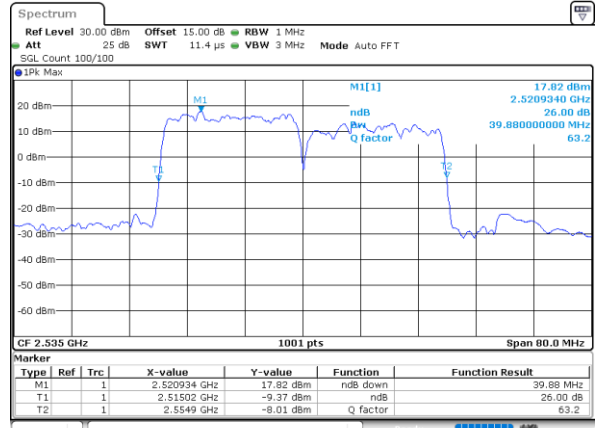
Date: 25_MAY.2021 22:09:23

Middle Channel / 20MHz+15MHz



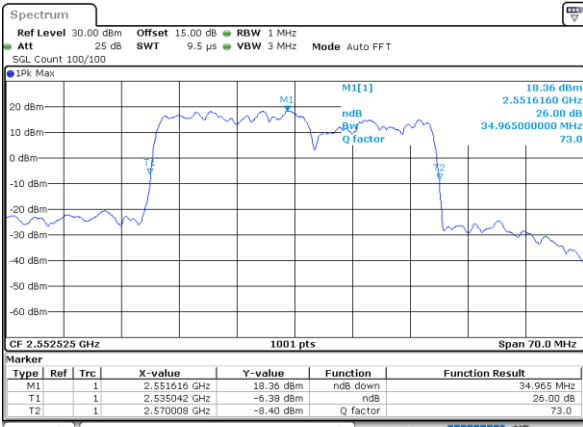
Date: 27_MAY.2021 00:39:11

Middle Channel / 20MHz+20MHz



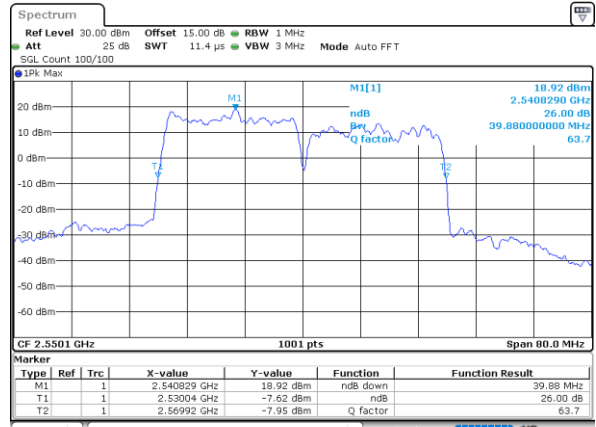
Date: 26_MAY.2021 23:05:45

Highest Channel / 20MHz+15MHz



Date: 27_MAY.2021 00:43:16

Highest Channel / 20MHz+20MHz



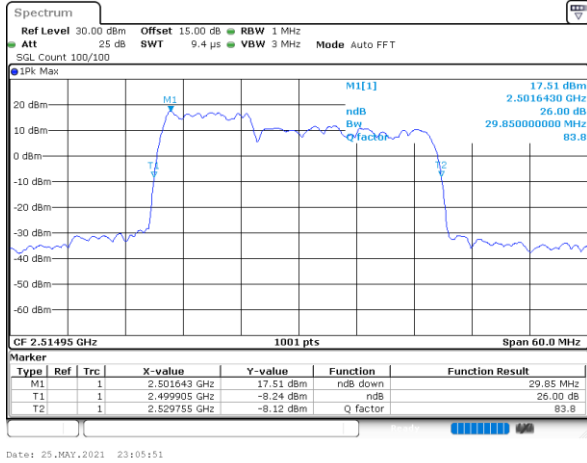
Date: 27_MAY.2021 00:15:42



LTE Band 7C_CA

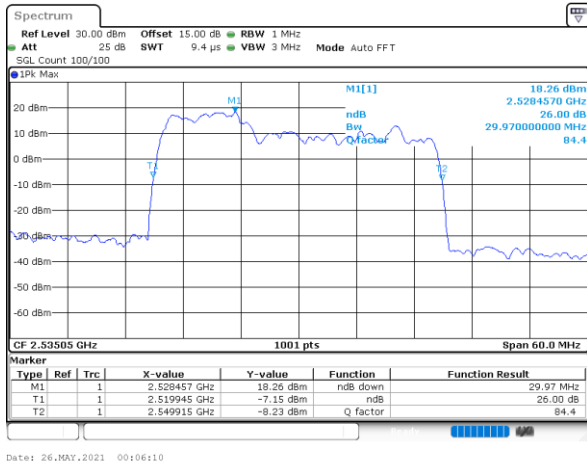
64QAM

Lowest Channel / 10MHz+20MHz



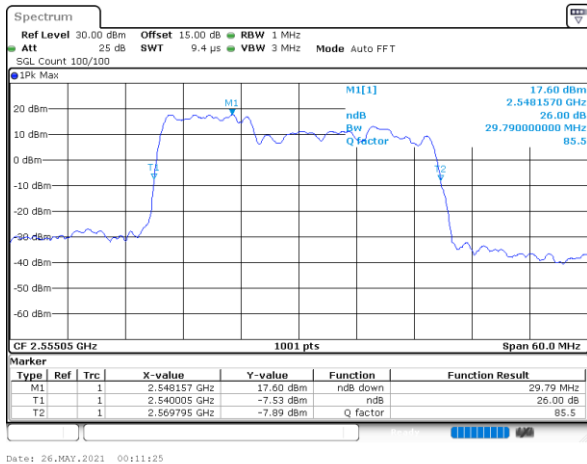
Date: 25.MAY.2021 23:05:51

Middle Channel / 10MHz+20MHz



Date: 26.MAY.2021 00:06:10

Highest Channel / 10MHz+20MHz



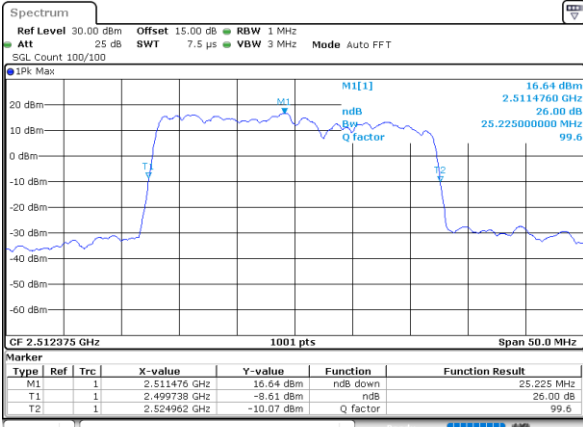
Date: 26.MAY.2021 00:11:25



LTE Band 7C_CA

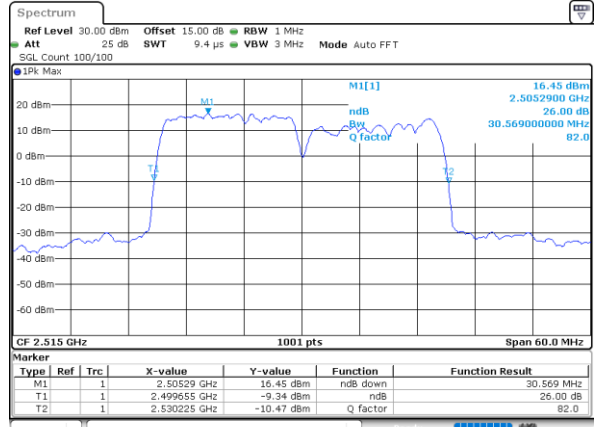
64QAM

Lowest Channel / 15MHz+10MHz



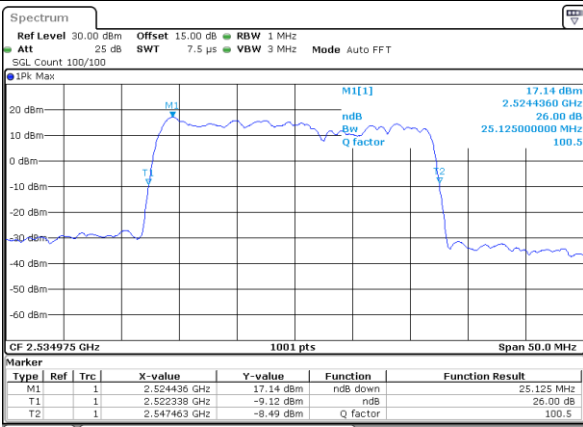
Date: 27_MAY.2021 18:39:56

Lowest Channel / 15MHz+15MHz



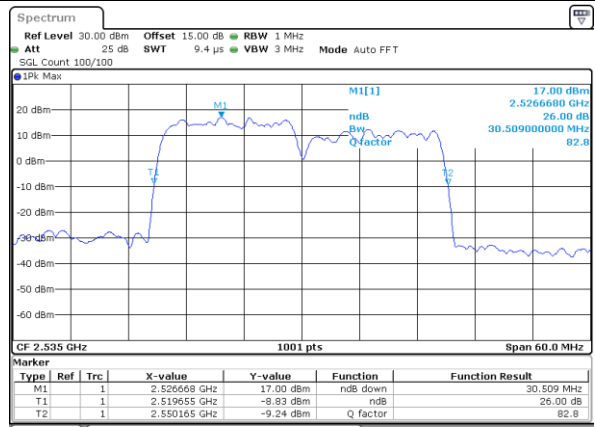
Date: 26_MAY.2021 21:27:58

Middle Channel / 15MHz+10MHz



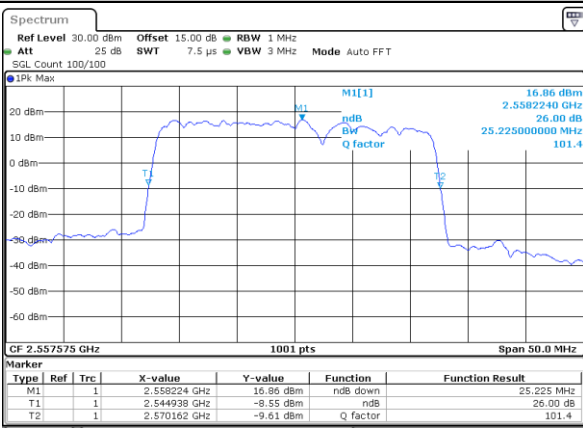
Date: 27_MAY.2021 19:14:18

Middle Channel / 15MHz+15MHz



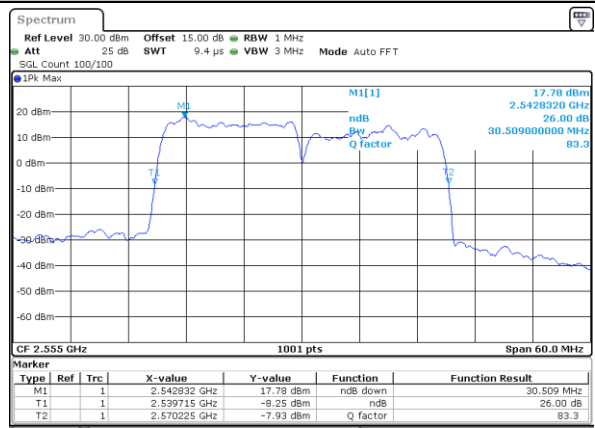
Date: 26_MAY.2021 22:12:31

Highest Channel / 15MHz+10MHz



Date: 27_MAY.2021 19:22:32

Highest Channel / 15MHz+15MHz



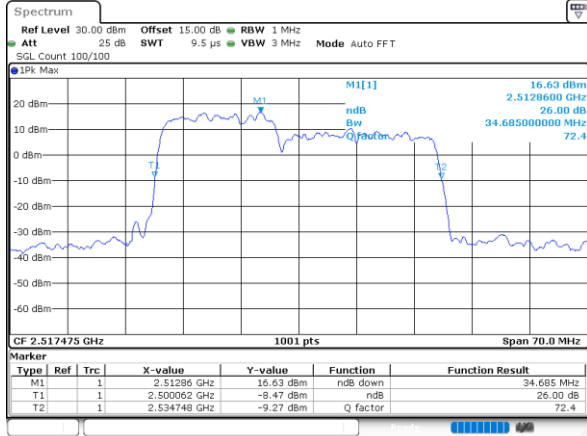
Date: 26_MAY.2021 22:52:39



LTE Band 7C_CA

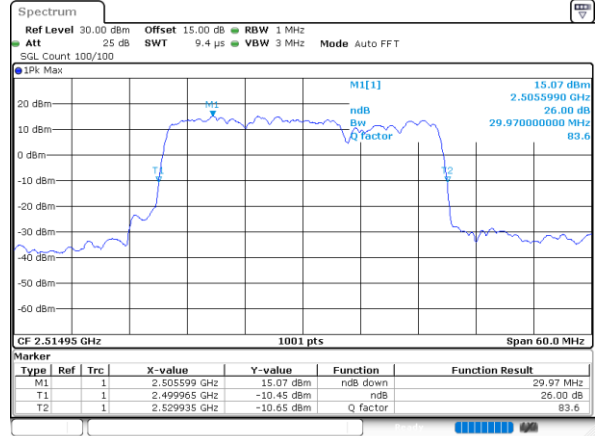
64QAM

Lowest Channel / 15MHz+20MHz



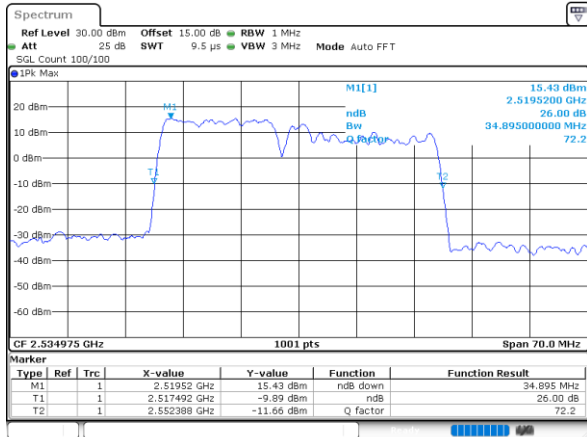
Date: 27_MAY.2021 20:21:38

Lowest Channel / 20MHz+10MHz



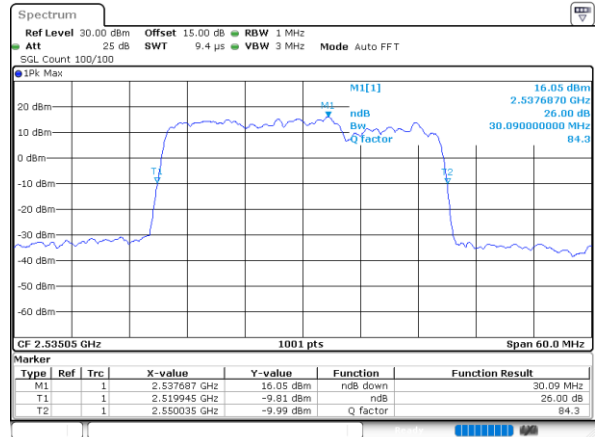
Date: 26_MAY.2021 00:23:53

Middle Channel / 15MHz+20MHz



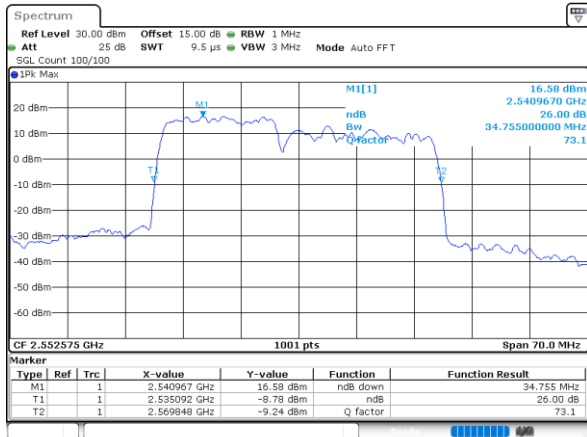
Date: 27_MAY.2021 21:49:28

Middle Channel / 20MHz+10MHz



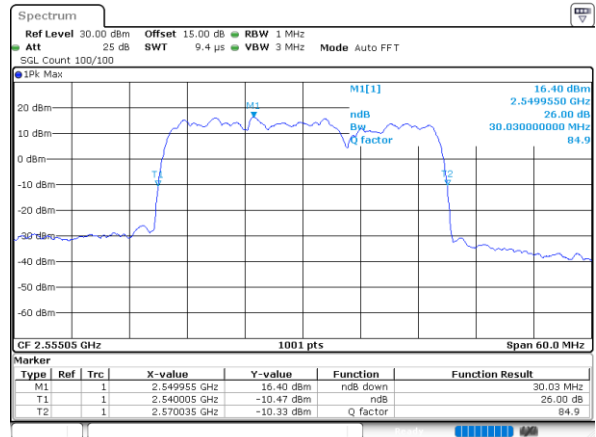
Date: 26_MAY.2021 00:42:54

Highest Channel / 15MHz+20MHz



Date: 27_MAY.2021 21:50:51

Highest Channel / 20MHz+10MHz



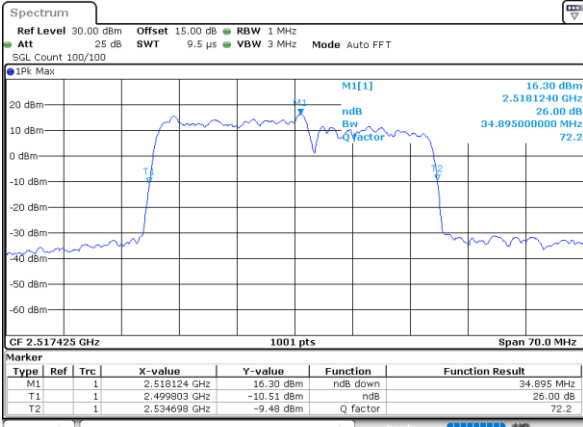
Date: 26_MAY.2021 00:44:47



LTE Band 7C_CA

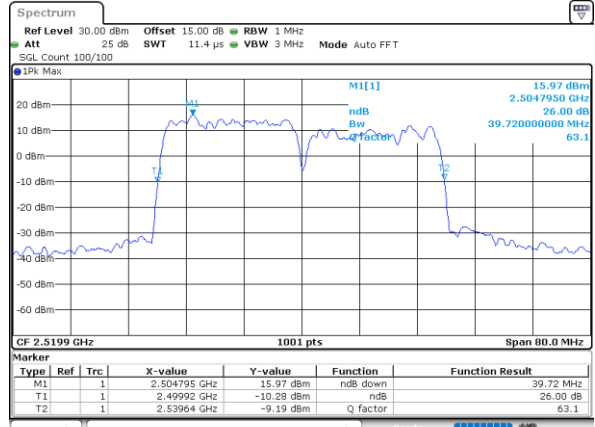
64QAM

Lowest Channel / 20MHz+15MHz



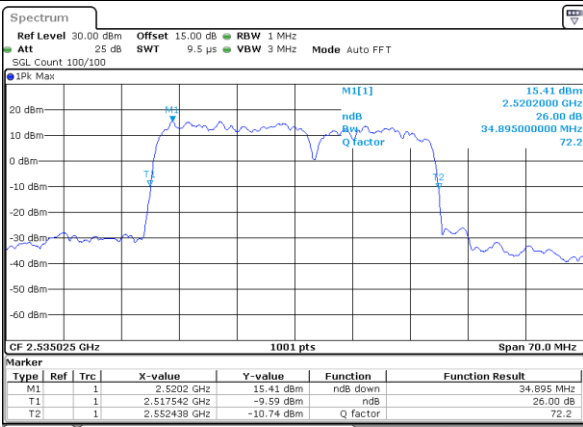
Date: 27_MAY.2021 00:22:18

Lowest Channel / 20MHz+20MHz



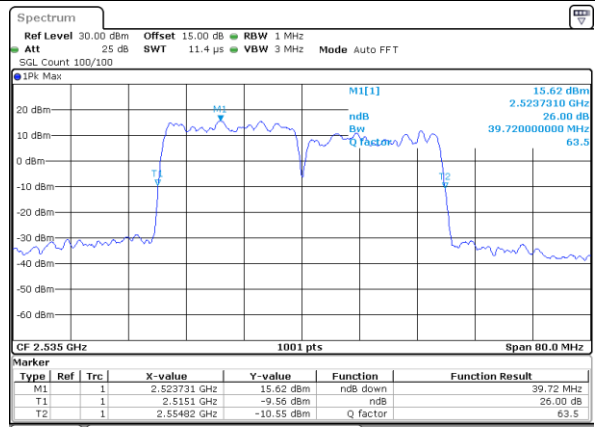
Date: 25_MAY.2021 22:11:36

Middle Channel / 20MHz+15MHz



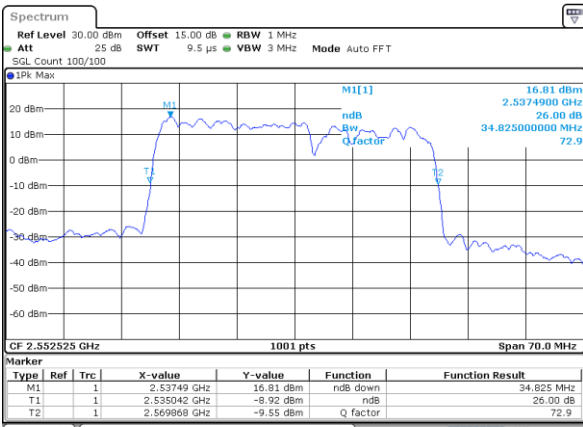
Date: 27_MAY.2021 00:37:35

Middle Channel / 20MHz+20MHz



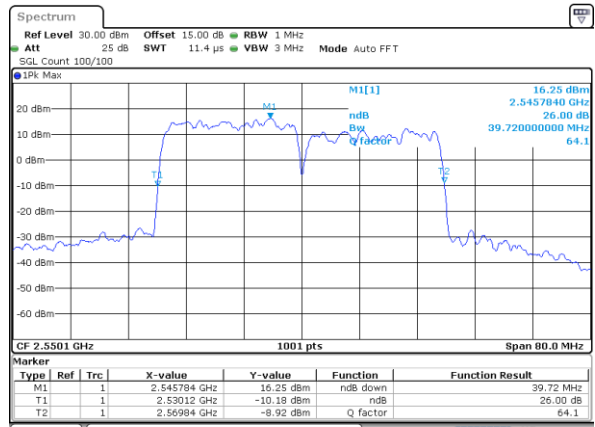
Date: 26_MAY.2021 23:06:44

Highest Channel / 20MHz+15MHz



Date: 27_MAY.2021 00:44:25

Highest Channel / 20MHz+20MHz



Date: 27_MAY.2021 00:14:26



Occupied Bandwidth

Mode	LTE Band 7C_CA : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.17	-	23.38	28.59
Middle CH	27.99	-	23.48	28.41
Highest CH	27.63	-	23.03	28.23
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.59	28.17	33.08	37.64
Middle CH	32.66	27.81	32.73	37.80
Highest CH	32.94	27.93	32.87	37.88

Mode	LTE Band 7C_CA : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.99	-	23.33	28.83
Middle CH	27.99	-	23.43	28.11
Highest CH	27.99	-	23.23	28.47
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	28.29	32.73	37.80
Middle CH	32.80	27.87	32.94	37.48
Highest CH	32.17	27.99	32.59	37.56

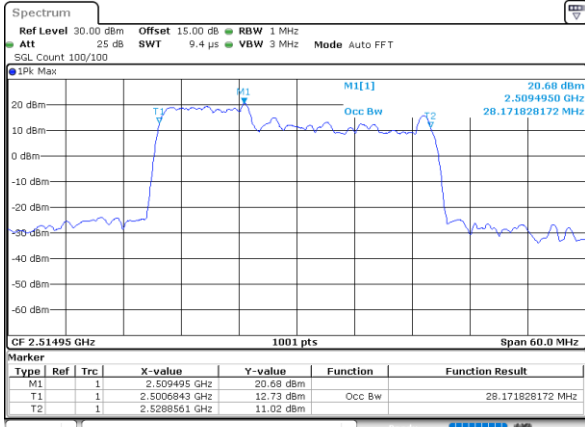
Mode	LTE Band 7C_CA : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.63	-	23.23	28.47
Middle CH	27.93	-	23.23	28.47
Highest CH	27.93	-	23.33	28.71
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.66	28.11	32.80	37.48
Middle CH	32.59	27.81	32.87	37.56
Highest CH	32.87	28.05	32.80	37.16



LTE Band 7C_CA

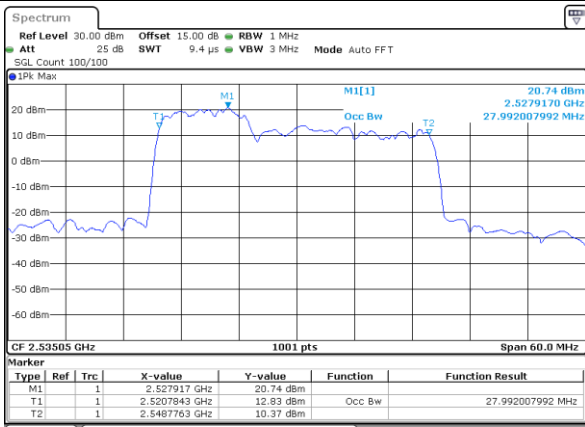
QPSK

Lowest Channel / 10MHz+20MHz



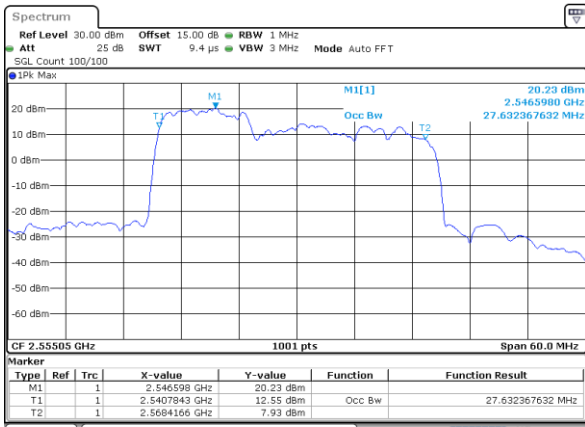
Date: 25_MAY_2021 22:52:53

Middle Channel / 10MHz+20MHz



Date: 26_MAY_2021 00:07:25

Highest Channel / 10MHz+20MHz



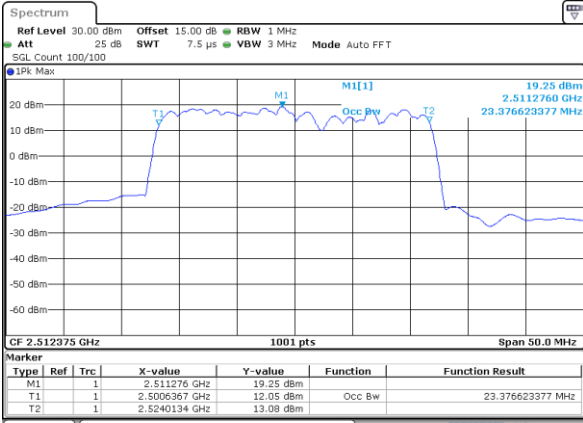
Date: 26_MAY_2021 00:08:49



LTE Band 7C_CA

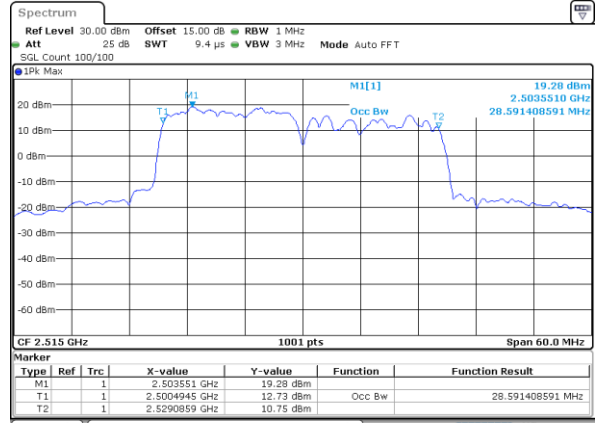
QPSK

Lowest Channel / 15MHz+10MHz



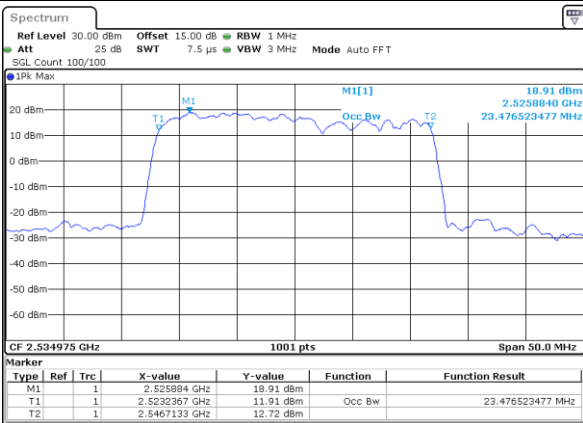
Date: 27_MAY.2021 18:34:16

Lowest Channel / 15MHz+15MHz



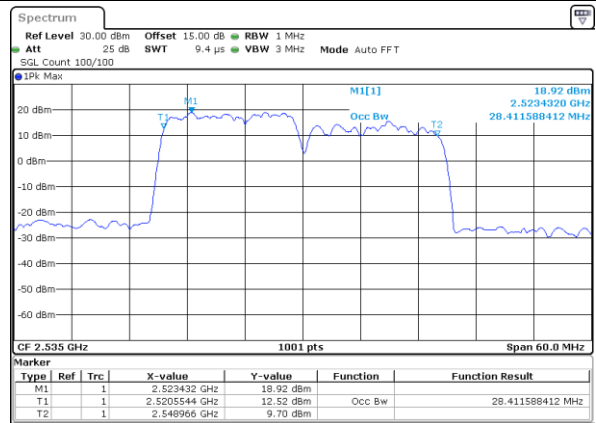
Date: 26_MAY.2021 21:23:03

Middle Channel / 15MHz+10MHz



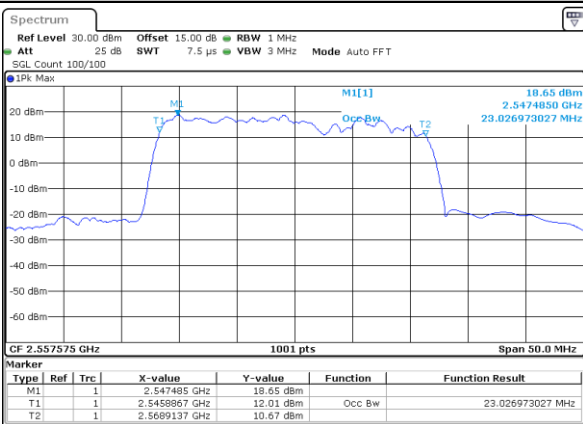
Date: 27_MAY.2021 19:16:49

Middle Channel / 15MHz+15MHz



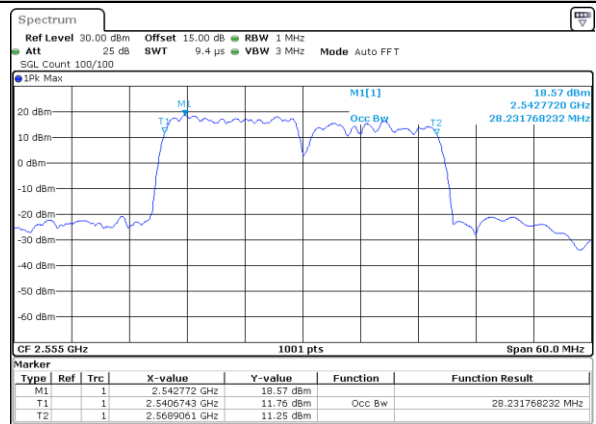
Date: 26_MAY.2021 22:15:16

Highest Channel / 15MHz+10MHz



Date: 27_MAY.2021 19:19:02

Highest Channel / 15MHz+15MHz



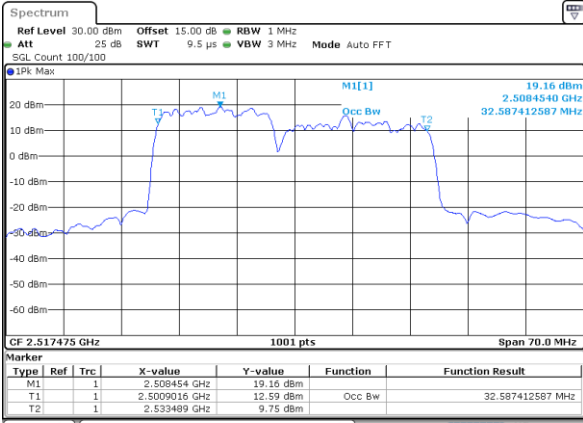
Date: 26_MAY.2021 22:48:48



LTE Band 7C_CA

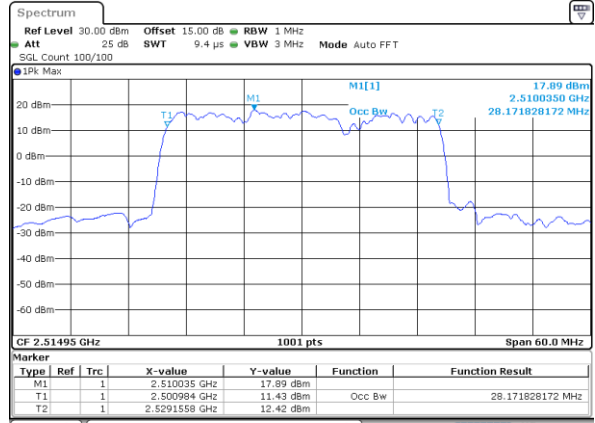
QPSK

Lowest Channel / 15MHz+20MHz



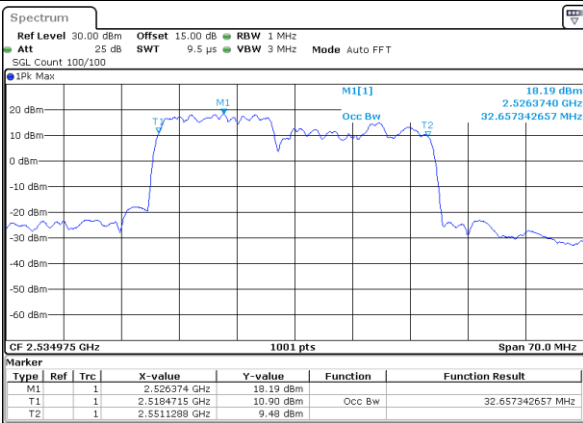
Date: 27_MAY.2021 20:29:26

Lowest Channel / 20MHz+10MHz



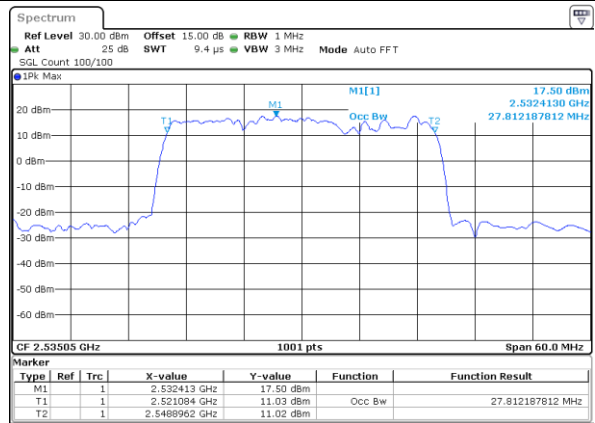
Date: 26_MAY.2021 00:25:20

Middle Channel / 15MHz+20MHz



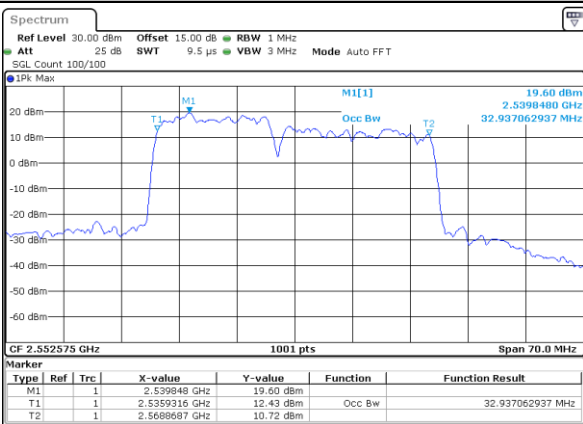
Date: 27_MAY.2021 21:47:16

Middle Channel / 20MHz+10MHz



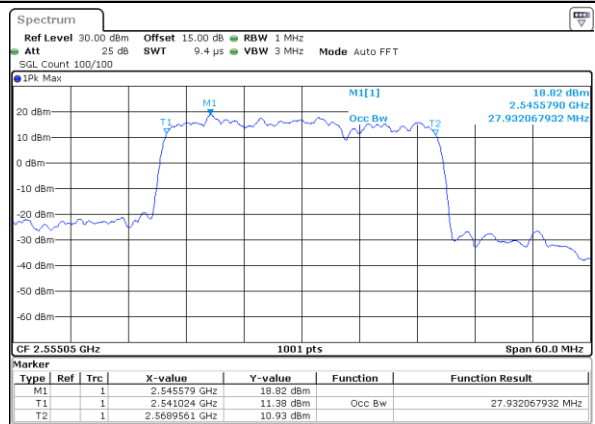
Date: 26_MAY.2021 00:40:28

Highest Channel / 15MHz+20MHz



Date: 27_MAY.2021 21:53:54

Highest Channel / 20MHz+10MHz



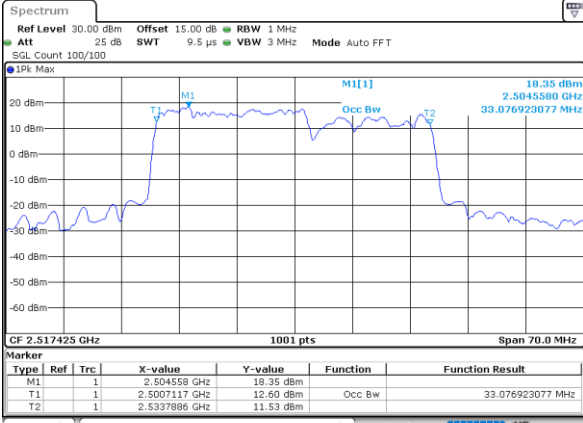
Date: 26_MAY.2021 00:48:57



LTE Band 7C_CA

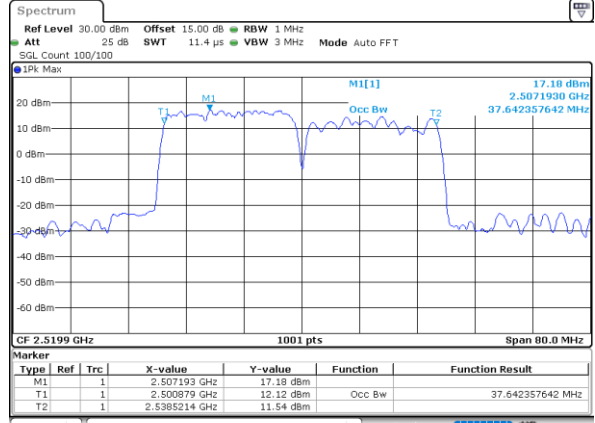
QPSK

Lowest Channel / 20MHz+15MHz



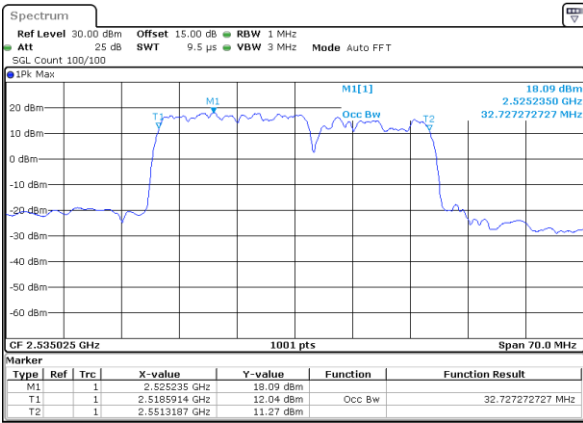
Date: 27.MAY.2021 00:19:23

Lowest Channel / 20MHz+20MHz



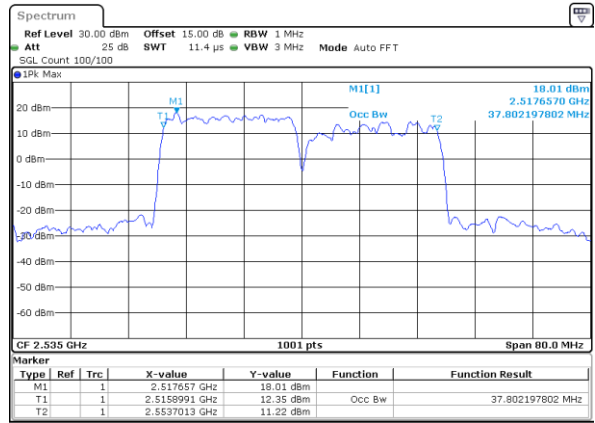
Date: 25.MAY.2021 22:08:01

Middle Channel / 20MHz+15MHz



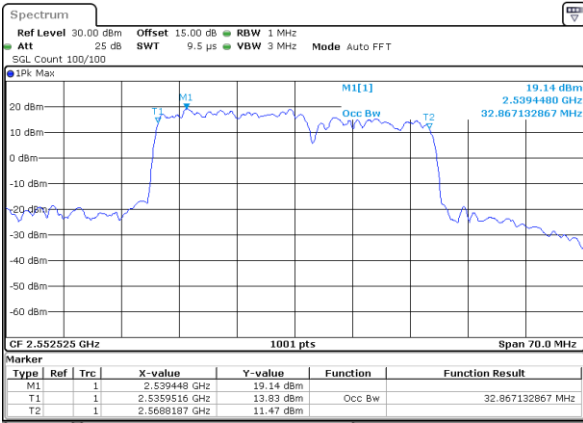
Date: 27.MAY.2021 00:41:03

Middle Channel / 20MHz+20MHz



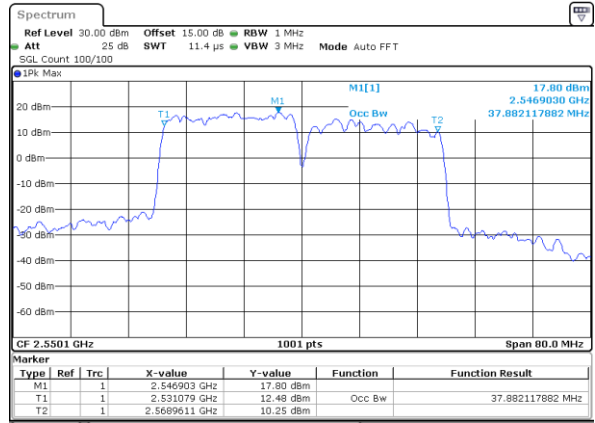
Date: 26.MAY.2021 23:04:43

Highest Channel / 20MHz+15MHz



Date: 27.MAY.2021 00:41:36

Highest Channel / 20MHz+20MHz



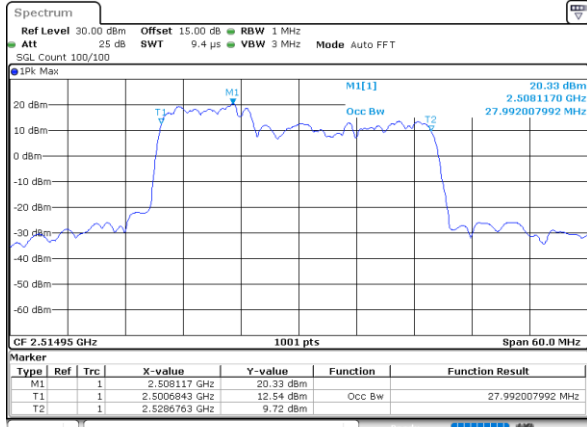
Date: 27.MAY.2021 00:16:55



LTE Band 7C_CA

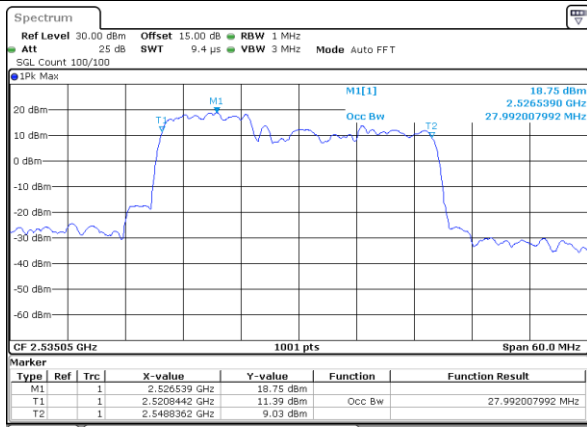
16QAM

Lowest Channel / 10MHz+20MHz



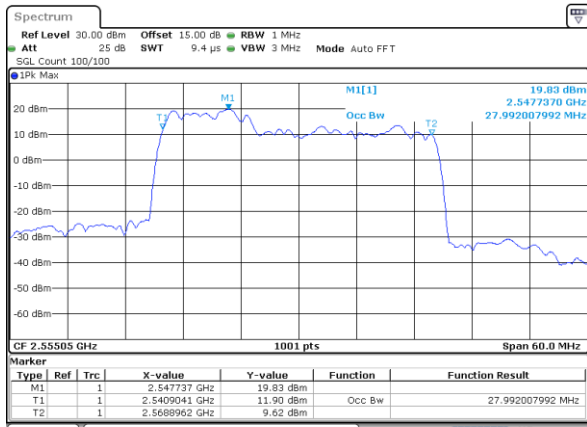
Date: 25.MAY.2021 23:07:34

Middle Channel / 10MHz+20MHz



Date: 26.MAY.2021 00:06:18

Highest Channel / 10MHz+20MHz



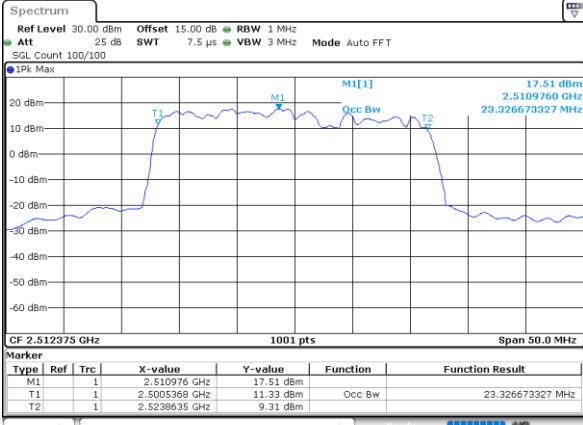
Date: 26.MAY.2021 00:10:05



LTE Band 7C_CA

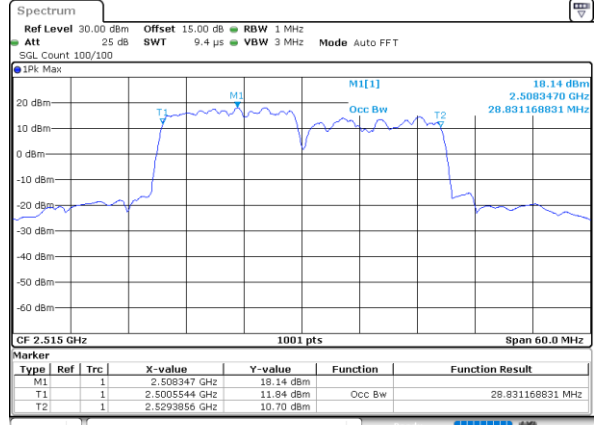
16QAM

Lowest Channel / 15MHz+10MHz



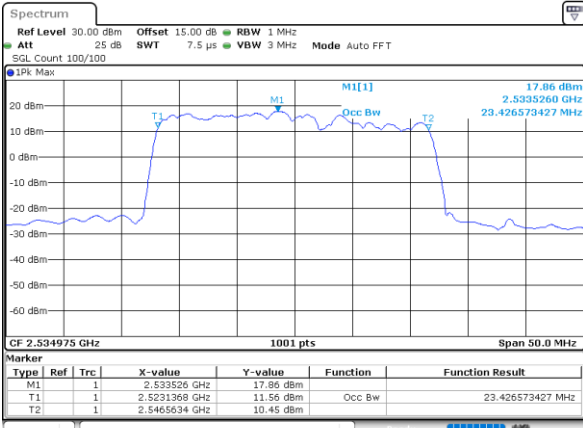
Date: 27_MAY.2021 18:36:32

Lowest Channel / 15MHz+15MHz



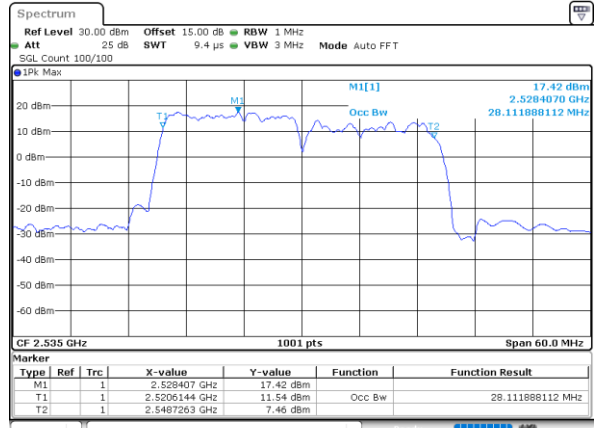
Date: 26_MAY.2021 21:25:54

Middle Channel / 15MHz+10MHz



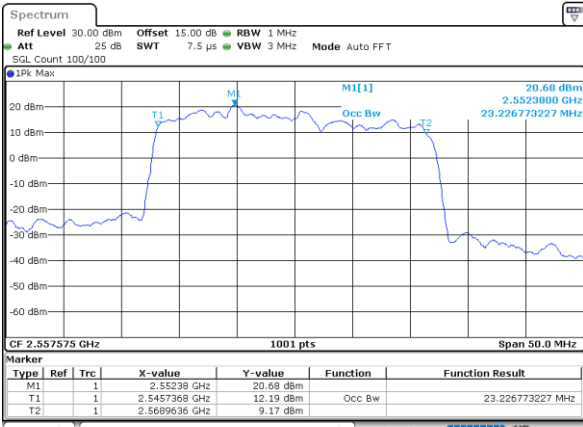
Date: 27_MAY.2021 19:15:41

Middle Channel / 15MHz+15MHz



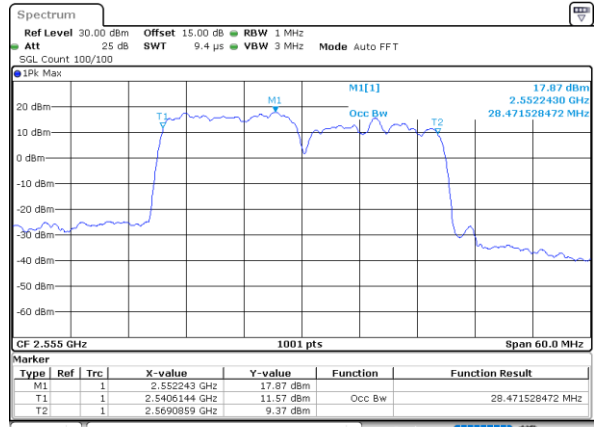
Date: 26_MAY.2021 22:14:22

Highest Channel / 15MHz+10MHz



Date: 27_MAY.2021 19:21:13

Highest Channel / 15MHz+15MHz



Date: 26_MAY.2021 22:50:41