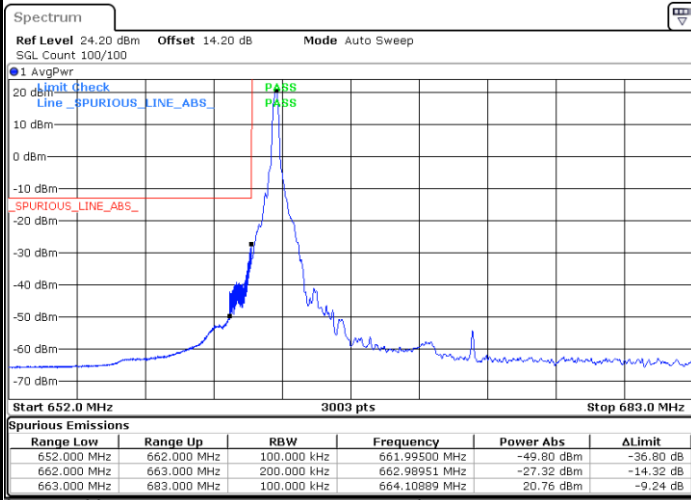




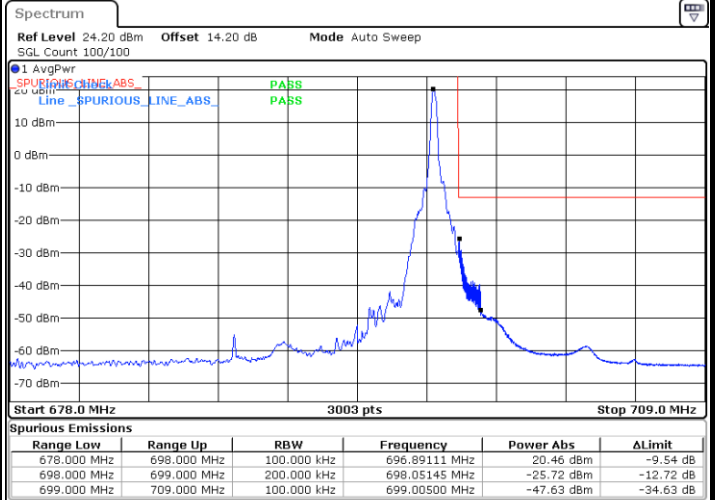
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



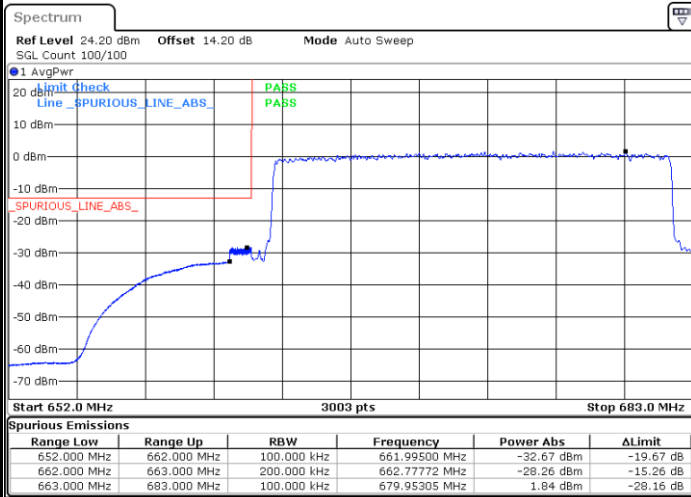
Date: 10.FEB.2023 12:46:22

Highest Band Edge / 1 RB



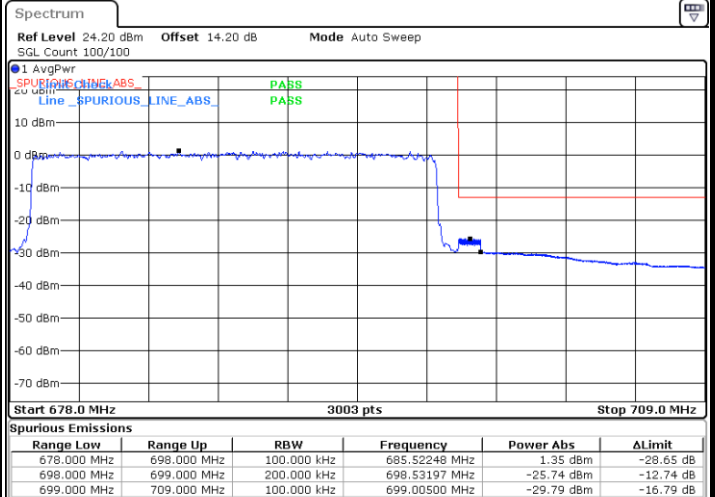
Date: 10.FEB.2023 12:51:26

Lowest Band Edge / Full RB



Date: 10.FEB.2023 12:48:55

Highest Band Edge / Full RB

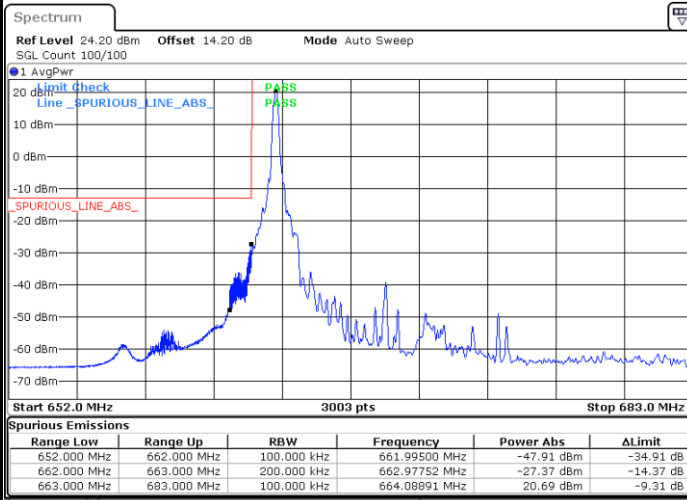


Date: 10.FEB.2023 12:55:14



LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



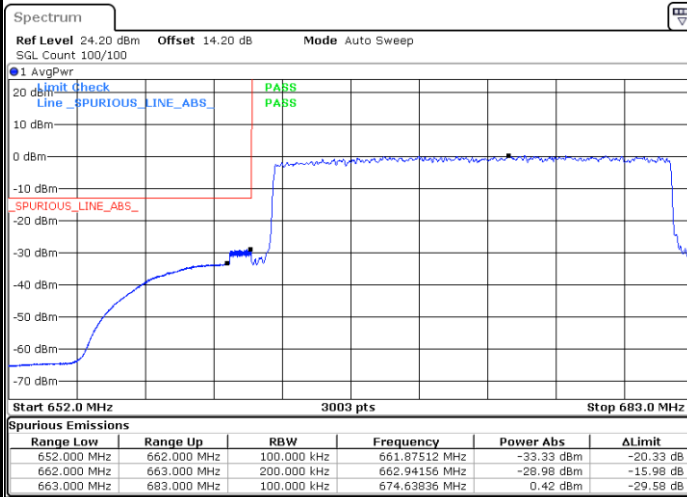
Date: 10.FEB.2023 12:47:38

Highest Band Edge / 1RB



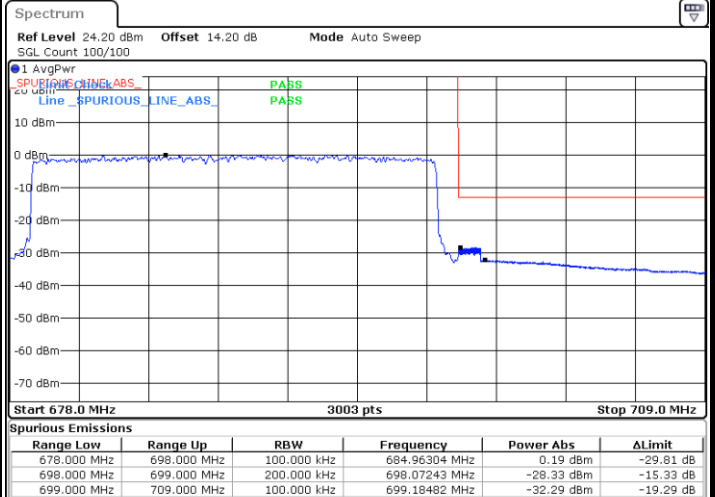
Date: 10.FEB.2023 12:52:43

Lowest Band Edge / Full RB



Date: 10.FEB.2023 12:50:10

Highest Band Edge / Full RB

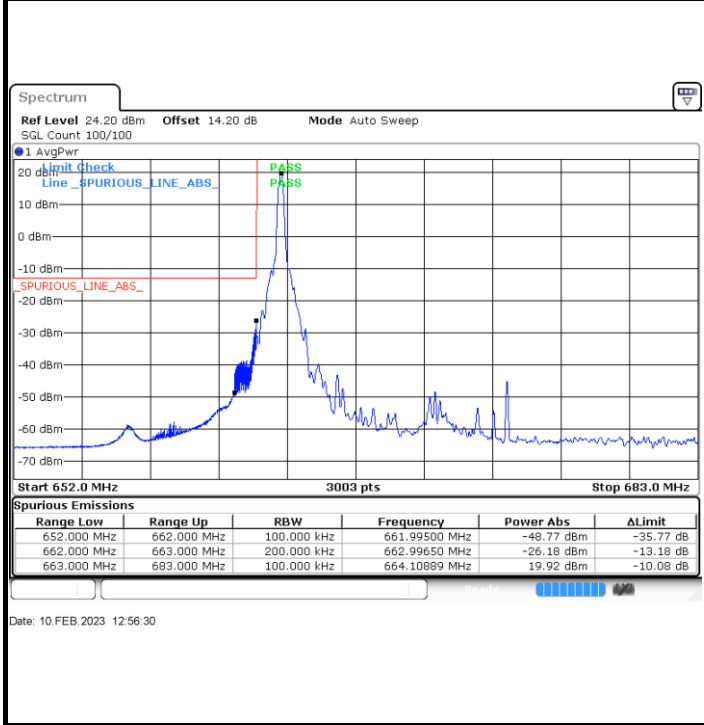


Date: 10.FEB.2023 12:53:58

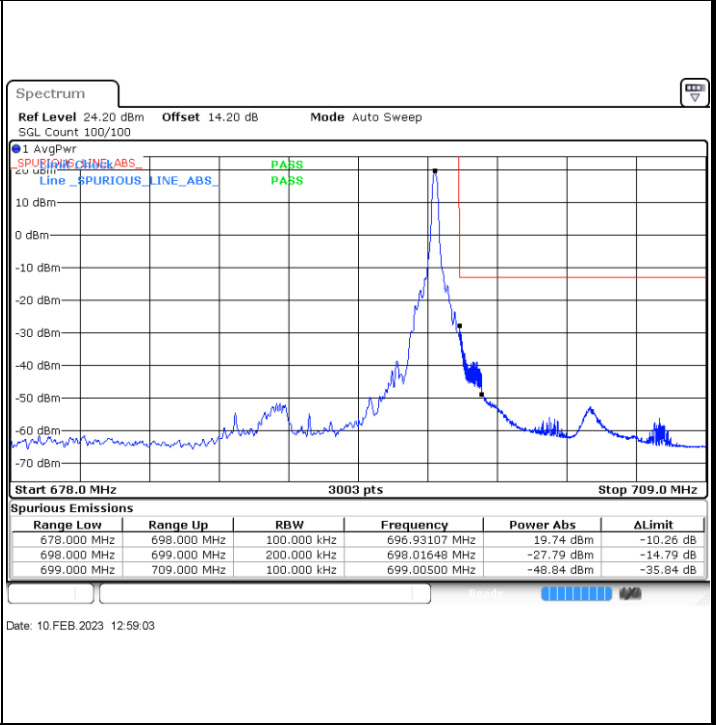


**LTE Band 71 / 20MHz / 64QAM**

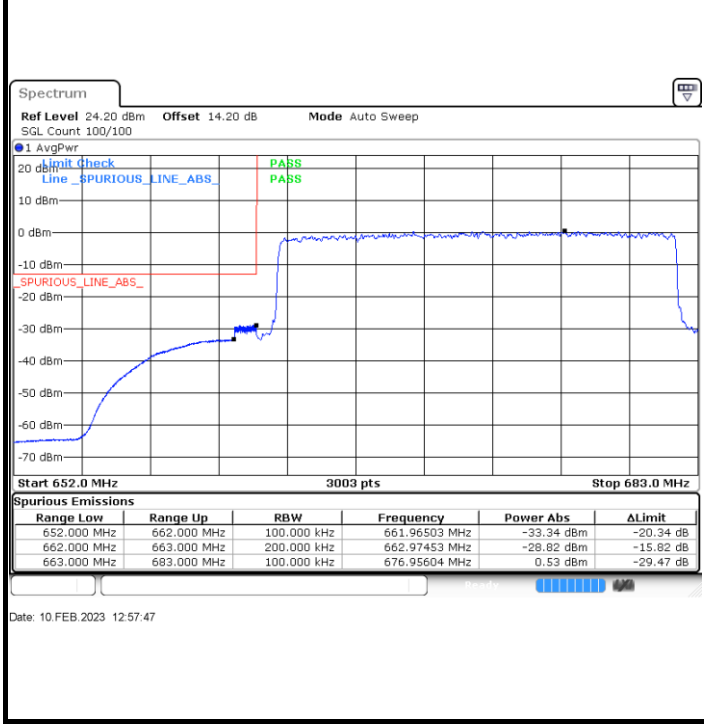
**Lowest Band Edge / 1 RB**



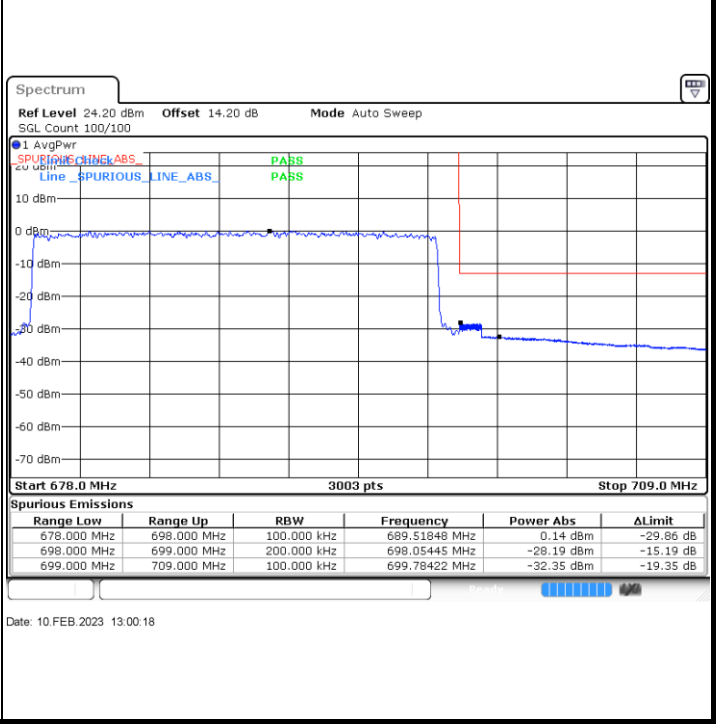
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**

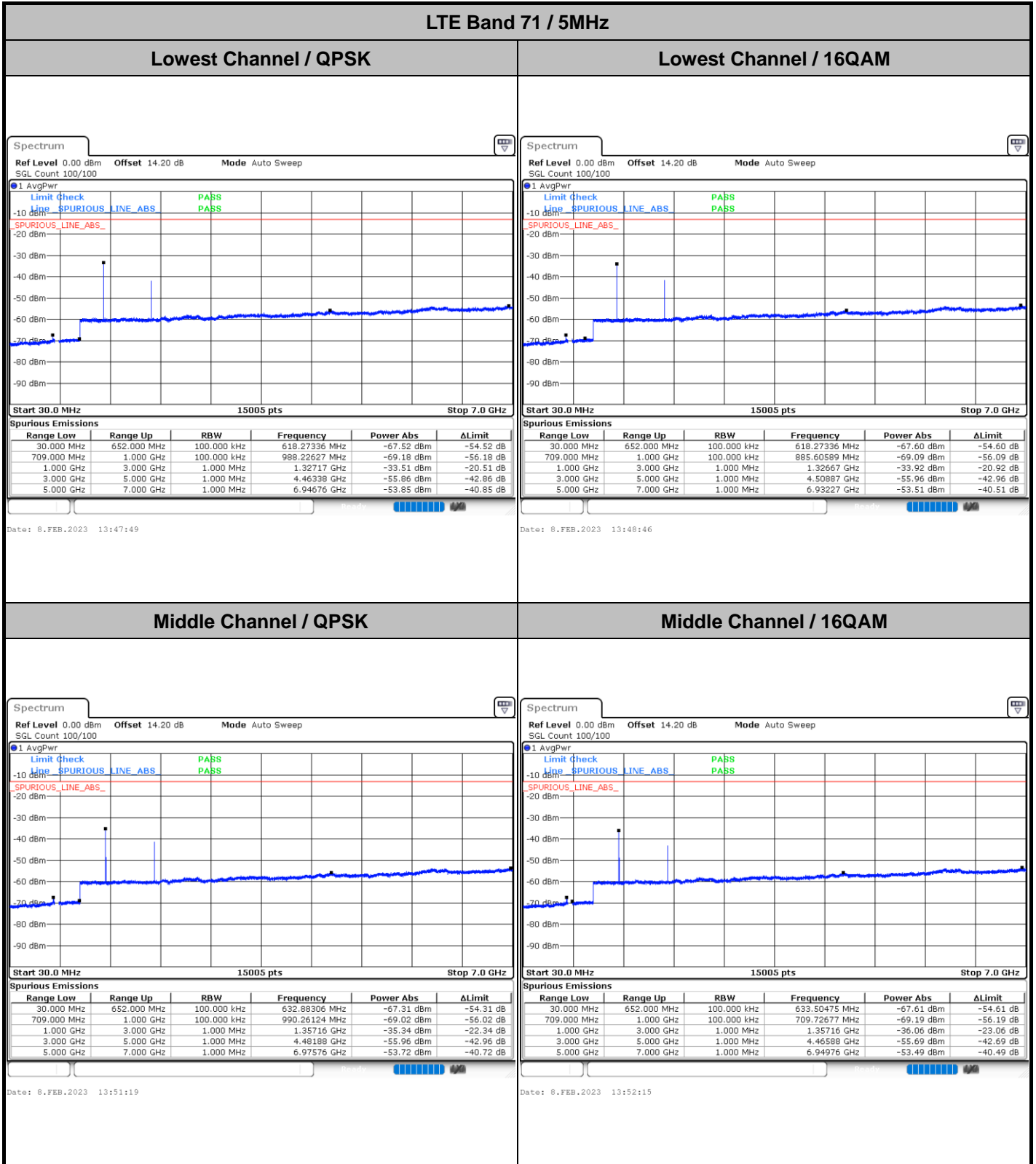


**Highest Band Edge / Full RB**





# Conducted Spurious Emission

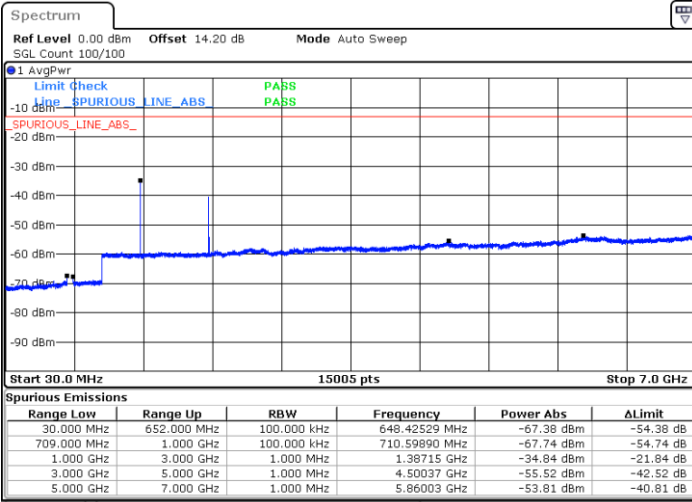




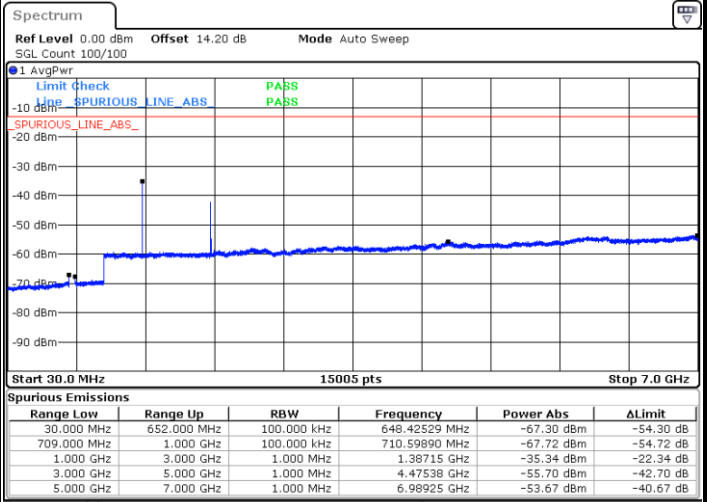
LTE Band 71 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.FEB.2023 13:59:06

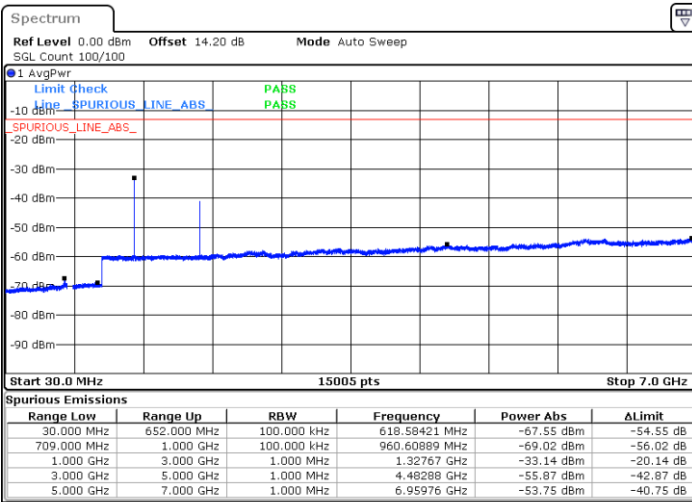


Date: 8.FEB.2023 14:00:04

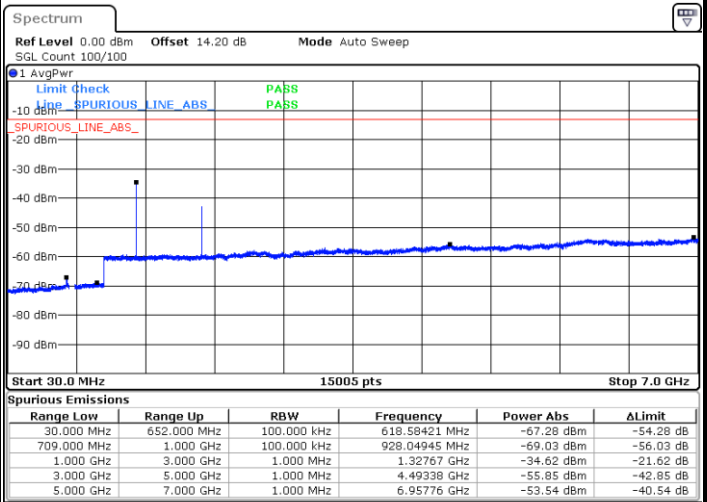
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8.FEB.2023 14:15:58



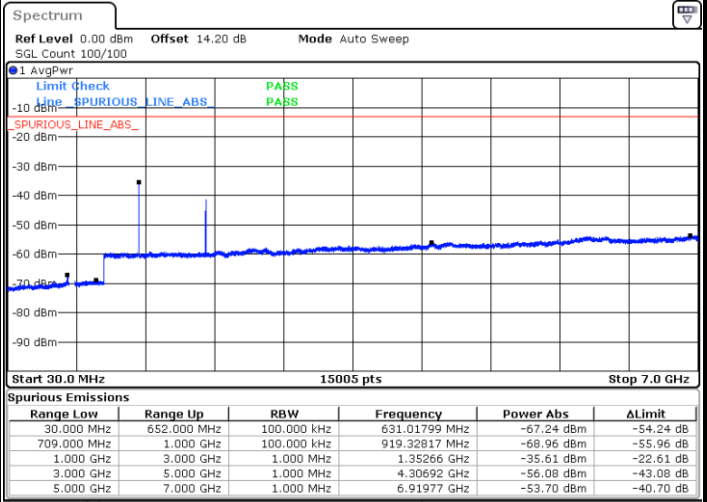
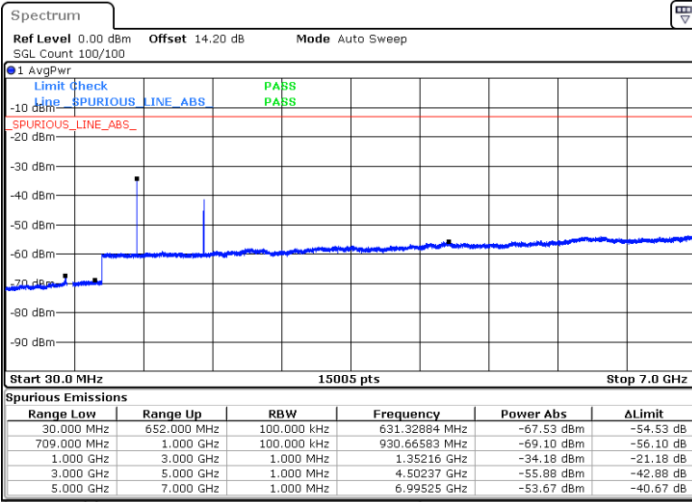
Date: 8.FEB.2023 14:16:56



LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

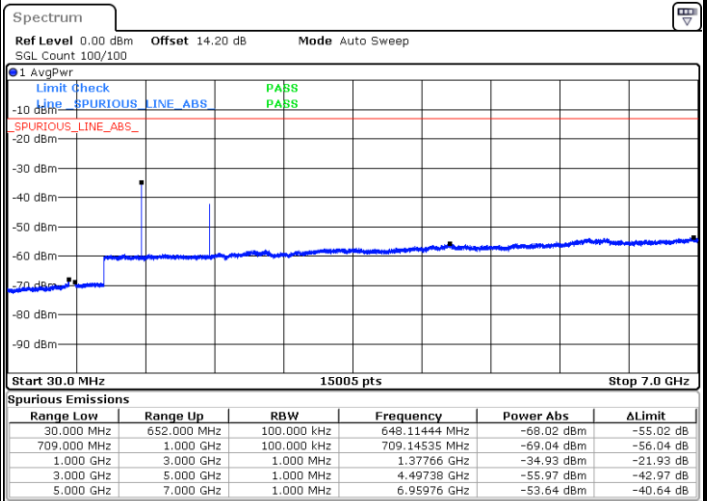
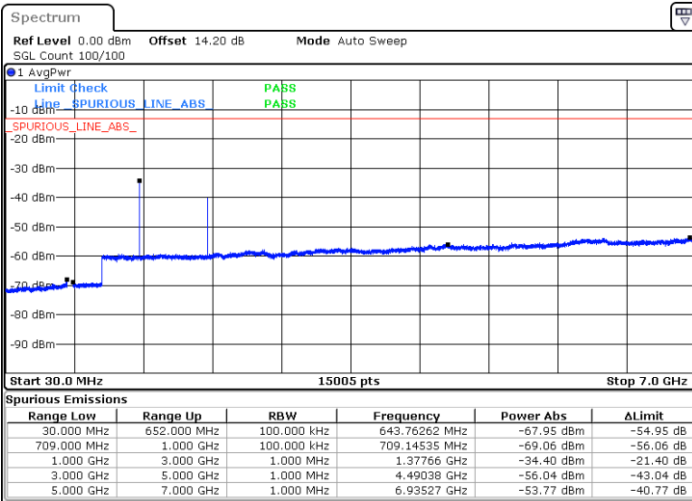


Date: 8.FEB.2023 14:19:08

Date: 8.FEB.2023 14:19:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.FEB.2023 14:25:54

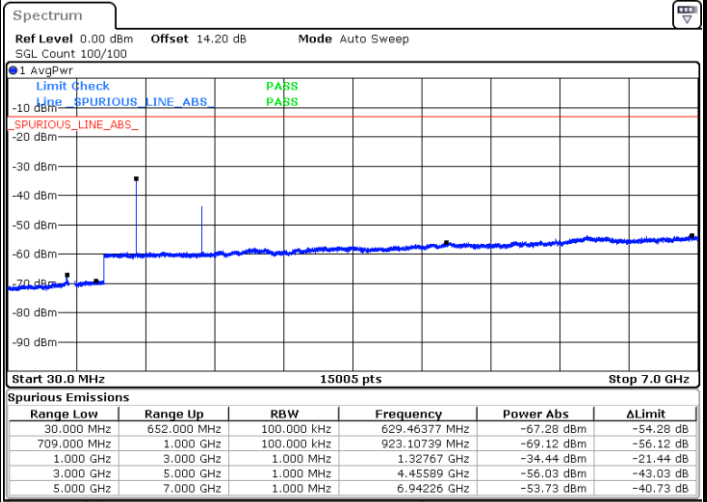
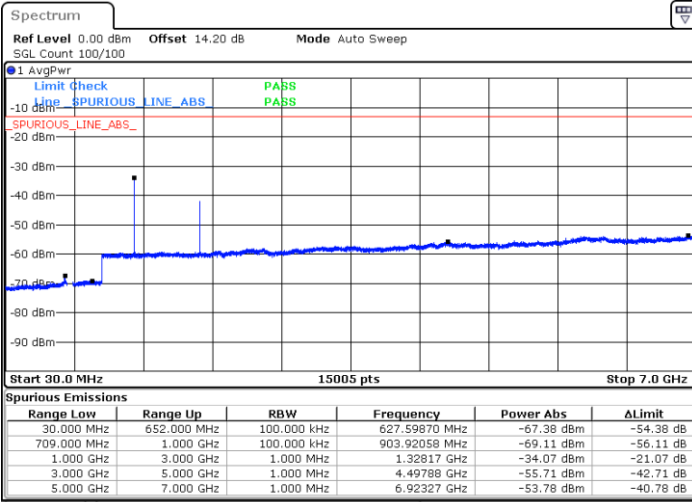
Date: 8.FEB.2023 14:26:32



LTE Band 71 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

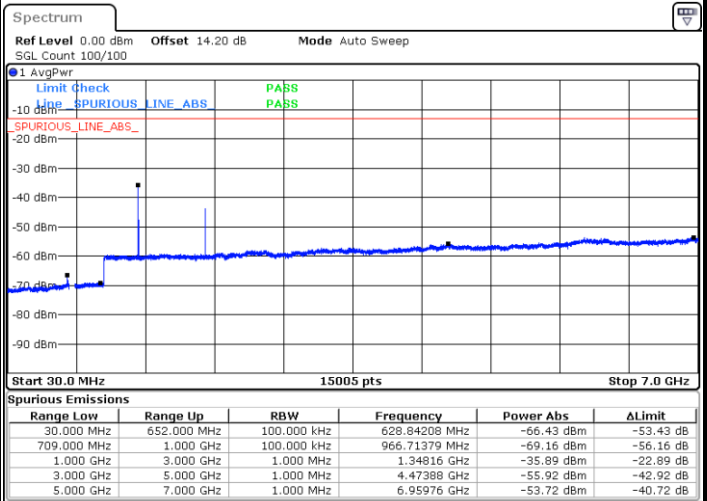
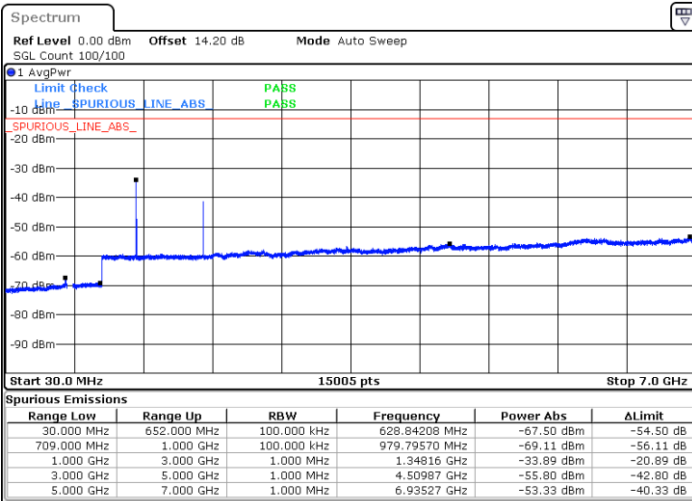


Date: 8.FEB.2023 14:40:27

Date: 8.FEB.2023 14:41:04

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.FEB.2023 14:43:16

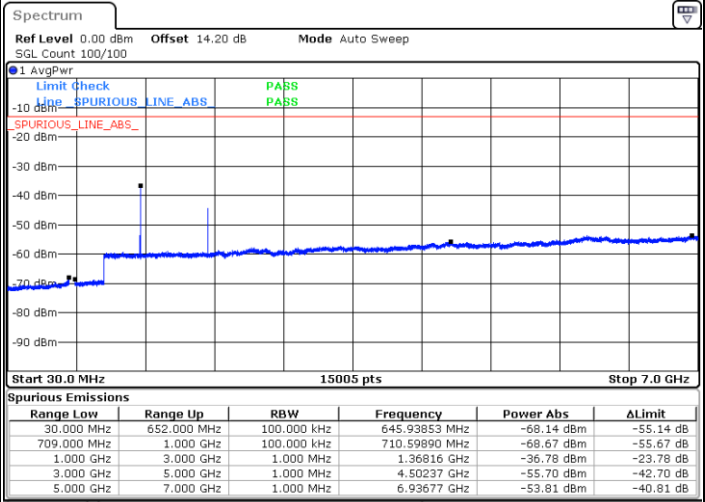
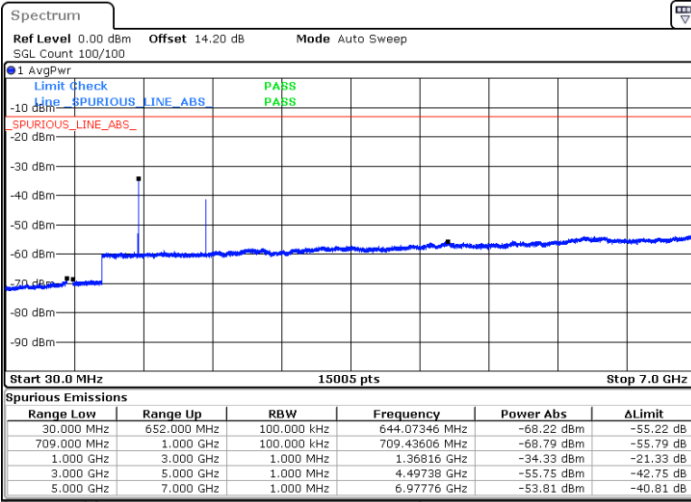
Date: 8.FEB.2023 14:43:53



LTE Band71 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



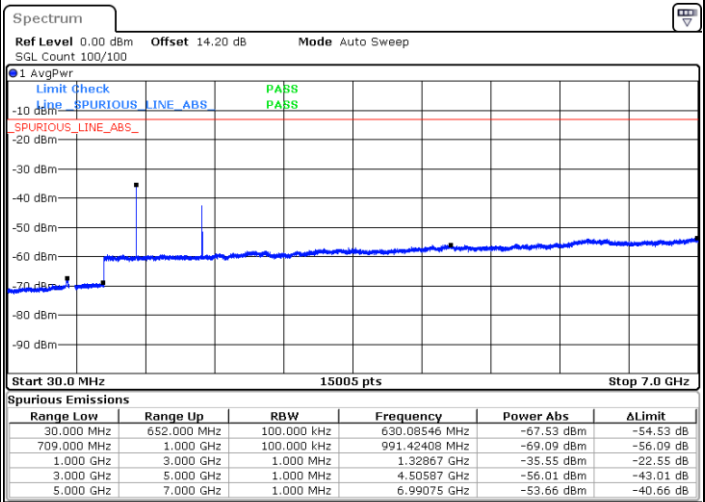
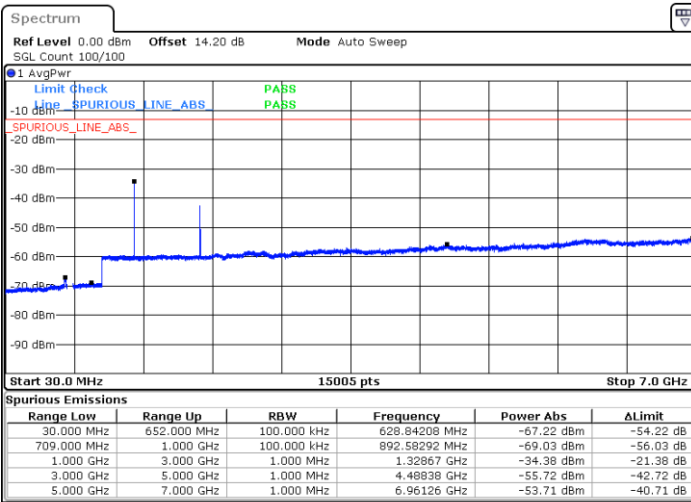
Date: 8.FEB.2023 14:50:05

Date: 8.FEB.2023 14:50:42

LTE Band 71 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8.FEB.2023 15:04:40

Date: 8.FEB.2023 15:05:18

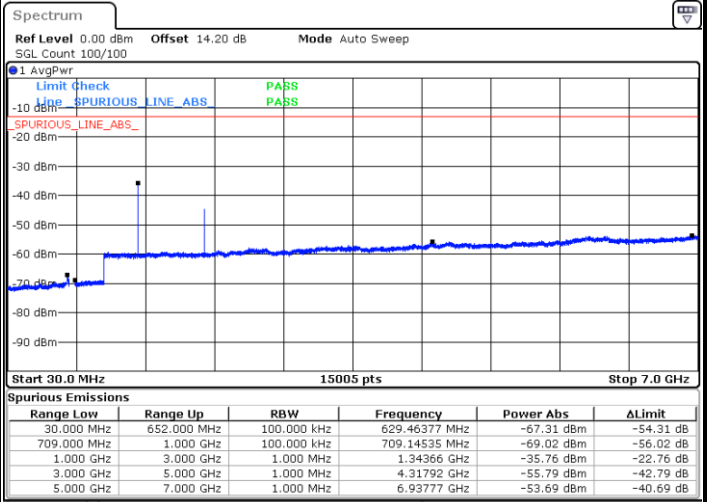
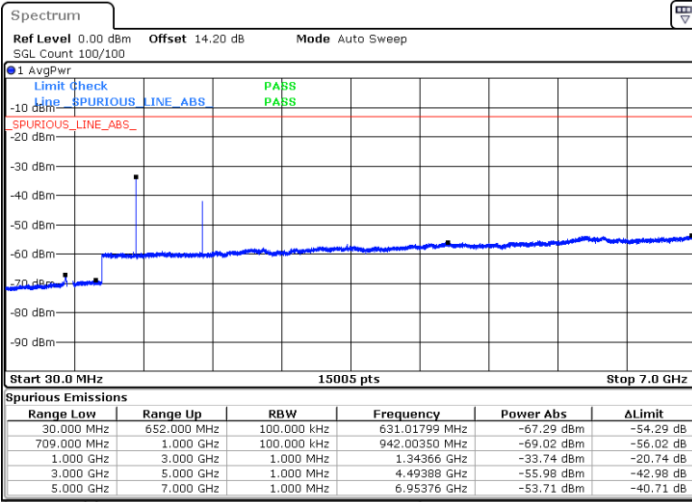




LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

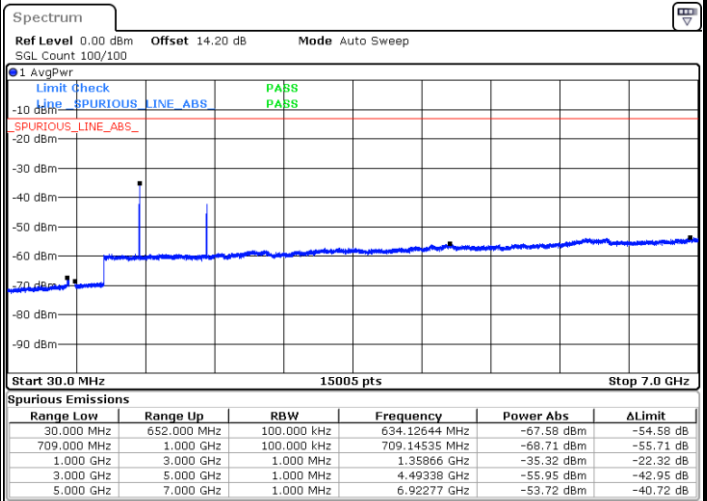
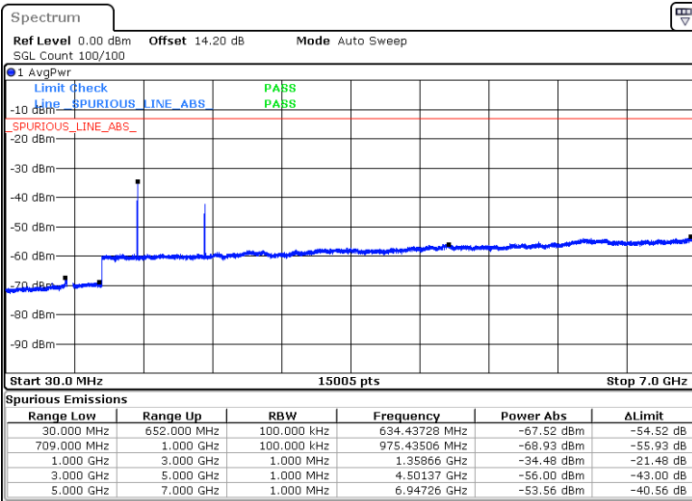


Date: 8.FEB.2023 15:07:30

Date: 8.FEB.2023 15:08:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.FEB.2023 15:48:41

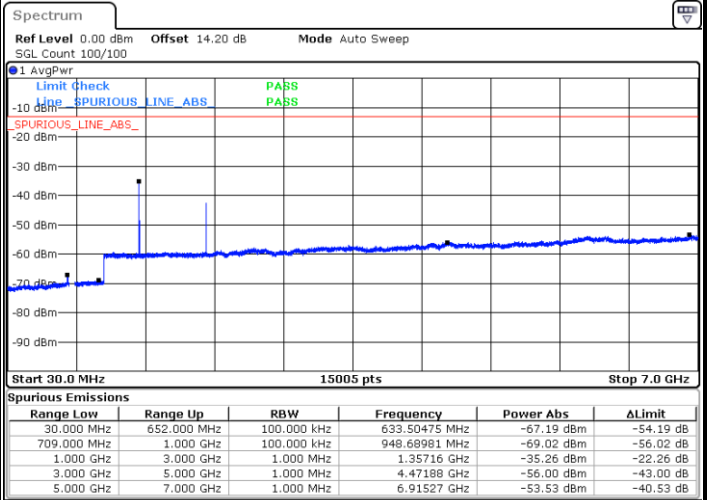
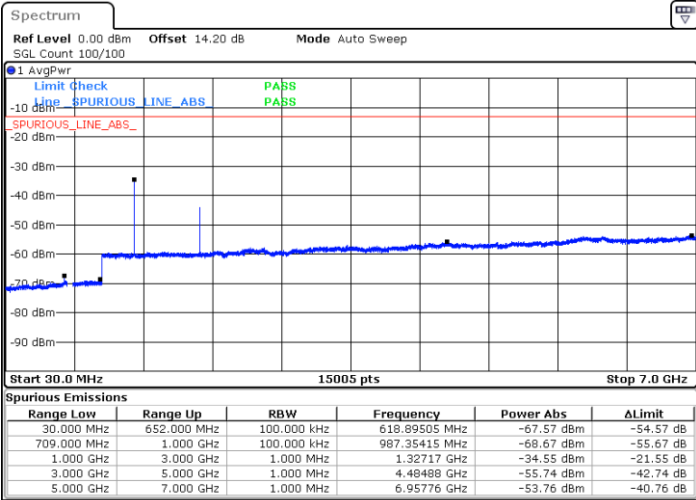
Date: 8.FEB.2023 15:49:18



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

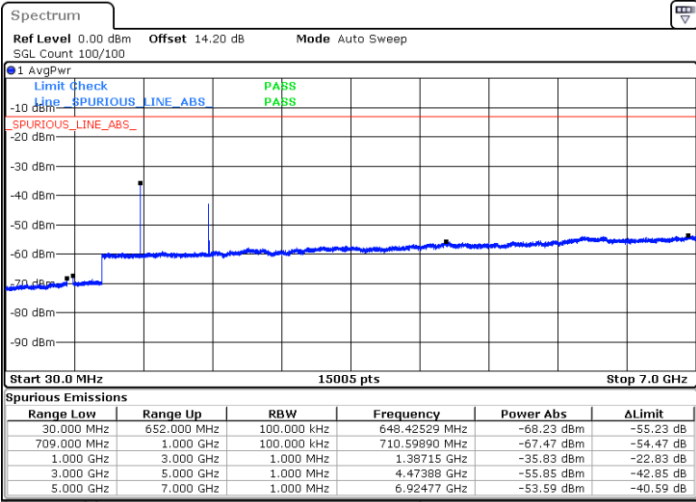


Date: 8.FEB.2023 14:03:48

Date: 8.FEB.2023 14:05:24

Highest Channel / 64QAM

N/A



Date: 8.FEB.2023 14:09:07

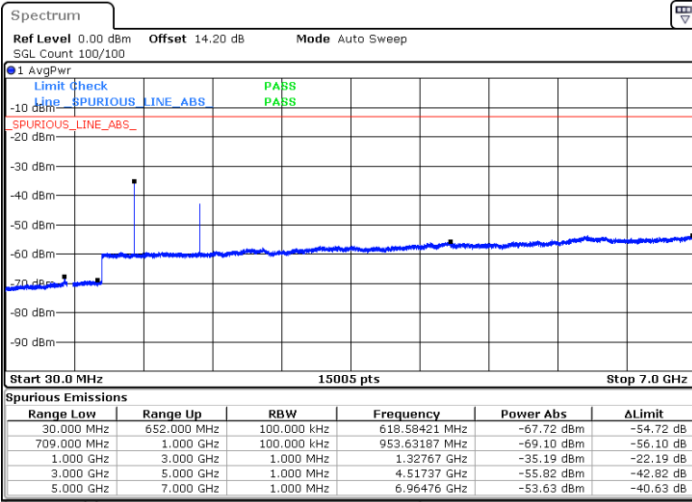
N/A



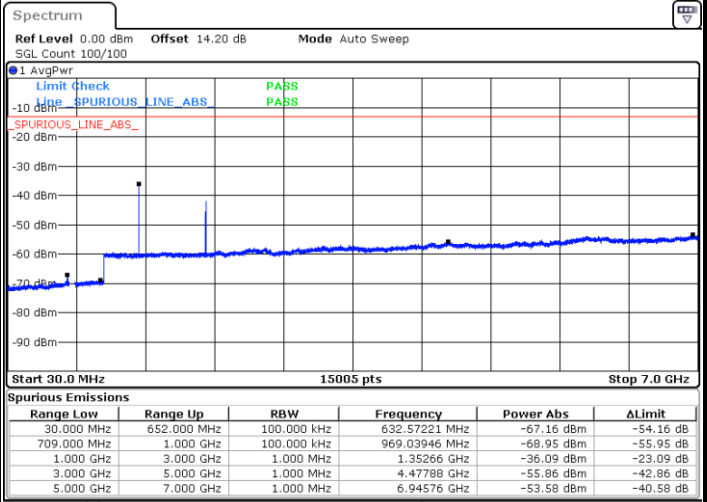
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



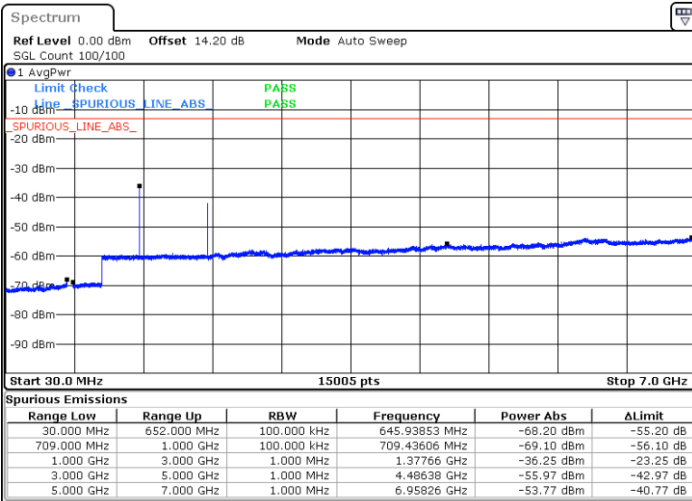
Date: 8.FEB.2023 14:29:46



Date: 8.FEB.2023 14:31:02

Highest Channel / 64QAM

N/A



Date: 8.FEB.2023 14:34:15

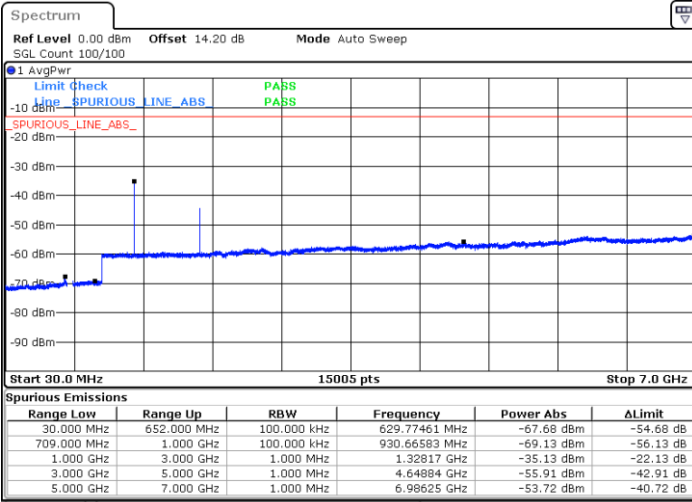
N/A



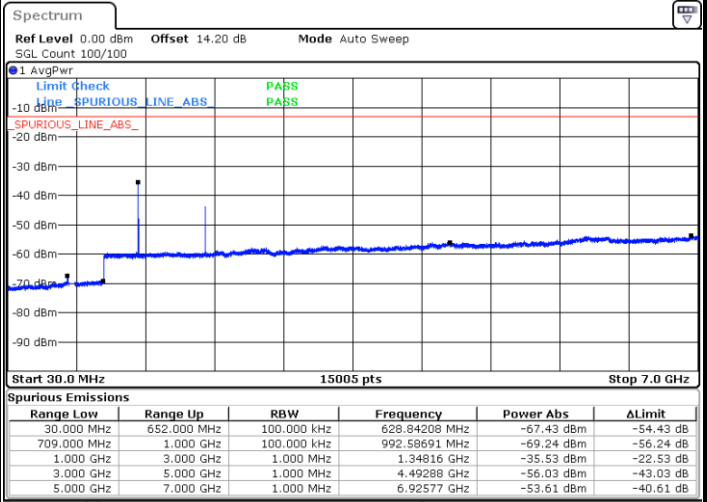
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



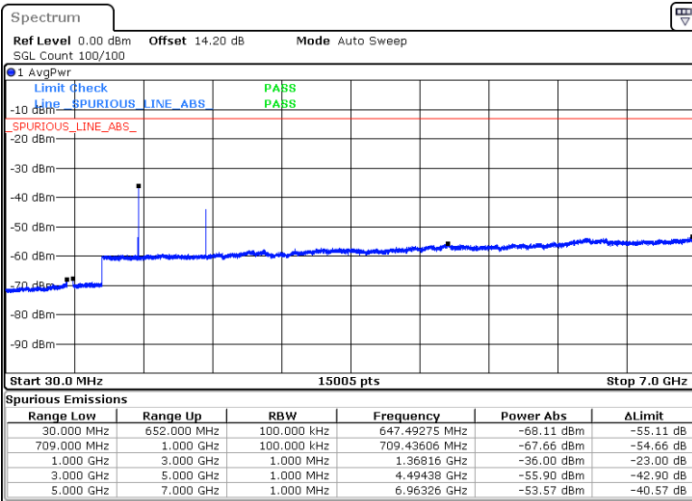
Date: 8.FEB.2023 14:53:57



Date: 8.FEB.2023 14:55:13

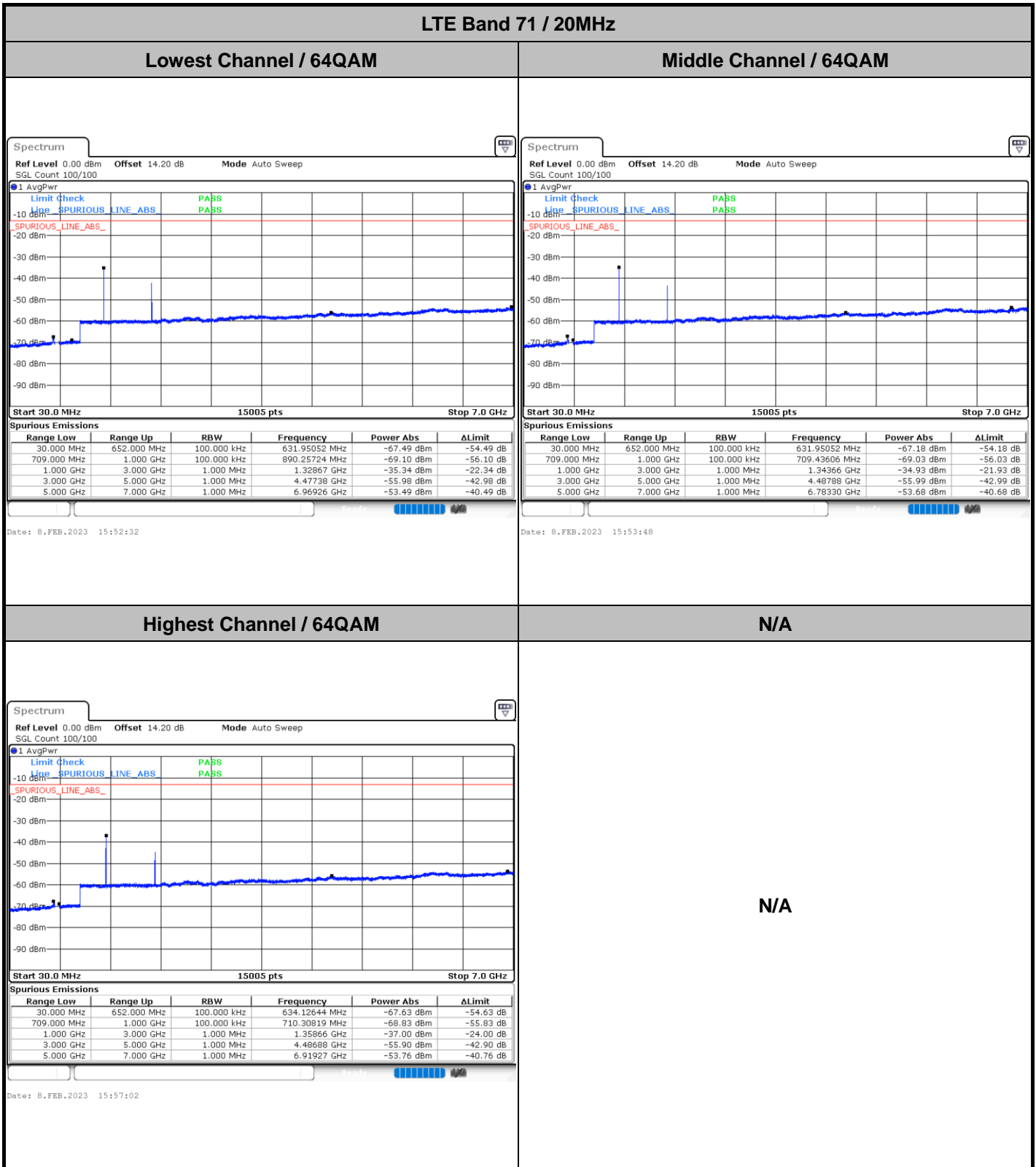
Highest Channel / 64QAM

N/A



Date: 8.FEB.2023 14:58:28

N/A





Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0010	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3 V. ; Maximum Voltage =8.7 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	29.97	25.28	30.69	34.90
Middle CH	29.85	25.33	30.57	34.97
Highest CH	29.85	25.23	30.45	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.97	39.80	-
Middle CH	30.15	34.90	39.80	-
Highest CH	29.91	34.90	40.04	-

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	34.76
Middle CH	29.91	25.52	30.51	34.97
Highest CH	29.79	25.13	30.81	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.18	39.96	-
Middle CH	30.03	35.32	39.80	-
Highest CH	29.91	34.90	40.12	-

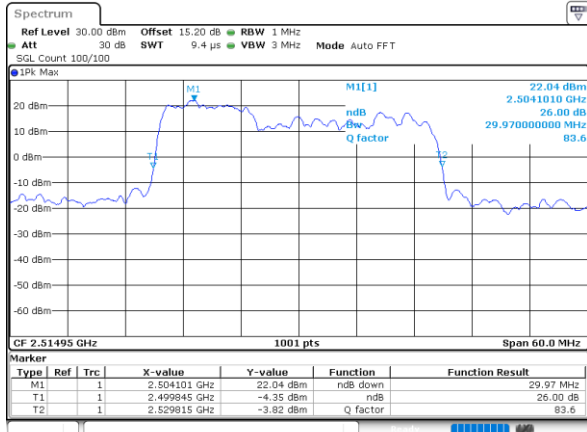
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.03	25.28	30.75	34.83
Middle CH	29.97	25.23	30.51	34.83
Highest CH	29.85	25.23	30.45	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.18	39.64	-
Middle CH	29.97	34.97	39.96	-
Highest CH	30.33	34.83	39.88	-



LTE Band 7C

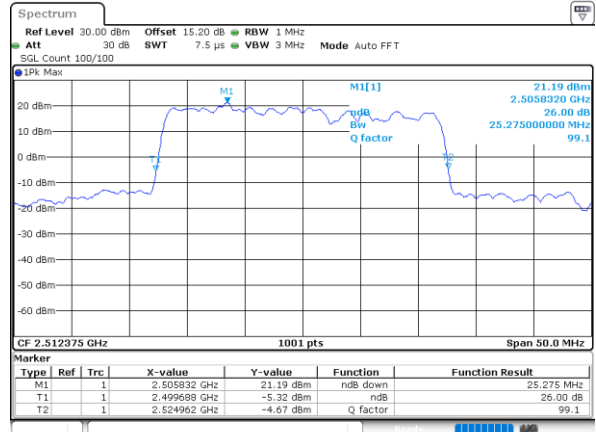
QPSK

Lowest Channel / 10MHz+20MHz



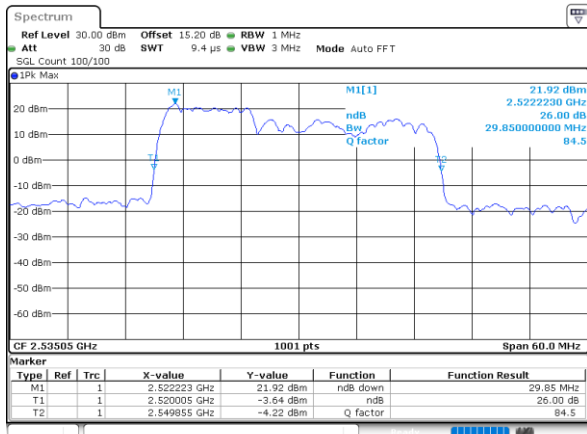
Date: 9.FEB.2023 18:30:37

Lowest Channel / 15MHz+10MHz



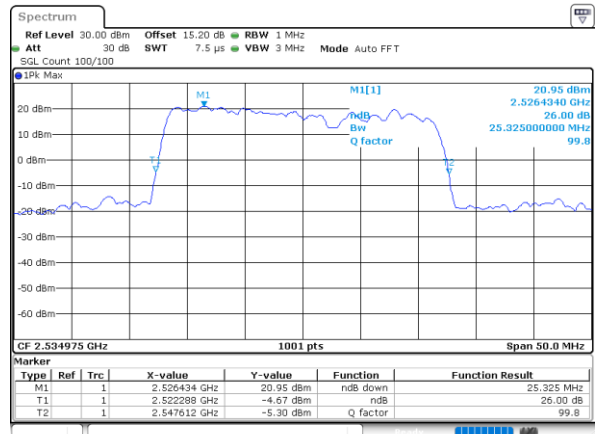
Date: 10.FEB.2023 01:01:54

Middle Channel / 10MHz+20MHz



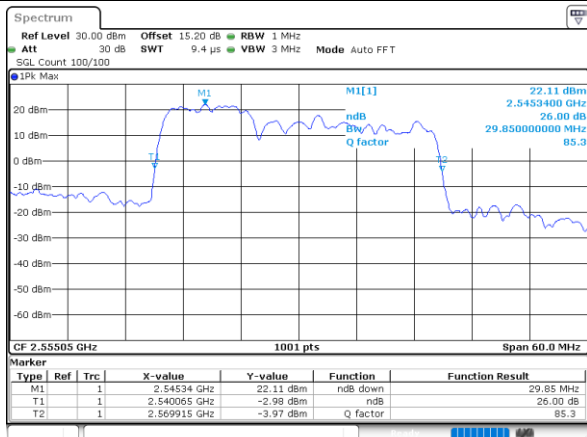
Date: 9.FEB.2023 18:51:07

Middle Channel / 15MHz+10MHz



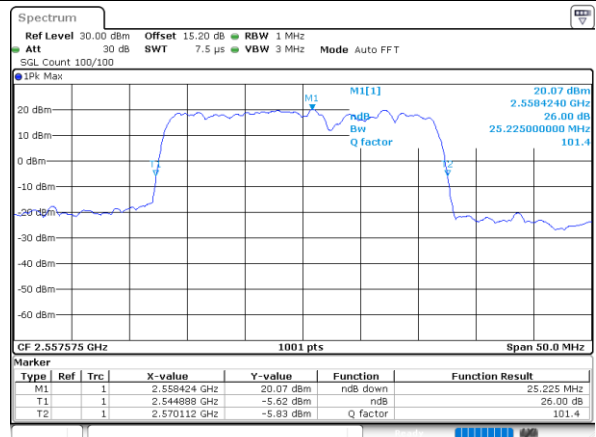
Date: 10.FEB.2023 01:22:28

Highest Channel / 10MHz+20MHz



Date: 9.FEB.2023 19:03:48

Highest Channel / 15MHz+10MHz



Date: 10.FEB.2023 01:35:08

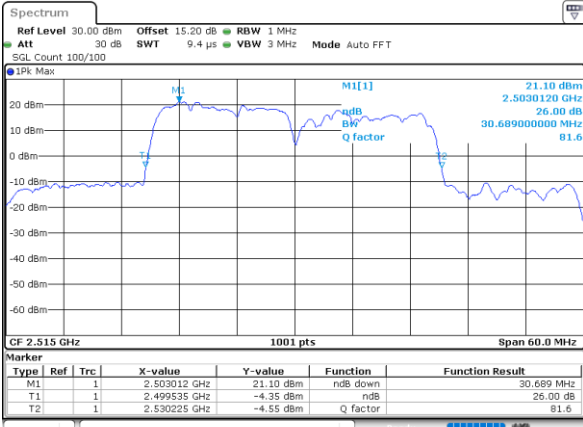




LTE Band 7C

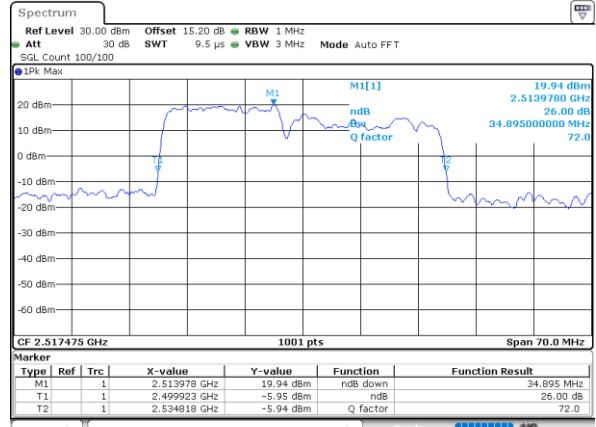
QPSK

Lowest Channel / 15MHz+15MHz



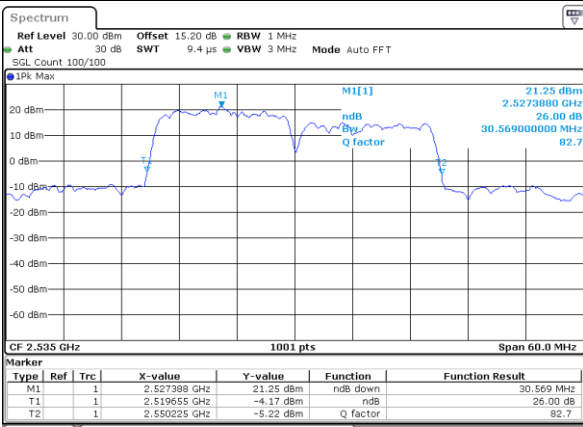
Date: 9.FEB.2023 20:25:34

Lowest Channel / 15MHz+20MHz



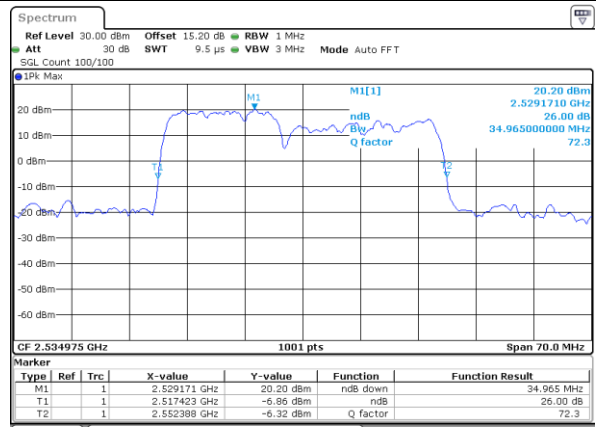
Date: 9.FEB.2023 21:20:18

Middle Channel / 15MHz+15MHz



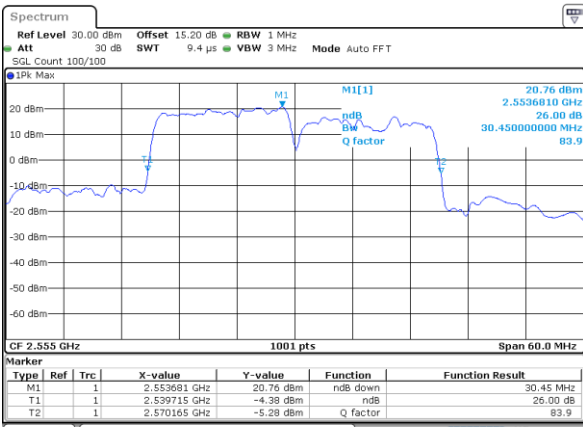
Date: 9.FEB.2023 20:46:04

Middle Channel / 15MHz+20MHz



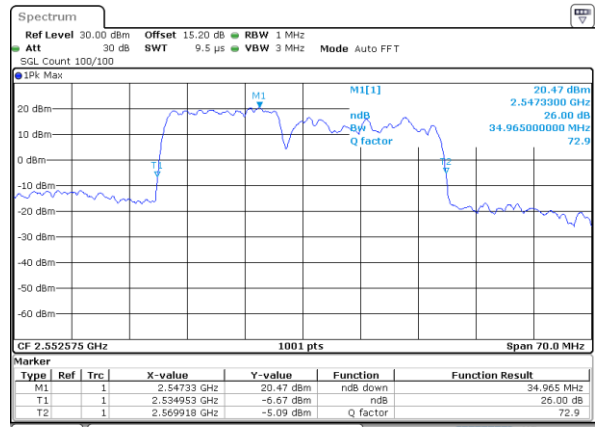
Date: 9.FEB.2023 21:40:51

Highest Channel / 15MHz+15MHz



Date: 9.FEB.2023 20:58:46

Highest Channel / 15MHz+20MHz



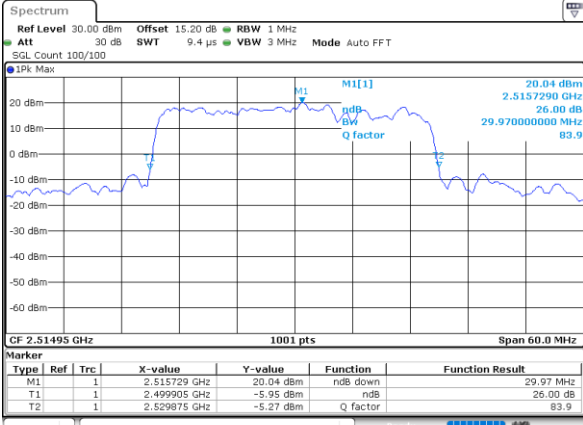
Date: 9.FEB.2023 21:53:33



LTE Band 7C

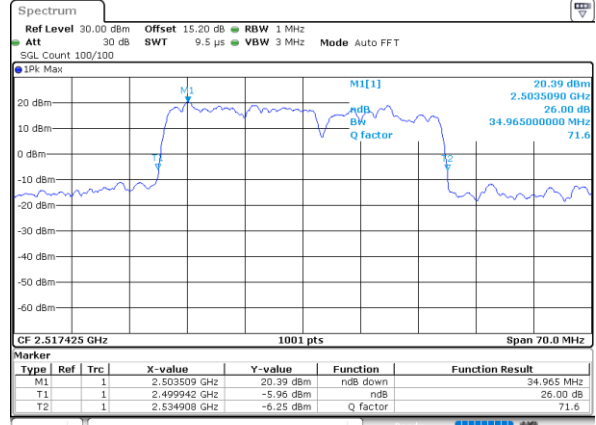
QPSK

Lowest Channel / 20MHz+10MHz



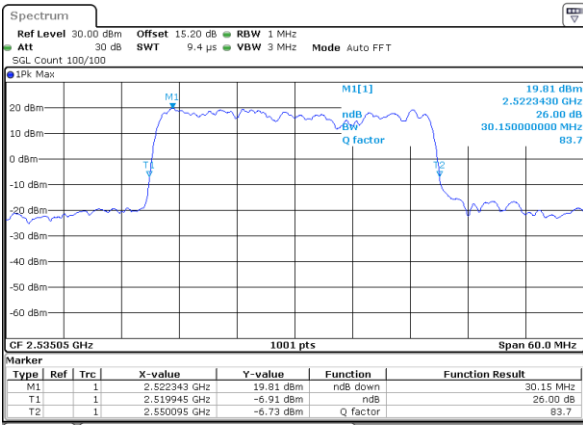
Date: 9.FEB.2023 19:30:36

Lowest Channel / 20MHz+15MHz



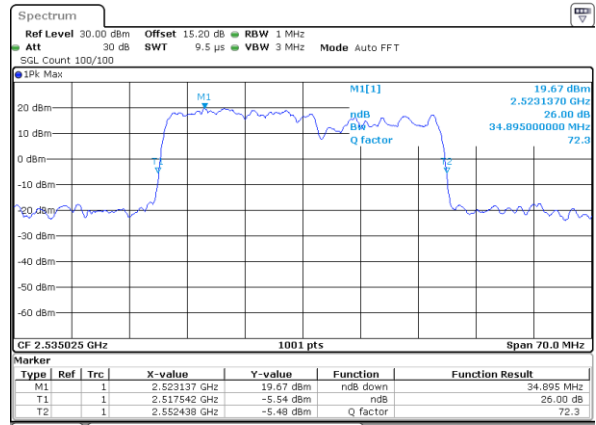
Date: 9.FEB.2023 22:15:04

Middle Channel / 20MHz+10MHz



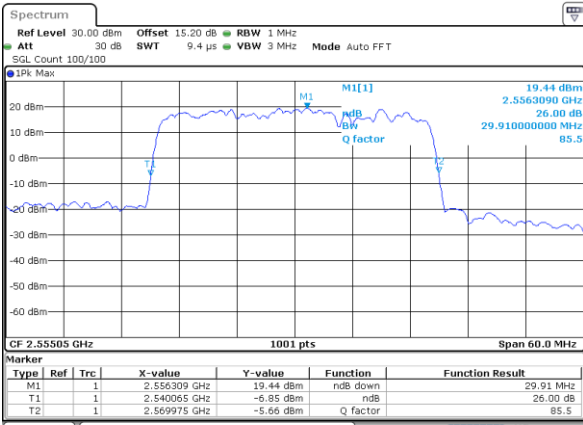
Date: 9.FEB.2023 19:51:08

Middle Channel / 20MHz+15MHz



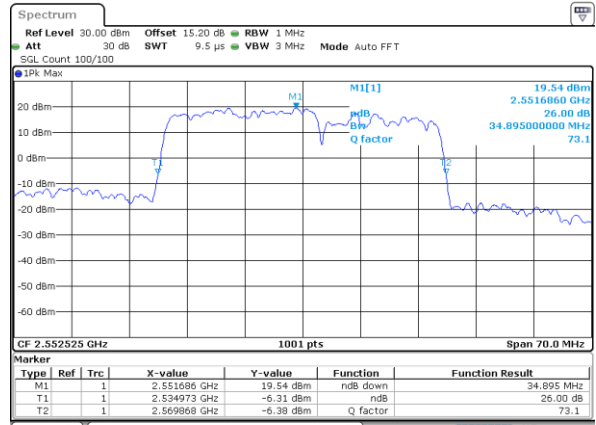
Date: 9.FEB.2023 22:35:35

Highest Channel / 20MHz+10MHz



Date: 9.FEB.2023 20:03:51

Highest Channel / 20MHz+15MHz



Date: 9.FEB.2023 22:48:16

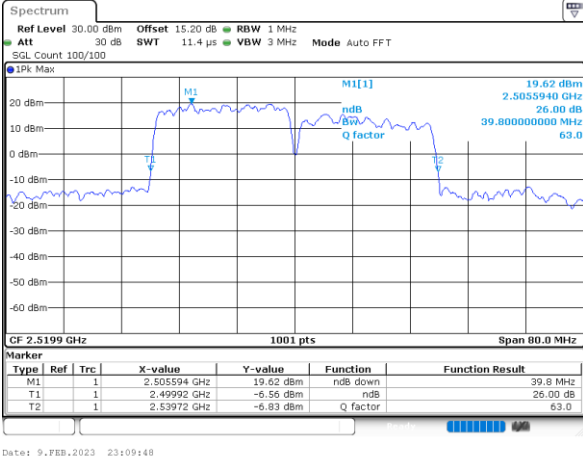


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

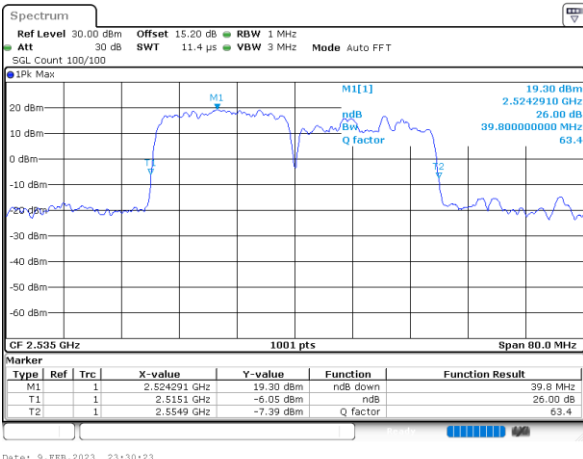
N/A



Date: 9.FEB.2023 23:09:48

Middle Channel / 20MHz+20MHz

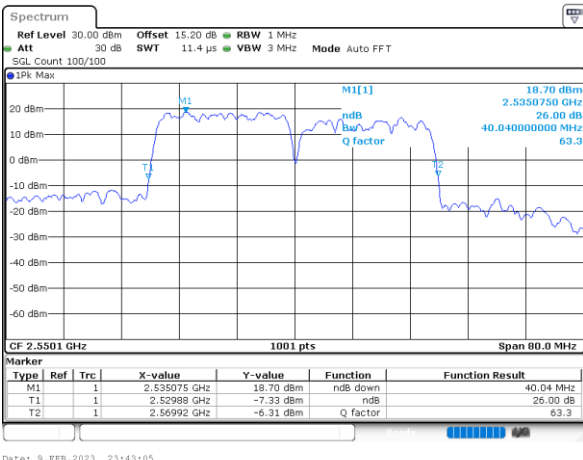
N/A



Date: 9.FEB.2023 23:10:23

Highest Channel / 20MHz+20MHz

N/A



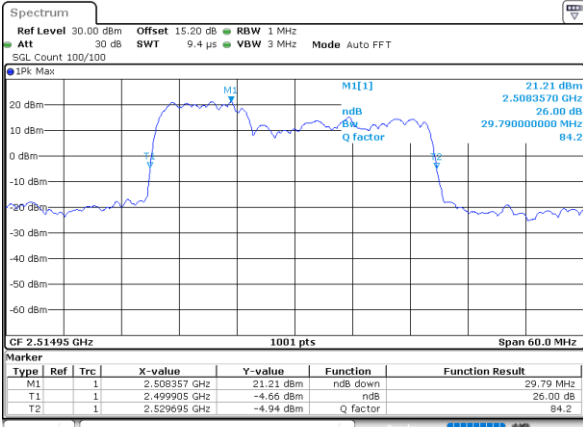
Date: 9.FEB.2023 23:43:05



LTE Band 7C

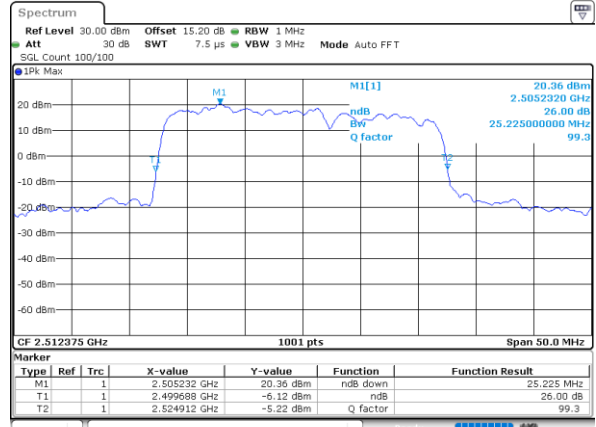
16QAM

Lowest Channel / 10MHz+20MHz



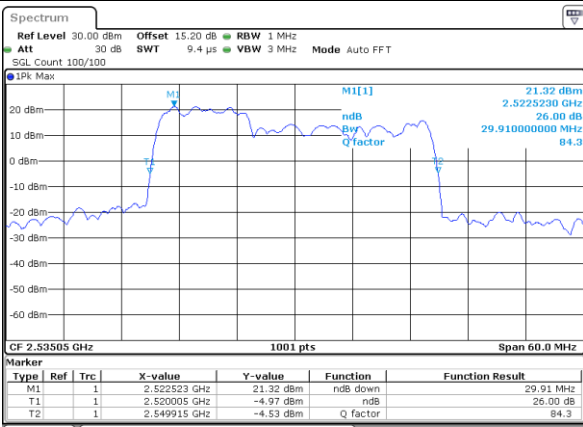
Date: 9.FEB.2023 18:30:07

Lowest Channel / 15MHz+10MHz



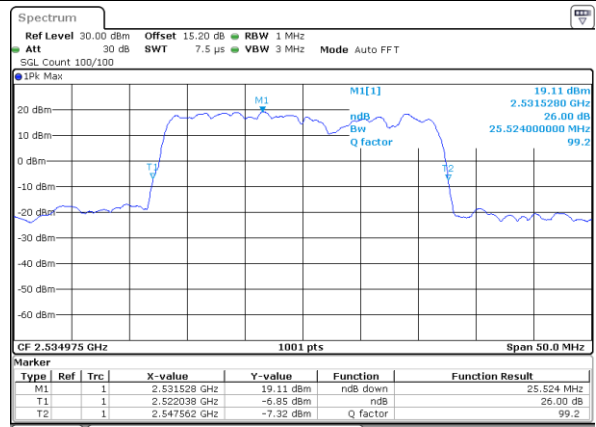
Date: 10.FEB.2023 01:01:24

Middle Channel / 10MHz+20MHz



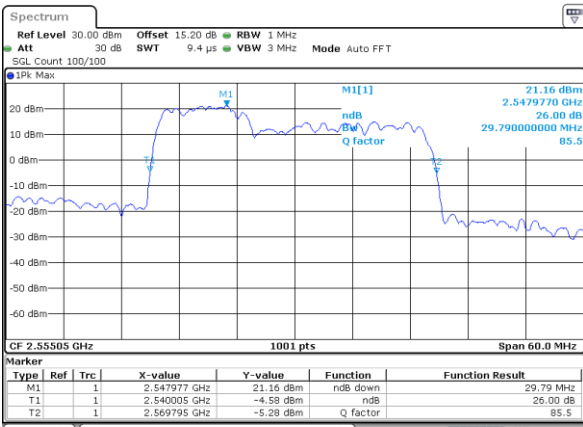
Date: 9.FEB.2023 18:50:37

Middle Channel / 15MHz+10MHz



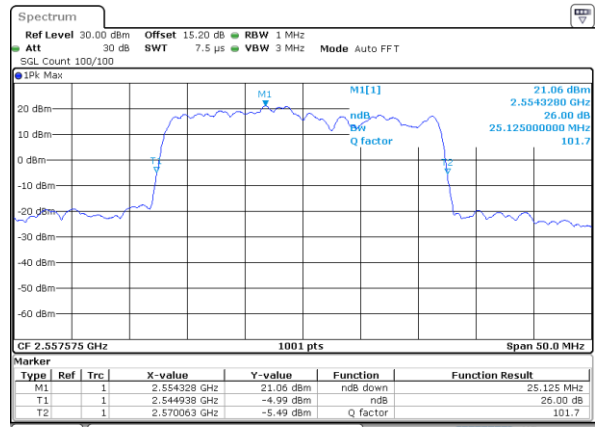
Date: 10.FEB.2023 01:21:58

Highest Channel / 10MHz+20MHz



Date: 9.FEB.2023 19:04:18

Highest Channel / 15MHz+10MHz



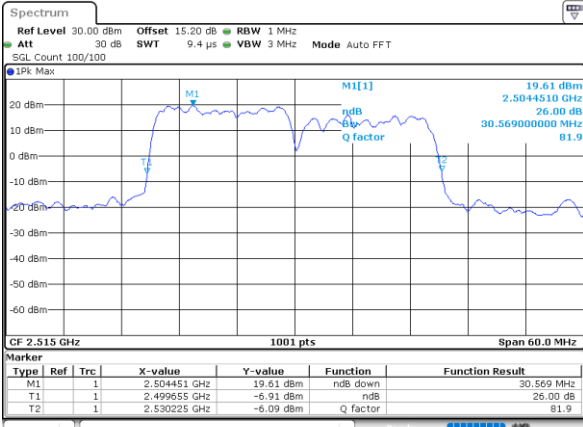
Date: 10.FEB.2023 01:35:38



LTE Band 7C

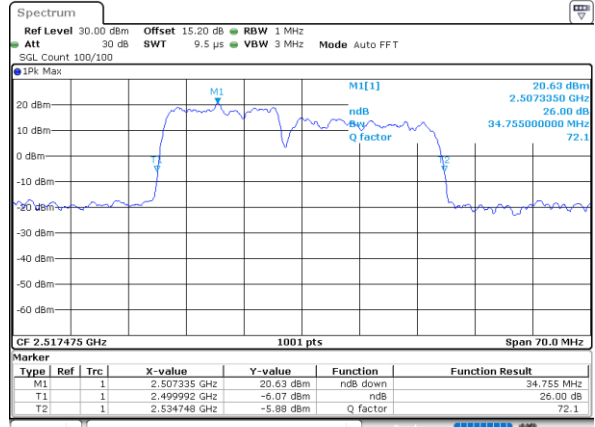
16QAM

Lowest Channel / 15MHz+15MHz



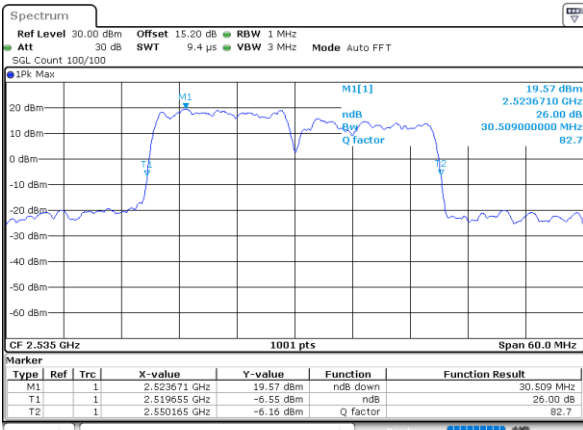
Date: 9.FEB.2023 20:25:03

Lowest Channel / 15MHz+20MHz



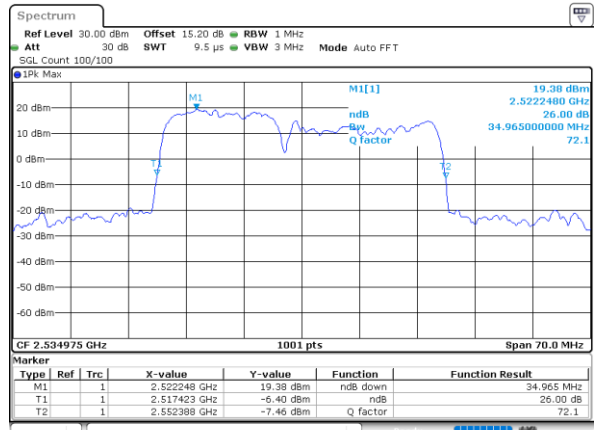
Date: 9.FEB.2023 21:19:48

Middle Channel / 15MHz+15MHz



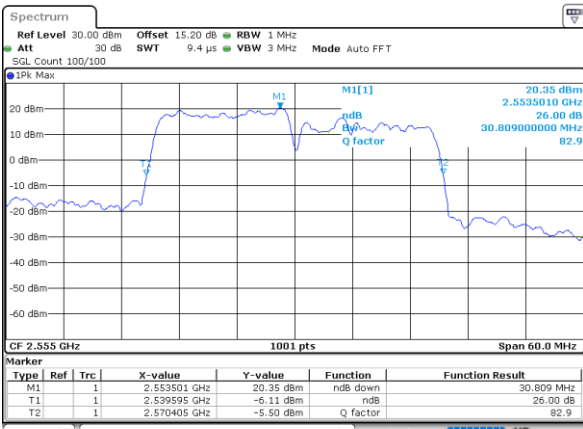
Date: 9.FEB.2023 20:45:34

Middle Channel / 15MHz+20MHz



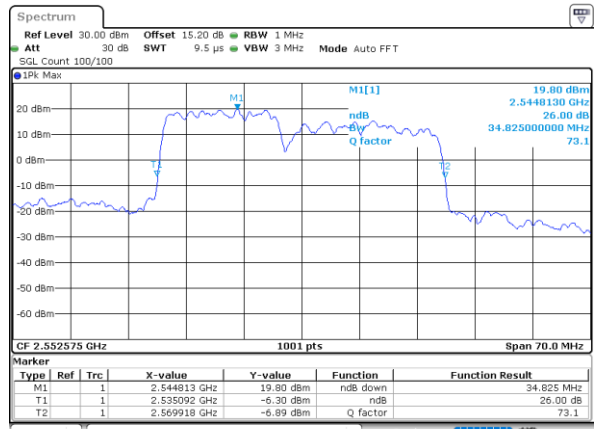
Date: 9.FEB.2023 21:40:21

Highest Channel / 15MHz+15MHz



Date: 9.FEB.2023 20:59:16

Highest Channel / 15MHz+20MHz



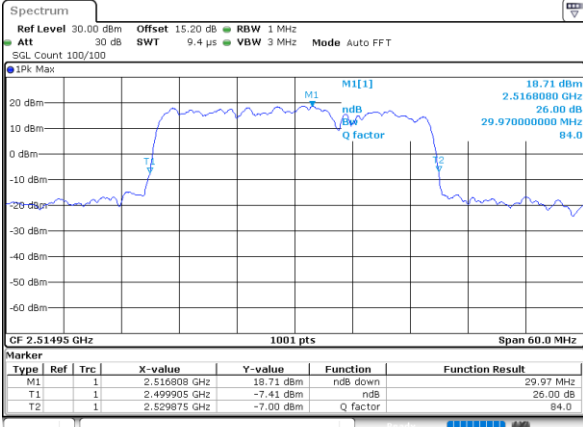
Date: 9.FEB.2023 21:54:03



LTE Band 7C

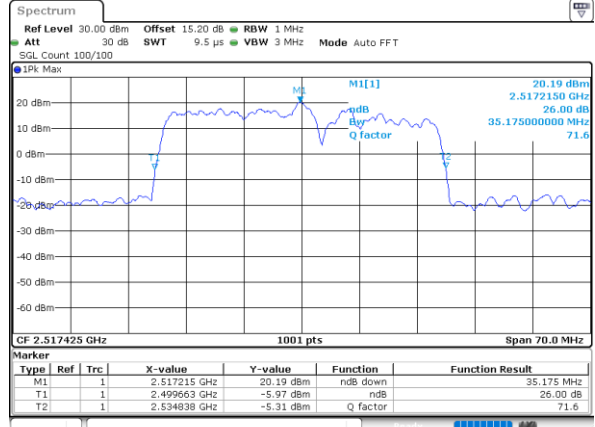
16QAM

Lowest Channel / 20MHz+10MHz



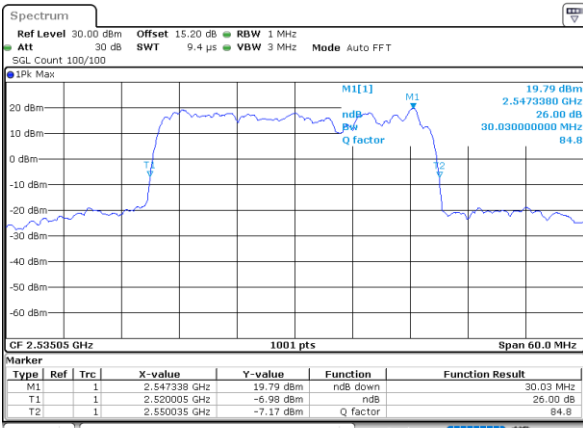
Date: 9.FEB.2023 19:30:06

Lowest Channel / 20MHz+15MHz



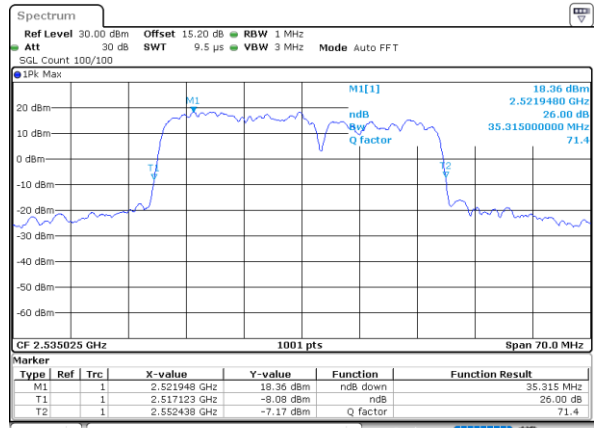
Date: 9.FEB.2023 22:14:34

Middle Channel / 20MHz+10MHz



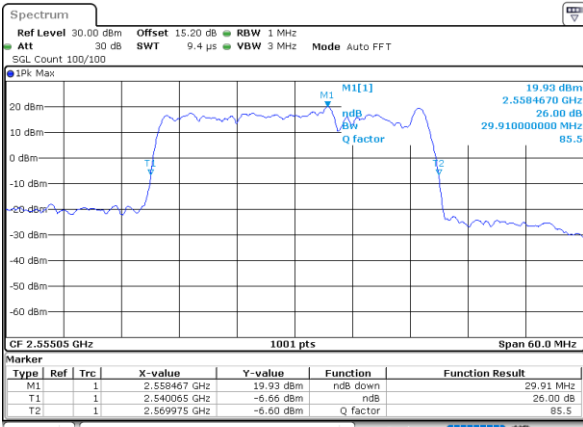
Date: 9.FEB.2023 19:50:38

Middle Channel / 20MHz+15MHz



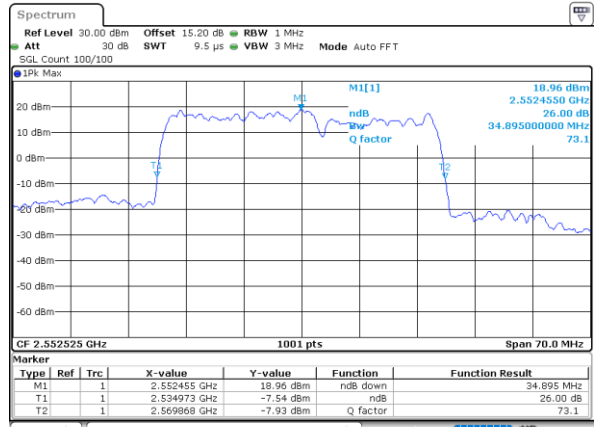
Date: 9.FEB.2023 22:35:05

Highest Channel / 20MHz+10MHz



Date: 9.FEB.2023 20:04:26

Highest Channel / 20MHz+15MHz



Date: 9.FEB.2023 22:48:46

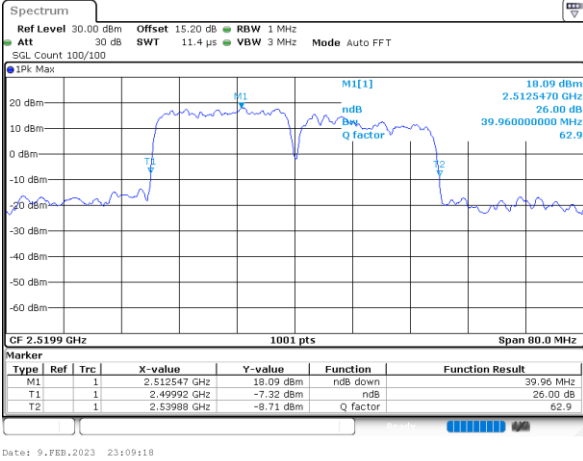


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

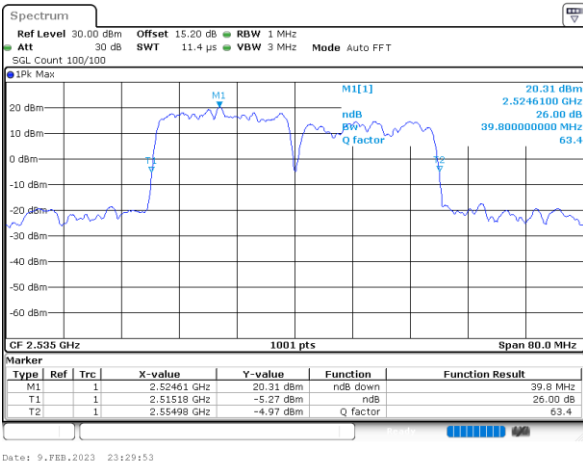
N/A



Date: 9.FEB.2023 23:09:18

Middle Channel / 20MHz+20MHz

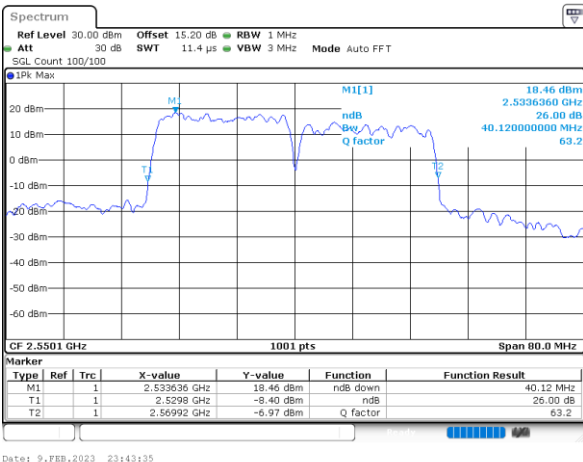
N/A



Date: 9.FEB.2023 23:29:53

Highest Channel / 20MHz+20MHz

N/A



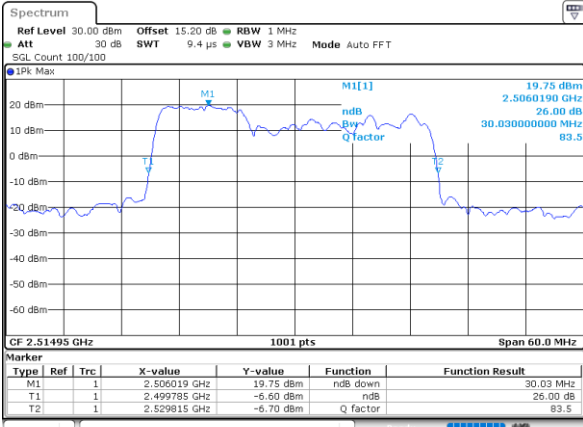
Date: 9.FEB.2023 23:43:35



LTE Band 7C

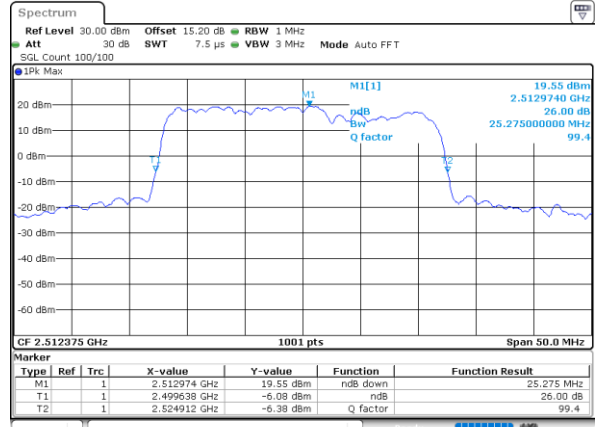
64QAM

Lowest Channel / 10MHz+20MHz



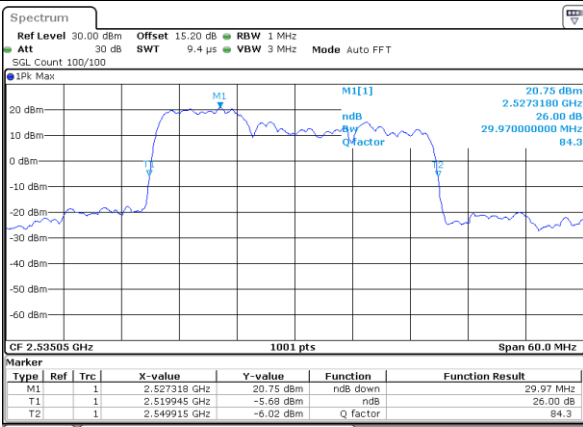
Date: 9.FEB.2023 18:29:37

Lowest Channel / 15MHz+10MHz



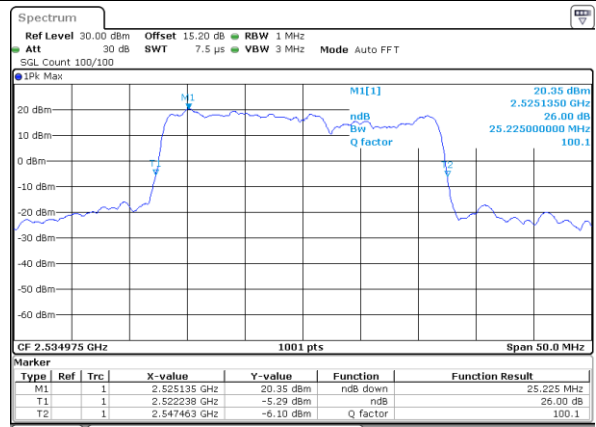
Date: 10.FEB.2023 01:00:54

Middle Channel / 10MHz+20MHz



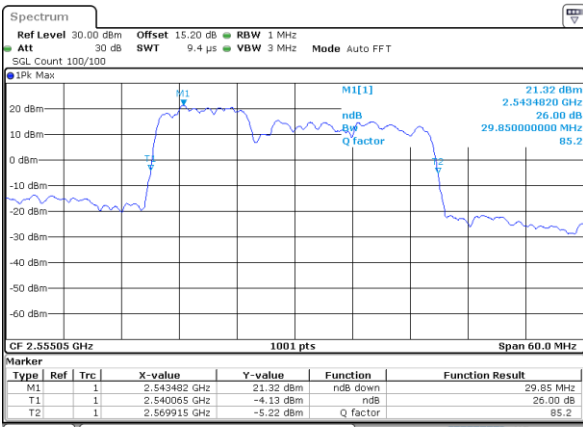
Date: 9.FEB.2023 18:50:07

Middle Channel / 15MHz+10MHz



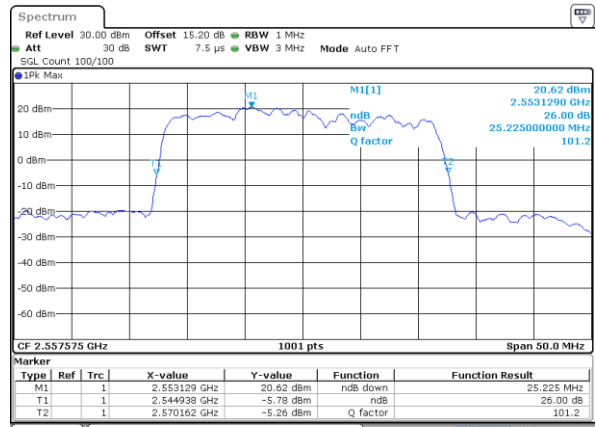
Date: 10.FEB.2023 01:21:28

Highest Channel / 10MHz+20MHz



Date: 9.FEB.2023 19:04:49

Highest Channel / 15MHz+10MHz



Date: 10.FEB.2023 01:36:08

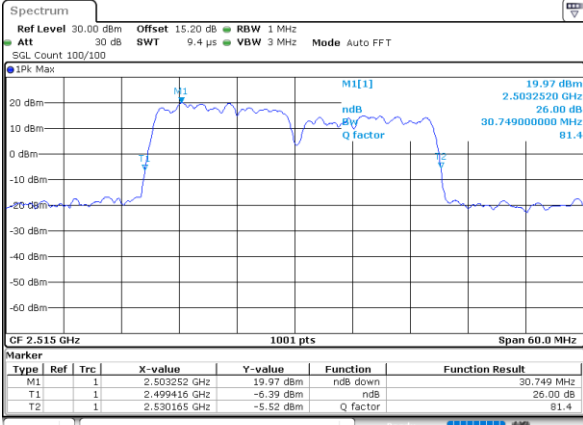




LTE Band 7C

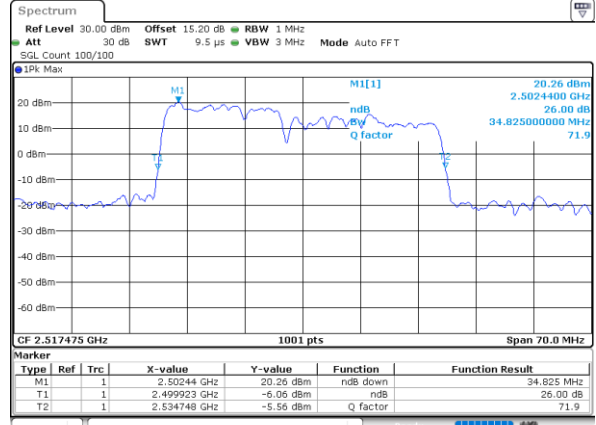
64QAM

Lowest Channel / 15MHz+15MHz



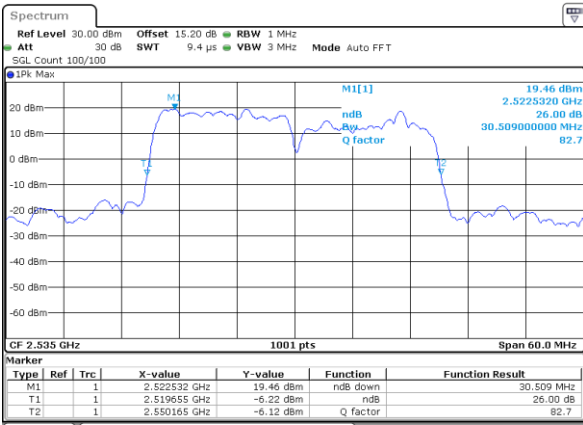
Date: 9.FEB.2023 20:24:33

Lowest Channel / 15MHz+20MHz



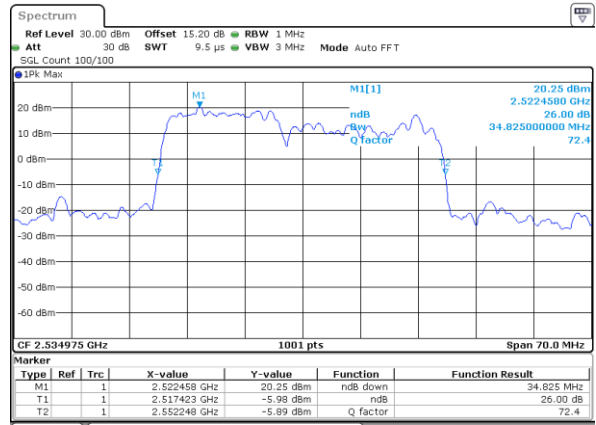
Date: 9.FEB.2023 21:19:18

Middle Channel / 15MHz+15MHz



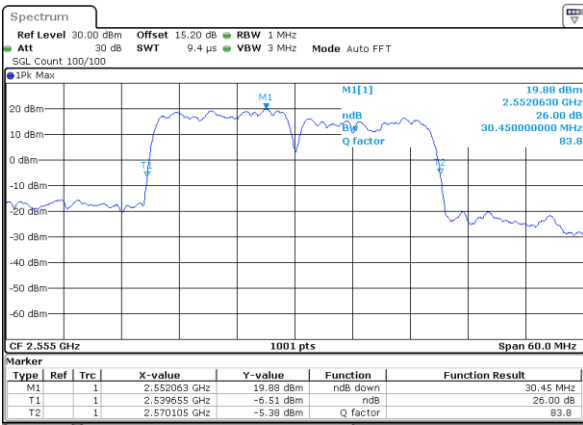
Date: 9.FEB.2023 20:45:04

Middle Channel / 15MHz+20MHz



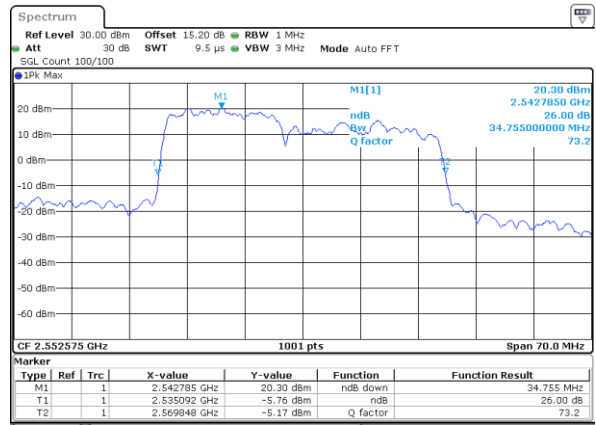
Date: 9.FEB.2023 21:19:51

Highest Channel / 15MHz+15MHz



Date: 9.FEB.2023 20:59:46

Highest Channel / 15MHz+20MHz



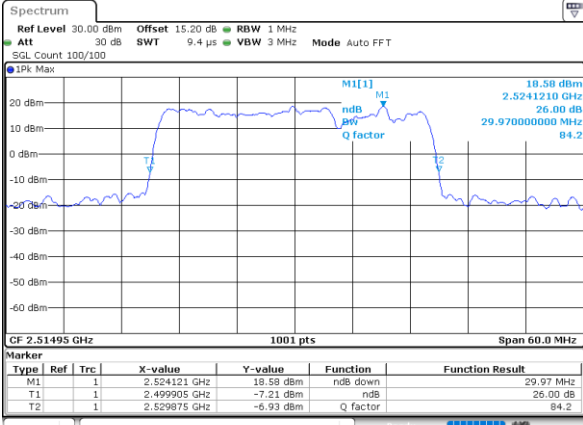
Date: 9.FEB.2023 21:54:33



LTE Band 7C

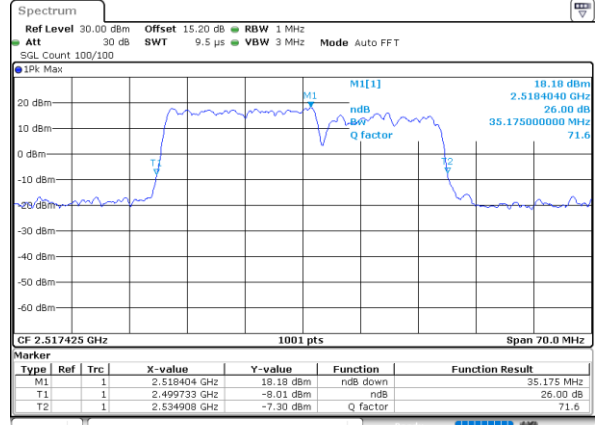
64QAM

Lowest Channel / 20MHz+10MHz



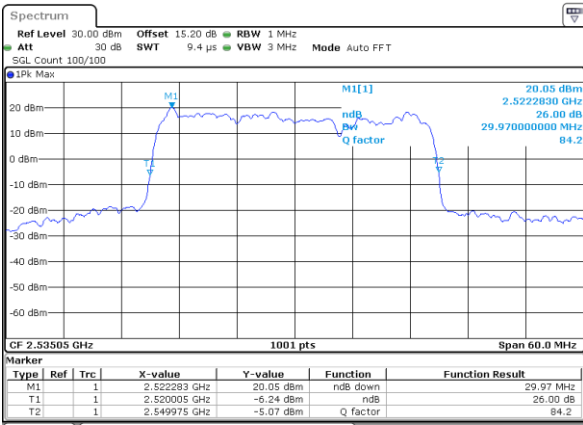
Date: 9.FEB.2023 19:29:36

Lowest Channel / 20MHz+15MHz



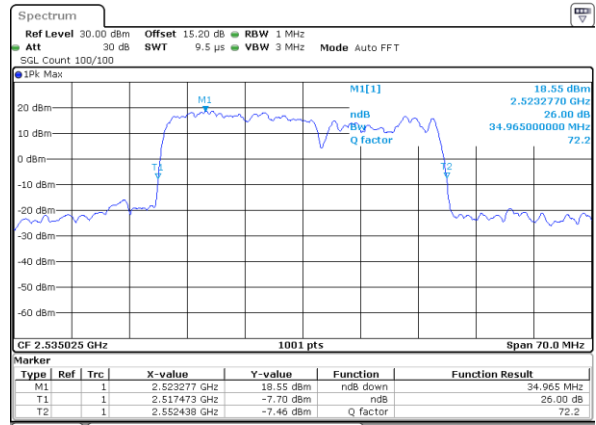
Date: 9.FEB.2023 22:14:04

Middle Channel / 20MHz+10MHz



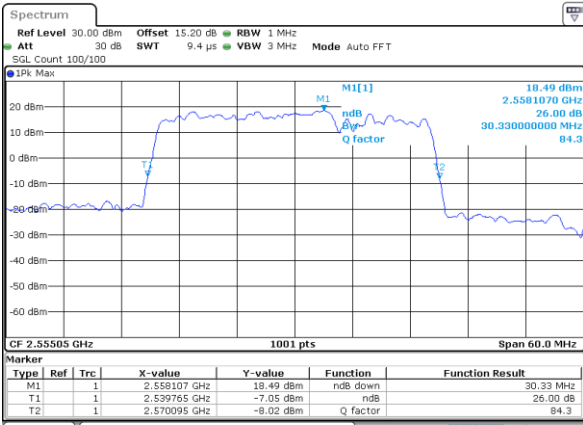
Date: 9.FEB.2023 19:50:08

Middle Channel / 20MHz+15MHz



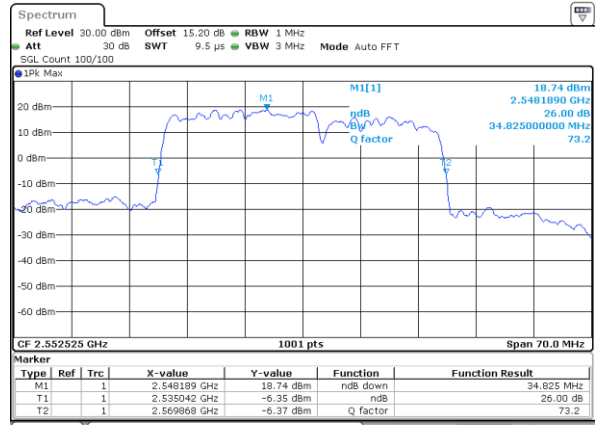
Date: 9.FEB.2023 22:34:35

Highest Channel / 20MHz+10MHz



Date: 9.FEB.2023 20:04:57

Highest Channel / 20MHz+15MHz



Date: 9.FEB.2023 22:49:16

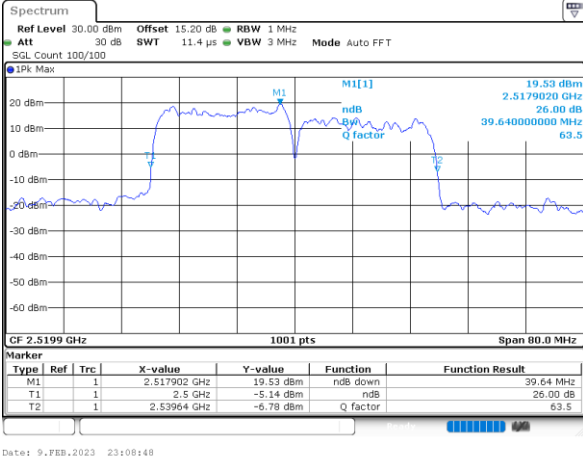


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

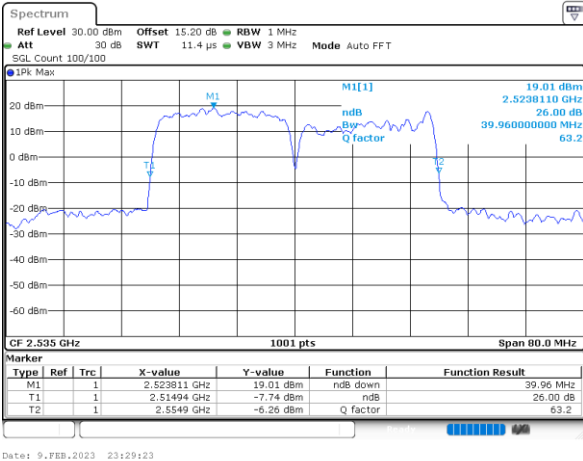
N/A



Date: 9.FEB.2023 23:08:48

Middle Channel / 20MHz+20MHz

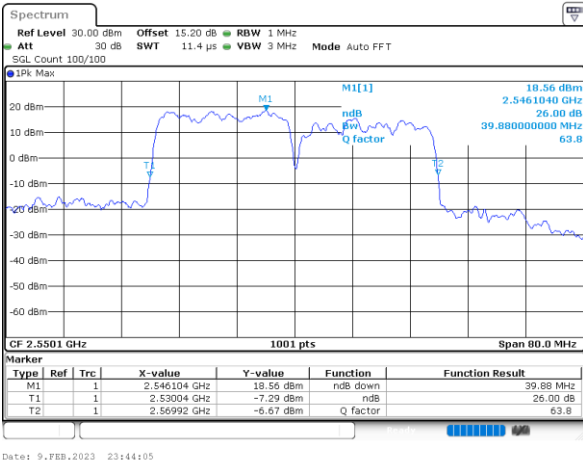
N/A



Date: 9.FEB.2023 23:29:23

Highest Channel / 20MHz+20MHz

N/A



Date: 9.FEB.2023 23:44:05



### Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.99	23.53	28.65	33.01
Middle CH	27.75	23.43	28.71	32.73
Highest CH	28.05	23.23	28.41	32.59
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.35	32.73	37.88	-
Middle CH	28.05	32.87	37.72	-
Highest CH	27.81	32.66	37.64	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	28.11	23.63	28.47	32.59
Middle CH	28.11	23.53	28.59	32.66
Highest CH	27.87	23.68	28.41	32.52
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.99	32.73	37.80	-
Middle CH	28.23	32.66	37.80	-
Highest CH	27.75	33.15	37.72	-

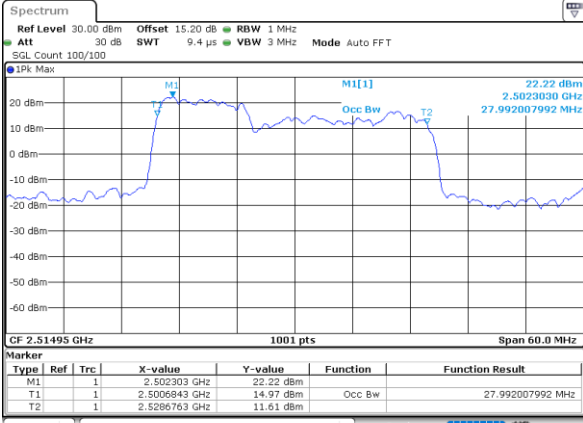
Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	28.23	23.53	28.29	32.80
Middle CH	27.93	23.48	28.59	32.66
Highest CH	27.99	23.23	28.65	32.80
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	28.23	32.52	37.40	-
Middle CH	28.11	32.80	37.88	-
Highest CH	27.81	32.52	37.40	-



LTE Band 7C

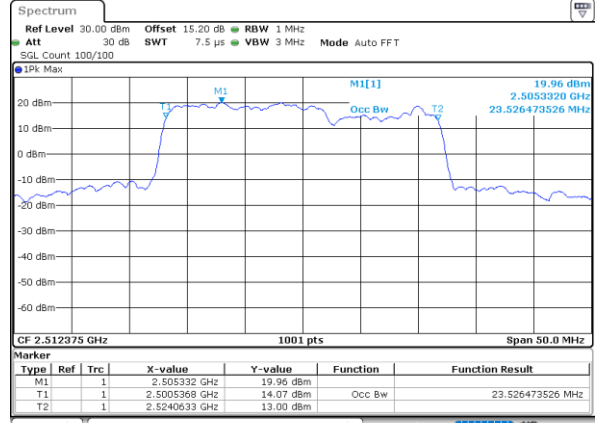
QPSK

Lowest Channel / 10MHz+20MHz



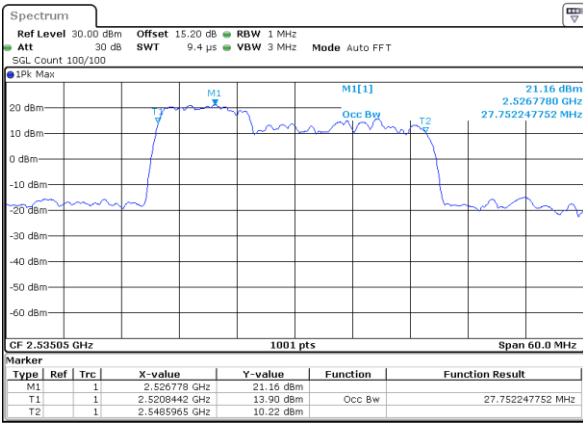
Date: 9.FEB.2023 18:28:06

Lowest Channel / 15MHz+10MHz



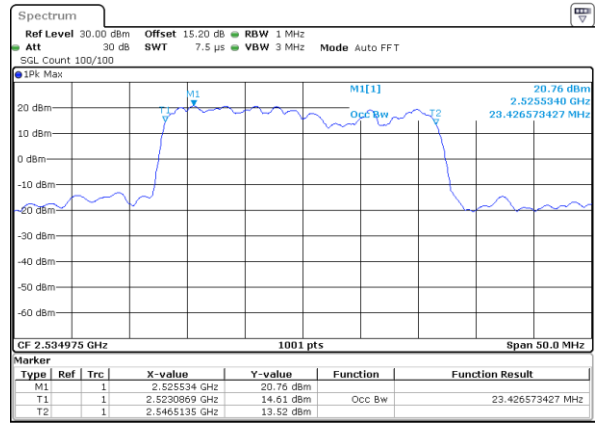
Date: 10.FEB.2023 00:59:25

Middle Channel / 10MHz+20MHz



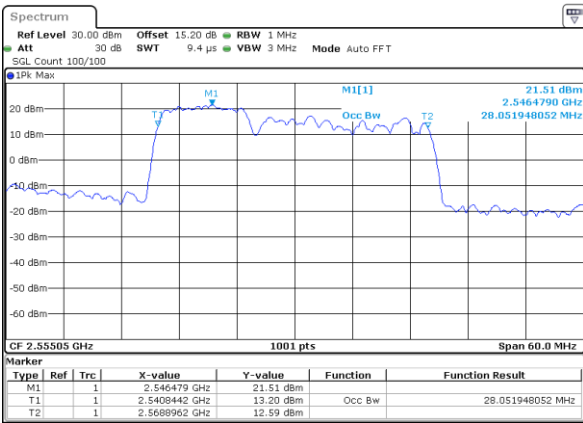
Date: 9.FEB.2023 18:48:37

Middle Channel / 15MHz+10MHz



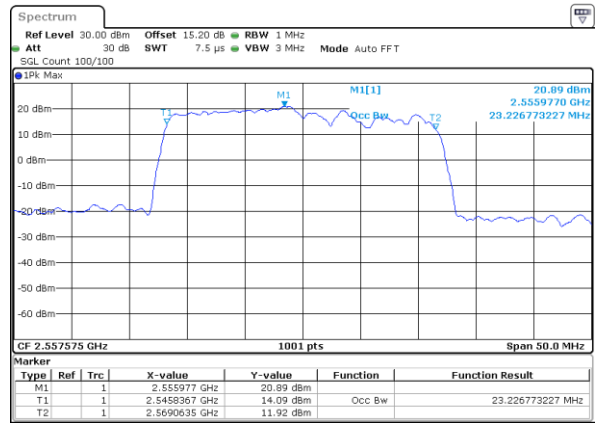
Date: 10.FEB.2023 01:19:58

Highest Channel / 10MHz+20MHz



Date: 9.FEB.2023 19:03:19

Highest Channel / 15MHz+10MHz



Date: 10.FEB.2023 01:34:39