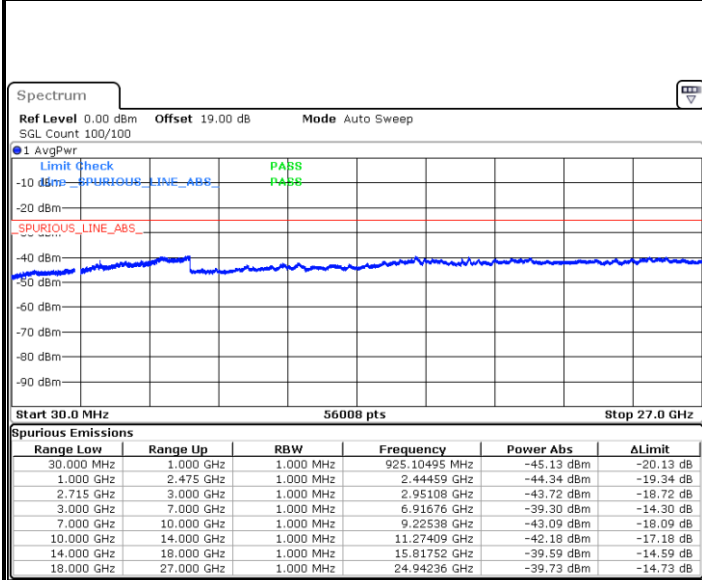




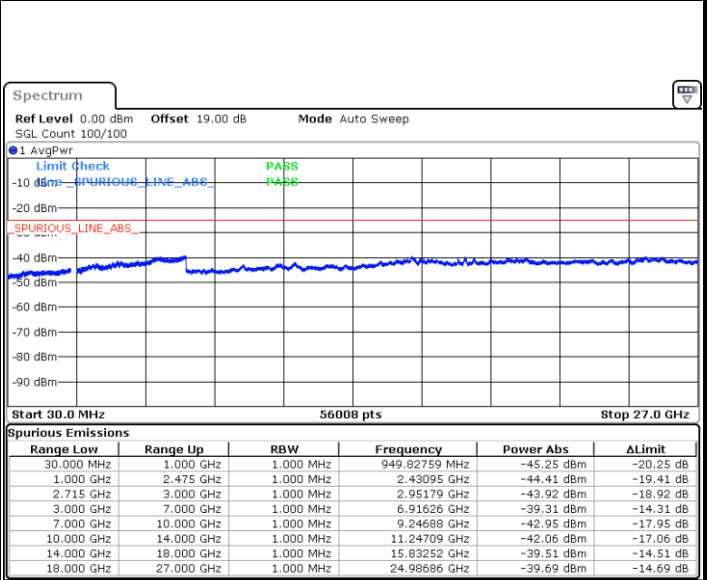
LTE Band 41 / 10MHz

Middle Channel / QPSK



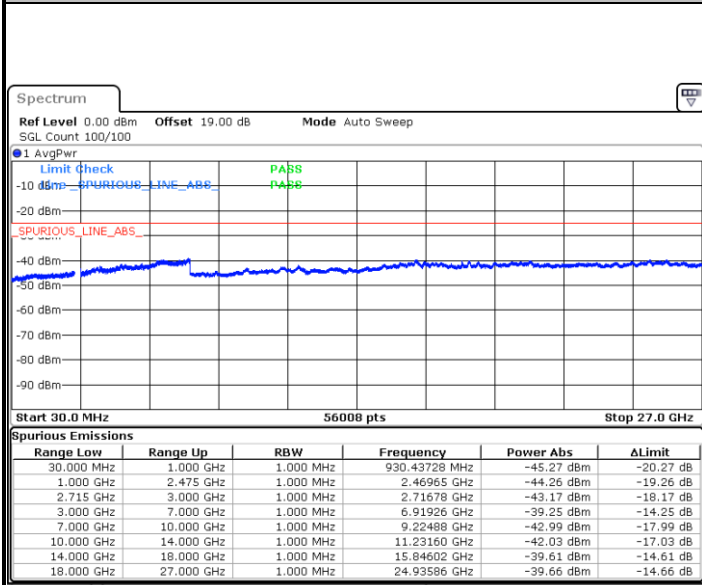
Date: 12.FEB.2021 08:05:59

Middle Channel / 16QAM



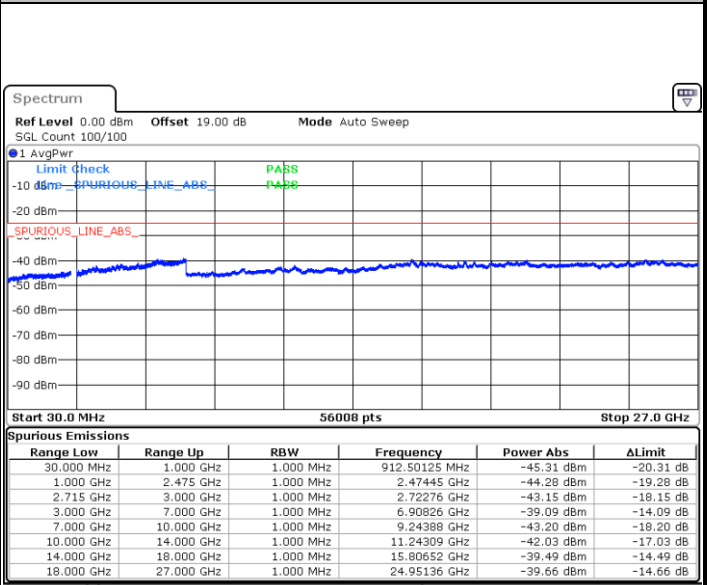
Date: 12.FEB.2021 08:06:53

Highest Channel / QPSK



Date: 12.FEB.2021 08:07:47

Highest Channel / 16QAM



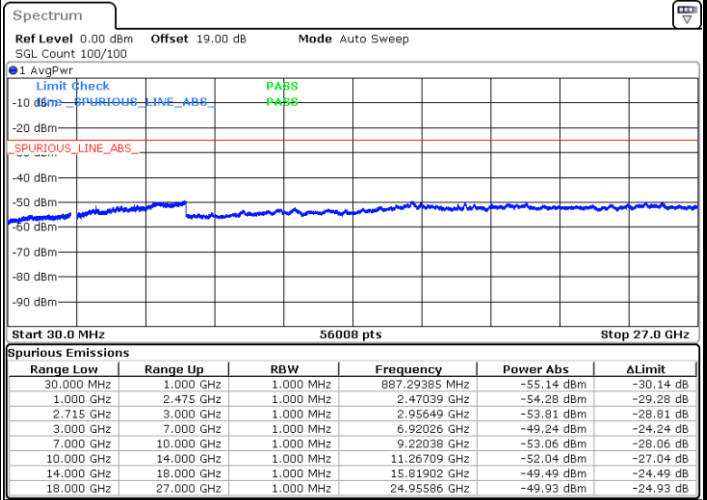
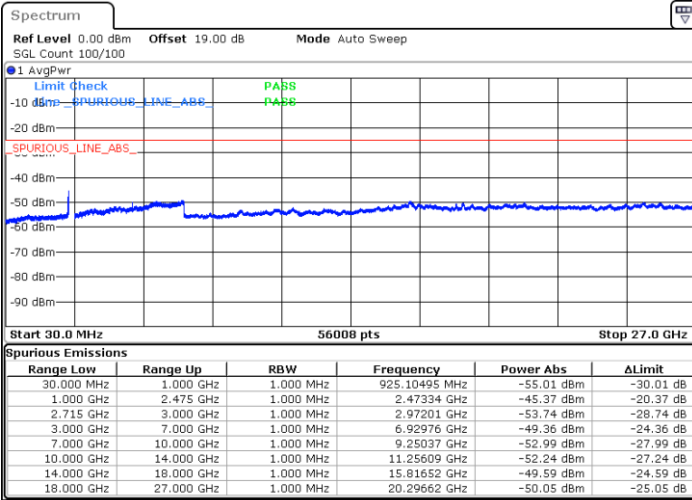
Date: 12.FEB.2021 08:08:41



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

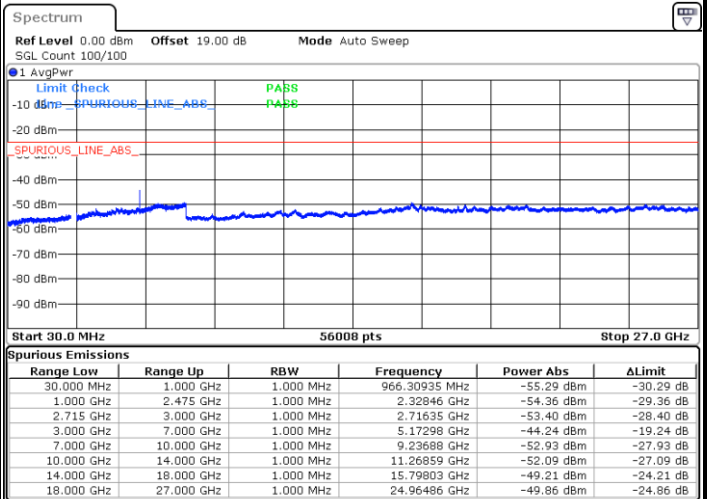
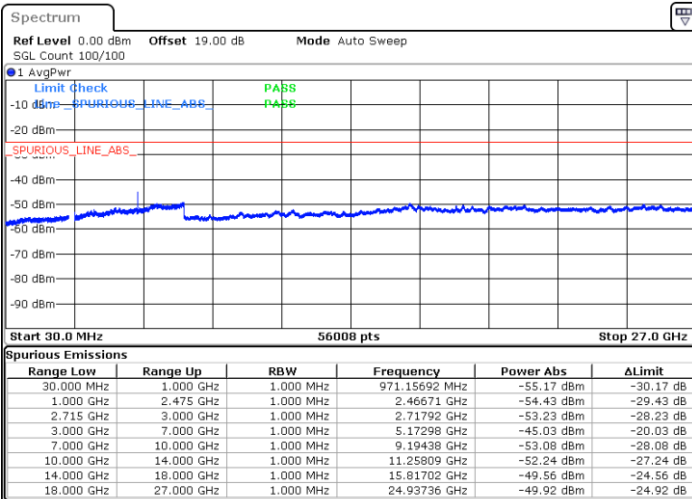


Date: 12.FEB.2021 08:09:35

Date: 12.FEB.2021 08:10:29

Middle Channel / QPSK

Middle Channel / 16QAM



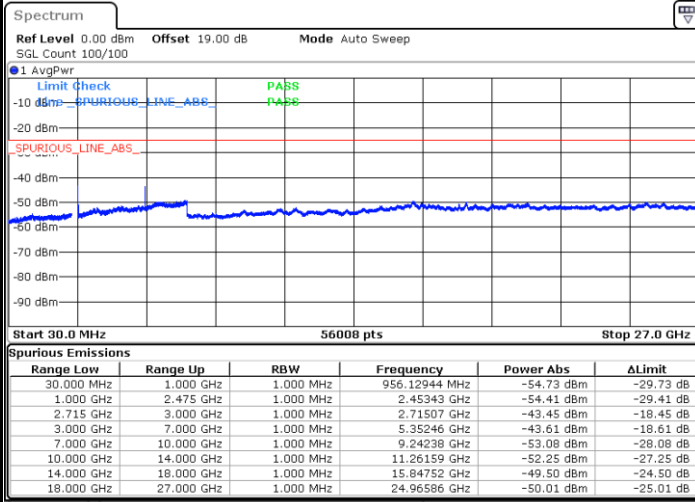
Date: 12.FEB.2021 08:11:22

Date: 12.FEB.2021 08:12:50



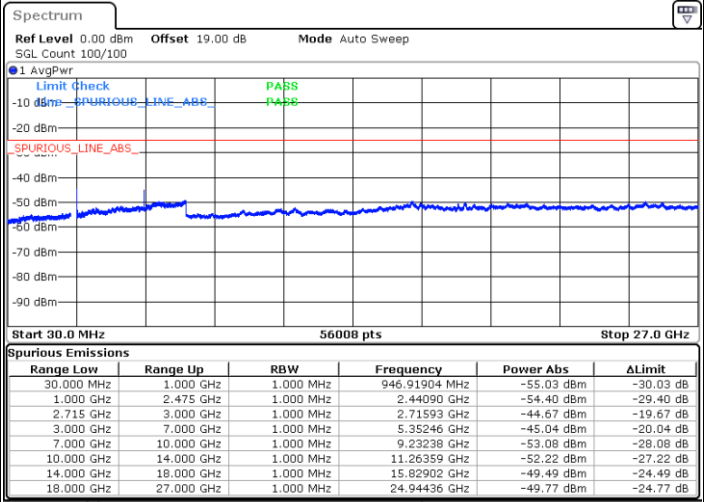
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 12.FEB.2021 08:13:44

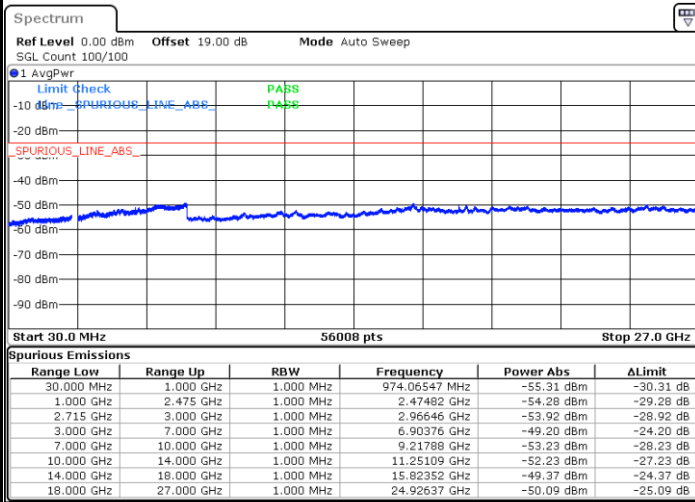
Highest Channel / 16QAM



Date: 12.FEB.2021 08:14:38

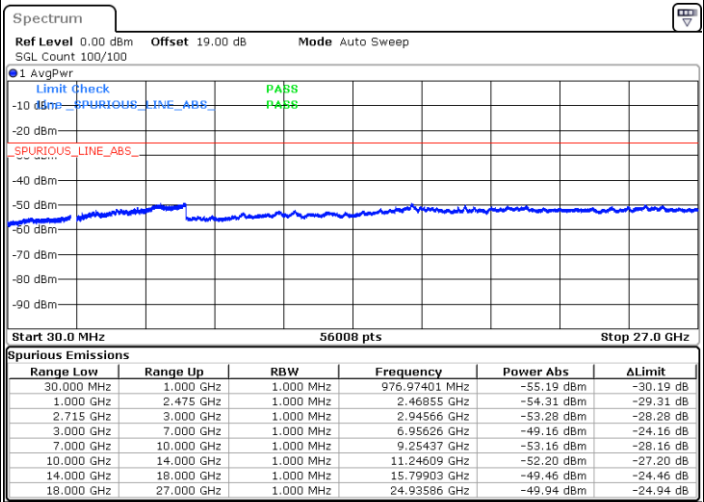
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 12.FEB.2021 08:21:31

Lowest Channel / 16QAM

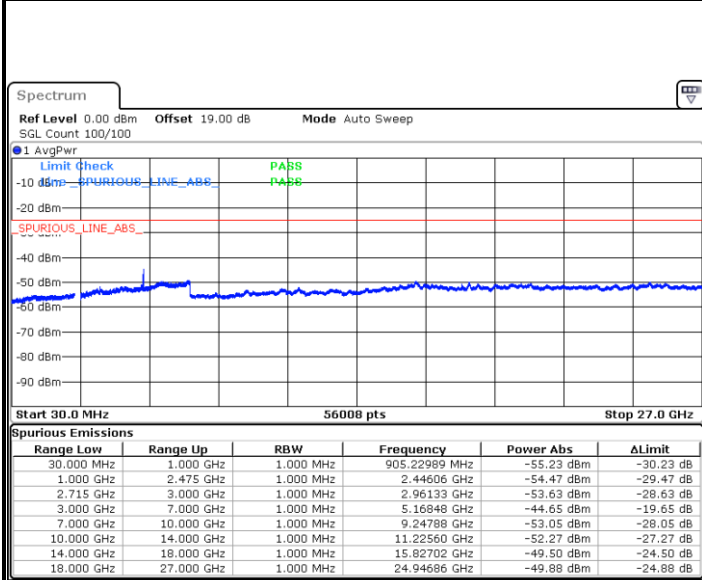


Date: 12.FEB.2021 08:22:25



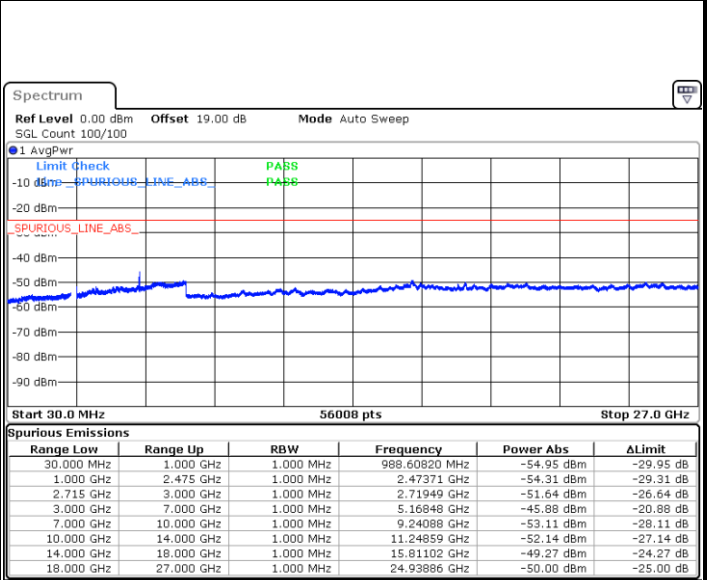
LTE Band 41 / 20MHz

Middle Channel / QPSK



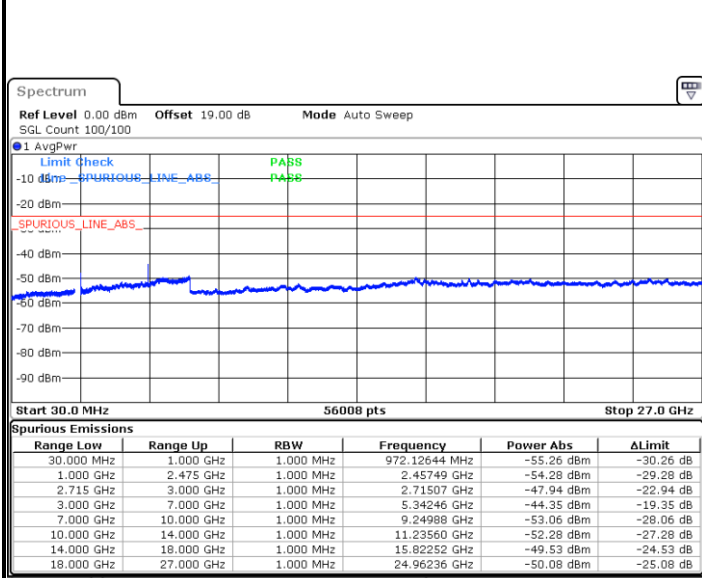
Date: 12.FEB.2021 08:23:19

Middle Channel / 16QAM



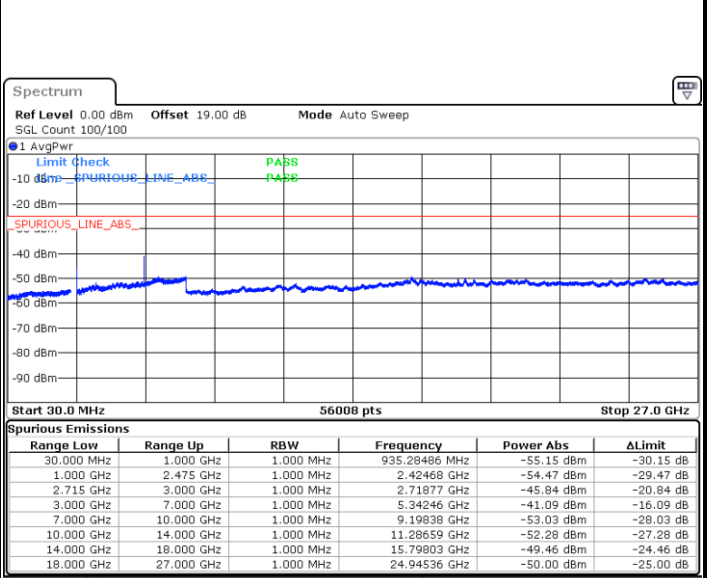
Date: 12.FEB.2021 08:24:13

Highest Channel / QPSK



Date: 12.FEB.2021 08:25:06

Highest Channel / 16QAM

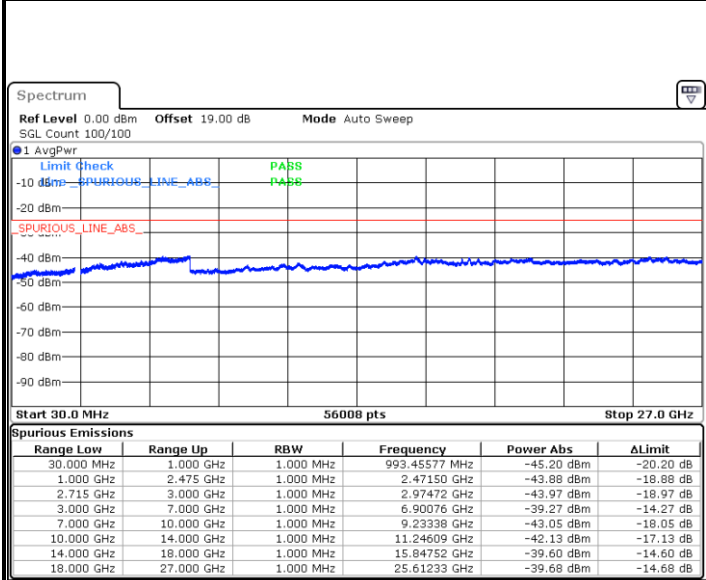


Date: 12.FEB.2021 08:27:19



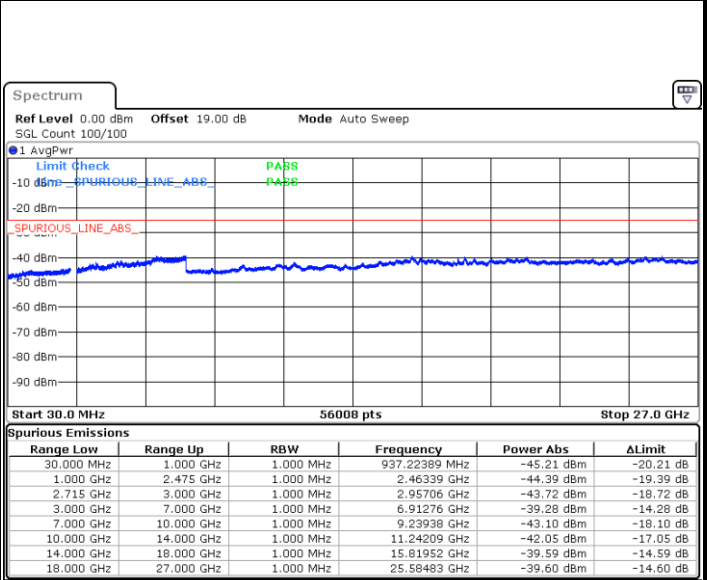
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



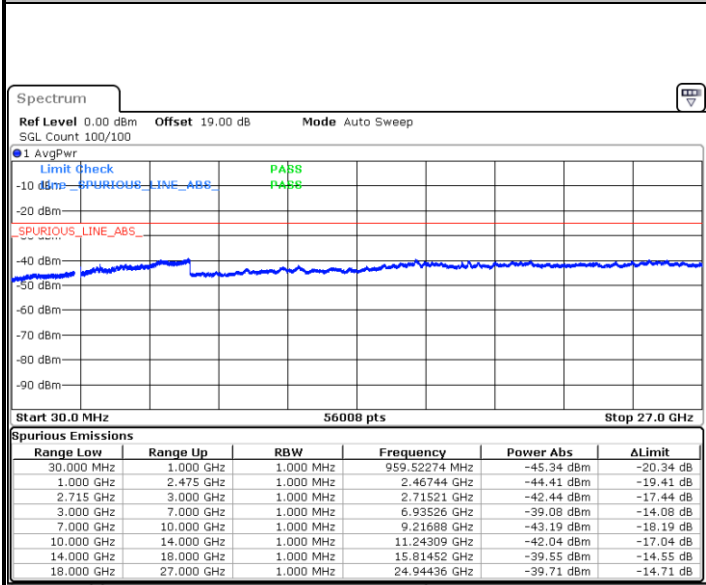
Date: 12.FEB.2021 07:53:02

Middle Channel / 64QAM



Date: 12.FEB.2021 07:54:19

Highest Channel / 64QAM



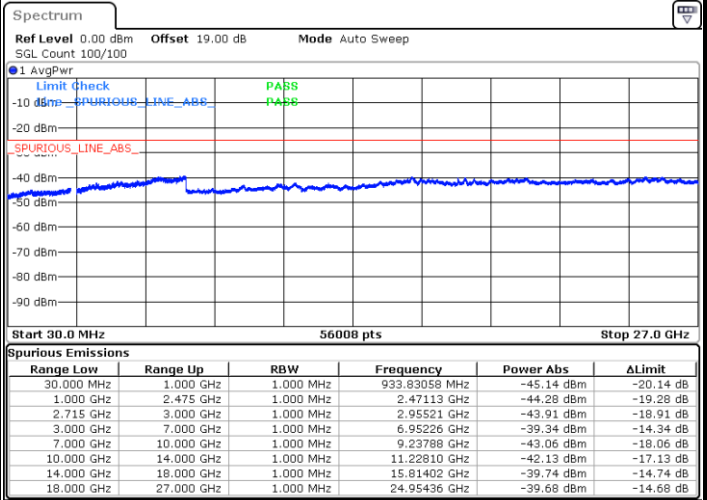
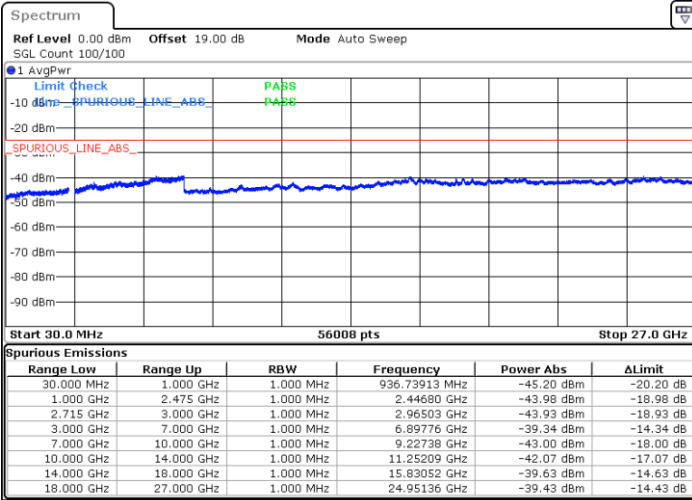
Date: 12.FEB.2021 07:55:13



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

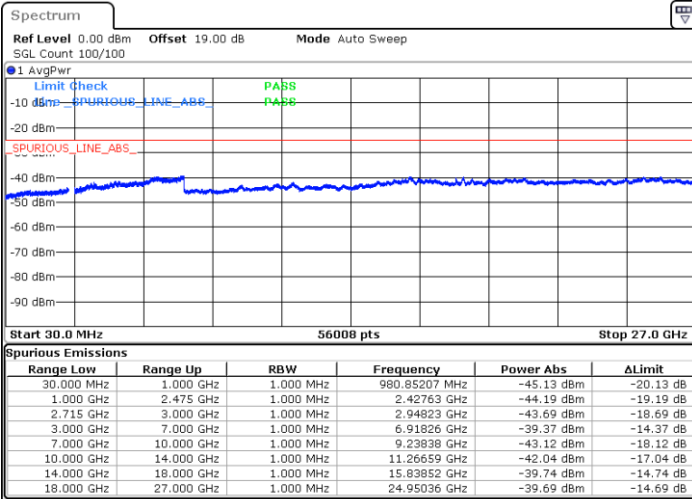
Middle Channel / 64QAM



Date: 12.FEB.2021 08:01:30

Date: 12.FEB.2021 08:02:24

Highest Channel / 64QAM



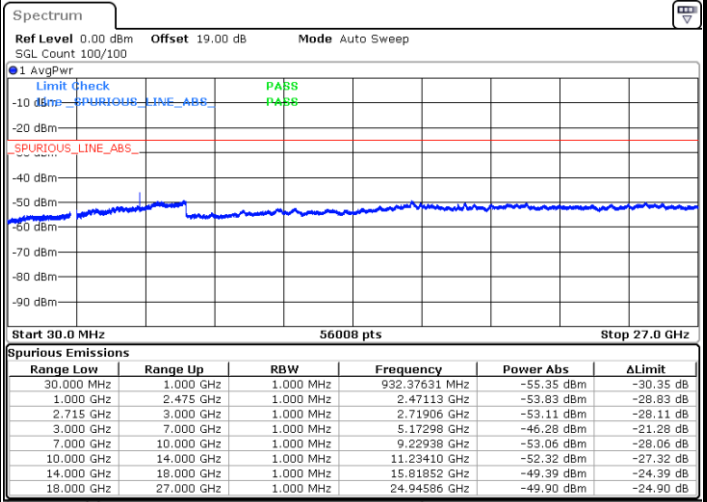
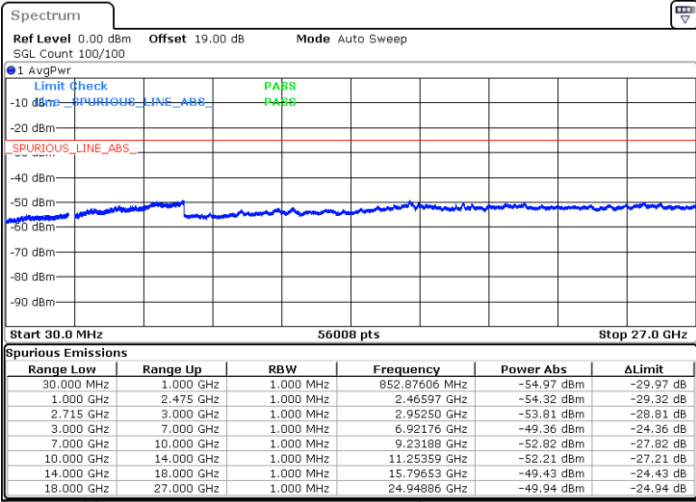
Date: 12.FEB.2021 08:03:18



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

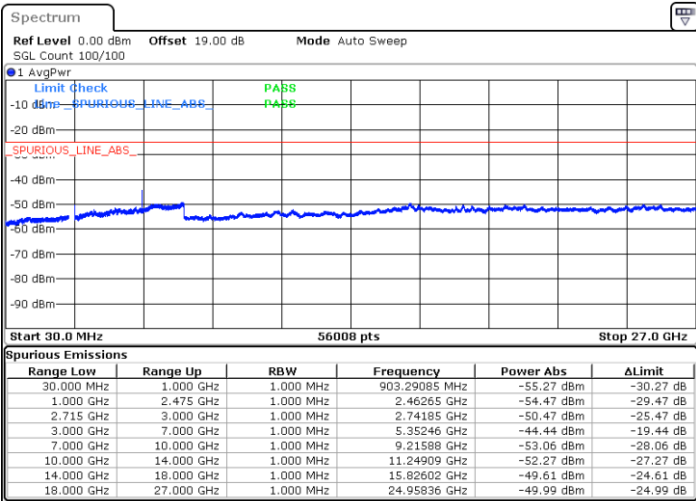
Middle Channel / 64QAM



Date: 12.FEB.2021 08:15:32

Date: 12.FEB.2021 08:16:26

Highest Channel / 64QAM



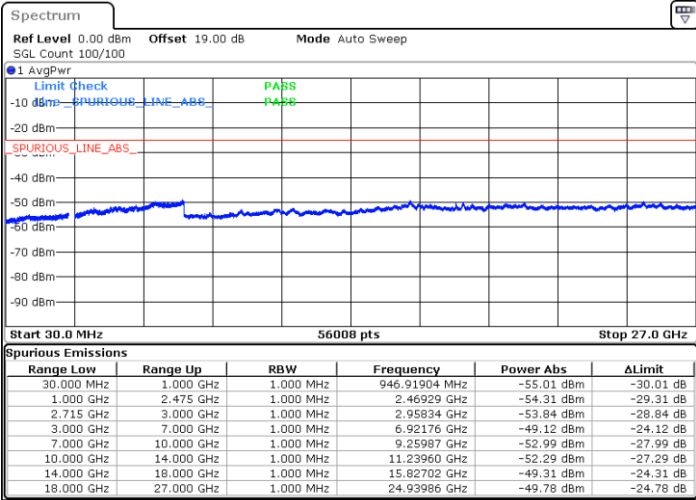
Date: 12.FEB.2021 08:17:20



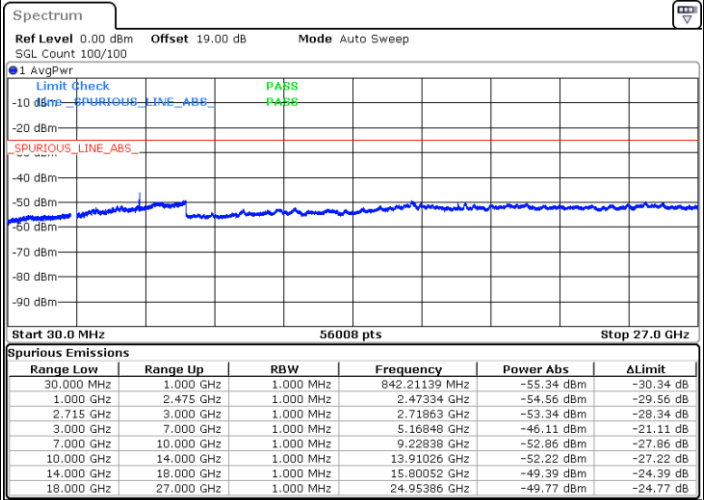
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

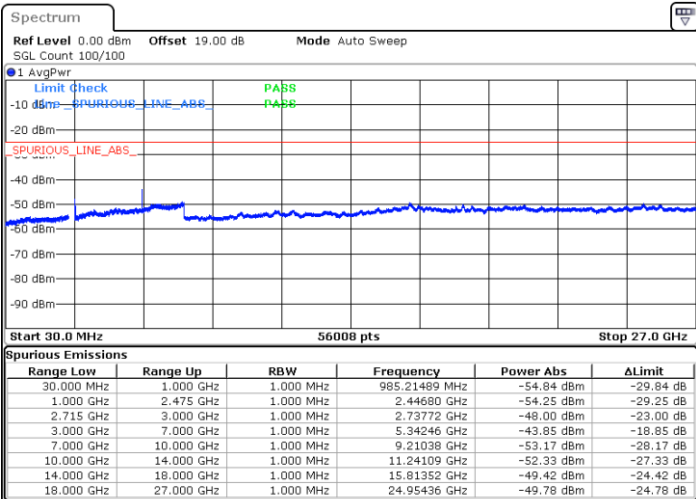


Date: 12.FEB.2021 08:18:13



Date: 12.FEB.2021 08:19:43

Highest Channel / 64QAM



Date: 12.FEB.2021 08:20:37



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	0.0005	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 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	24.68	25.03	29.85	25.28	30.63
Middle CH	24.73	25.18	29.85	25.13	30.39
Highest CH	24.73	25.08	29.85	25.03	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.93	30.03	34.97	39.80
Middle CH	34.90	24.88	30.09	34.90	39.88
Highest CH	34.76	25.08	29.91	35.04	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	25.03	29.67	25.38	30.57
Middle CH	24.78	25.03	29.91	25.28	30.51
Highest CH	24.78	25.08	29.73	25.23	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.73	30.03	35.04	39.88
Middle CH	34.76	24.98	29.97	34.90	39.72
Highest CH	34.83	24.93	29.97	34.76	39.80

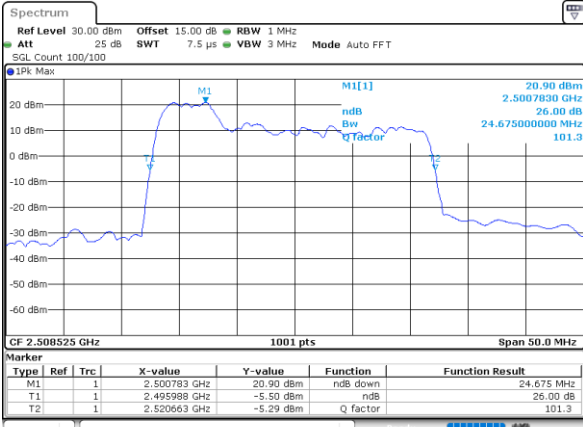
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.03	29.91	25.18	30.51
Middle CH	24.78	25.03	29.85	25.28	30.57
Highest CH	24.73	25.13	29.79	25.28	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	24.83	30.03	34.76	39.80
Middle CH	34.90	24.93	30.09	34.83	39.88
Highest CH	34.62	24.83	29.85	34.83	40.20



LTE Band 41C

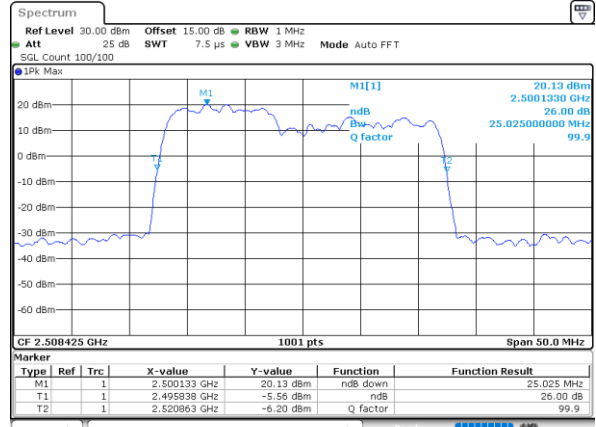
QPSK

Lowest Channel / 5MHz+20MHz



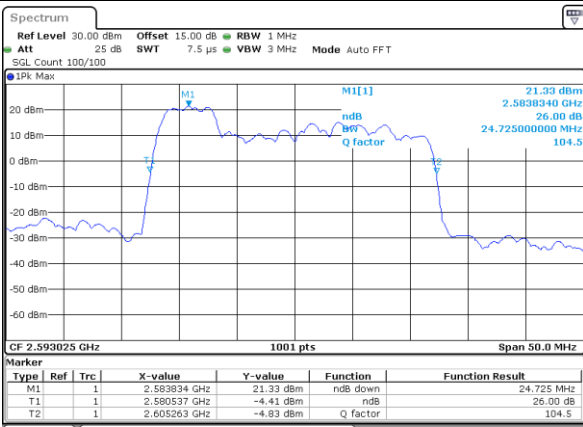
Date: 14.FEB.2021 09:20:10

Lowest Channel / 10MHz+15MHz



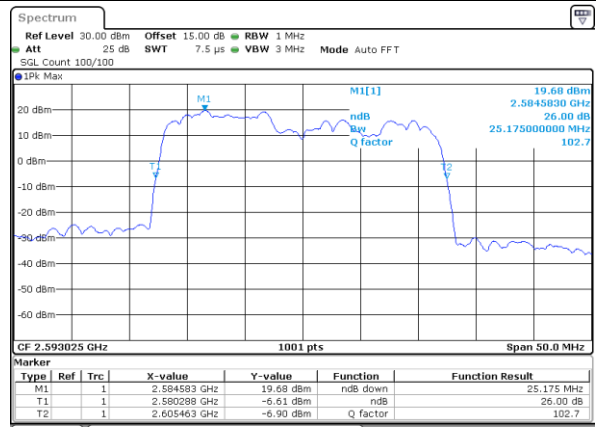
Date: 14.FEB.2021 13:14:10

Middle Channel / 5MHz+20MHz



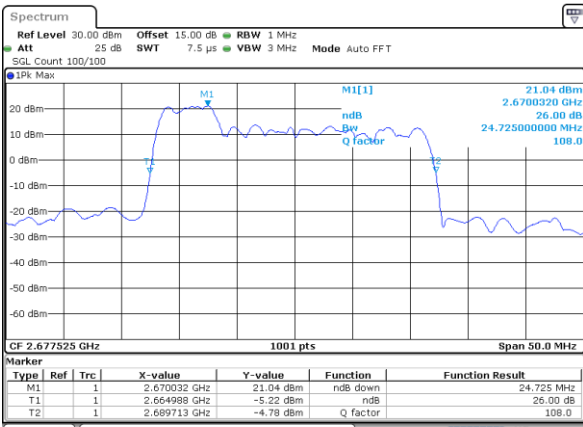
Date: 14.FEB.2021 10:24:54

Middle Channel / 10MHz+15MHz



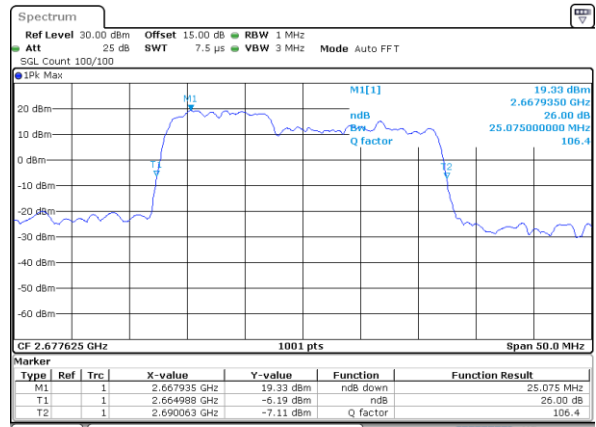
Date: 14.FEB.2021 14:14:48

Highest Channel / 5MHz+20MHz



Date: 14.FEB.2021 10:58:52

Highest Channel / 10MHz+15MHz



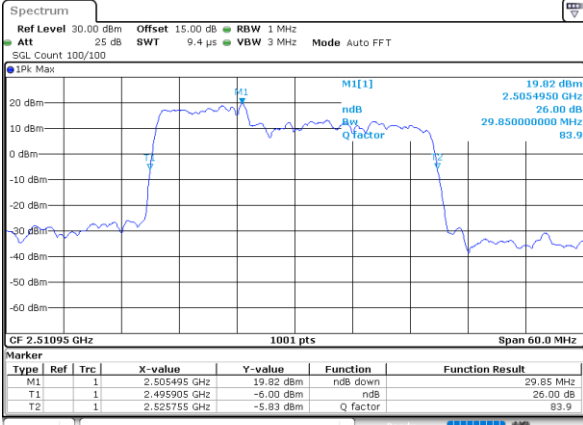
Date: 14.FEB.2021 14:24:53



LTE Band 41C

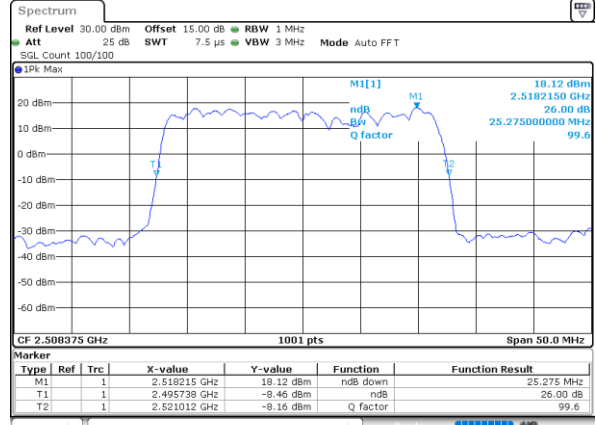
QPSK

Lowest Channel / 10MHz+20MHz



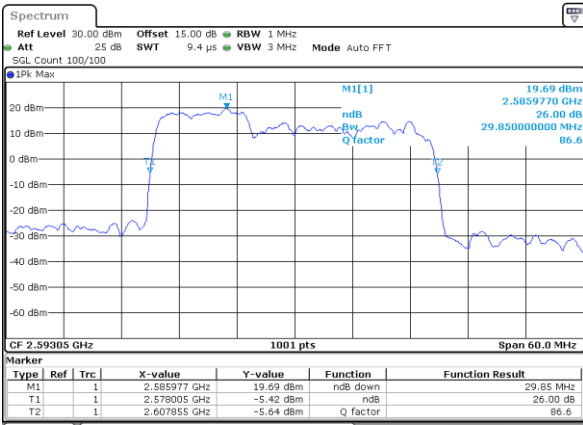
Date: 14.FEB.2021 17:20:41

Lowest Channel / 15MHz+10MHz



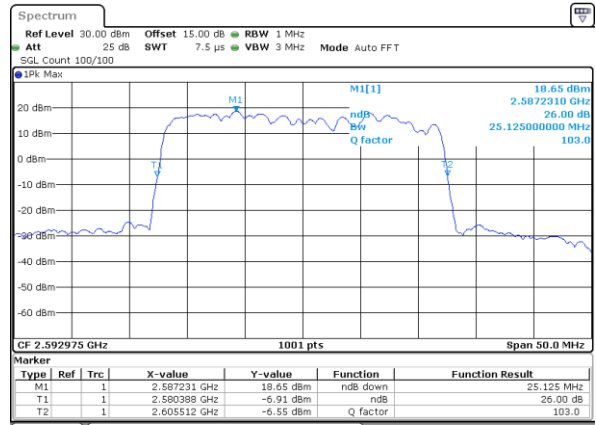
Date: 14.FEB.2021 15:26:17

Middle Channel / 10MHz+20MHz



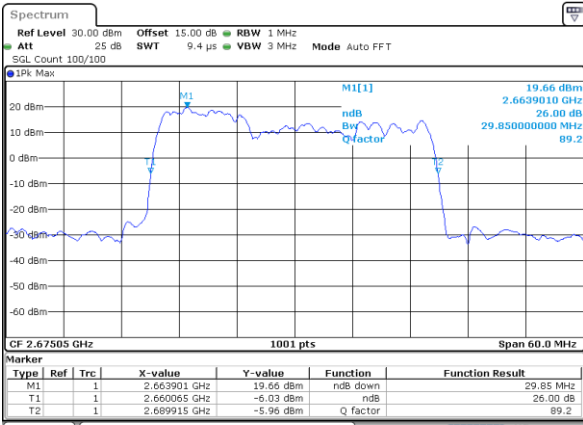
Date: 14.FEB.2021 18:27:34

Middle Channel / 15MHz+10MHz



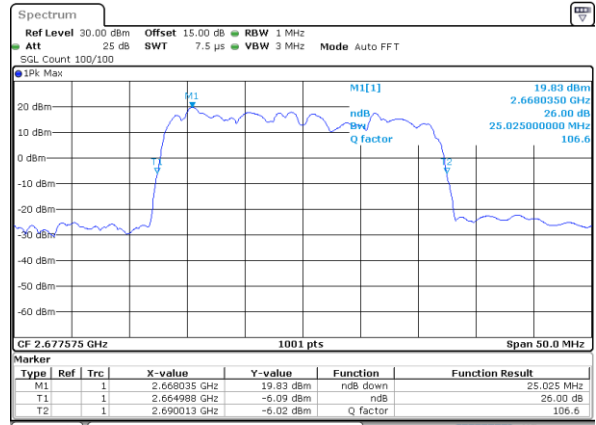
Date: 14.FEB.2021 16:47:02

Highest Channel / 10MHz+20MHz



Date: 14.FEB.2021 18:28:54

Highest Channel / 15MHz+10MHz



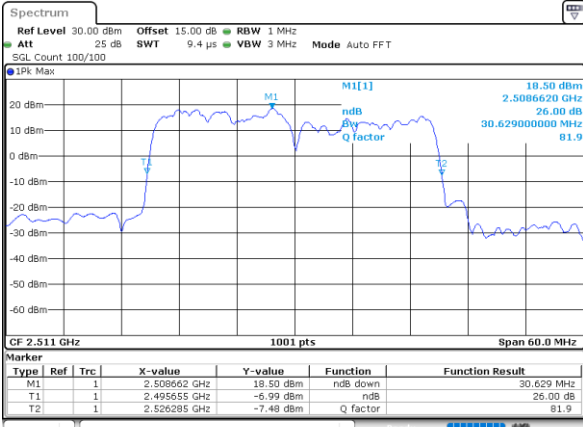
Date: 14.FEB.2021 17:02:30



LTE Band 41C

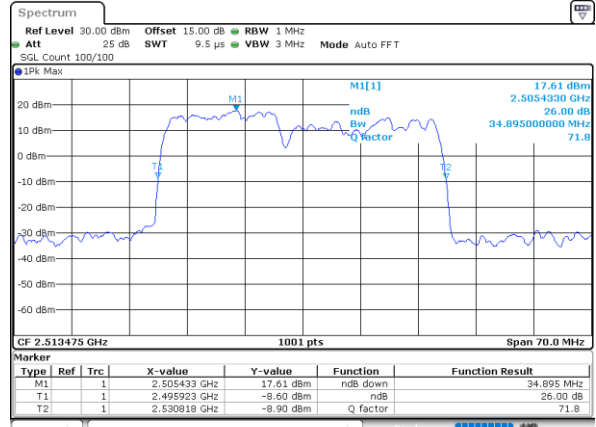
QPSK

Lowest Channel / 15MHz+15MHz



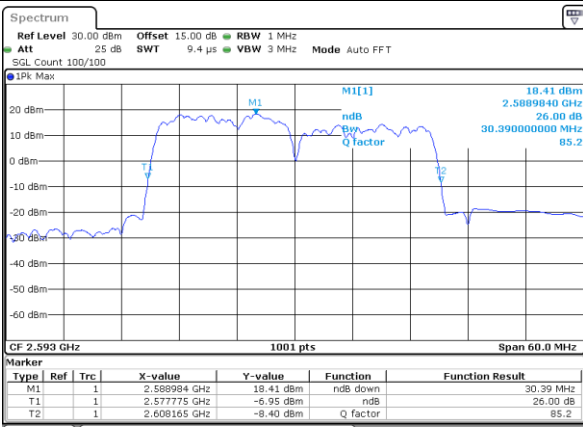
Date: 15.FEB.2021 10:36:47

Lowest Channel / 15MHz+20MHz



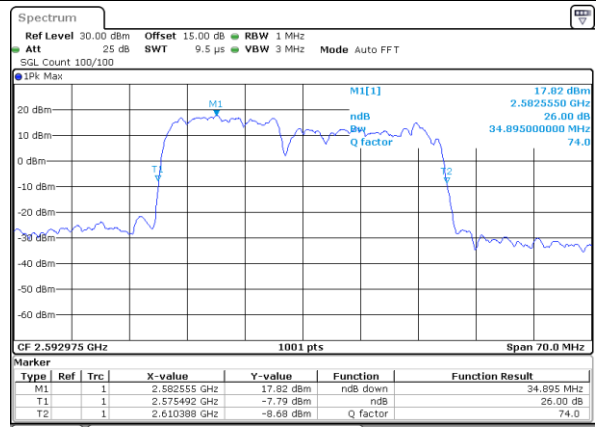
Date: 15.FEB.2021 13:01:06

Middle Channel / 15MHz+15MHz



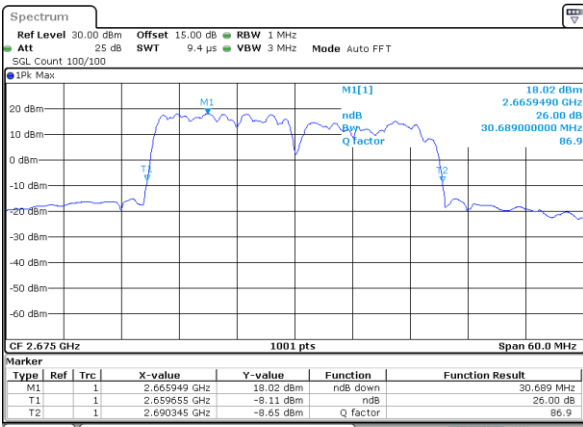
Date: 15.FEB.2021 11:00:04

Middle Channel / 15MHz+20MHz



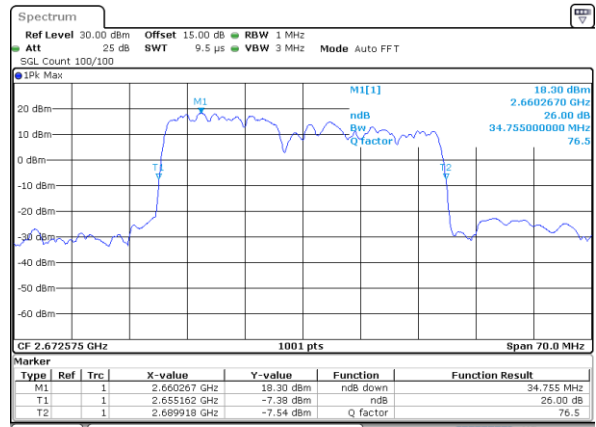
Date: 15.FEB.2021 13:45:07

Highest Channel / 15MHz+15MHz



Date: 15.FEB.2021 12:04:05

Highest Channel / 15MHz+20MHz



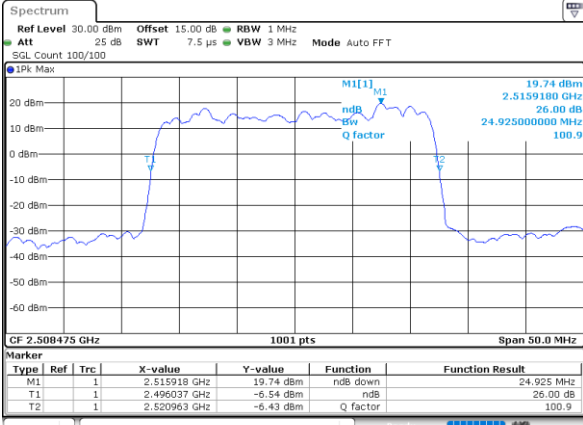
Date: 15.FEB.2021 14:23:31



LTE Band 41C

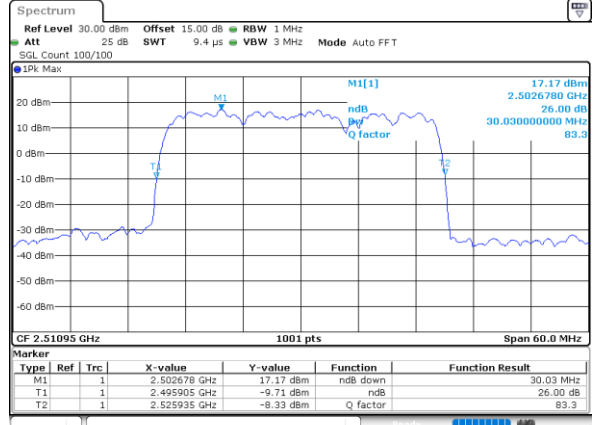
QPSK

Lowest Channel / 20MHz+5MHz



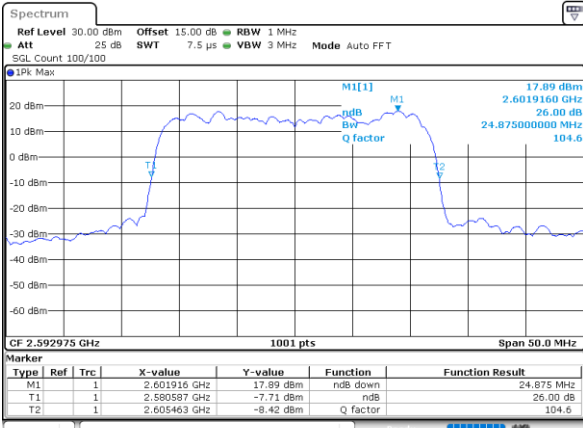
Date: 14.FEB.2021 11:34:18

Lowest Channel / 20MHz+10MHz



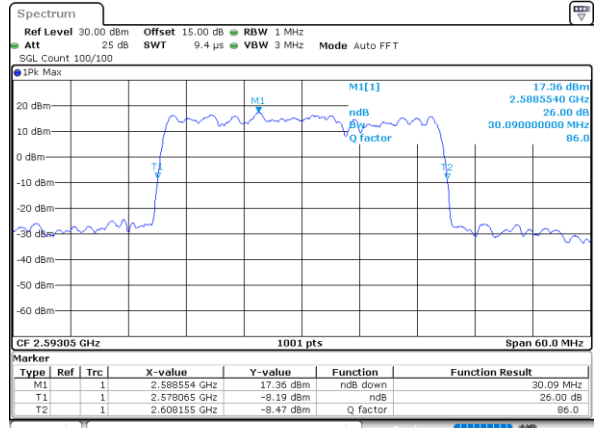
Date: 15.FEB.2021 09:23:11

Middle Channel / 20MHz+5MHz



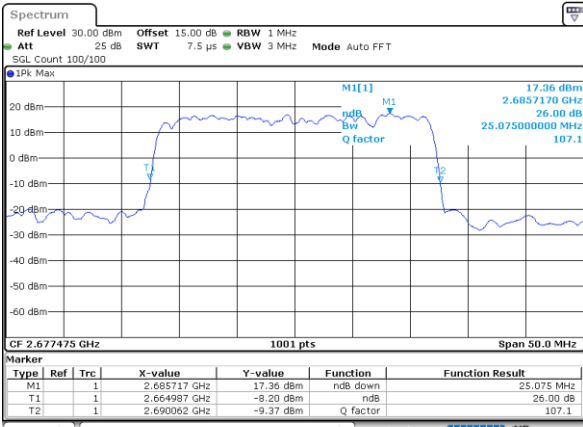
Date: 14.FEB.2021 12:43:47

Middle Channel / 20MHz+10MHz



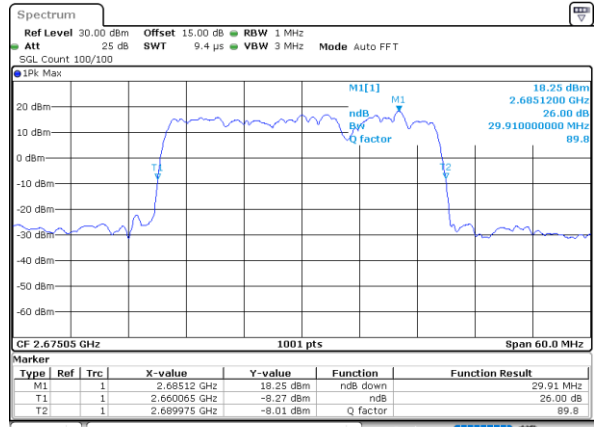
Date: 15.FEB.2021 09:42:06

Highest Channel / 20MHz+5MHz



Date: 14.FEB.2021 12:54:20

Highest Channel / 20MHz+10MHz



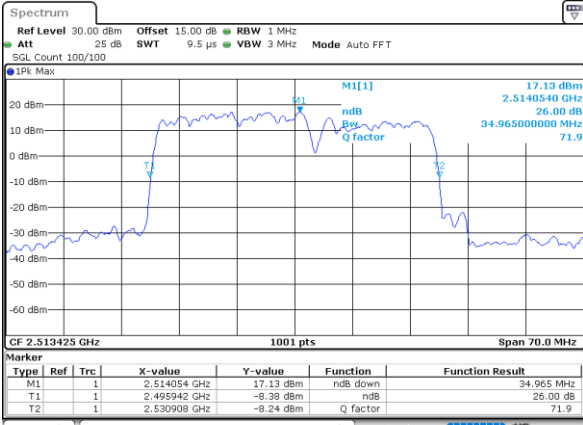
Date: 15.FEB.2021 09:51:53



LTE Band 41C

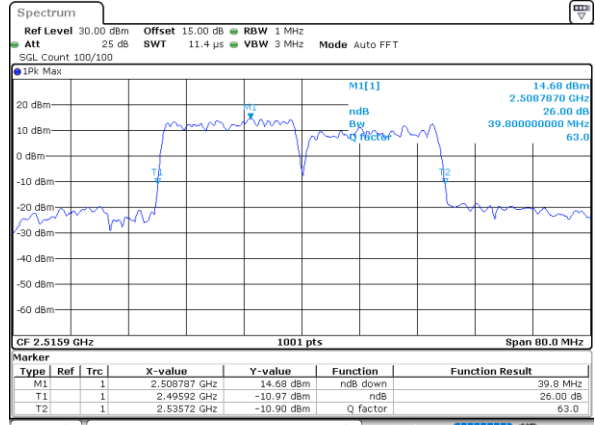
QPSK

Lowest Channel / 20MHz+15MHz



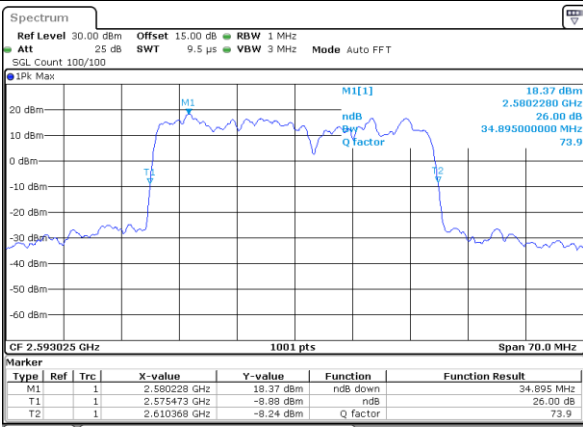
Date: 15.FEB.2021 14:51:47

Lowest Channel / 20MHz+20MHz



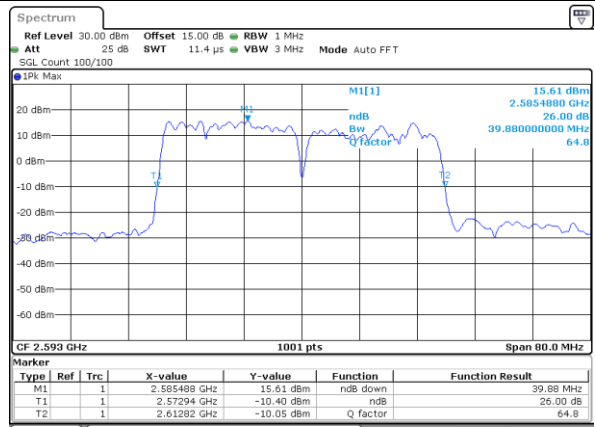
Date: 15.FEB.2021 16:34:56

Middle Channel / 20MHz+15MHz



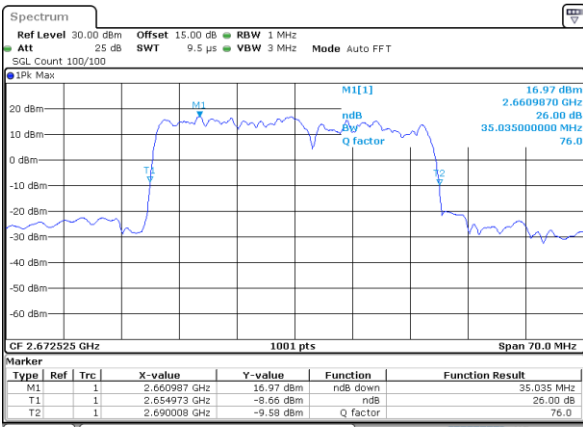
Date: 15.FEB.2021 15:13:05

Middle Channel / 20MHz+20MHz



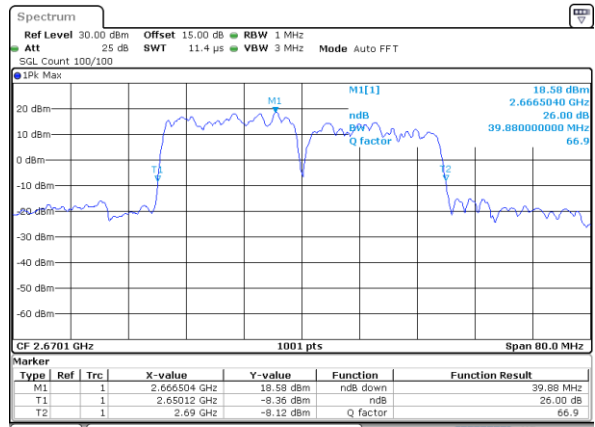
Date: 15.FEB.2021 17:15:39

Highest Channel / 20MHz+15MHz



Date: 15.FEB.2021 15:36:28

Highest Channel / 20MHz+20MHz



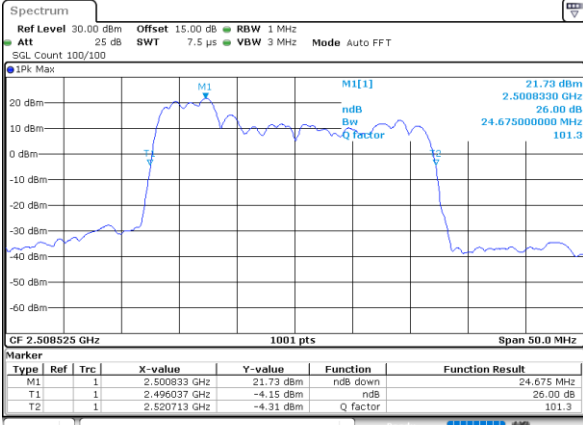
Date: 15.FEB.2021 17:31:22



LTE Band 41C

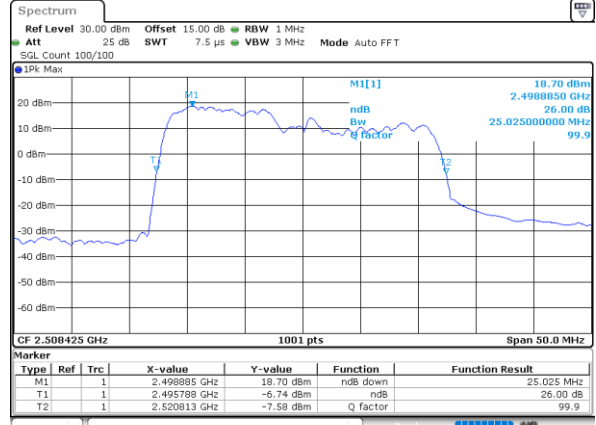
16QAM

Lowest Channel / 5MHz+20MHz



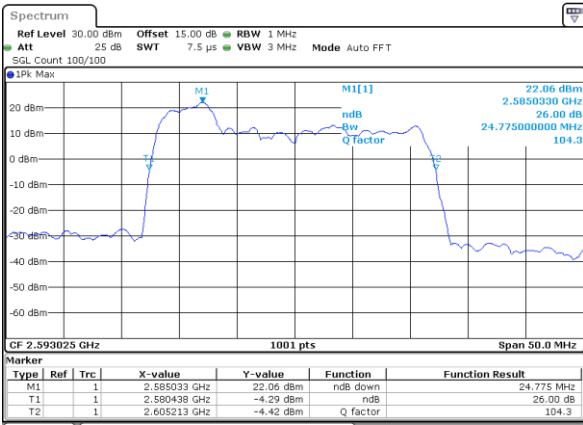
Date: 14.FEB.2021 09:19:46

Lowest Channel / 10MHz+15MHz



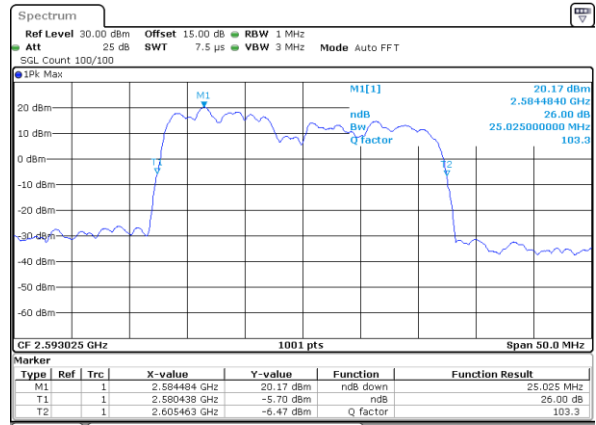
Date: 14.FEB.2021 13:14:54

Middle Channel / 5MHz+20MHz



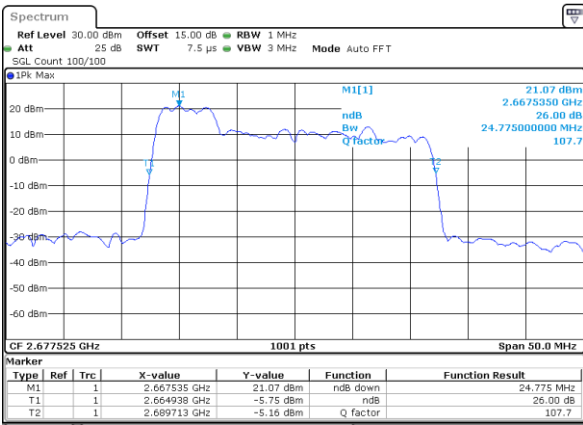
Date: 14.FEB.2021 09:27:09

Middle Channel / 10MHz+15MHz



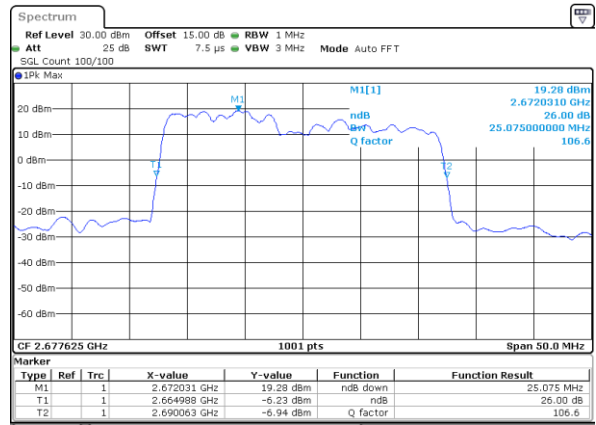
Date: 14.FEB.2021 14:15:18

Highest Channel / 5MHz+20MHz



Date: 14.FEB.2021 10:59:25

Highest Channel / 10MHz+15MHz



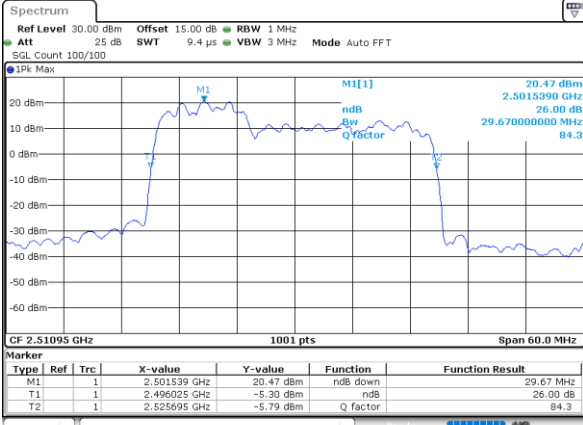
Date: 14.FEB.2021 14:25:32



LTE Band 41C

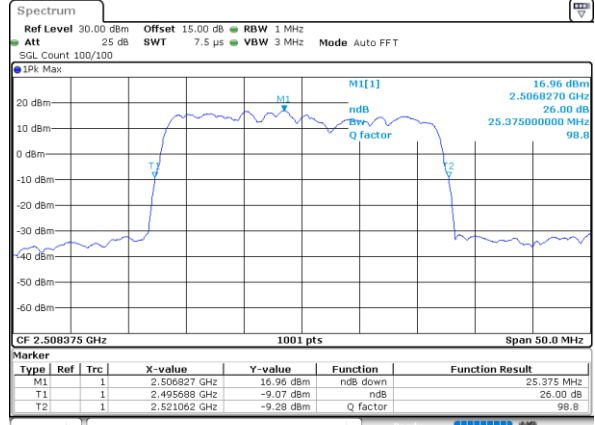
16QAM

Lowest Channel / 10MHz+20MHz



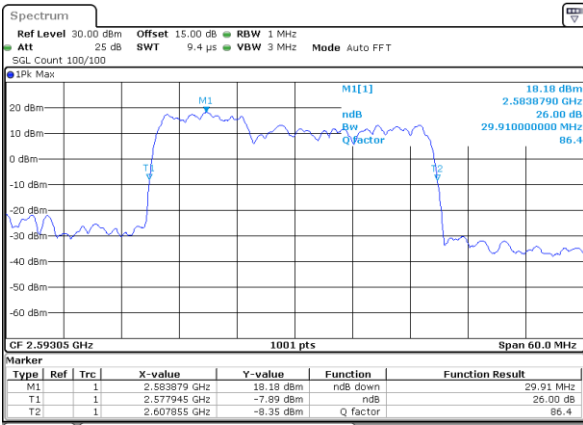
Date: 14.FEB.2021 17:29:49

Lowest Channel / 15MHz+10MHz



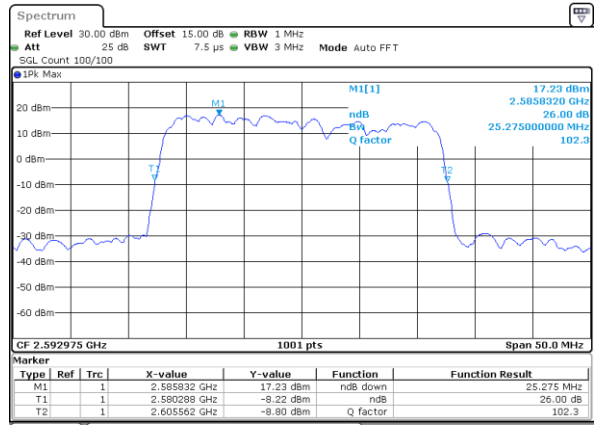
Date: 14.FEB.2021 15:28:12

Middle Channel / 10MHz+20MHz



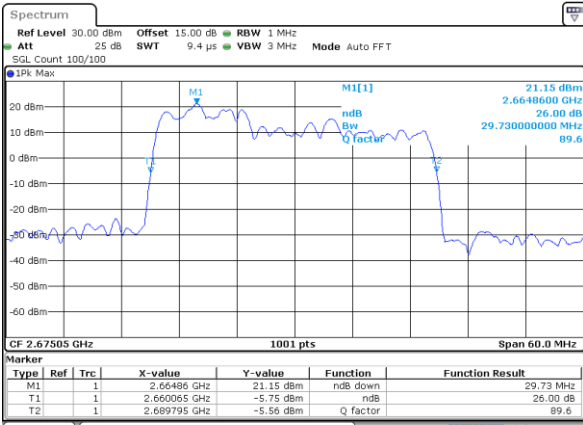
Date: 14.FEB.2021 18:06:29

Middle Channel / 15MHz+10MHz



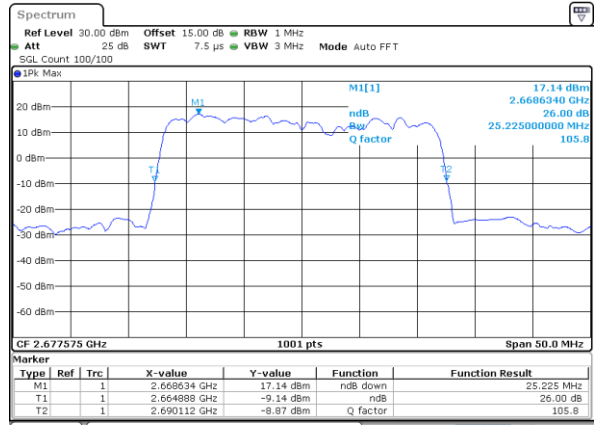
Date: 14.FEB.2021 16:28:28

Highest Channel / 10MHz+20MHz



Date: 14.FEB.2021 18:31:33

Highest Channel / 15MHz+10MHz



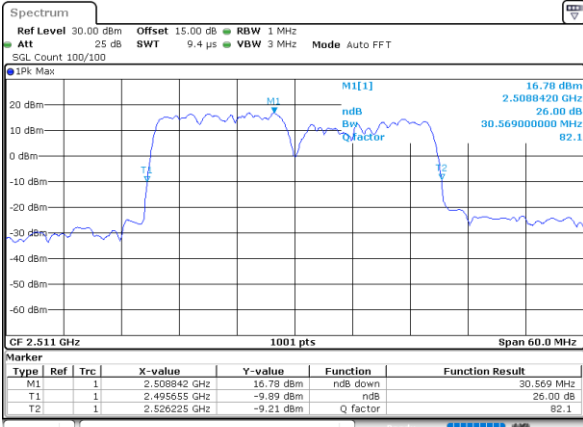
Date: 14.FEB.2021 17:08:57



LTE Band 41C

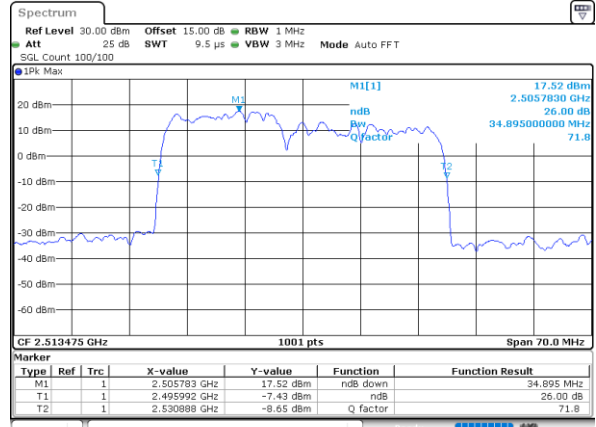
16QAM

Lowest Channel / 15MHz+15MHz



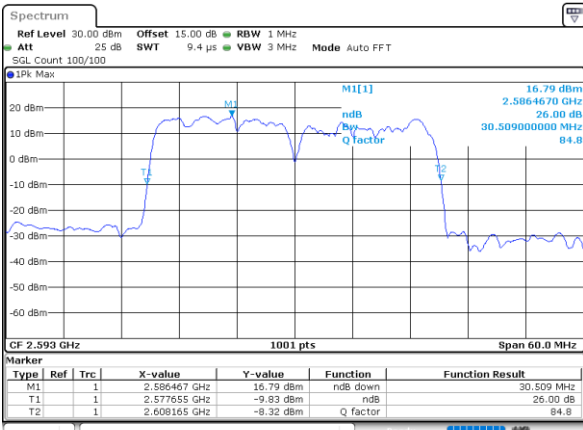
Date: 15.FEB.2021 10:37:34

Lowest Channel / 15MHz+20MHz



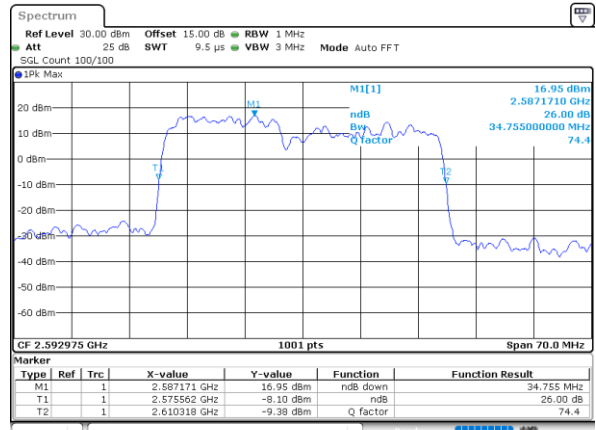
Date: 15.FEB.2021 13:00:24

Middle Channel / 15MHz+15MHz



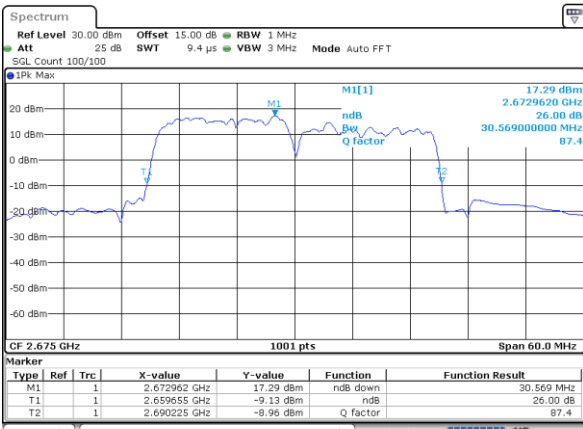
Date: 15.FEB.2021 10:59:37

Middle Channel / 15MHz+20MHz



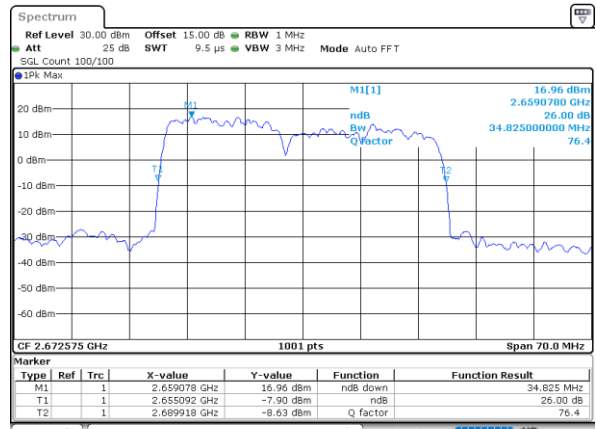
Date: 15.FEB.2021 13:45:40

Highest Channel / 15MHz+15MHz



Date: 15.FEB.2021 12:05:20

Highest Channel / 15MHz+20MHz



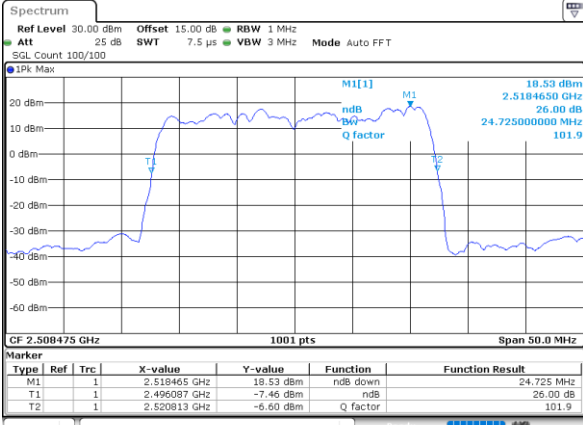
Date: 15.FEB.2021 14:22:53



LTE Band 41C

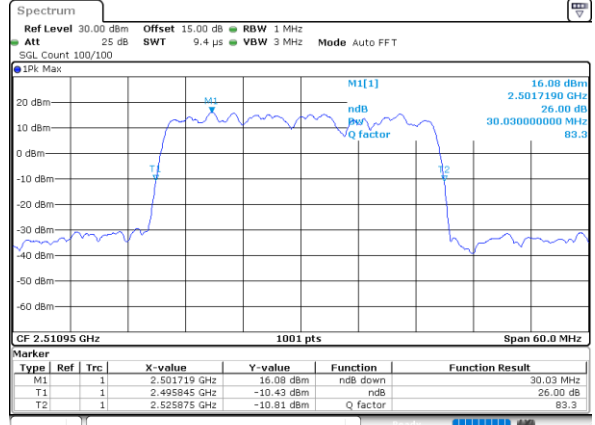
16QAM

Lowest Channel / 20MHz+5MHz



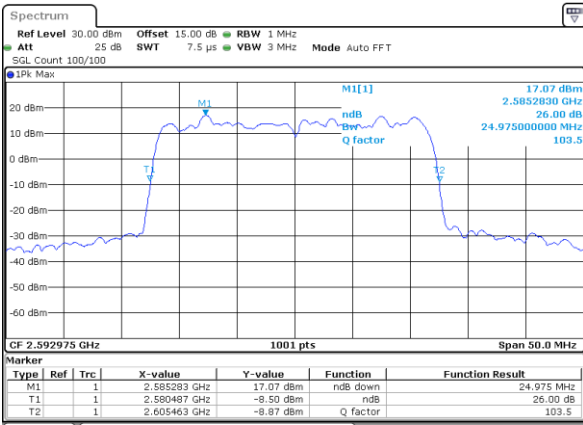
Date: 14.FEB.2021 11:34:50

Lowest Channel / 20MHz+10MHz



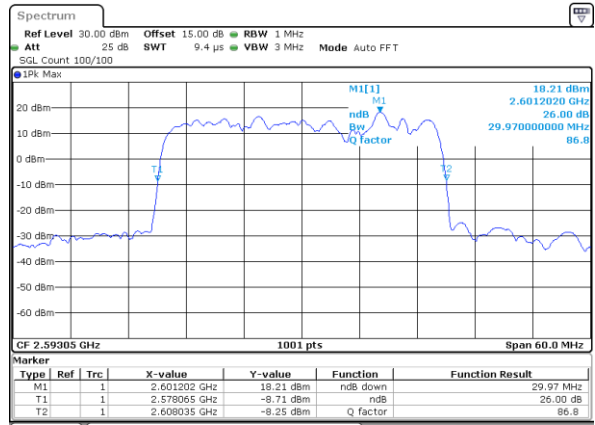
Date: 15.FEB.2021 09:22:42

Middle Channel / 20MHz+5MHz



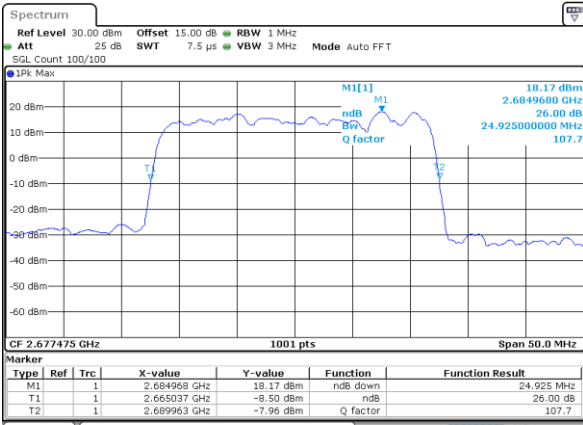
Date: 14.FEB.2021 12:44:11

Middle Channel / 20MHz+10MHz



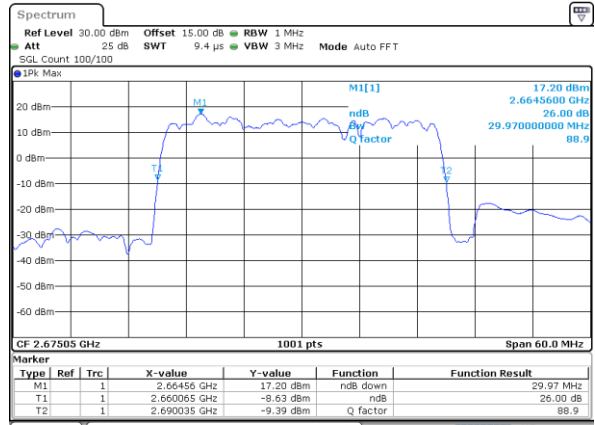
Date: 15.FEB.2021 09:42:31

Highest Channel / 20MHz+5MHz



Date: 14.FEB.2021 12:50:58

Highest Channel / 20MHz+10MHz



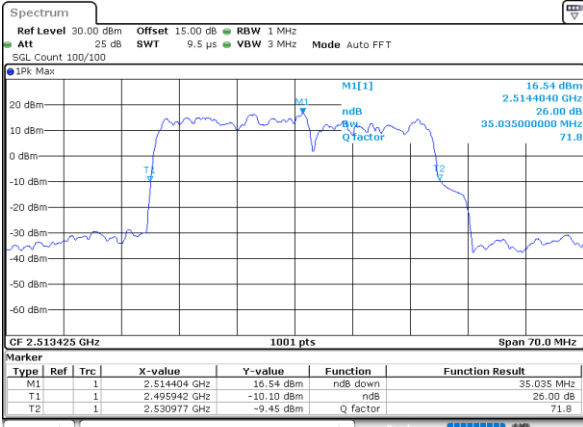
Date: 15.FEB.2021 09:50:58



LTE Band 41C

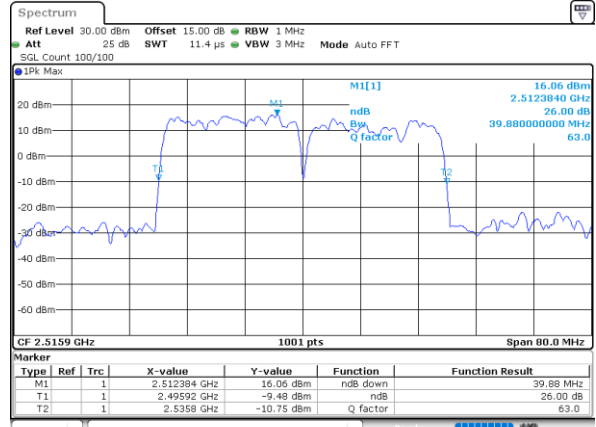
16QAM

Lowest Channel / 20MHz+15MHz



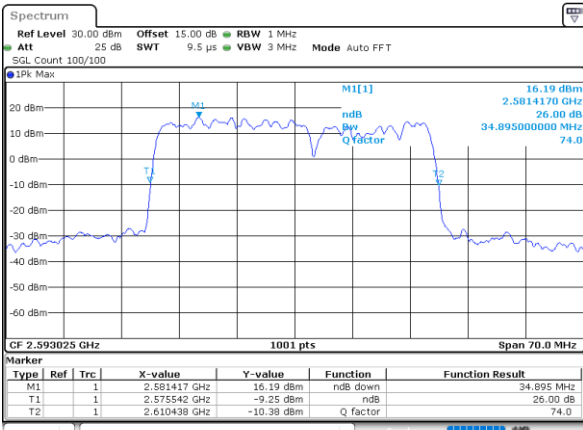
Date: 15.FEB.2021 14:52:07

Lowest Channel / 20MHz+20MHz



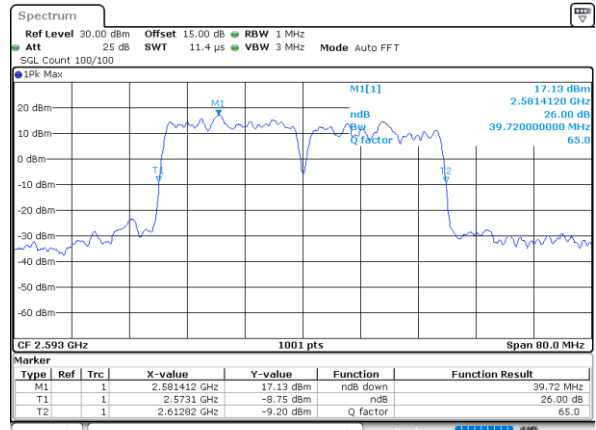
Date: 15.FEB.2021 16:32:47

Middle Channel / 20MHz+15MHz



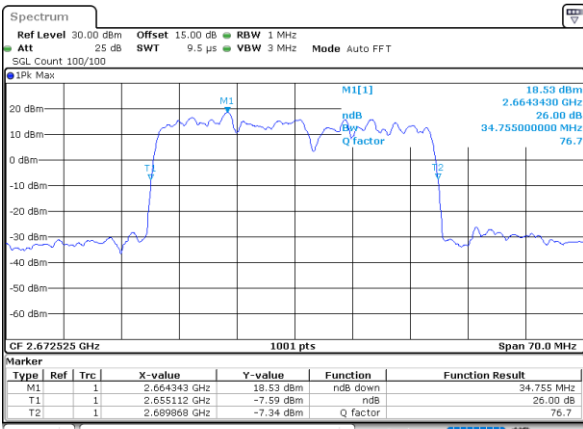
Date: 15.FEB.2021 15:12:11

Middle Channel / 20MHz+20MHz



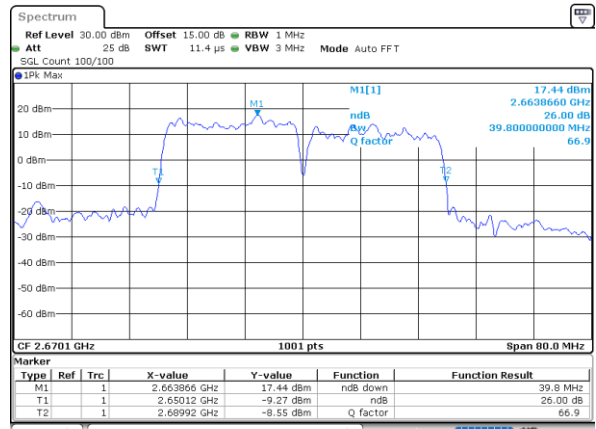
Date: 15.FEB.2021 17:19:27

Highest Channel / 20MHz+15MHz



Date: 15.FEB.2021 15:37:27

Highest Channel / 20MHz+20MHz



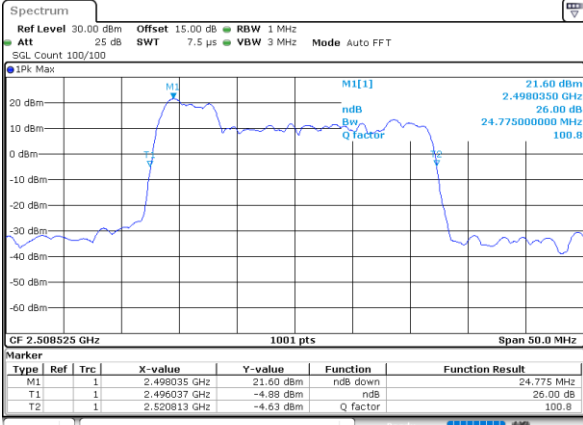
Date: 15.FEB.2021 17:28:00



LTE Band 41C

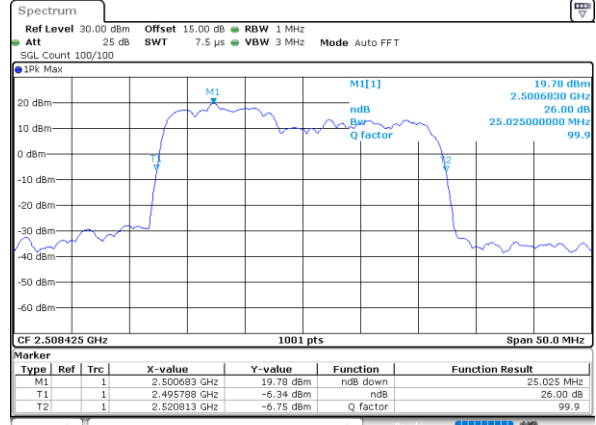
64QAM

Lowest Channel / 5MHz+20MHz



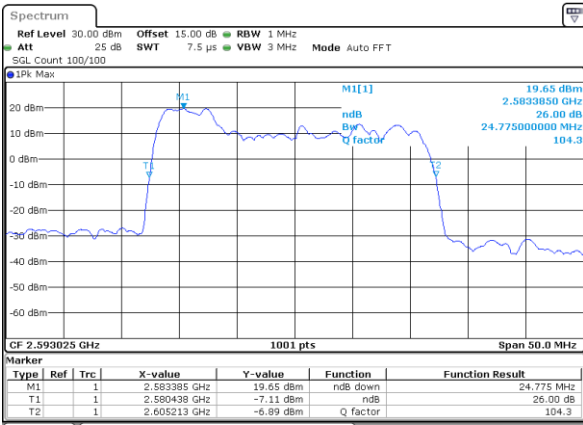
Date: 14.FEB.2021 09:21:33

Lowest Channel / 10MHz+15MHz



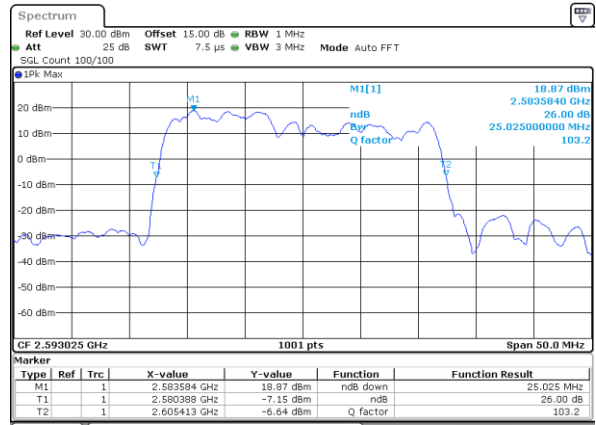
Date: 14.FEB.2021 13:17:50

Middle Channel / 5MHz+20MHz



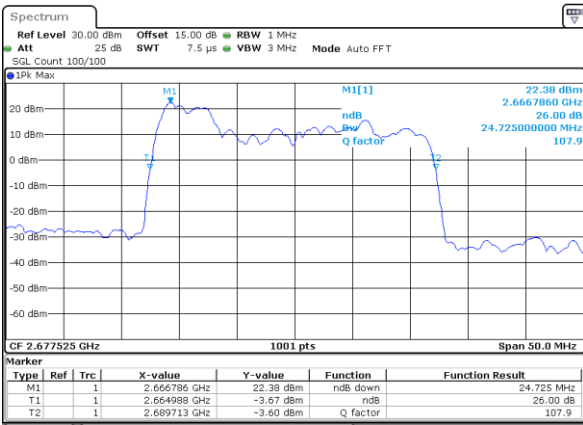
Date: 14.FEB.2021 09:25:49

Middle Channel / 10MHz+15MHz



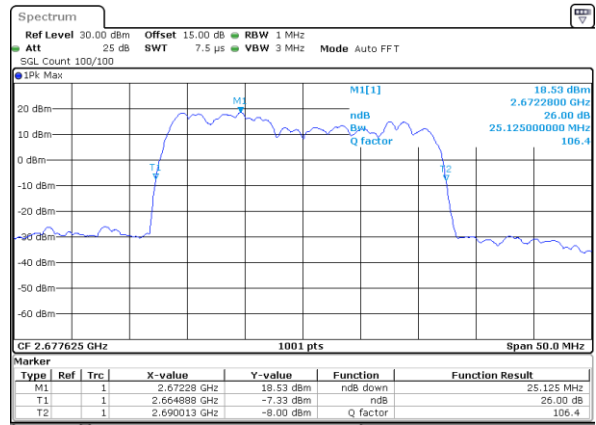
Date: 14.FEB.2021 14:17:58

Highest Channel / 5MHz+20MHz



Date: 14.FEB.2021 11:05:53

Highest Channel / 10MHz+15MHz



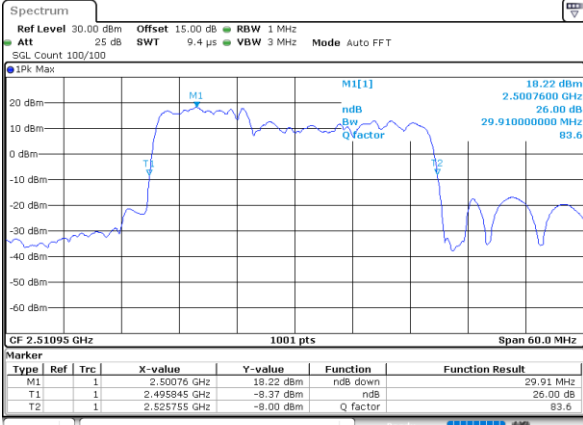
Date: 14.FEB.2021 14:19:50



LTE Band 41C

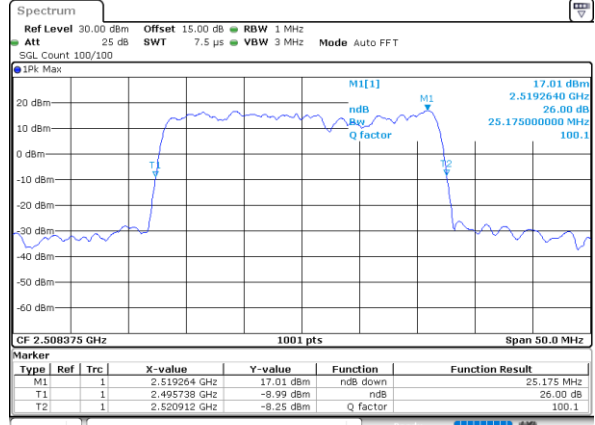
64QAM

Lowest Channel / 10MHz+20MHz



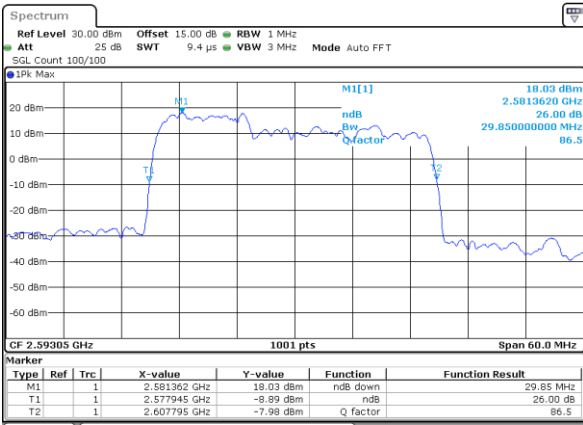
Date: 14.FEB.2021 17:30:17

Lowest Channel / 15MHz+10MHz



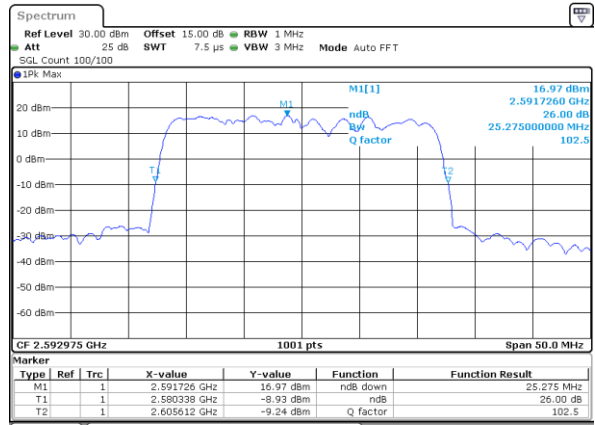
Date: 14.FEB.2021 15:35:39

Middle Channel / 10MHz+20MHz



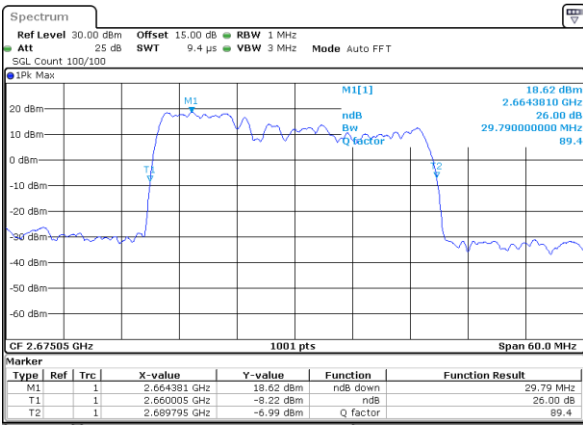
Date: 14.FEB.2021 18:05:59

Middle Channel / 15MHz+10MHz



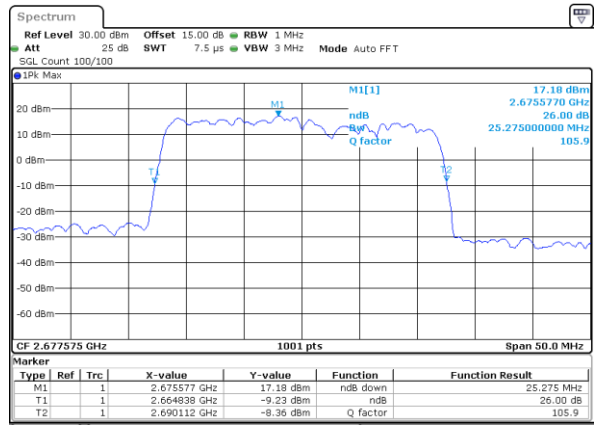
Date: 14.FEB.2021 16:28:01

Highest Channel / 10MHz+20MHz



Date: 14.FEB.2021 18:32:02

Highest Channel / 15MHz+10MHz



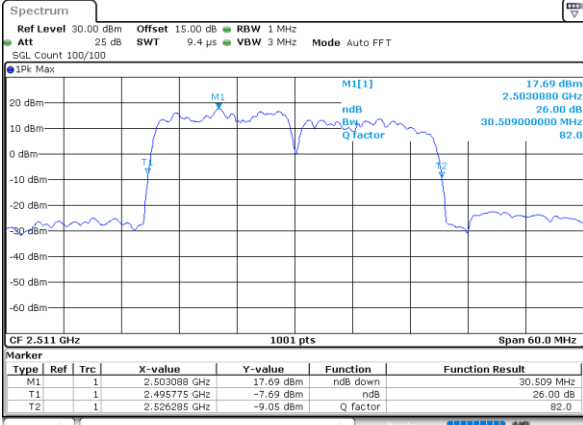
Date: 14.FEB.2021 17:07:43



LTE Band 41C

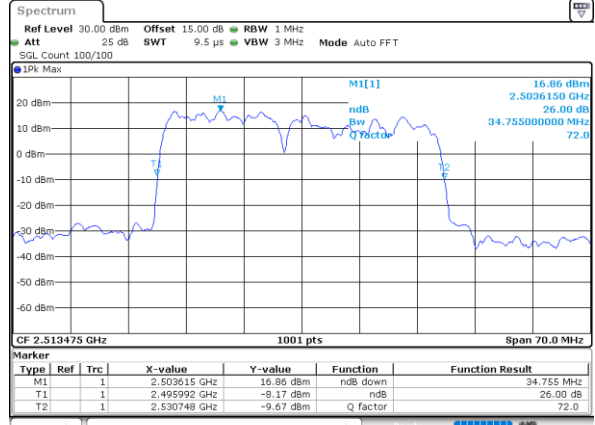
64QAM

Lowest Channel / 15MHz+15MHz



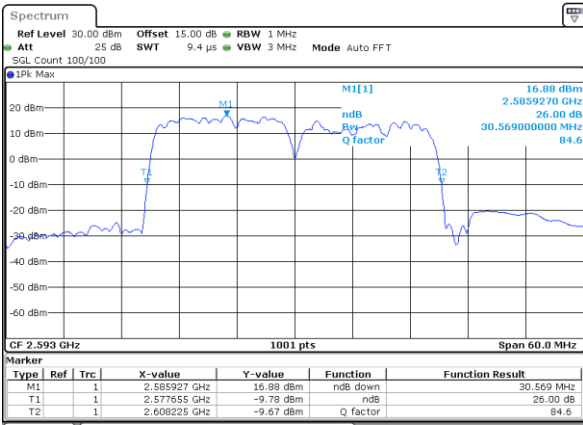
Date: 15.FEB.2021 10:42:46

Lowest Channel / 15MHz+20MHz



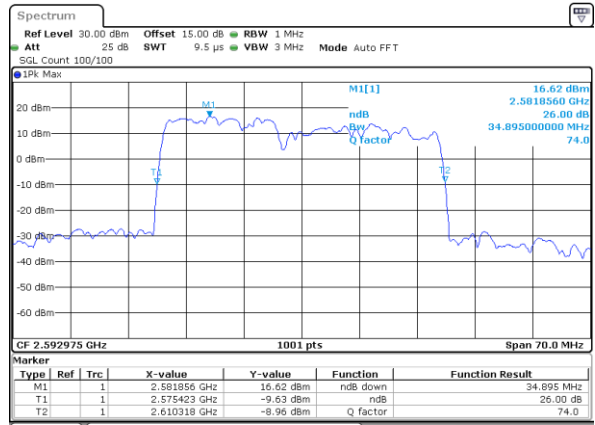
Date: 15.FEB.2021 12:28:51

Middle Channel / 15MHz+15MHz



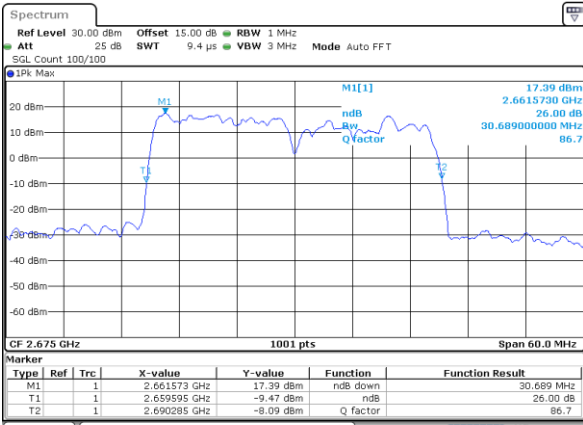
Date: 15.FEB.2021 10:44:13

Middle Channel / 15MHz+20MHz



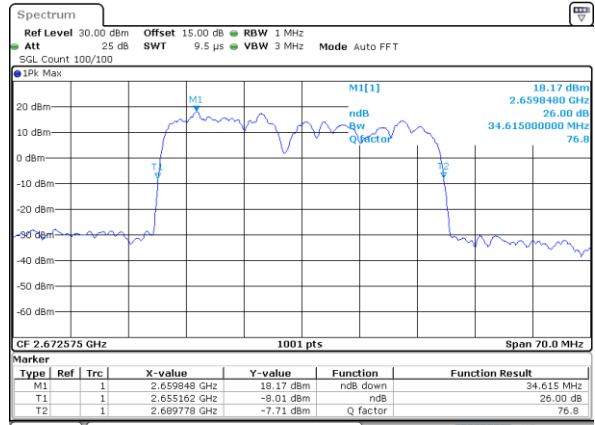
Date: 15.FEB.2021 13:50:41

Highest Channel / 15MHz+15MHz



Date: 15.FEB.2021 12:11:03

Highest Channel / 15MHz+20MHz



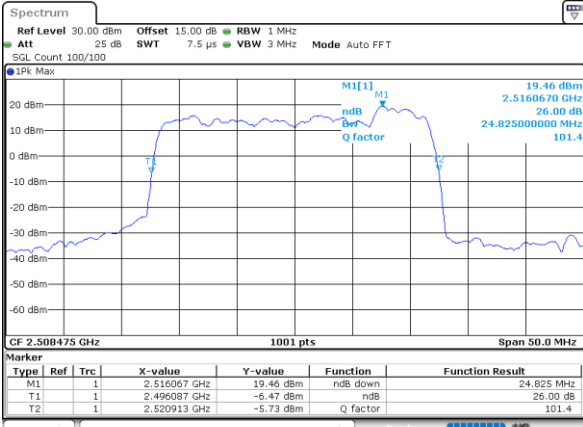
Date: 15.FEB.2021 13:52:41



LTE Band 41C

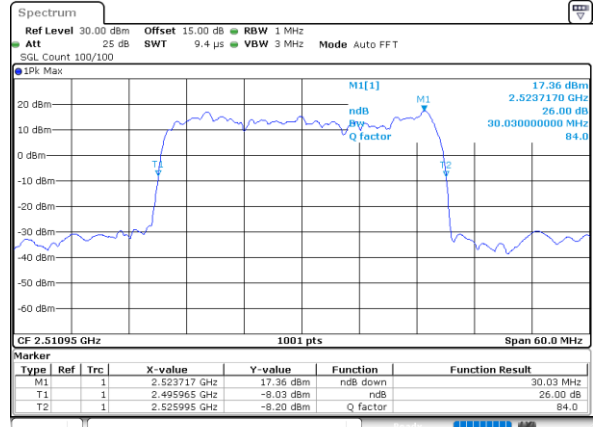
64QAM

Lowest Channel / 20MHz+5MHz



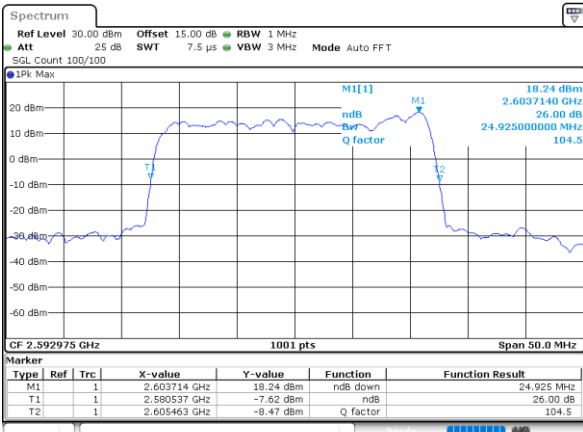
Date: 14.FEB.2021 11:37:33

Lowest Channel / 20MHz+10MHz



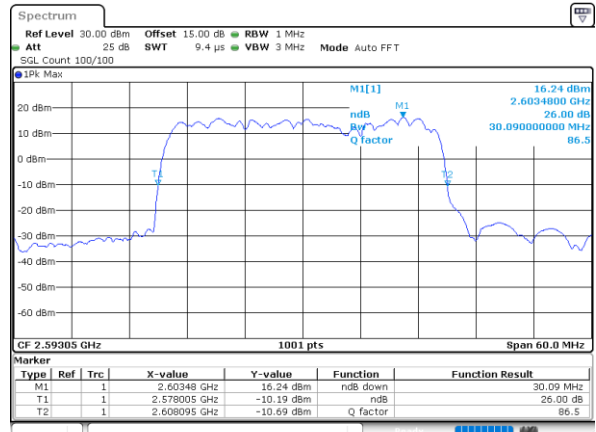
Date: 15.FEB.2021 09:19:48

Middle Channel / 20MHz+5MHz



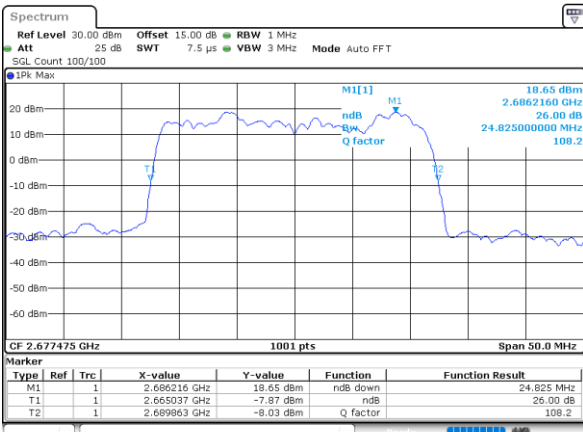
Date: 14.FEB.2021 12:47:20

Middle Channel / 20MHz+10MHz



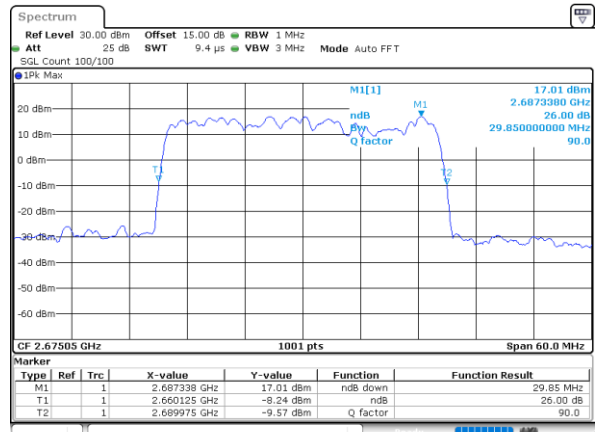
Date: 15.FEB.2021 09:45:27

Highest Channel / 20MHz+5MHz



Date: 14.FEB.2021 12:50:02

Highest Channel / 20MHz+10MHz



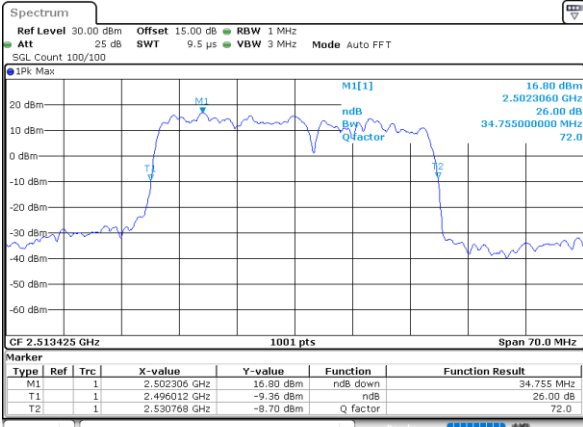
Date: 15.FEB.2021 09:48:41



LTE Band 41C

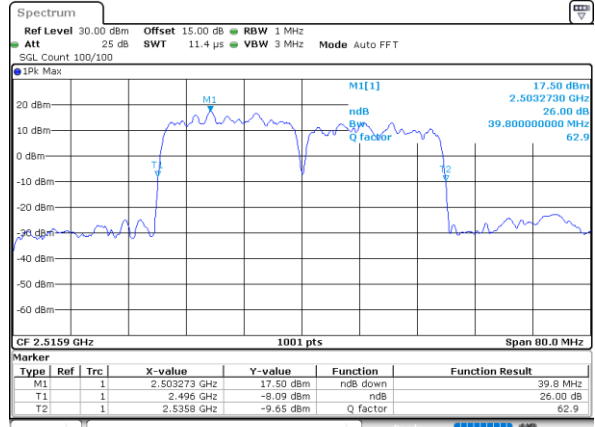
64QAM

Lowest Channel / 20MHz+15MHz



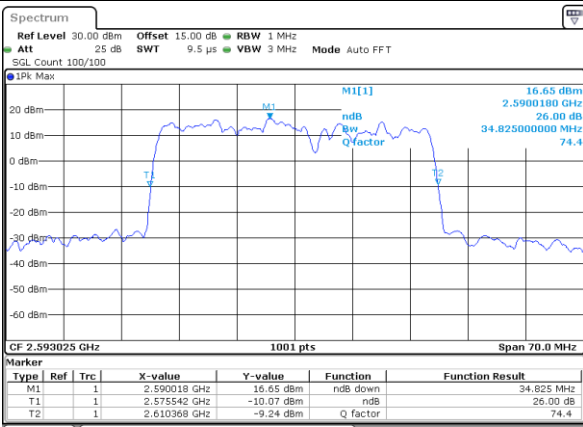
Date: 15.FEB.2021 15:00:12

Lowest Channel / 20MHz+20MHz



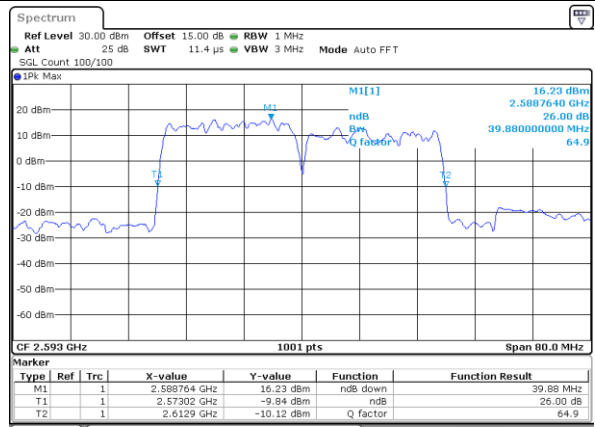
Date: 15.FEB.2021 15:42:00

Middle Channel / 20MHz+15MHz



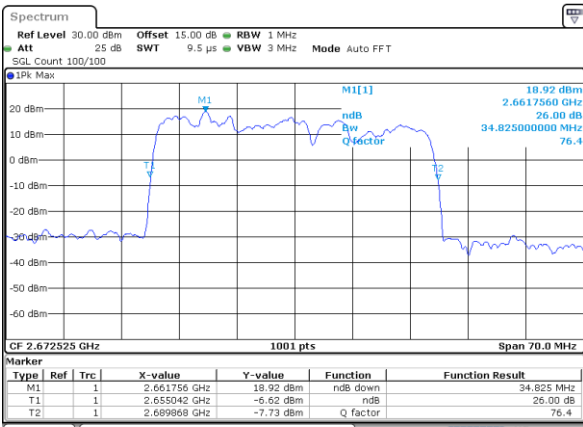
Date: 15.FEB.2021 15:06:02

Middle Channel / 20MHz+20MHz



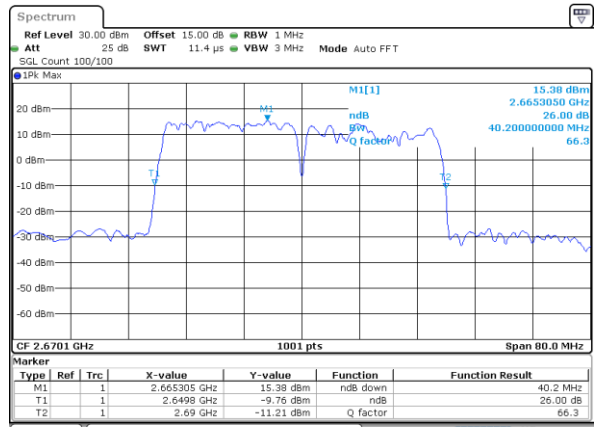
Date: 15.FEB.2021 17:21:07

Highest Channel / 20MHz+15MHz



Date: 15.FEB.2021 15:39:46

Highest Channel / 20MHz+20MHz



Date: 15.FEB.2021 17:26:56



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.28	23.58	27.75	23.18	28.71
Middle CH	23.28	23.53	27.93	22.98	28.59
Highest CH	23.18	23.33	27.75	23.48	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.66	23.38	27.99	32.87	37.64
Middle CH	32.73	23.28	28.11	32.73	37.80
Highest CH	32.59	23.28	27.99	32.73	37.64

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.18	28.05	23.38	28.59
Middle CH	22.93	23.08	27.93	23.53	28.65
Highest CH	22.88	23.18	27.81	23.43	28.89
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.94	23.33	27.81	32.94	37.96
Middle CH	32.52	23.18	28.05	32.80	37.32
Highest CH	33.01	23.33	28.17	32.73	37.48

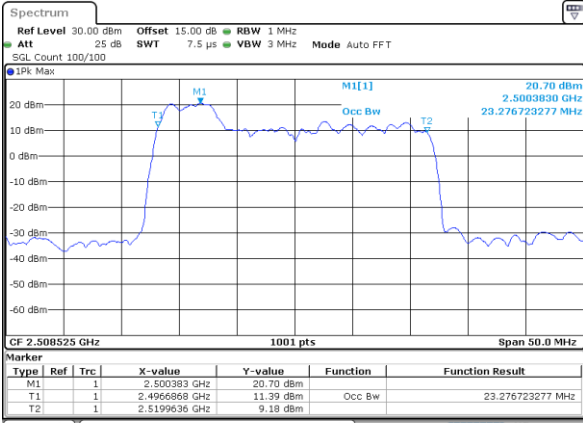
Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	22.98	23.23	27.99	23.28	28.53
Middle CH	23.38	23.23	27.57	23.53	28.53
Highest CH	23.03	22.98	27.69	23.48	28.35
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.33	27.87	32.87	37.72
Middle CH	32.80	23.18	28.35	32.87	37.72
Highest CH	32.94	23.38	28.05	32.52	37.64



LTE Band 41C

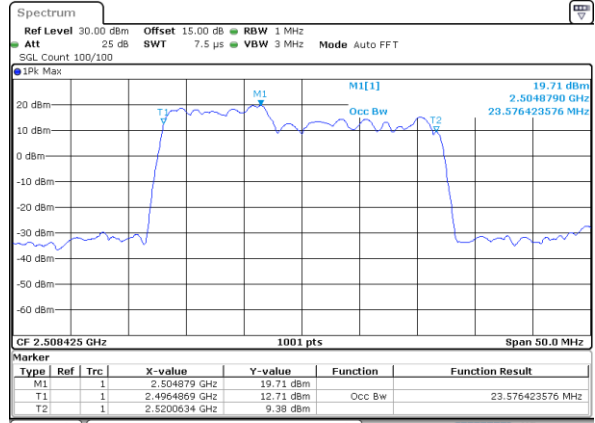
QPSK

Lowest Channel / 5MHz+20MHz



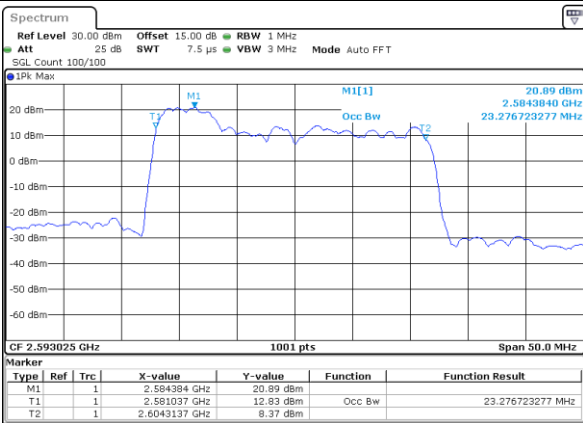
Date: 14.FEB.2021 09:18:17

Lowest Channel / 10MHz+15MHz



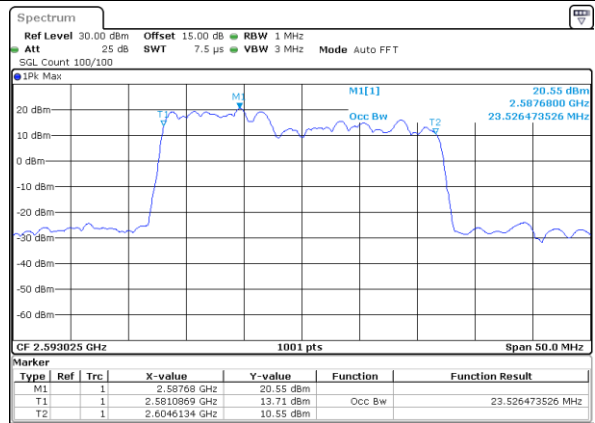
Date: 14.FEB.2021 13:14:03

Middle Channel / 5MHz+20MHz



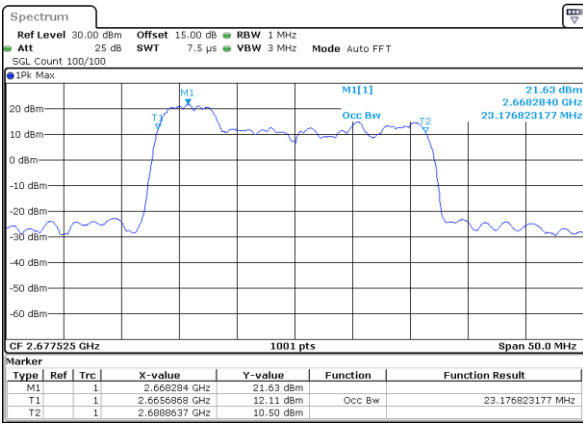
Date: 14.FEB.2021 10:24:34

Middle Channel / 10MHz+15MHz



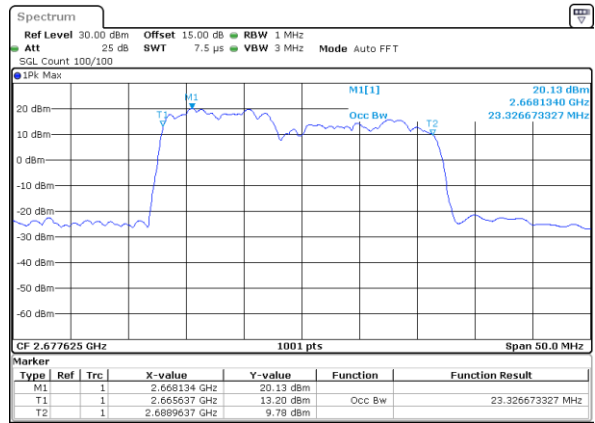
Date: 14.FEB.2021 14:14:39

Highest Channel / 5MHz+20MHz



Date: 14.FEB.2021 10:58:44

Highest Channel / 10MHz+15MHz



Date: 14.FEB.2021 14:24:43