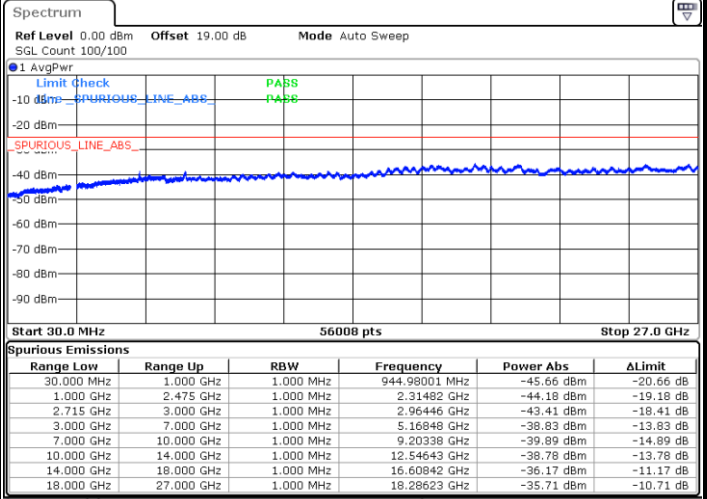
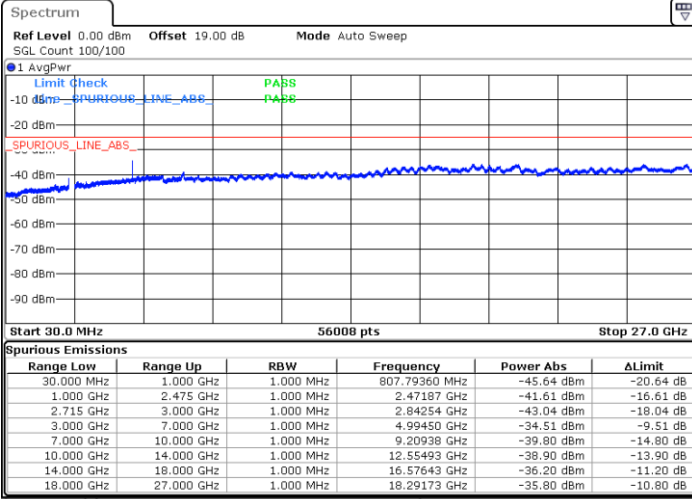




LTE Band 41 / 20MHz

Lowest Channel / 64QAM

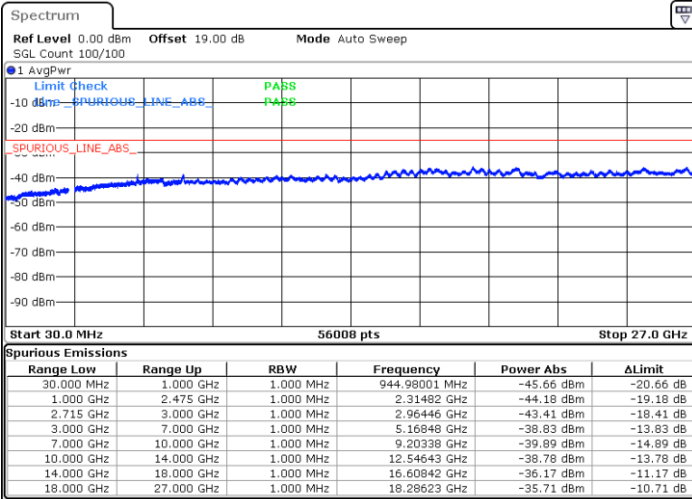
Middle Channel / 64QAM



Date: 16.AUG.2020 05:02:56

Date: 16.AUG.2020 05:03:54

Highest Channel / 64QAM



Date: 16.AUG.2020 05:03:54



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	0.0008	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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	24.88	24.98	29.91	25.08	30.51
Middle CH	24.88	25.08	29.91	25.18	30.39
Highest CH	24.83	25.13	30.03	25.23	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.98	30.21	34.76	39.56
Middle CH	34.83	24.93	29.97	34.90	39.64
Highest CH	34.83	25.03	29.97	34.83	39.64

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.23	29.85	25.08	30.45
Middle CH	24.78	24.83	29.73	25.28	30.45
Highest CH	24.68	25.03	29.79	25.43	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.88	30.03	35.04	39.64
Middle CH	34.76	24.83	29.97	34.83	39.56
Highest CH	34.69	24.98	30.09	34.97	39.72

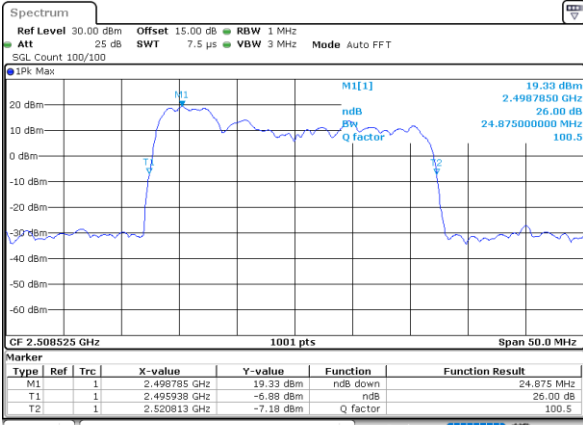
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	25.03	29.85	25.13	30.51
Middle CH	24.68	25.08	29.73	25.13	30.45
Highest CH	24.73	24.98	29.91	25.18	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.83	29.85	34.83	39.56
Middle CH	34.90	24.98	29.91	34.90	39.64
Highest CH	34.90	25.03	29.85	34.83	39.72



LTE Band 41C

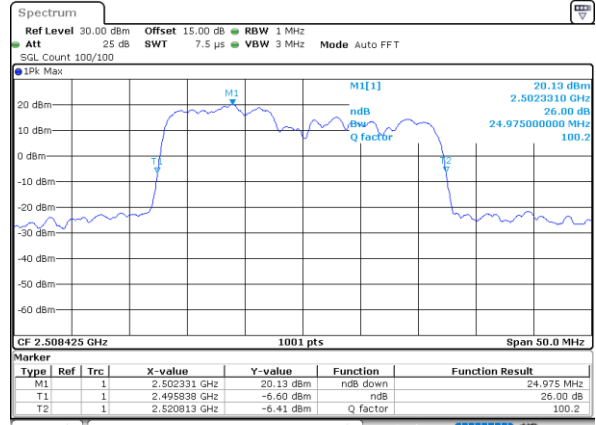
QPSK

Lowest Channel / 5MHz+20MHz



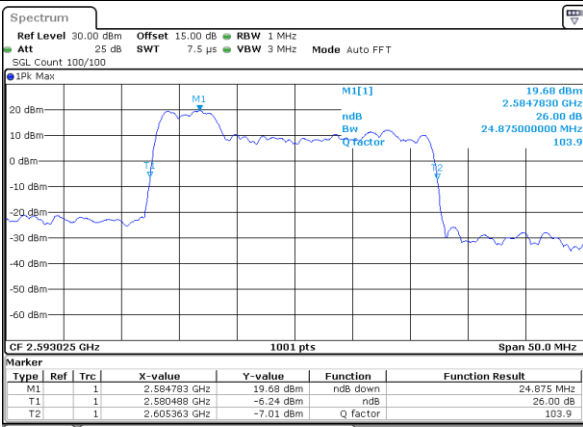
Date: 16_AUG.2020 23:30:58

Lowest Channel / 10MHz+15MHz



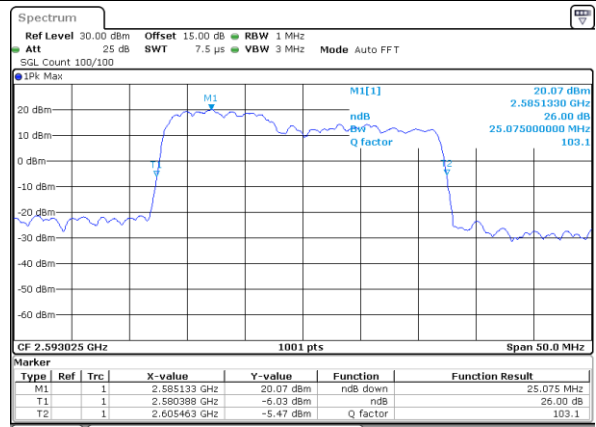
Date: 17_AUG.2020 00:01:29

Middle Channel / 5MHz+20MHz



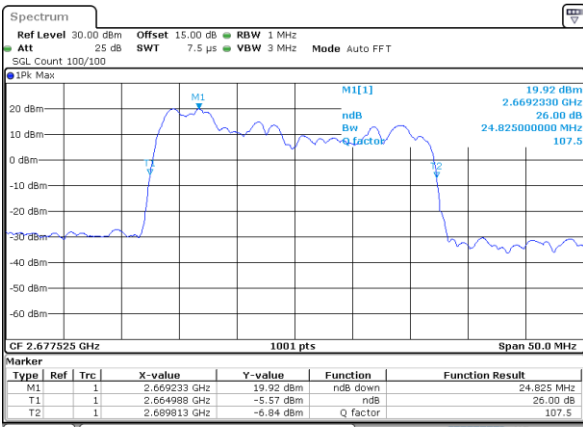
Date: 16_AUG.2020 23:34:07

Middle Channel / 10MHz+15MHz



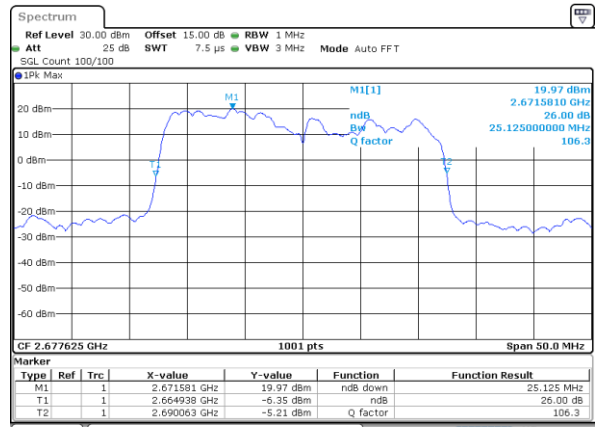
Date: 17_AUG.2020 00:04:39

Highest Channel / 5MHz+20MHz



Date: 16_AUG.2020 23:36:14

Highest Channel / 10MHz+15MHz



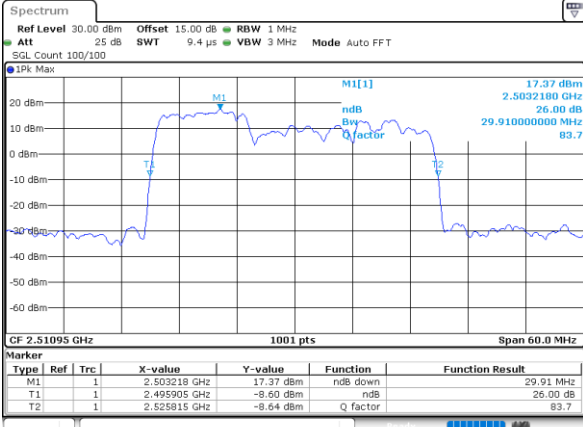
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LTE Band 41C

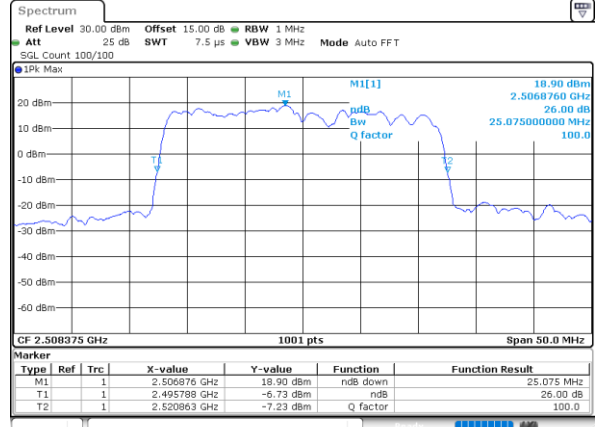
QPSK

Lowest Channel / 10MHz+20MHz



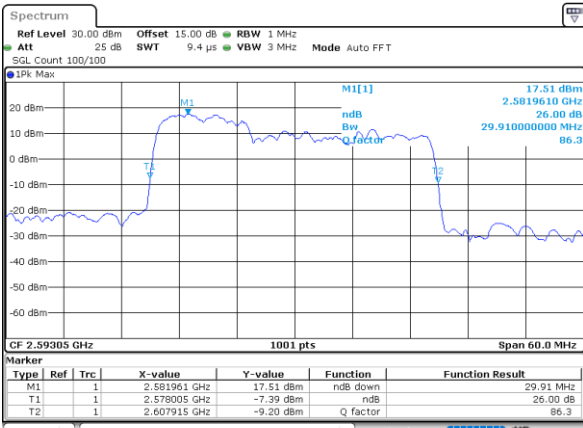
Date: 17_AUG.2020 00:46:16

Lowest Channel / 15MHz+10MHz



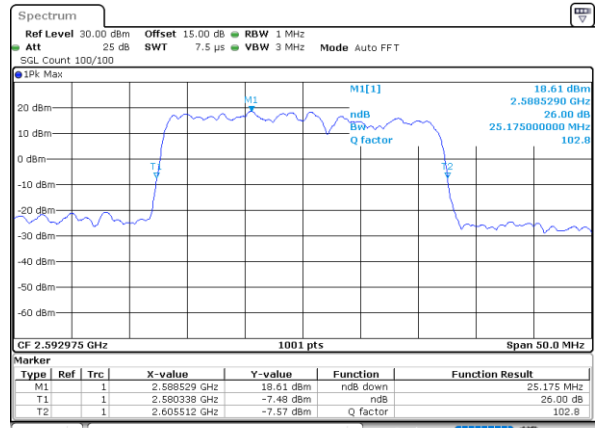
Date: 17_AUG.2020 00:13:14

Middle Channel / 10MHz+20MHz



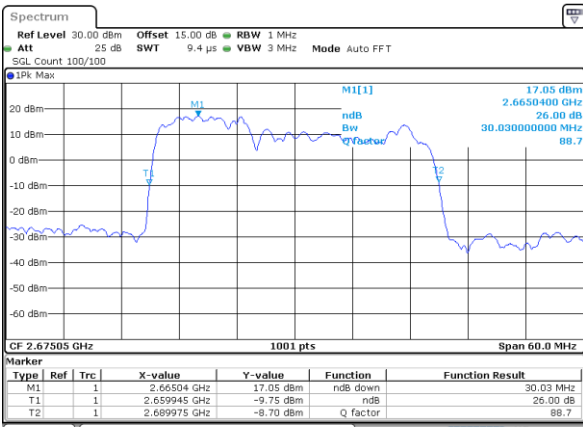
Date: 17_AUG.2020 00:49:25

Middle Channel / 15MHz+10MHz



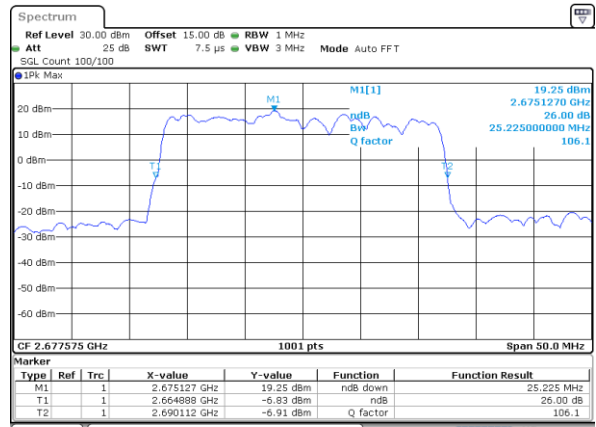
Date: 17_AUG.2020 00:13:24

Highest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:51:33

Highest Channel / 15MHz+10MHz



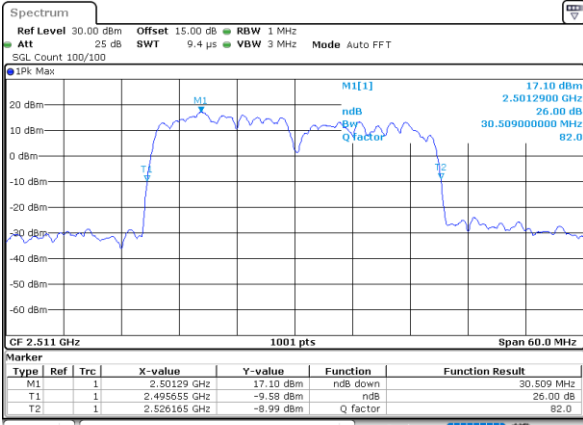
Date: 17_AUG.2020 00:13:30



LTE Band 41C

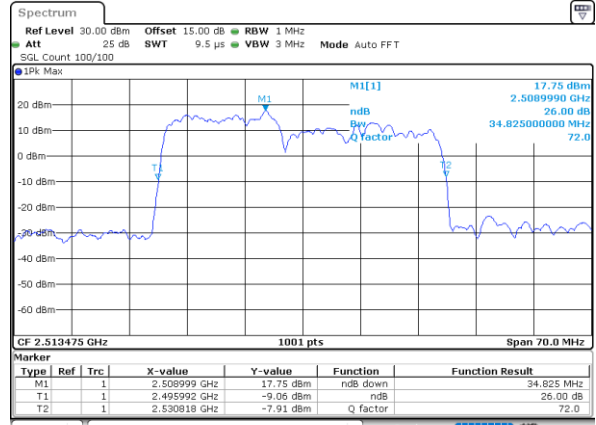
QPSK

Lowest Channel / 15MHz+15MHz



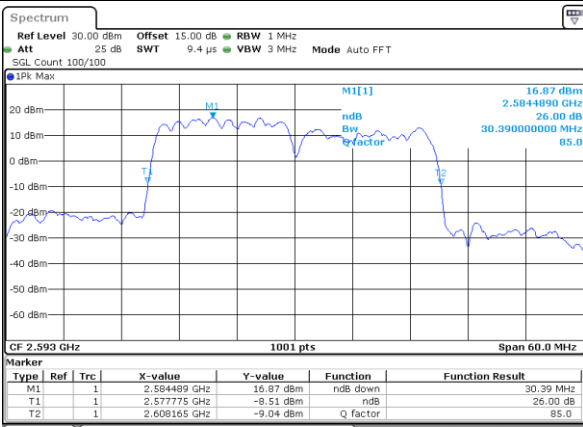
Date: 17_AUG.2020 01:11:15

Lowest Channel / 15MHz+20MHz



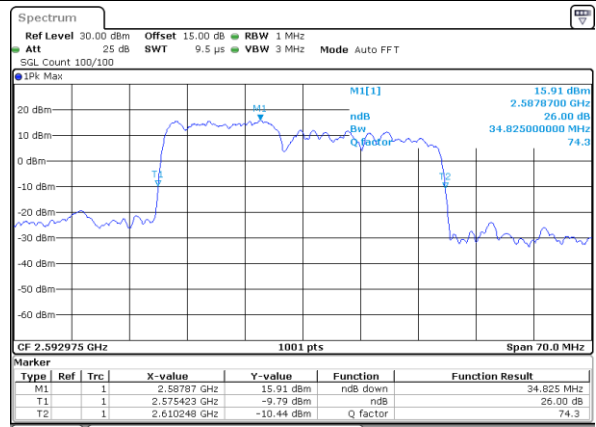
Date: 17_AUG.2020 01:25:04

Middle Channel / 15MHz+15MHz



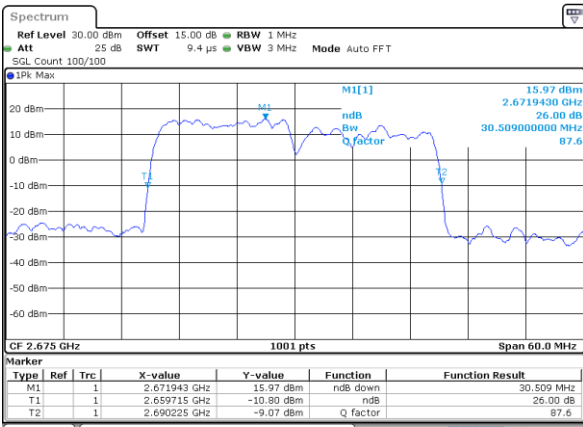
Date: 17_AUG.2020 01:14:25

Middle Channel / 15MHz+20MHz



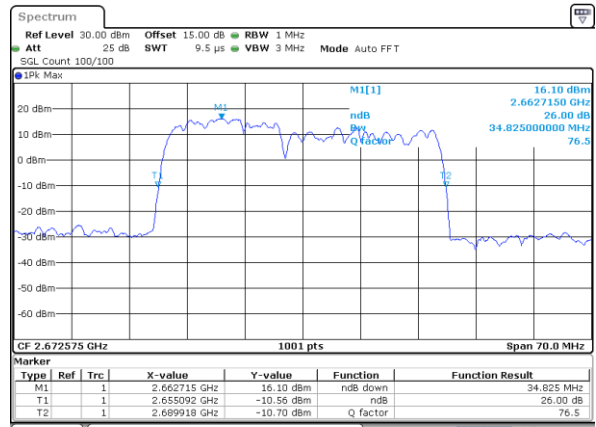
Date: 17_AUG.2020 01:28:14

Highest Channel / 15MHz+15MHz



Date: 17_AUG.2020 01:16:31

Highest Channel / 15MHz+20MHz



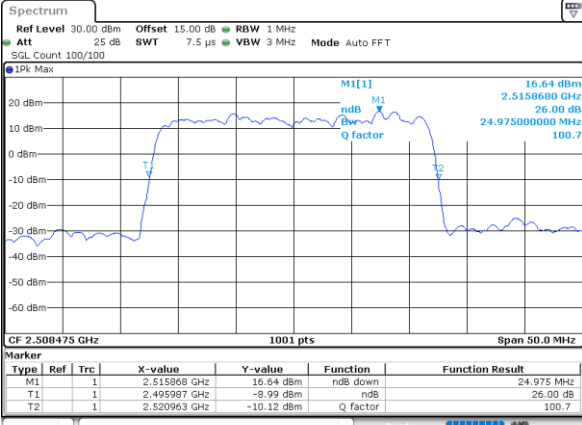
Date: 17_AUG.2020 01:30:20



LTE Band 41C

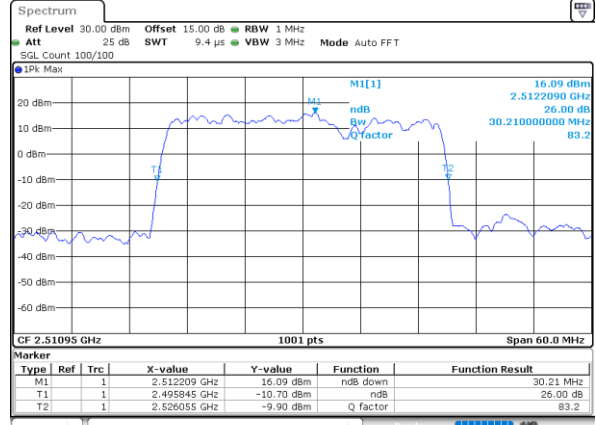
QPSK

Lowest Channel / 20MHz+5MHz



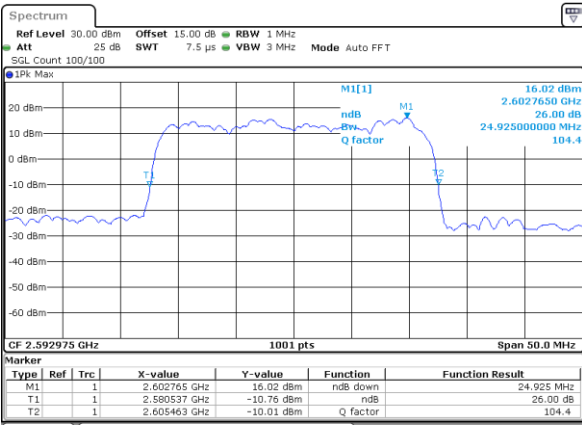
Date: 16.AUG.2020 23:52:59

Lowest Channel / 20MHz+10MHz



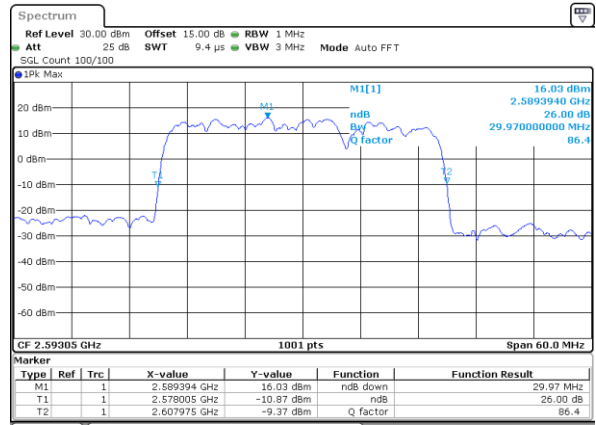
Date: 17.AUG.2020 01:10:12

Middle Channel / 20MHz+5MHz



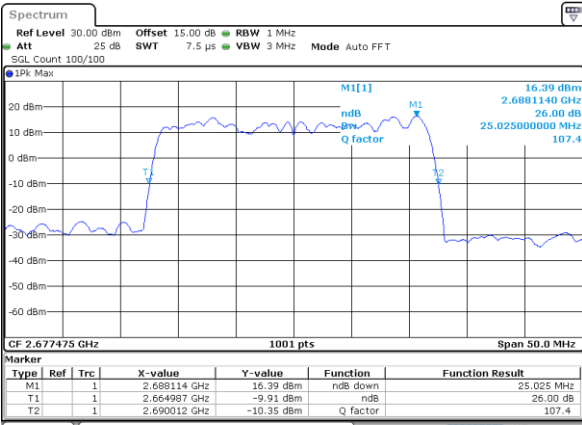
Date: 16.AUG.2020 23:56:14

Middle Channel / 20MHz+10MHz



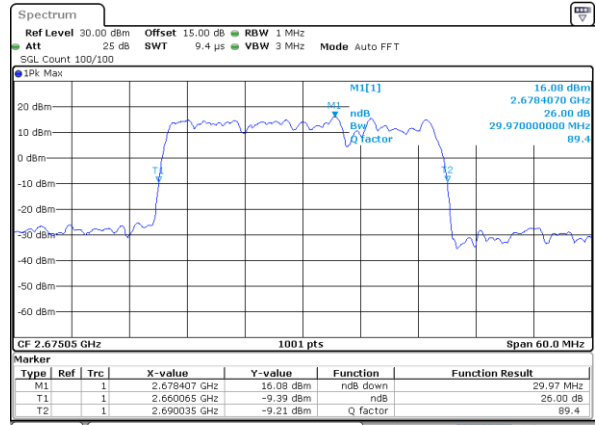
Date: 17.AUG.2020 01:10:22

Highest Channel / 20MHz+5MHz



Date: 16.AUG.2020 23:57:00

Highest Channel / 20MHz+10MHz



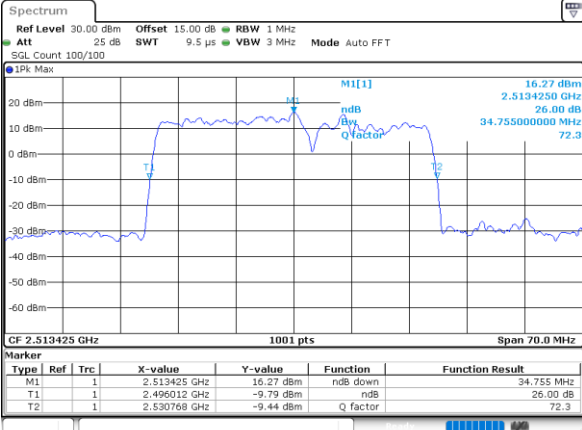
Date: 17.AUG.2020 01:10:28



LTE Band 41C

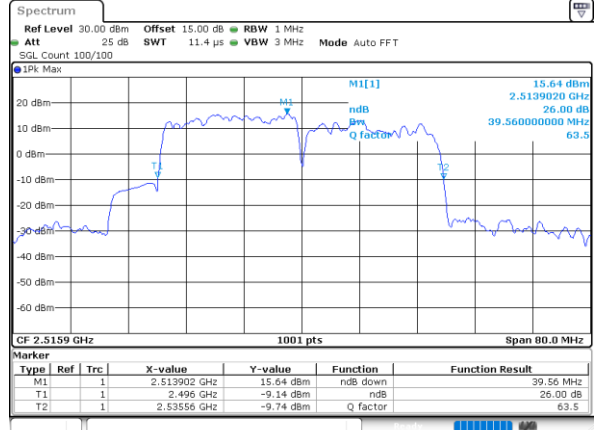
QPSK

Lowest Channel / 20MHz+15MHz



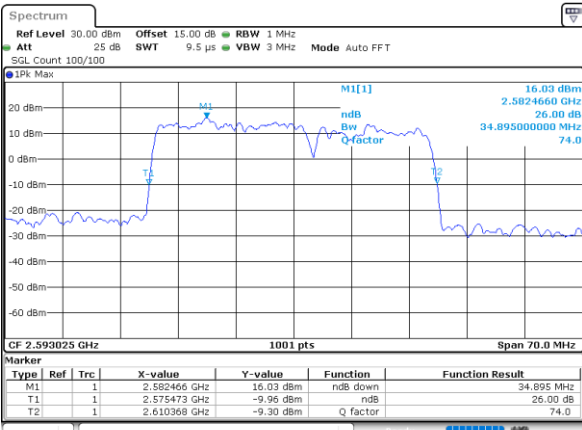
Date: 17_AUG.2020 01:35:23

Lowest Channel / 20MHz+20MHz



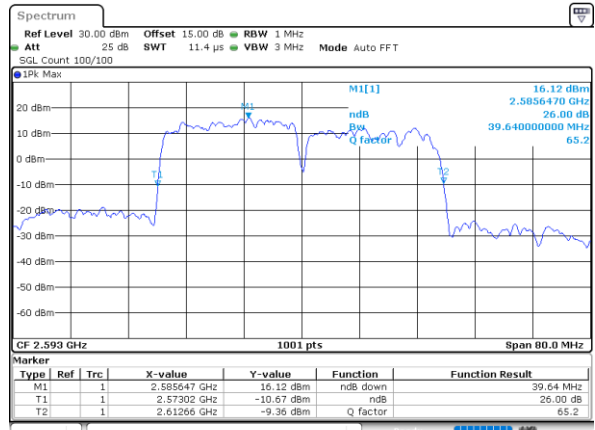
Date: 17_AUG.2020 01:45:05

Middle Channel / 20MHz+15MHz



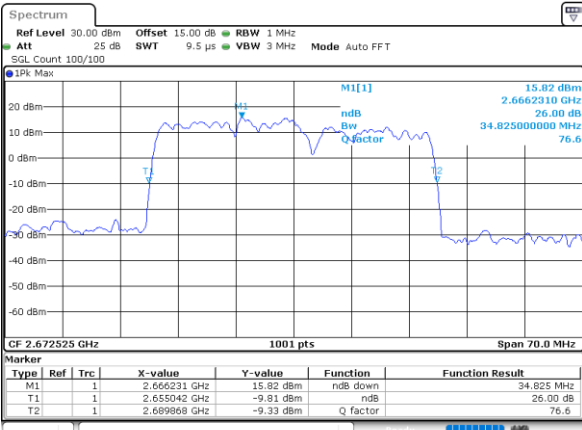
Date: 17_AUG.2020 01:38:33

Middle Channel / 20MHz+20MHz



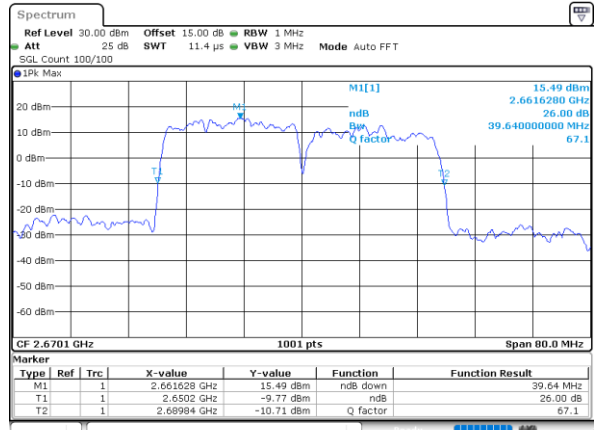
Date: 17_AUG.2020 01:48:14

Highest Channel / 20MHz+15MHz



Date: 17_AUG.2020 01:40:40

Highest Channel / 20MHz+20MHz



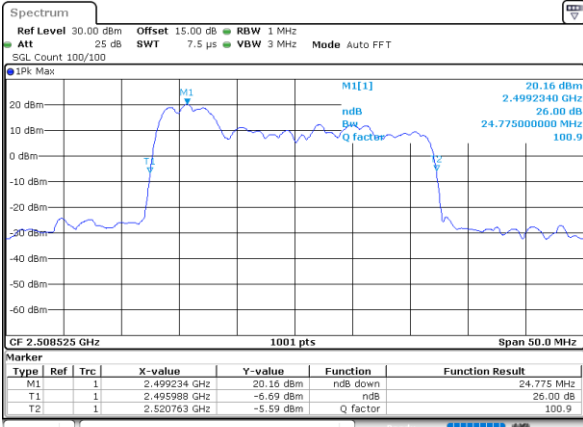
Date: 17_AUG.2020 01:50:20



LTE Band 41C

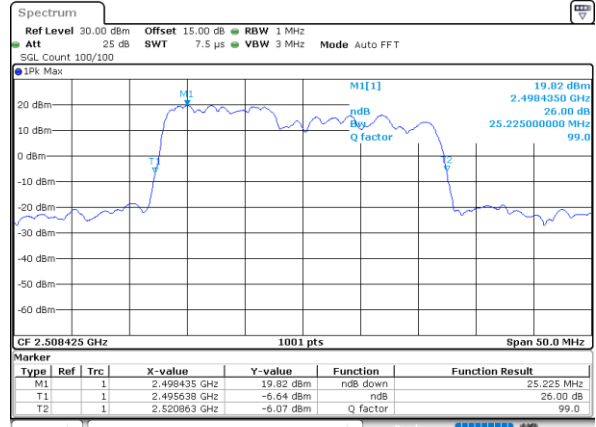
16QAM

Lowest Channel / 5MHz+20MHz



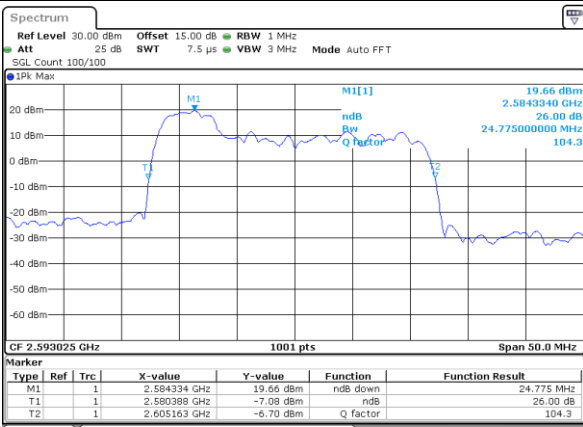
Date: 16_AUG.2020 23:30:26

Lowest Channel / 10MHz+15MHz



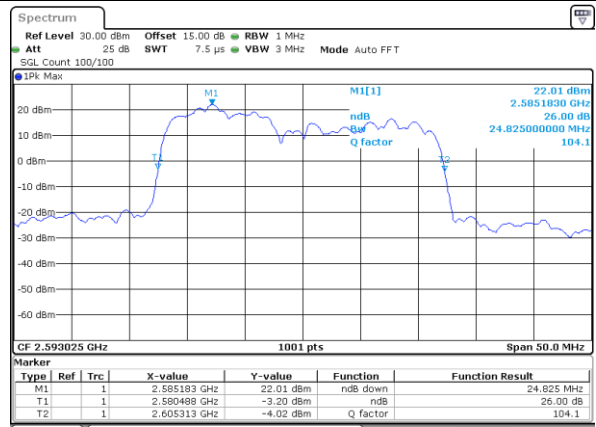
Date: 17_AUG.2020 00:00:58

Middle Channel / 5MHz+20MHz



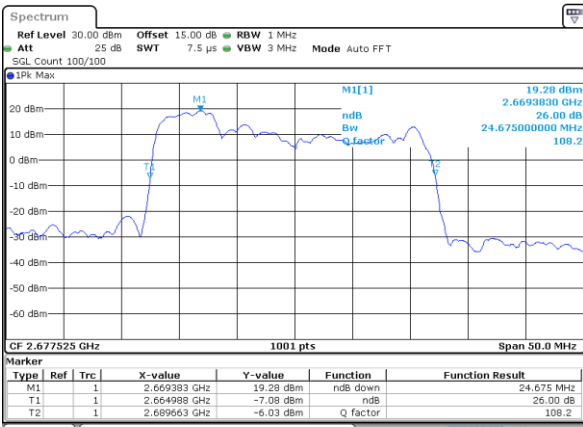
Date: 16_AUG.2020 23:33:36

Middle Channel / 10MHz+15MHz



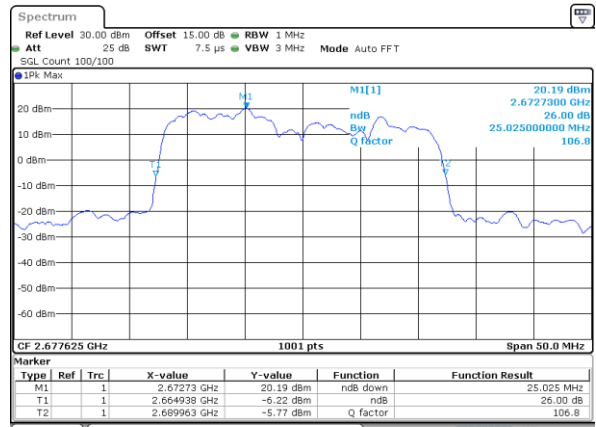
Date: 17_AUG.2020 00:04:07

Highest Channel / 5MHz+20MHz



Date: 16_AUG.2020 23:36:46

Highest Channel / 10MHz+15MHz



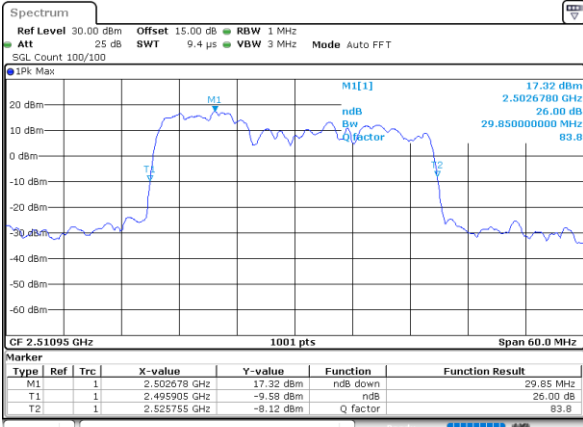
Date: 17_AUG.2020 00:07:17



LTE Band 41C

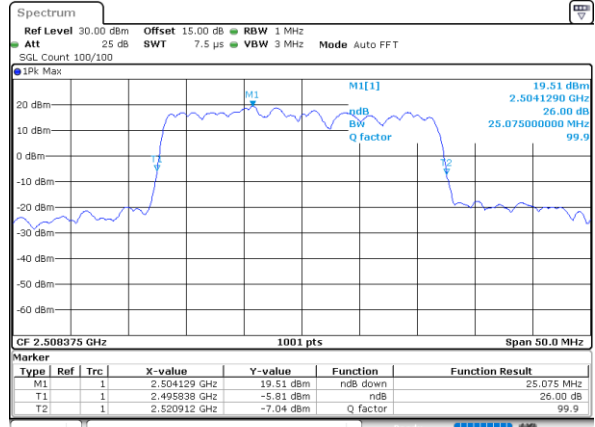
16QAM

Lowest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:45:45

Lowest Channel / 15MHz+10MHz



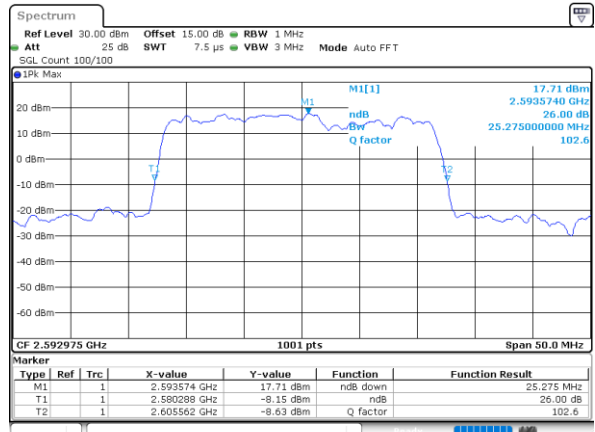
Date: 17_AUG.2020 00:13:43

Middle Channel / 10MHz+20MHz



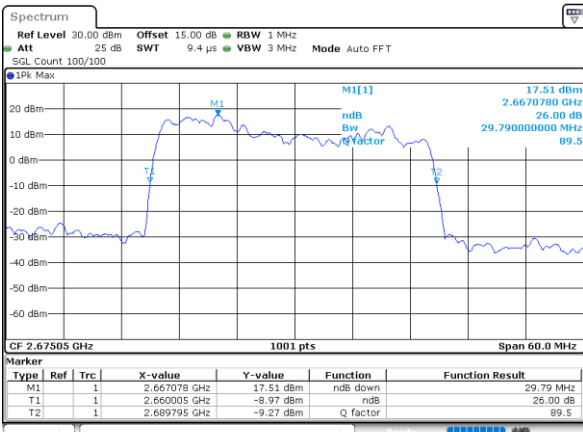
Date: 17_AUG.2020 00:48:53

Middle Channel / 15MHz+10MHz



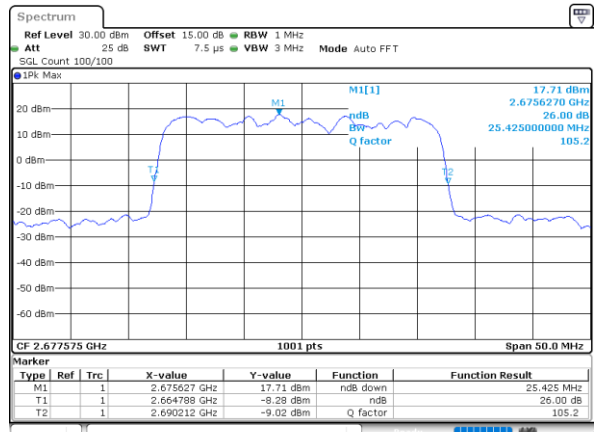
Date: 17_AUG.2020 00:13:52

Highest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:15:02

Highest Channel / 15MHz+10MHz



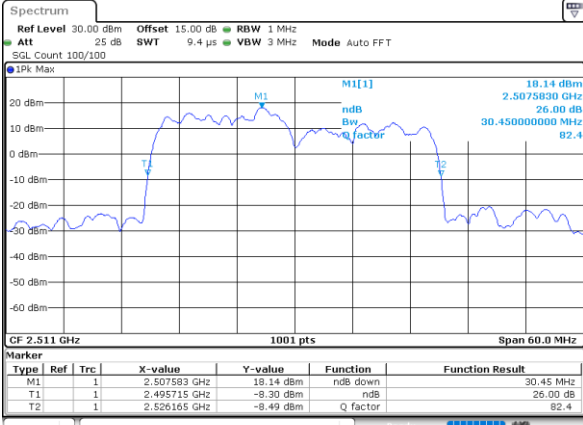
Date: 17_AUG.2020 00:13:02



LTE Band 41C

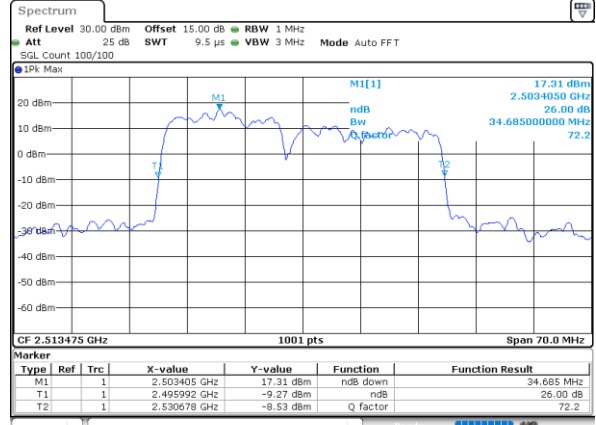
16QAM

Lowest Channel / 15MHz+15MHz



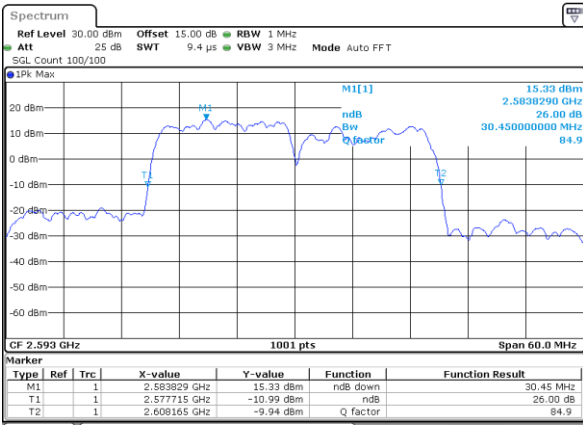
Date: 17_AUG.2020 01:10:43

Lowest Channel / 15MHz+20MHz



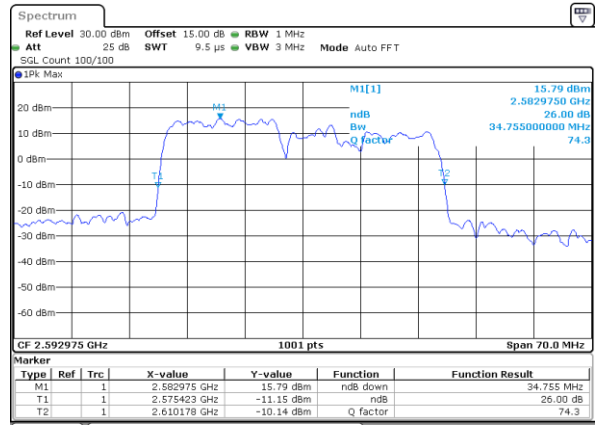
Date: 17_AUG.2020 01:24:33

Middle Channel / 15MHz+15MHz



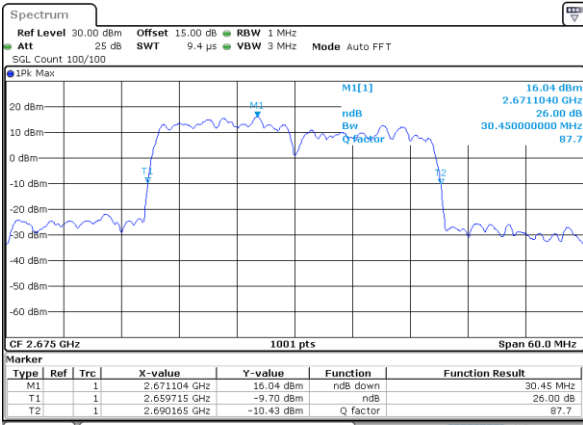
Date: 17_AUG.2020 01:13:53

Middle Channel / 15MHz+20MHz



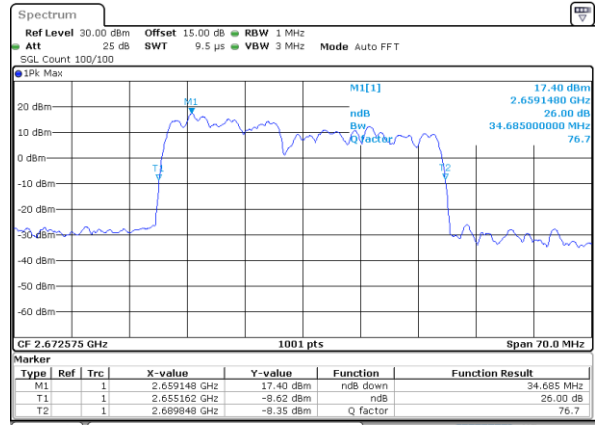
Date: 17_AUG.2020 01:27:43

Highest Channel / 15MHz+15MHz



Date: 17_AUG.2020 01:17:03

Highest Channel / 15MHz+20MHz



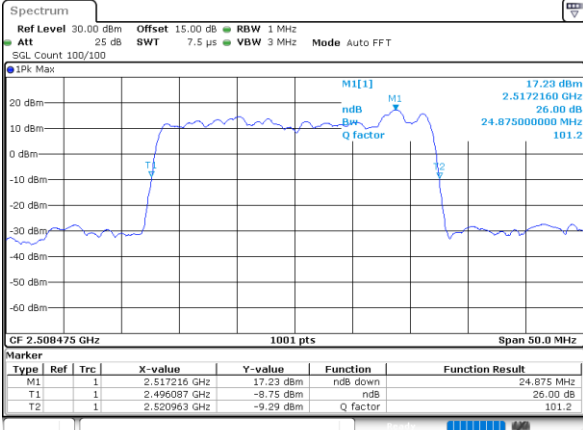
Date: 17_AUG.2020 01:30:52



LTE Band 41C

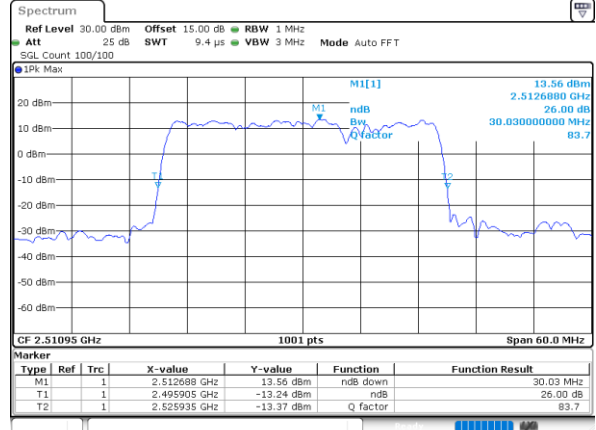
16QAM

Lowest Channel / 20MHz+5MHz



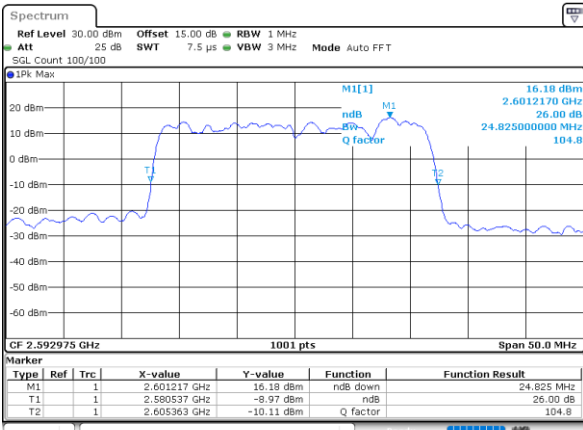
Date: 16.AUG.2020 23:53:24

Lowest Channel / 20MHz+10MHz



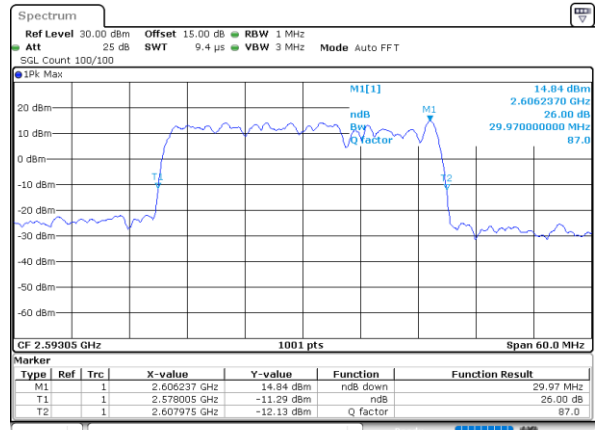
Date: 17.AUG.2020 00:59:41

Middle Channel / 20MHz+5MHz



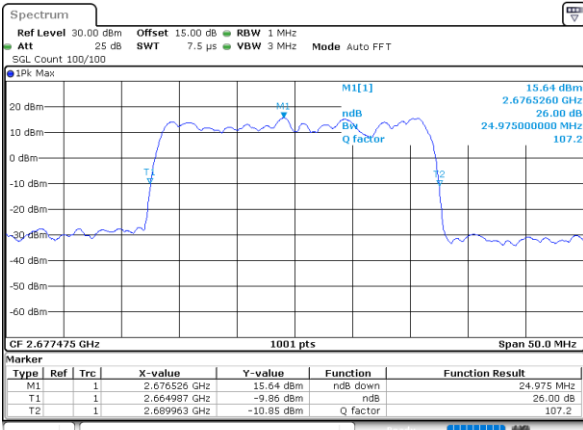
Date: 16.AUG.2020 23:55:34

Middle Channel / 20MHz+10MHz



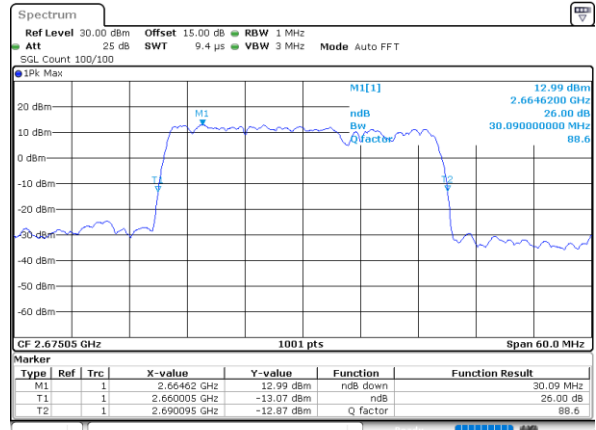
Date: 17.AUG.2020 01:02:50

Highest Channel / 20MHz+5MHz



Date: 16.AUG.2020 23:57:28

Highest Channel / 20MHz+10MHz



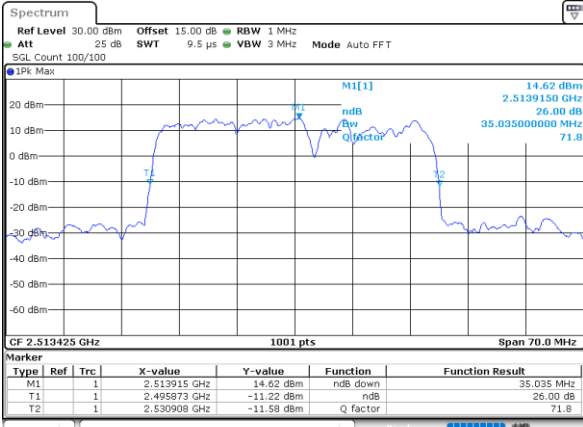
Date: 17.AUG.2020 01:06:00



LTE Band 41C

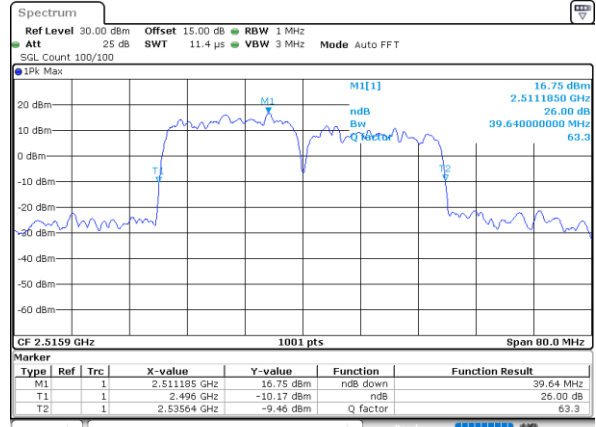
16QAM

Lowest Channel / 20MHz+15MHz



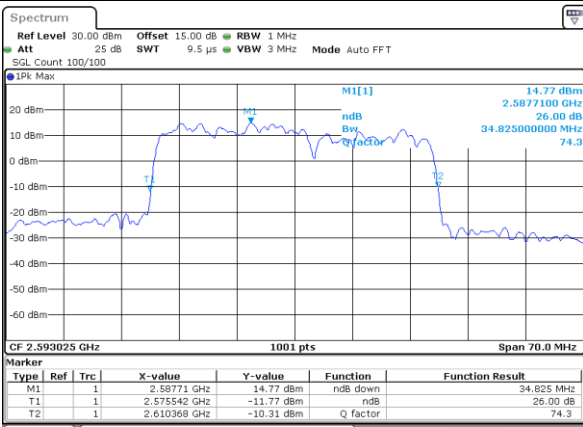
Date: 17_AUG.2020 01:13:52

Lowest Channel / 20MHz+20MHz



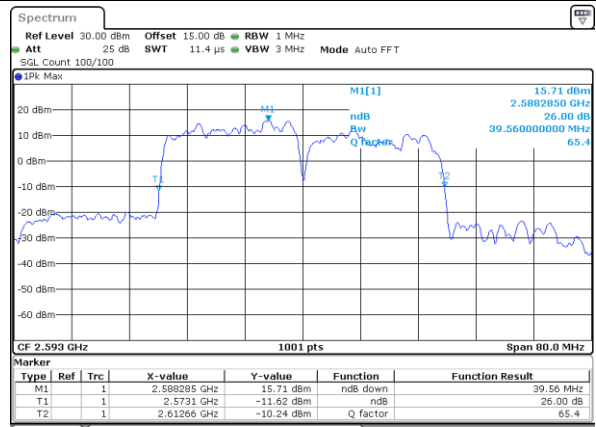
Date: 17_AUG.2020 01:14:33

Middle Channel / 20MHz+15MHz



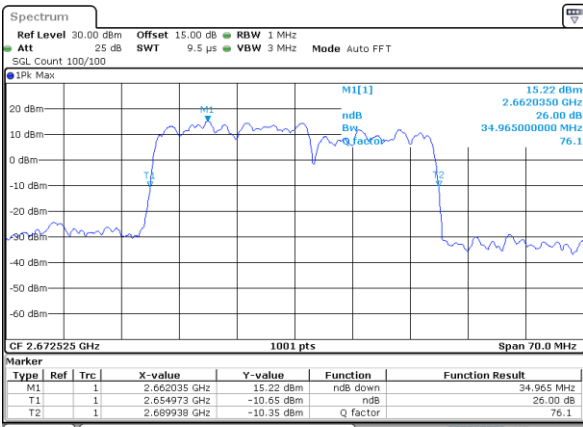
Date: 17_AUG.2020 01:13:01

Middle Channel / 20MHz+20MHz



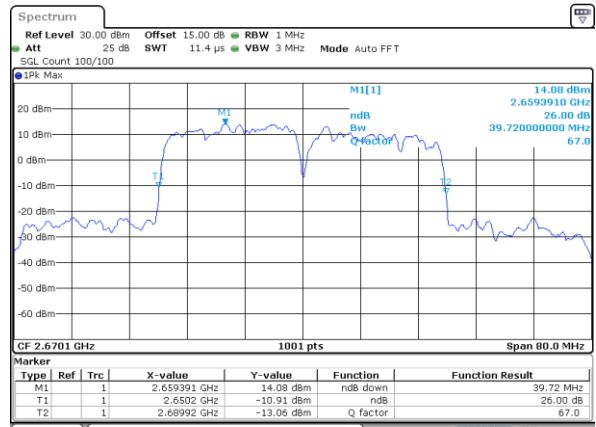
Date: 17_AUG.2020 01:14:42

Highest Channel / 20MHz+15MHz



Date: 17_AUG.2020 01:14:11

Highest Channel / 20MHz+20MHz



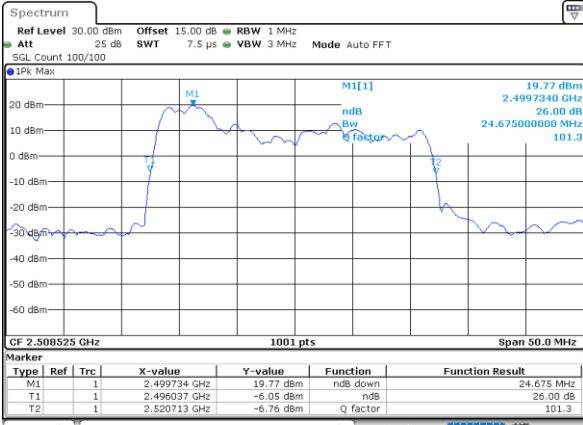
Date: 17_AUG.2020 01:15:02



LTE Band 41C

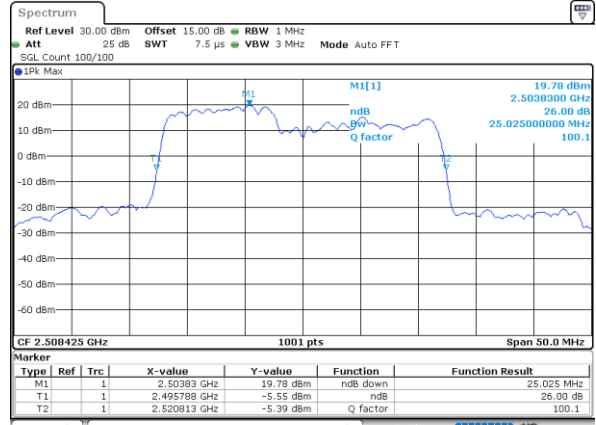
64QAM

Lowest Channel / 5MHz+20MHz



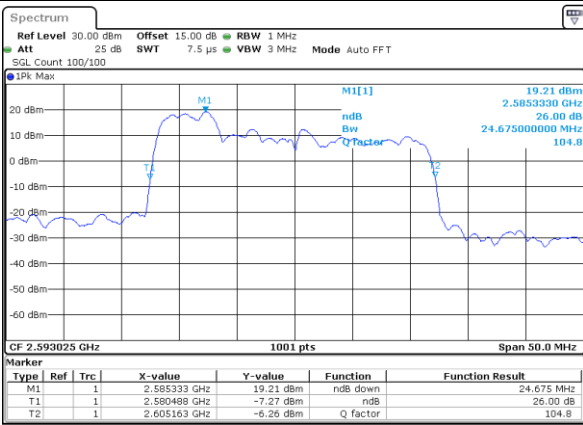
Date: 16.AUG.2020 23:29:54

Lowest Channel / 10MHz+15MHz



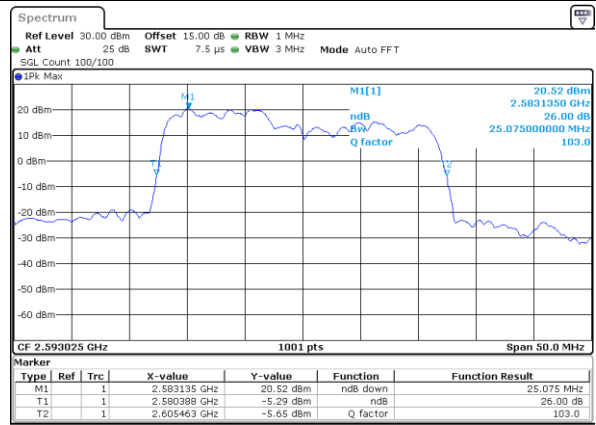
Date: 17.AUG.2020 00:00:27

Middle Channel / 5MHz+20MHz



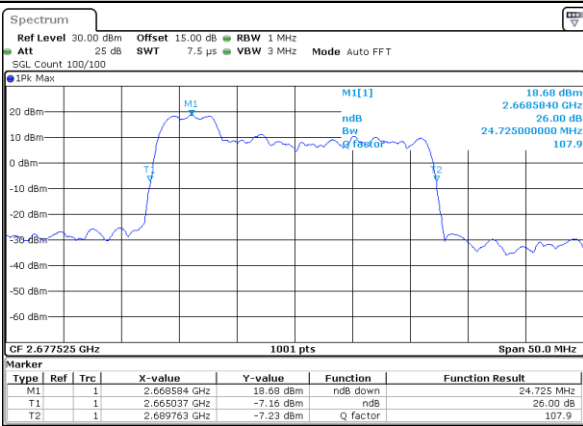
Date: 16.AUG.2020 23:33:04

Middle Channel / 10MHz+15MHz



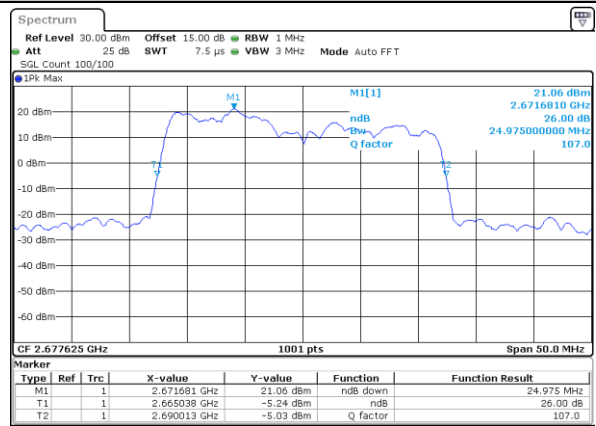
Date: 17.AUG.2020 00:03:36

Highest Channel / 5MHz+20MHz



Date: 16.AUG.2020 23:37:17

Highest Channel / 10MHz+15MHz



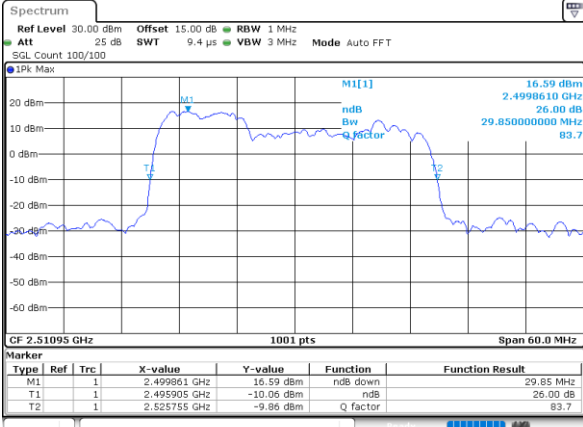
Date: 17.AUG.2020 00:07:48



LTE Band 41C

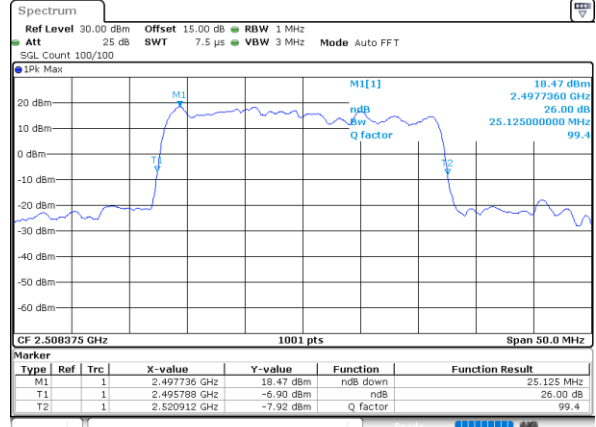
64QAM

Lowest Channel / 10MHz+20MHz



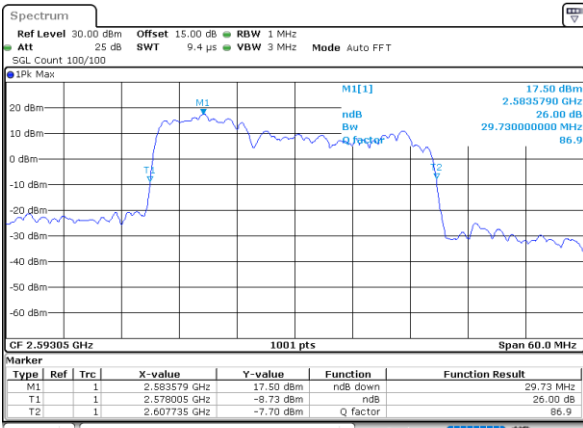
Date: 17_AUG.2020 00:45:13

Lowest Channel / 15MHz+10MHz



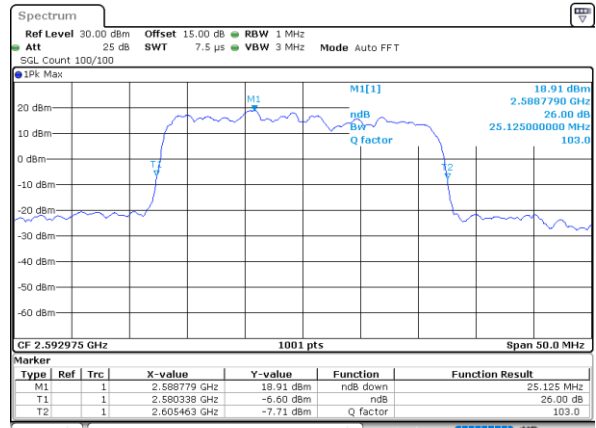
Date: 17_AUG.2020 00:13:11

Middle Channel / 10MHz+20MHz



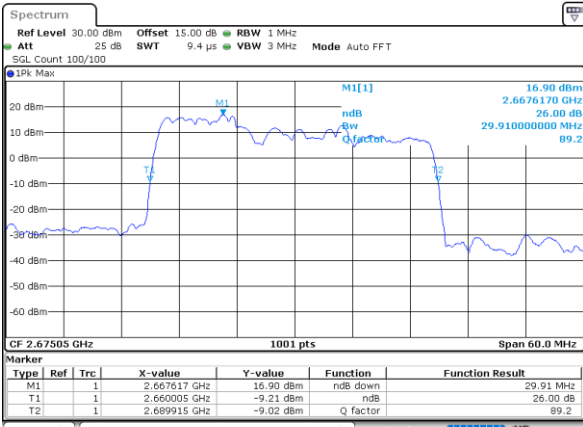
Date: 17_AUG.2020 00:48:22

Middle Channel / 15MHz+10MHz



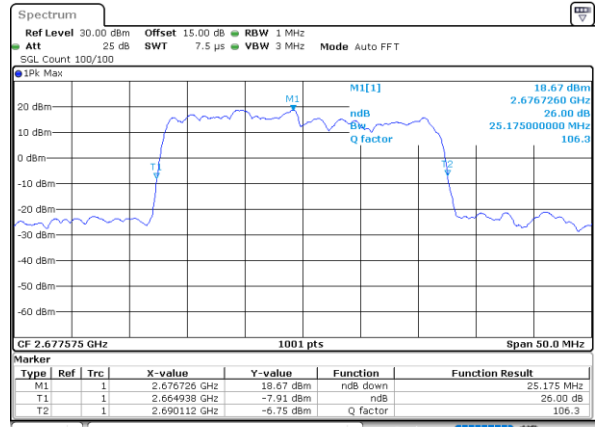
Date: 17_AUG.2020 00:13:21

Highest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:52:34

Highest Channel / 15MHz+10MHz



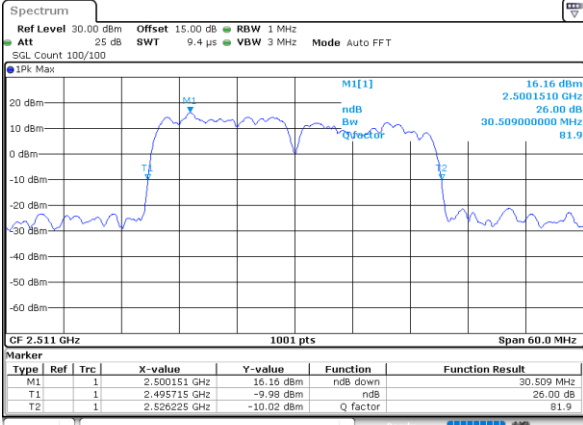
Date: 17_AUG.2020 00:13:33



LTE Band 41C

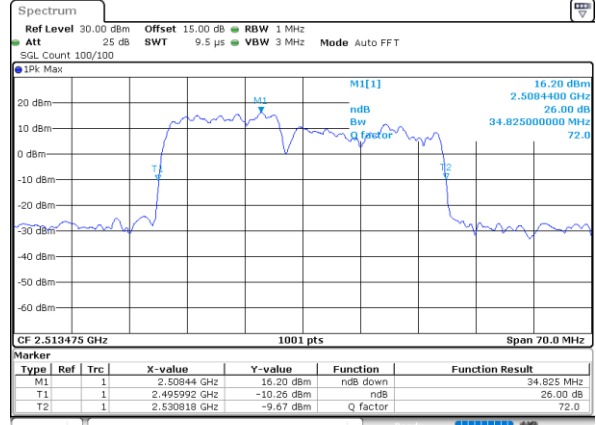
64QAM

Lowest Channel / 15MHz+15MHz



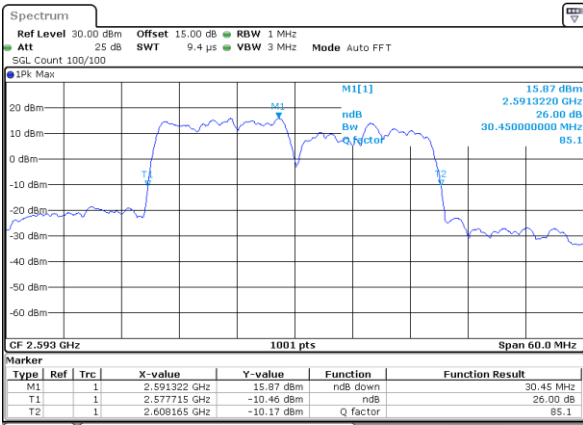
Date: 17_AUG.2020 01:10:12

Lowest Channel / 15MHz+20MHz



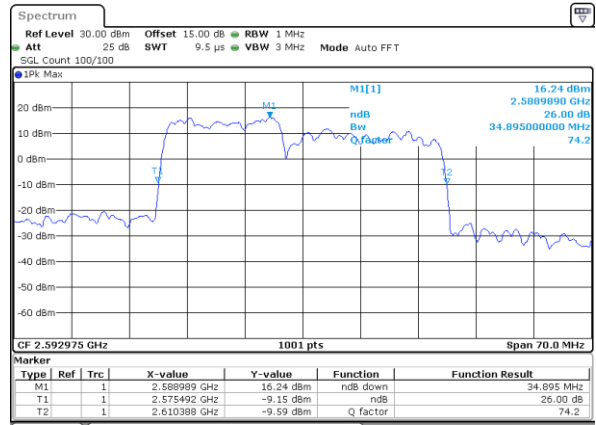
Date: 17_AUG.2020 01:24:01

Middle Channel / 15MHz+15MHz



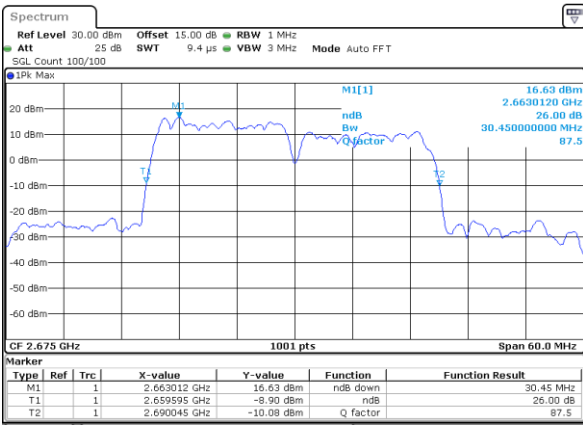
Date: 17_AUG.2020 01:13:21

Middle Channel / 15MHz+20MHz



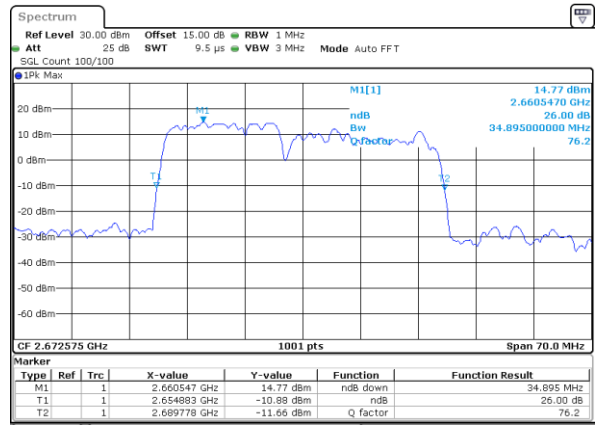
Date: 17_AUG.2020 01:27:11

Highest Channel / 15MHz+15MHz



Date: 17_AUG.2020 01:17:35

Highest Channel / 15MHz+20MHz



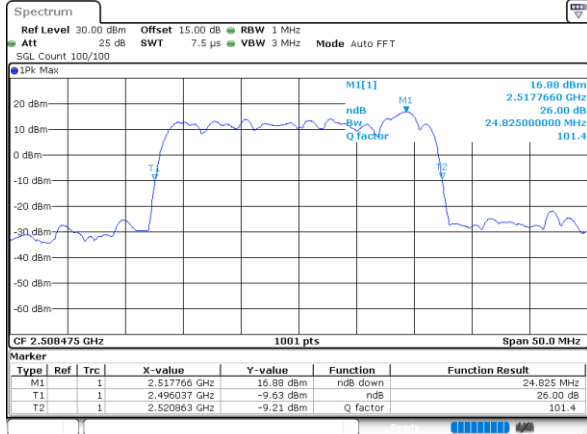
Date: 17_AUG.2020 01:31:23



LTE Band 41C

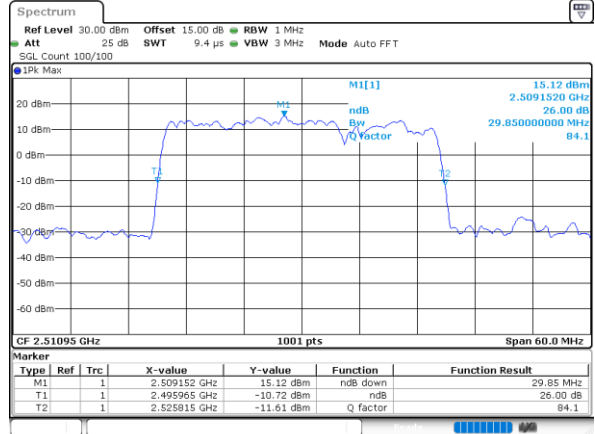
64QAM

Lowest Channel / 20MHz+5MHz



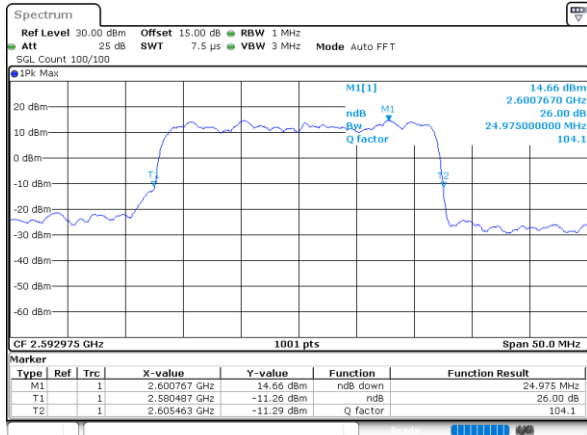
Date: 16.AUG.2020 23:53:55

Lowest Channel / 20MHz+10MHz



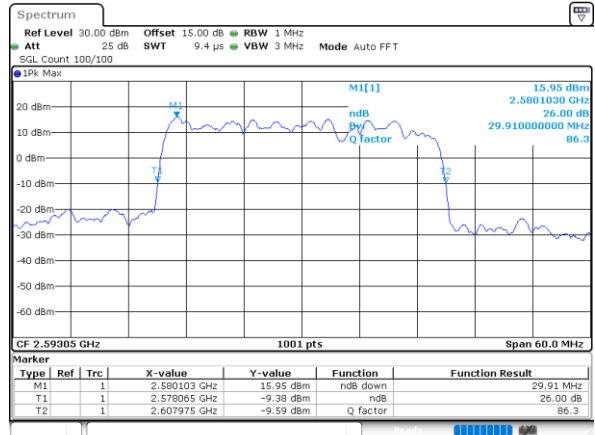
Date: 17.AUG.2020 00:59:09

Middle Channel / 20MHz+5MHz



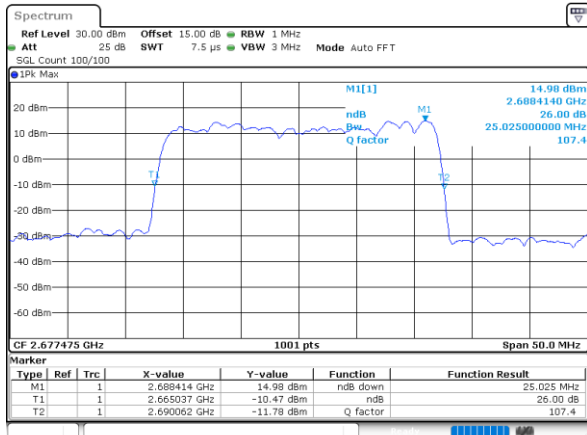
Date: 16.AUG.2020 23:54:53

Middle Channel / 20MHz+10MHz



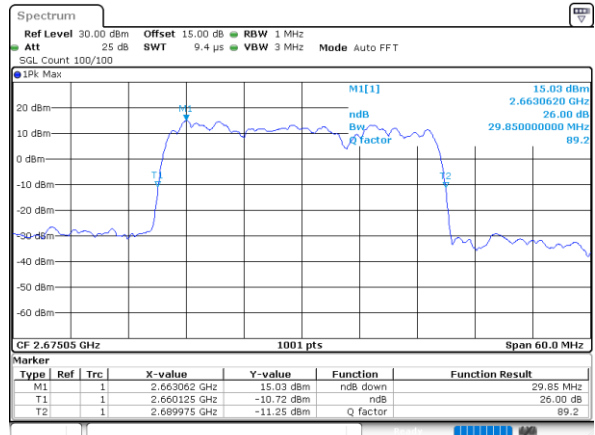
Date: 17.AUG.2020 01:02:18

Highest Channel / 20MHz+5MHz



Date: 16.AUG.2020 23:57:54

Highest Channel / 20MHz+10MHz



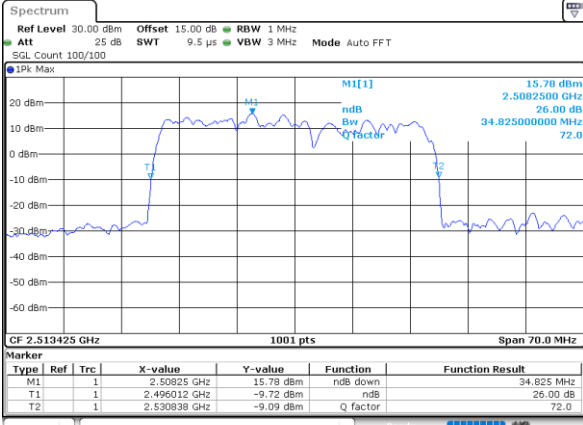
Date: 17.AUG.2020 01:06:32



LTE Band 41C

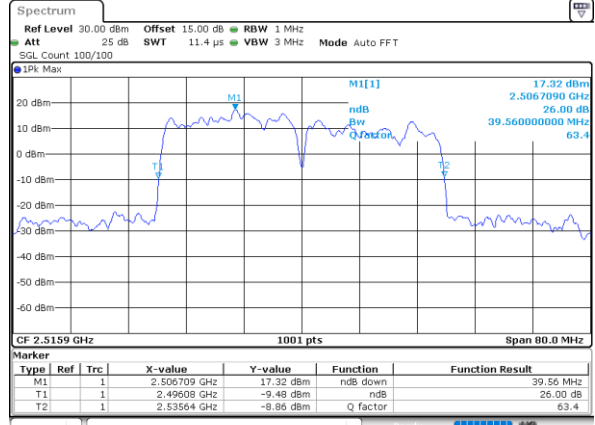
64QAM

Lowest Channel / 20MHz+15MHz



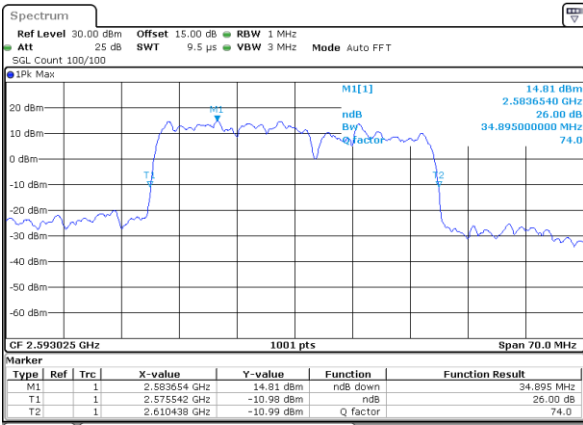
Date: 17_AUG.2020 01:13:20

Lowest Channel / 20MHz+20MHz



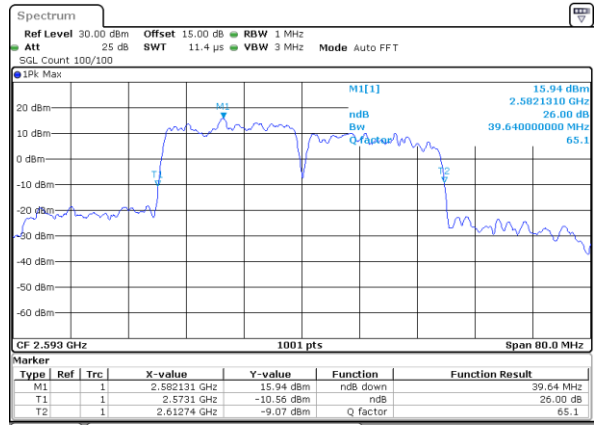
Date: 17_AUG.2020 01:14:01

Middle Channel / 20MHz+15MHz



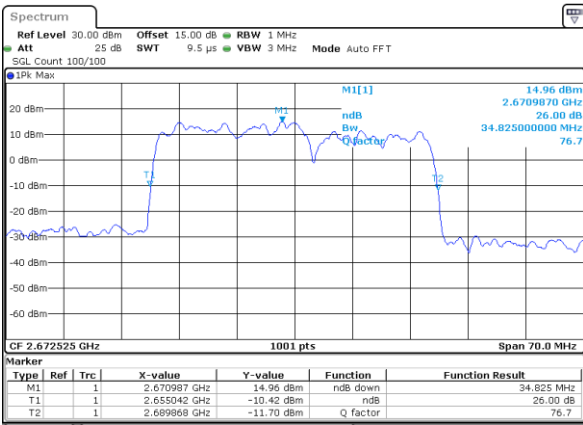
Date: 17_AUG.2020 01:37:29

Middle Channel / 20MHz+20MHz



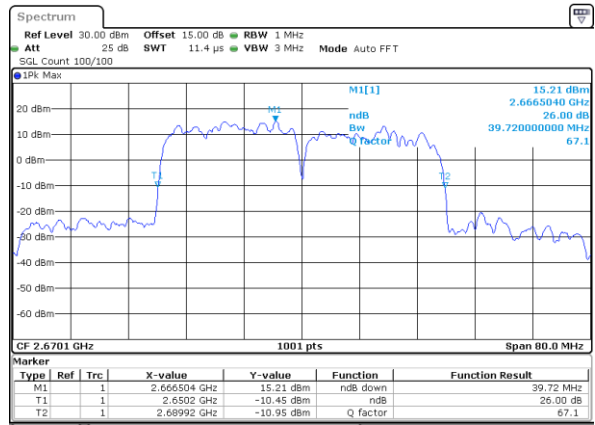
Date: 17_AUG.2020 01:47:11

Highest Channel / 20MHz+15MHz



Date: 17_AUG.2020 01:41:43

Highest Channel / 20MHz+20MHz



Date: 17_AUG.2020 01:51:24



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.08	23.18	27.93	23.38	28.47
Middle CH	23.03	23.38	27.99	23.48	28.59
Highest CH	23.28	23.33	27.99	23.48	28.29
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.52	23.33	27.81	32.52	36.60
Middle CH	32.80	23.18	28.05	32.66	37.48
Highest CH	32.80	23.13	28.05	32.80	36.84

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	27.87	23.43	28.77
Middle CH	22.93	22.93	27.93	23.43	28.35
Highest CH	22.73	23.48	27.87	23.33	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.24	23.23	27.63	32.59	37.40
Middle CH	32.73	23.33	27.99	32.73	37.80
Highest CH	32.52	23.18	27.87	32.73	37.72

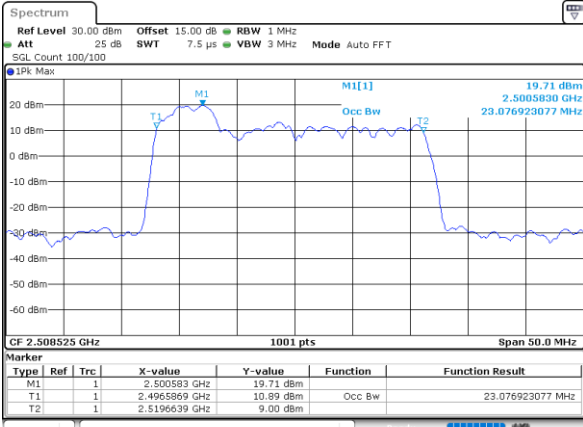
Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.33	23.33	27.99	23.28	28.77
Middle CH	22.88	23.43	28.23	23.23	28.59
Highest CH	23.43	23.48	27.81	23.18	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	22.93	27.93	32.52	37.08
Middle CH	32.38	23.28	28.05	32.73	37.56
Highest CH	32.45	23.18	27.87	32.59	37.40



LTE Band 41C

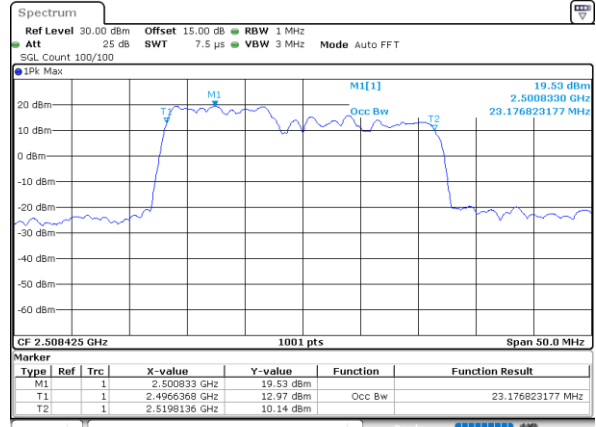
QPSK

Lowest Channel / 5MHz+20MHz



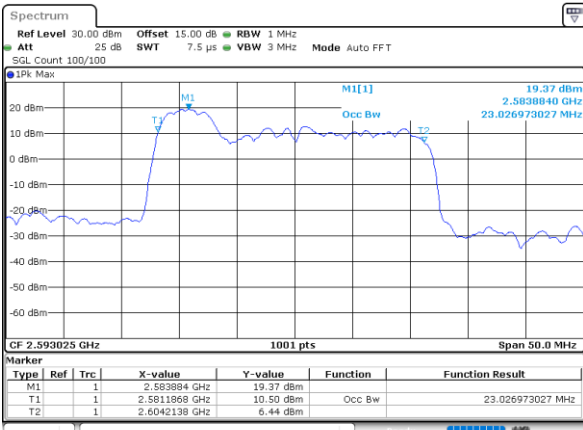
Date: 16_AUG.2020 23:28:20

Lowest Channel / 10MHz+15MHz



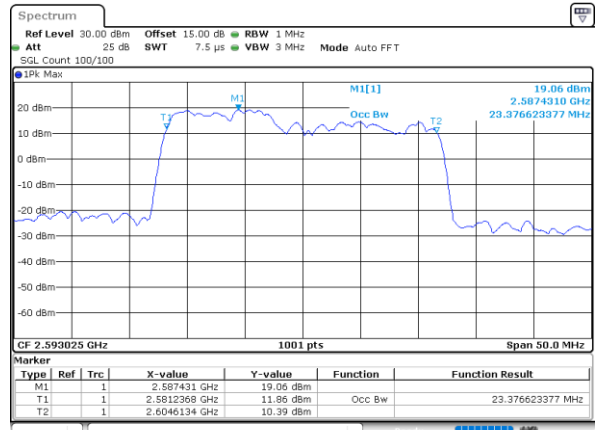
Date: 16_AUG.2020 23:58:52

Middle Channel / 5MHz+20MHz



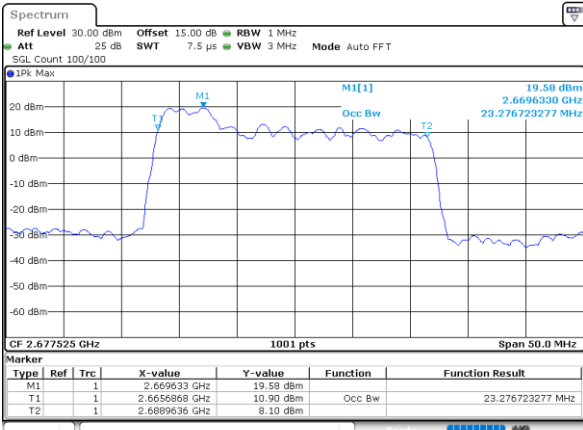
Date: 16_AUG.2020 23:31:29

Middle Channel / 10MHz+15MHz



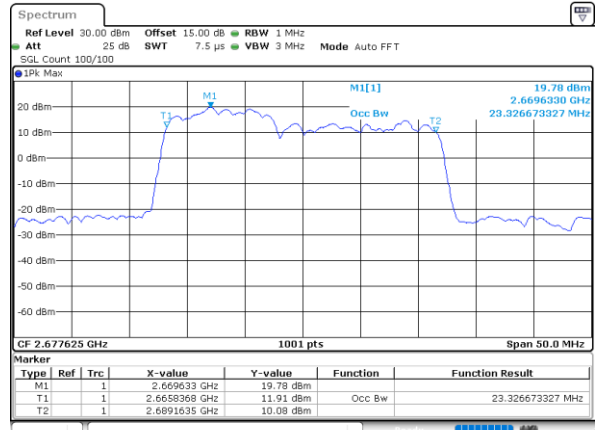
Date: 17_AUG.2020 00:02:01

Highest Channel / 5MHz+20MHz



Date: 16_AUG.2020 23:35:42

Highest Channel / 10MHz+15MHz



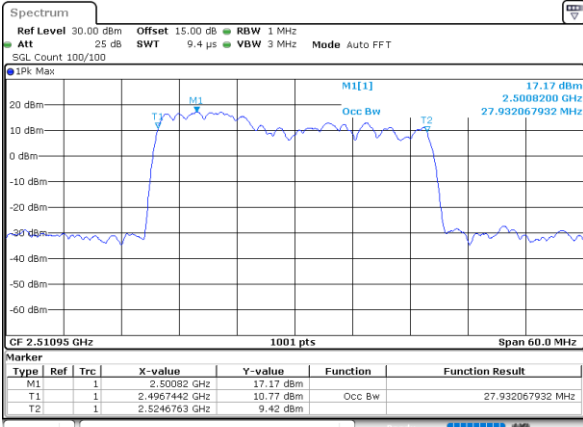
Date: 17_AUG.2020 00:06:13



LTE Band 41C

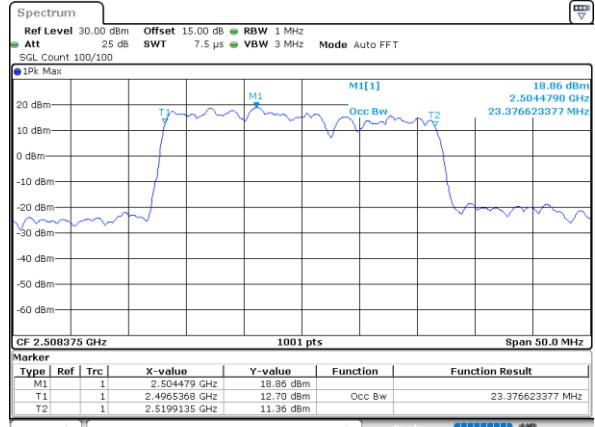
QPSK

Lowest Channel / 10MHz+20MHz



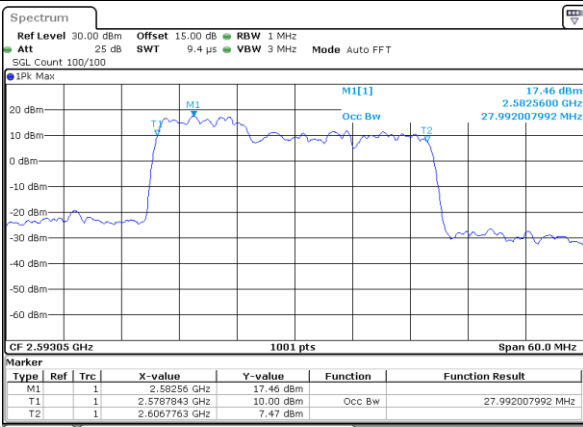
Date: 17_AUG.2020 00:43:38

Lowest Channel / 15MHz+10MHz



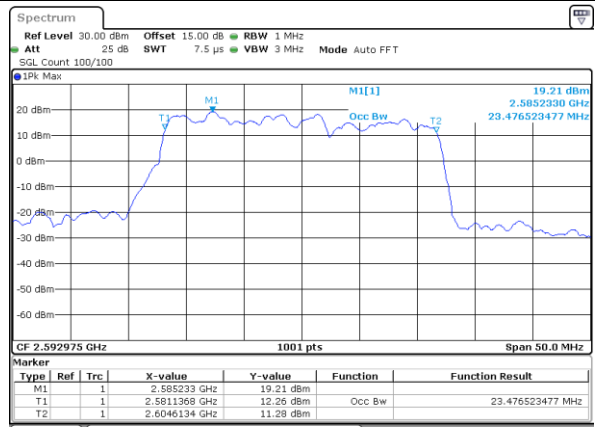
Date: 17_AUG.2020 00:28:36

Middle Channel / 10MHz+20MHz



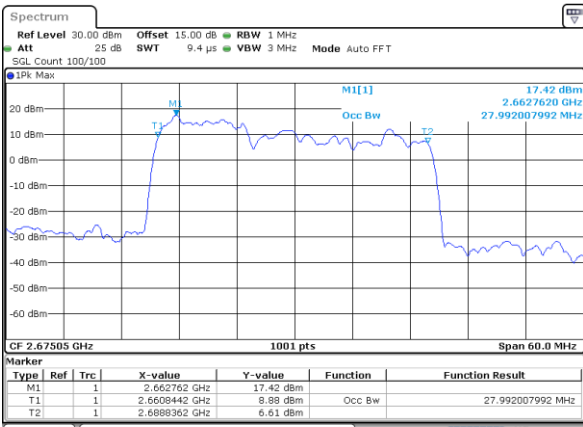
Date: 17_AUG.2020 00:46:47

Middle Channel / 15MHz+10MHz



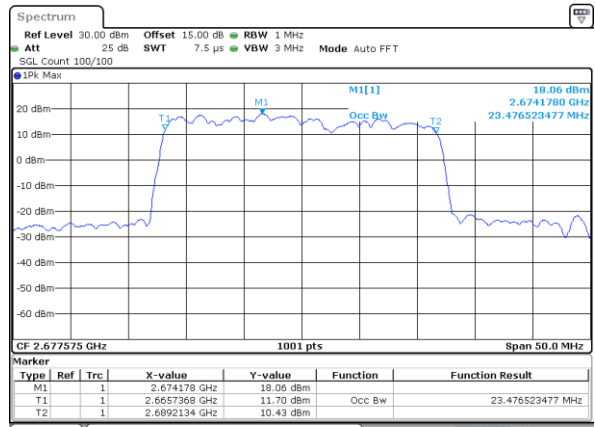
Date: 17_AUG.2020 00:31:46

Highest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:51:00

Highest Channel / 15MHz+10MHz



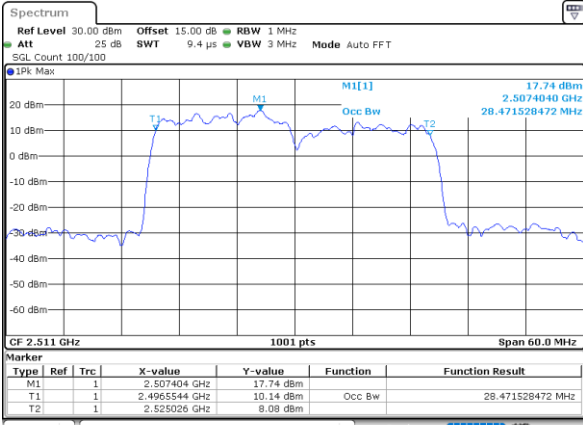
Date: 17_AUG.2020 00:35:59



LTE Band 41C

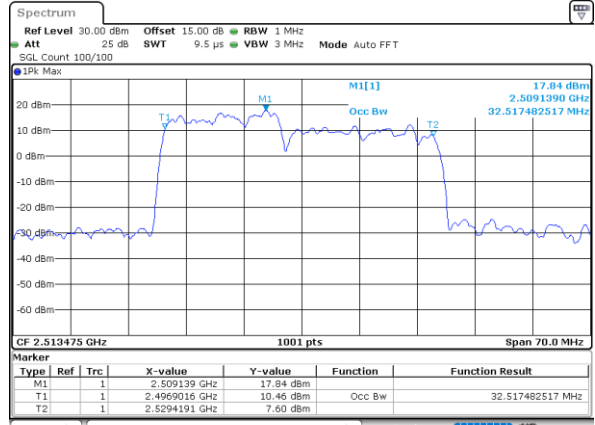
QPSK

Lowest Channel / 15MHz+15MHz



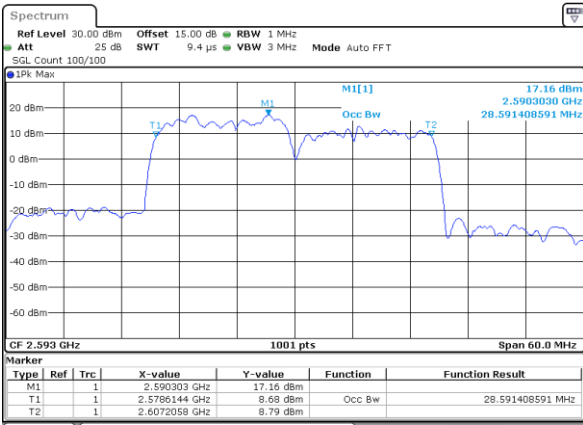
Date: 17_AUG.2020 01:08:37

Lowest Channel / 15MHz+20MHz



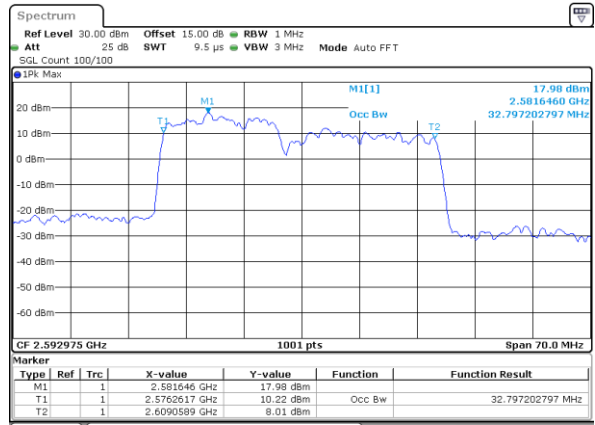
Date: 17_AUG.2020 01:22:27

Middle Channel / 15MHz+15MHz



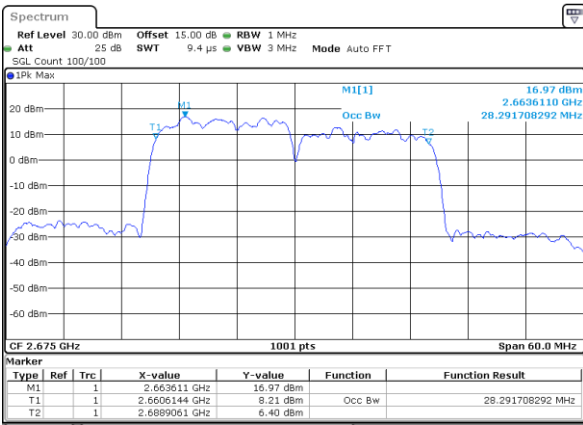
Date: 17_AUG.2020 01:11:47

Middle Channel / 15MHz+20MHz



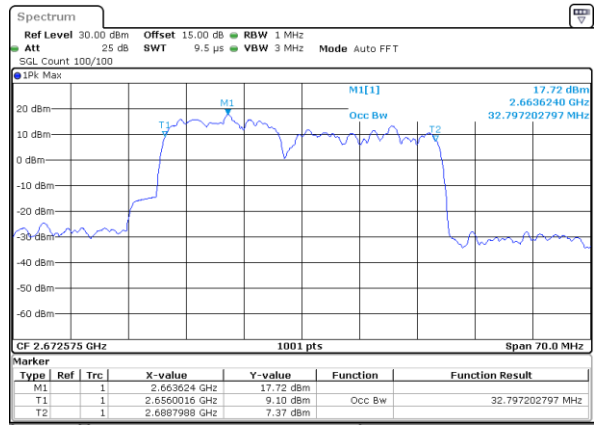
Date: 17_AUG.2020 01:25:36

Highest Channel / 15MHz+15MHz



Date: 17_AUG.2020 01:16:00

Highest Channel / 15MHz+20MHz



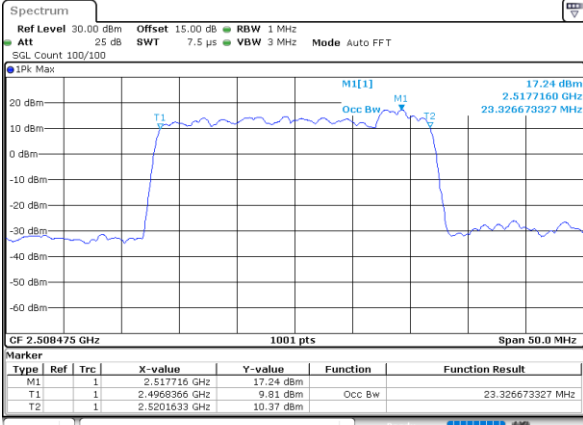
Date: 17_AUG.2020 01:29:49



LTE Band 41C

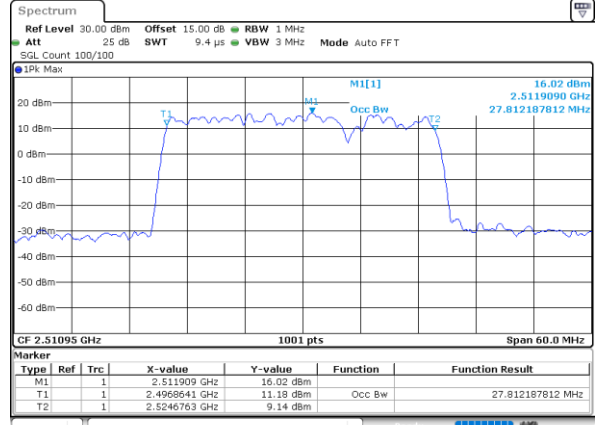
QPSK

Lowest Channel / 20MHz+5MHz



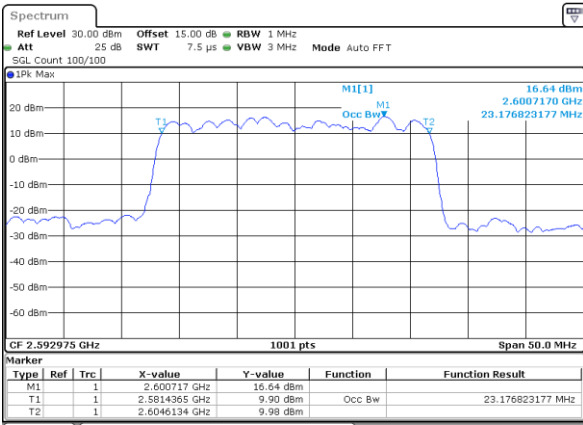
Date: 16.AUG.2020 23:52:52

Lowest Channel / 20MHz+10MHz



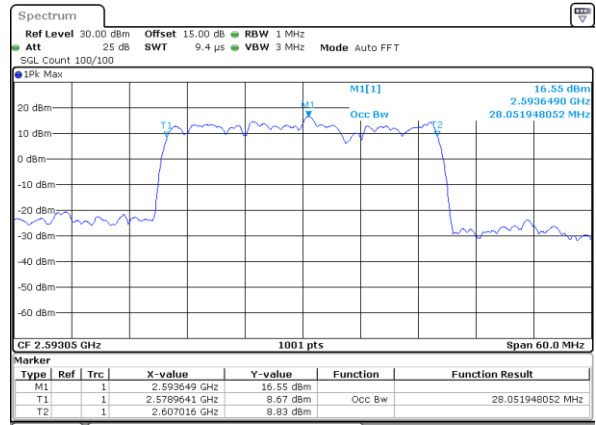
Date: 17.AUG.2020 00:57:34

Middle Channel / 20MHz+5MHz



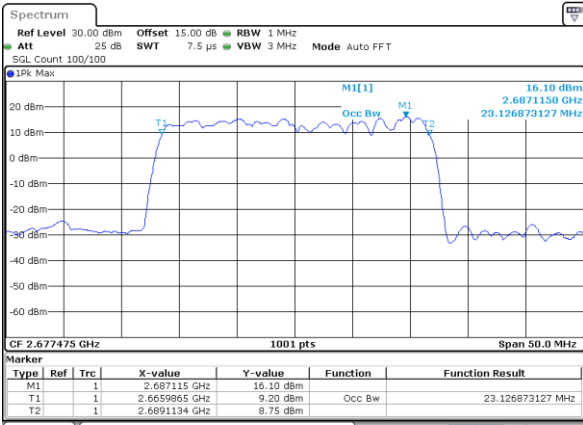
Date: 16.AUG.2020 23:56:08

Middle Channel / 20MHz+10MHz



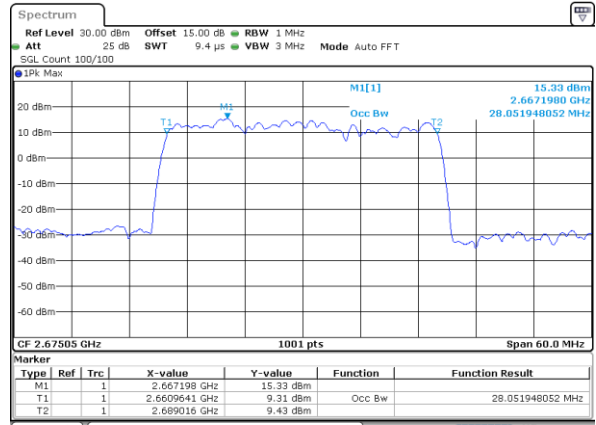
Date: 17.AUG.2020 01:00:44

Highest Channel / 20MHz+5MHz



Date: 16.AUG.2020 23:56:54

Highest Channel / 20MHz+10MHz



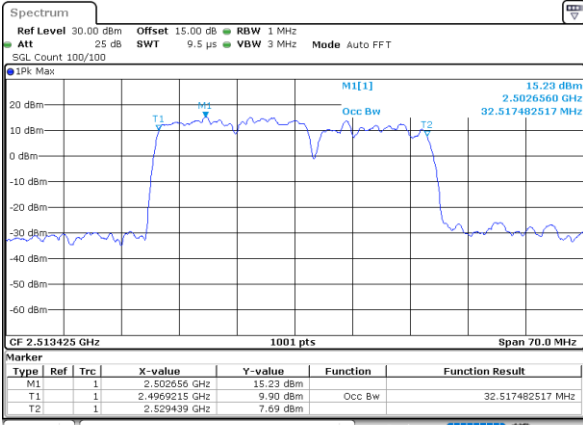
Date: 17.AUG.2020 01:04:57



LTE Band 41C

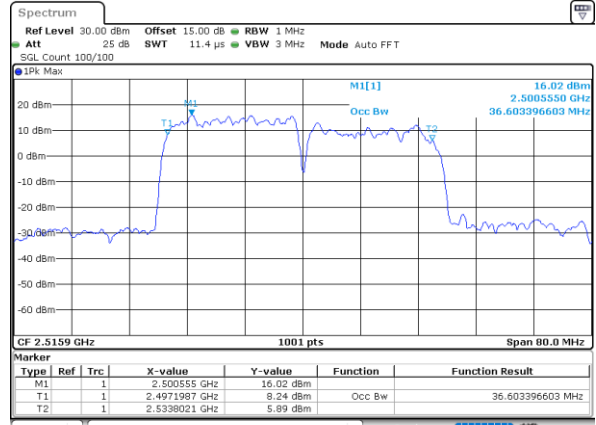
QPSK

Lowest Channel / 20MHz+15MHz



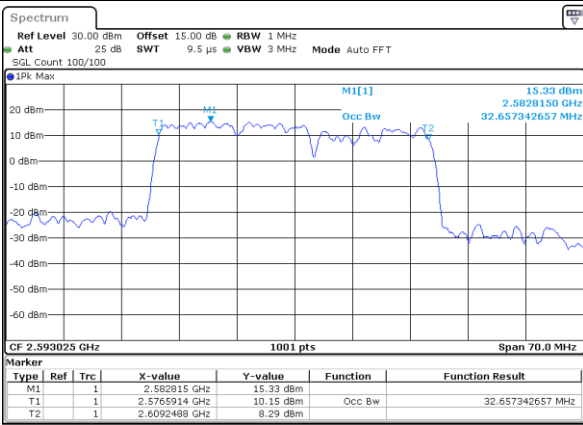
Date: 17_AUG.2020 01:32:46

Lowest Channel / 20MHz+20MHz



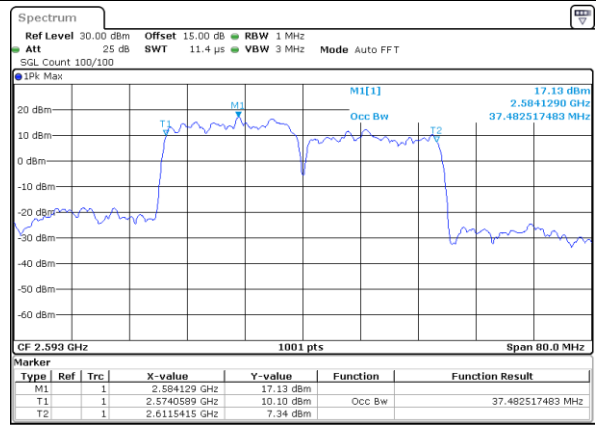
Date: 17_AUG.2020 01:42:27

Middle Channel / 20MHz+15MHz



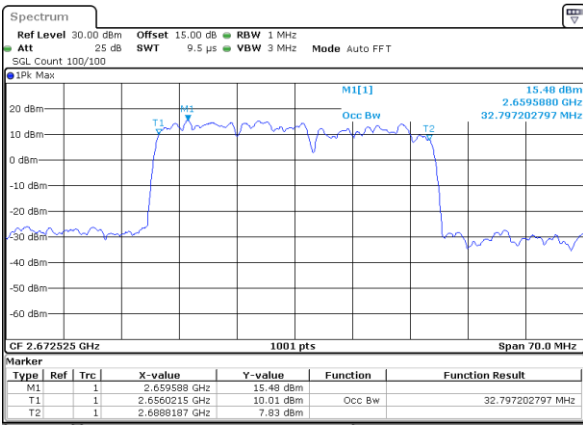
Date: 17_AUG.2020 01:35:55

Middle Channel / 20MHz+20MHz



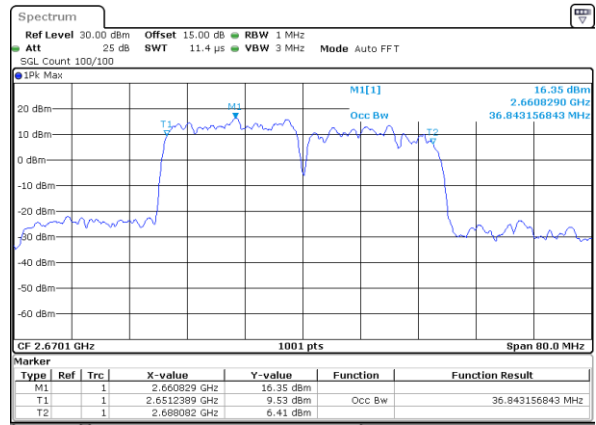
Date: 17_AUG.2020 01:45:36

Highest Channel / 20MHz+15MHz



Date: 17_AUG.2020 01:40:08

Highest Channel / 20MHz+20MHz



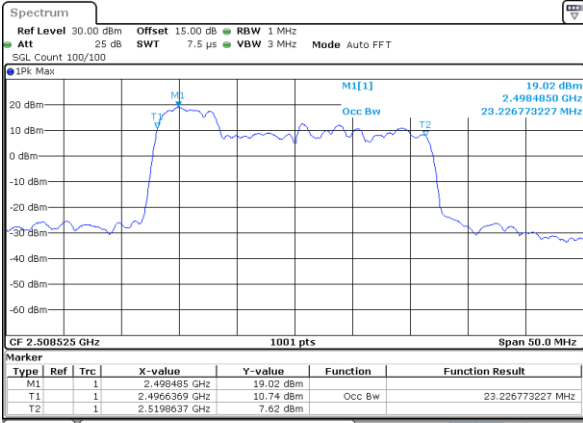
Date: 17_AUG.2020 01:49:49



LTE Band 41C

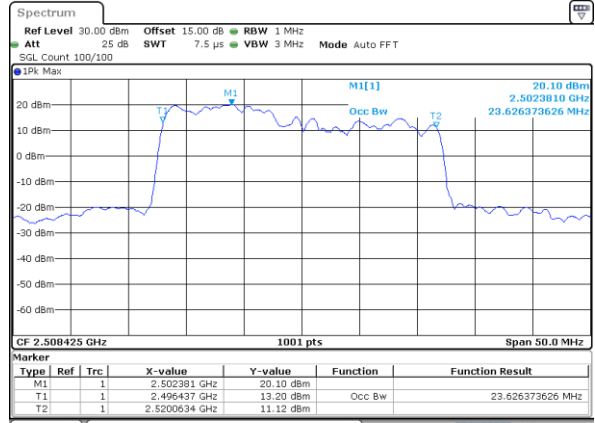
16QAM

Lowest Channel / 5MHz+20MHz



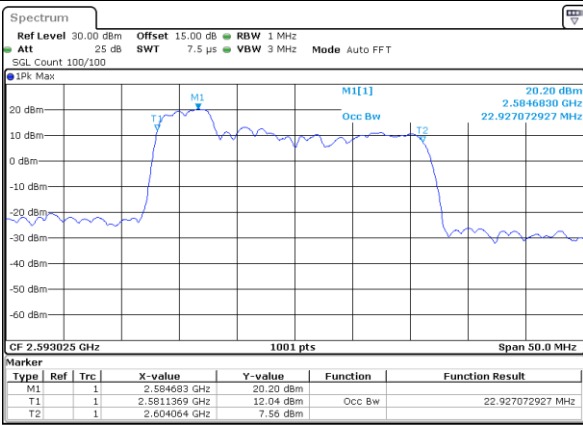
Date: 16_AUG.2020 23:28:51

Lowest Channel / 10MHz+15MHz



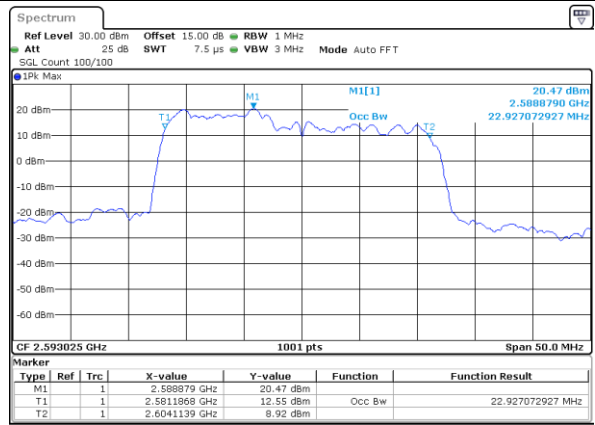
Date: 16_AUG.2020 23:59:23

Middle Channel / 5MHz+20MHz



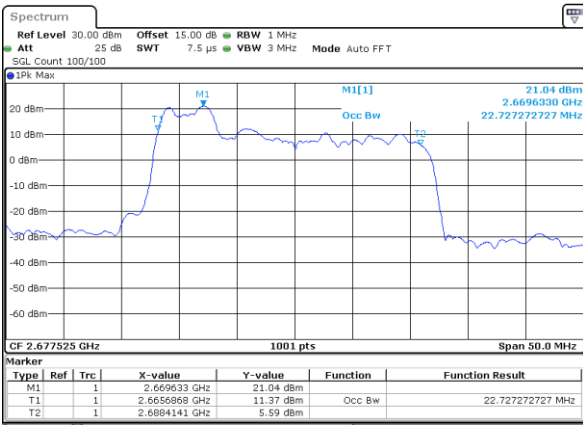
Date: 16_AUG.2020 23:32:01

Middle Channel / 10MHz+15MHz



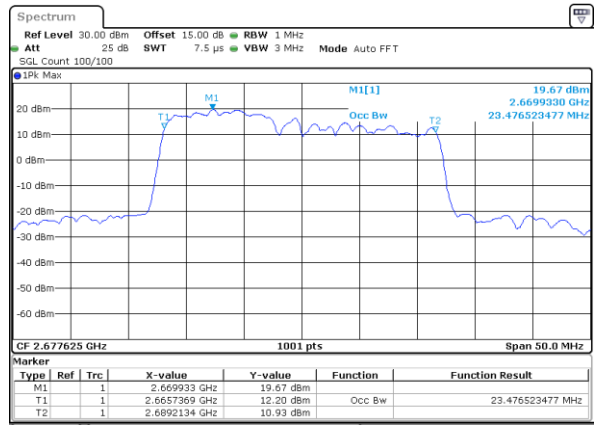
Date: 17_AUG.2020 00:02:33

Highest Channel / 5MHz+20MHz



Date: 16_AUG.2020 23:35:10

Highest Channel / 10MHz+15MHz



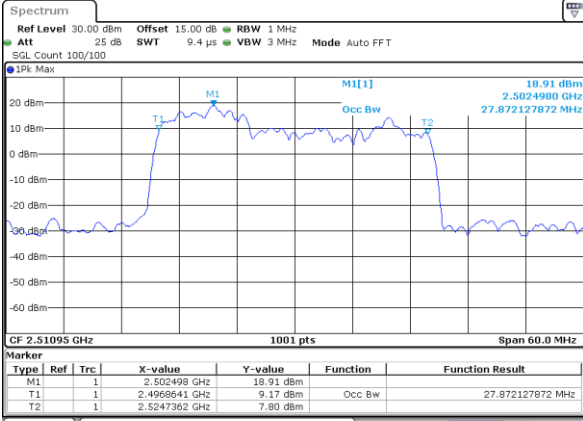
Date: 17_AUG.2020 00:05:42



LTE Band 41C

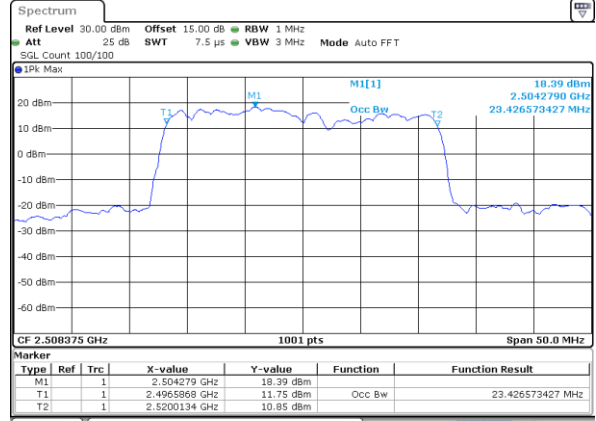
16QAM

Lowest Channel / 10MHz+20MHz



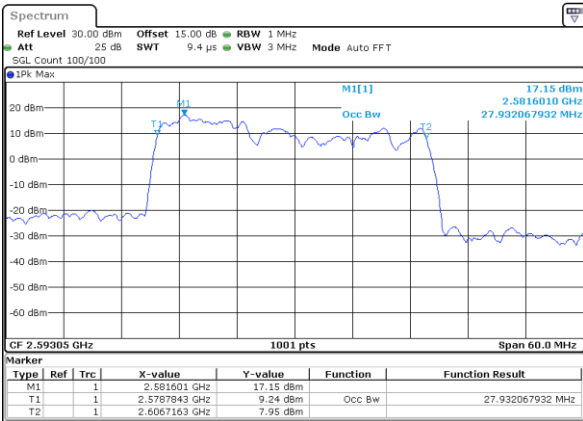
Date: 17_AUG.2020 00:44:10

Lowest Channel / 15MHz+10MHz



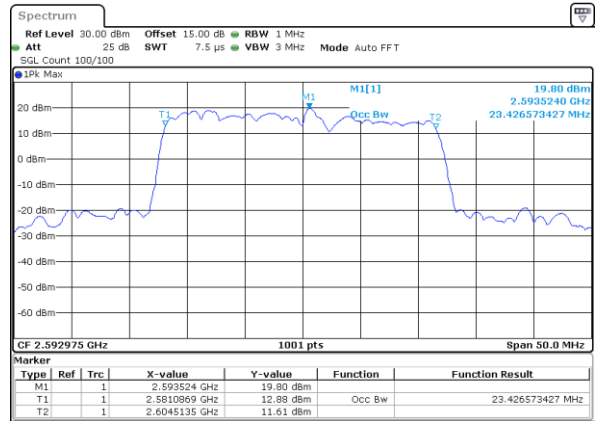
Date: 17_AUG.2020 00:12:08

Middle Channel / 10MHz+20MHz



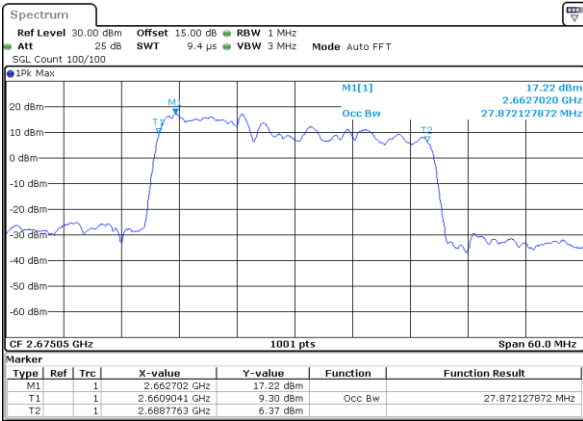
Date: 17_AUG.2020 00:47:19

Middle Channel / 15MHz+10MHz



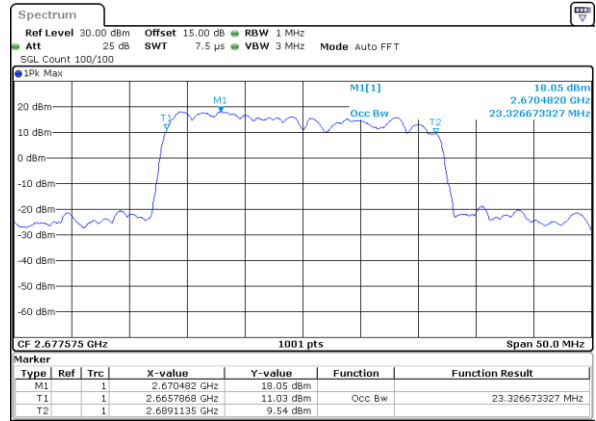
Date: 17_AUG.2020 00:13:18

Highest Channel / 10MHz+20MHz



Date: 17_AUG.2020 00:50:28

Highest Channel / 15MHz+10MHz



Date: 17_AUG.2020 00:13:27