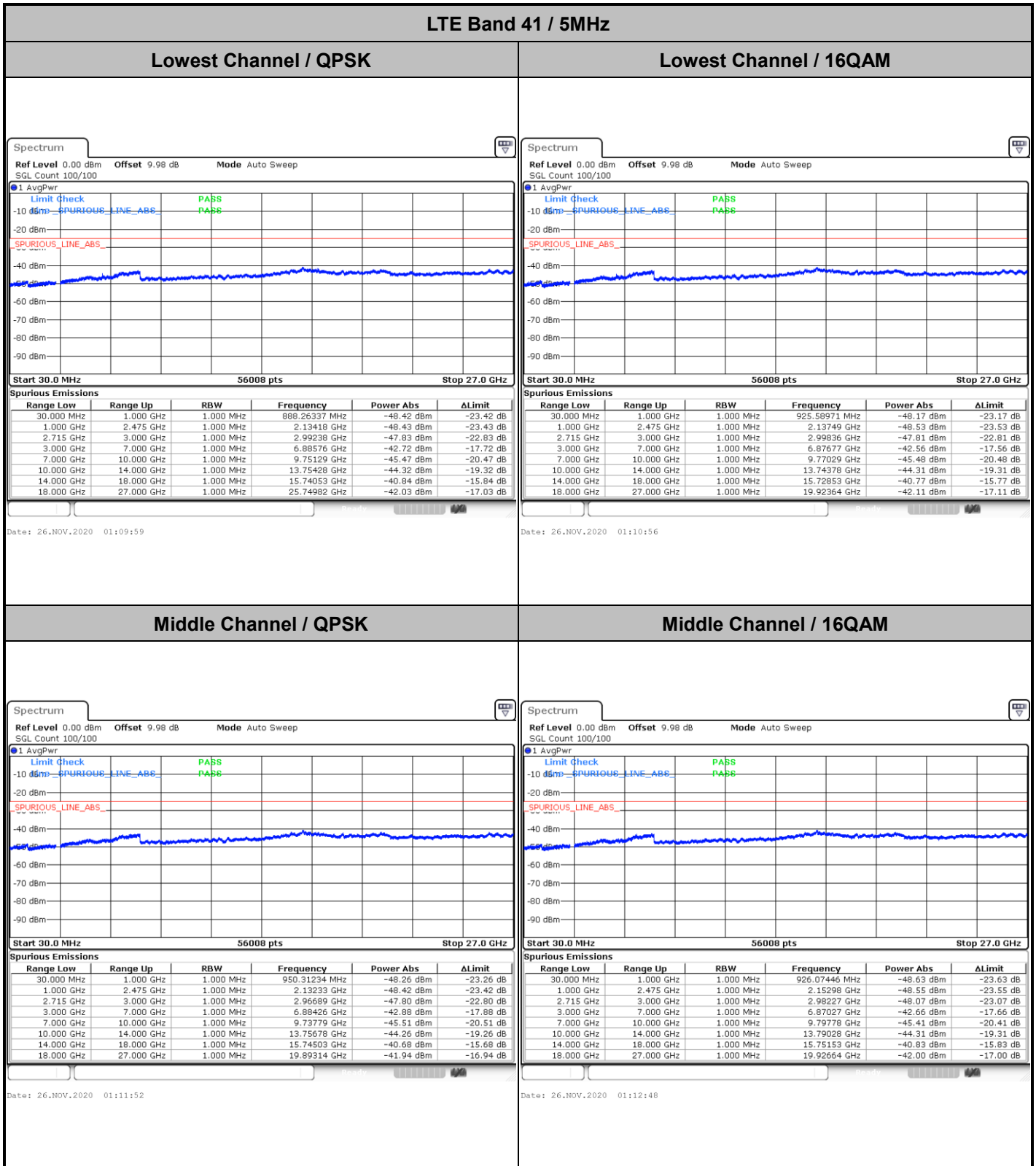




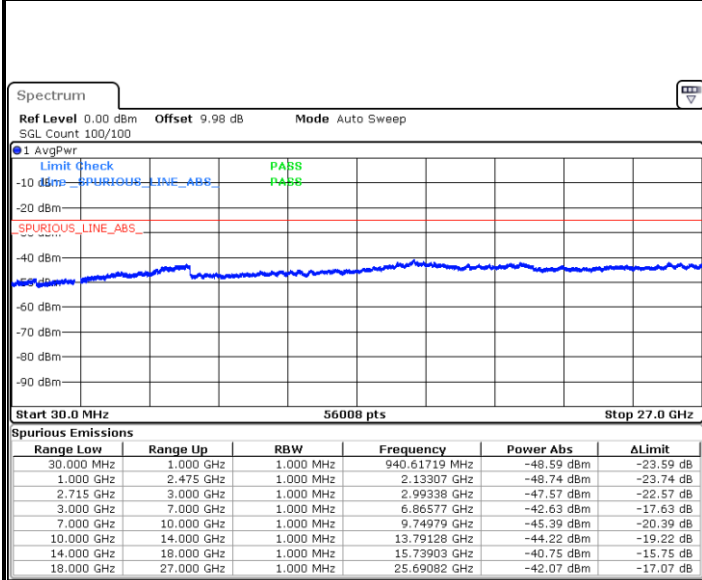
Conducted Spurious Emission





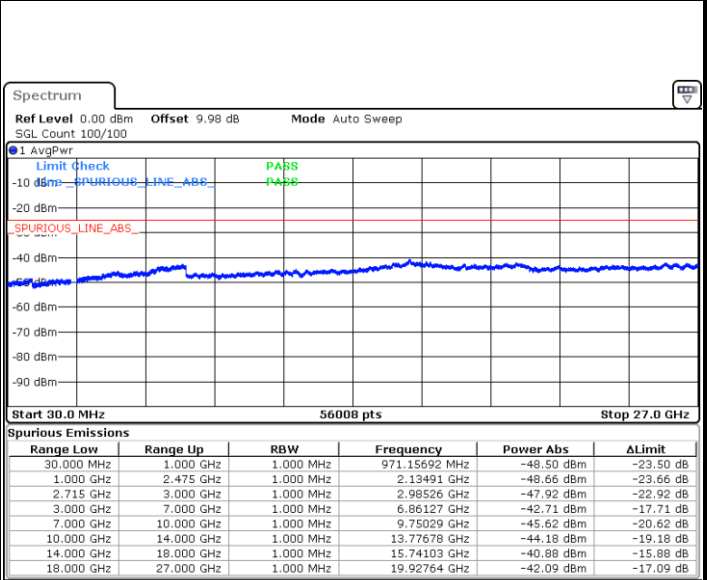
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 26.NOV.2020 01:13:44

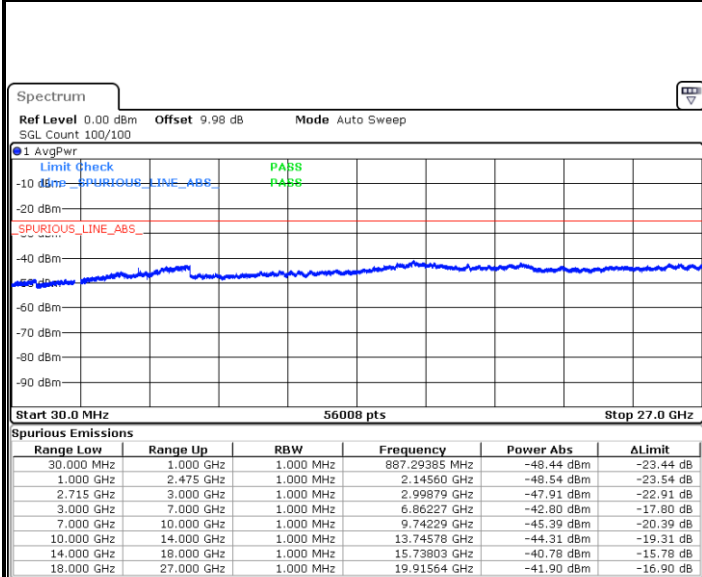
Highest Channel / 16QAM



Date: 26.NOV.2020 01:14:59

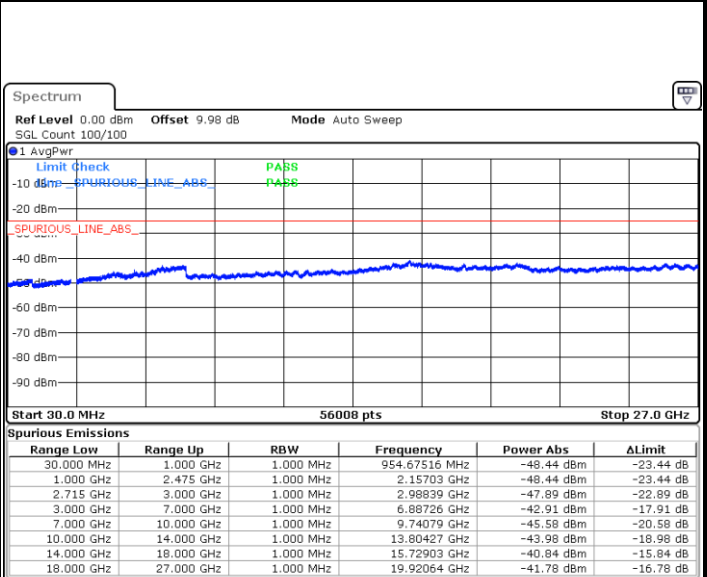
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 26.NOV.2020 01:19:03

Lowest Channel / 16QAM



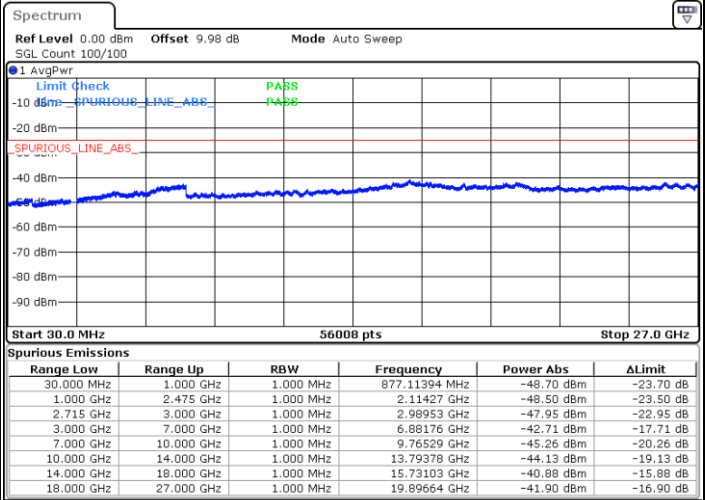
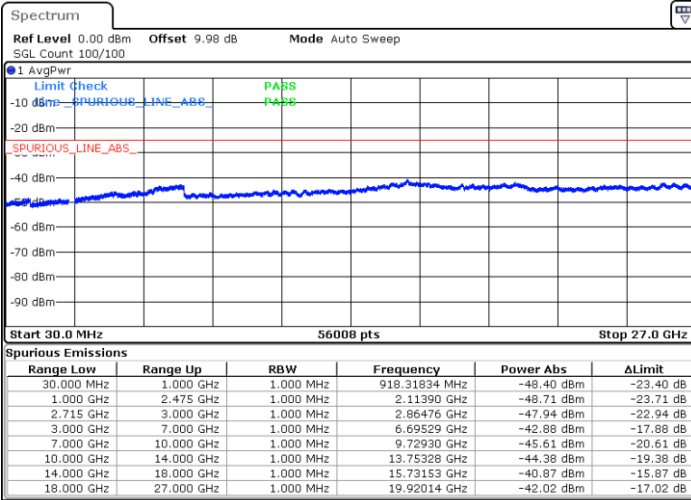
Date: 26.NOV.2020 01:19:59



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

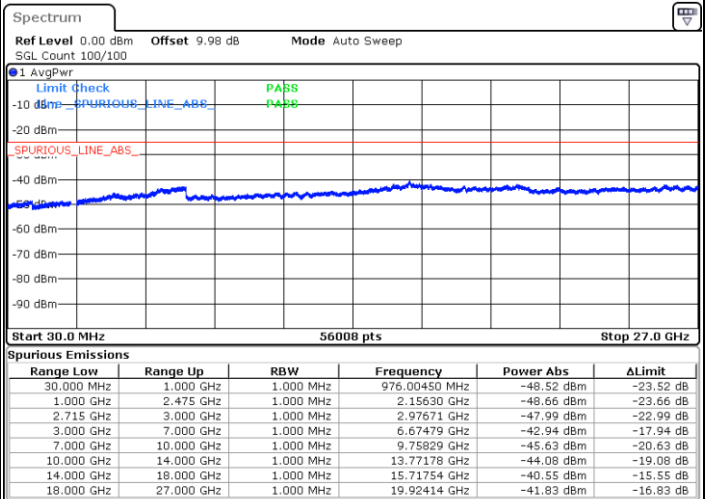
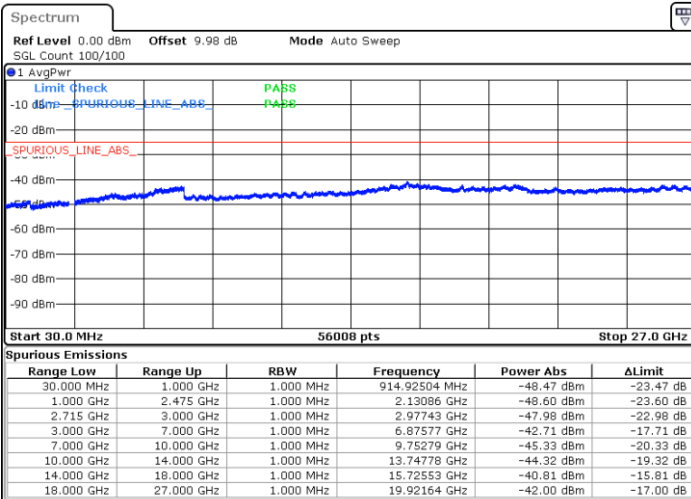


Date: 26.NOV.2020 01:20:55

Date: 26.NOV.2020 01:21:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26.NOV.2020 01:22:47

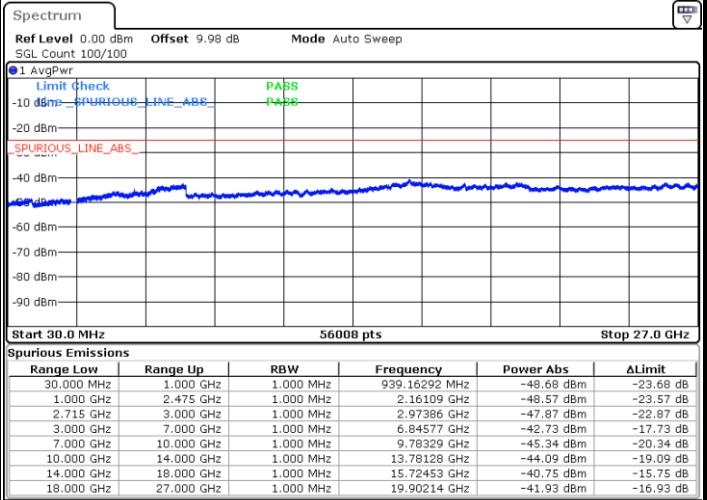
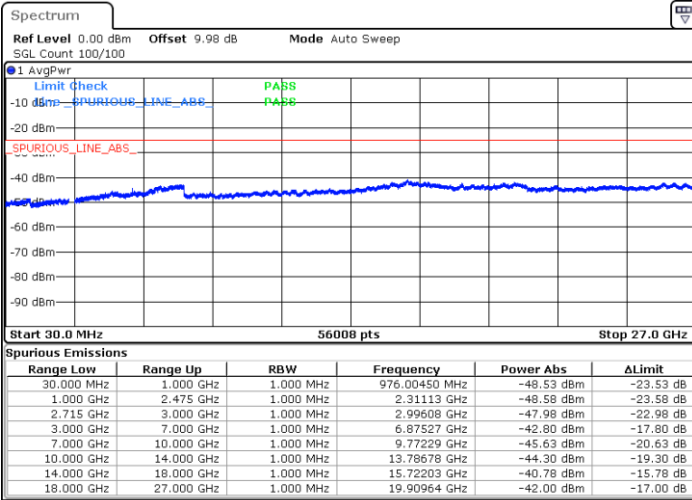
Date: 26.NOV.2020 01:23:43



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

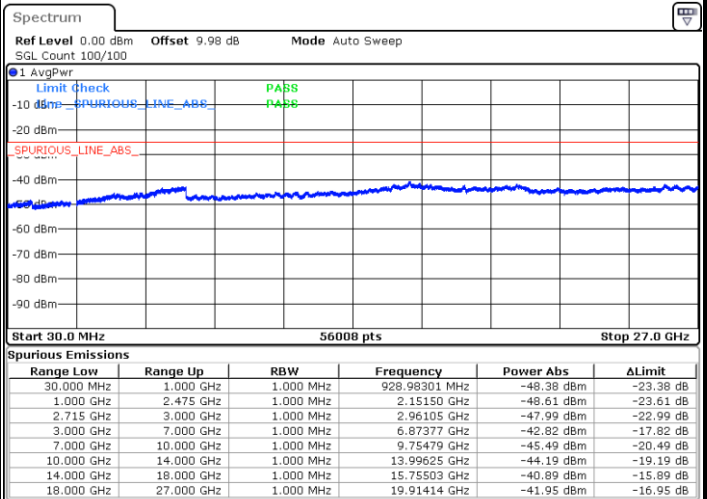
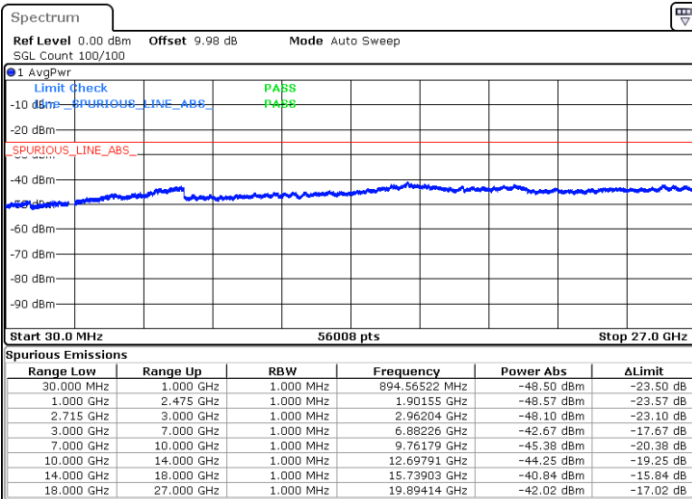


Date: 26.NOV.2020 01:24:59

Date: 26.NOV.2020 01:25:54

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 26.NOV.2020 01:26:51

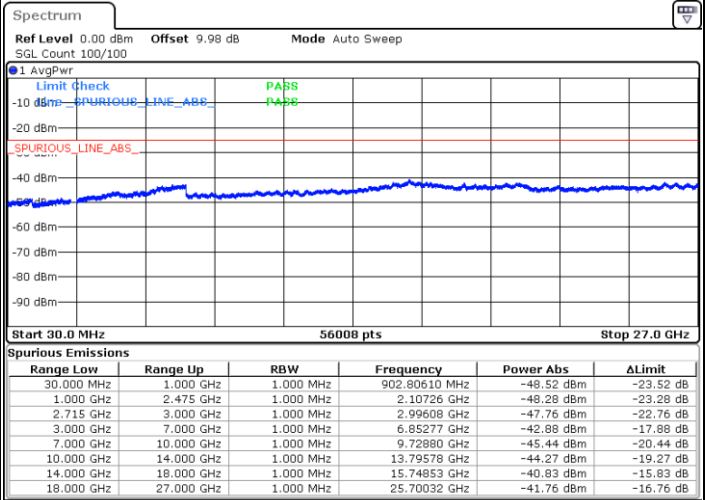
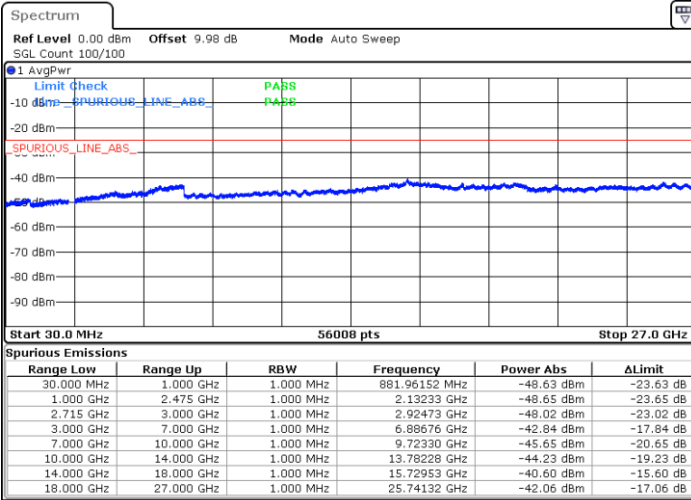
Date: 26.NOV.2020 01:27:47



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



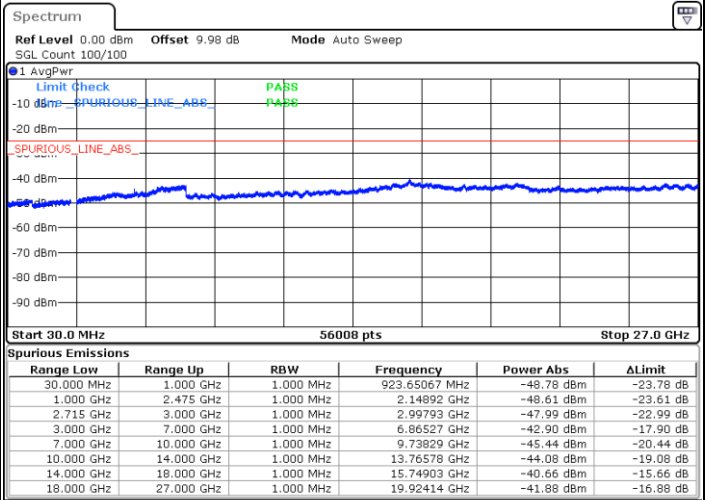
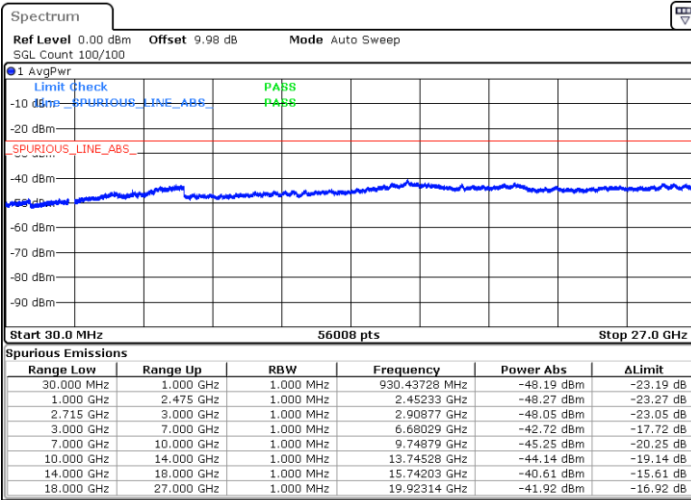
Date: 26.NOV.2020 01:28:43

Date: 26.NOV.2020 01:29:39

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 26.NOV.2020 01:36:29

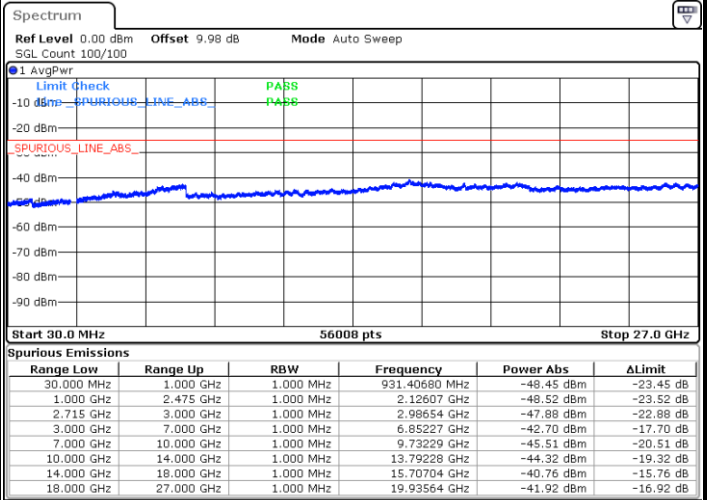
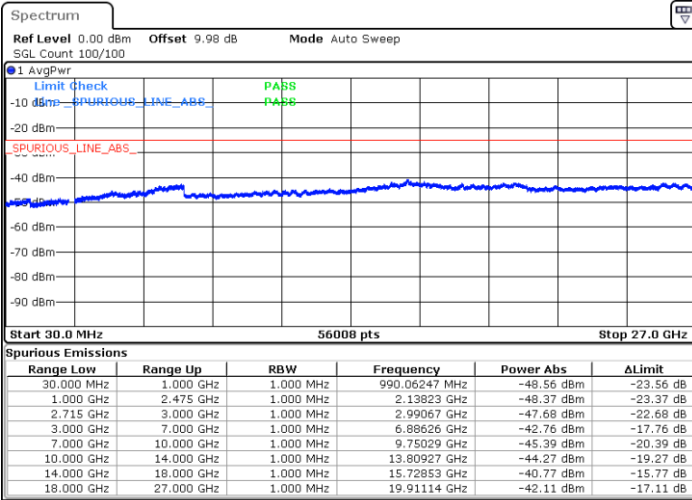
Date: 26.NOV.2020 01:37:25



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

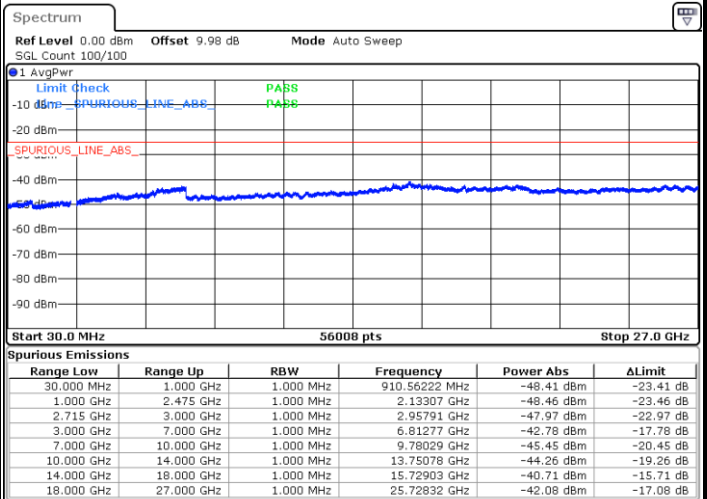
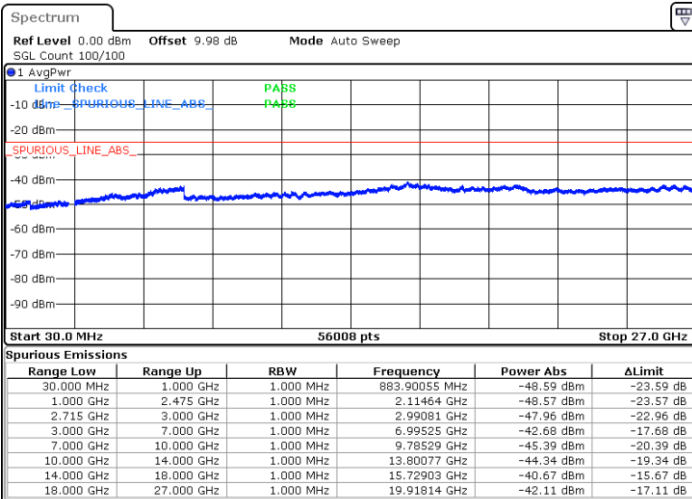


Date: 26.NOV.2020 01:38:21

Date: 26.NOV.2020 01:39:17

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26.NOV.2020 01:40:13

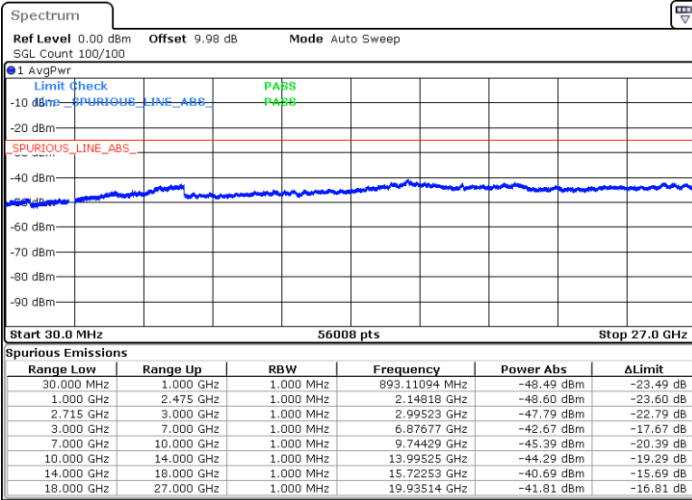
Date: 26.NOV.2020 01:41:09



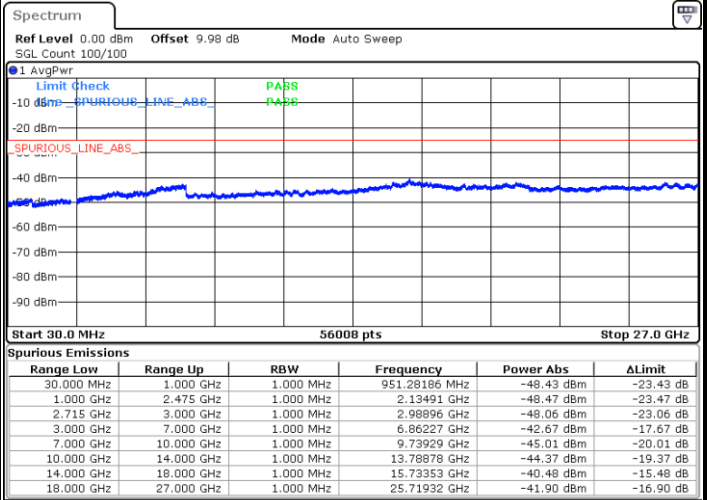
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

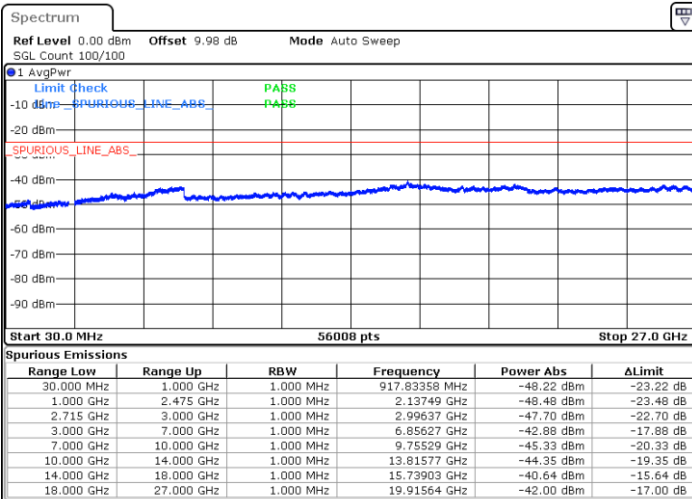


Date: 26.NOV.2020 01:07:10



Date: 26.NOV.2020 01:08:06

Highest Channel / 64QAM



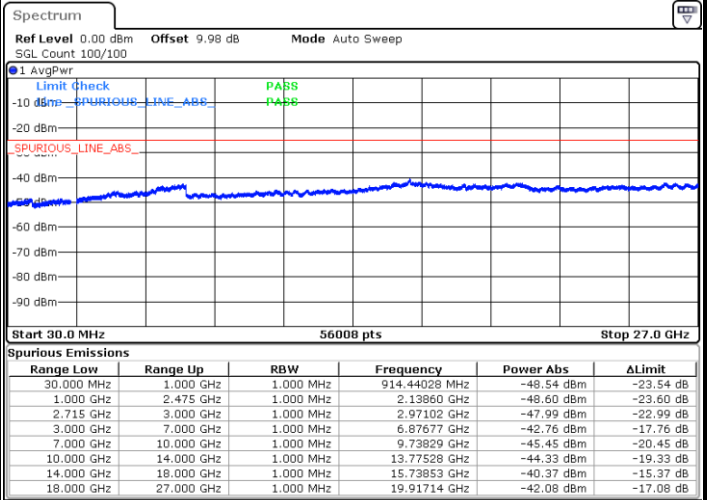
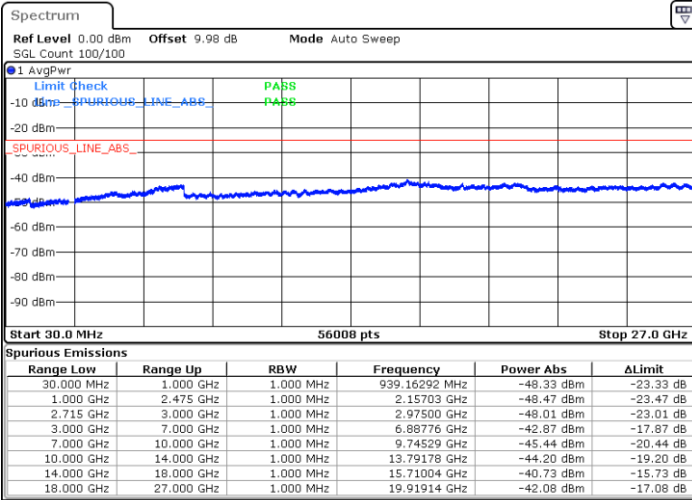
Date: 26.NOV.2020 01:09:03



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

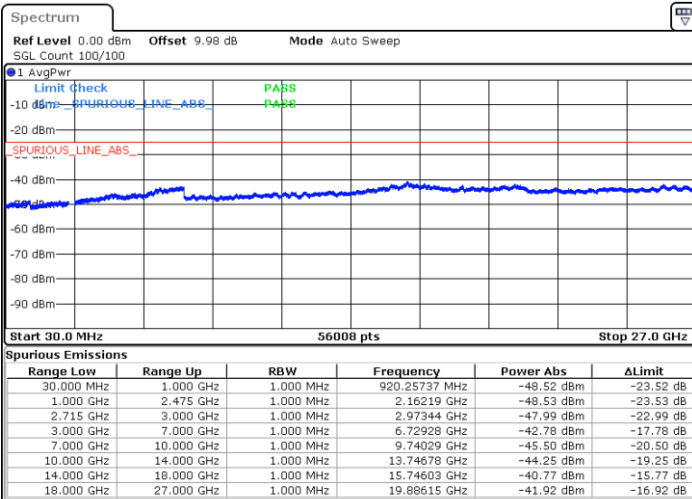
Middle Channel / 64QAM



Date: 26.NOV.2020 01:16:14

Date: 26.NOV.2020 01:17:11

Highest Channel / 64QAM



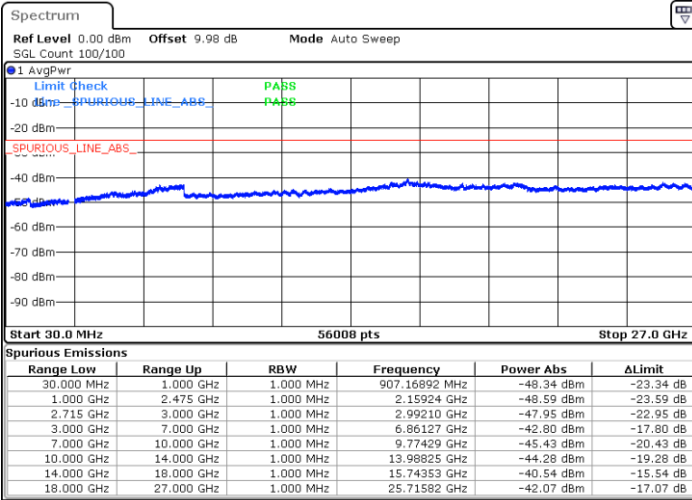
Date: 26.NOV.2020 01:18:07



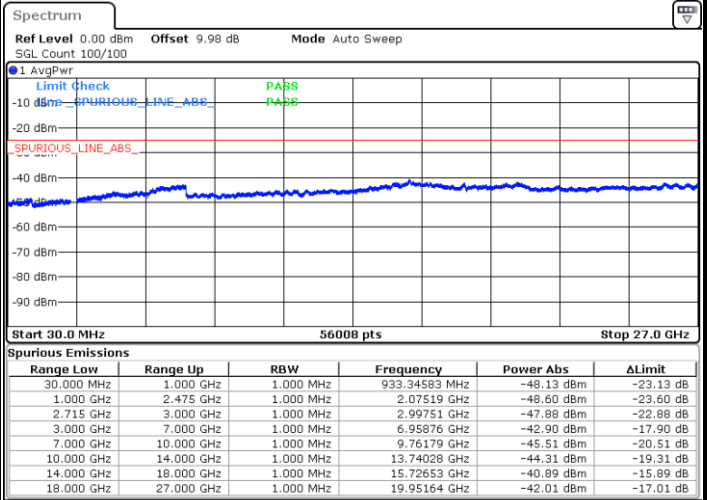
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

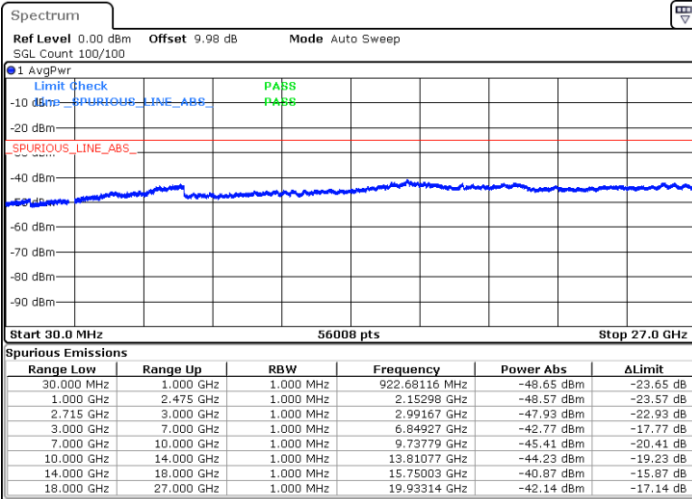


Date: 26.NOV.2020 01:30:35



Date: 26.NOV.2020 01:31:31

Highest Channel / 64QAM



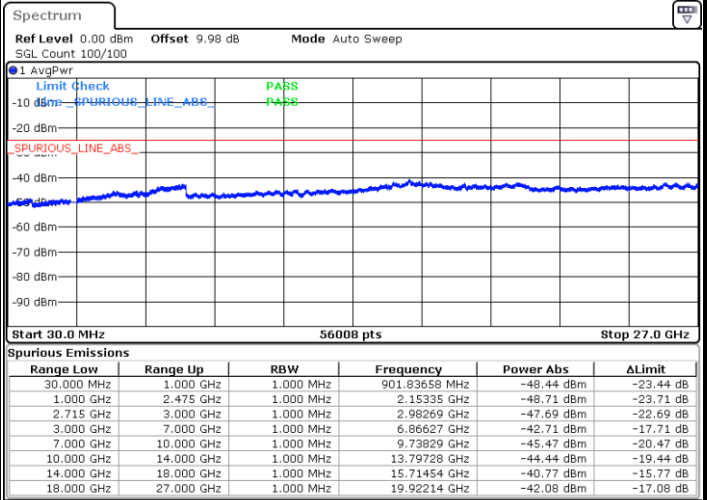
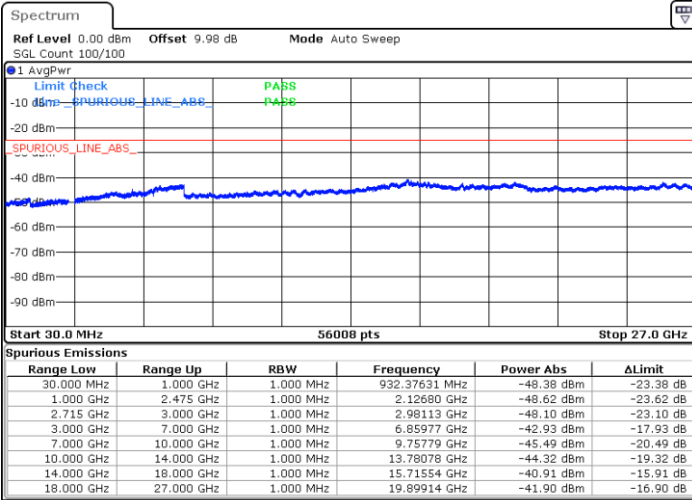
Date: 26.NOV.2020 01:32:27



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

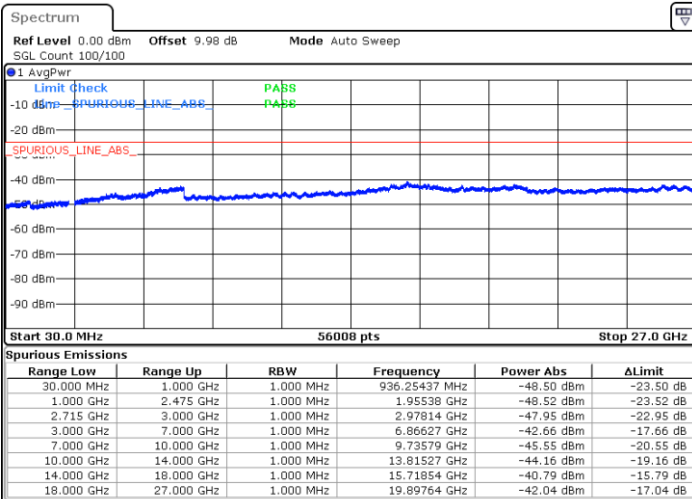
Middle Channel / 64QAM



Date: 26.NOV.2020 01:33:41

Date: 26.NOV.2020 01:34:37

Highest Channel / 64QAM



Date: 26.NOV.2020 01:35:33



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	0.0017	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.8 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 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.13	30.45	34.90
Middle CH	29.73	25.13	30.69	34.83
Highest CH	29.79	25.13	30.63	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.97	39.80	-
Middle CH	30.03	34.83	39.64	-
Highest CH	30.03	35.11	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.23	30.57	34.83
Middle CH	29.85	25.13	30.51	34.69
Highest CH	29.85	25.23	30.39	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	34.83	39.88	-
Middle CH	30.15	34.62	39.72	-
Highest CH	30.21	34.83	39.80	-

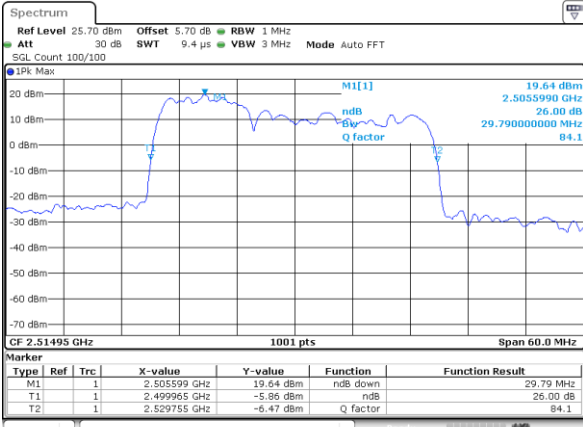
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.28	30.75	34.83
Middle CH	29.97	25.13	30.39	34.90
Highest CH	29.79	25.33	30.51	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.27	35.18	39.80	-
Middle CH	30.03	34.83	39.56	-
Highest CH	29.97	34.90	39.72	-



LTE Band 7C

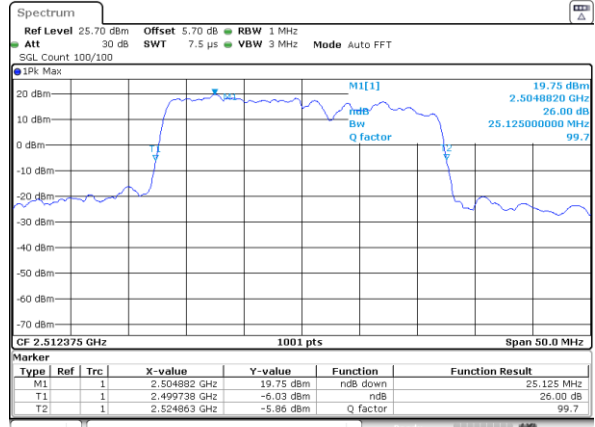
QPSK

Lowest Channel / 10MHz+20MHz



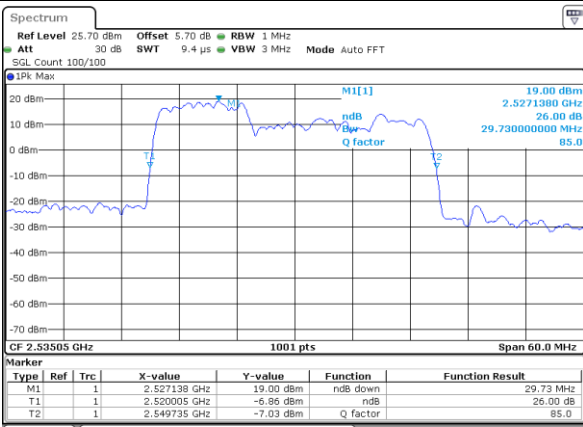
Date: 8.NOV.2020 11:48:05

Lowest Channel / 15MHz+10MHz



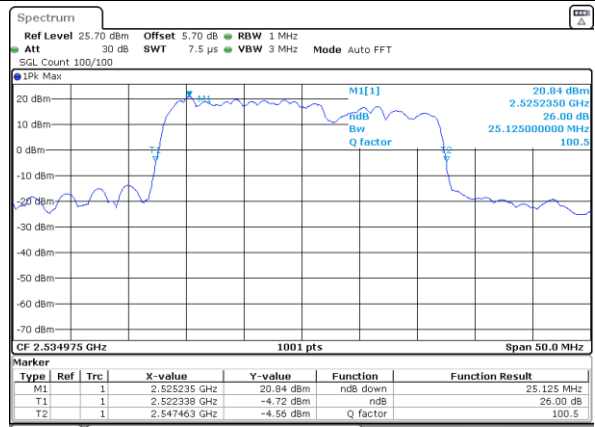
Date: 15.NOV.2020 21:09:08

Middle Channel / 10MHz+20MHz



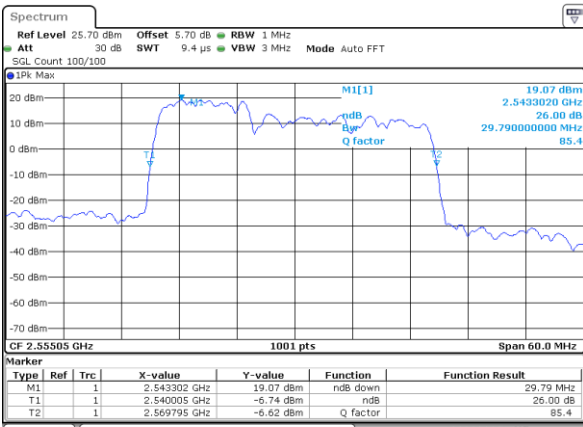
Date: 8.NOV.2020 12:17:43

Middle Channel / 15MHz+10MHz



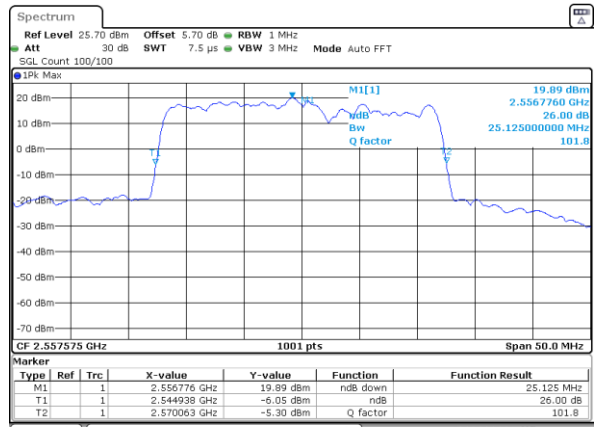
Date: 15.NOV.2020 21:34:07

Highest Channel / 10MHz+20MHz



Date: 8.NOV.2020 12:25:47

Highest Channel / 15MHz+10MHz



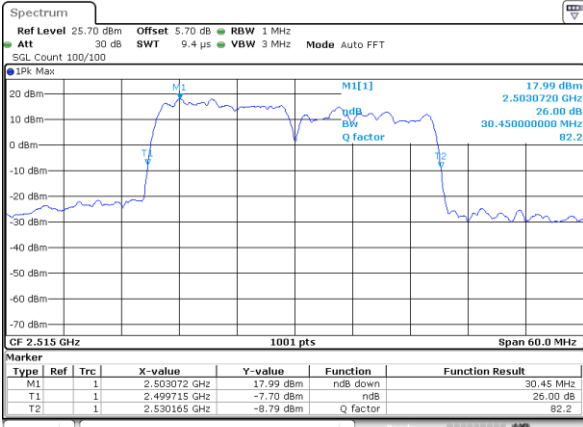
Date: 15.NOV.2020 21:42:10



LTE Band 7C

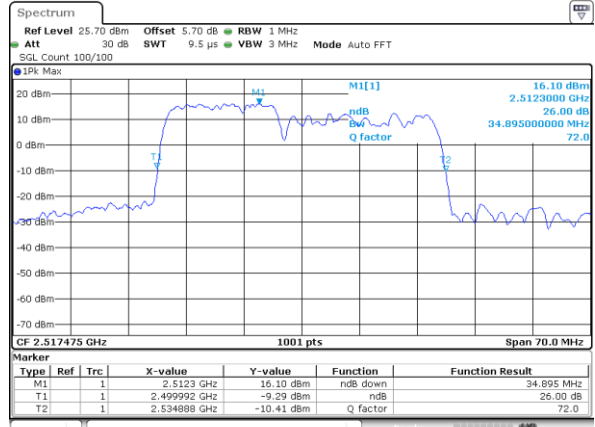
QPSK

Lowest Channel / 15MHz+15MHz



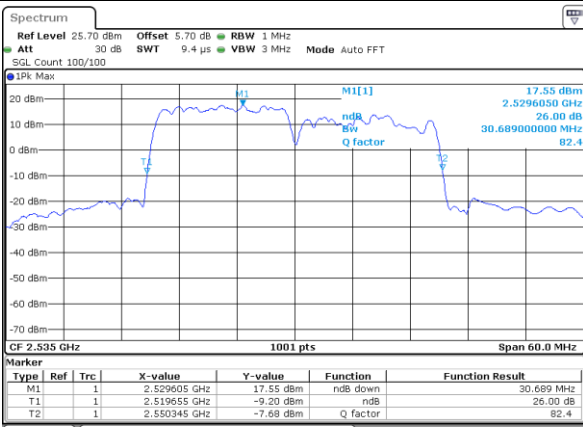
Date: 8.NOV.2020 13:21:04

Lowest Channel / 15MHz+20MHz



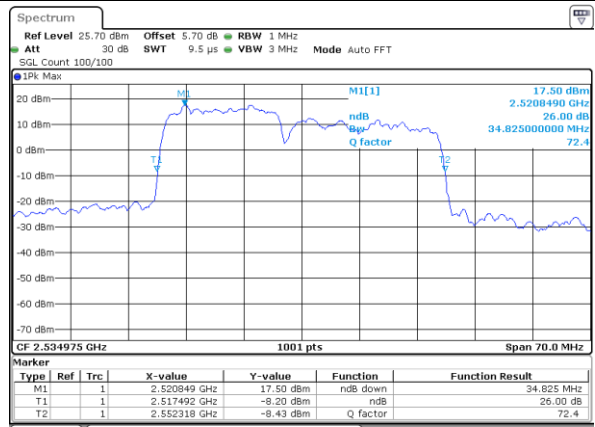
Date: 8.NOV.2020 14:09:00

Middle Channel / 15MHz+15MHz



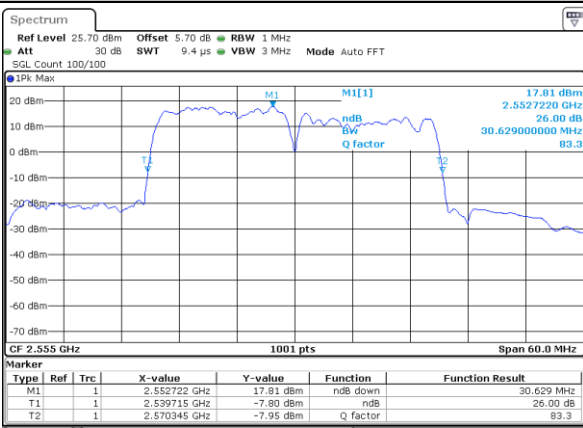
Date: 8.NOV.2020 13:46:24

Middle Channel / 15MHz+20MHz



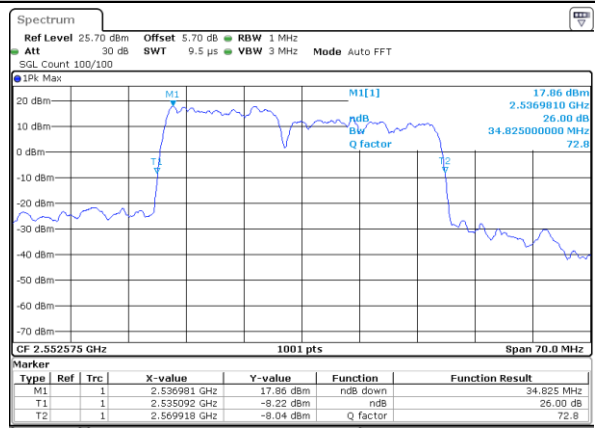
Date: 8.NOV.2020 14:42:25

Highest Channel / 15MHz+15MHz



Date: 8.NOV.2020 13:53:44

Highest Channel / 15MHz+20MHz



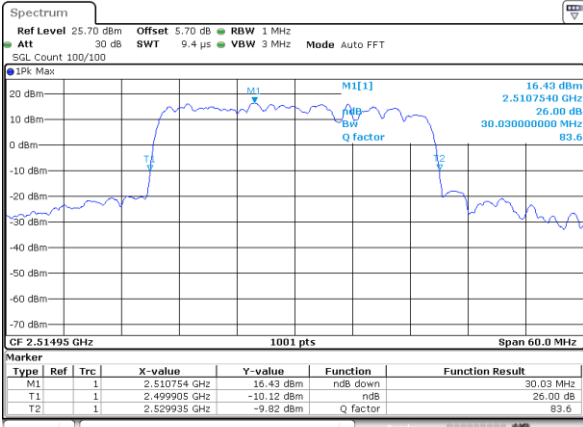
Date: 8.NOV.2020 15:04:11



LTE Band 7C

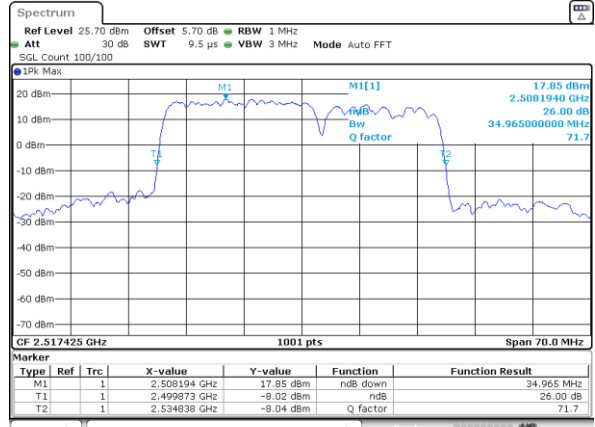
QPSK

Lowest Channel / 20MHz+10MHz



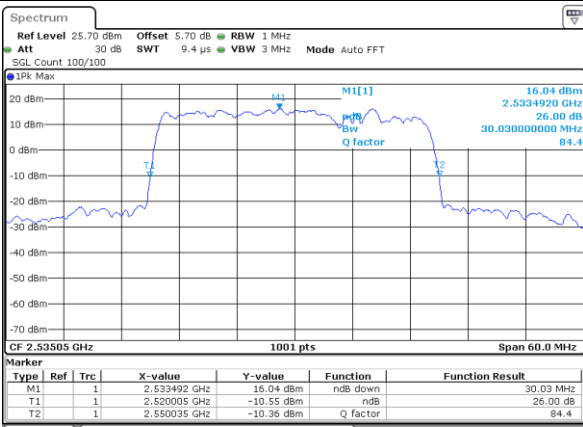
Date: 8.NOV.2020 12:47:28

Lowest Channel / 20MHz+15MHz



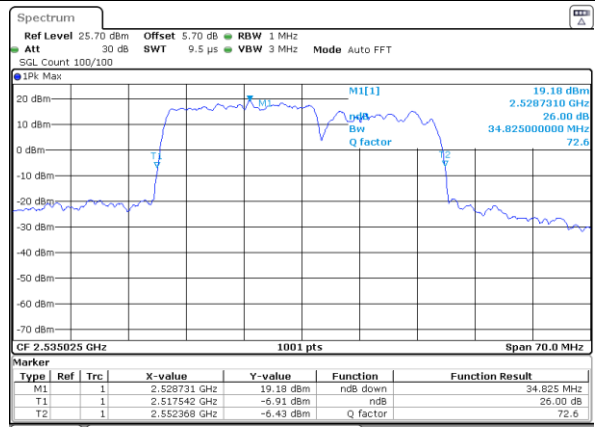
Date: 15.NOV.2020 20:24:29

Middle Channel / 20MHz+10MHz



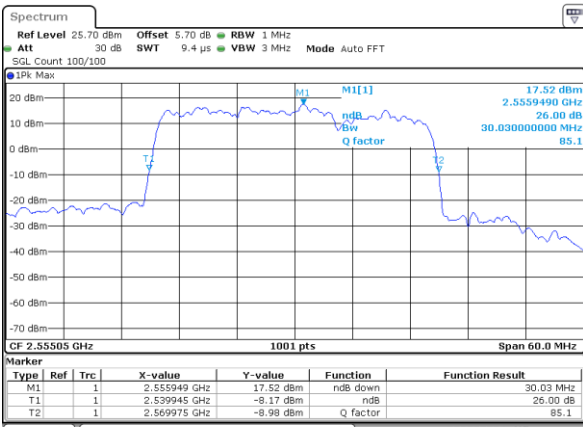
Date: 8.NOV.2020 13:01:43

Middle Channel / 20MHz+15MHz



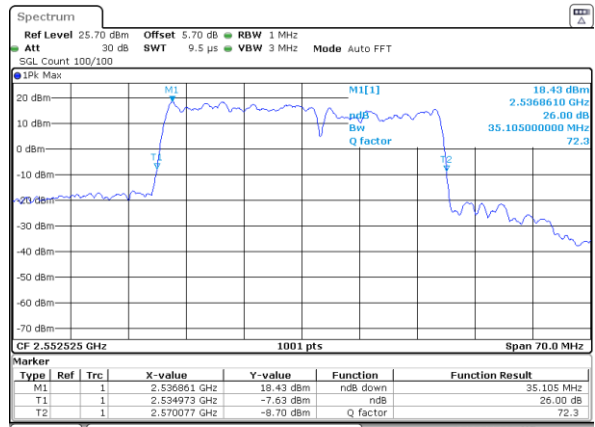
Date: 15.NOV.2020 20:50:20

Highest Channel / 20MHz+10MHz



Date: 8.NOV.2020 13:11:05

Highest Channel / 20MHz+15MHz



Date: 15.NOV.2020 20:56:27

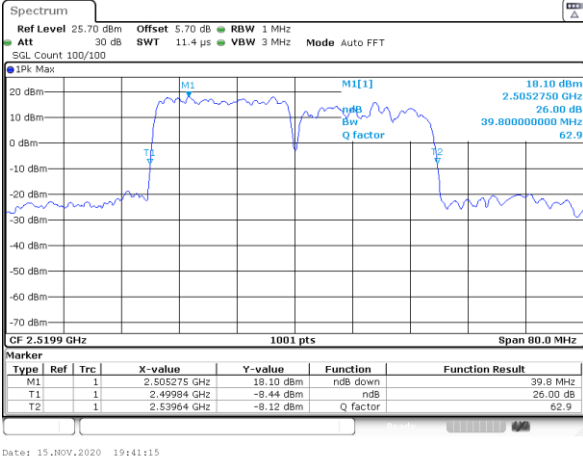


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

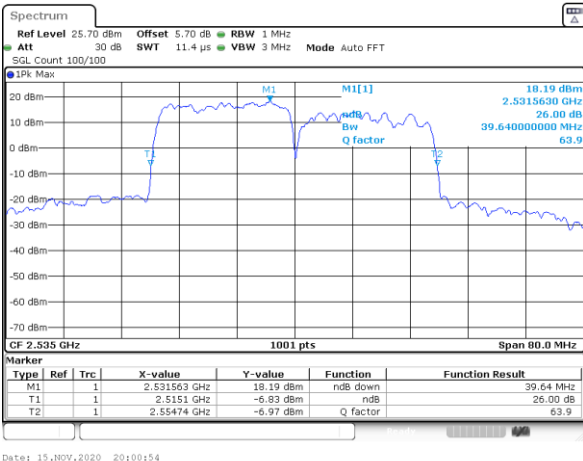
N/A



Date: 15.NOV.2020 19:41:15

Middle Channel / 20MHz+20MHz

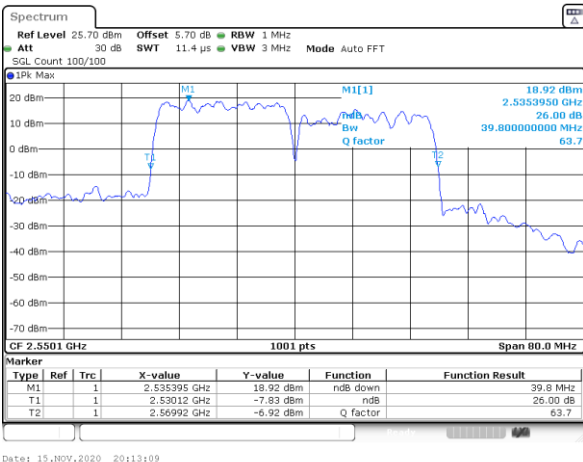
N/A



Date: 15.NOV.2020 20:00:54

Highest Channel / 20MHz+20MHz

N/A



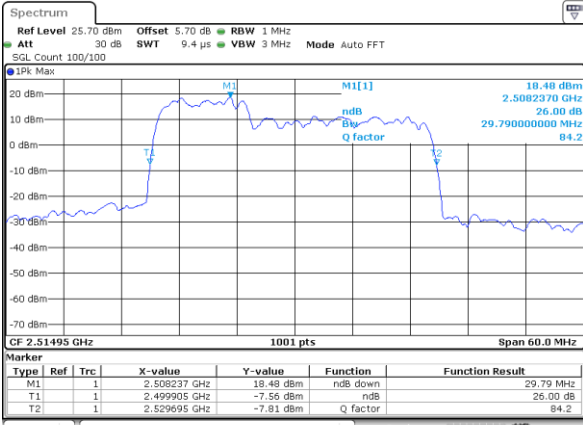
Date: 15.NOV.2020 20:13:09



LTE Band 7C

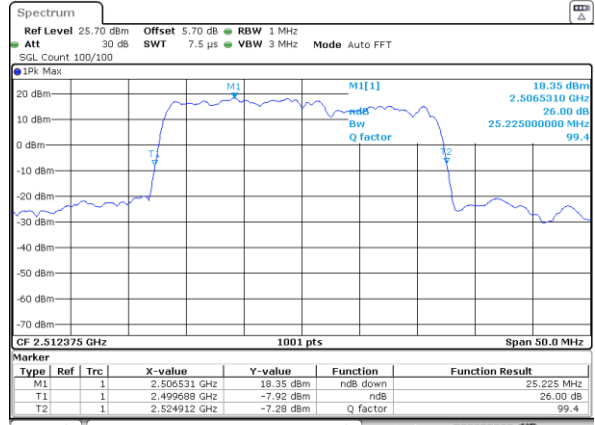
16QAM

Lowest Channel / 10MHz+20MHz



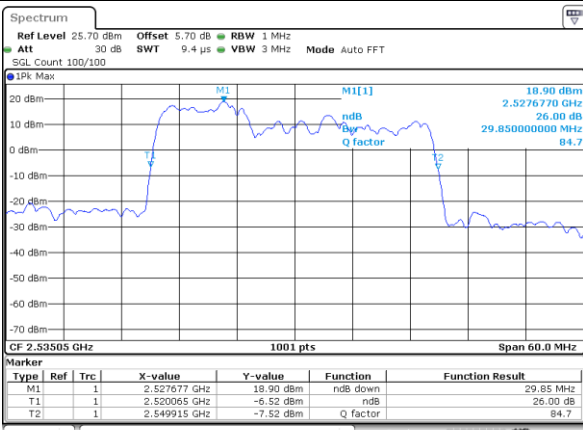
Date: 8.NOV.2020 11:49:22

Lowest Channel / 15MHz+10MHz



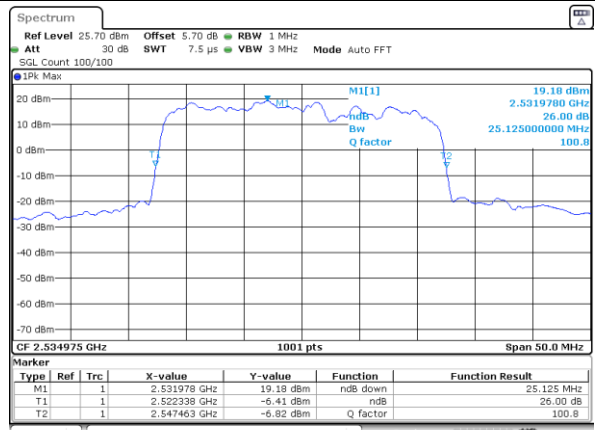
Date: 15.NOV.2020 21:10:09

Middle Channel / 10MHz+20MHz



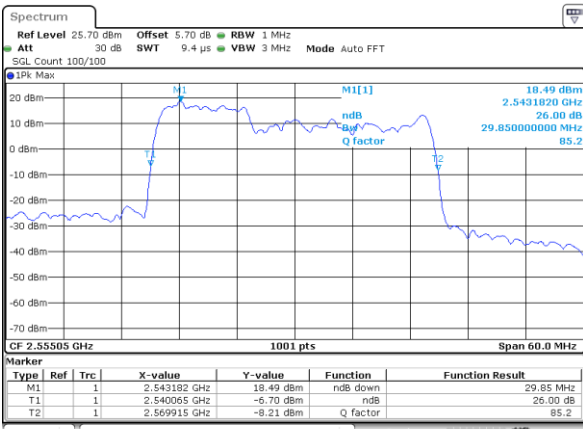
Date: 8.NOV.2020 12:17:05

Middle Channel / 15MHz+10MHz



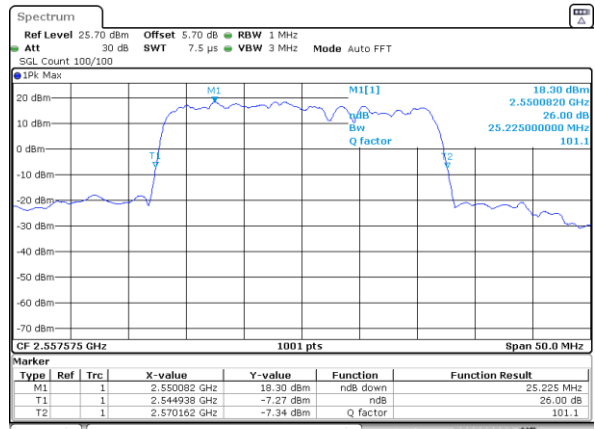
Date: 15.NOV.2020 21:35:13

Highest Channel / 10MHz+20MHz



Date: 8.NOV.2020 12:24:45

Highest Channel / 15MHz+10MHz



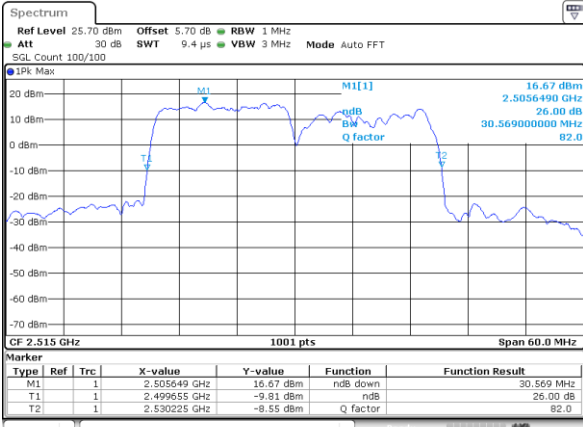
Date: 15.NOV.2020 21:43:45



LTE Band 7C

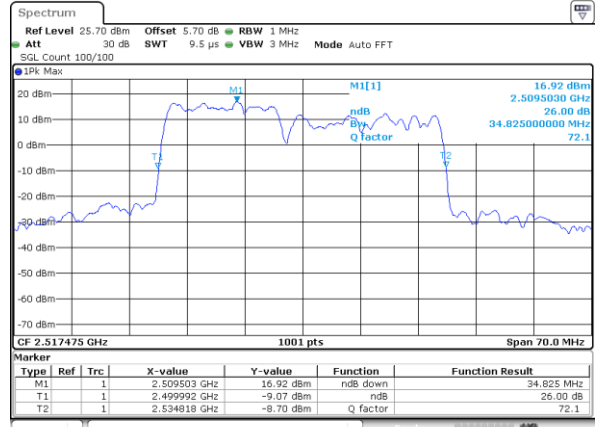
16QAM

Lowest Channel / 15MHz+15MHz



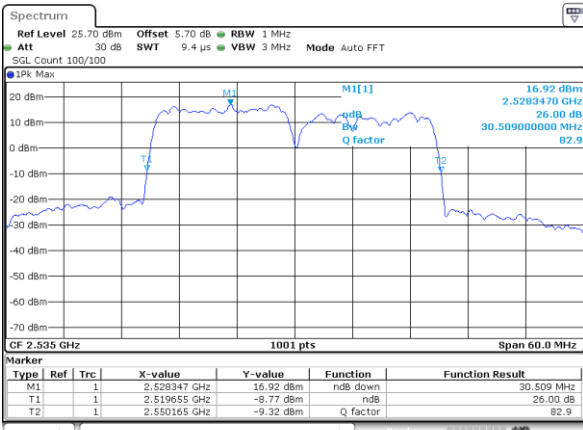
Date: 8.NOV.2020 13:23:11

Lowest Channel / 15MHz+20MHz



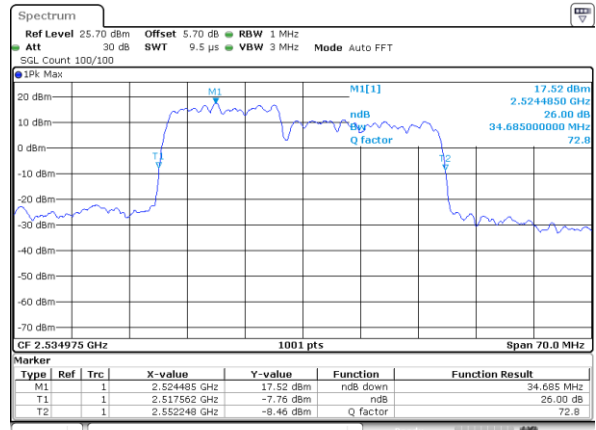
Date: 8.NOV.2020 14:16:18

Middle Channel / 15MHz+15MHz



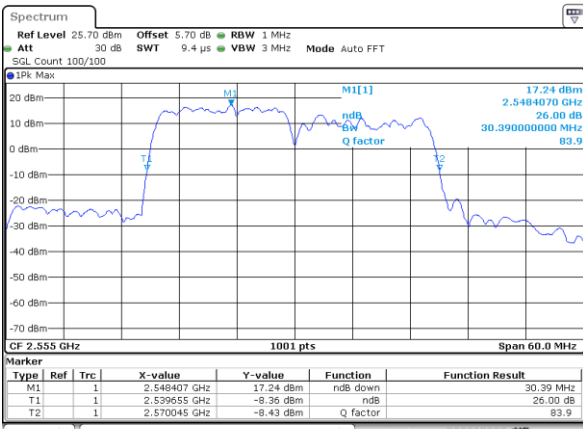
Date: 8.NOV.2020 13:45:45

Middle Channel / 15MHz+20MHz



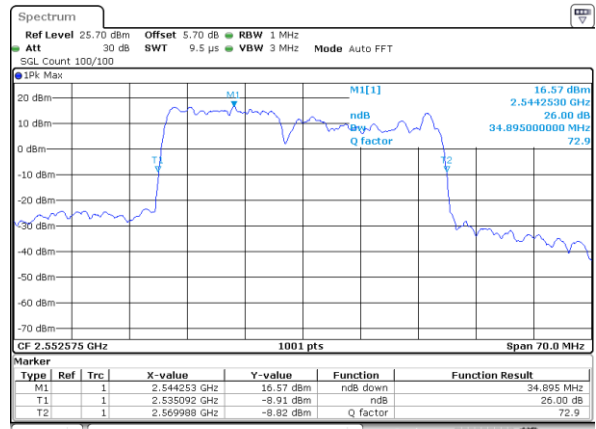
Date: 8.NOV.2020 14:41:47

Highest Channel / 15MHz+15MHz



Date: 8.NOV.2020 13:52:38

Highest Channel / 15MHz+20MHz



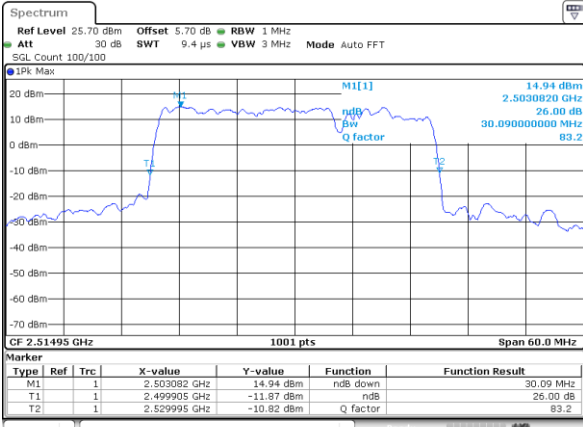
Date: 8.NOV.2020 15:02:54



LTE Band 7C

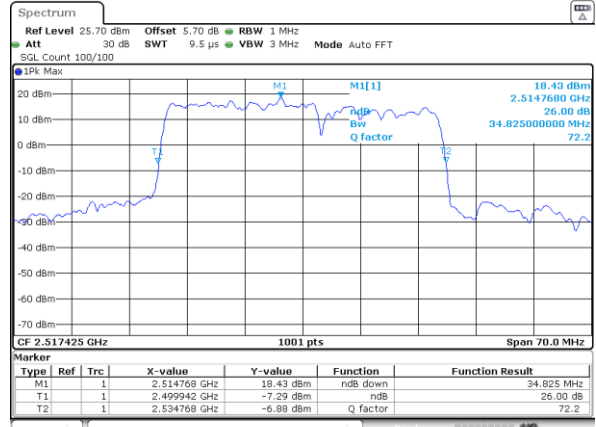
16QAM

Lowest Channel / 20MHz+10MHz



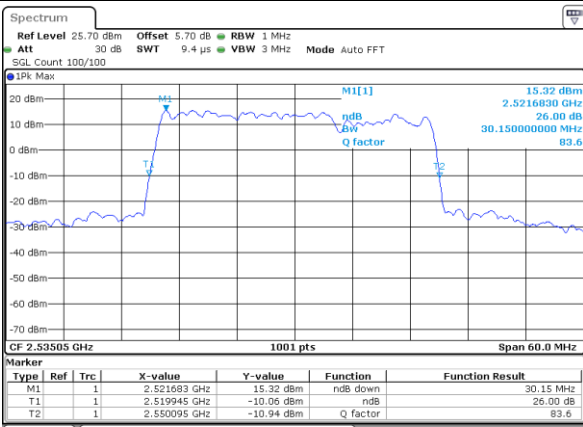
Date: 8.NOV.2020 12:48:40

Lowest Channel / 20MHz+15MHz



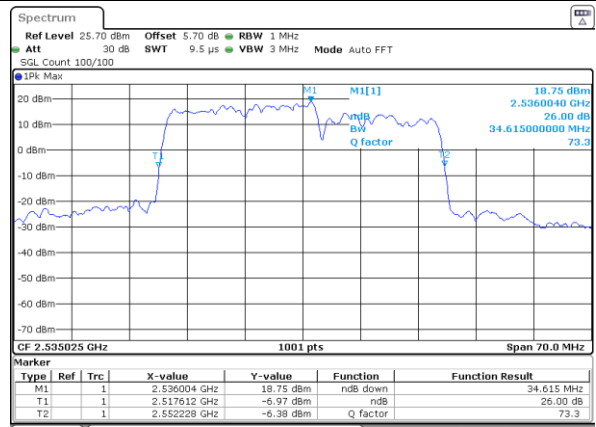
Date: 15.NOV.2020 20:31:36

Middle Channel / 20MHz+10MHz



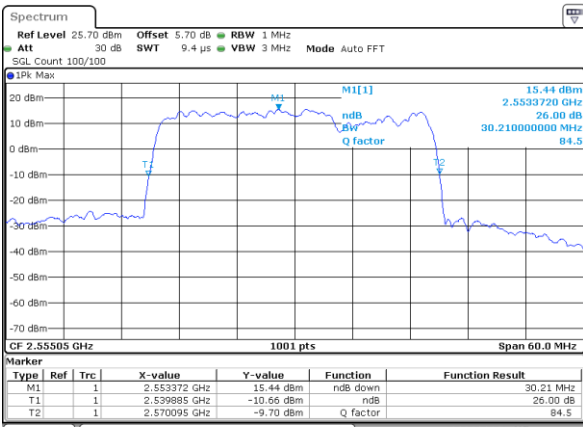
Date: 8.NOV.2020 13:01:13

Middle Channel / 20MHz+15MHz



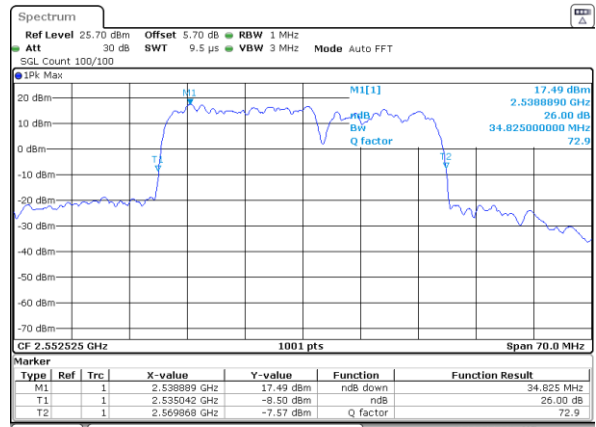
Date: 15.NOV.2020 20:51:08

Highest Channel / 20MHz+10MHz



Date: 8.NOV.2020 13:09:38

Highest Channel / 20MHz+15MHz



Date: 15.NOV.2020 20:57:20

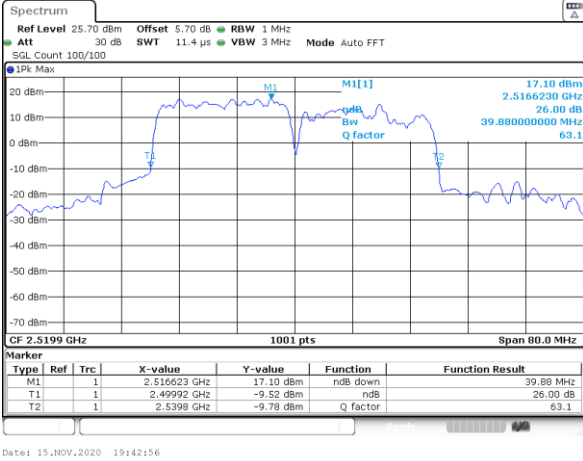


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

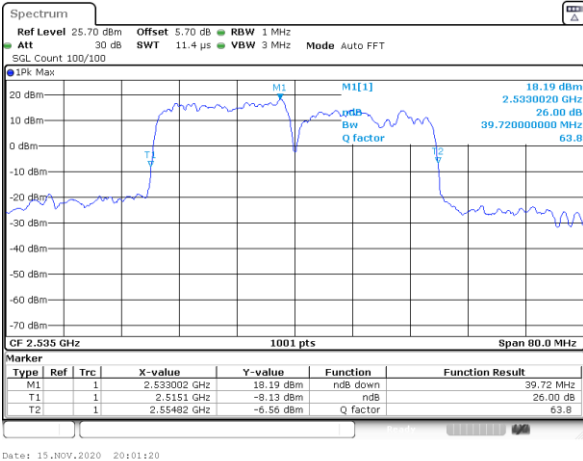
N/A



Date: 15.NOV.2020 19:42:56

Middle Channel / 20MHz+20MHz

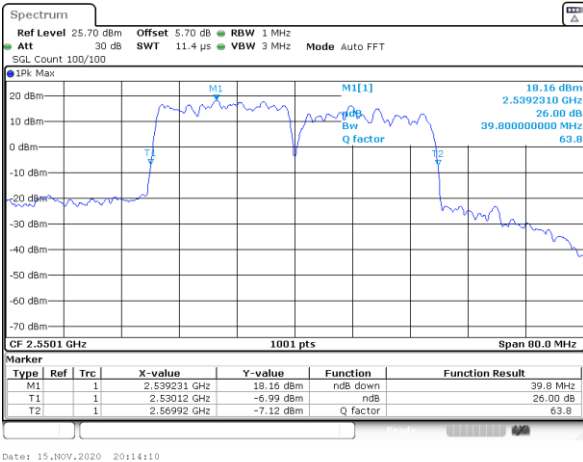
N/A



Date: 15.NOV.2020 20:01:20

Highest Channel / 20MHz+20MHz

N/A



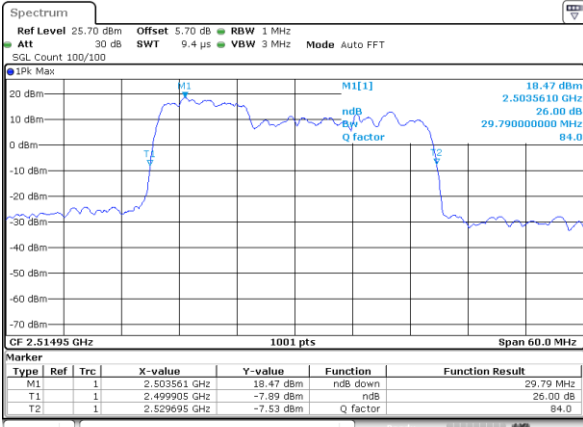
Date: 15.NOV.2020 20:14:10



LTE Band 7C

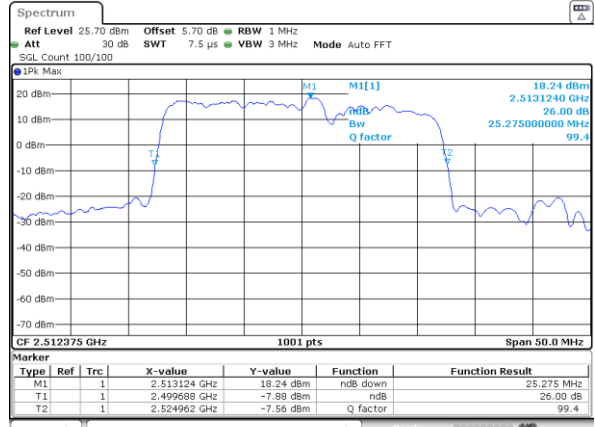
64QAM

Lowest Channel / 10MHz+20MHz



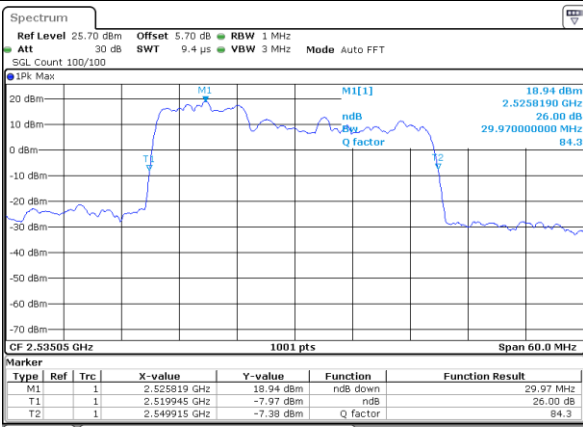
Date: 8.NOV.2020 11:51:15

Lowest Channel / 15MHz+10MHz



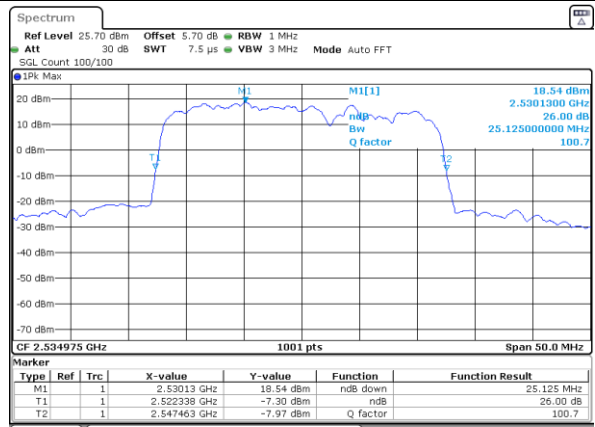
Date: 15.NOV.2020 21:11:21

Middle Channel / 10MHz+20MHz



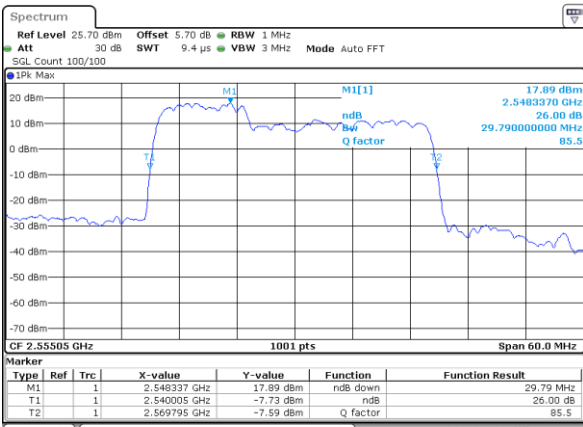
Date: 8.NOV.2020 12:16:35

Middle Channel / 15MHz+10MHz



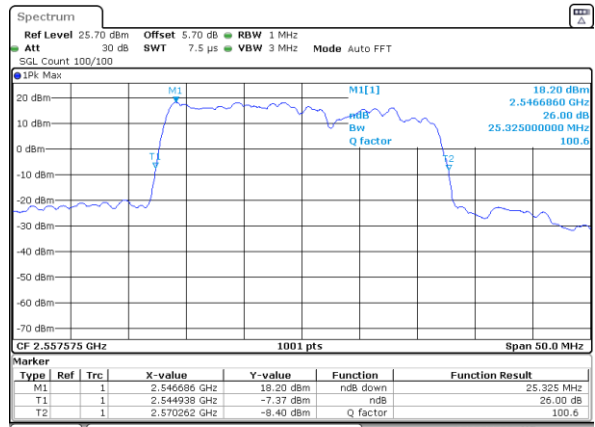
Date: 15.NOV.2020 21:35:48

Highest Channel / 10MHz+20MHz



Date: 8.NOV.2020 12:22:54

Highest Channel / 15MHz+10MHz



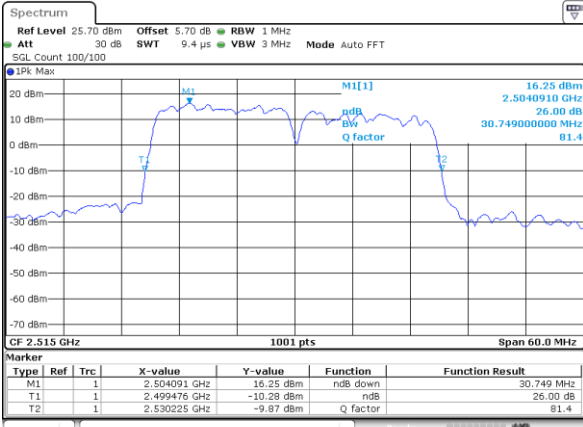
Date: 15.NOV.2020 21:46:06



LTE Band 7C

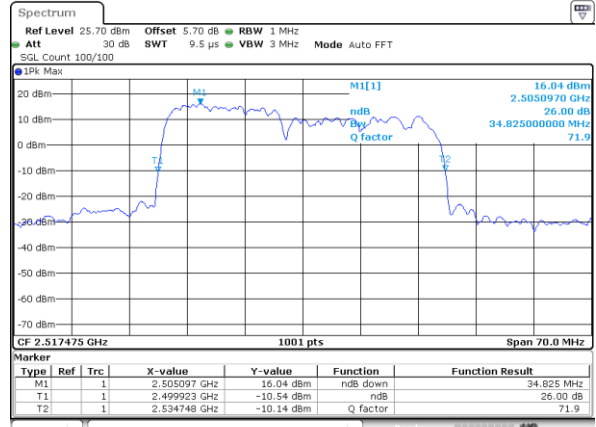
64QAM

Lowest Channel / 15MHz+15MHz



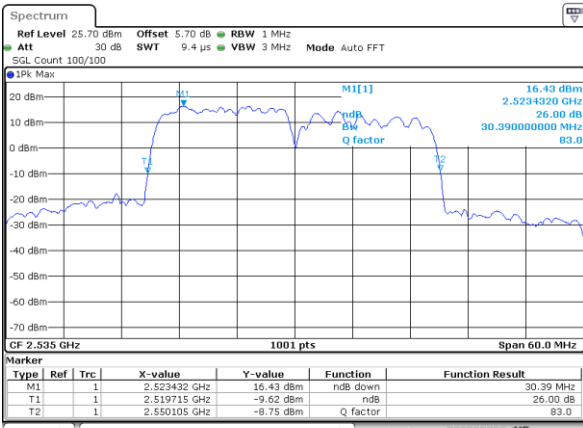
Date: 8.NOV.2020 13:35:35

Lowest Channel / 15MHz+20MHz



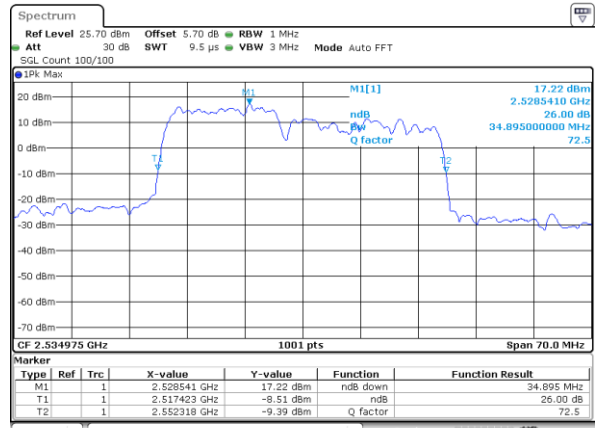
Date: 8.NOV.2020 14:25:35

Middle Channel / 15MHz+15MHz



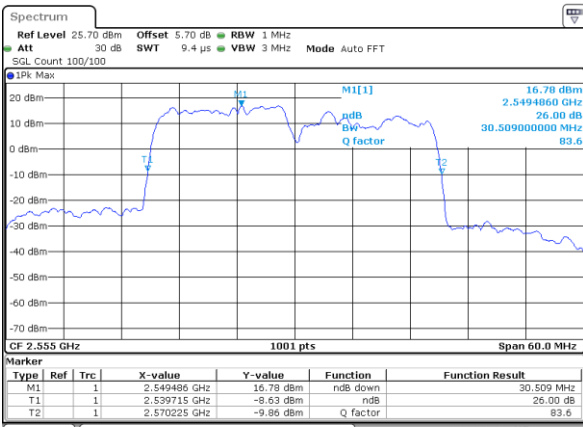
Date: 8.NOV.2020 13:45:03

Middle Channel / 15MHz+20MHz



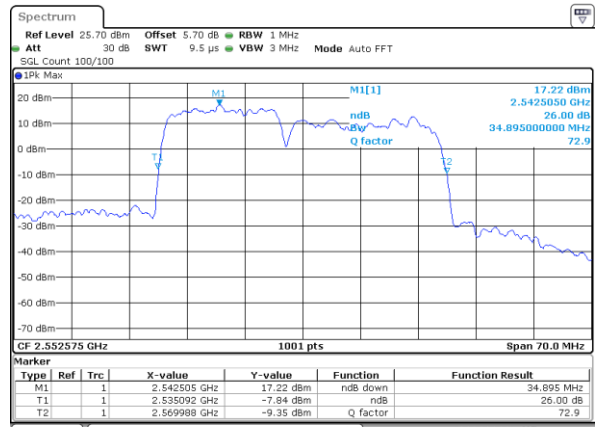
Date: 8.NOV.2020 14:40:32

Highest Channel / 15MHz+15MHz



Date: 8.NOV.2020 13:51:35

Highest Channel / 15MHz+20MHz



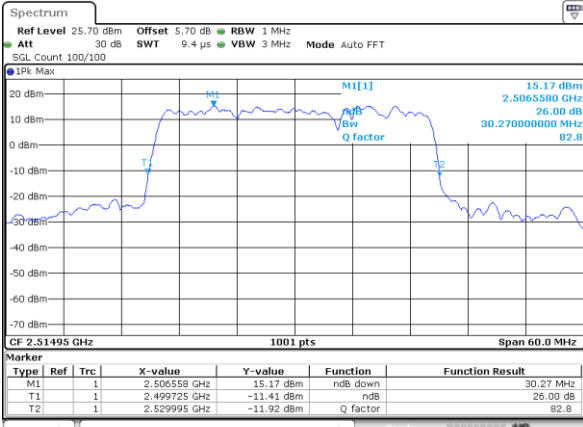
Date: 8.NOV.2020 15:02:05



LTE Band 7C

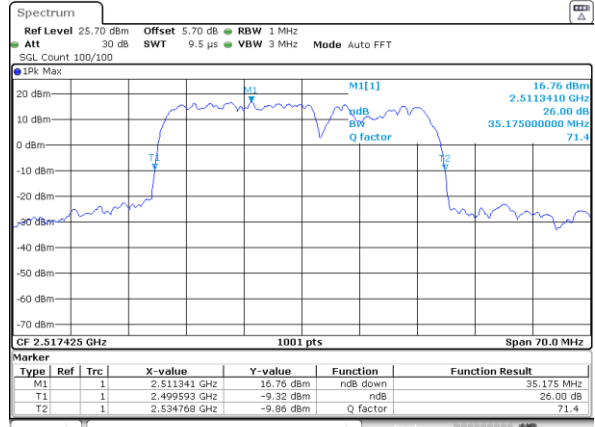
64QAM

Lowest Channel / 20MHz+10MHz



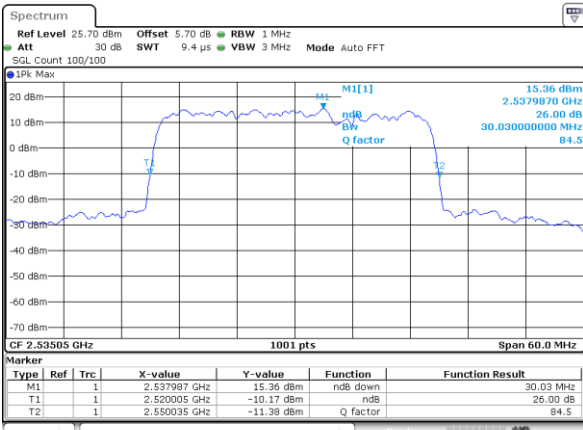
Date: 8.NOV.2020 12:49:57

Lowest Channel / 20MHz+15MHz



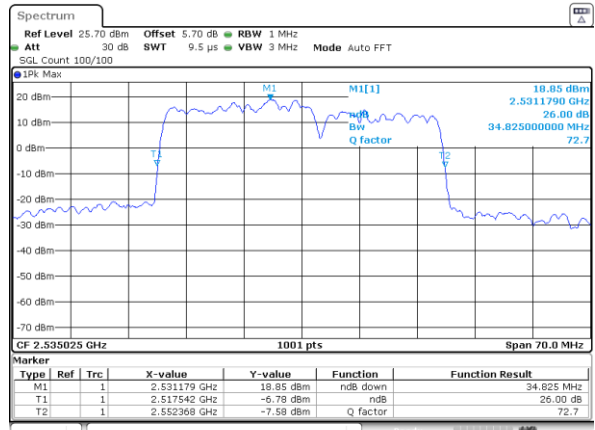
Date: 15.NOV.2020 20:32:13

Middle Channel / 20MHz+10MHz



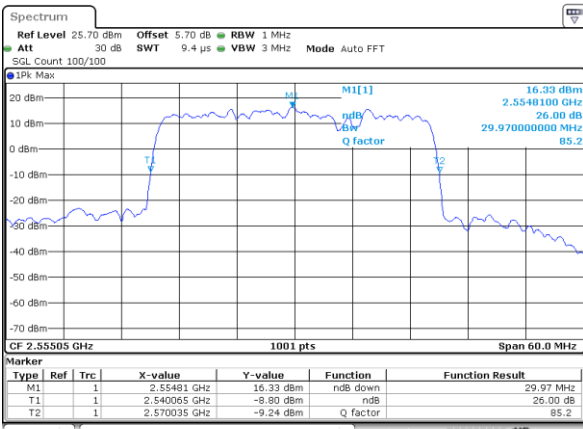
Date: 8.NOV.2020 13:00:08

Middle Channel / 20MHz+15MHz



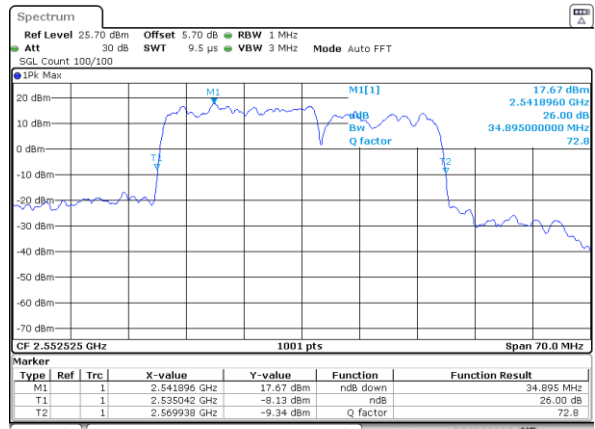
Date: 15.NOV.2020 20:51:57

Highest Channel / 20MHz+10MHz



Date: 8.NOV.2020 13:08:05

Highest Channel / 20MHz+15MHz



Date: 15.NOV.2020 20:58:29

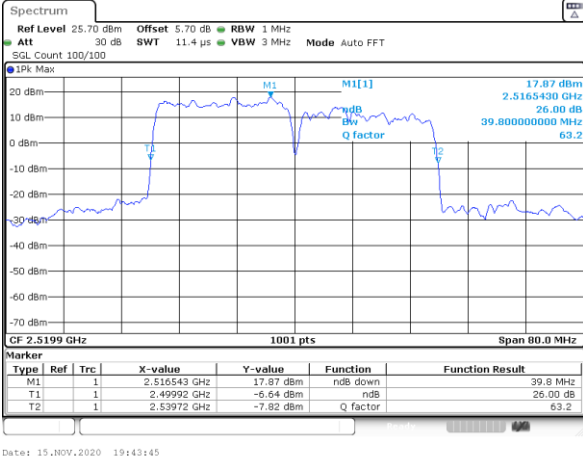


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

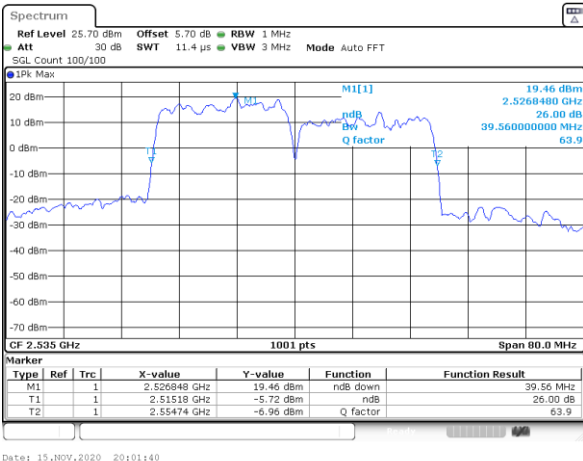
N/A



Date: 15.NOV.2020 19:43:45

Middle Channel / 20MHz+20MHz

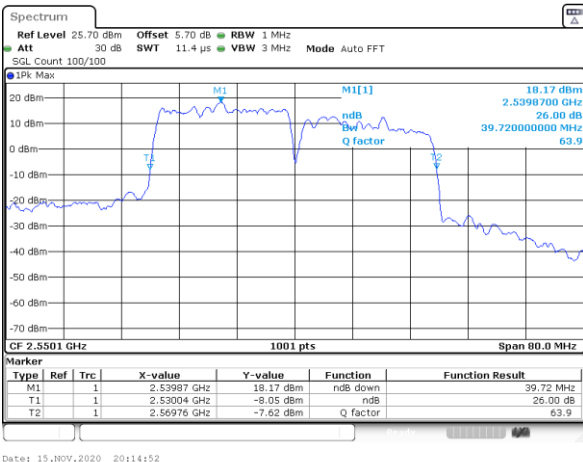
N/A



Date: 15.NOV.2020 20:01:40

Highest Channel / 20MHz+20MHz

N/A



Date: 15.NOV.2020 20:14:52



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.75	23.48	28.53	32.45
Middle CH	27.69	23.23	28.23	32.66
Highest CH	28.23	23.53	28.53	32.59
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.87	33.08	37.40	-
Middle CH	28.05	32.94	37.56	-
Highest CH	27.81	33.01	37.24	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.81	23.33	28.41	33.01
Middle CH	27.99	23.68	28.47	32.52
Highest CH	27.75	23.28	28.17	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.11	32.80	37.72	-
Middle CH	27.87	32.52	37.24	-
Highest CH	28.17	32.66	37.88	-

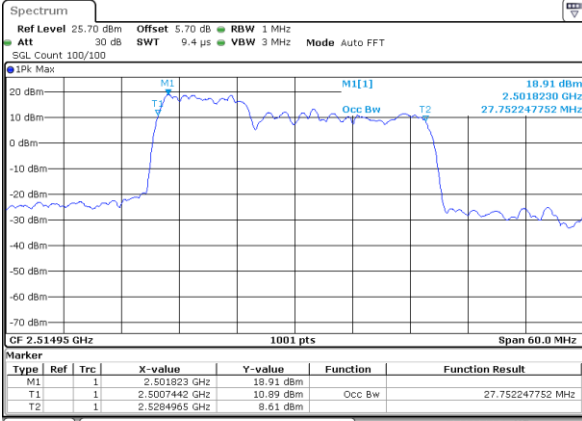
Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	28.17	23.33	28.59	32.73
Middle CH	27.63	23.18	28.65	32.52
Highest CH	27.99	23.38	28.59	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.05	32.66	37.32	-
Middle CH	27.87	32.66	37.64	-
Highest CH	27.87	32.80	37.64	-



LTE Band 7C

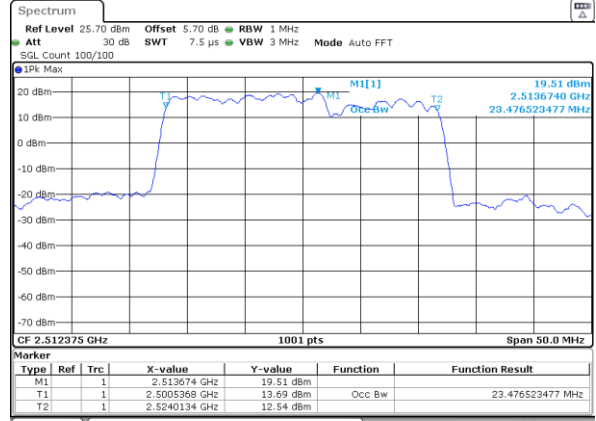
QPSK

Lowest Channel / 10MHz+20MHz



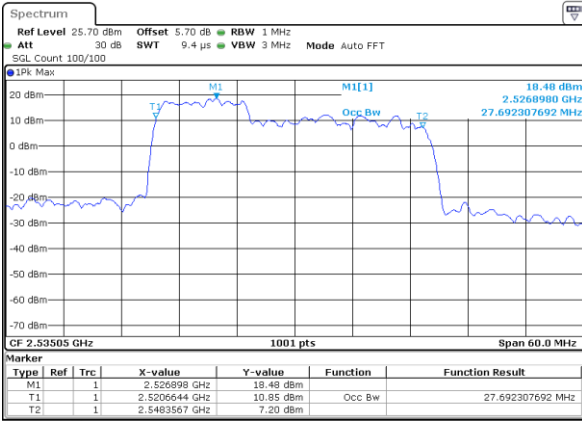
Date: 8.NOV.2020 11:47:52

Lowest Channel / 15MHz+10MHz



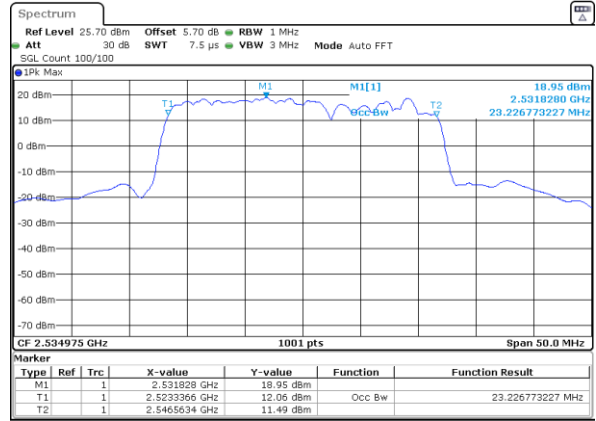
Date: 15.NOV.2020 21:08:56

Middle Channel / 10MHz+20MHz



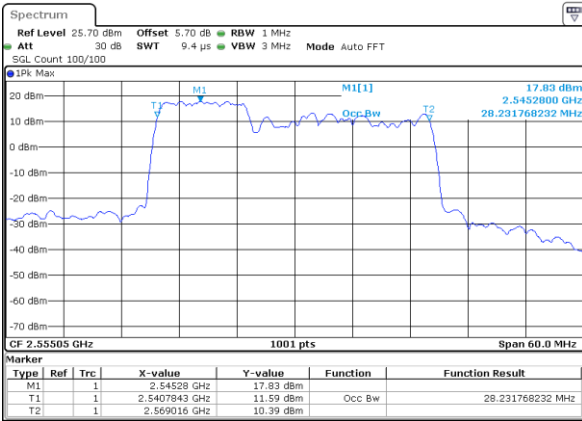
Date: 8.NOV.2020 12:17:30

Middle Channel / 15MHz+10MHz



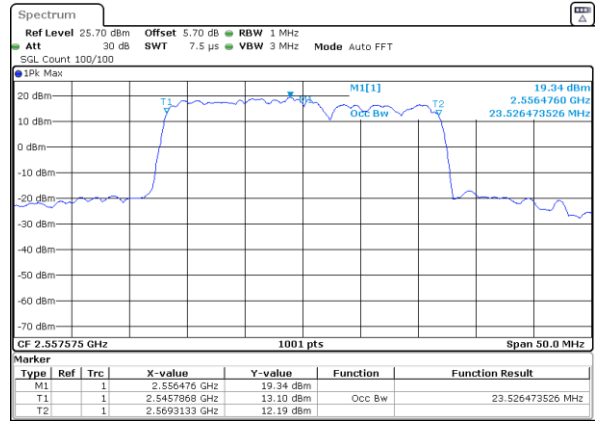
Date: 15.NOV.2020 21:33:58

Highest Channel / 10MHz+20MHz



Date: 8.NOV.2020 12:25:38

Highest Channel / 15MHz+10MHz



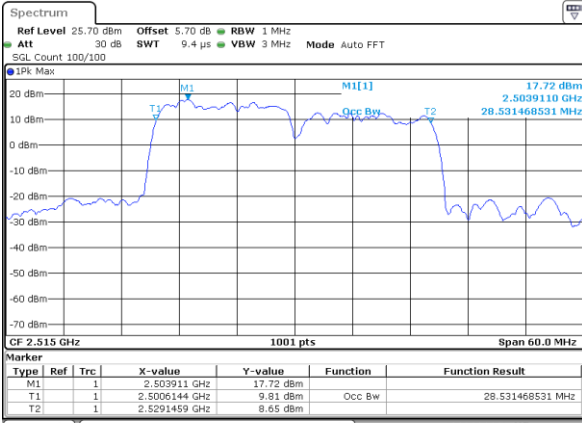
Date: 15.NOV.2020 21:42:00



LTE Band 7C

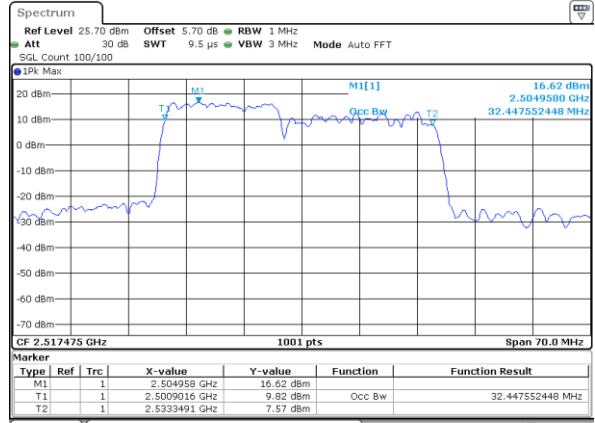
QPSK

Lowest Channel / 15MHz+15MHz



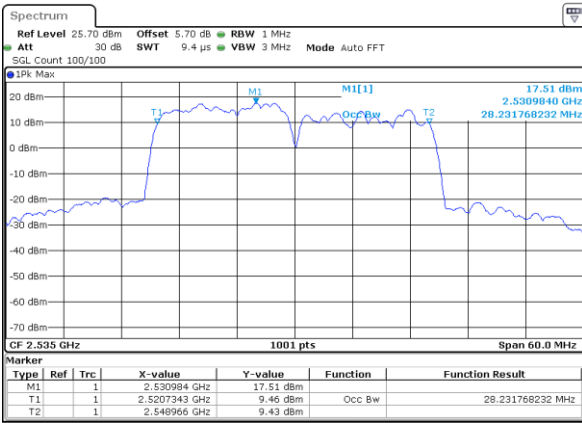
Date: 8.NOV.2020 13:20:41

Lowest Channel / 15MHz+20MHz



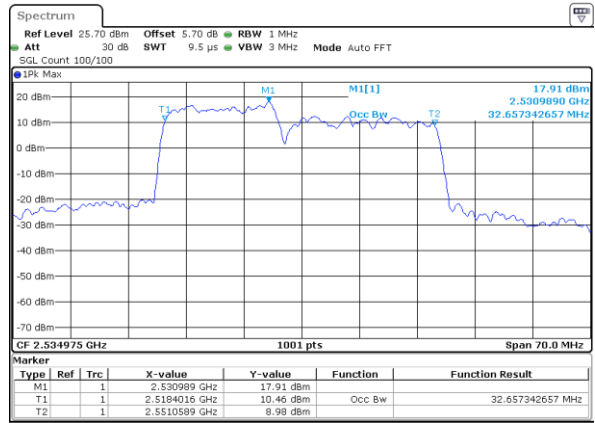
Date: 8.NOV.2020 14:09:40

Middle Channel / 15MHz+15MHz



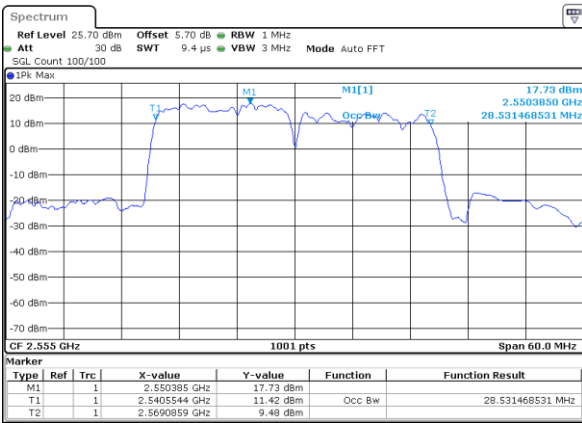
Date: 8.NOV.2020 13:46:12

Middle Channel / 15MHz+20MHz



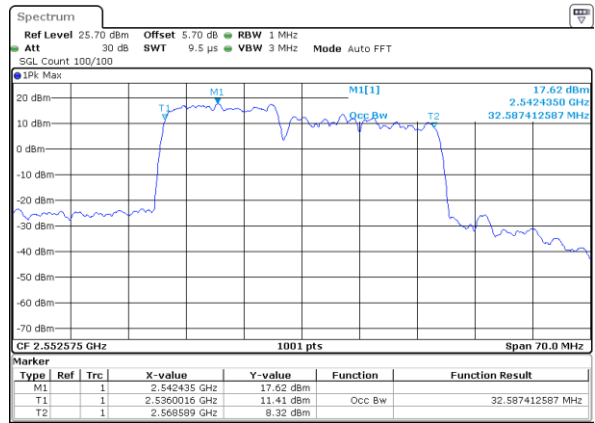
Date: 8.NOV.2020 14:42:14

Highest Channel / 15MHz+15MHz



Date: 8.NOV.2020 13:53:31

Highest Channel / 15MHz+20MHz



Date: 8.NOV.2020 15:03:55