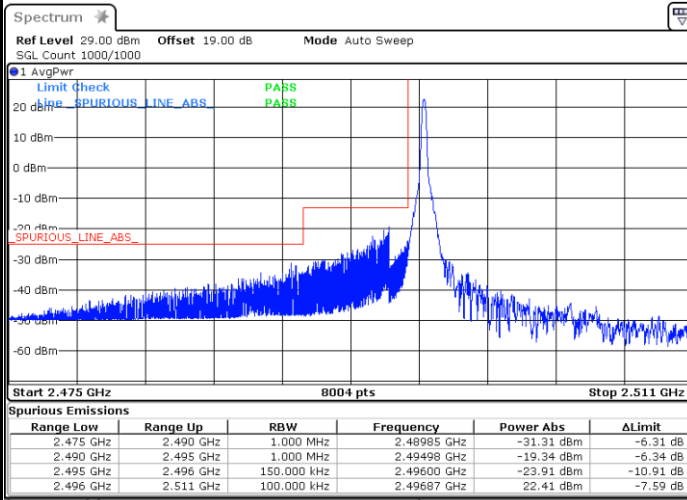




LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



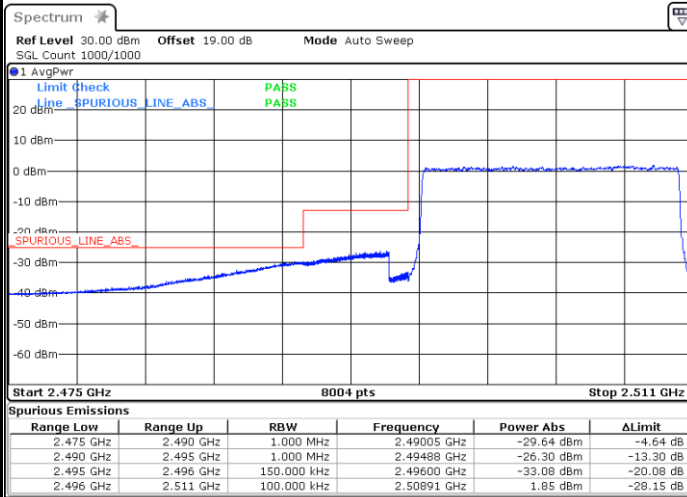
Date: 25.JAN.2021 11:33:55

Highest Band Edge / 1 RB



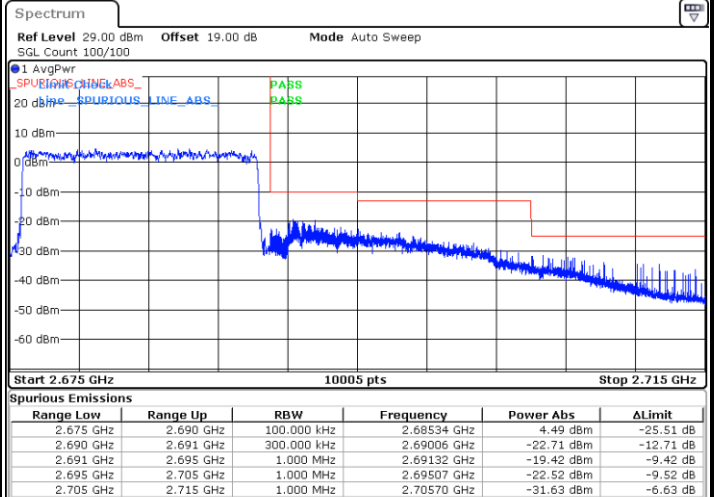
Date: 25.JAN.2021 11:34:31

Lowest Band Edge / Full RB



Date: 3.FEB.2021 16:05:33

Highest Band Edge / Full RB

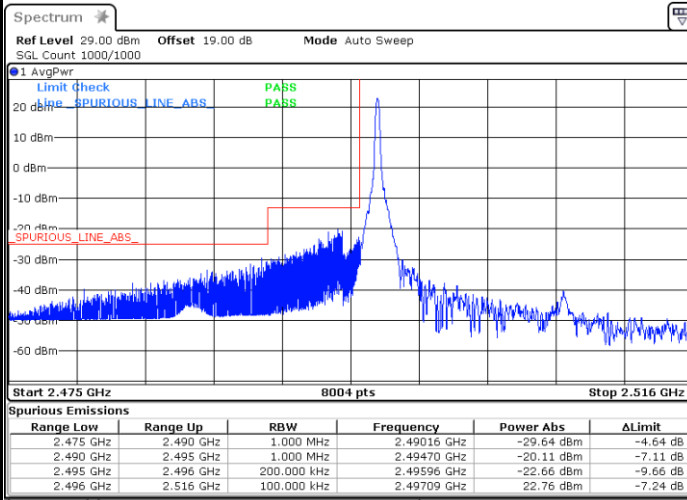


Date: 25.JAN.2021 11:40:37



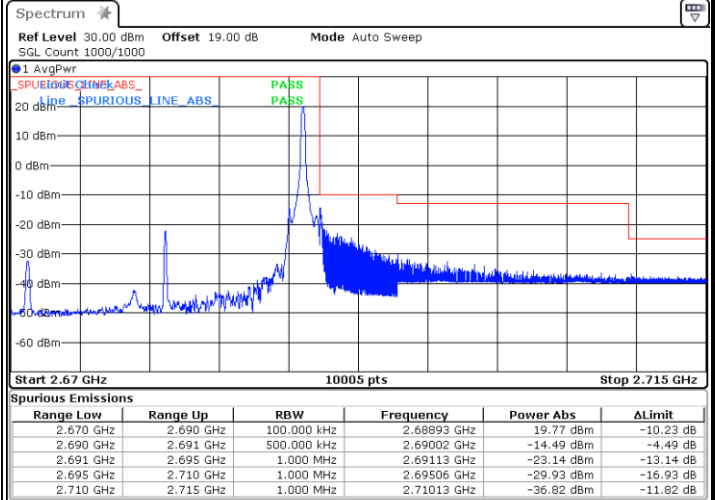
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



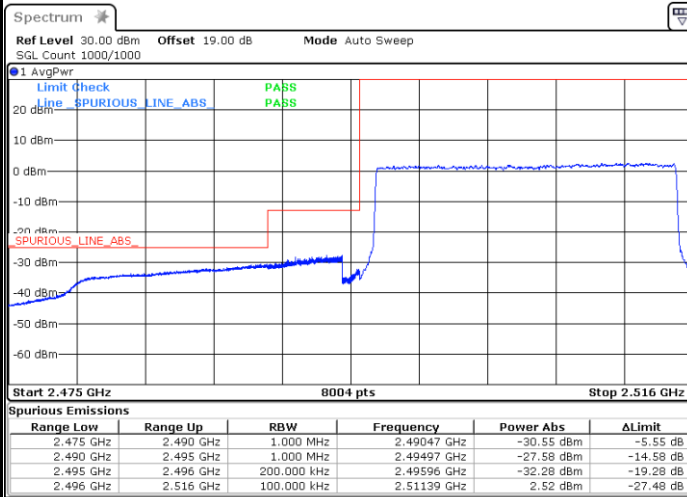
Date: 25.JAN.2021 11:50:52

Highest Band Edge / 1 RB



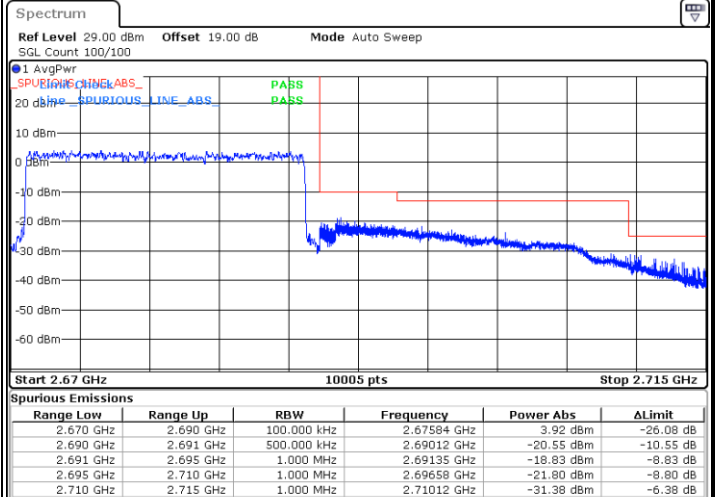
Date: 5.FEB.2021 13:46:59

Lowest Band Edge / Full RB



Date: 3.FEB.2021 16:08:34

Highest Band Edge / Full RB

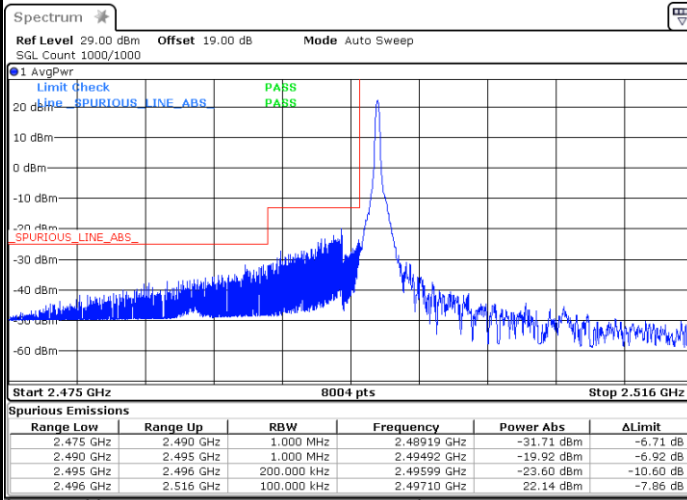


Date: 25.JAN.2021 11:59:04



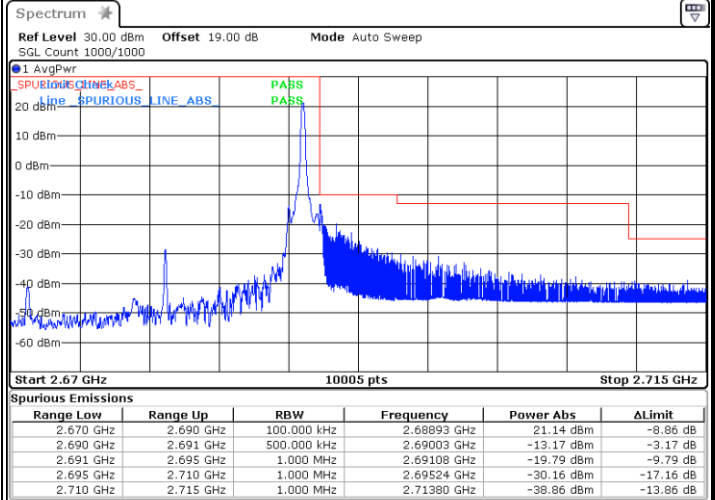
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



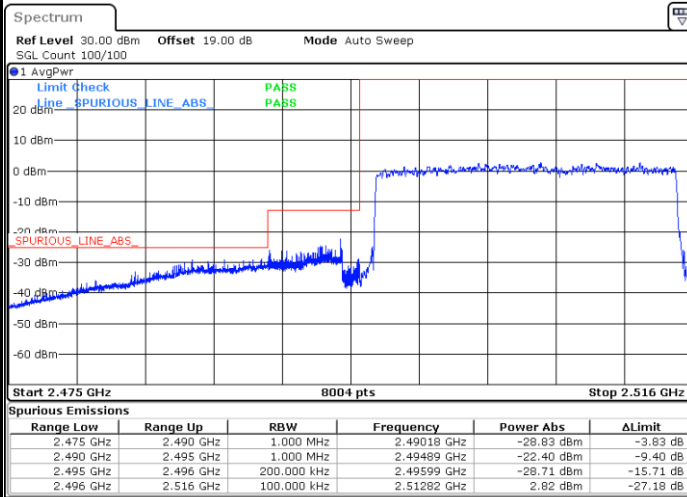
Date: 25.JAN.2021 11:49:05

Highest Band Edge / 1 RB



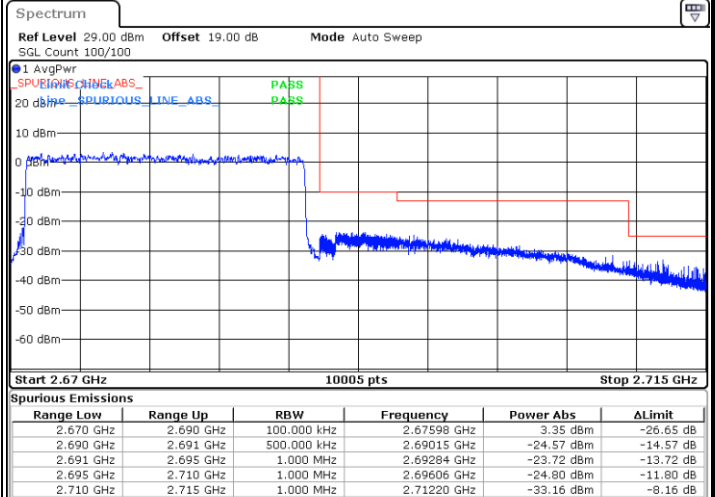
Date: 3.FEB.2021 16:11:17

Lowest Band Edge / Full RB



Date: 3.FEB.2021 16:08:50

Highest Band Edge / Full RB

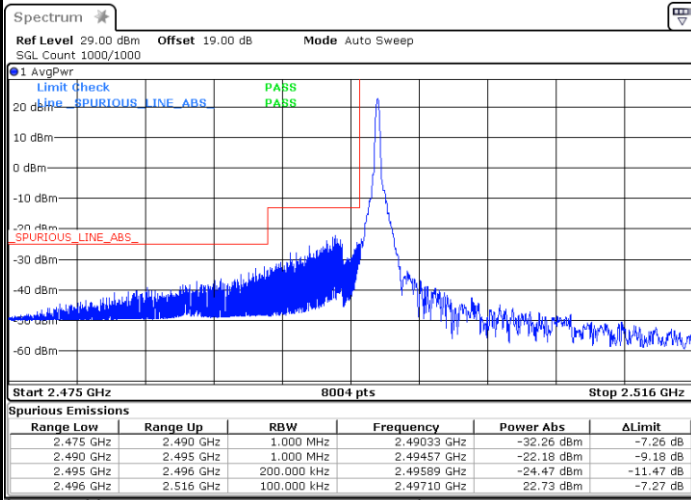


Date: 25.JAN.2021 11:58:41



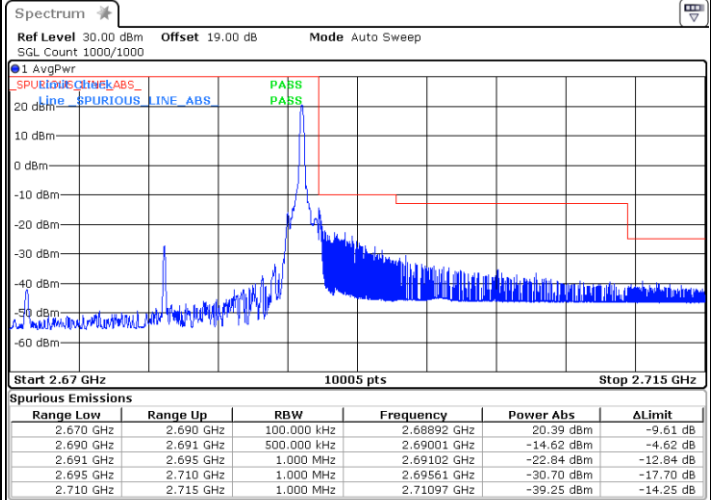
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



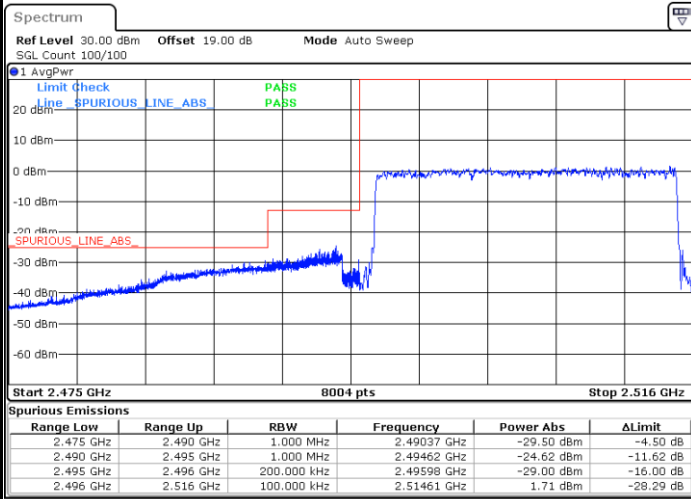
Date: 25.JAN.2021 11:48:14

Highest Band Edge / 1 RB



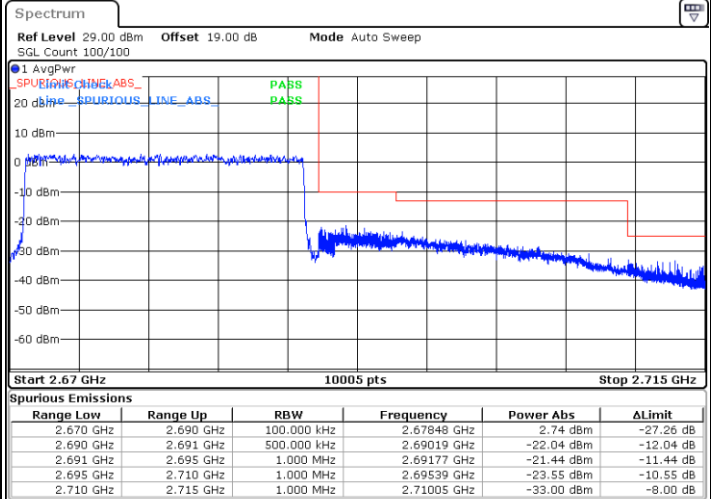
Date: 3.FEB.2021 16:10:33

Lowest Band Edge / Full RB



Date: 3.FEB.2021 16:09:09

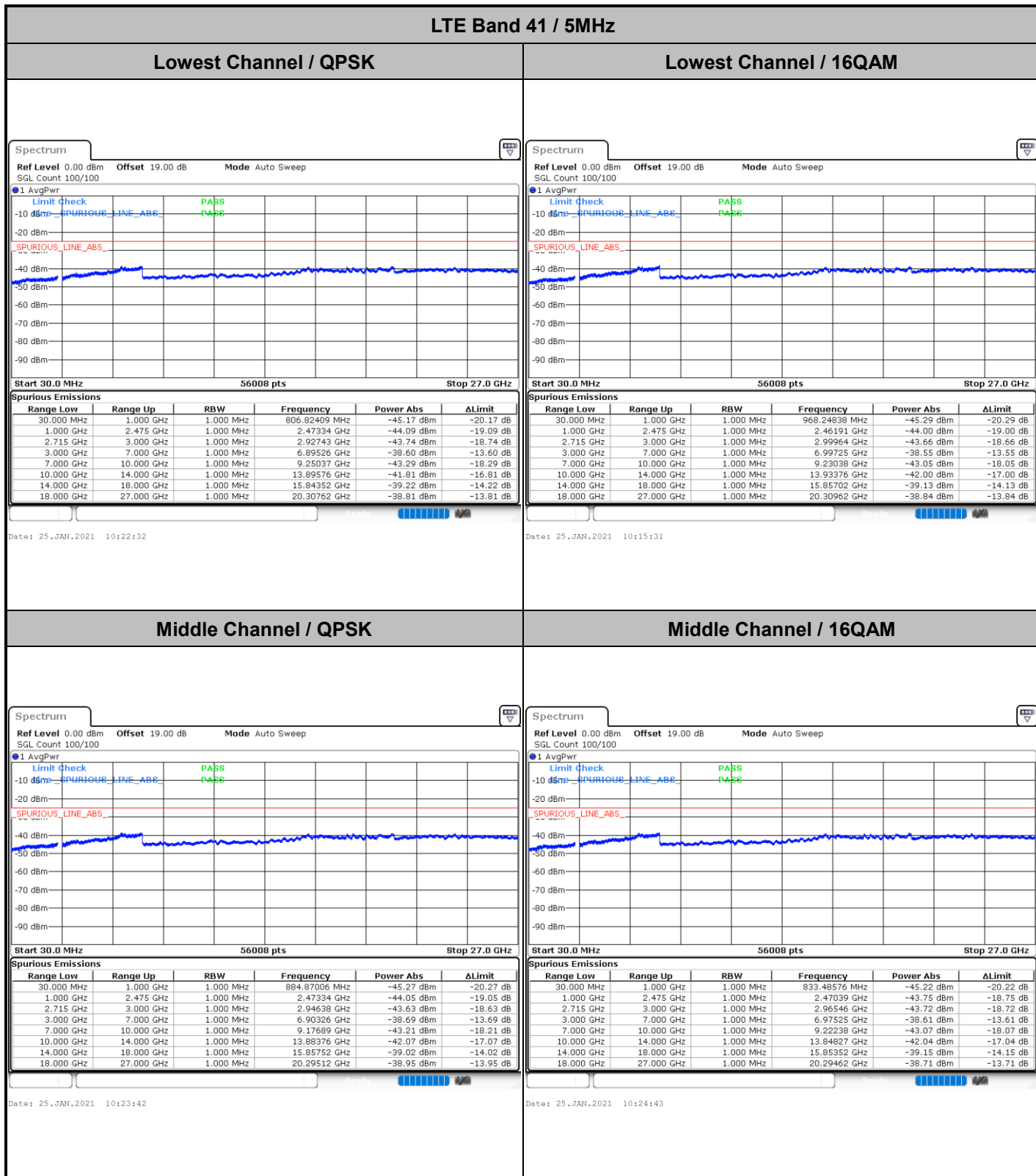
Highest Band Edge / Full RB



Date: 25.JAN.2021 11:58:28



Conducted Spurious Emission

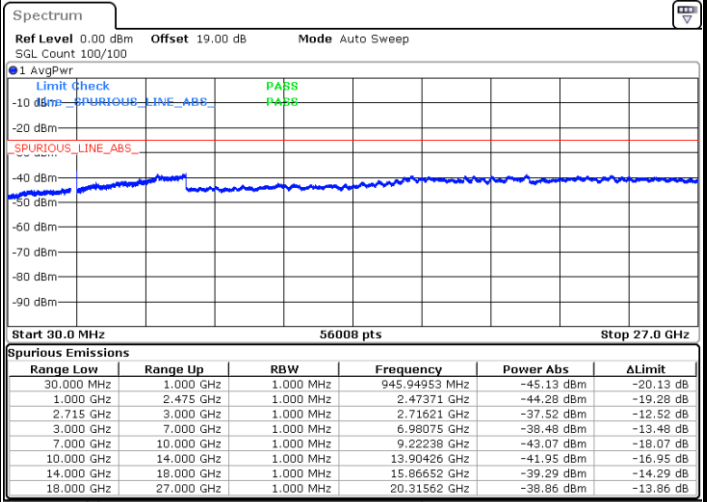
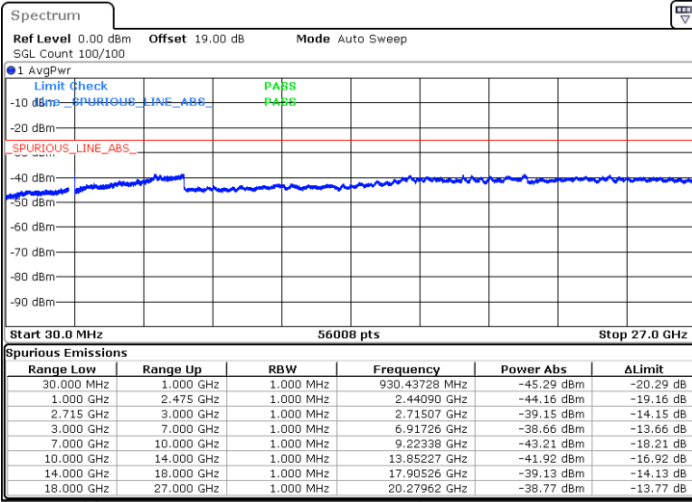




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



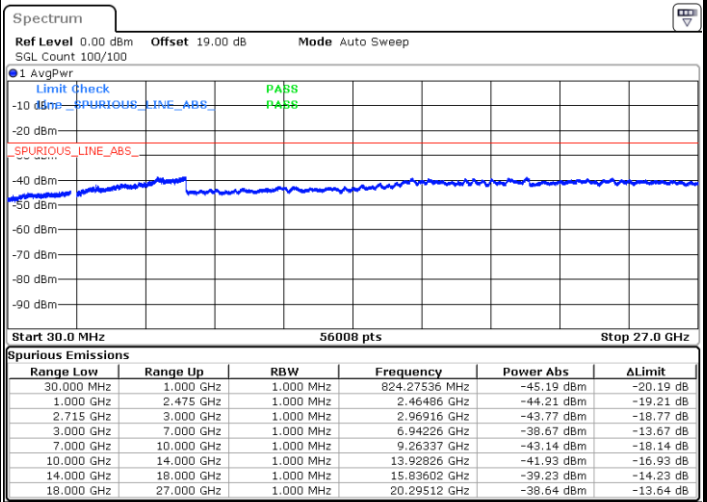
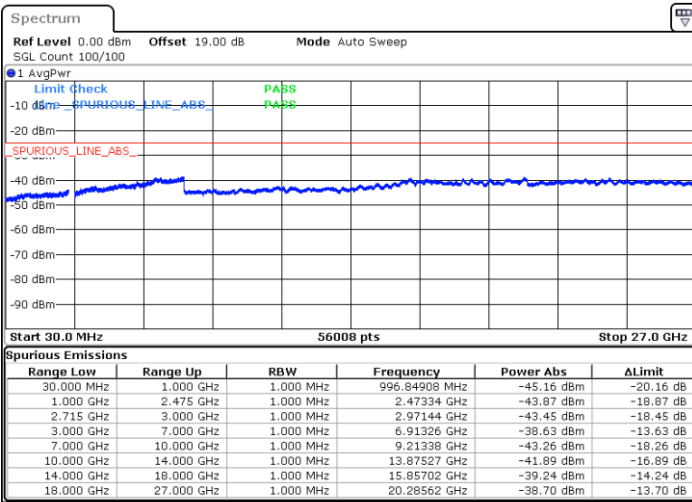
Date: 25.JAN.2021 10:29:07

Date: 25.JAN.2021 10:28:08

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25.JAN.2021 10:50:01

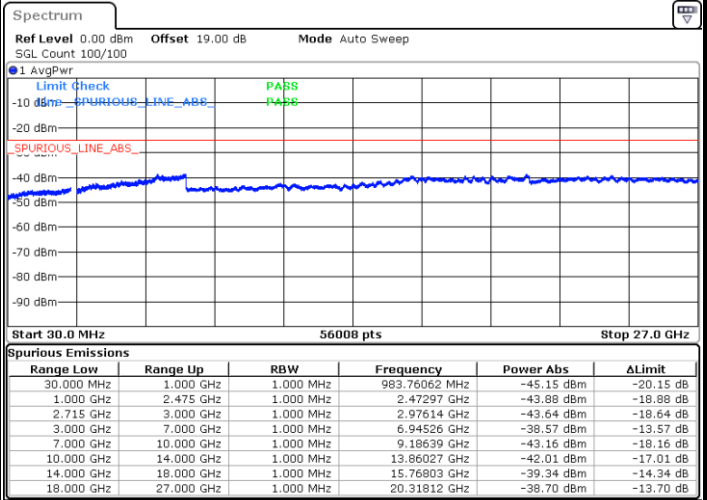
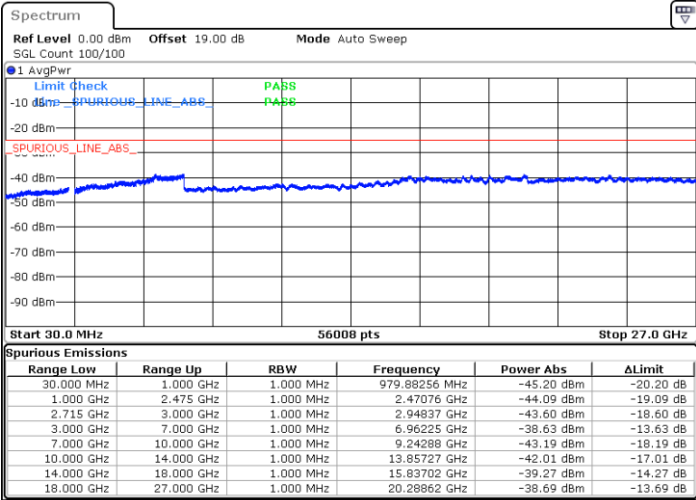
Date: 25.JAN.2021 10:47:56



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

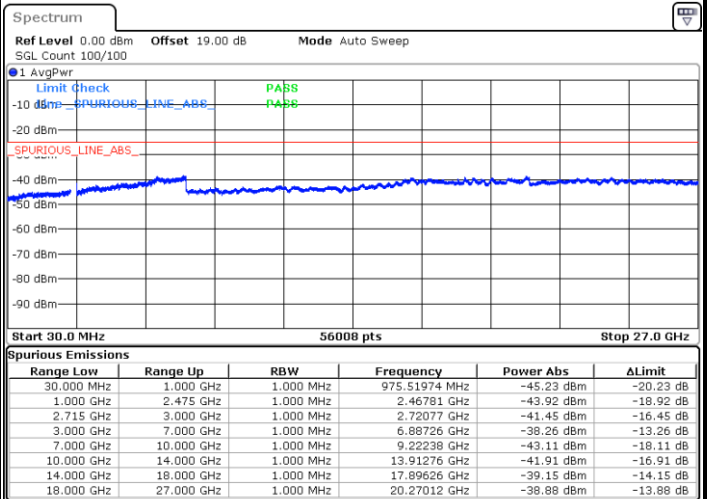
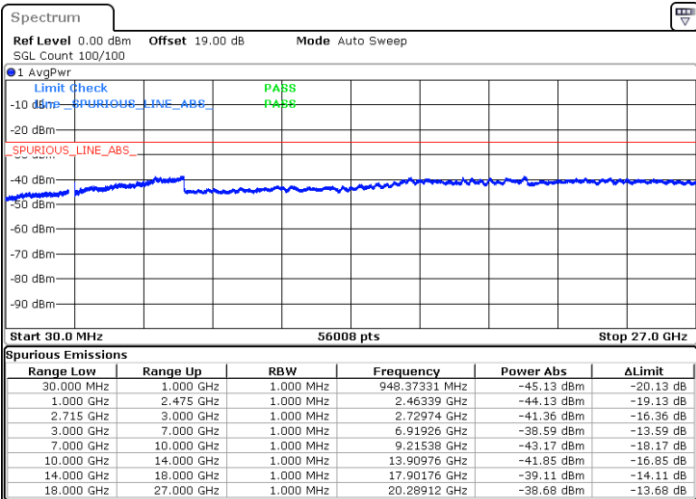


Date: 25.JAN.2021 10:51:32

Date: 25.JAN.2021 10:53:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.JAN.2021 10:58:23

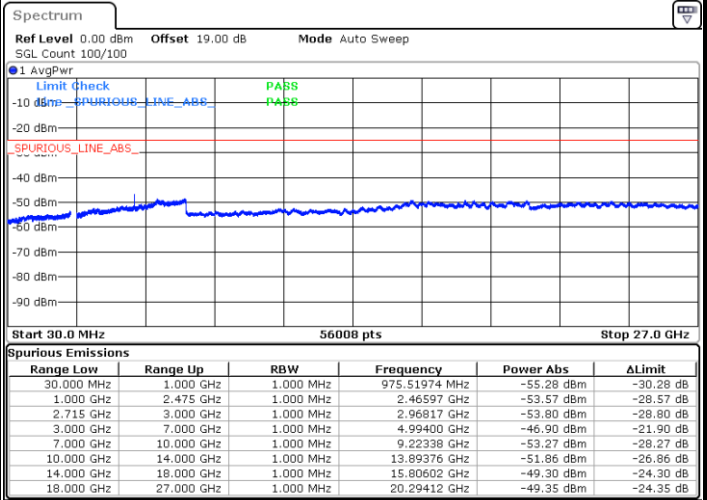
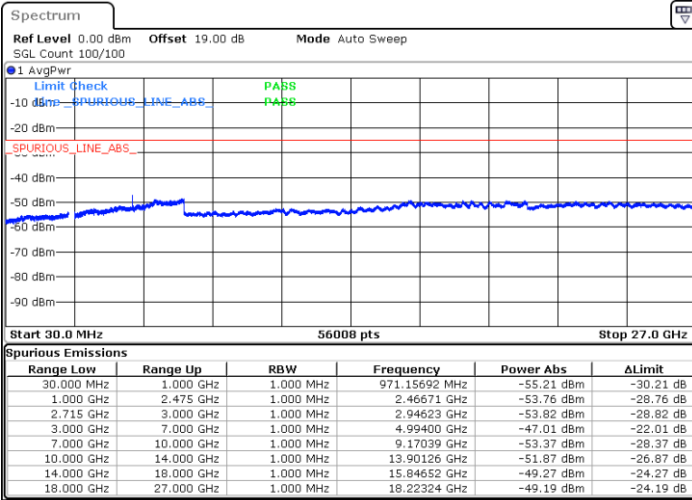
Date: 25.JAN.2021 10:57:09



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

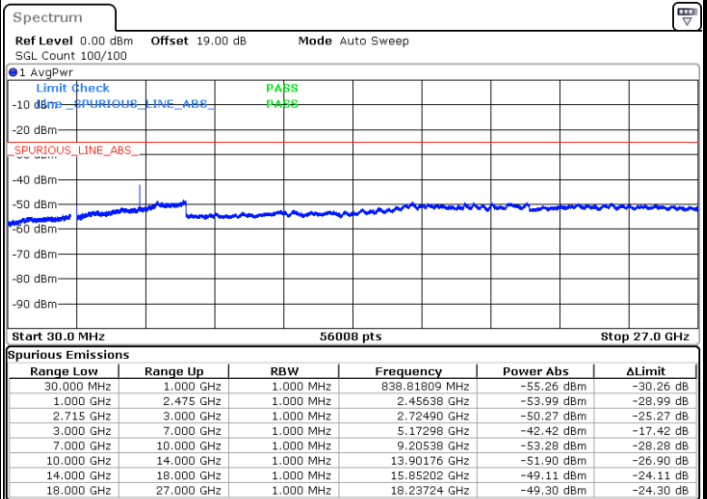
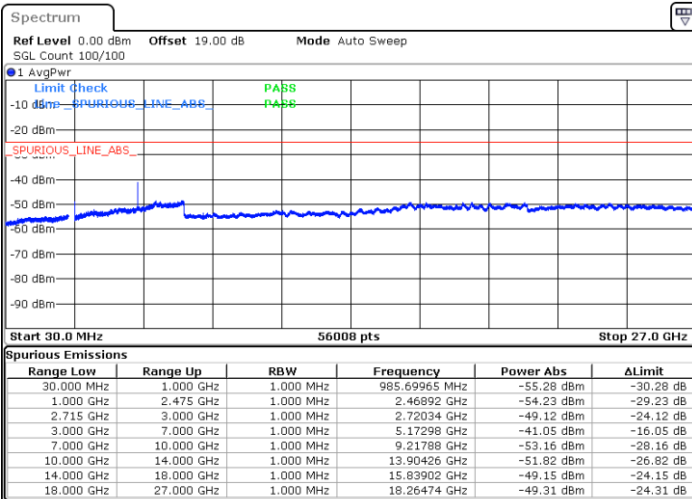


Date: 25.JAN.2021 11:03:58

Date: 25.JAN.2021 11:04:52

Middle Channel / QPSK

Middle Channel / 16QAM



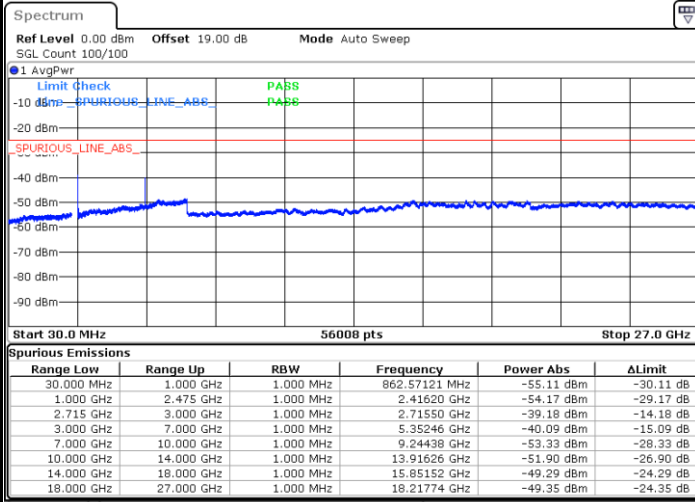
Date: 25.JAN.2021 11:05:46

Date: 25.JAN.2021 11:06:39



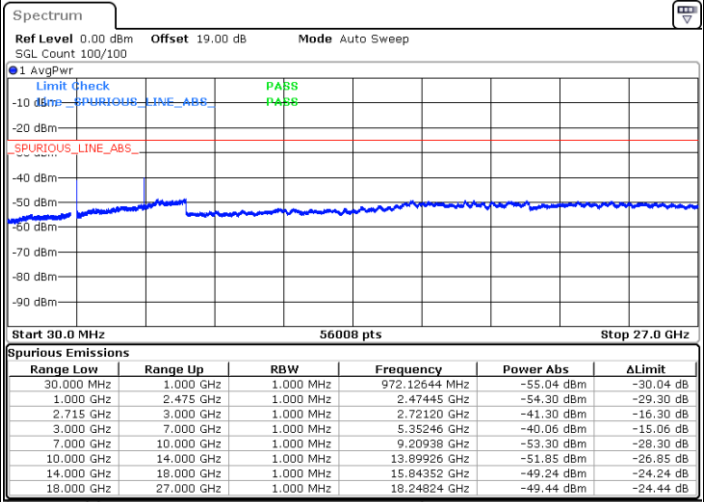
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 25.JAN.2021 11:07:32

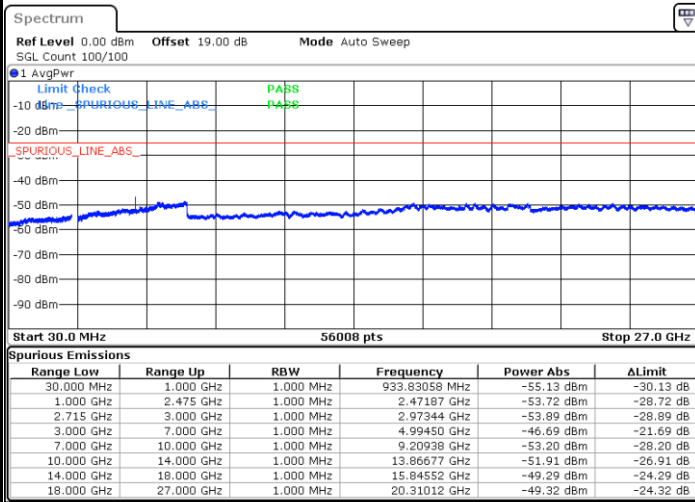
Highest Channel / 16QAM



Date: 25.JAN.2021 11:08:26

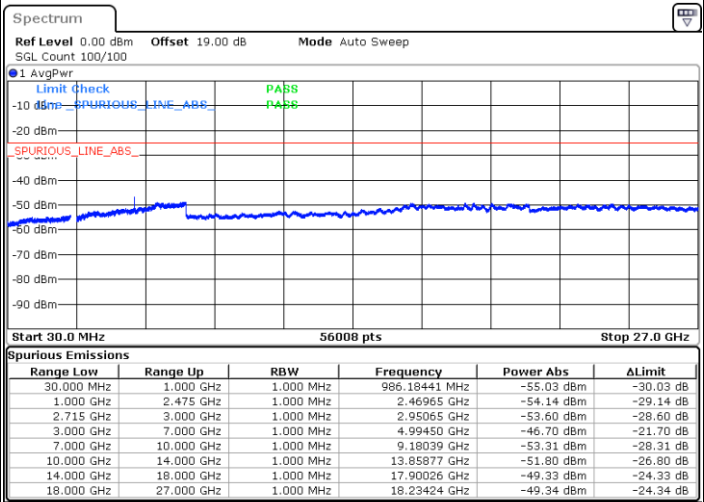
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 25.JAN.2021 11:09:19

Lowest Channel / 16QAM



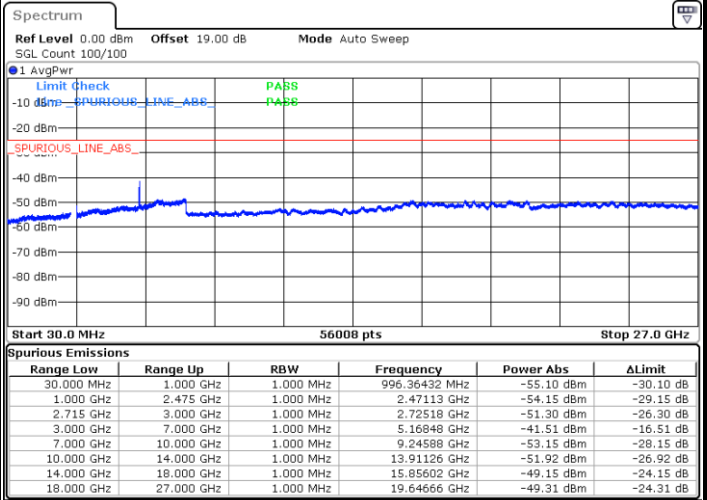
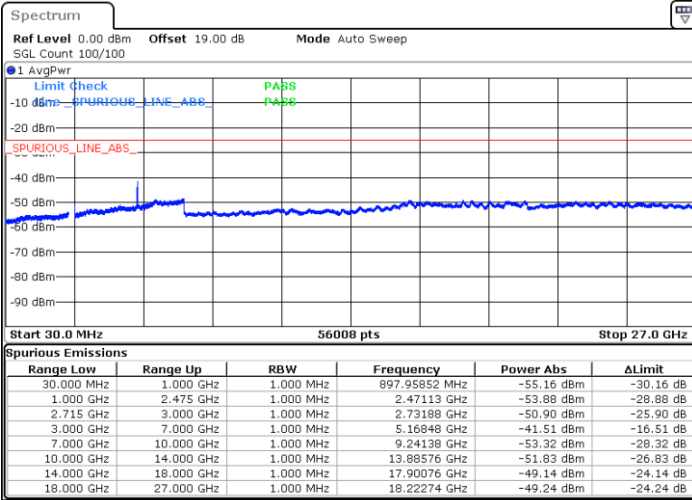
Date: 25.JAN.2021 11:10:12



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

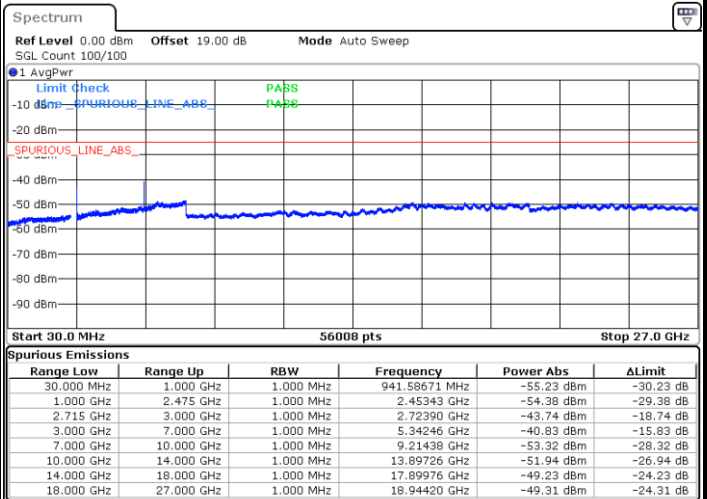
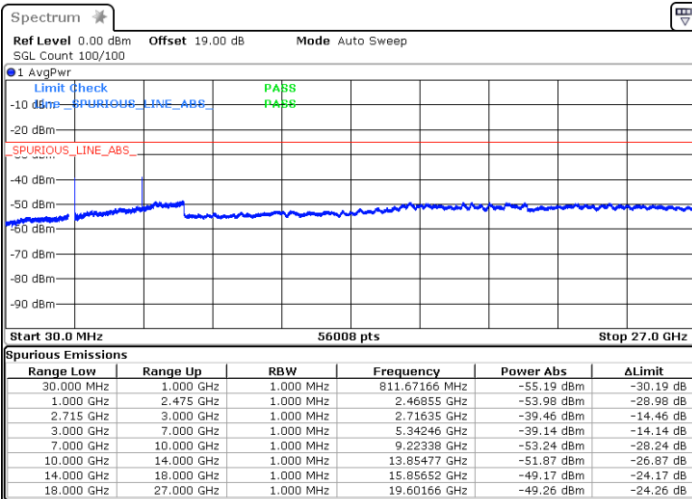


Date: 25.JAN.2021 11:11:05

Date: 25.JAN.2021 11:11:59

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.JAN.2021 11:12:53

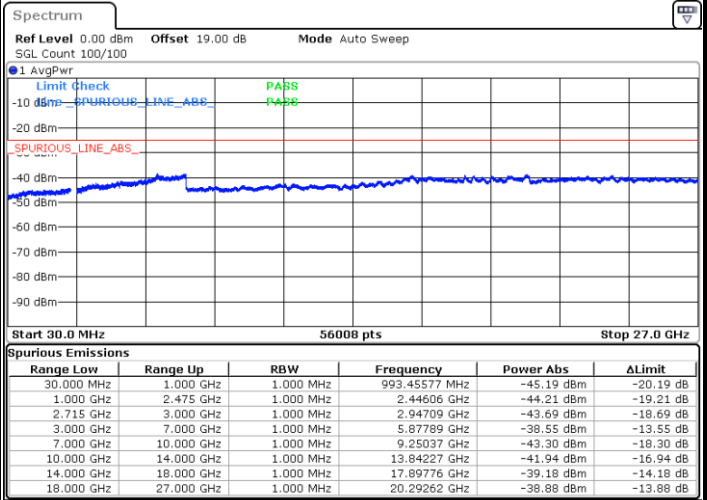
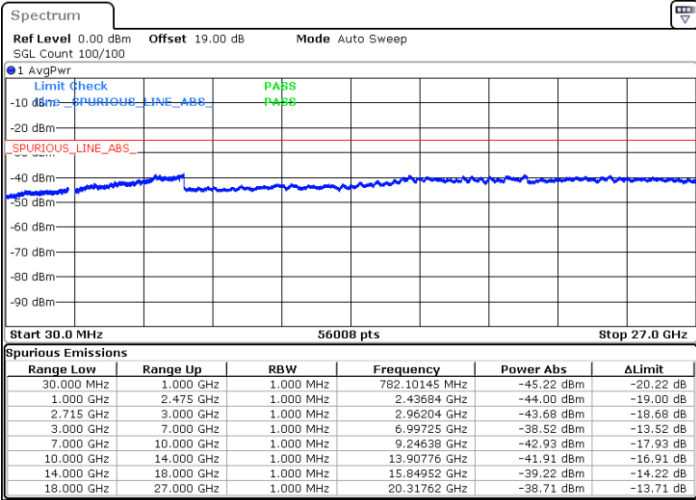
Date: 25.JAN.2021 11:13:48



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

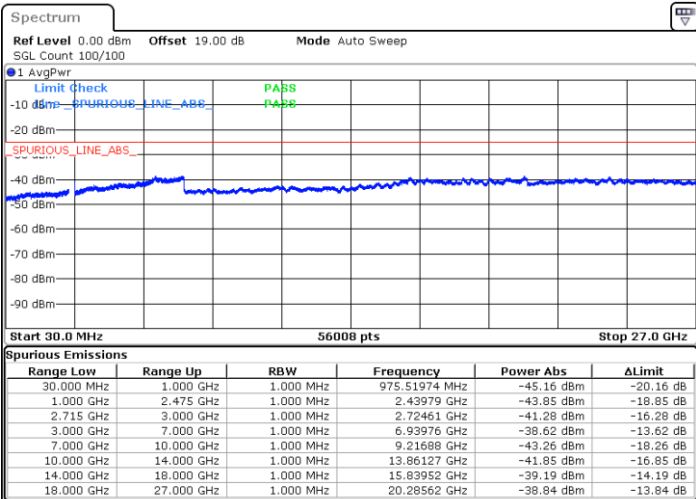
Middle Channel / 64QAM



Date: 25.JAN.2021 10:09:26

Date: 25.JAN.2021 10:25:42

Highest Channel / 64QAM



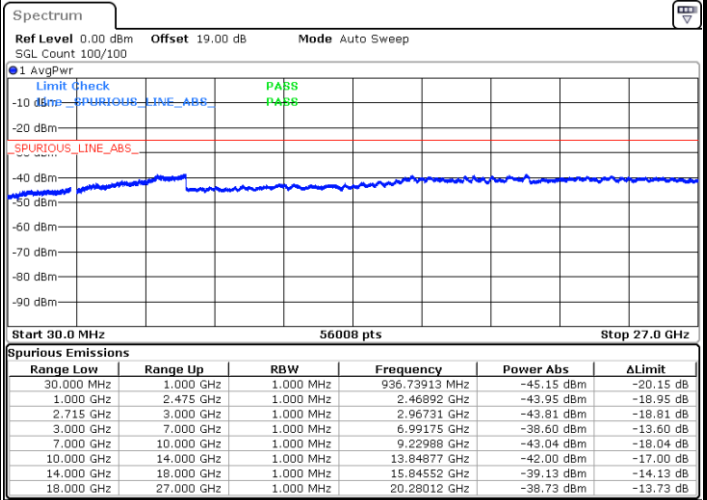
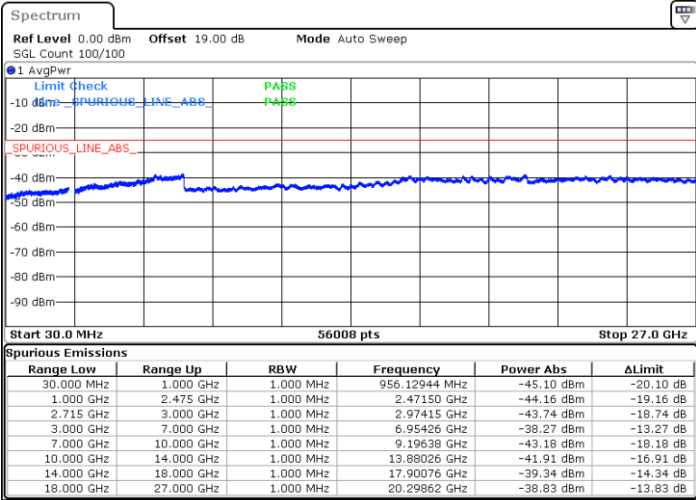
Date: 25.JAN.2021 10:26:46



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

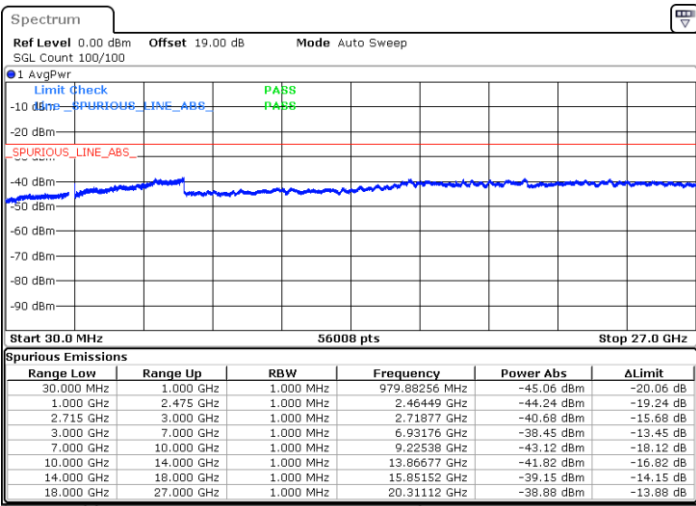
Middle Channel / 64QAM



Date: 25.JAN.2021 10:45:48

Date: 25.JAN.2021 10:55:04

Highest Channel / 64QAM



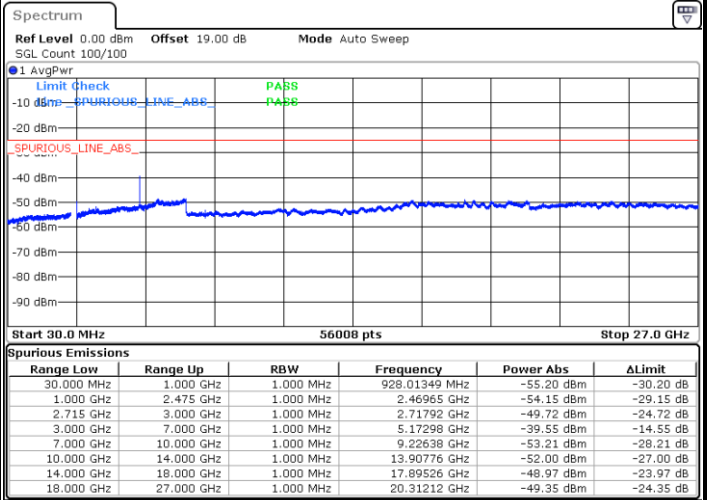
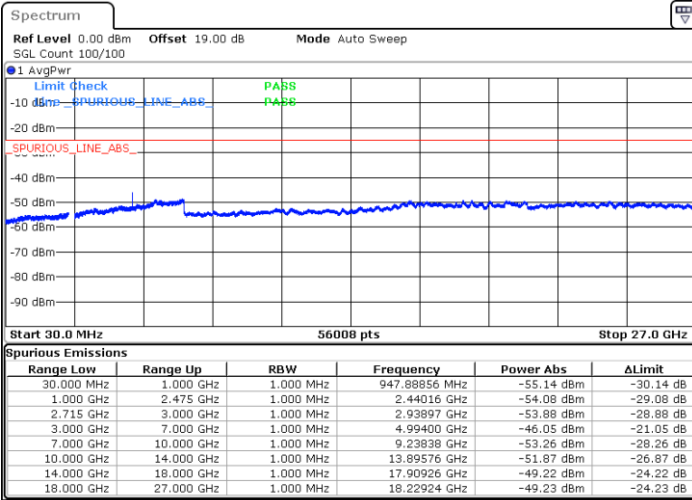
Date: 25.JAN.2021 10:56:04



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

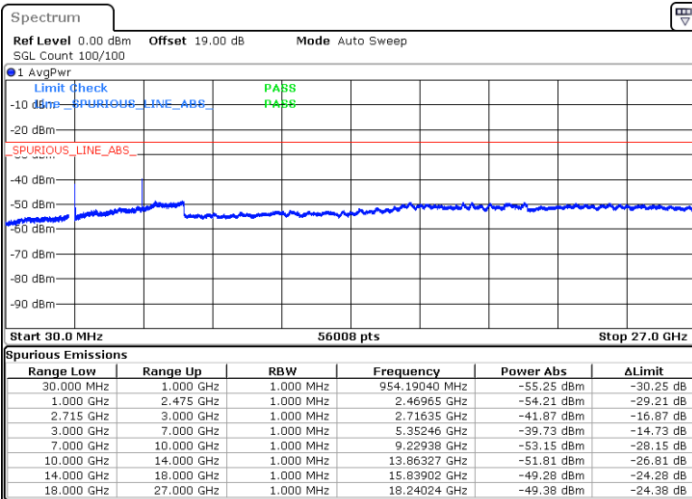
Middle Channel / 64QAM



Date: 25.JAN.2021 11:18:04

Date: 25.JAN.2021 11:18:59

Highest Channel / 64QAM



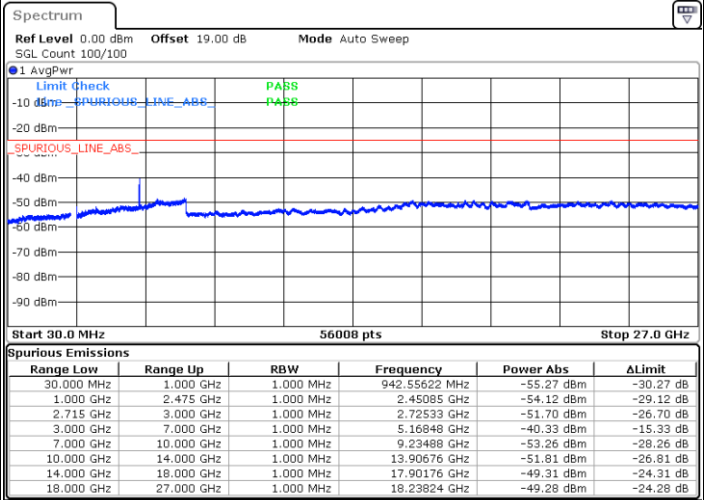
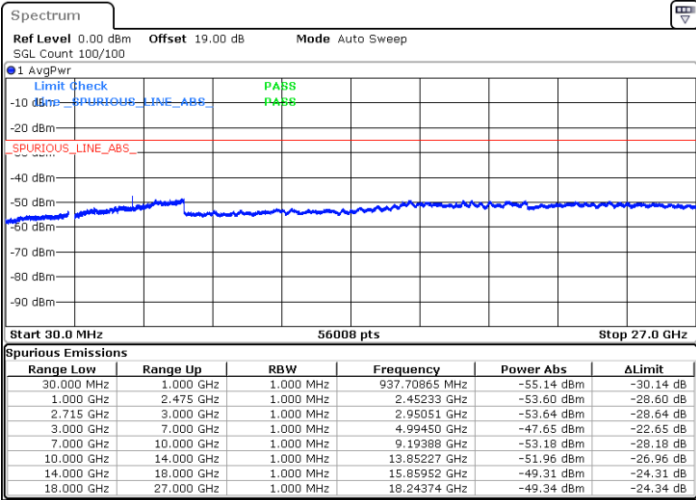
Date: 25.JAN.2021 11:19:53



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

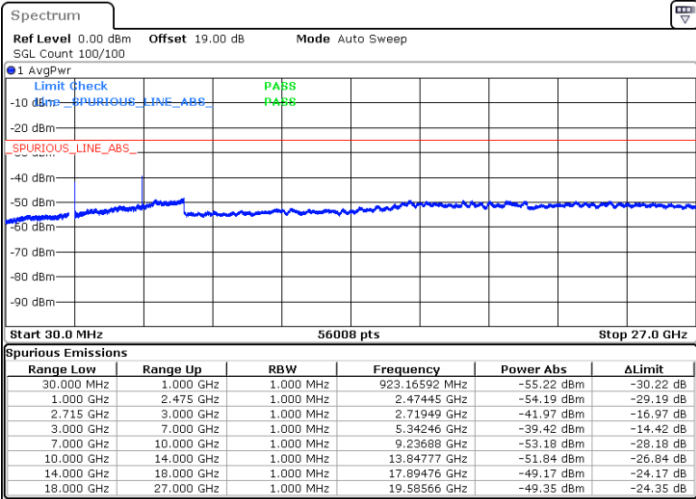
Middle Channel / 64QAM



Date: 25.JAN.2021 11:20:46

Date: 25.JAN.2021 11:21:39

Highest Channel / 64QAM



Date: 25.JAN.2021 11:22:32



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	0.0011	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.45 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	24.63	25.08	29.73	25.28	30.45
Middle CH	24.83	25.13	29.85	25.18	30.51
Highest CH	24.83	25.18	29.91	25.18	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.83	30.27	34.90	39.72
Middle CH	34.90	24.78	29.91	34.83	39.72
Highest CH	34.83	24.93	30.09	34.90	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.58	25.08	29.85	25.13	30.51
Middle CH	24.48	24.98	30.21	25.08	30.63
Highest CH	24.68	24.83	29.85	24.98	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.88	30.15	34.90	39.64
Middle CH	34.76	24.93	30.03	34.90	39.72
Highest CH	34.62	24.88	30.09	35.04	39.80

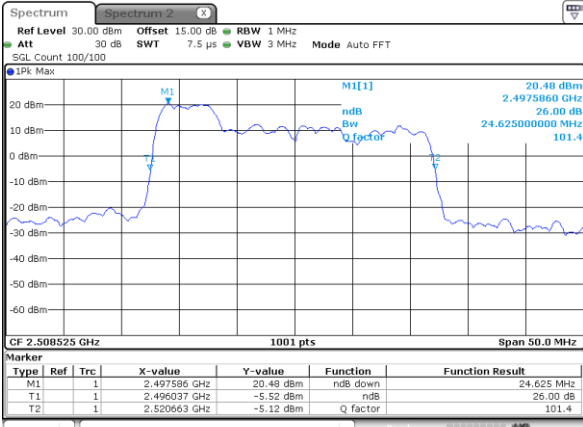
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	24.98	29.73	25.18	30.33
Middle CH	24.83	25.08	29.85	25.03	30.63
Highest CH	24.63	25.13	29.91	25.23	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.88	29.97	34.97	40.04
Middle CH	34.76	24.98	30.09	34.90	39.72
Highest CH	34.83	24.93	30.03	34.90	39.80



LTE Band 41C

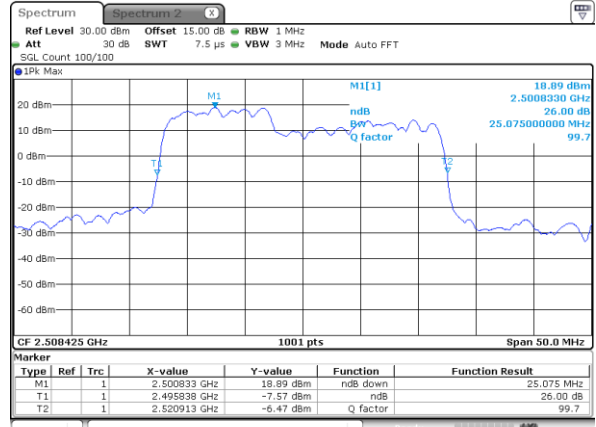
QPSK

Lowest Channel / 5MHz+20MHz



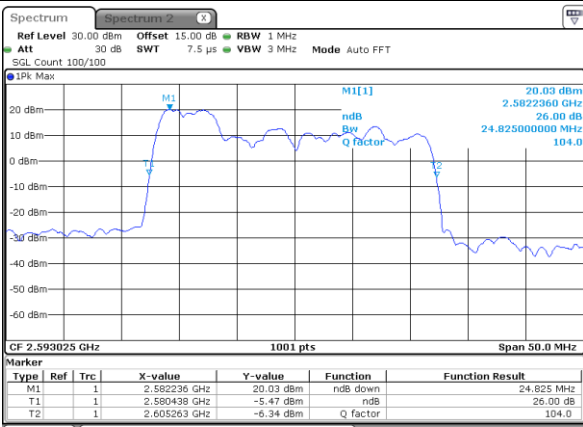
Date: 26.JAN.2021 16:29:33

Lowest Channel / 10MHz+15MHz



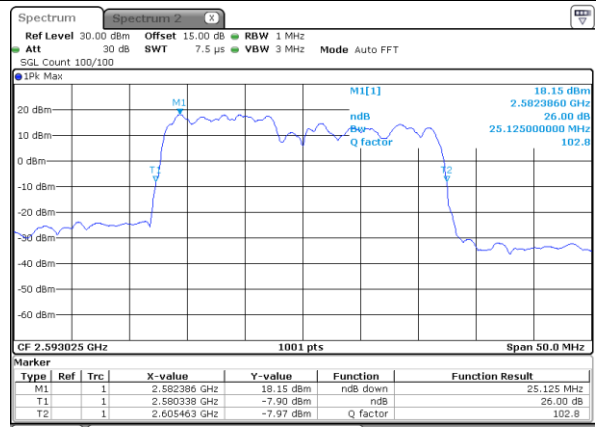
Date: 26.JAN.2021 17:49:53

Middle Channel / 5MHz+20MHz



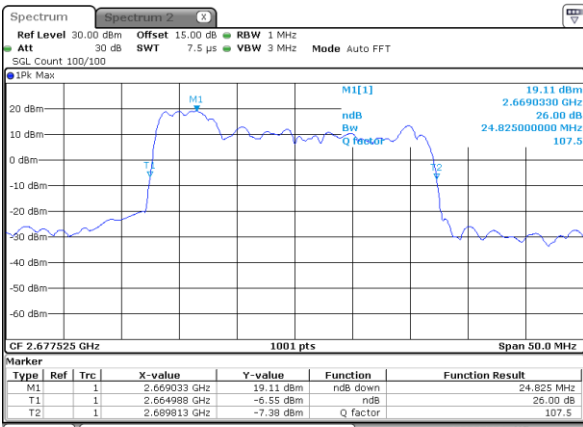
Date: 26.JAN.2021 16:32:19

Middle Channel / 10MHz+15MHz



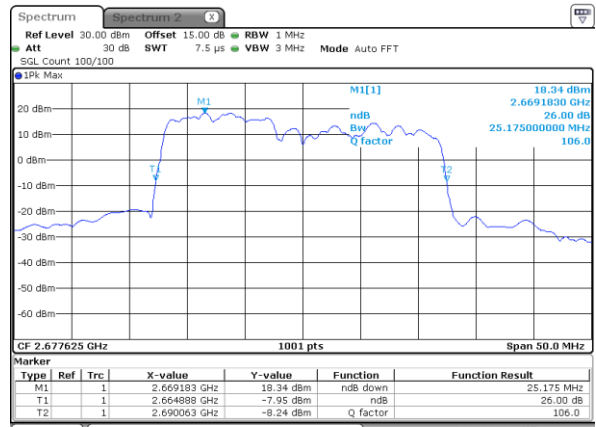
Date: 26.JAN.2021 17:52:39

Highest Channel / 5MHz+20MHz



Date: 26.JAN.2021 16:32:52

Highest Channel / 10MHz+15MHz



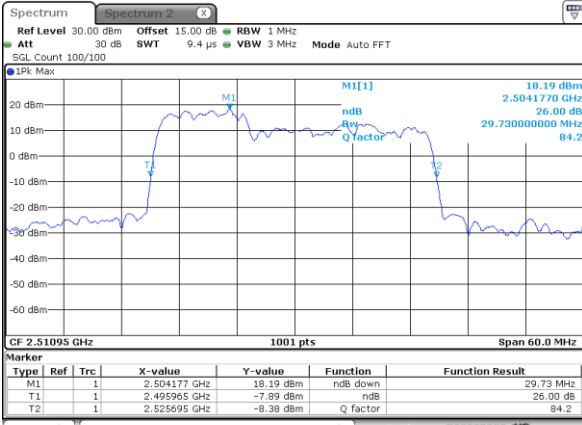
Date: 26.JAN.2021 17:53:12



LTE Band 41C

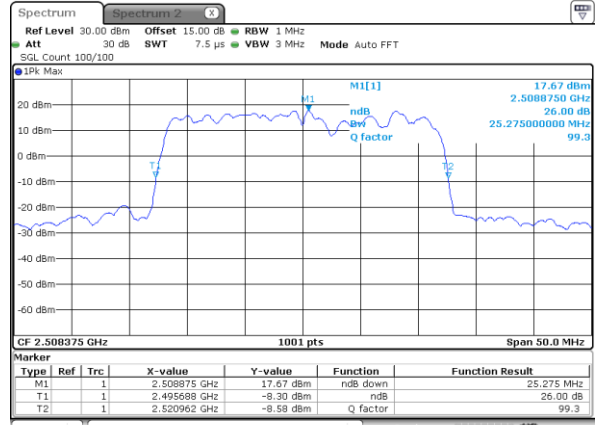
QPSK

Lowest Channel / 10MHz+20MHz



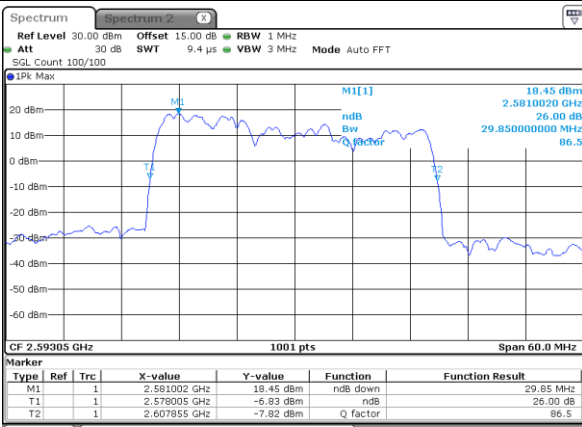
Date: 26.JAN.2021 20:24:05

Lowest Channel / 15MHz+10MHz



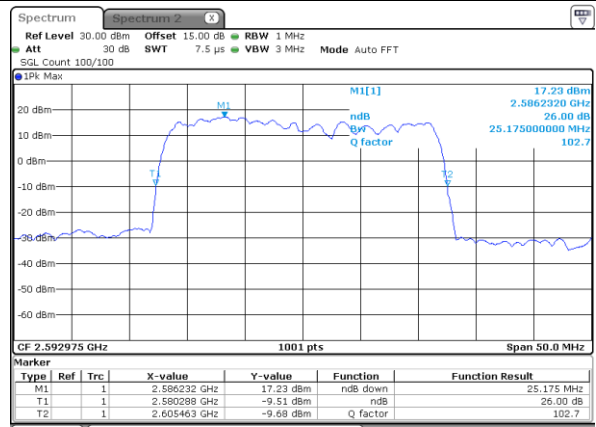
Date: 26.JAN.2021 19:04:14

Middle Channel / 10MHz+20MHz



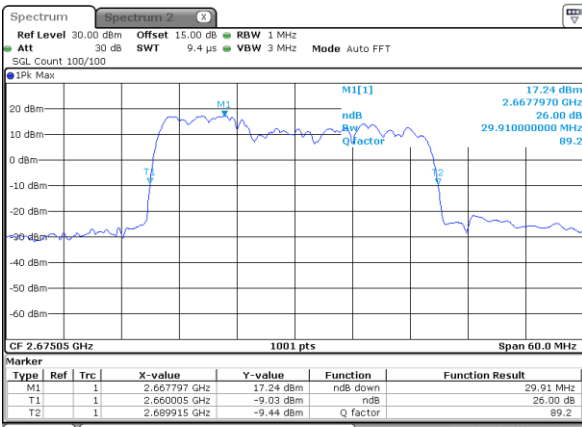
Date: 26.JAN.2021 20:26:51

Middle Channel / 15MHz+10MHz



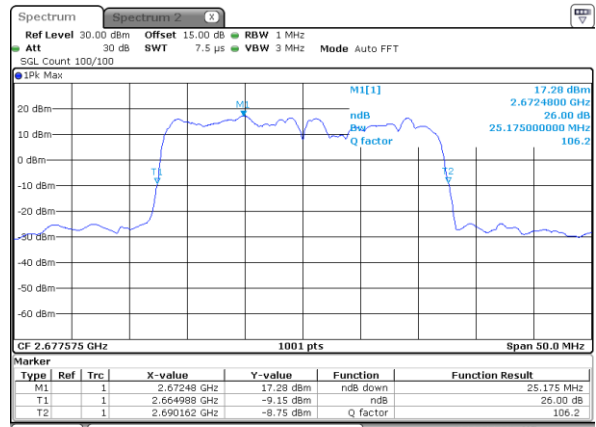
Date: 26.JAN.2021 19:01:28

Highest Channel / 10MHz+20MHz



Date: 26.JAN.2021 20:27:24

Highest Channel / 15MHz+10MHz



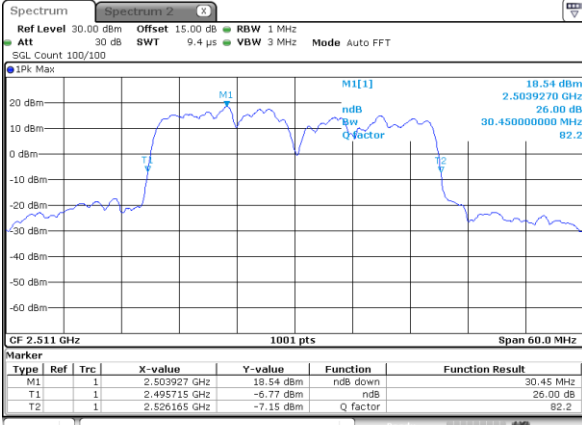
Date: 26.JAN.2021 19:00:55



LTE Band 41C

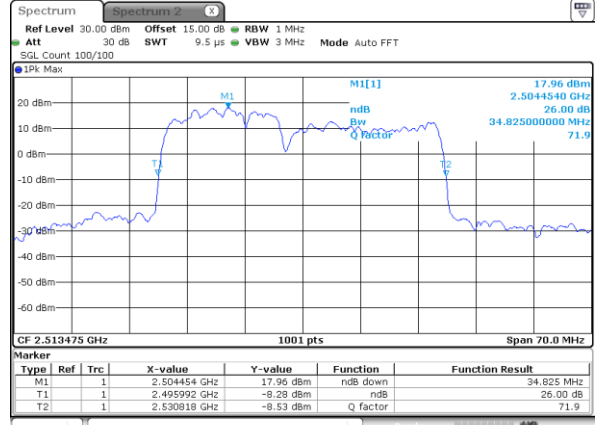
QPSK

Lowest Channel / 15MHz+15MHz



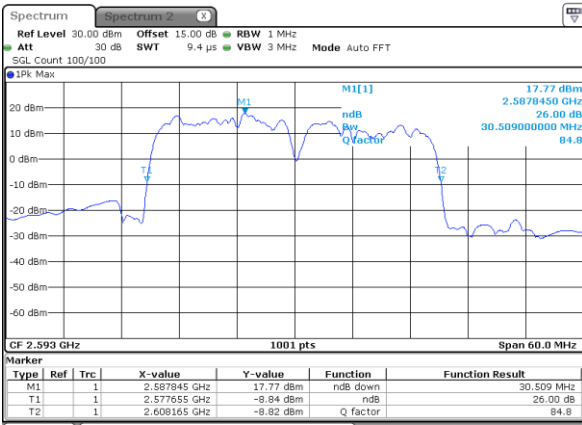
Date: 26.JAN.2021 22:47:45

Lowest Channel / 15MHz+20MHz



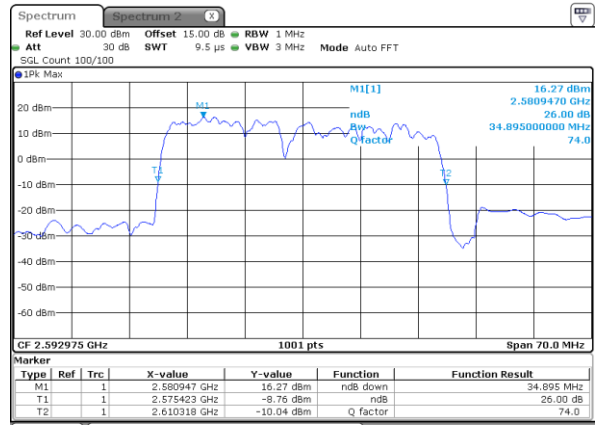
Date: 26.JAN.2021 23:53:11

Middle Channel / 15MHz+15MHz



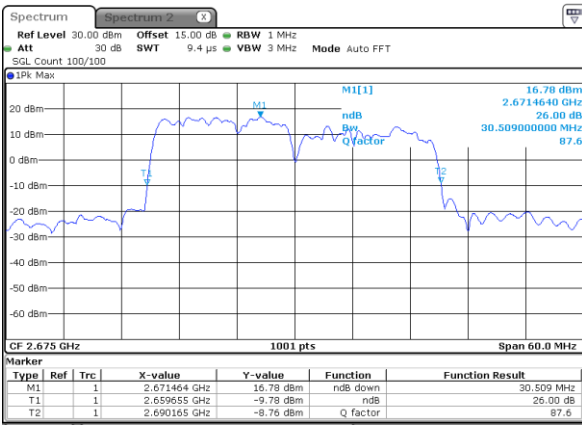
Date: 26.JAN.2021 22:44:59

Middle Channel / 15MHz+20MHz



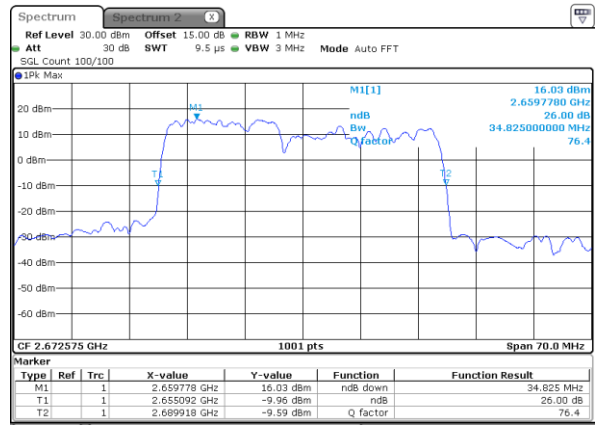
Date: 26.JAN.2021 23:55:56

Highest Channel / 15MHz+15MHz



Date: 26.JAN.2021 22:44:26

Highest Channel / 15MHz+20MHz



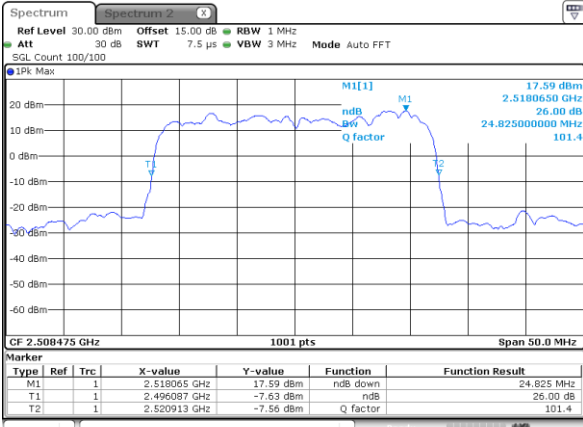
Date: 26.JAN.2021 23:56:30



LTE Band 41C

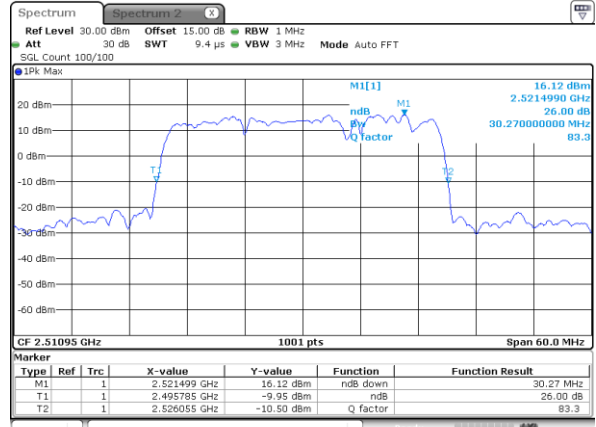
QPSK

Lowest Channel / 20MHz+5MHz



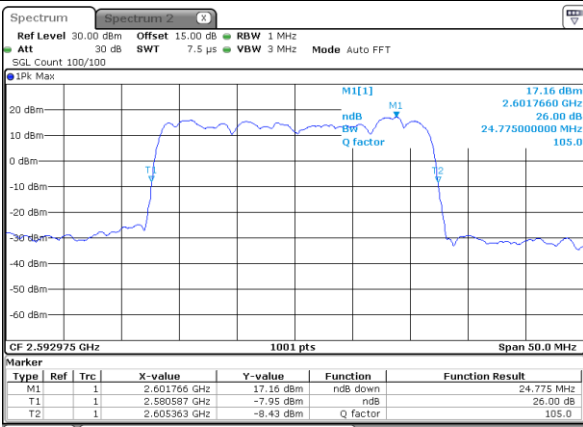
Date: 26.JAN.2021 16:44:11

Lowest Channel / 20MHz+10MHz



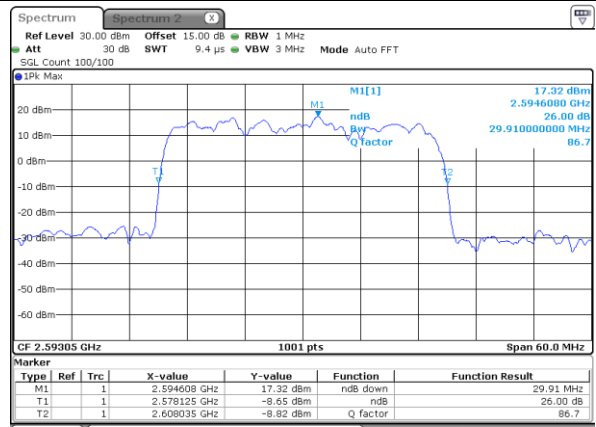
Date: 26.JAN.2021 21:33:25

Middle Channel / 20MHz+5MHz



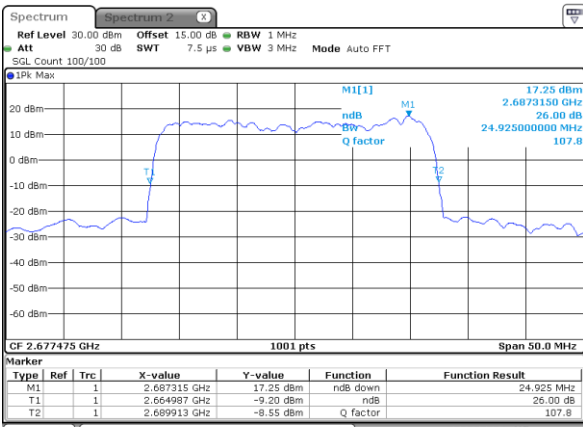
Date: 26.JAN.2021 16:41:26

Middle Channel / 20MHz+10MHz



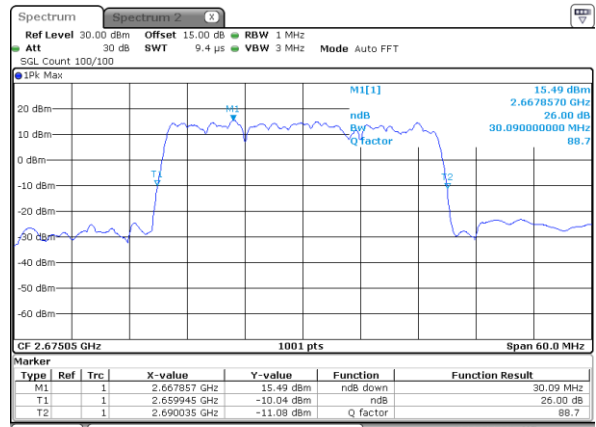
Date: 26.JAN.2021 21:36:10

Highest Channel / 20MHz+5MHz



Date: 26.JAN.2021 16:40:53

Highest Channel / 20MHz+10MHz



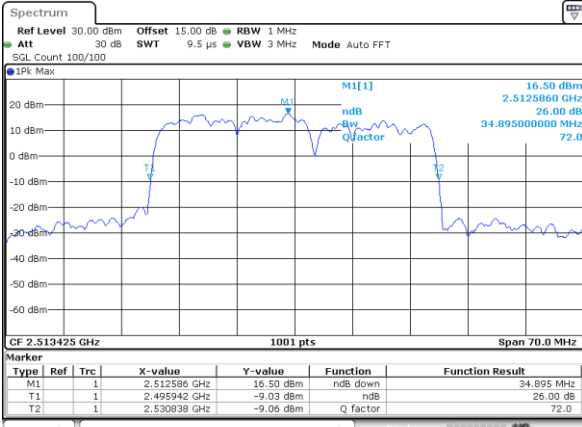
Date: 26.JAN.2021 21:36:43



LTE Band 41C

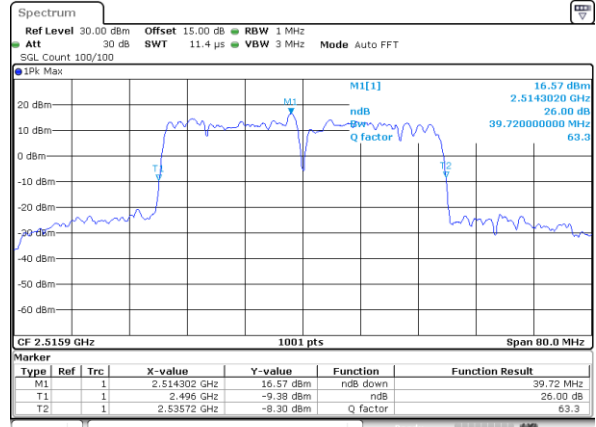
QPSK

Lowest Channel / 20MHz+15MHz



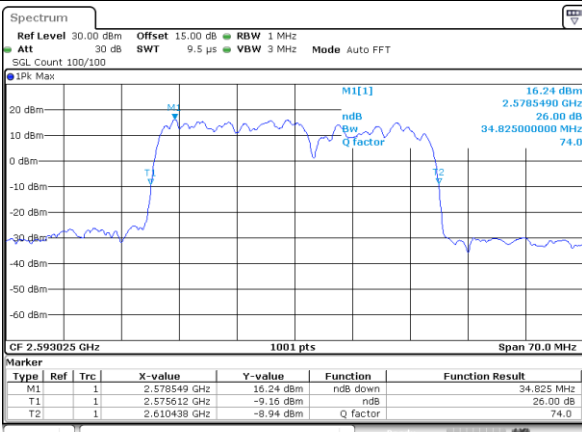
Date: 27_JAN.2021 10:06:33

Lowest Channel / 20MHz+20MHz



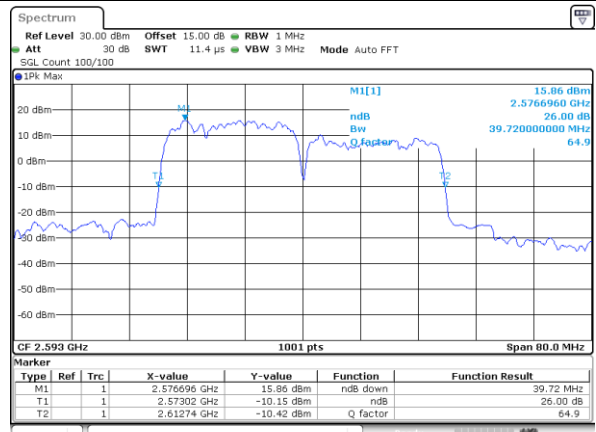
Date: 27_JAN.2021 11:16:53

Middle Channel / 20MHz+15MHz



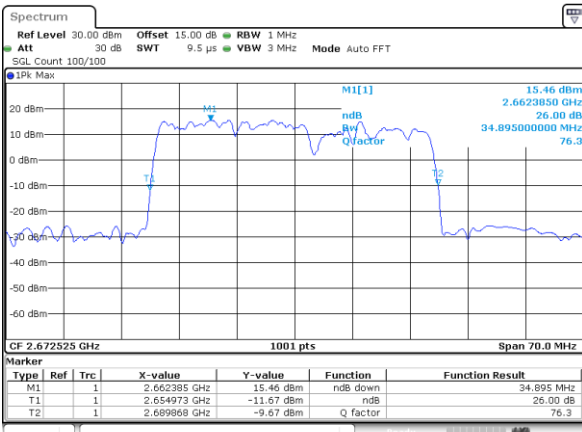
Date: 27_JAN.2021 10:09:19

Middle Channel / 20MHz+20MHz



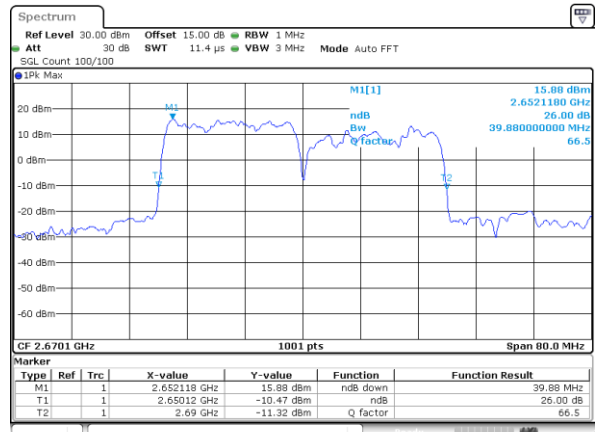
Date: 27_JAN.2021 11:19:38

Highest Channel / 20MHz+15MHz



Date: 27_JAN.2021 10:09:52

Highest Channel / 20MHz+20MHz



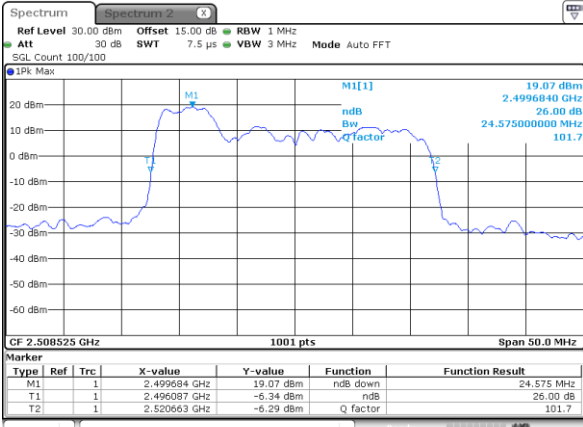
Date: 27_JAN.2021 11:20:11



LTE Band 41C

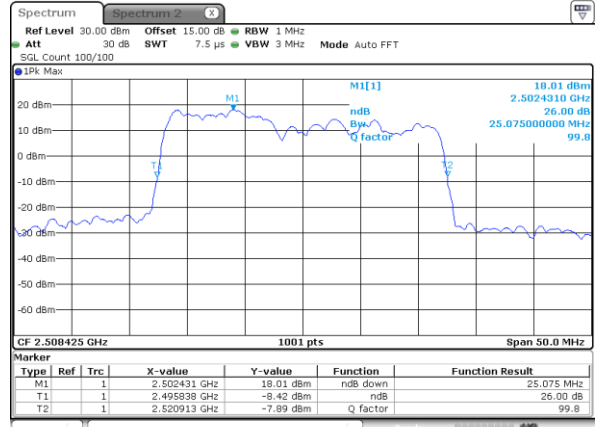
16QAM

Lowest Channel / 5MHz+20MHz



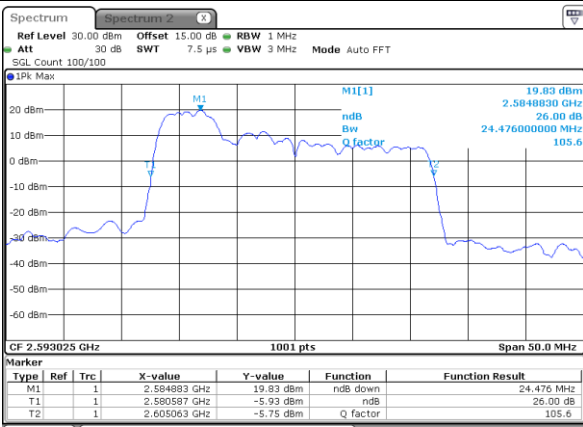
Date: 26.JAN.2021 16:30:06

Lowest Channel / 10MHz+15MHz



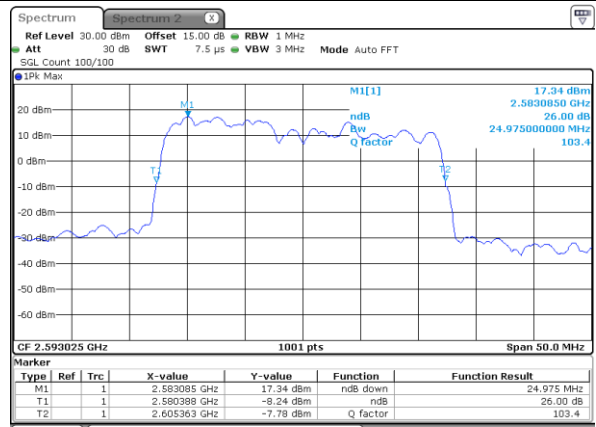
Date: 26.JAN.2021 17:50:27

Middle Channel / 5MHz+20MHz



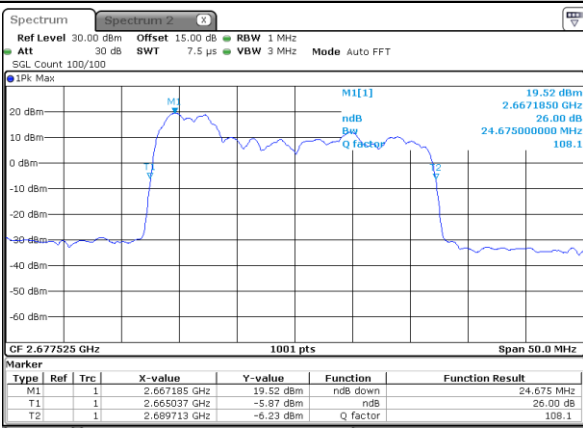
Date: 26.JAN.2021 16:31:46

Middle Channel / 10MHz+15MHz



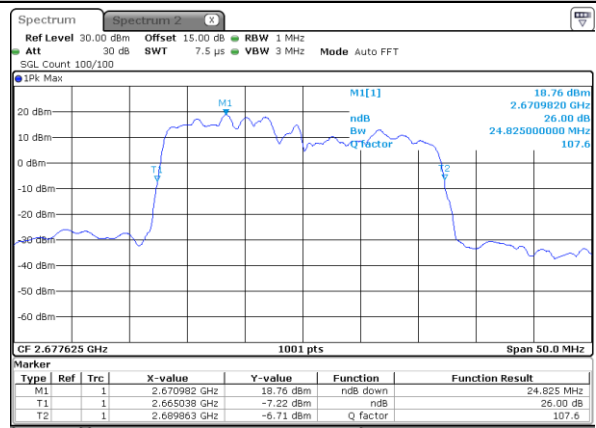
Date: 26.JAN.2021 17:52:06

Highest Channel / 5MHz+20MHz



Date: 26.JAN.2021 16:33:25

Highest Channel / 10MHz+15MHz



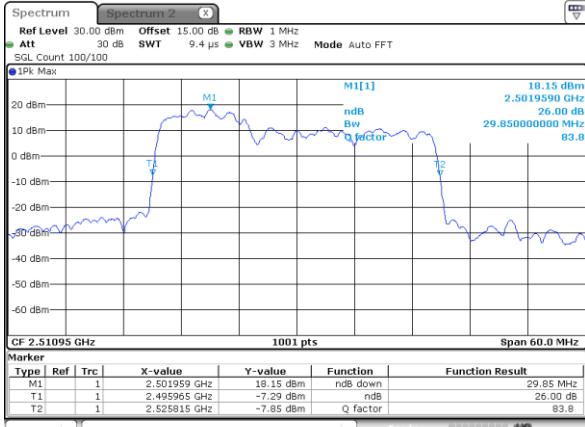
Date: 26.JAN.2021 17:53:45



LTE Band 41C

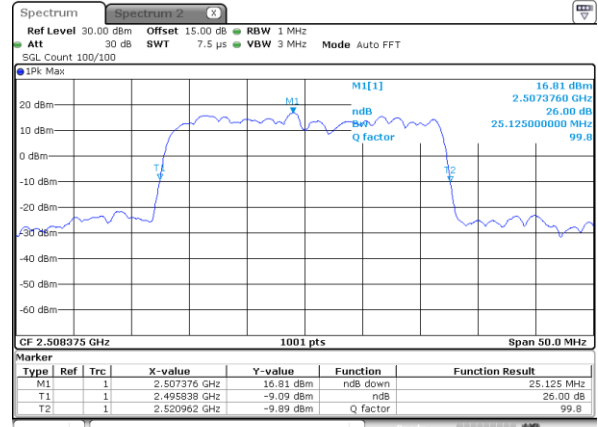
16QAM

Lowest Channel / 10MHz+20MHz



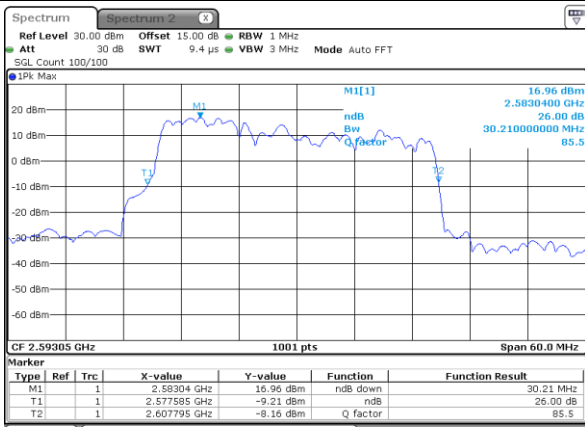
Date: 26_JAN_2021 20:24:39

Lowest Channel / 15MHz+10MHz



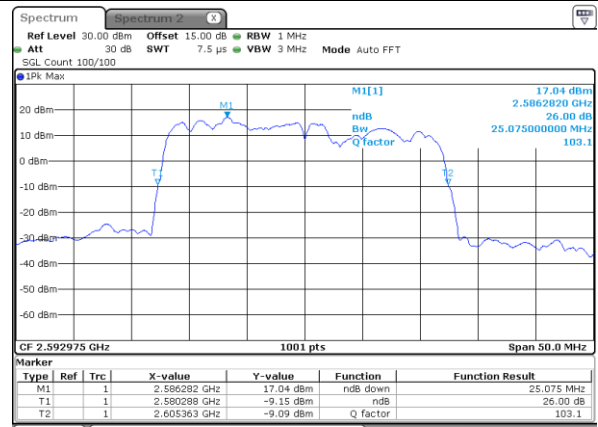
Date: 26_JAN_2021 19:03:41

Middle Channel / 10MHz+20MHz



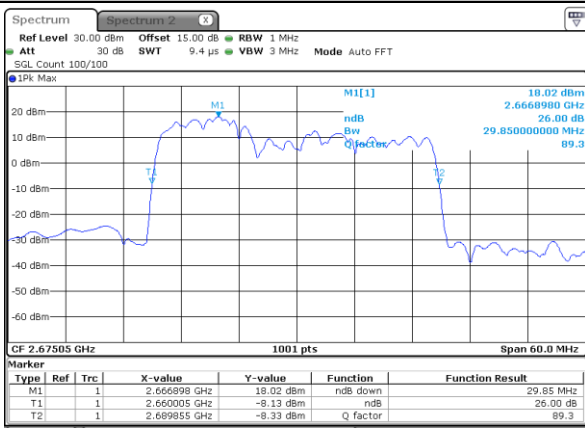
Date: 26_JAN_2021 20:26:18

Middle Channel / 15MHz+10MHz



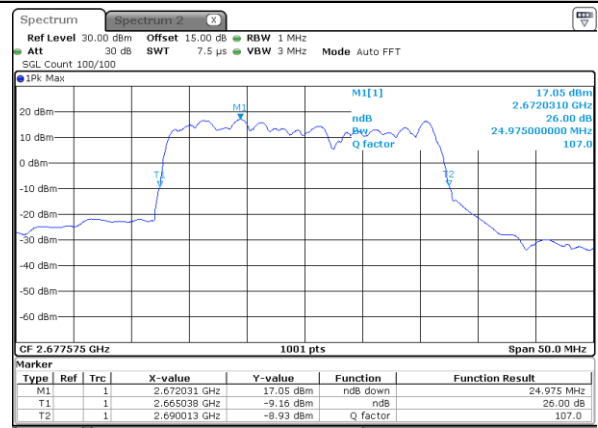
Date: 26_JAN_2021 19:02:01

Highest Channel / 10MHz+20MHz



Date: 26_JAN_2021 20:27:57

Highest Channel / 15MHz+10MHz



Date: 26_JAN_2021 19:00:22