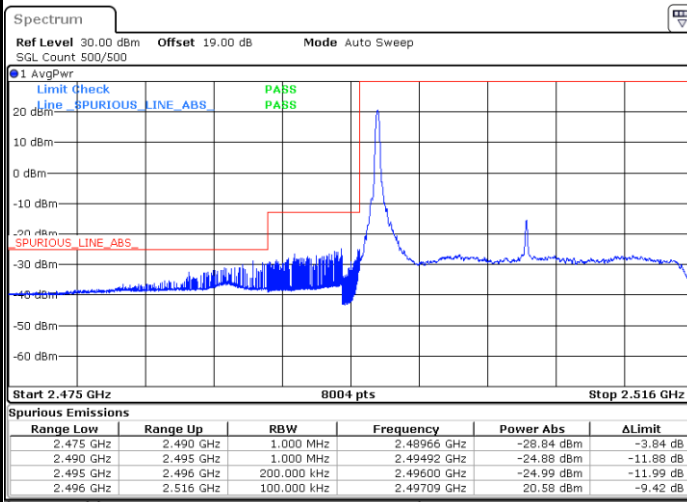




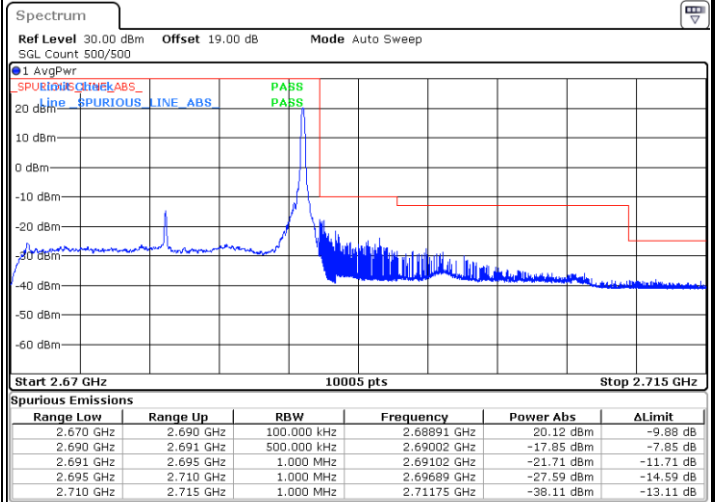
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



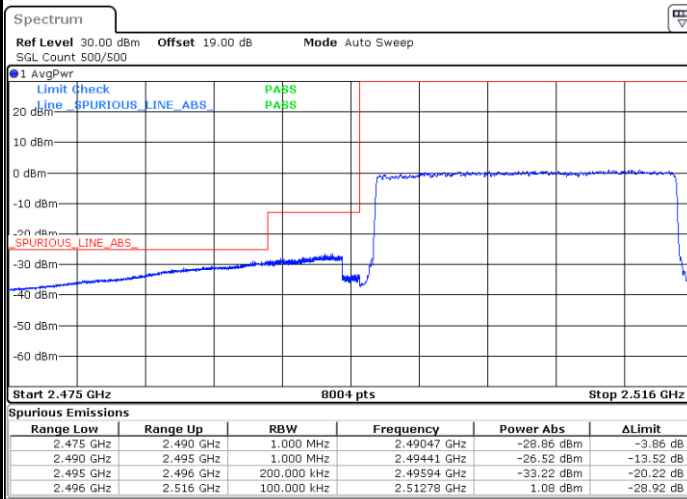
Date: 29.JAN.2023 18:58:54

Highest Band Edge / 1 RB



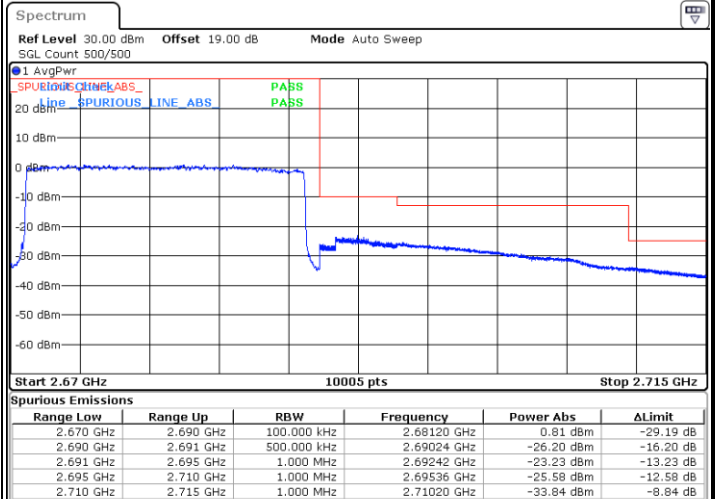
Date: 29.JAN.2023 19:01:28

Lowest Band Edge / Full RB



Date: 29.JAN.2023 19:00:13

Highest Band Edge / Full RB

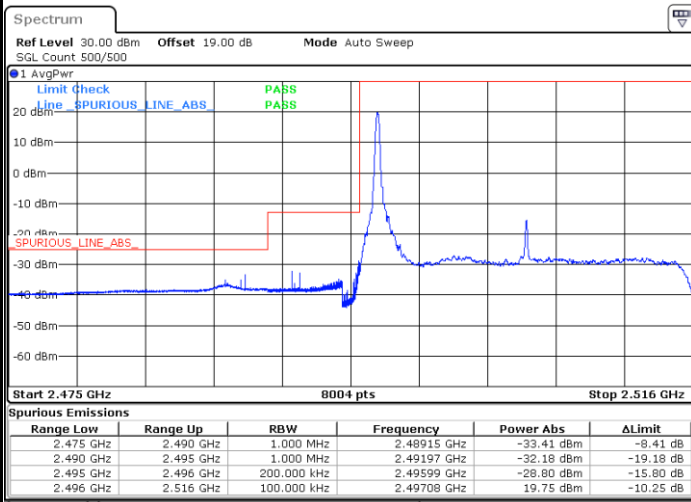


Date: 29.JAN.2023 19:02:06



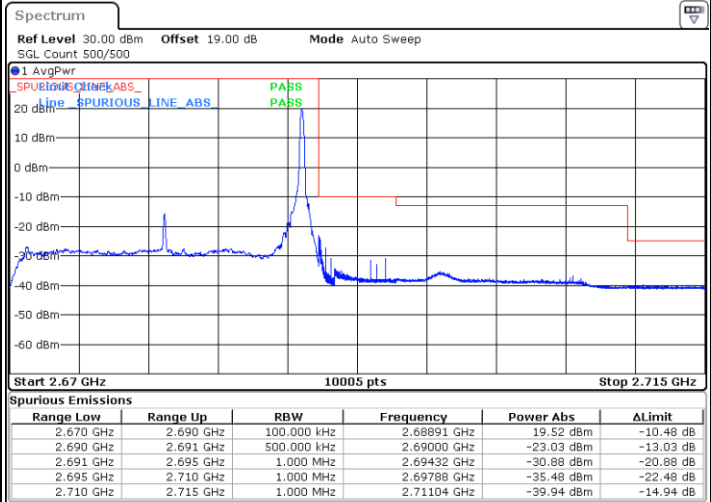
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



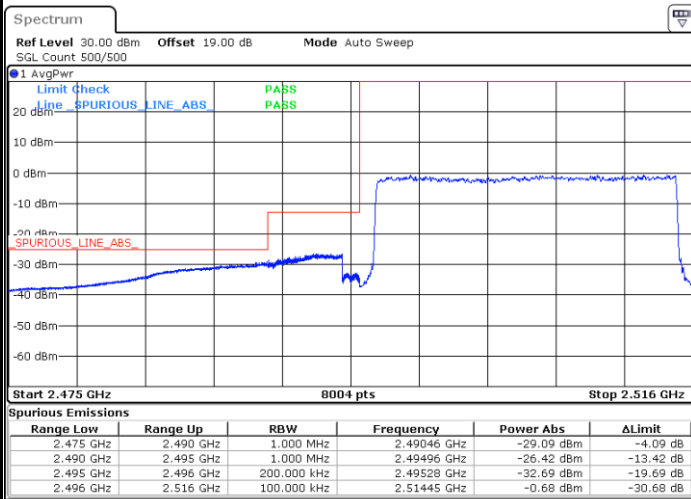
Date: 29.JAN.2023 19:03:22

Highest Band Edge / 1 RB



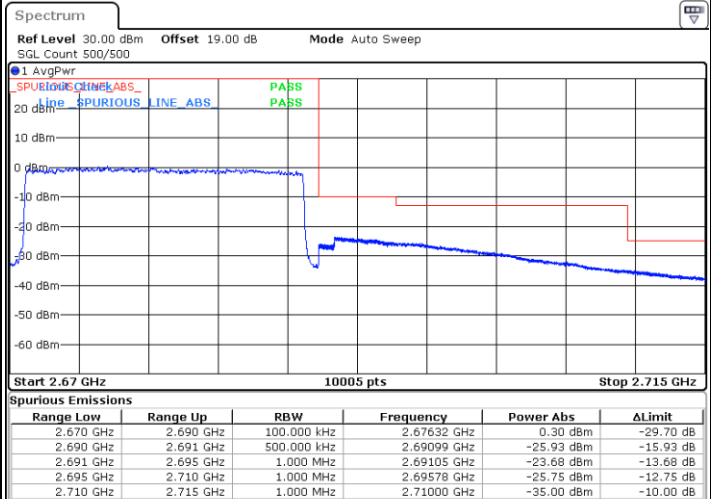
Date: 29.JAN.2023 19:04:37

Lowest Band Edge / Full RB



Date: 29.JAN.2023 19:04:00

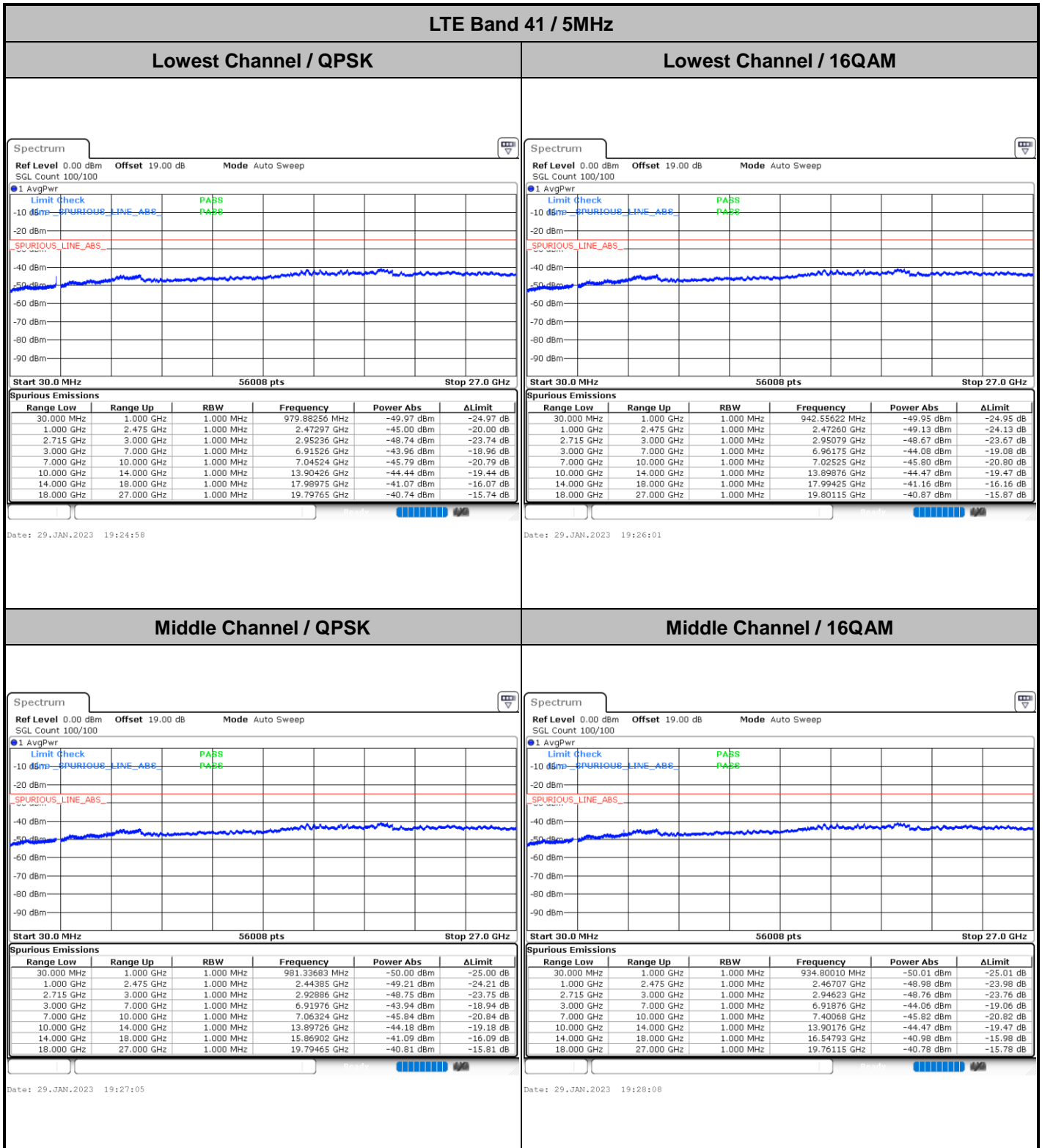
Highest Band Edge / Full RB



Date: 29.JAN.2023 19:05:15



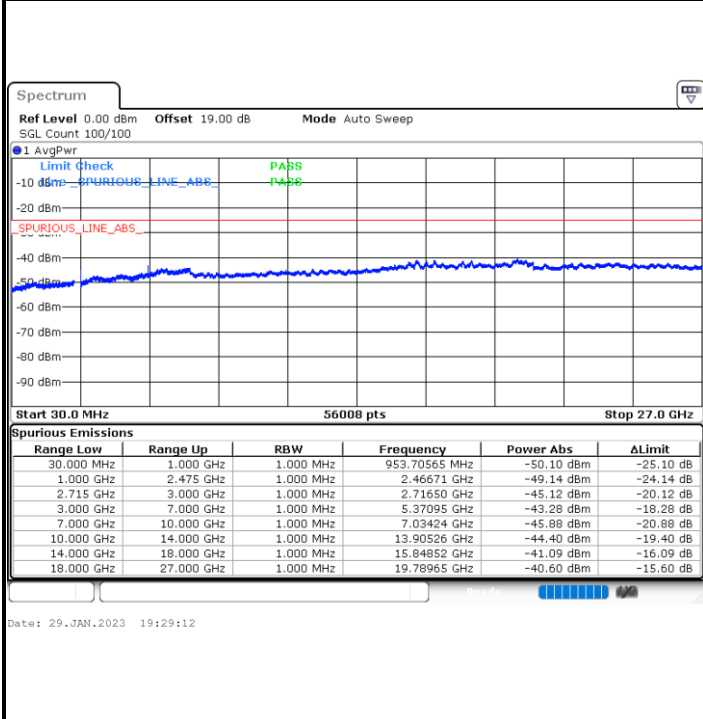
Conducted Spurious Emission



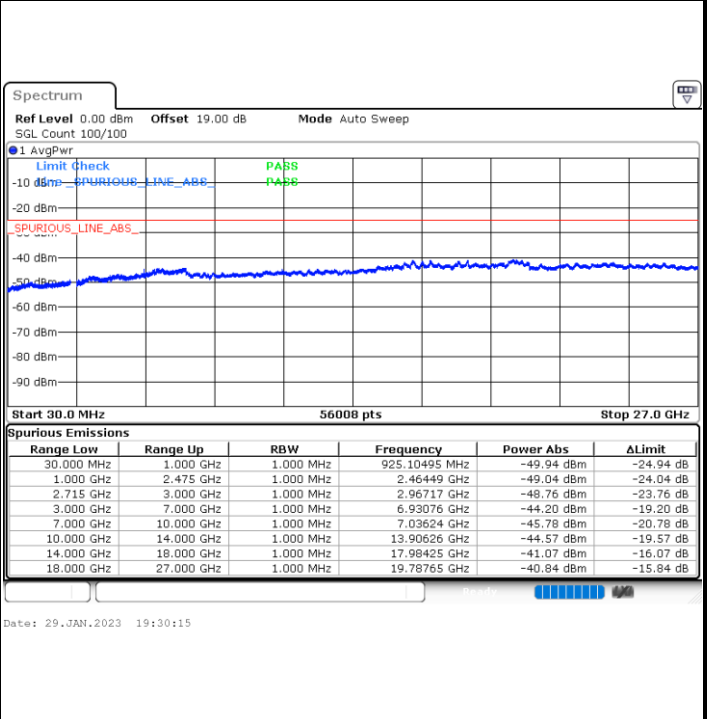


LTE Band 41 / 5MHz

Highest Channel / QPSK

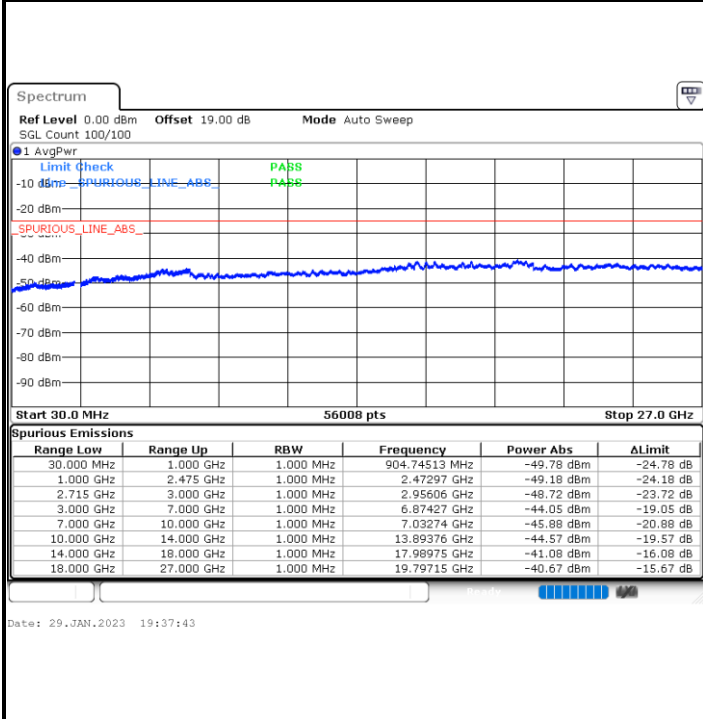


Highest Channel / 16QAM

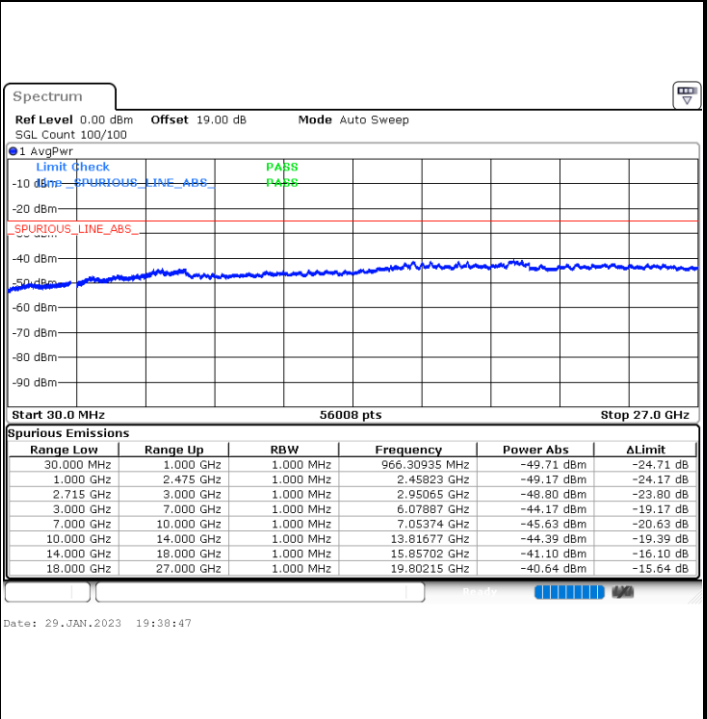


LTE Band 41 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

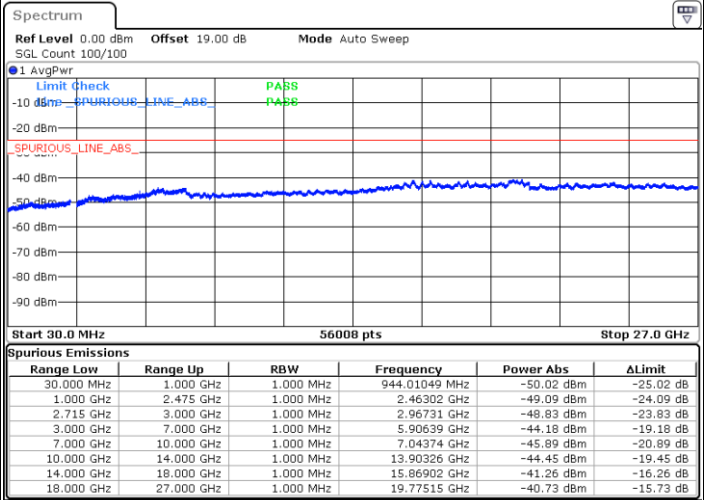
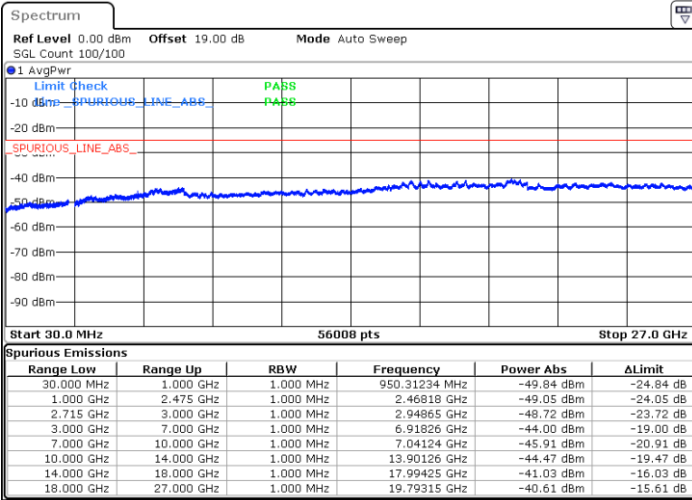




LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

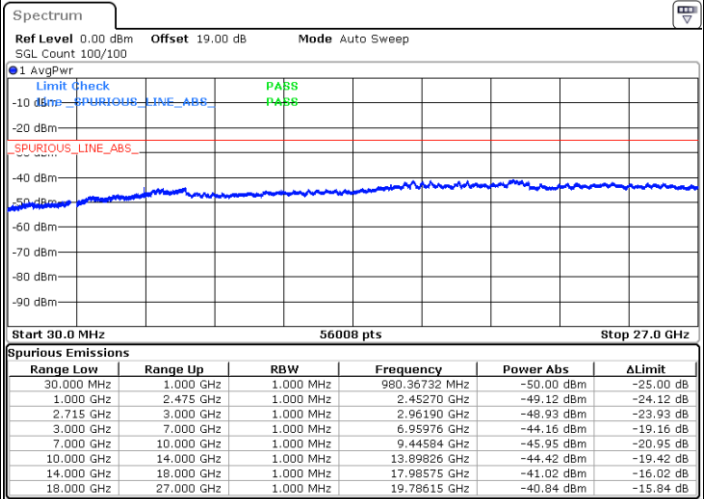
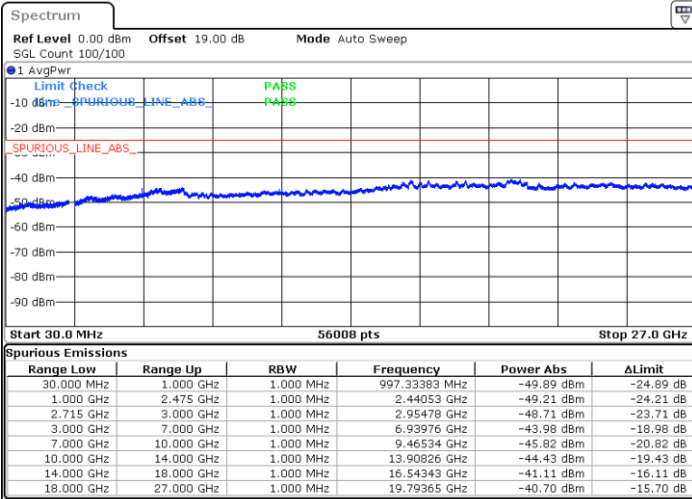


Date: 29.JAN.2023 19:39:51

Date: 29.JAN.2023 19:40:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.JAN.2023 19:41:58

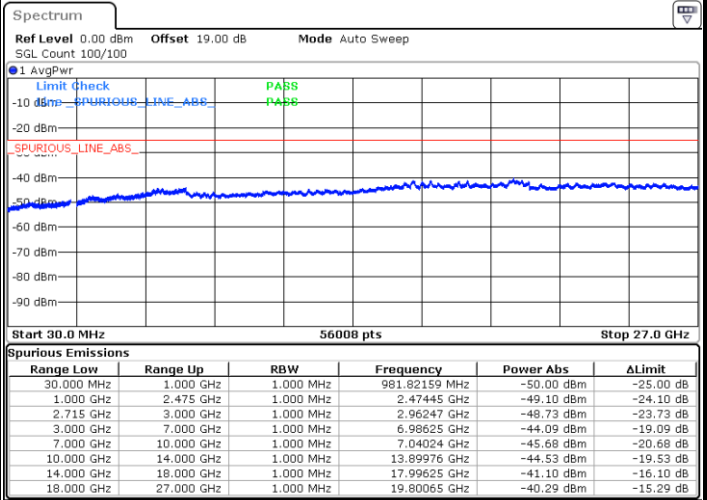
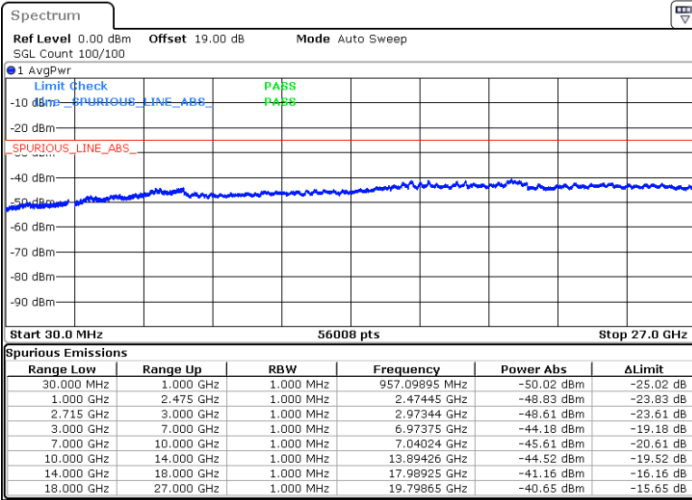
Date: 29.JAN.2023 19:43:03



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

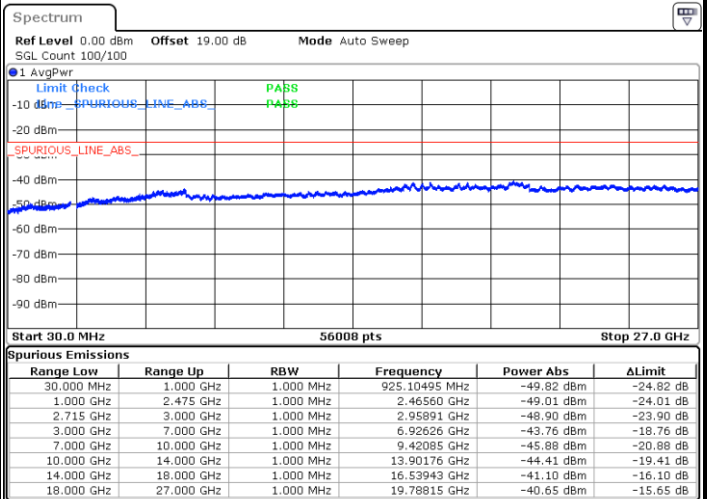
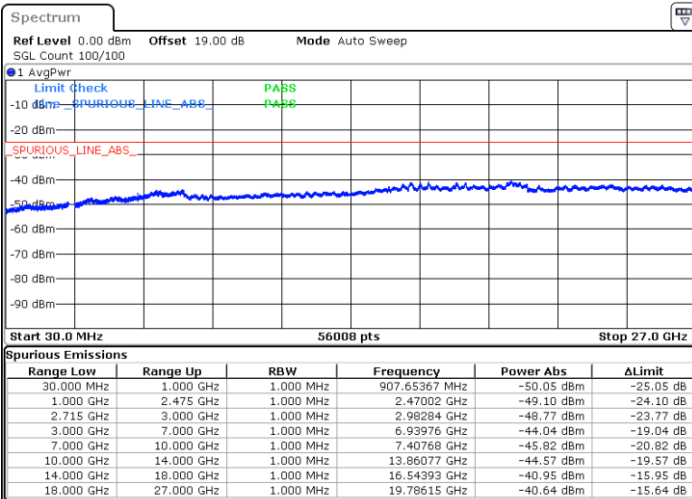


Date: 29.JAN.2023 19:44:08

Date: 29.JAN.2023 19:45:12

Middle Channel / QPSK

Middle Channel / 16QAM



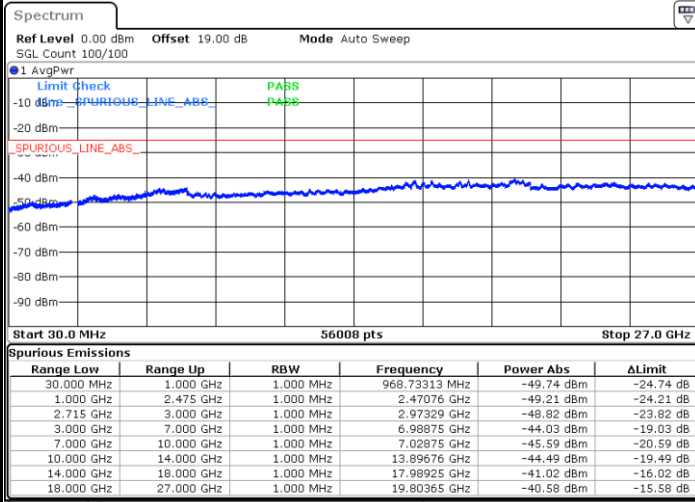
Date: 29.JAN.2023 19:46:16

Date: 29.JAN.2023 19:47:19



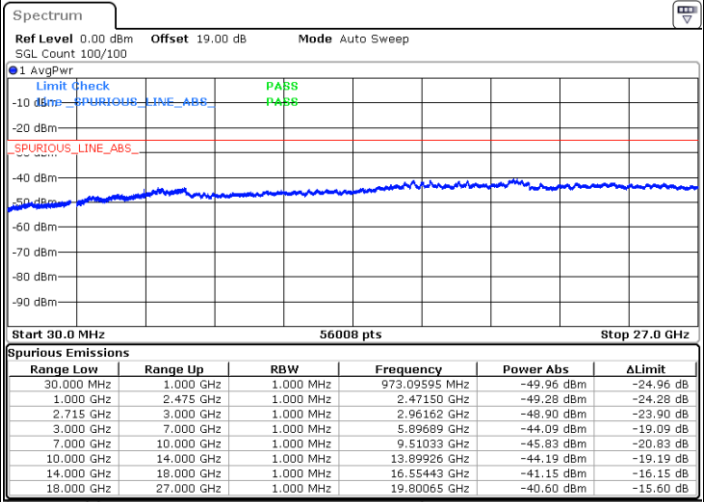
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 29.JAN.2023 19:48:23

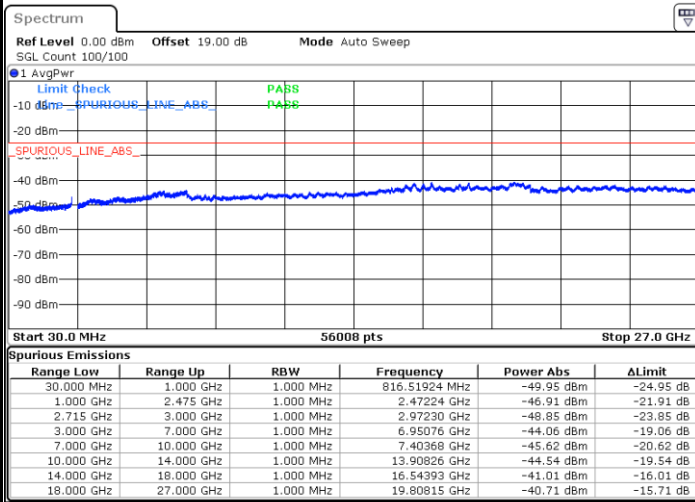
Highest Channel / 16QAM



Date: 29.JAN.2023 19:49:26

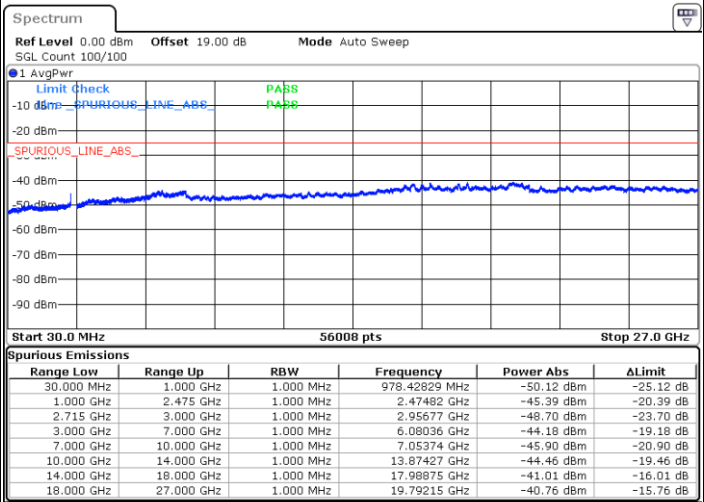
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 29.JAN.2023 19:53:42

Lowest Channel / 16QAM



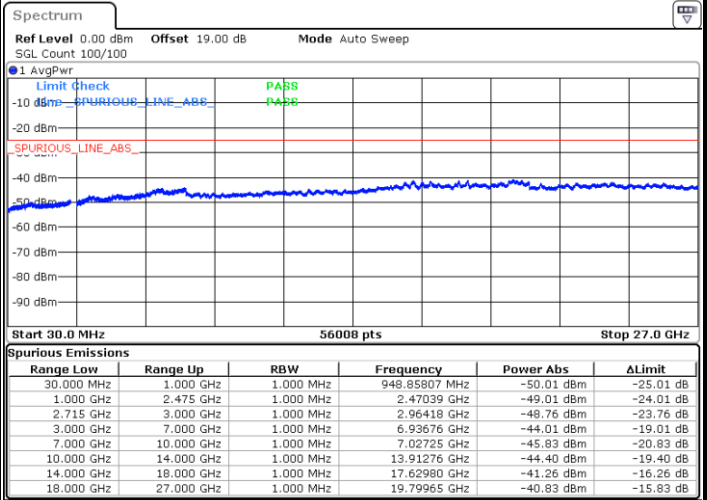
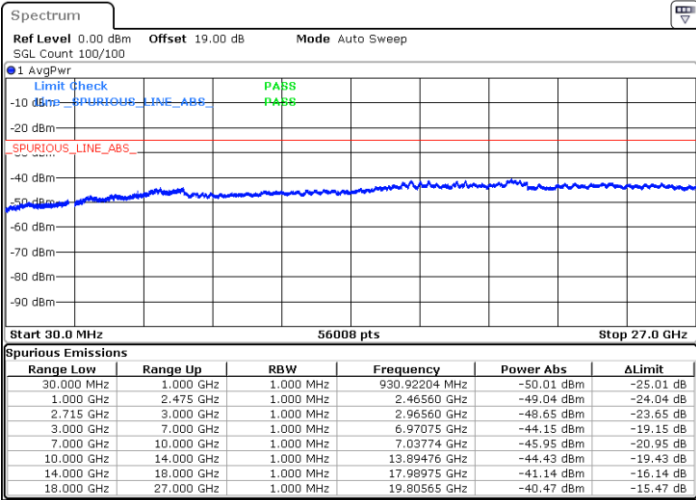
Date: 29.JAN.2023 19:54:46



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

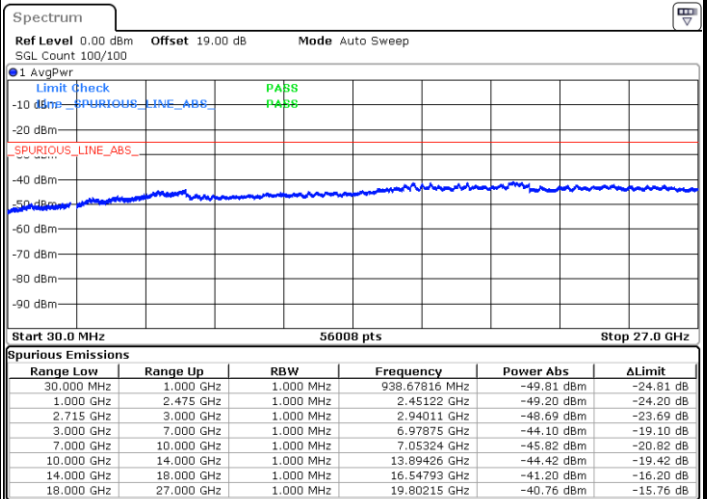
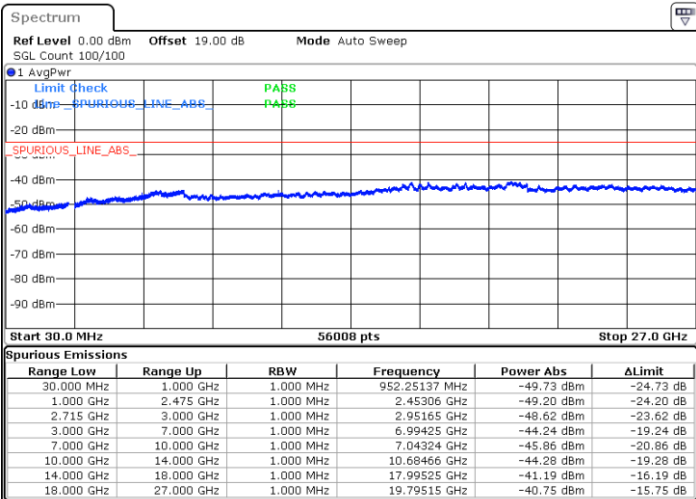


Date: 29.JAN.2023 19:55:49

Date: 29.JAN.2023 19:56:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.JAN.2023 19:57:56

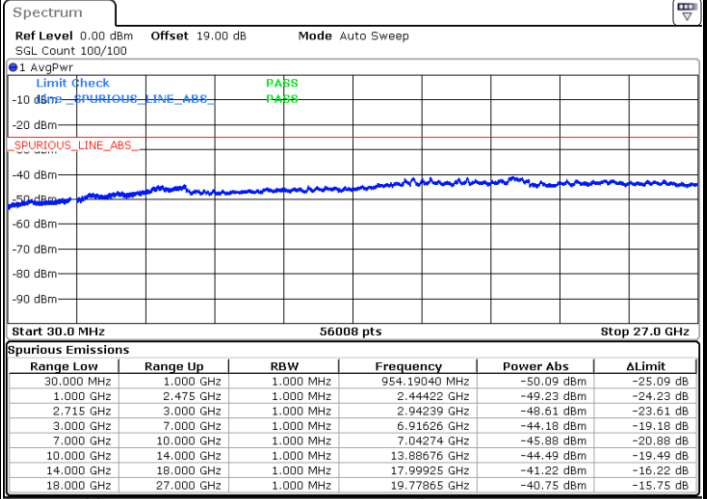
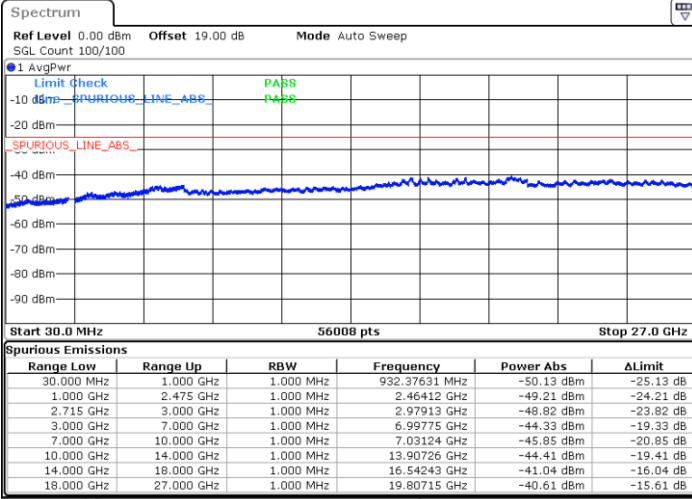
Date: 29.JAN.2023 19:59:00



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

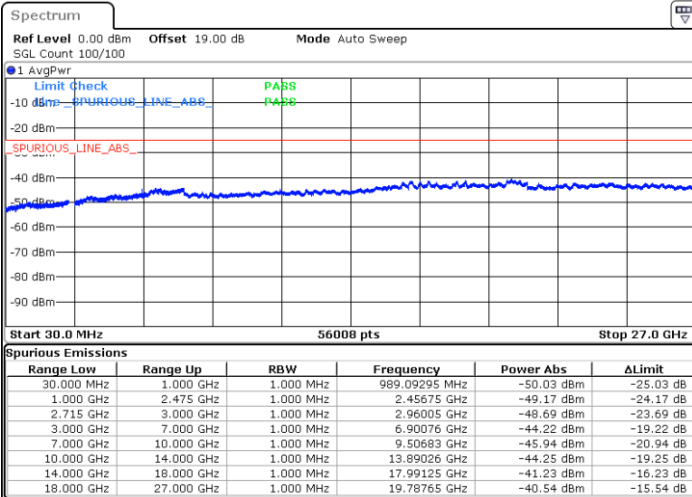
Middle Channel / 64QAM



Date: 29.JAN.2023 19:31:19

Date: 29.JAN.2023 19:32:23

Highest Channel / 64QAM



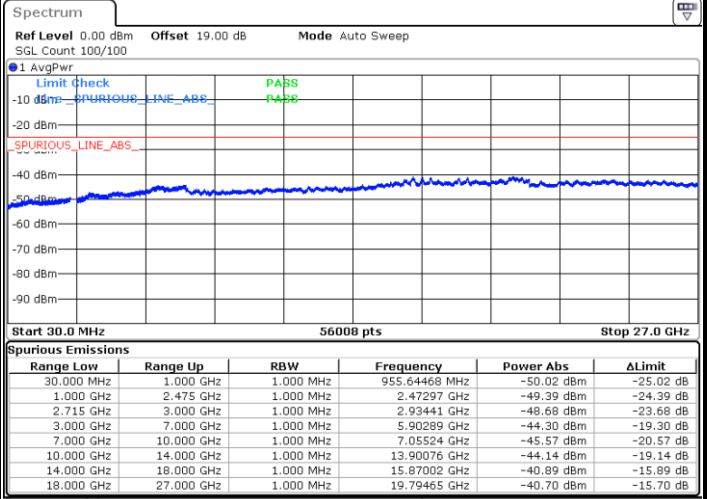
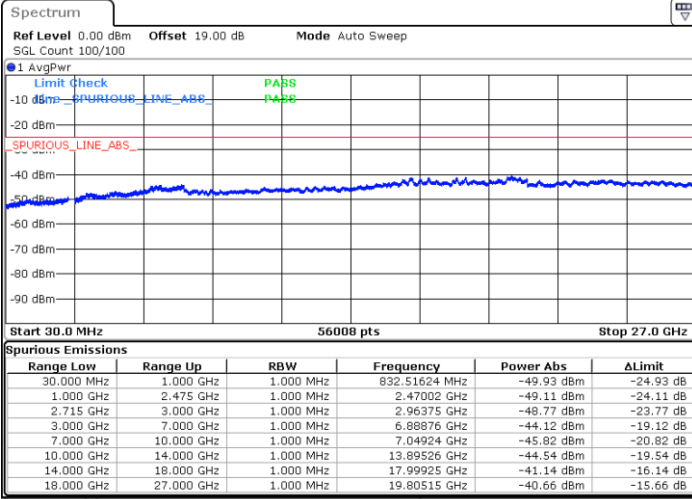
Date: 29.JAN.2023 19:33:27



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

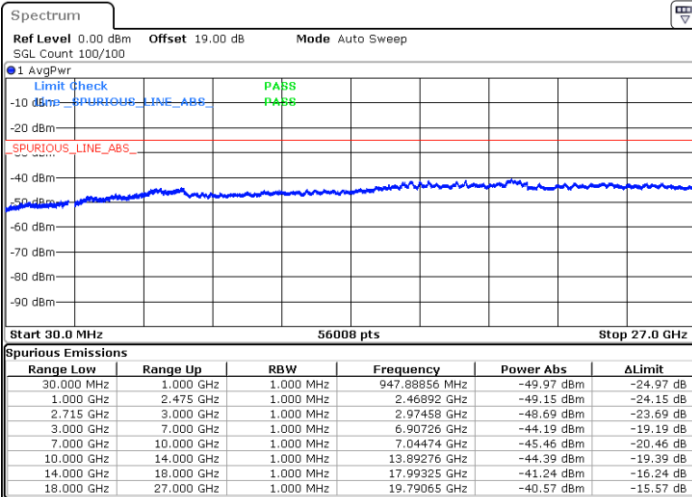
Middle Channel / 64QAM



Date: 29.JAN.2023 19:34:32

Date: 29.JAN.2023 19:35:36

Highest Channel / 64QAM



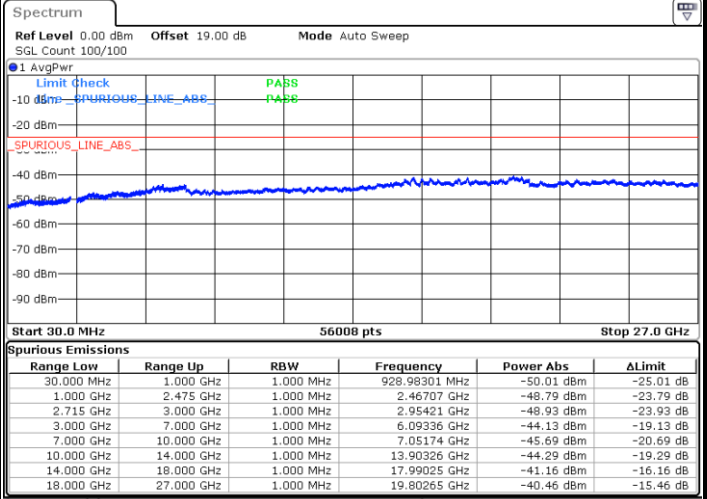
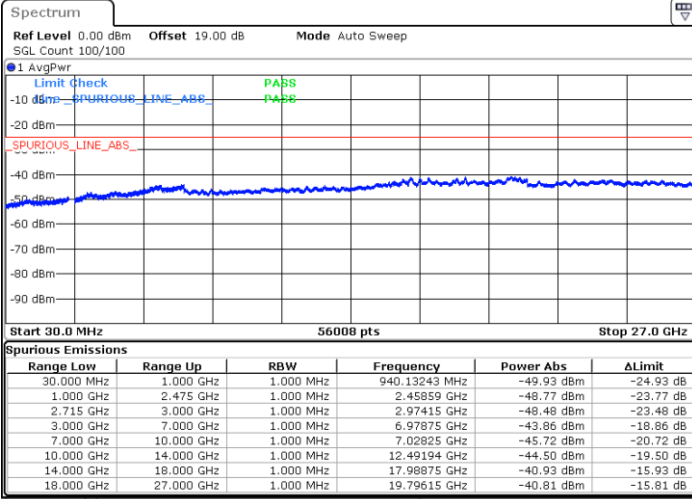
Date: 29.JAN.2023 19:36:39



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

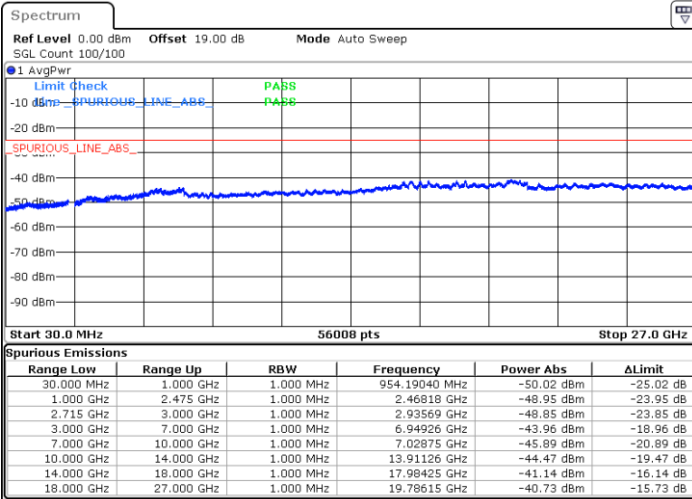
Middle Channel / 64QAM



Date: 29.JAN.2023 19:50:30

Date: 29.JAN.2023 19:51:34

Highest Channel / 64QAM



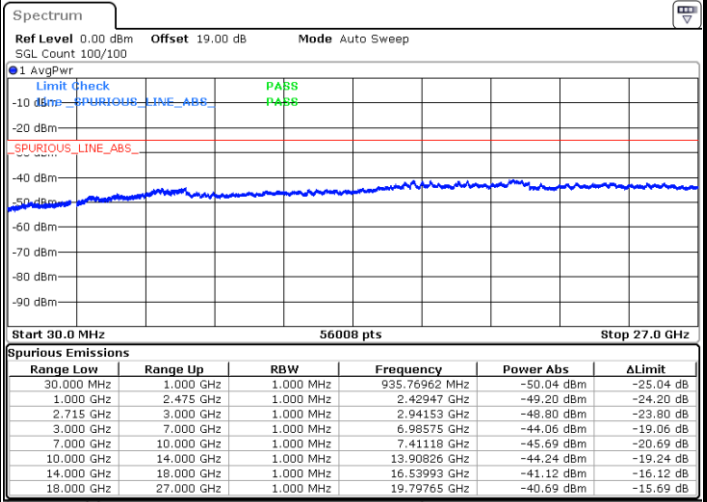
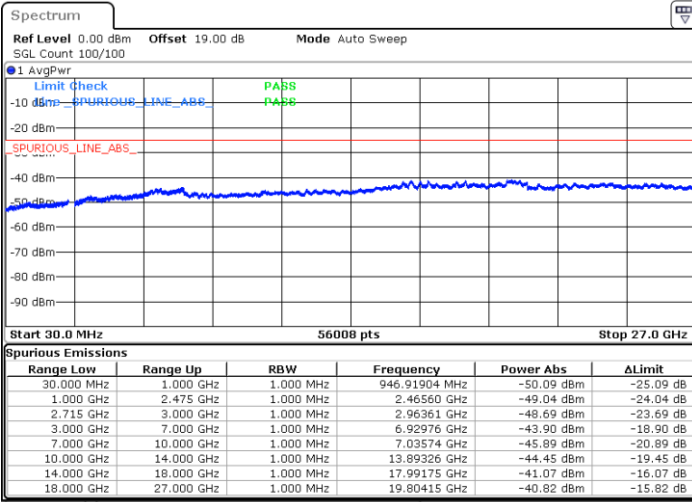
Date: 29.JAN.2023 19:52:37



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

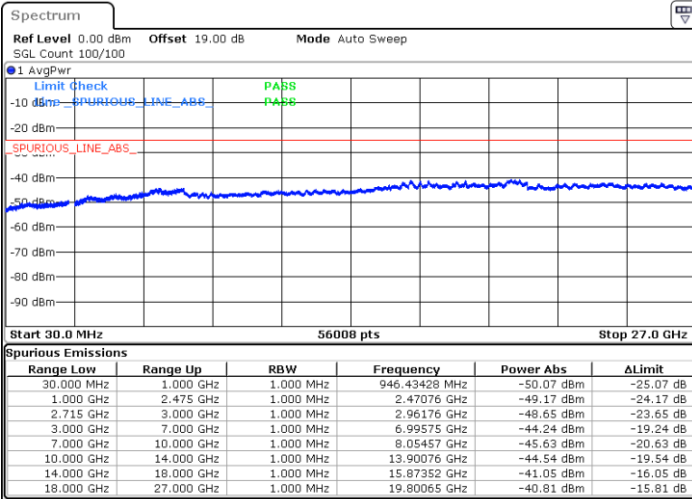
Middle Channel / 64QAM



Date: 29.JAN.2023 20:00:03

Date: 29.JAN.2023 20:01:07

Highest Channel / 64QAM



Date: 29.JAN.2023 20:02:10



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	0.0006	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 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	30.09	25.33	30.63	34.97
Middle CH	30.15	25.48	30.51	34.90
Highest CH	30.03	25.28	30.69	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	34.90	39.96	-
Middle CH	30.03	35.11	39.96	-
Highest CH	30.03	34.97	39.88	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.09	25.18	30.69	34.97
Middle CH	29.97	25.43	30.57	35.11
Highest CH	30.09	25.23	30.63	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.04	39.88	-
Middle CH	30.09	35.04	40.04	-
Highest CH	29.85	34.97	39.88	-

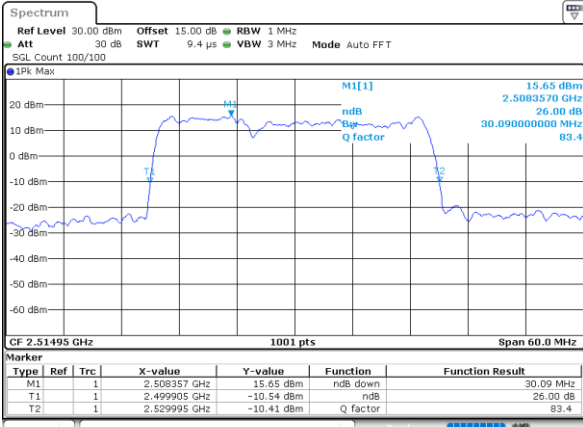
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.97	25.28	30.69	34.97
Middle CH	29.97	25.33	30.51	35.11
Highest CH	30.03	25.28	30.63	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.04	39.96	-
Middle CH	30.03	35.11	39.96	-
Highest CH	30.09	34.90	40.20	-



LTE Band 7C

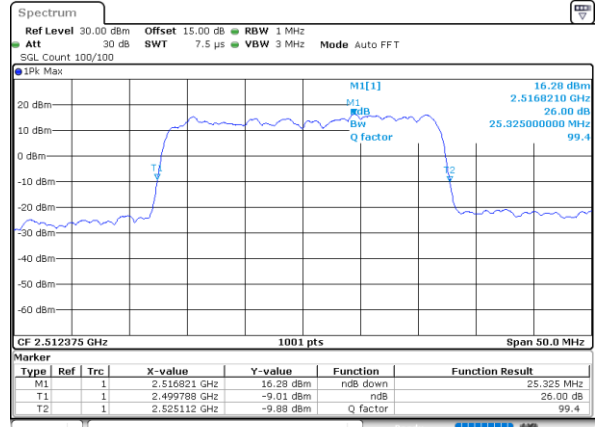
QPSK

Lowest Channel / 10MHz+20MHz



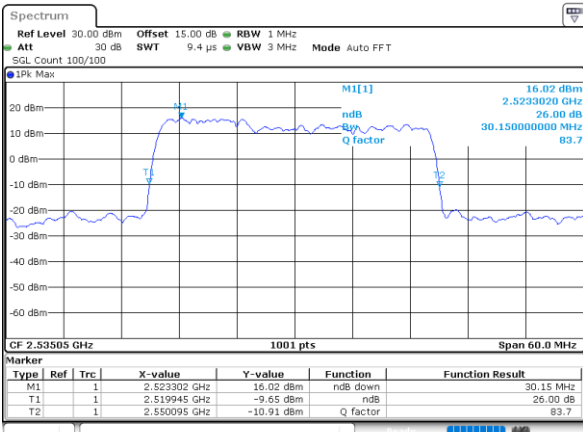
Date: 17_JAN_2023 10:36:47

Lowest Channel / 15MHz+10MHz



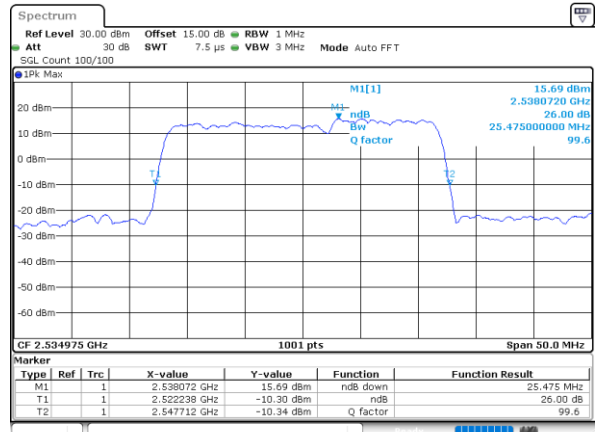
Date: 28_JAN_2023 19:24:51

Middle Channel / 10MHz+20MHz



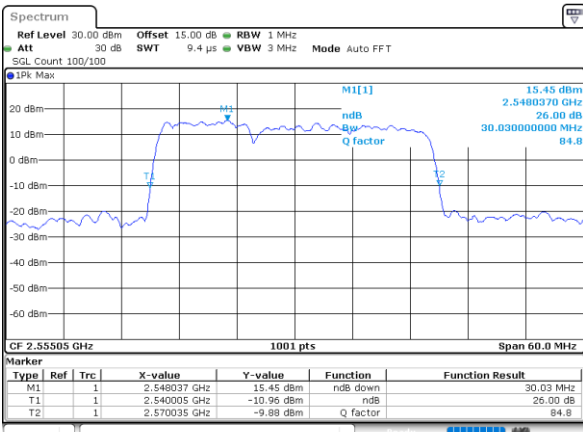
Date: 17_JAN_2023 11:39:26

Middle Channel / 15MHz+10MHz



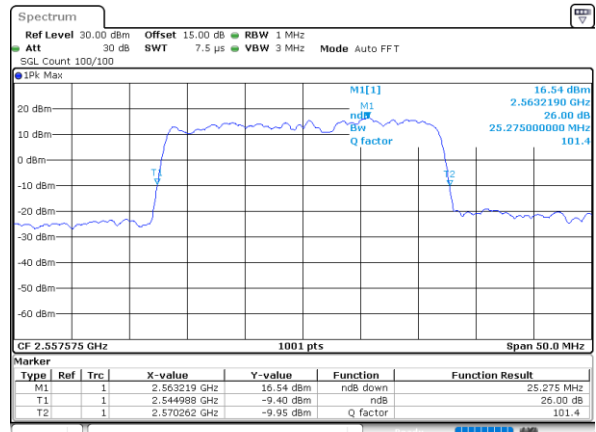
Date: 28_JAN_2023 19:43:54

Highest Channel / 10MHz+20MHz



Date: 28_JAN_2023 15:21:03

Highest Channel / 15MHz+10MHz



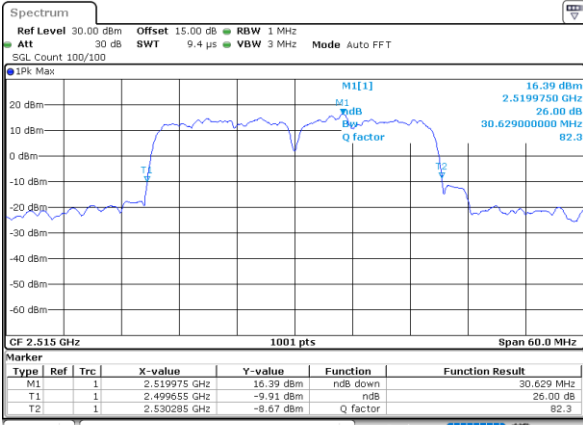
Date: 28_JAN_2023 19:56:37



LTE Band 7C

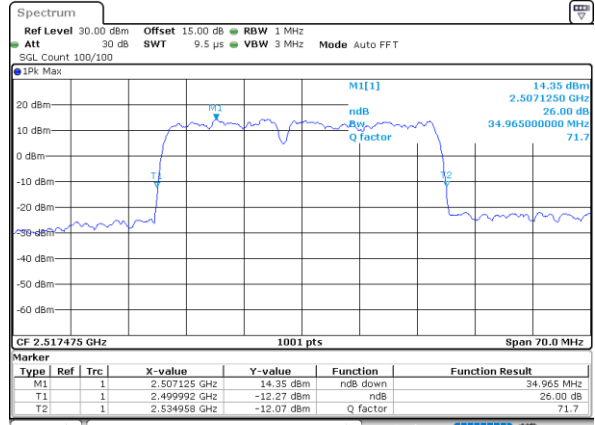
QPSK

Lowest Channel / 15MHz+15MHz



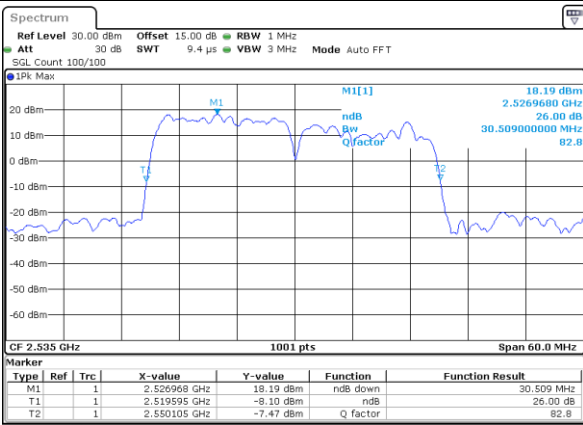
Date: 30_JAN.2023 17:08:42

Lowest Channel / 15MHz+20MHz



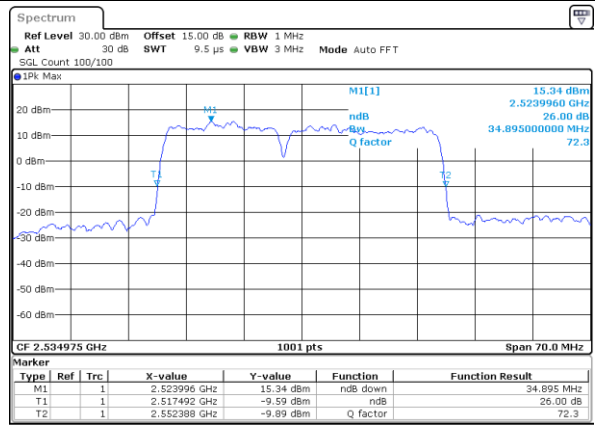
Date: 28_JAN.2023 15:51:18

Middle Channel / 15MHz+15MHz



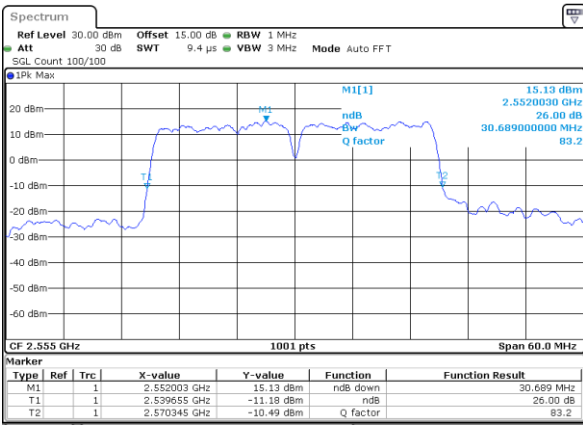
Date: 28_JAN.2023 21:08:59

Middle Channel / 15MHz+20MHz



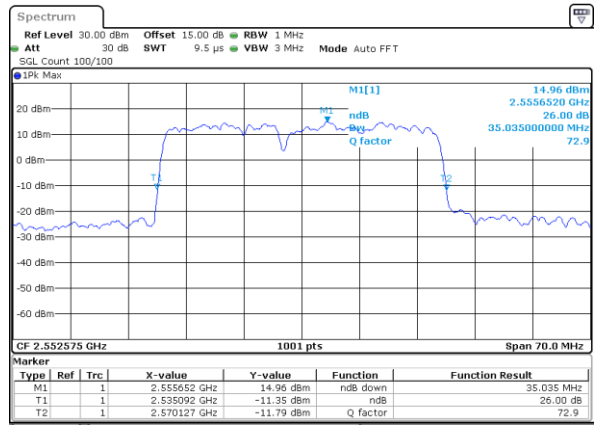
Date: 28_JAN.2023 16:12:22

Highest Channel / 15MHz+15MHz



Date: 28_JAN.2023 21:22:04

Highest Channel / 15MHz+20MHz



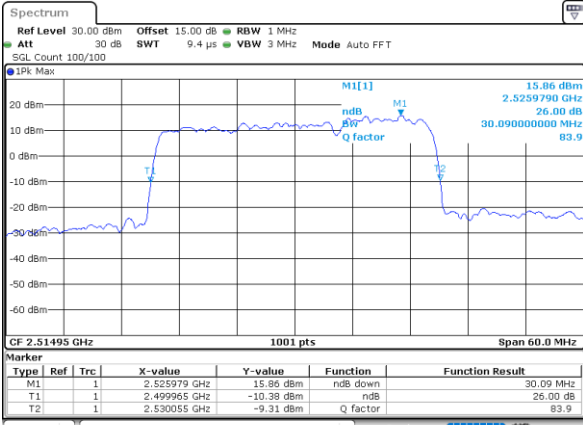
Date: 28_JAN.2023 16:26:11



LTE Band 7C

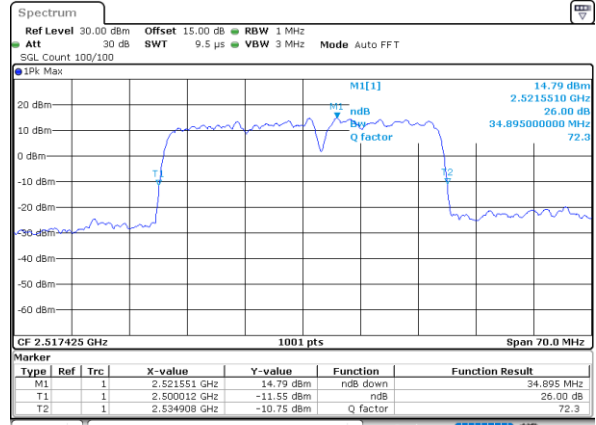
QPSK

Lowest Channel / 20MHz+10MHz



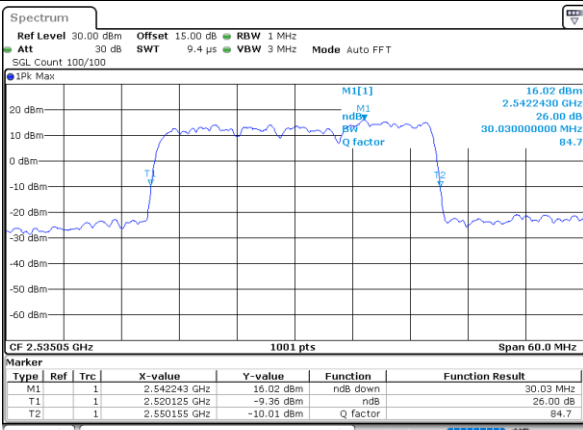
Date: 17_JAN_2023 13:28:02

Lowest Channel / 20MHz+15MHz



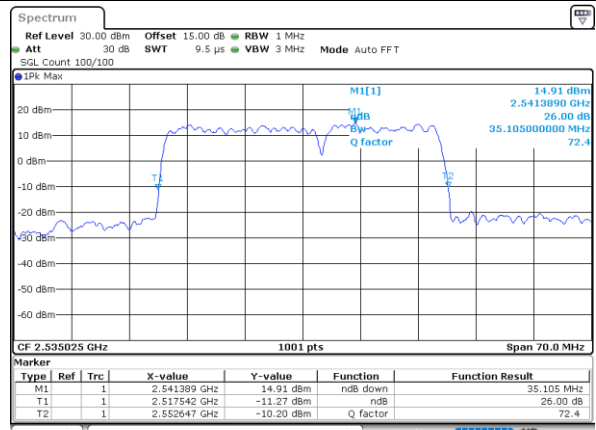
Date: 28_JAN_2023 17:48:53

Middle Channel / 20MHz+10MHz



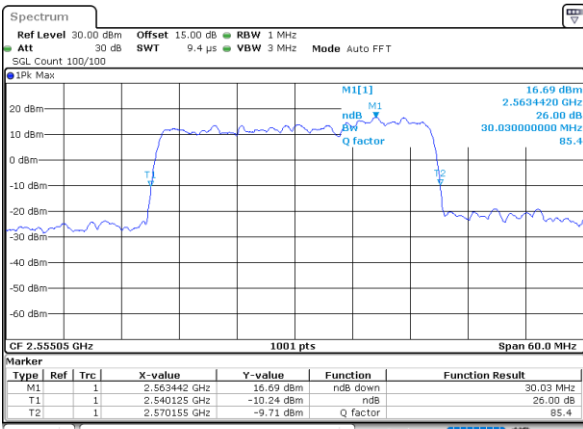
Date: 28_JAN_2023 18:41:30

Middle Channel / 20MHz+15MHz



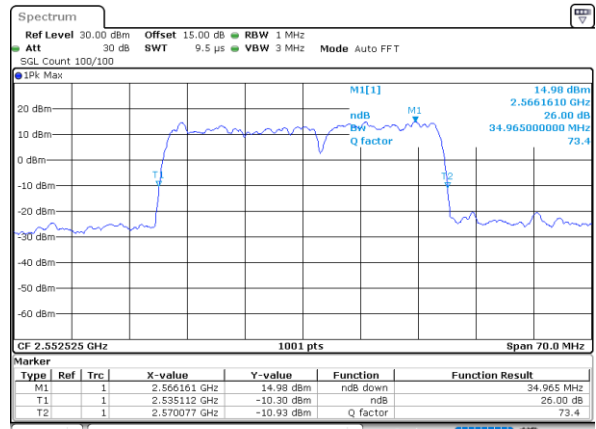
Date: 28_JAN_2023 18:07:52

Highest Channel / 20MHz+10MHz



Date: 28_JAN_2023 18:54:15

Highest Channel / 20MHz+15MHz



Date: 28_JAN_2023 18:20:32

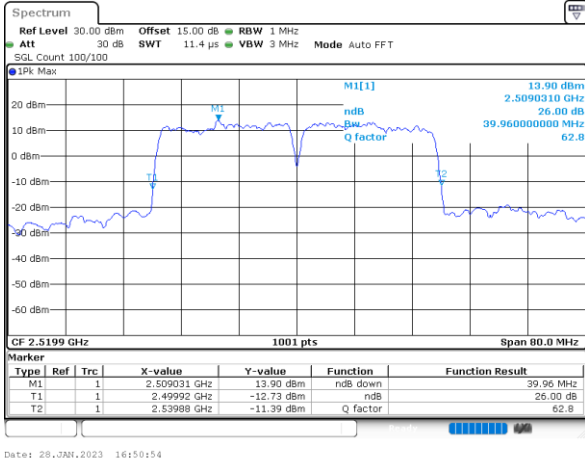


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

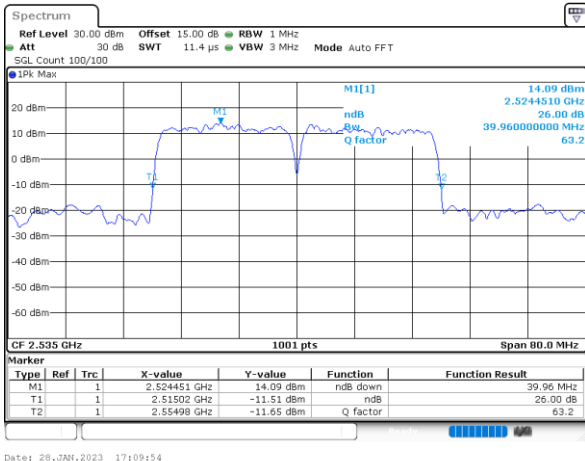
N/A



Date: 28_JAN_2023 16:50:54

Middle Channel / 20MHz+20MHz

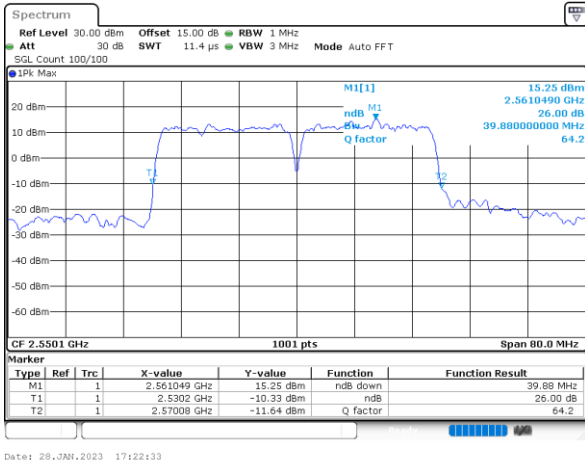
N/A



Date: 28_JAN_2023 17:09:54

Highest Channel / 20MHz+20MHz

N/A



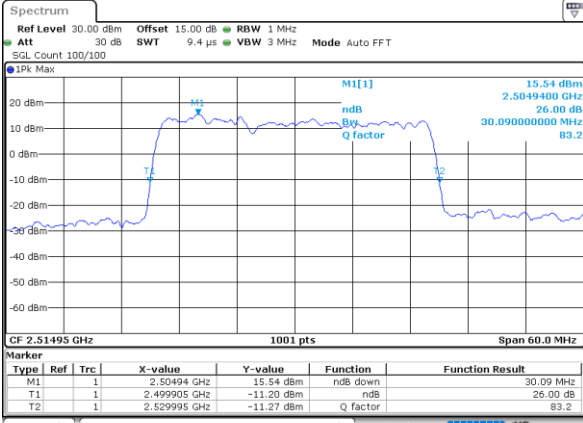
Date: 28_JAN_2023 17:22:33



LTE Band 7C

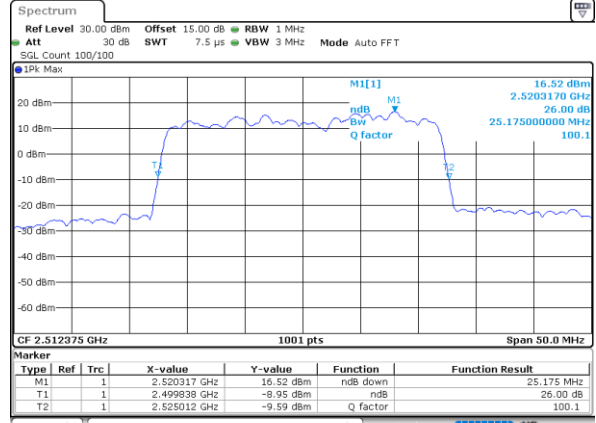
16QAM

Lowest Channel / 10MHz+20MHz



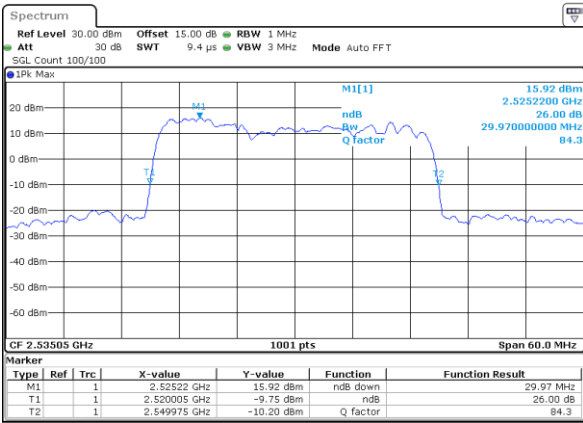
Date: 17_JAN.2023 10:36:17

Lowest Channel / 15MHz+10MHz



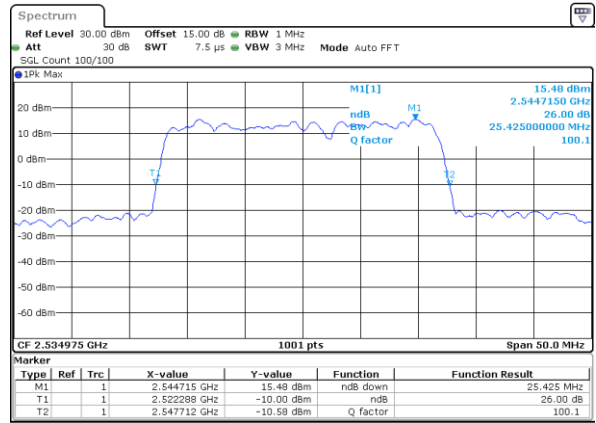
Date: 28_JAN.2023 19:24:21

Middle Channel / 10MHz+20MHz



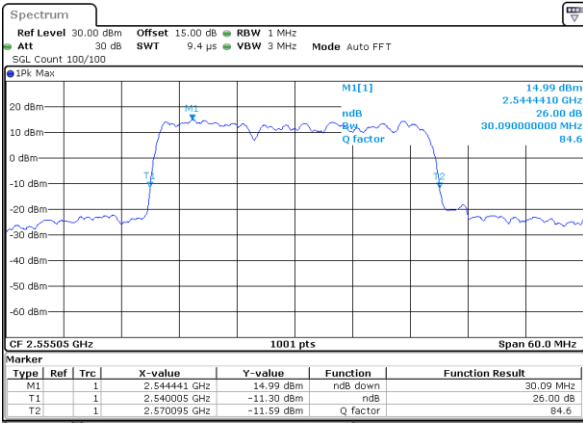
Date: 17_JAN.2023 11:38:53

Middle Channel / 15MHz+10MHz



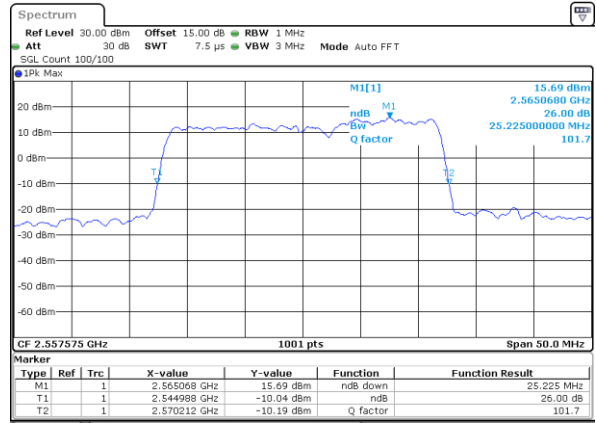
Date: 28_JAN.2023 19:43:23

Highest Channel / 10MHz+20MHz



Date: 28_JAN.2023 15:21:33

Highest Channel / 15MHz+10MHz



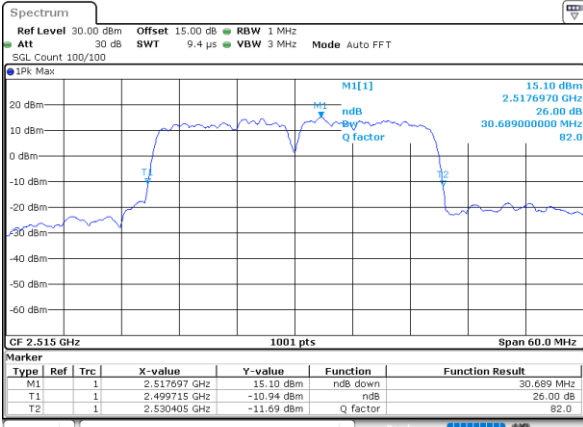
Date: 28_JAN.2023 19:57:08



LTE Band 7C

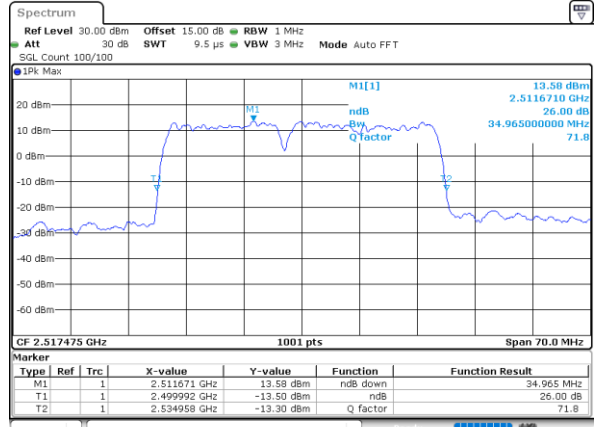
16QAM

Lowest Channel / 15MHz+15MHz



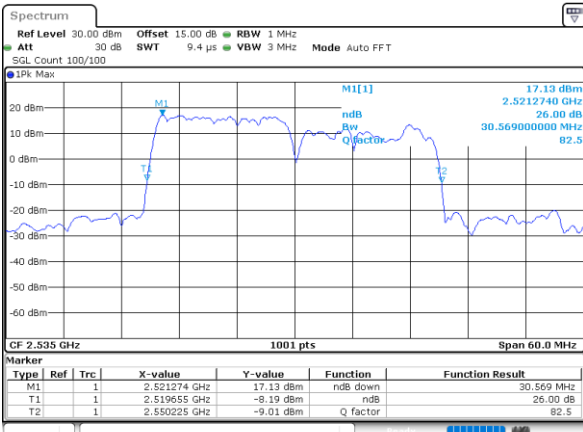
Date: 30_JAN.2023 17:08:11

Lowest Channel / 15MHz+20MHz



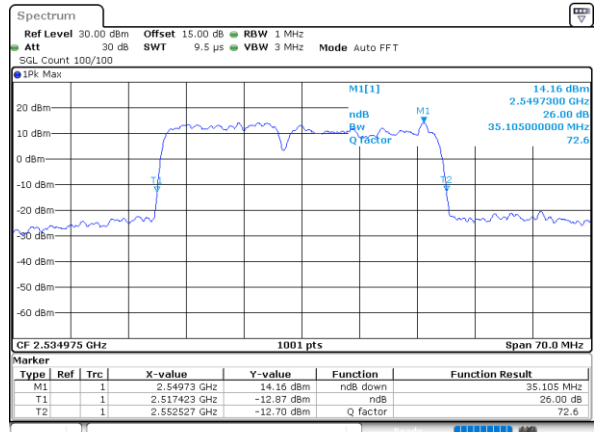
Date: 28_JAN.2023 15:50:42

Middle Channel / 15MHz+15MHz



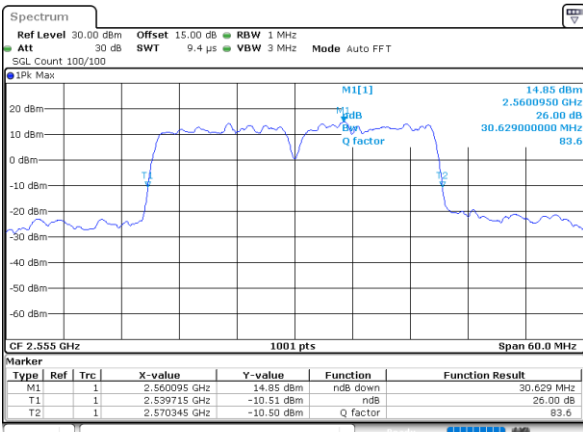
Date: 28_JAN.2023 21:08:29

Middle Channel / 15MHz+20MHz



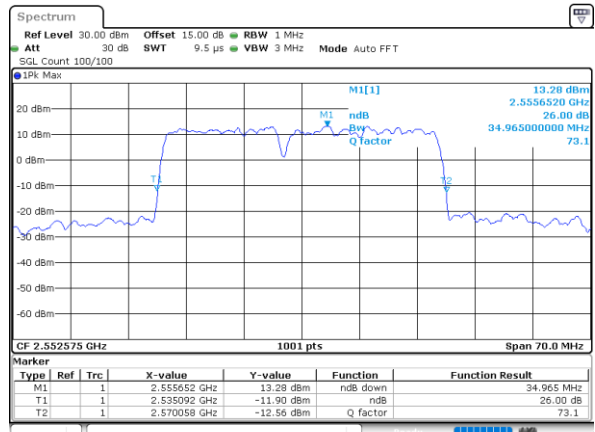
Date: 28_JAN.2023 16:11:47

Highest Channel / 15MHz+15MHz



Date: 28_JAN.2023 21:22:35

Highest Channel / 15MHz+20MHz



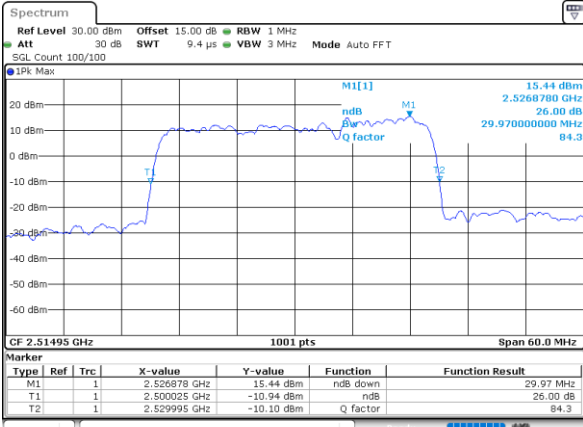
Date: 28_JAN.2023 16:26:46



LTE Band 7C

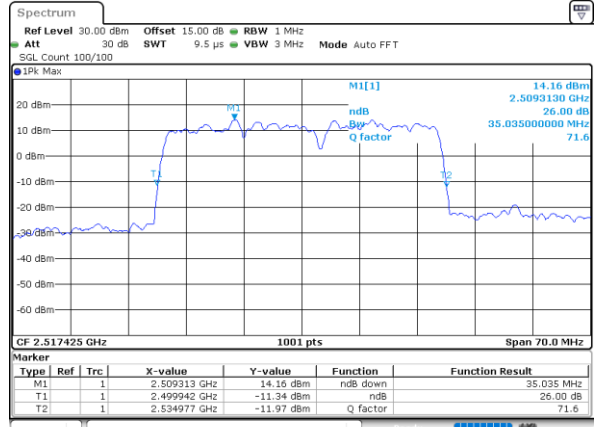
16QAM

Lowest Channel / 20MHz+10MHz



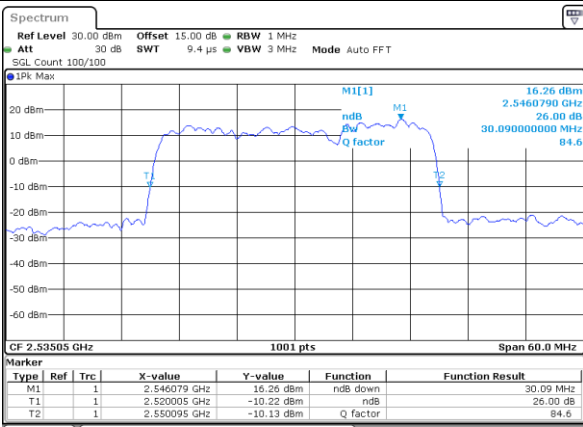
Date: 17_JAN_2023 13:27:29

Lowest Channel / 20MHz+15MHz



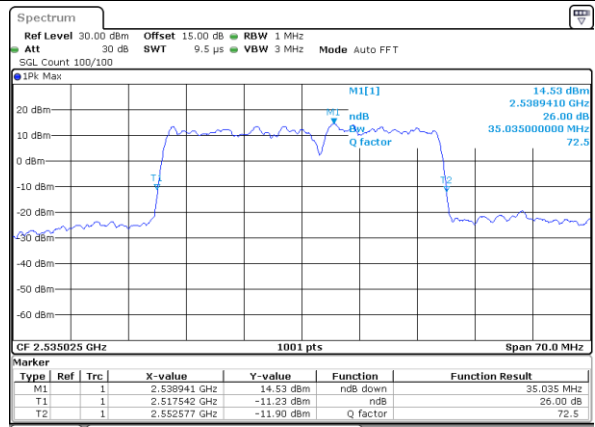
Date: 28_JAN_2023 17:48:22

Middle Channel / 20MHz+10MHz



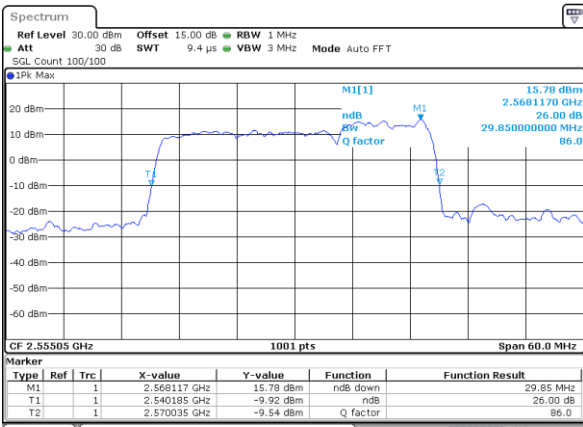
Date: 28_JAN_2023 18:41:00

Middle Channel / 20MHz+15MHz



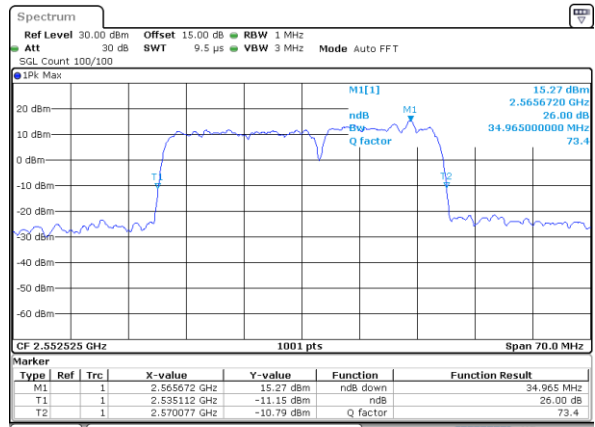
Date: 28_JAN_2023 18:07:22

Highest Channel / 20MHz+10MHz



Date: 28_JAN_2023 18:54:45

Highest Channel / 20MHz+15MHz



Date: 28_JAN_2023 18:21:02

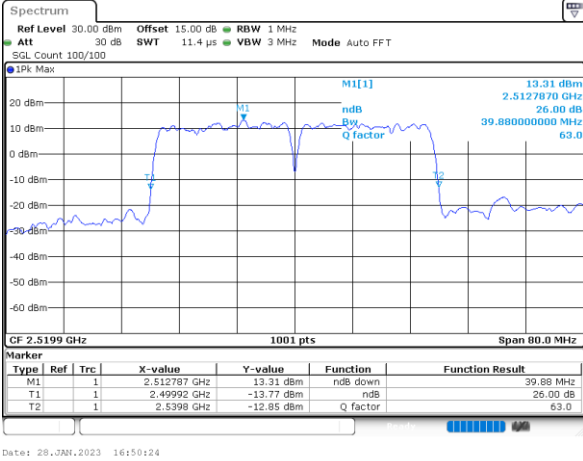


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

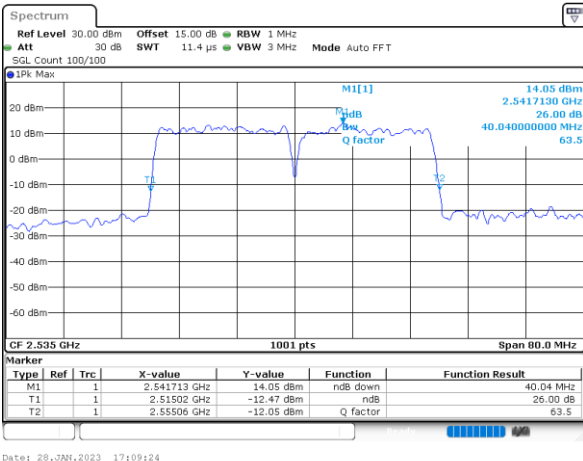
N/A



Date: 28_JAN_2023 16:50:24

Middle Channel / 20MHz+20MHz

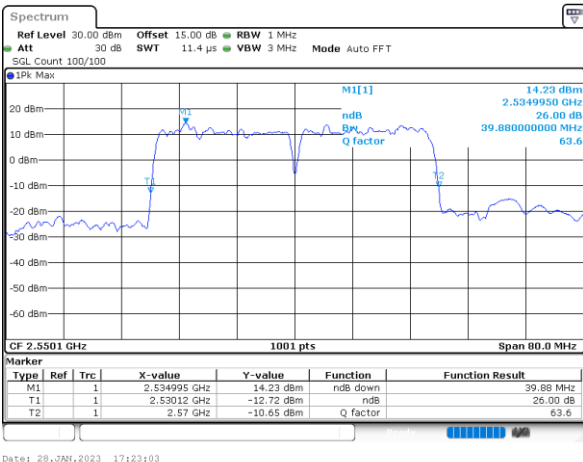
N/A



Date: 28_JAN_2023 17:09:24

Highest Channel / 20MHz+20MHz

N/A



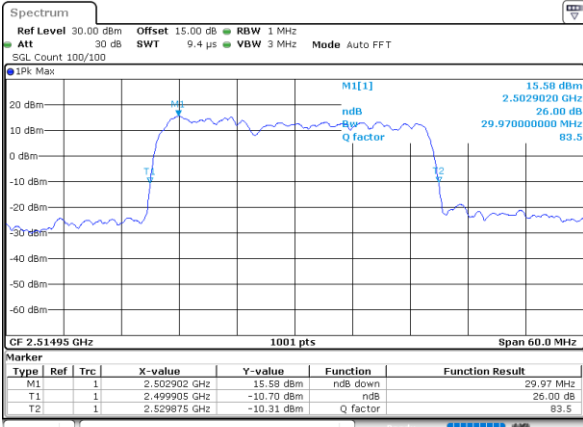
Date: 28_JAN_2023 17:23:03



LTE Band 7C

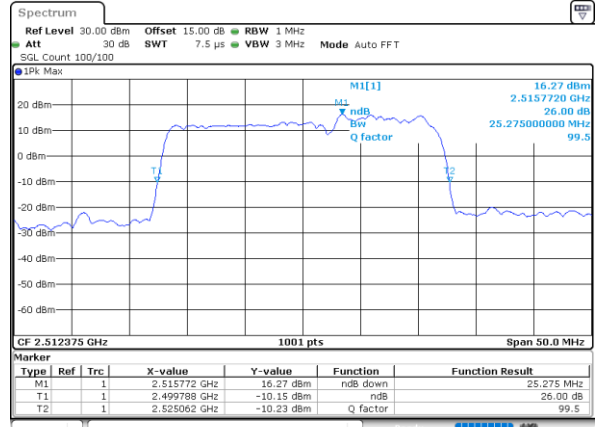
64QAM

Lowest Channel / 10MHz+20MHz



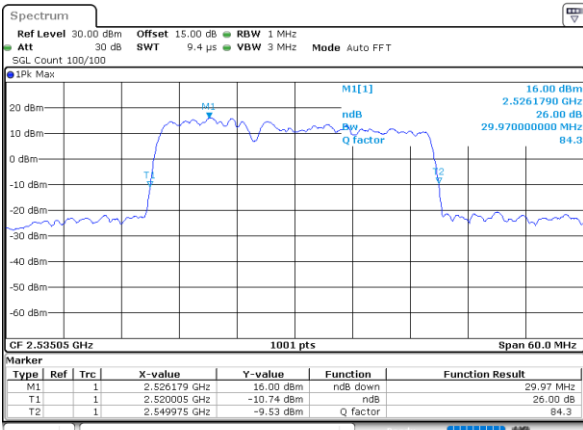
Date: 17_JAN.2023 10:35:47

Lowest Channel / 15MHz+10MHz



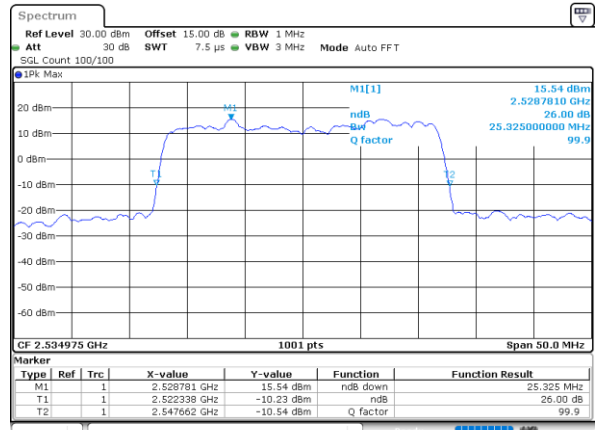
Date: 28_JAN.2023 19:23:50

Middle Channel / 10MHz+20MHz



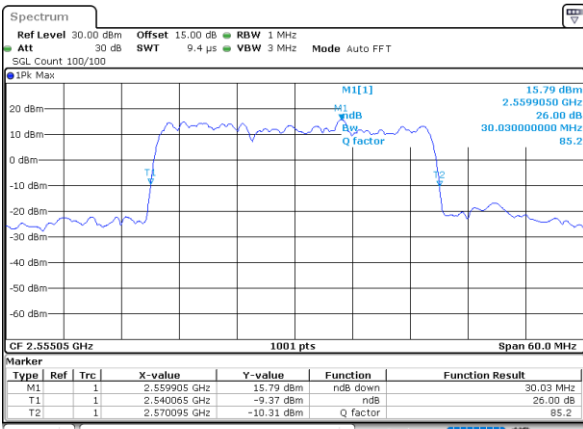
Date: 17_JAN.2023 11:38:21

Middle Channel / 15MHz+10MHz



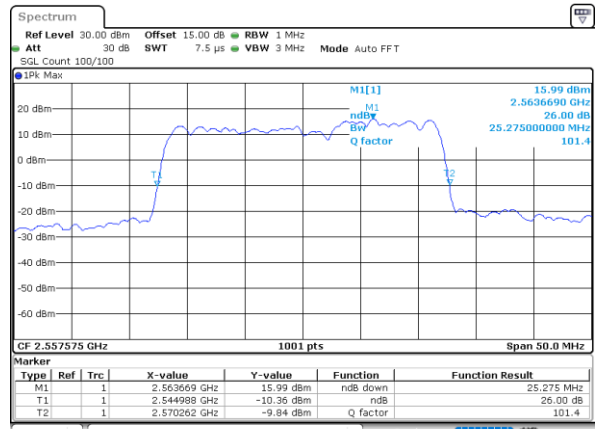
Date: 28_JAN.2023 19:42:53

Highest Channel / 10MHz+20MHz



Date: 28_JAN.2023 15:22:04

Highest Channel / 15MHz+10MHz



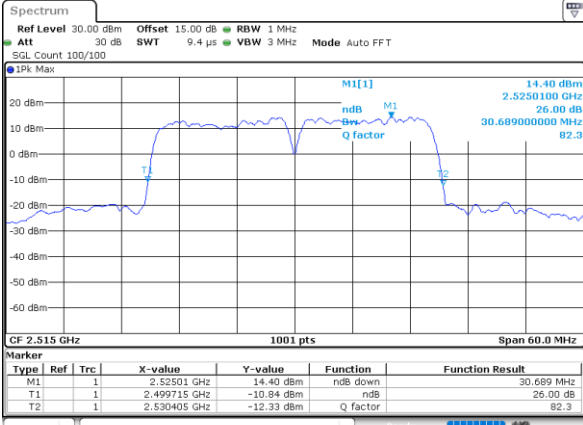
Date: 28_JAN.2023 19:57:38



LTE Band 7C

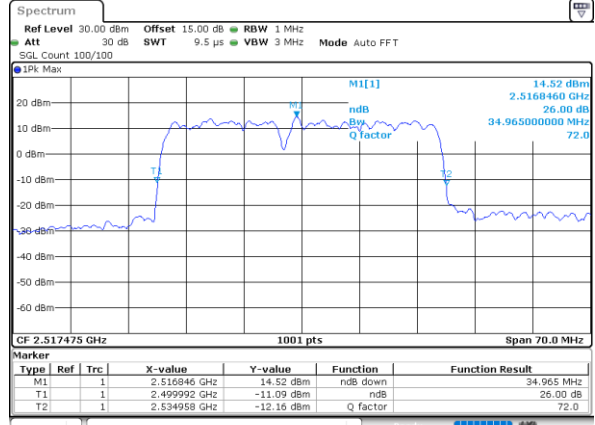
64QAM

Lowest Channel / 15MHz+15MHz



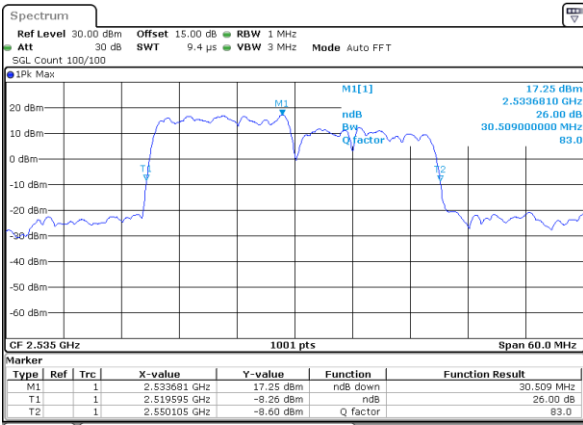
Date: 30_JAN.2023 17:07:41

Lowest Channel / 15MHz+20MHz



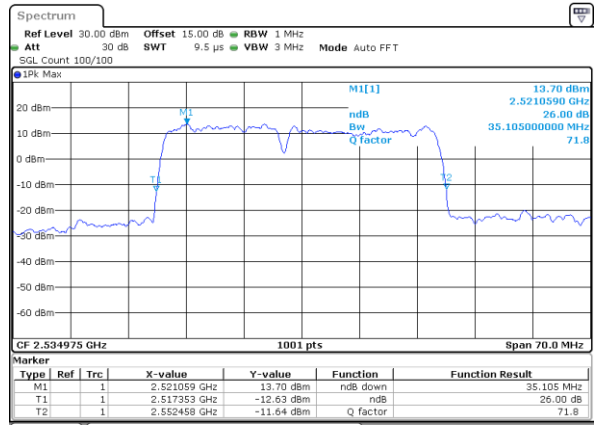
Date: 28_JAN.2023 15:50:06

Middle Channel / 15MHz+15MHz



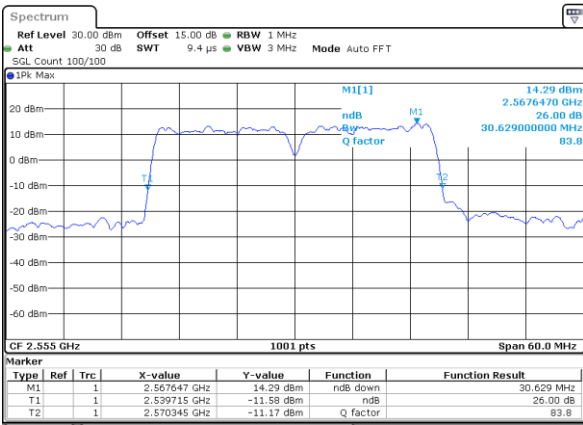
Date: 28_JAN.2023 21:07:59

Middle Channel / 15MHz+20MHz



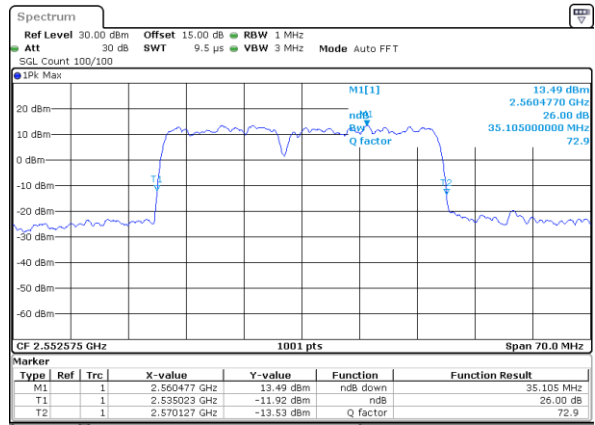
Date: 28_JAN.2023 16:11:11

Highest Channel / 15MHz+15MHz



Date: 28_JAN.2023 21:23:05

Highest Channel / 15MHz+20MHz



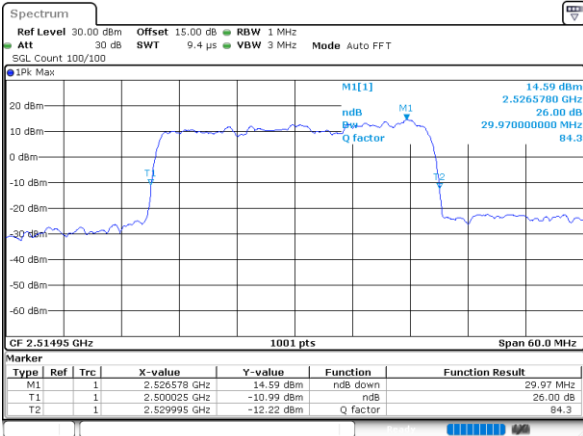
Date: 28_JAN.2023 16:27:21



LTE Band 7C

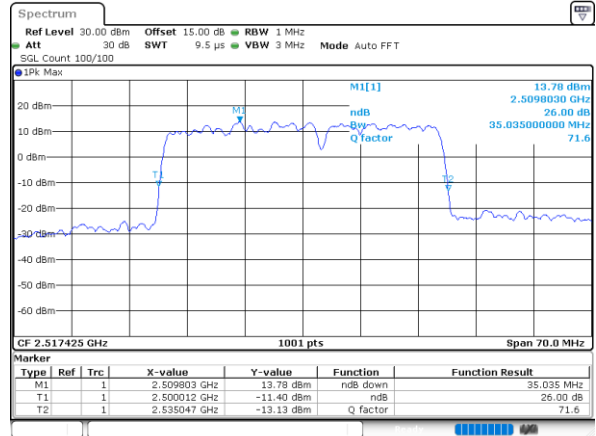
64QAM

Lowest Channel / 20MHz+10MHz



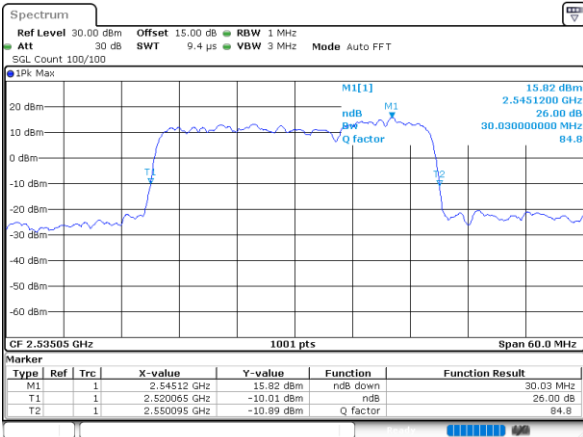
Date: 17_JAN_2023 13:26:56

Lowest Channel / 20MHz+15MHz



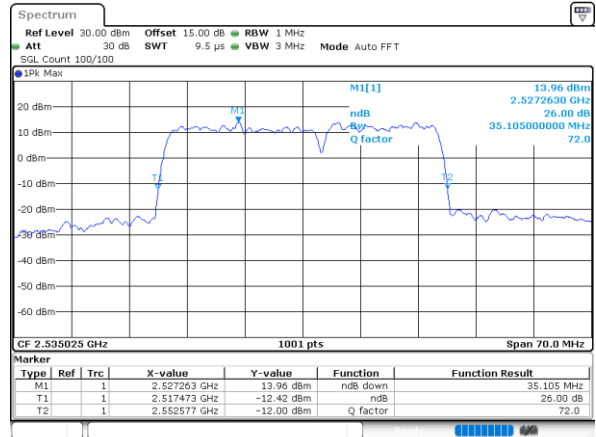
Date: 28_JAN_2023 17:47:52

Middle Channel / 20MHz+10MHz



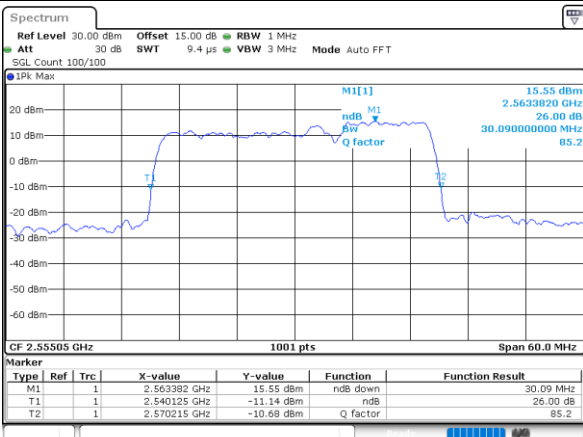
Date: 28_JAN_2023 18:40:29

Middle Channel / 20MHz+15MHz



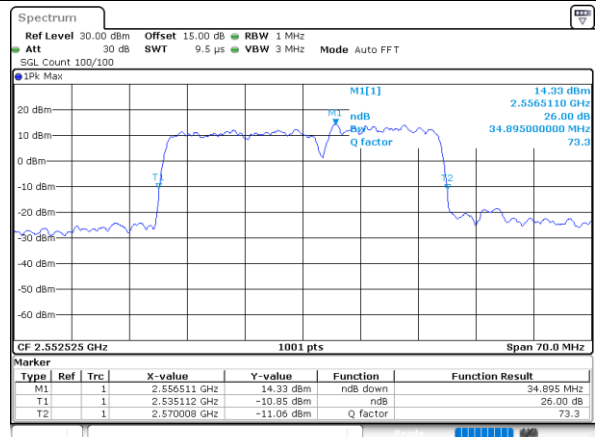
Date: 28_JAN_2023 18:06:52

Highest Channel / 20MHz+10MHz



Date: 28_JAN_2023 18:55:15

Highest Channel / 20MHz+15MHz



Date: 28_JAN_2023 18:21:33

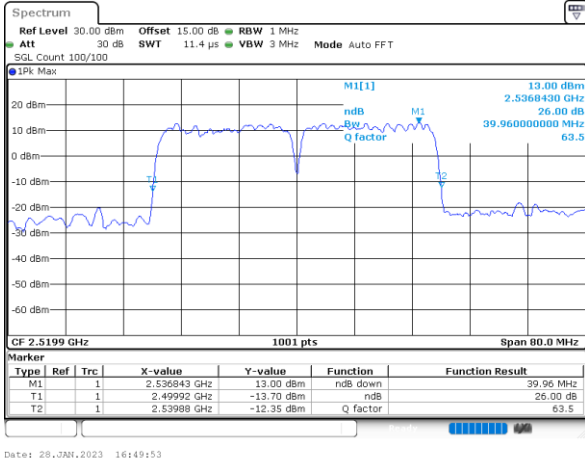


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

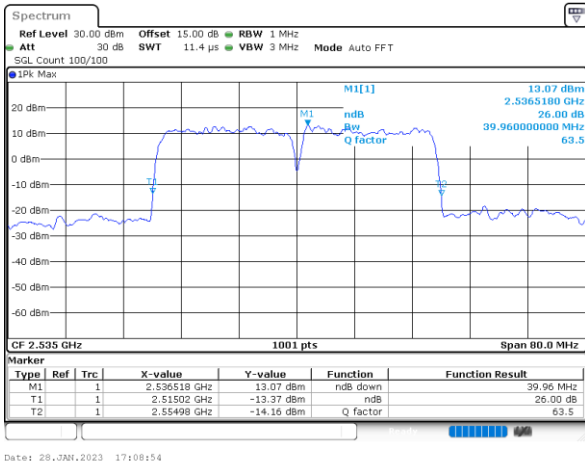
N/A



Date: 28_JAN_2023 16:49:53

Middle Channel / 20MHz+20MHz

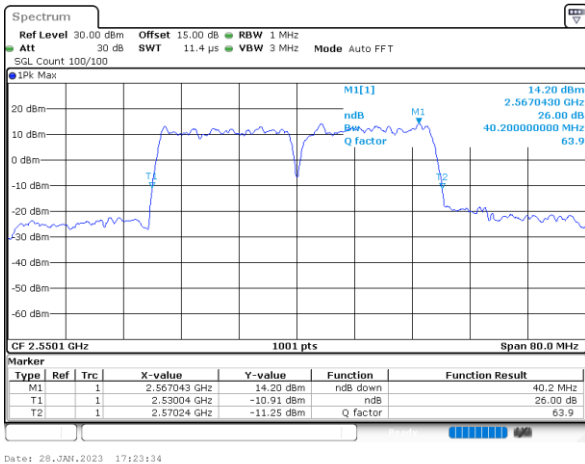
N/A



Date: 28_JAN_2023 17:08:54

Highest Channel / 20MHz+20MHz

N/A



Date: 28_JAN_2023 17:23:34



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.99	23.43	28.65	32.80
Middle CH	27.93	23.48	27.99	32.87
Highest CH	28.11	23.48	28.53	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.81	32.94	37.56	-
Middle CH	28.11	32.73	37.64	-
Highest CH	27.99	32.80	37.80	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.99	23.33	28.41	33.01
Middle CH	28.11	23.53	28.53	32.73
Highest CH	28.11	23.53	28.47	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.11	32.66	37.56	-
Middle CH	28.17	33.08	37.80	-
Highest CH	27.99	32.94	37.88	-

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	28.11	23.33	28.47	32.73
Middle CH	28.05	23.43	28.59	32.94
Highest CH	27.93	23.43	28.23	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.99	32.73	37.48	-
Middle CH	28.05	33.01	37.80	-
Highest CH	28.17	32.80	37.56	-