



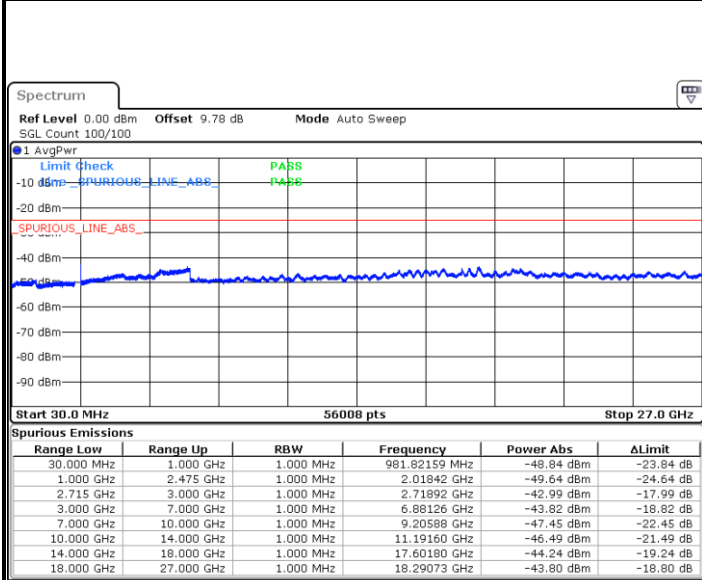
Conducted Spurious Emission





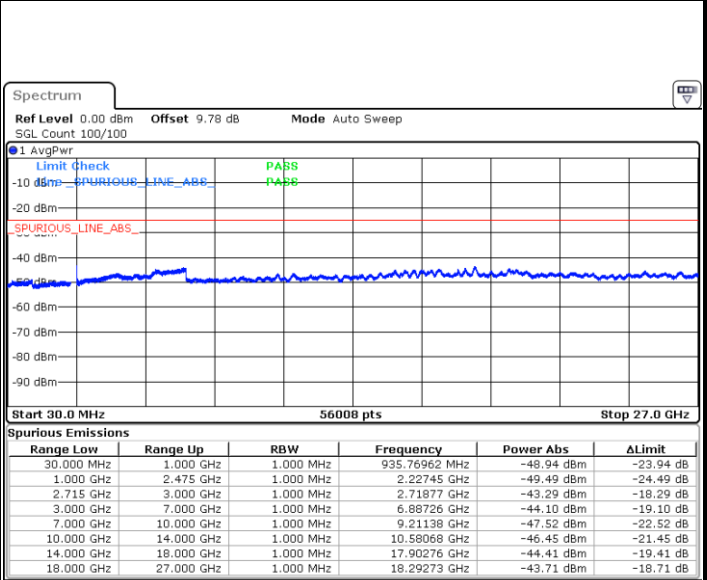
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 5 SEP.2020 03:46:50

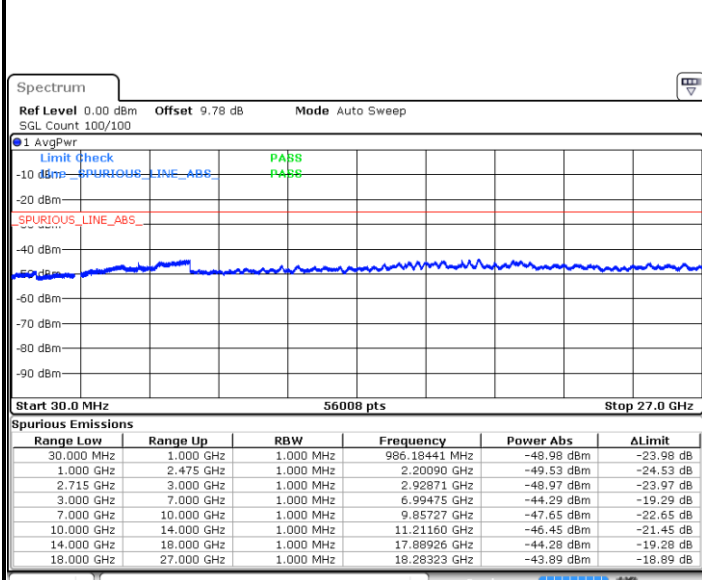
Highest Channel / 16QAM



Date: 5 SEP.2020 03:45:54

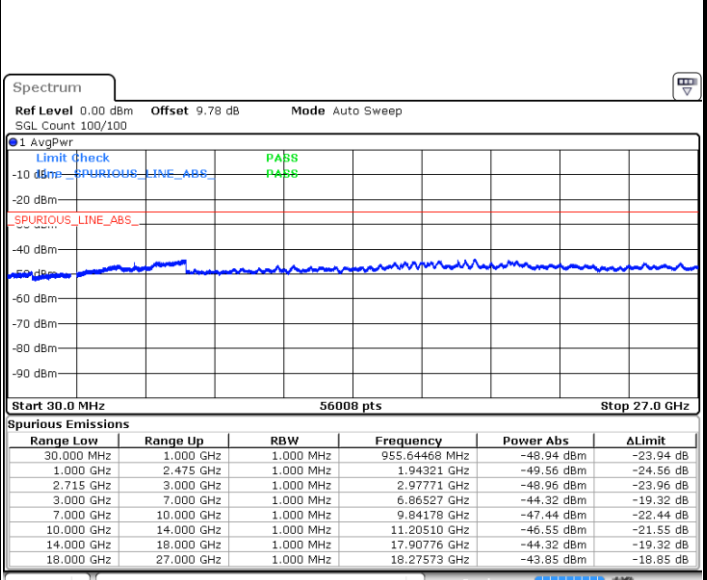
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 5 SEP.2020 04:07:55

Lowest Channel / 16QAM

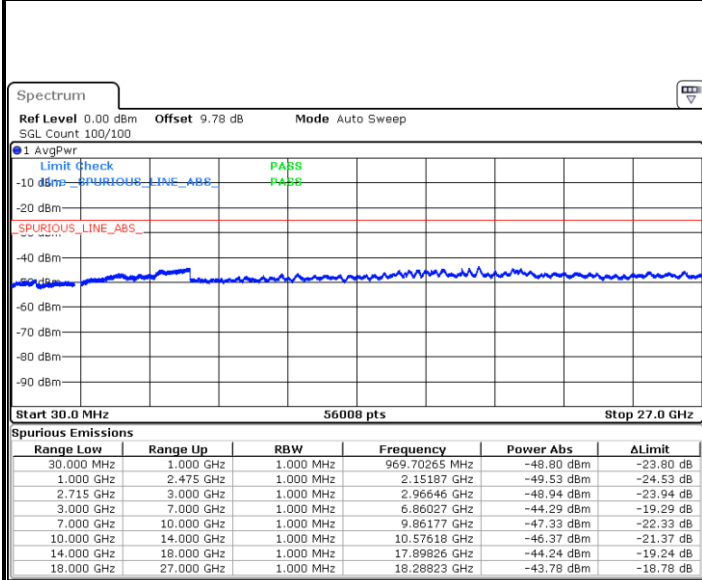


Date: 5 SEP.2020 04:07:00



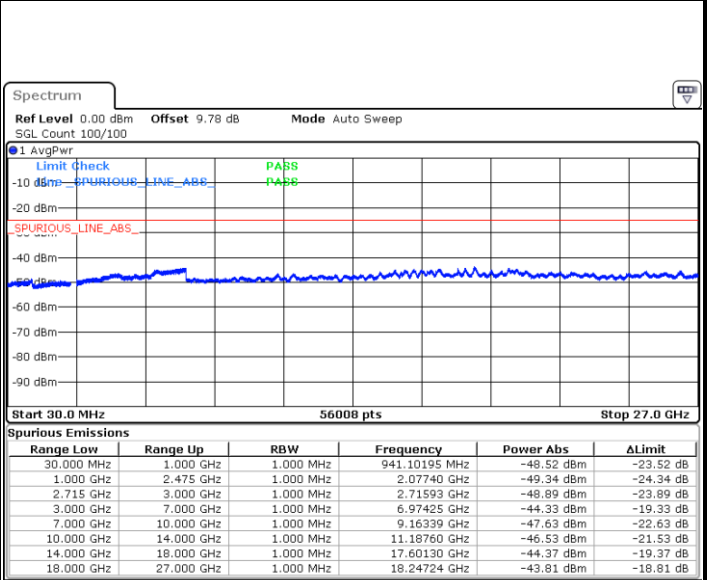
LTE Band 41 / 10MHz

Middle Channel / QPSK



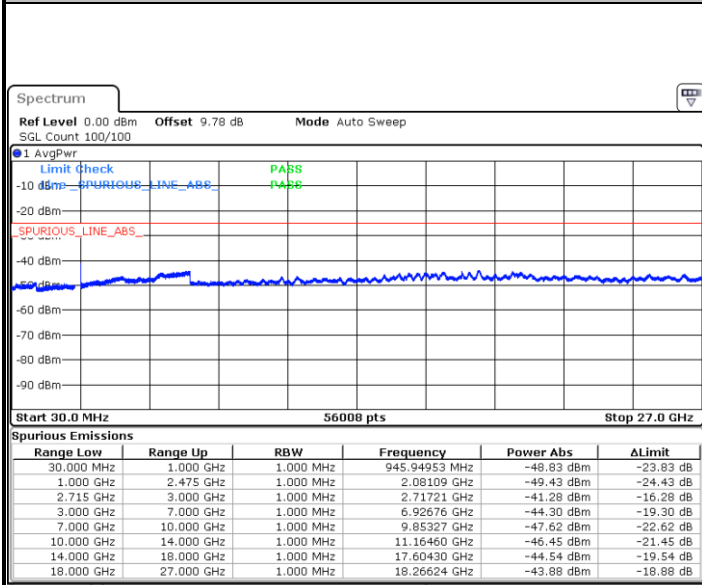
Date: 5 SEP.2020 04:15:10

Middle Channel / 16QAM



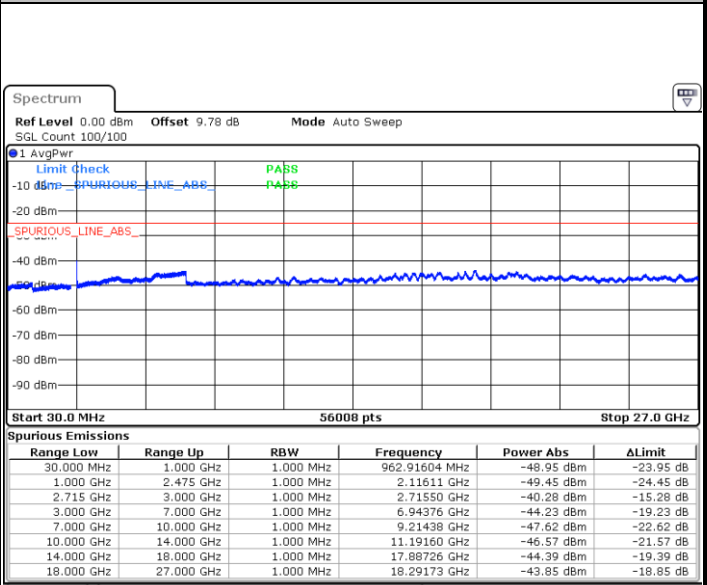
Date: 5 SEP.2020 04:14:21

Highest Channel / QPSK



Date: 5 SEP.2020 04:23:33

Highest Channel / 16QAM



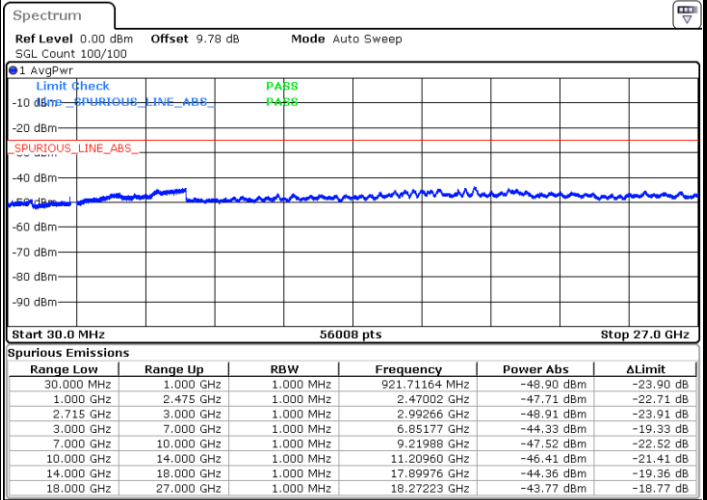
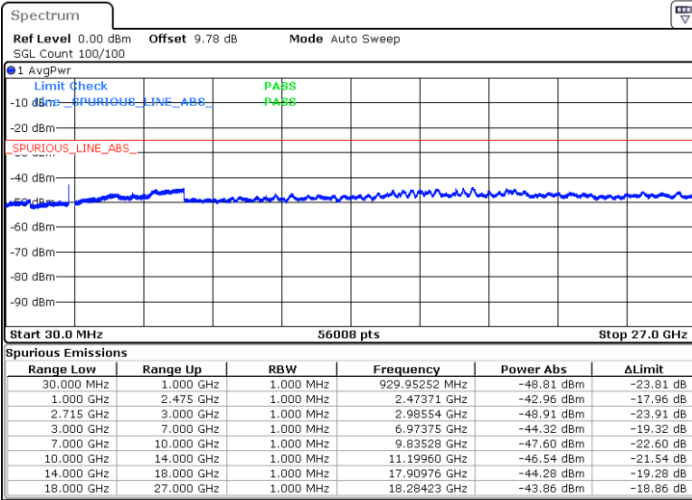
Date: 5 SEP.2020 04:24:21



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

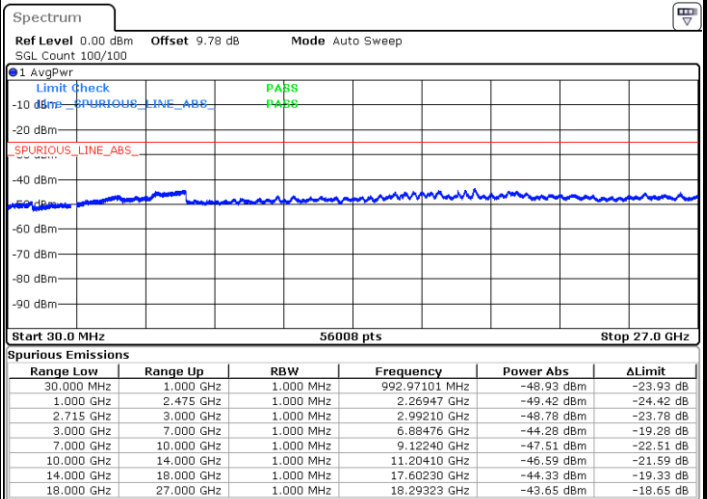
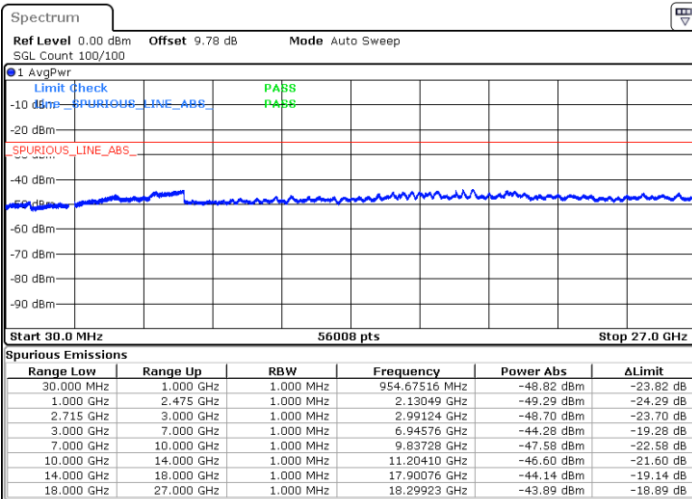


Date: 5 SEP.2020 04:33:24

Date: 5 SEP.2020 05:06:43

Middle Channel / QPSK

Middle Channel / 16QAM



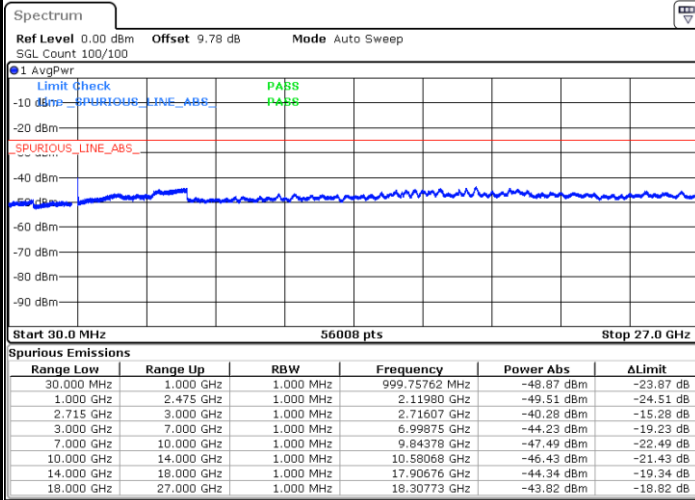
Date: 5 SEP.2020 05:12:38

Date: 5 SEP.2020 05:11:37



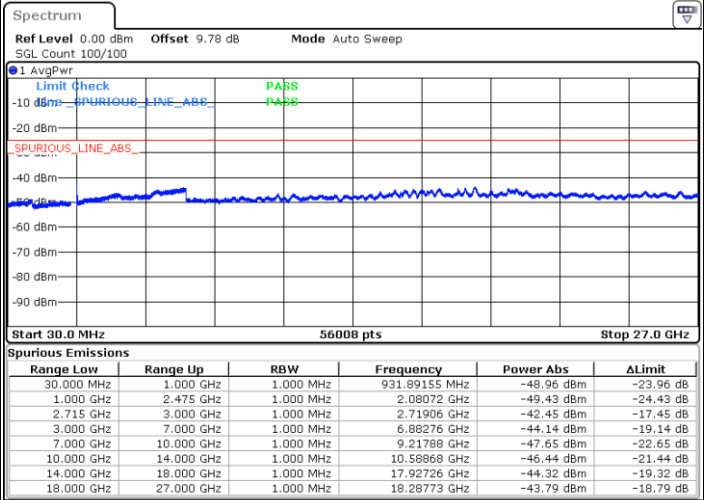
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 5 SEP.2020 05:17:20

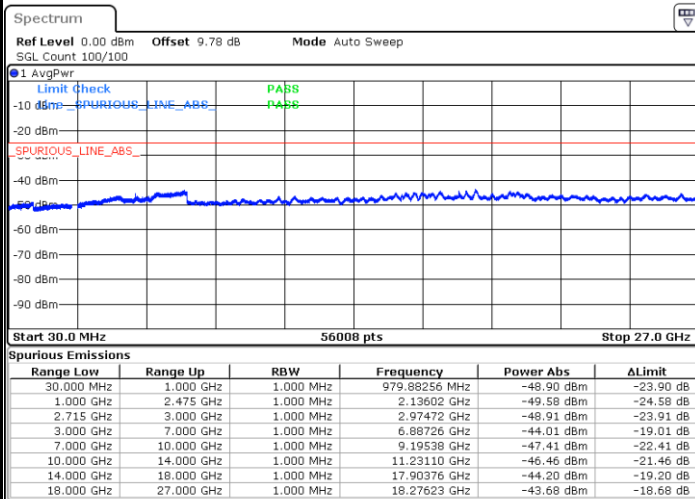
Highest Channel / 16QAM



Date: 5 SEP.2020 05:18:11

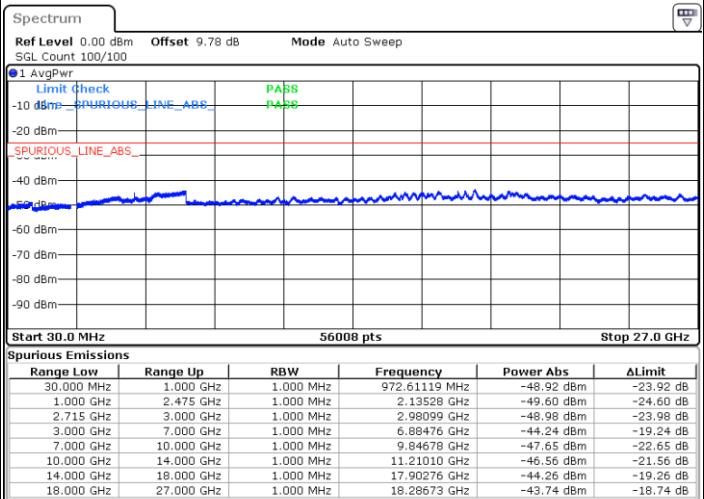
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 5 SEP.2020 05:34:45

Lowest Channel / 16QAM

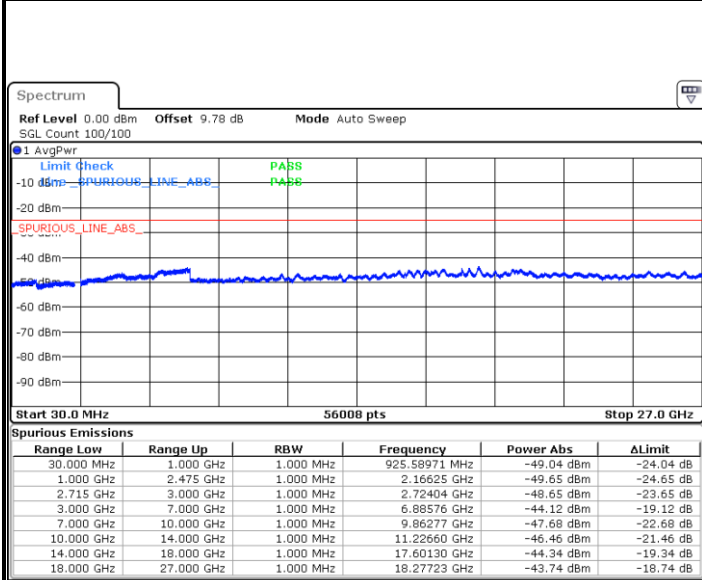


Date: 5 SEP.2020 05:31:29



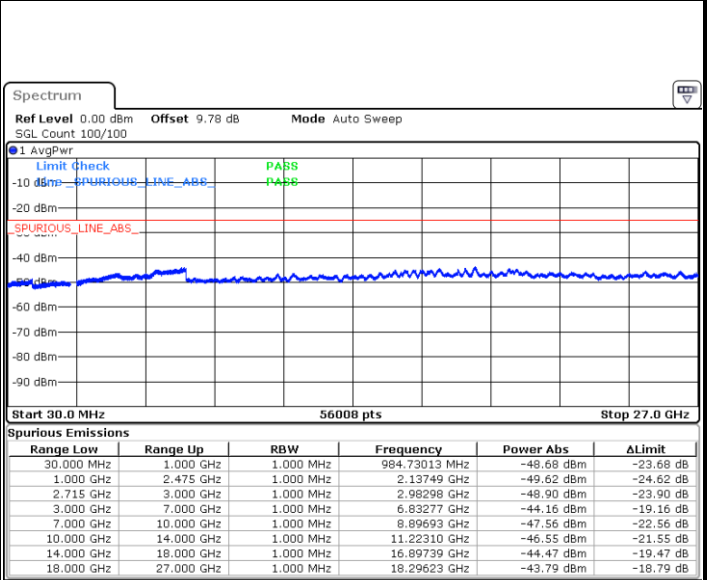
LTE Band 41 / 20MHz

Middle Channel / QPSK



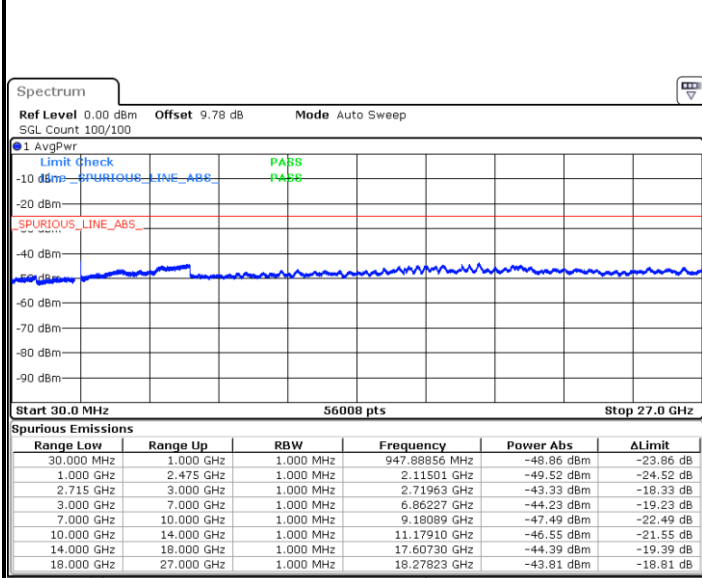
Date: 5 SEP.2020 05:36:03

Middle Channel / 16QAM



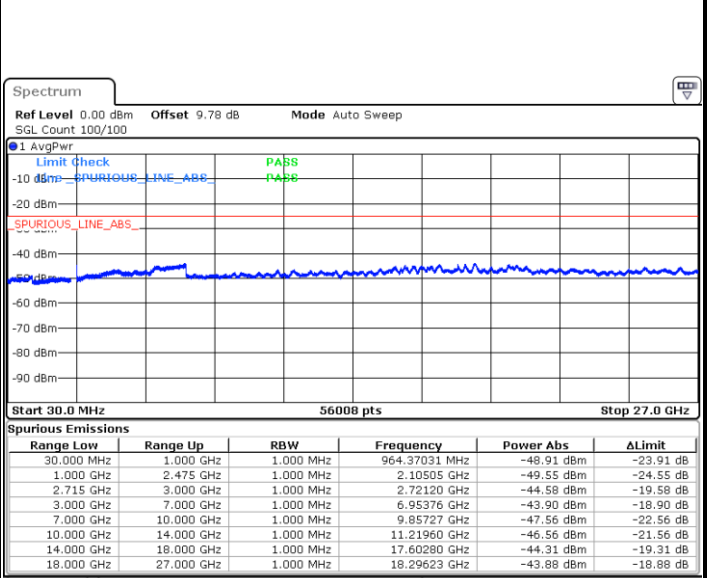
Date: 5 SEP.2020 05:37:13

Highest Channel / QPSK



Date: 5 SEP.2020 05:51:03

Highest Channel / 16QAM



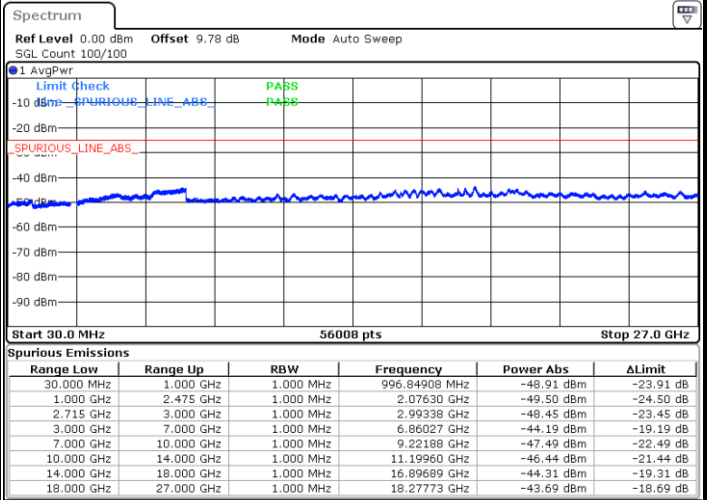
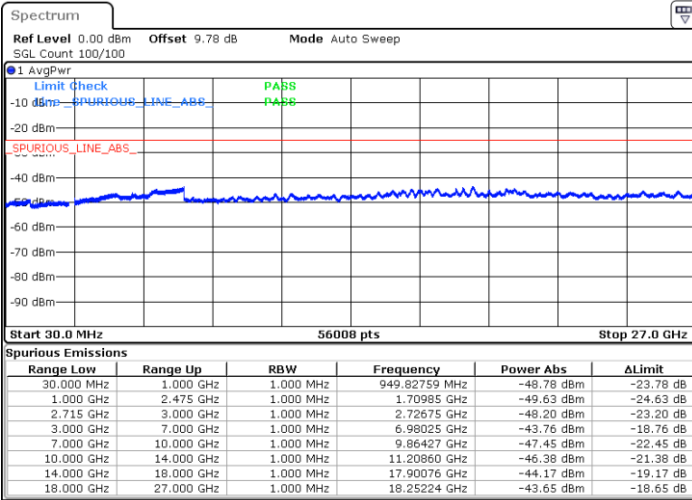
Date: 5 SEP.2020 05:49:51



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

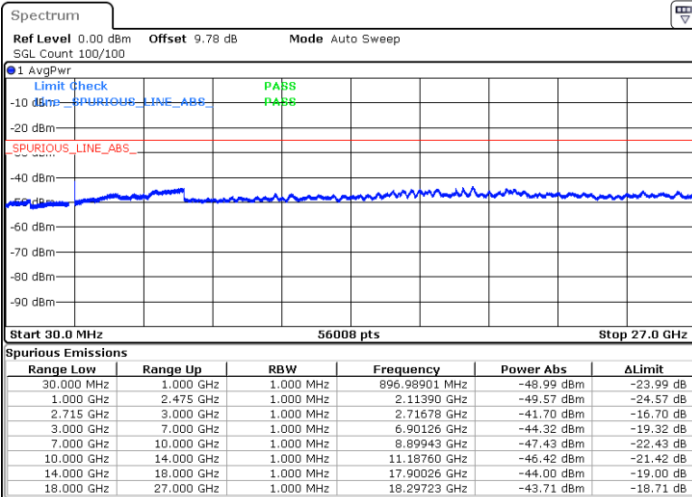
Middle Channel / 64QAM



Date: 5 SEP.2020 03:28:10

Date: 5 SEP.2020 03:38:08

Highest Channel / 64QAM



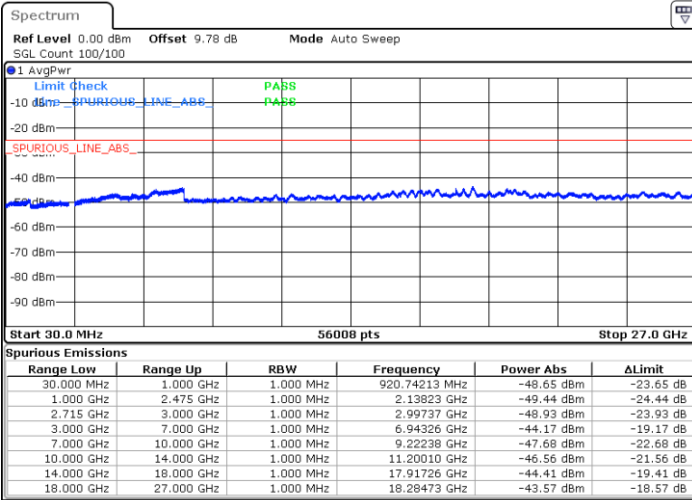
Date: 5 SEP.2020 03:45:03



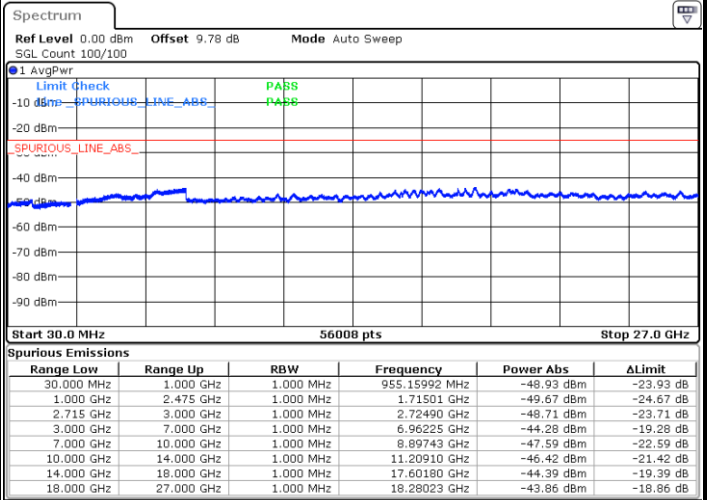
LTE Band 41 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

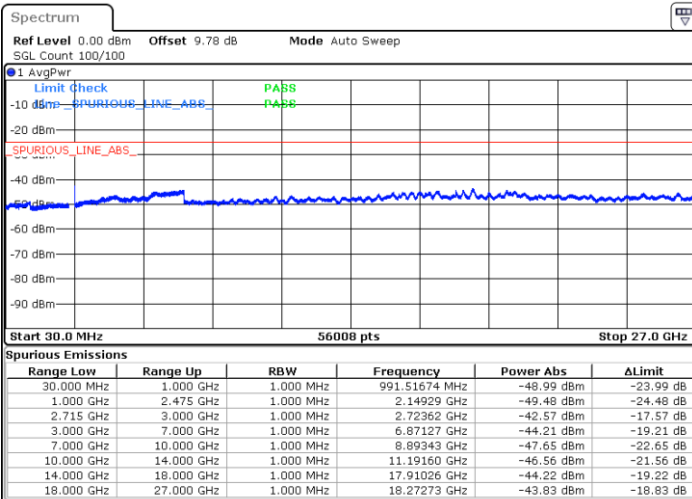


Date: 5 SEP.2020 04:11:58



Date: 5 SEP.2020 04:13:27

Highest Channel / 64QAM



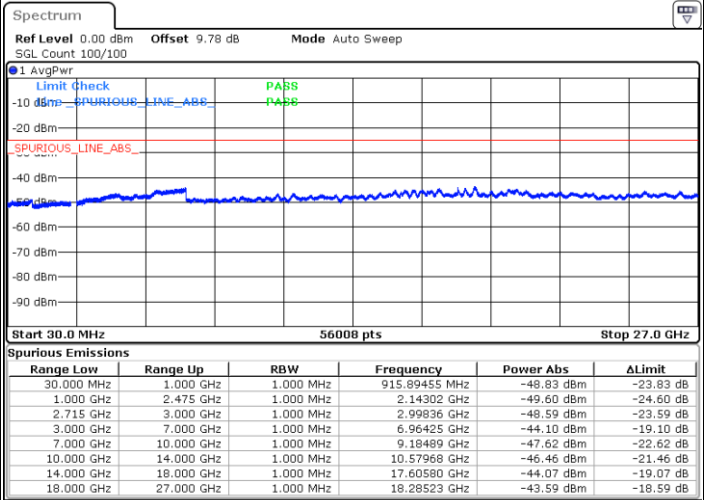
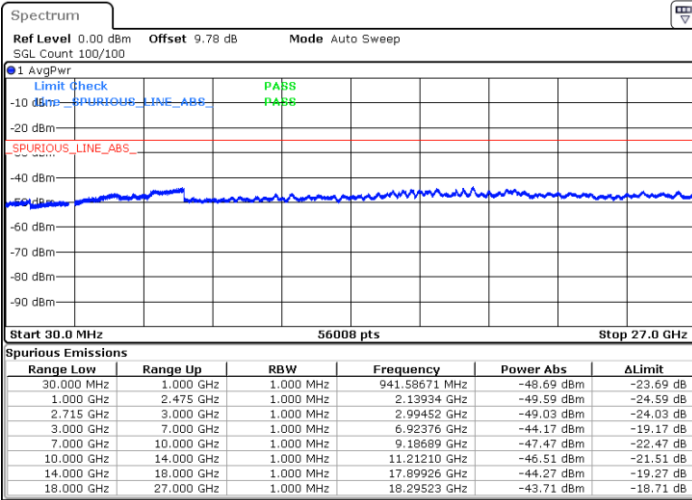
Date: 5 SEP.2020 04:25:15



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

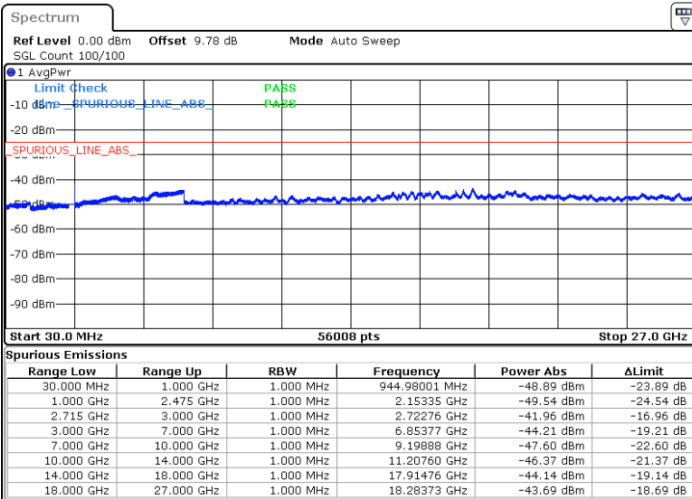
Middle Channel / 64QAM



Date: 5 SEP.2020 05:09:22

Date: 5 SEP.2020 05:10:50

Highest Channel / 64QAM



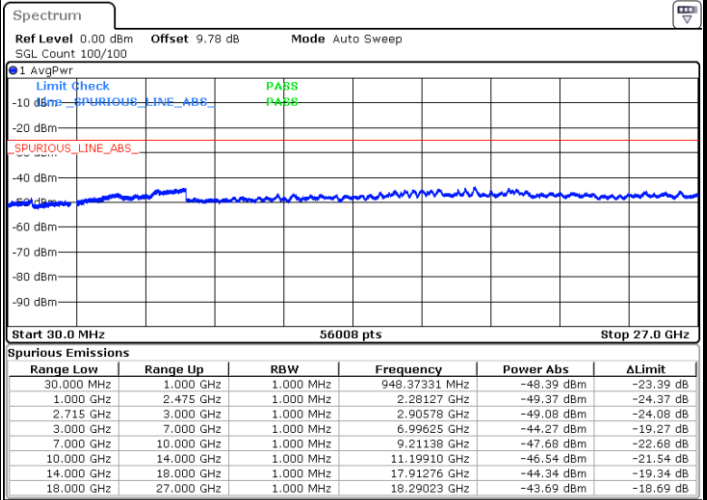
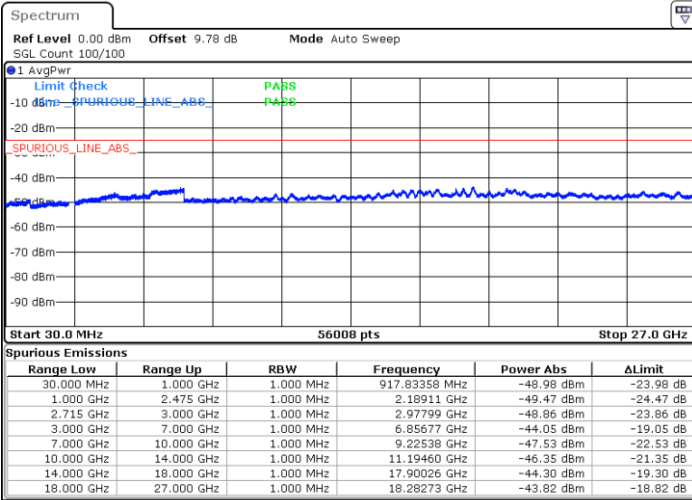
Date: 5 SEP.2020 05:19:34



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

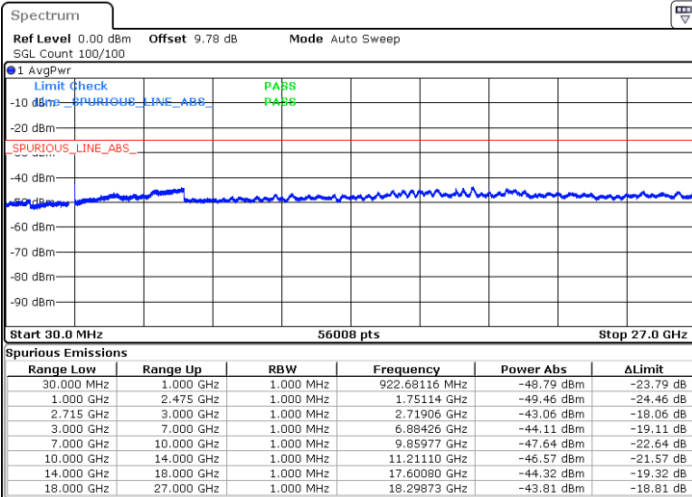
Middle Channel / 64QAM



Date: 5 SEP.2020 05:28:59

Date: 5 SEP.2020 05:38:12

Highest Channel / 64QAM



Date: 5 SEP.2020 05:47:50



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	0.0013	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 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	24.73	25.13	29.91	25.18	30.63
Middle CH	24.73	24.98	29.85	25.28	30.81
Highest CH	24.68	25.03	30.03	25.23	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.93	30.15	34.90	40.12
Middle CH	34.97	24.93	30.09	35.18	39.88
Highest CH	34.97	25.08	29.97	34.90	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	25.13	29.97	25.08	30.57
Middle CH	24.63	24.93	29.79	25.08	30.69
Highest CH	24.68	24.98	29.91	25.08	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.93	30.03	34.97	39.88
Middle CH	35.04	24.98	29.97	34.97	40.12
Highest CH	34.97	24.83	30.09	34.97	40.04

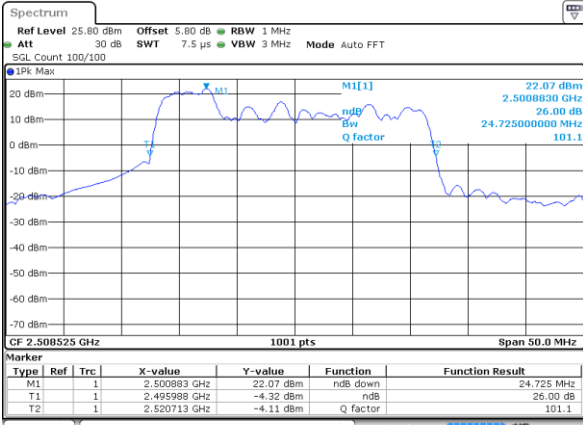
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.63	25.23	29.85	25.13	30.69
Middle CH	24.73	25.18	29.85	25.03	30.63
Highest CH	24.73	24.93	30.09	25.13	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.98	30.09	34.90	39.96
Middle CH	34.97	24.78	29.97	34.97	39.88
Highest CH	34.76	24.83	29.91	34.90	39.72



LTE Band 41C

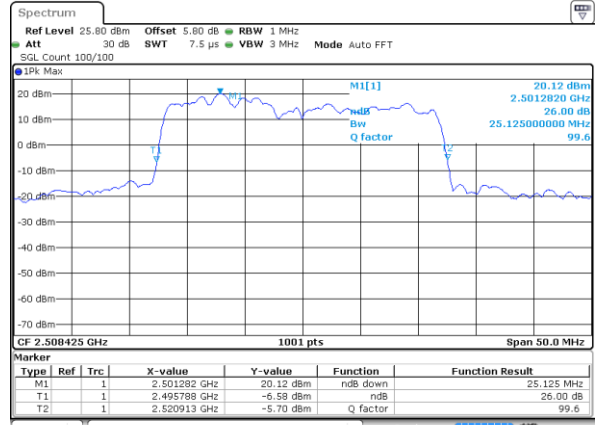
QPSK

Lowest Channel / 5MHz+20MHz



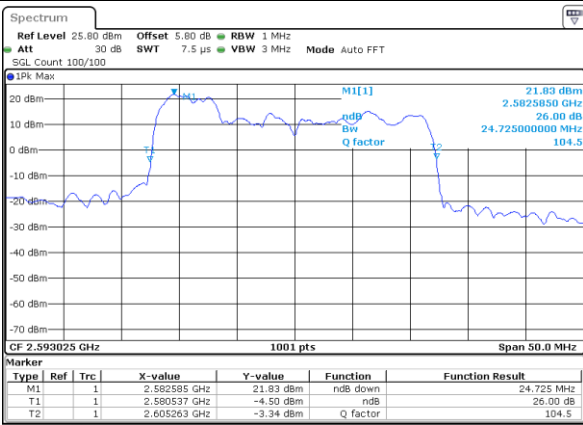
Date: 14 SEP 2020 22:16:44

Lowest Channel / 10MHz+15MHz



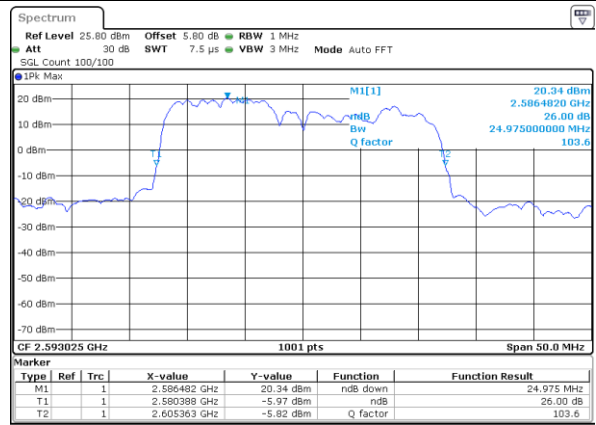
Date: 14 SEP 2020 23:39:06

Middle Channel / 5MHz+20MHz



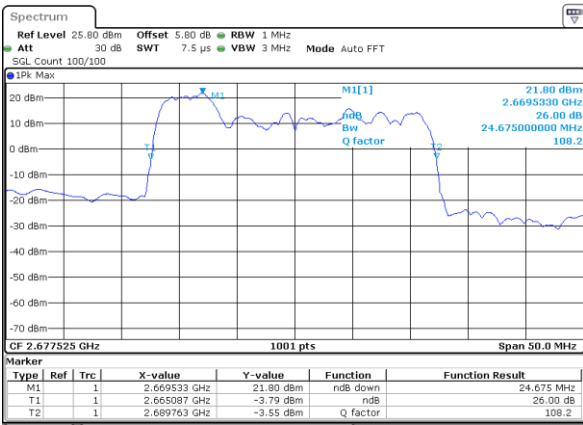
Date: 14 SEP 2020 22:37:03

Middle Channel / 10MHz+15MHz



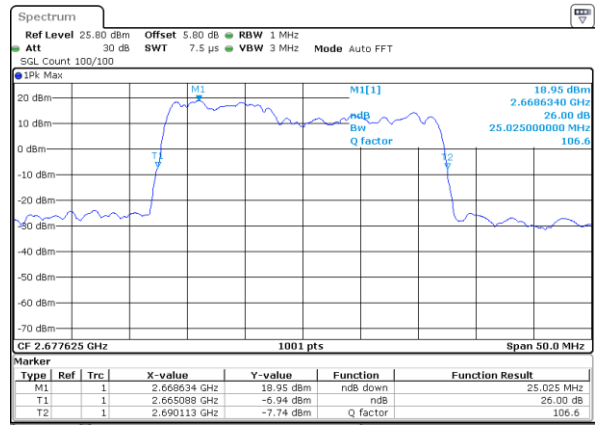
Date: 15 SEP 2020 00:14:41

Highest Channel / 5MHz+20MHz



Date: 14 SEP 2020 22:38:07

Highest Channel / 10MHz+15MHz



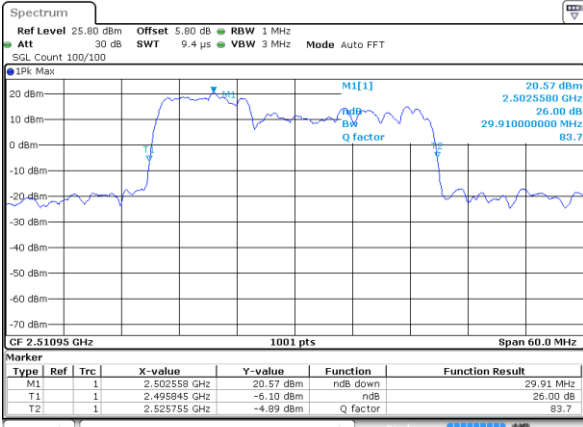
Date: 15 SEP 2020 00:22:06



LTE Band 41C

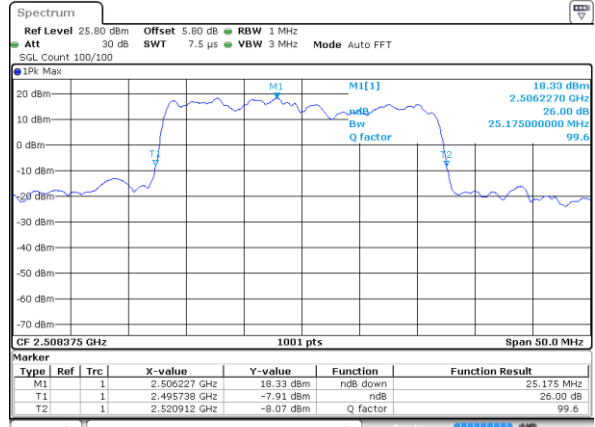
QPSK

Lowest Channel / 10MHz+20MHz



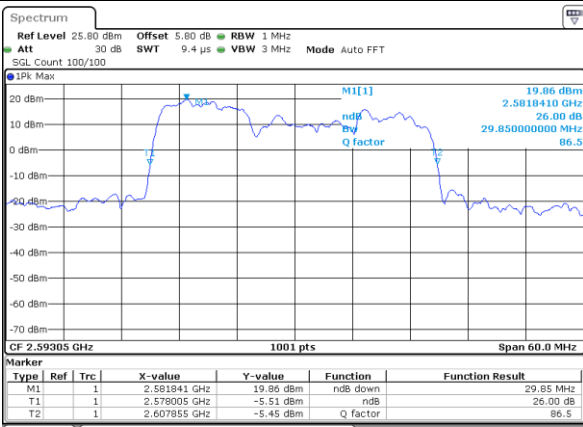
Date: 15 SEP 2020 01:13:10

Lowest Channel / 15MHz+10MHz



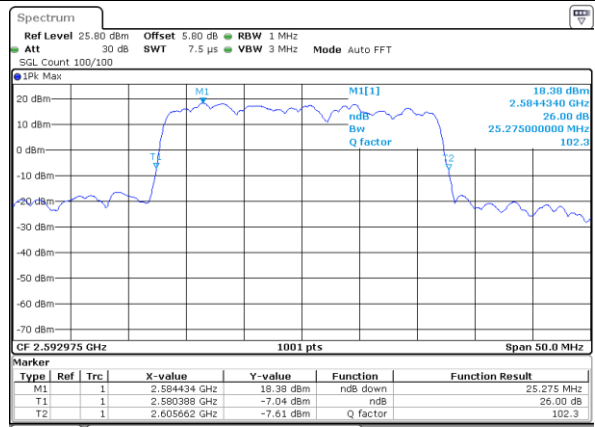
Date: 15 SEP 2020 00:36:04

Middle Channel / 10MHz+20MHz



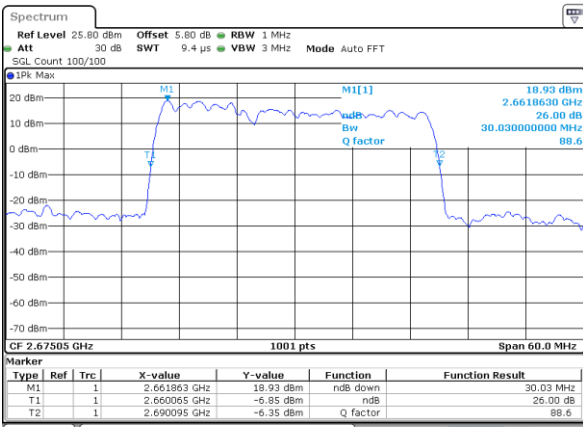
Date: 15 SEP 2020 01:25:38

Middle Channel / 15MHz+10MHz



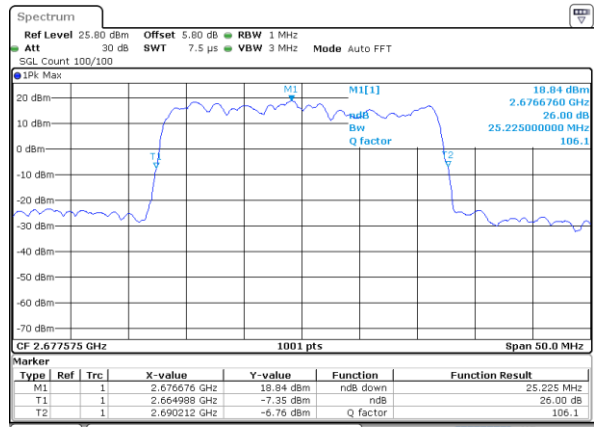
Date: 15 SEP 2020 00:55:32

Highest Channel / 10MHz+20MHz



Date: 15 SEP 2020 01:32:20

Highest Channel / 15MHz+10MHz



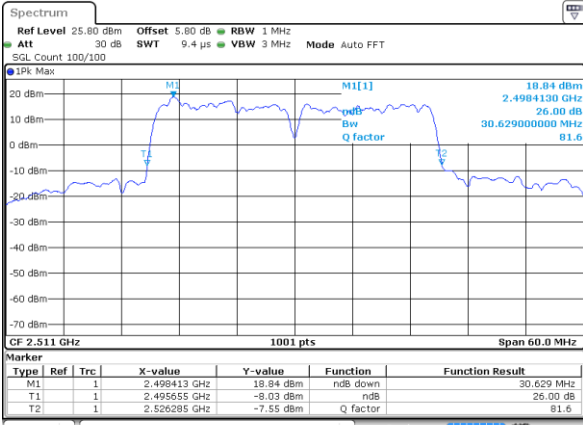
Date: 15 SEP 2020 01:00:25



LTE Band 41C

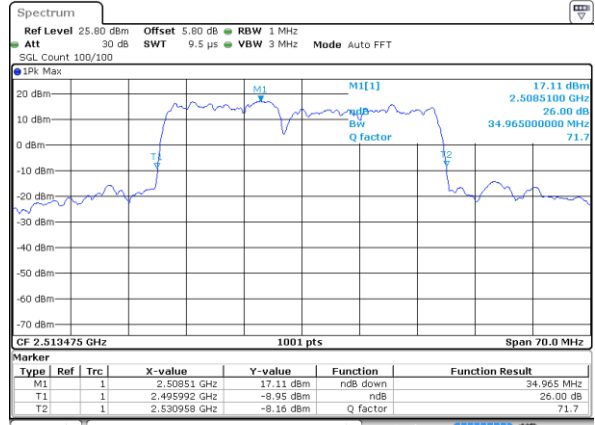
QPSK

Lowest Channel / 15MHz+15MHz



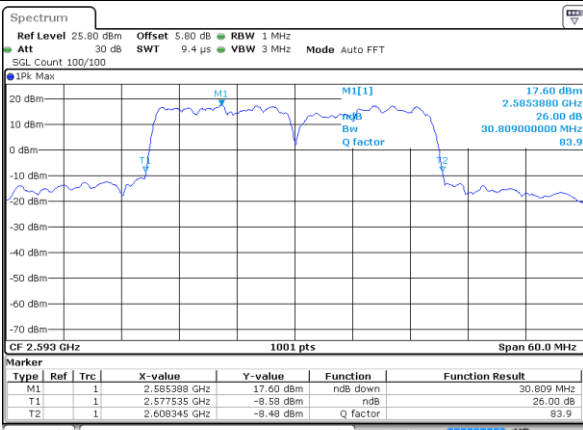
Date: 15 SEP 2020 02:17:58

Lowest Channel / 15MHz+20MHz



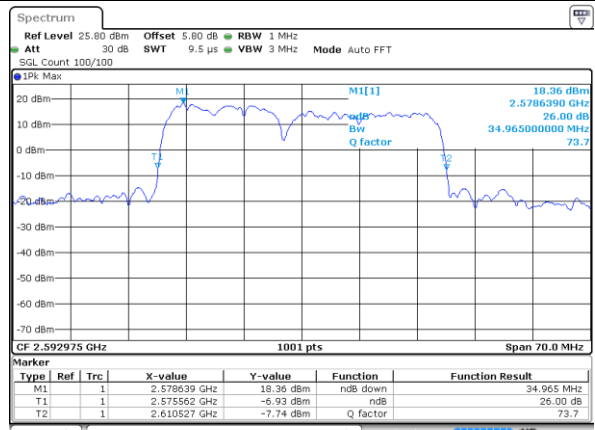
Date: 15 SEP 2020 02:59:45

Middle Channel / 15MHz+15MHz



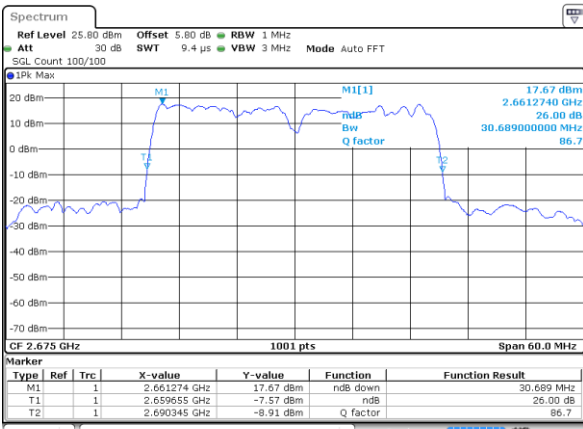
Date: 15 SEP 2020 02:35:24

Middle Channel / 15MHz+20MHz



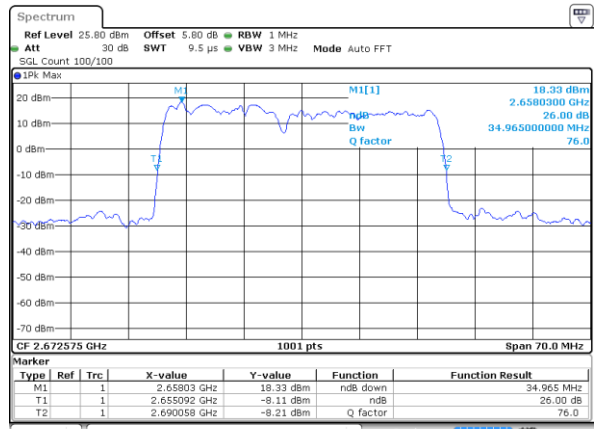
Date: 15 SEP 2020 03:36:53

Highest Channel / 15MHz+15MHz



Date: 15 SEP 2020 02:46:06

Highest Channel / 15MHz+20MHz



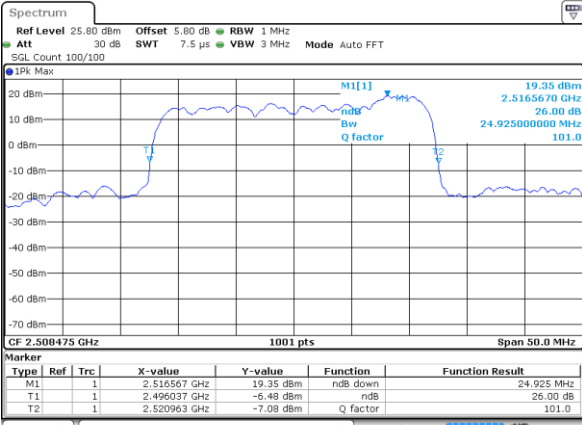
Date: 15 SEP 2020 03:37:59



LTE Band 41C

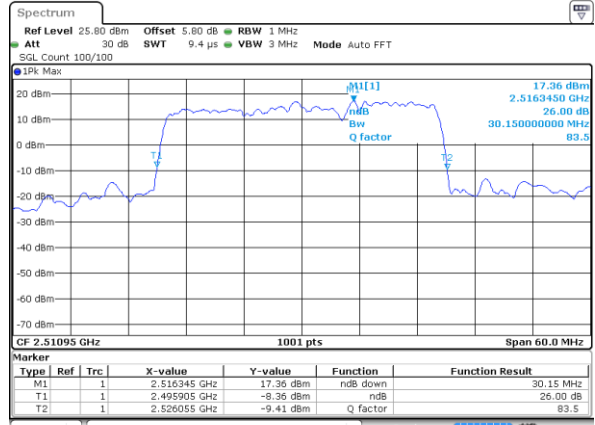
QPSK

Lowest Channel / 20MHz+5MHz



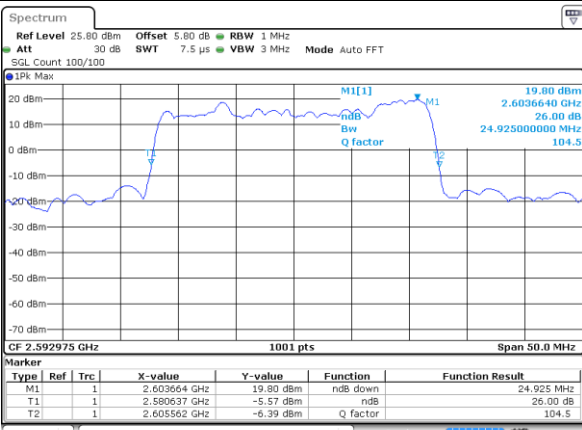
Date: 14 SEP 2020 23:06:28

Lowest Channel / 20MHz+10MHz



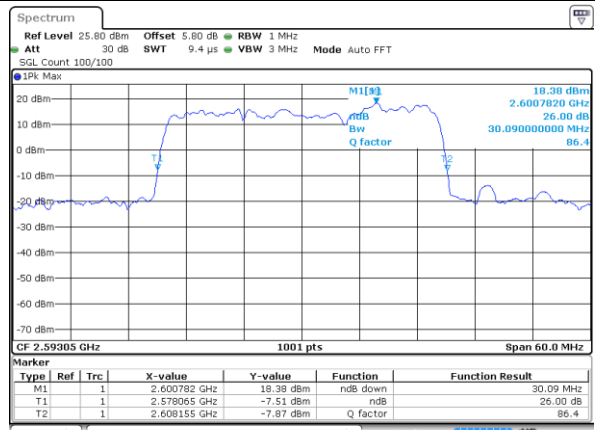
Date: 15 SEP 2020 01:44:32

Middle Channel / 20MHz+5MHz



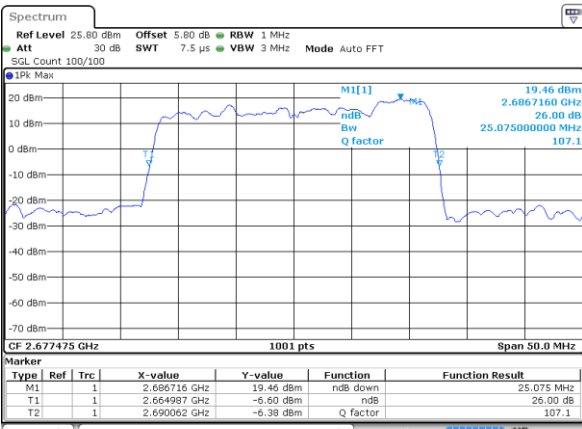
Date: 14 SEP 2020 23:20:33

Middle Channel / 20MHz+10MHz



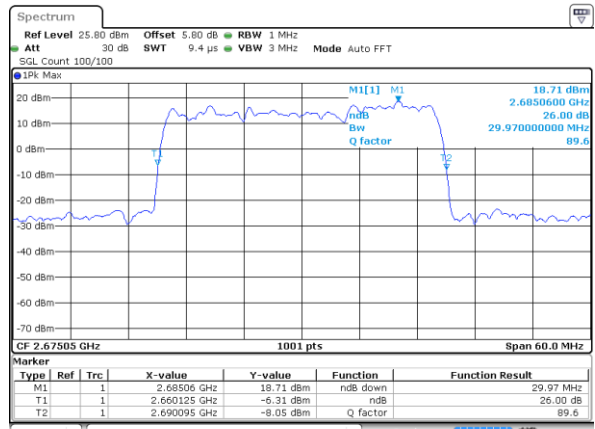
Date: 15 SEP 2020 01:59:36

Highest Channel / 20MHz+5MHz



Date: 14 SEP 2020 23:21:43

Highest Channel / 20MHz+10MHz



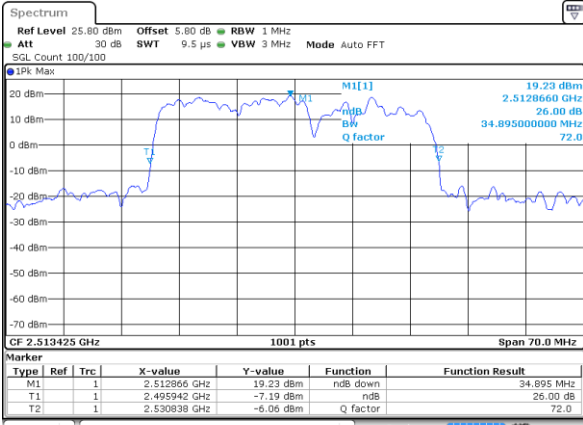
Date: 15 SEP 2020 02:00:48



LTE Band 41C

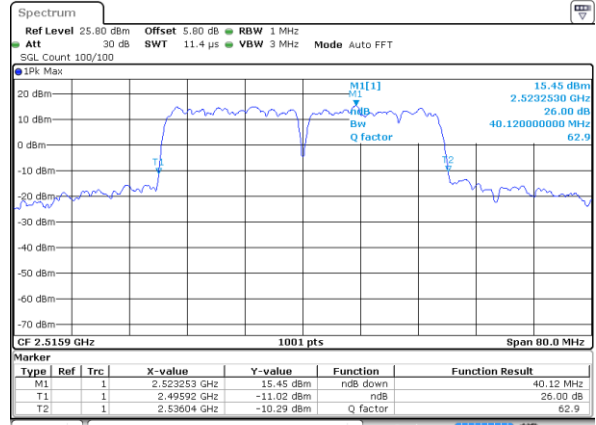
QPSK

Lowest Channel / 20MHz+15MHz



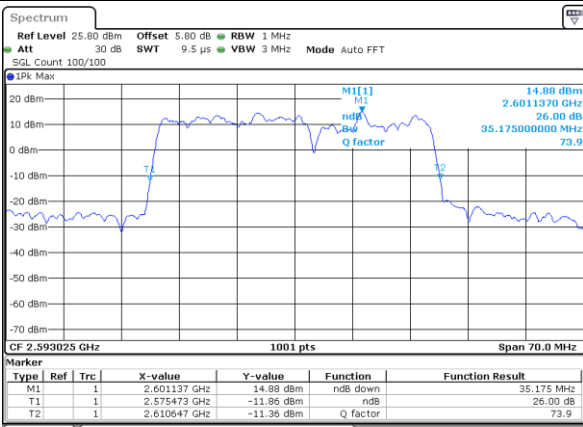
Date: 16 SEP 2020 01:53:32

Lowest Channel / 20MHz+20MHz



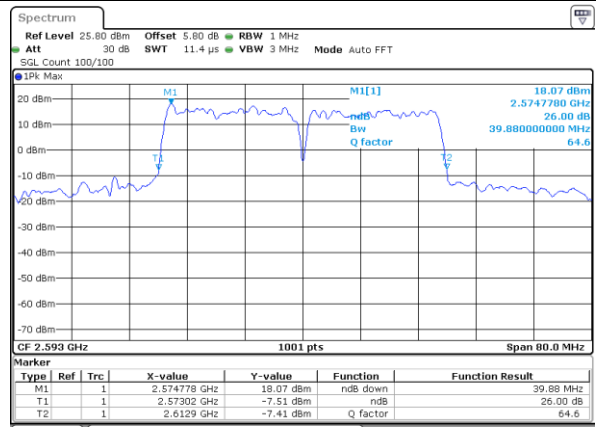
Date: 16 SEP 2020 02:28:08

Middle Channel / 20MHz+15MHz



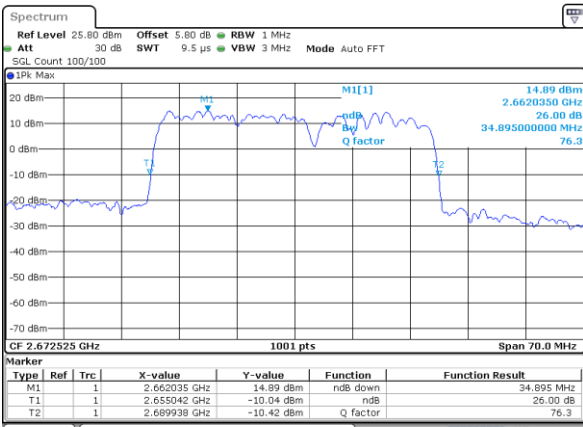
Date: 16 SEP 2020 02:09:55

Middle Channel / 20MHz+20MHz



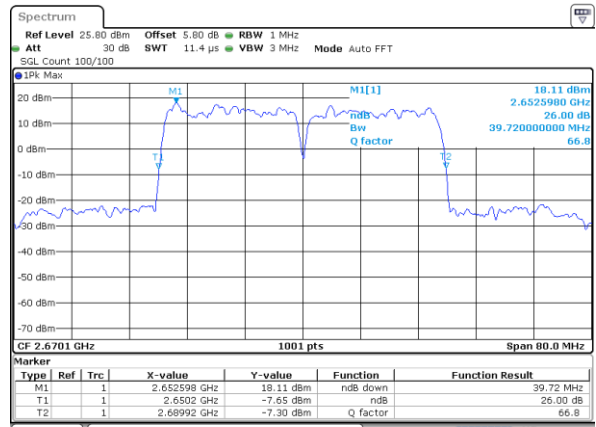
Date: 16 SEP 2020 03:10:47

Highest Channel / 20MHz+15MHz



Date: 16 SEP 2020 02:12:12

Highest Channel / 20MHz+20MHz



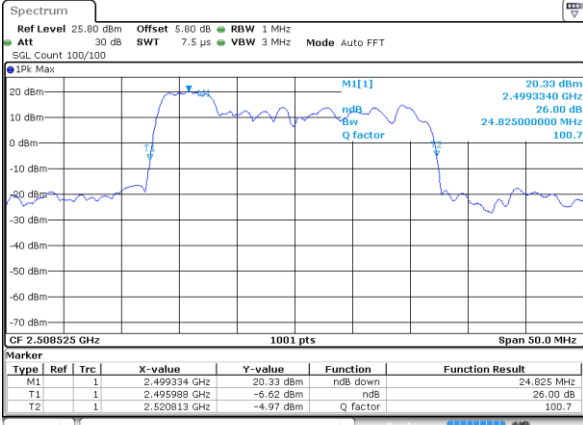
Date: 16 SEP 2020 03:15:04



LTE Band 41C

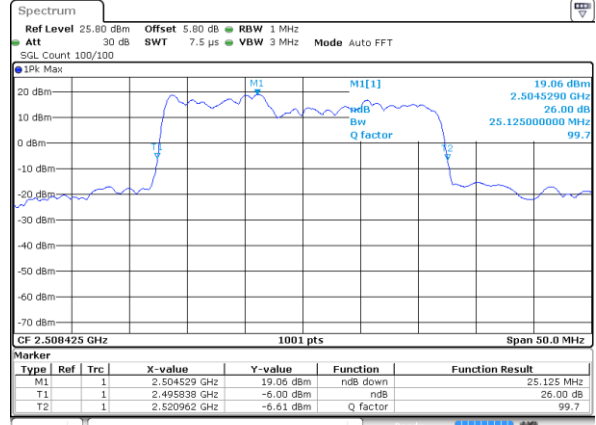
16QAM

Lowest Channel / 5MHz+20MHz



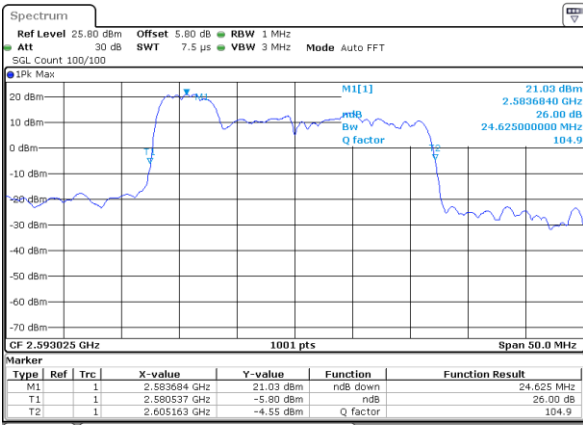
Date: 14 SEP 2020 22:21:11

Lowest Channel / 10MHz+15MHz



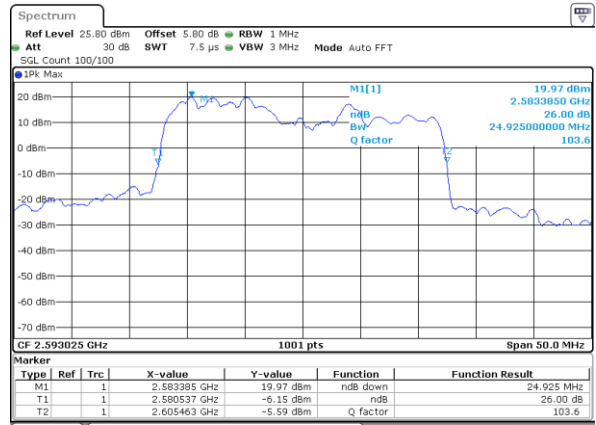
Date: 14 SEP 2020 23:51:21

Middle Channel / 5MHz+20MHz



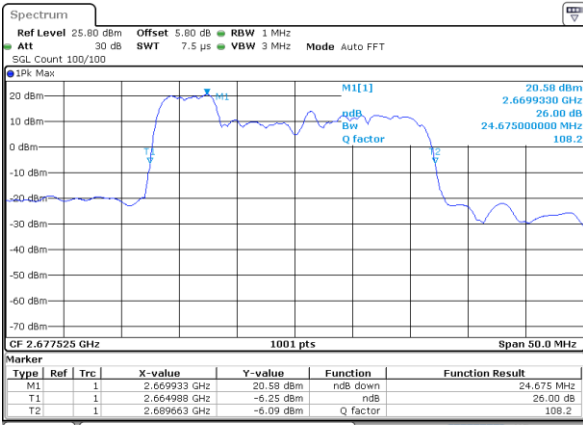
Date: 14 SEP 2020 22:36:46

Middle Channel / 10MHz+15MHz



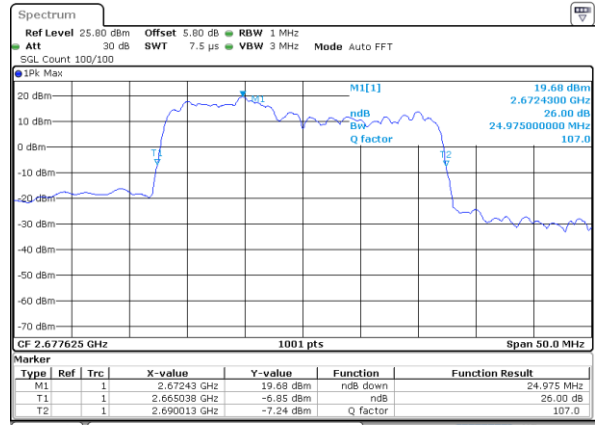
Date: 15 SEP 2020 00:15:39

Highest Channel / 5MHz+20MHz



Date: 14 SEP 2020 22:38:12

Highest Channel / 10MHz+15MHz



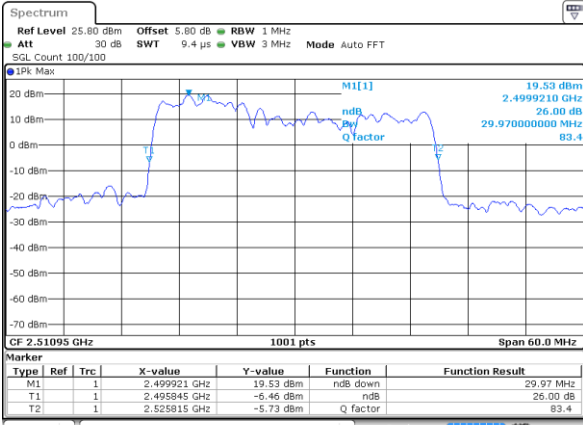
Date: 15 SEP 2020 00:23:19



LTE Band 41C

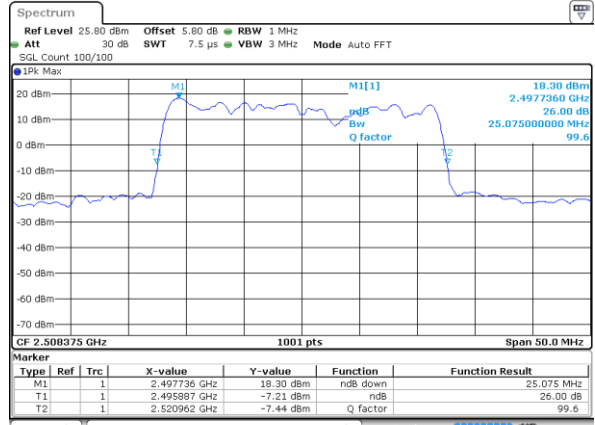
16QAM

Lowest Channel / 10MHz+20MHz



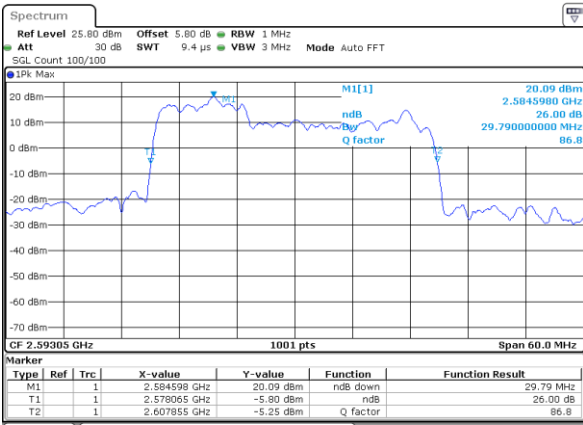
Date: 15 SEP 2020 01:12:26

Lowest Channel / 15MHz+10MHz



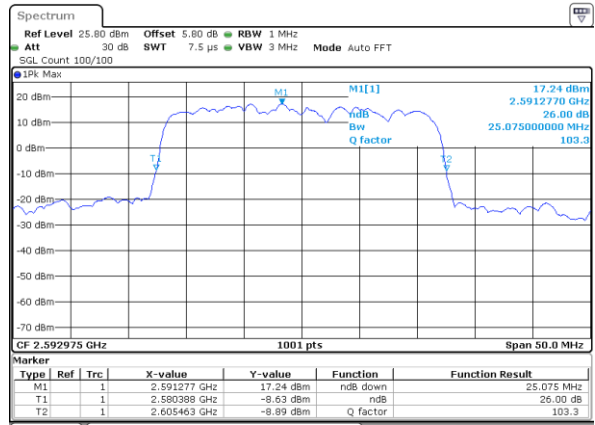
Date: 15 SEP 2020 00:34:40

Middle Channel / 10MHz+20MHz



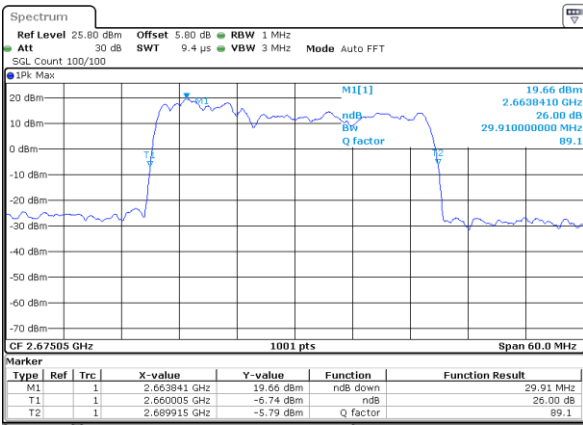
Date: 15 SEP 2020 01:26:06

Middle Channel / 15MHz+10MHz



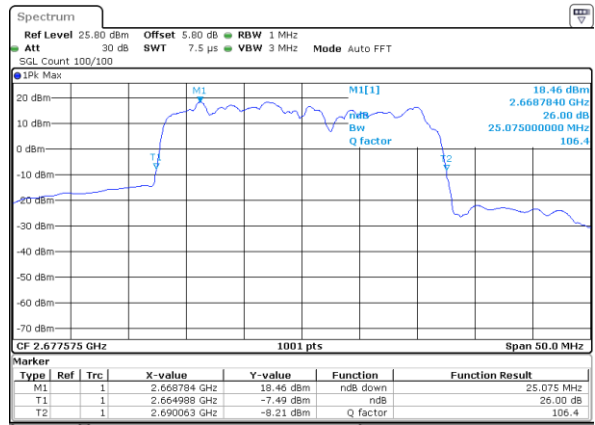
Date: 15 SEP 2020 00:56:01

Highest Channel / 10MHz+20MHz



Date: 15 SEP 2020 01:31:24

Highest Channel / 15MHz+10MHz



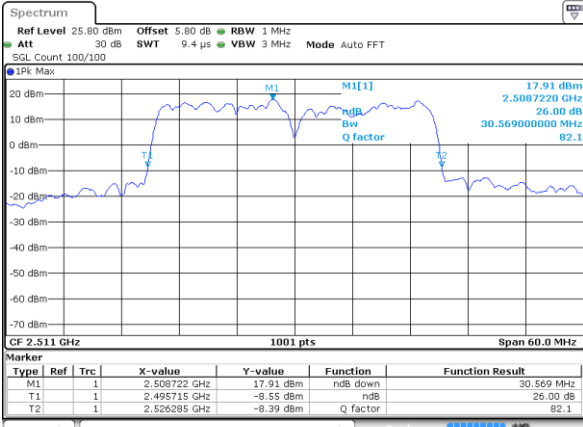
Date: 15 SEP 2020 00:58:26



LTE Band 41C

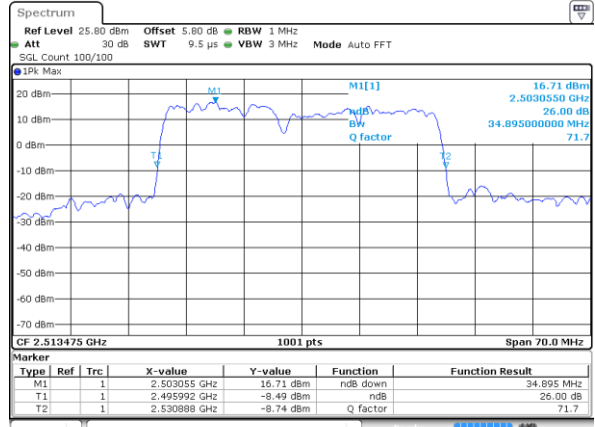
16QAM

Lowest Channel / 15MHz+15MHz



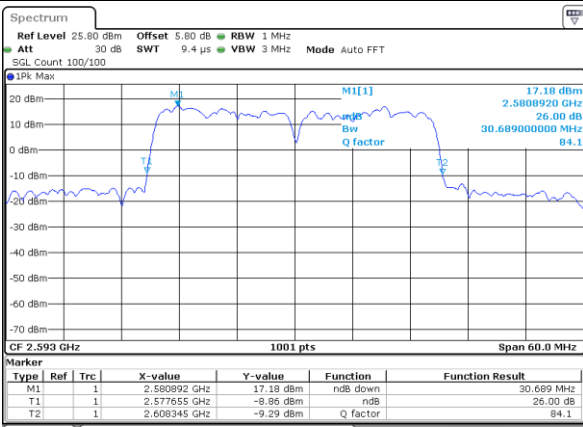
Date: 15 SEP 2020 02:15:39

Lowest Channel / 15MHz+20MHz



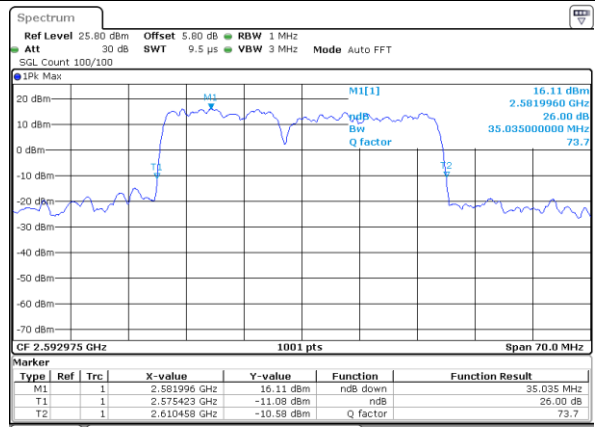
Date: 15 SEP 2020 03:24:56

Middle Channel / 15MHz+15MHz



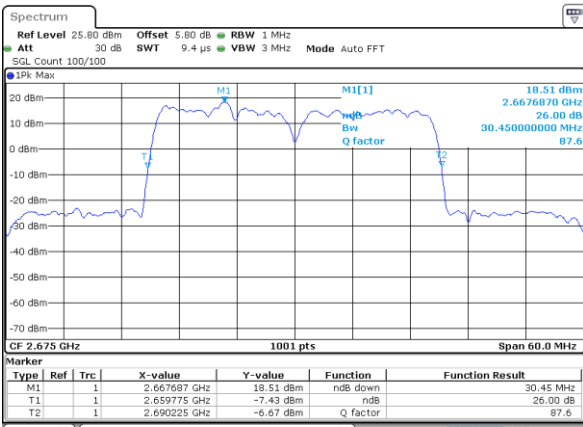
Date: 15 SEP 2020 02:35:47

Middle Channel / 15MHz+20MHz



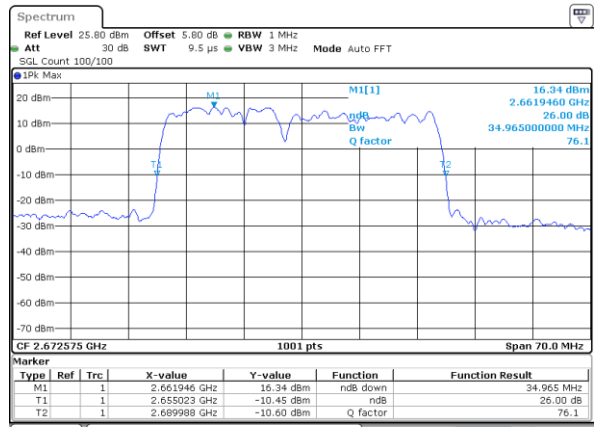
Date: 15 SEP 2020 03:36:29

Highest Channel / 15MHz+15MHz



Date: 15 SEP 2020 02:39:08

Highest Channel / 15MHz+20MHz



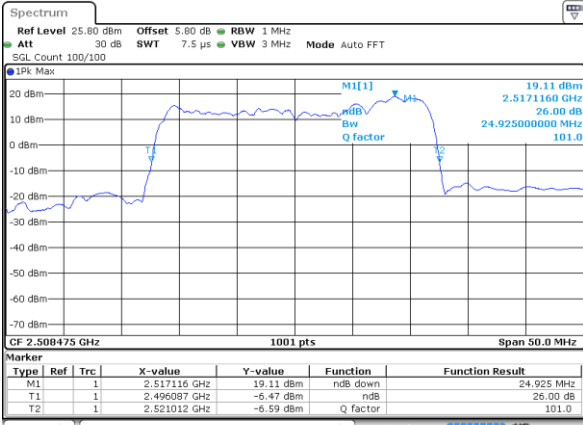
Date: 15 SEP 2020 03:38:55



LTE Band 41C

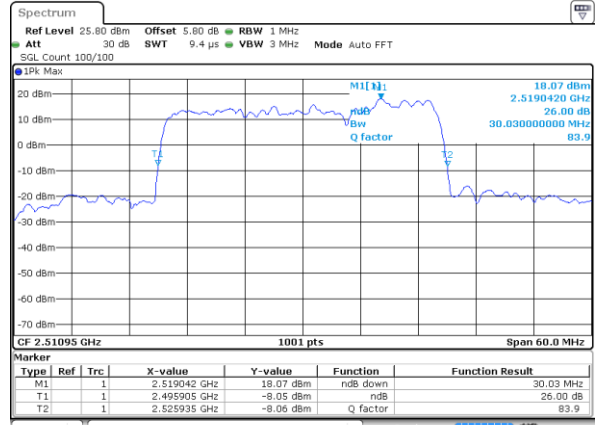
16QAM

Lowest Channel / 20MHz+5MHz



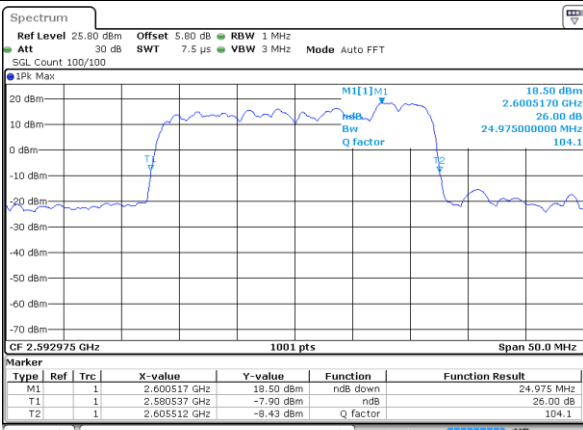
Date: 14 SEP 2020 23:07:43

Lowest Channel / 20MHz+10MHz



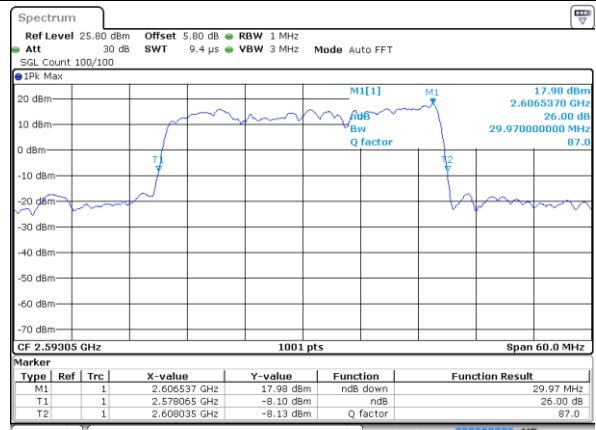
Date: 15 SEP 2020 01:45:52

Middle Channel / 20MHz+5MHz



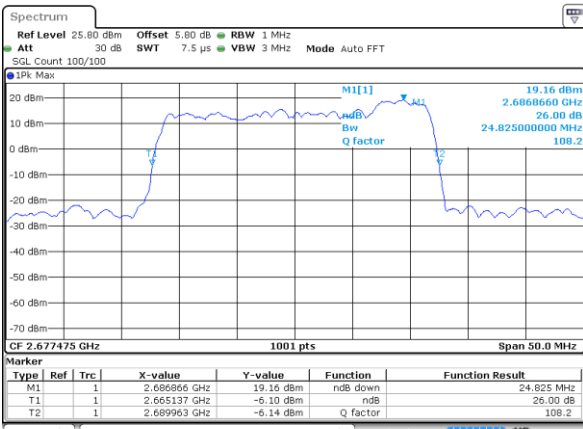
Date: 14 SEP 2020 23:19:19

Middle Channel / 20MHz+10MHz



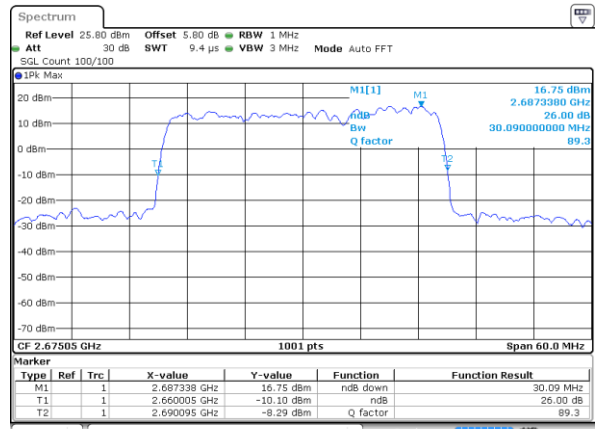
Date: 15 SEP 2020 01:58:55

Highest Channel / 20MHz+5MHz



Date: 14 SEP 2020 23:22:45

Highest Channel / 20MHz+10MHz



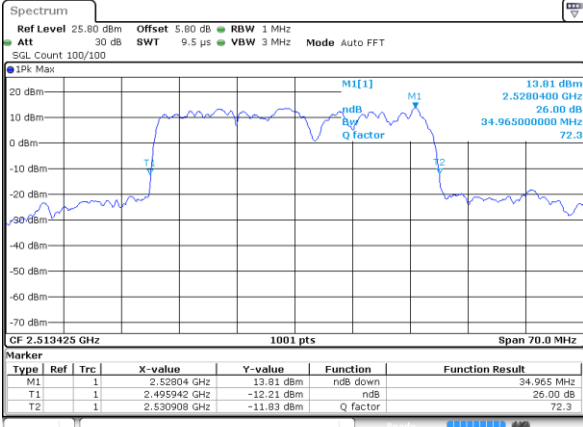
Date: 15 SEP 2020 02:01:50



LTE Band 41C

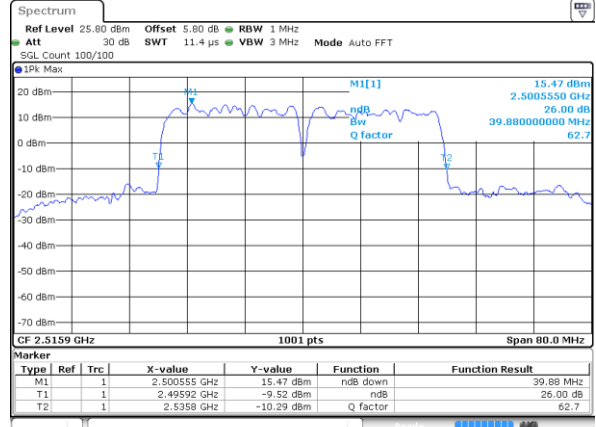
16QAM

Lowest Channel / 20MHz+15MHz



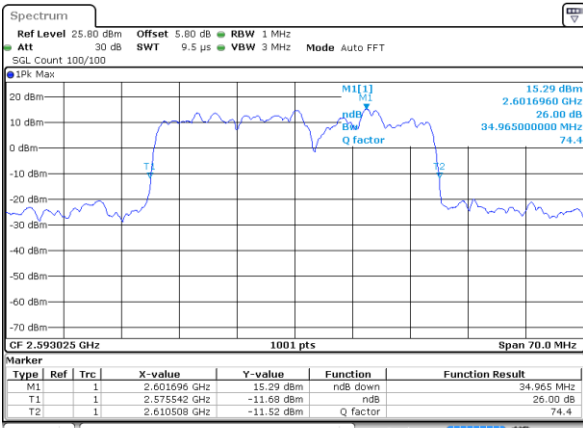
Date: 16 SEP 2020 01:56:57

Lowest Channel / 20MHz+20MHz



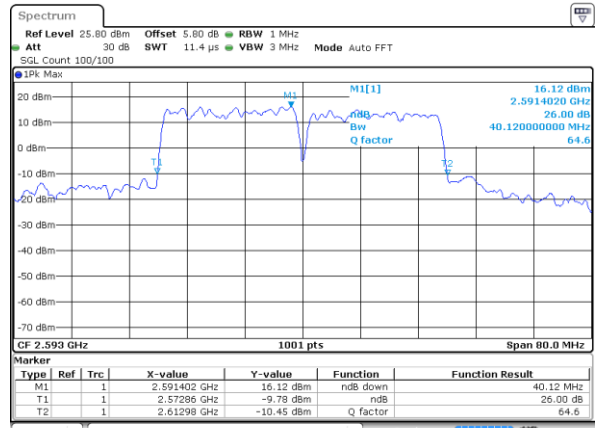
Date: 16 SEP 2020 02:30:48

Middle Channel / 20MHz+15MHz



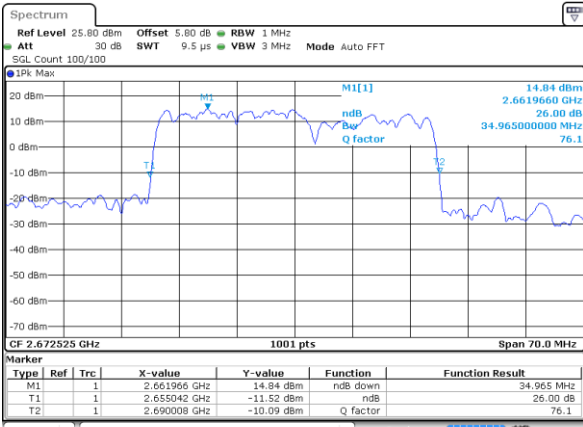
Date: 16 SEP 2020 02:09:32

Middle Channel / 20MHz+20MHz



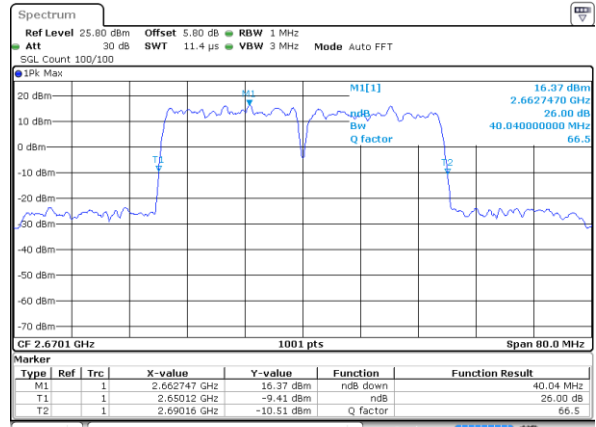
Date: 16 SEP 2020 03:11:09

Highest Channel / 20MHz+15MHz



Date: 16 SEP 2020 02:12:44

Highest Channel / 20MHz+20MHz



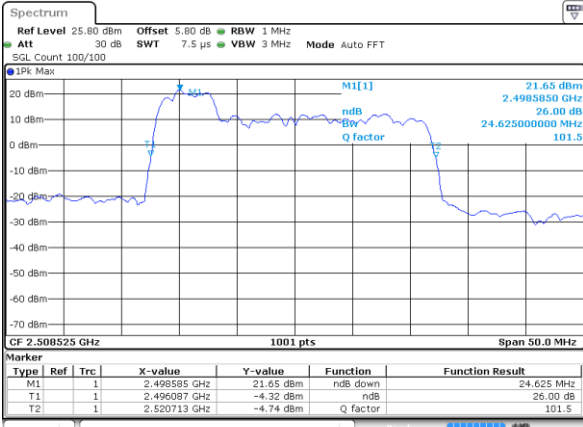
Date: 16 SEP 2020 03:13:59



LTE Band 41C

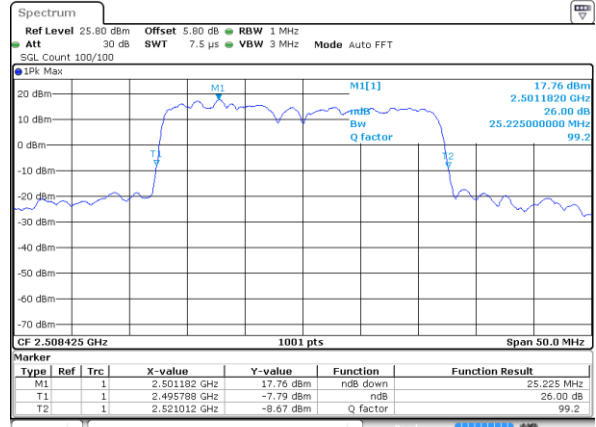
64QAM

Lowest Channel / 5MHz+20MHz



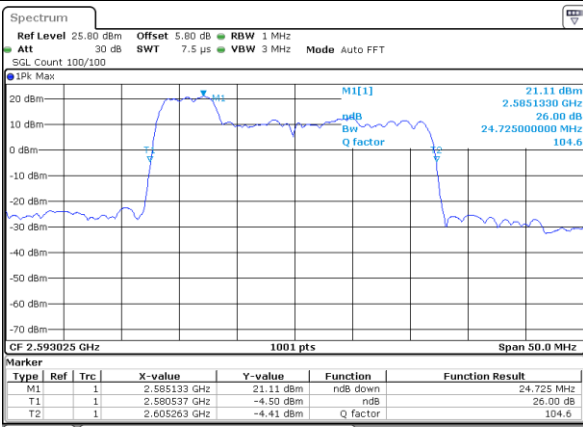
Date: 14 SEP 2020 22:22:41

Lowest Channel / 10MHz+15MHz



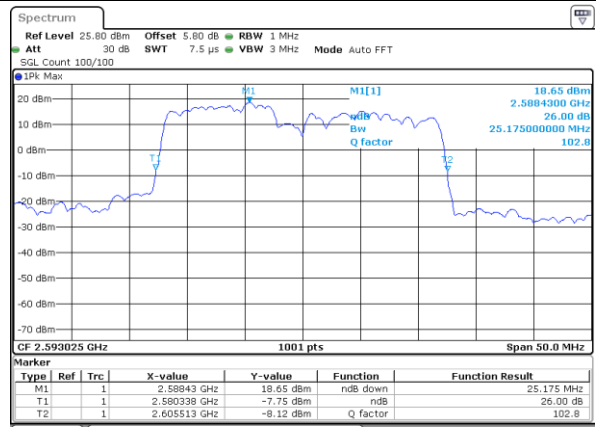
Date: 14 SEP 2020 23:51:51

Middle Channel / 5MHz+20MHz



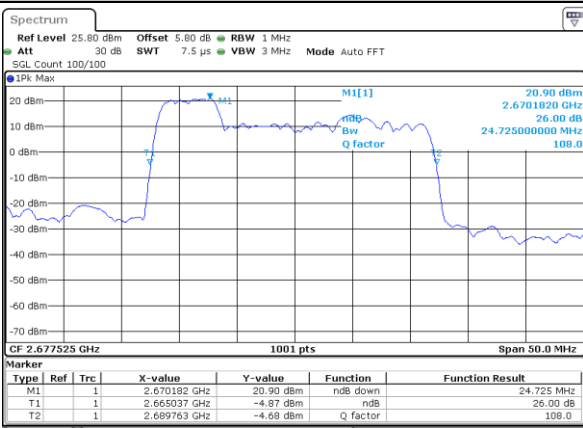
Date: 14 SEP 2020 22:36:22

Middle Channel / 10MHz+15MHz



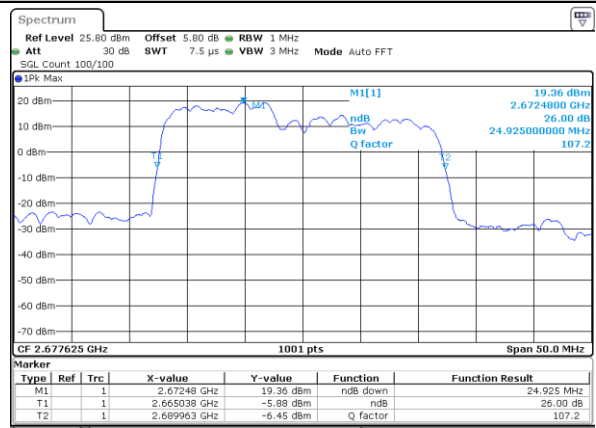
Date: 15 SEP 2020 00:16:13

Highest Channel / 5MHz+20MHz



Date: 14 SEP 2020 22:39:34

Highest Channel / 10MHz+15MHz



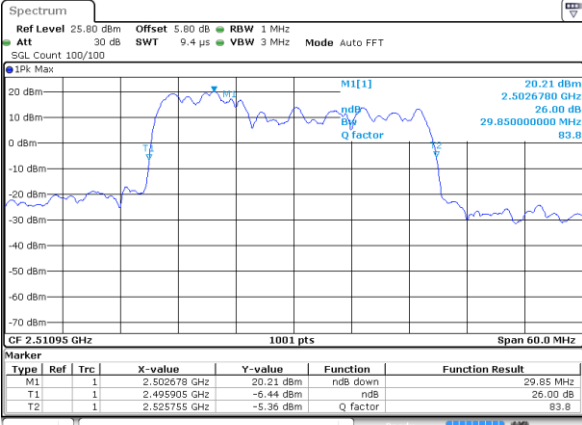
Date: 15 SEP 2020 00:24:00



LTE Band 41C

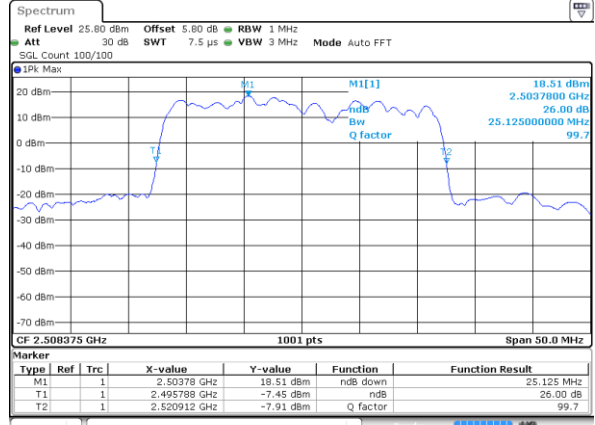
64QAM

Lowest Channel / 10MHz+20MHz



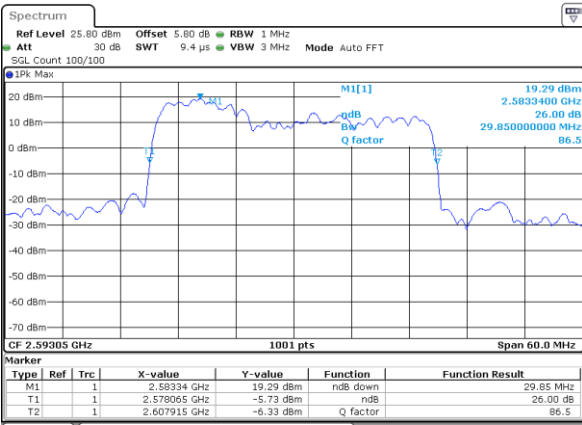
Date: 15 SEP 2020 01:11:32

Lowest Channel / 15MHz+10MHz



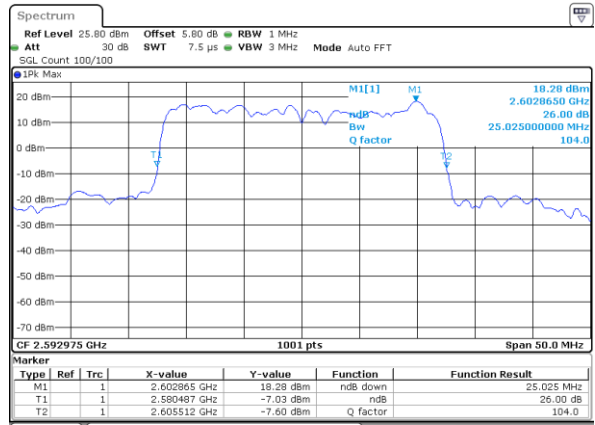
Date: 15 SEP 2020 00:33:29

Middle Channel / 10MHz+20MHz



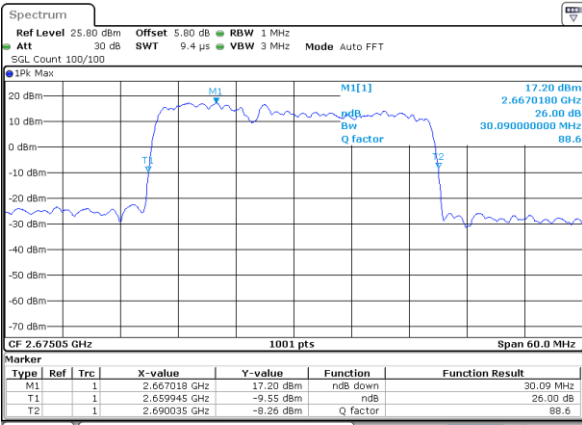
Date: 15 SEP 2020 01:26:27

Middle Channel / 15MHz+10MHz



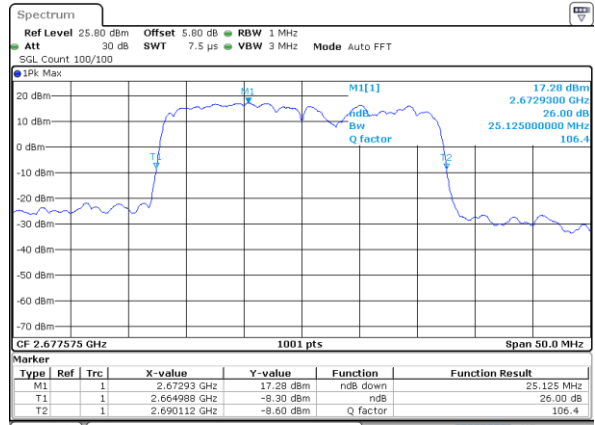
Date: 15 SEP 2020 00:56:26

Highest Channel / 10MHz+20MHz



Date: 15 SEP 2020 01:30:34

Highest Channel / 15MHz+10MHz



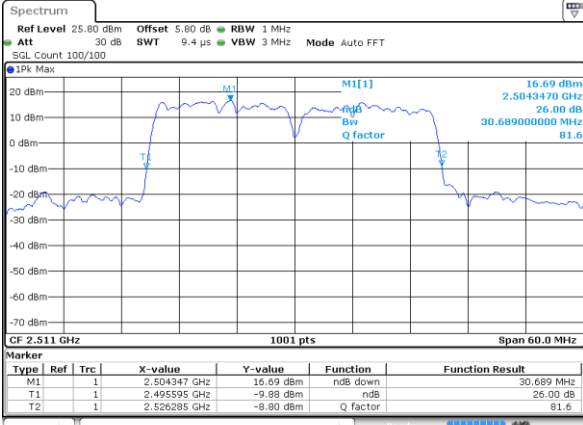
Date: 15 SEP 2020 00:57:58



LTE Band 41C

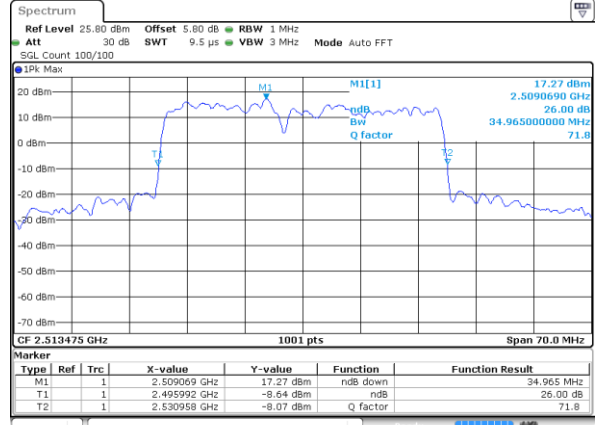
64QAM

Lowest Channel / 15MHz+15MHz



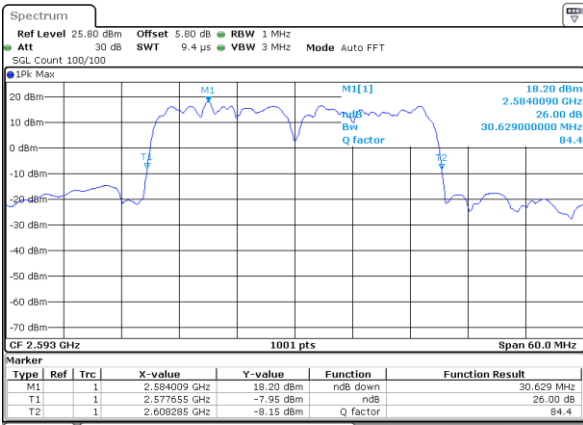
Date: 15 SEP 2020 02:11:51

Lowest Channel / 15MHz+20MHz



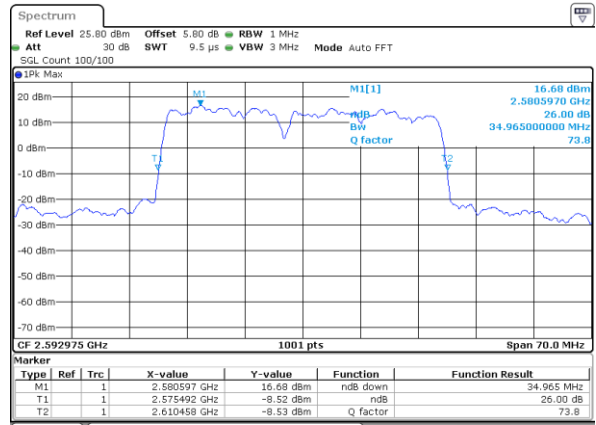
Date: 15 SEP 2020 03:25:53

Middle Channel / 15MHz+15MHz



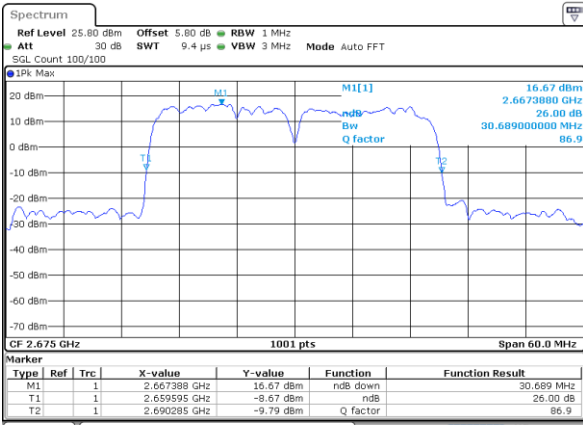
Date: 15 SEP 2020 02:36:24

Middle Channel / 15MHz+20MHz



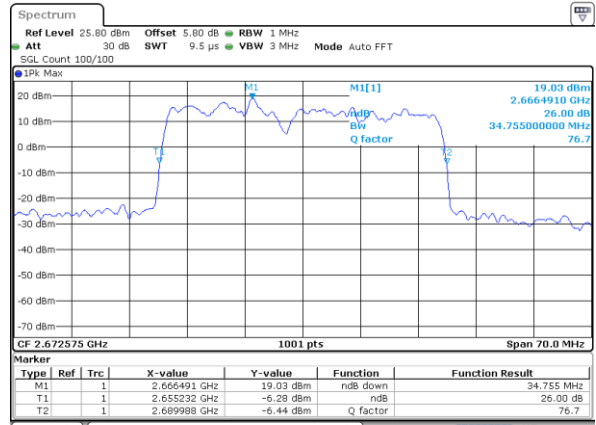
Date: 15 SEP 2020 03:36:01

Highest Channel / 15MHz+15MHz



Date: 15 SEP 2020 02:37:46

Highest Channel / 15MHz+20MHz



Date: 15 SEP 2020 03:40:09