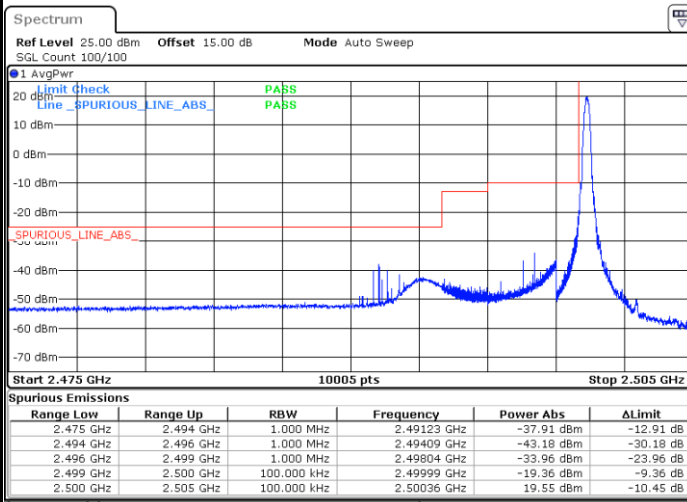




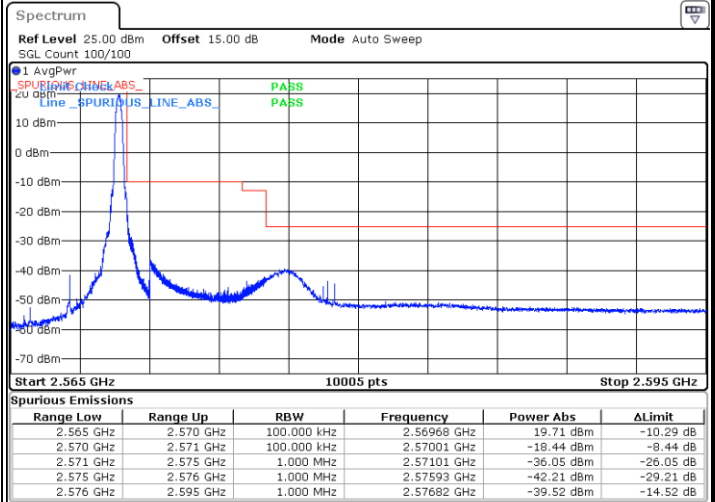
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



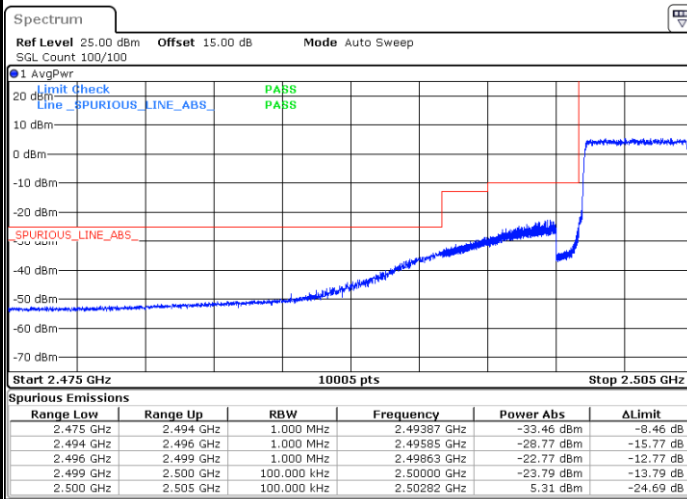
Date: 20.MAR.2023 16:41:32

Highest Band Edge / 1 RB



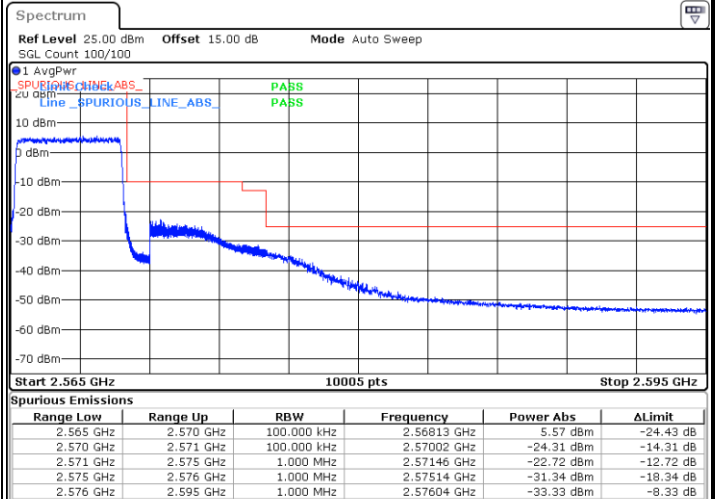
Date: 20.MAR.2023 16:55:03

Lowest Band Edge / Full RB



Date: 20.MAR.2023 16:42:23

Highest Band Edge / Full RB



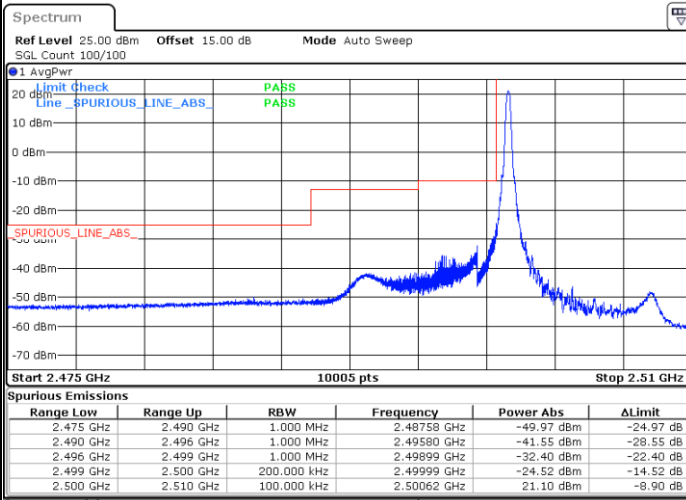
Date: 20.MAR.2023 16:55:54



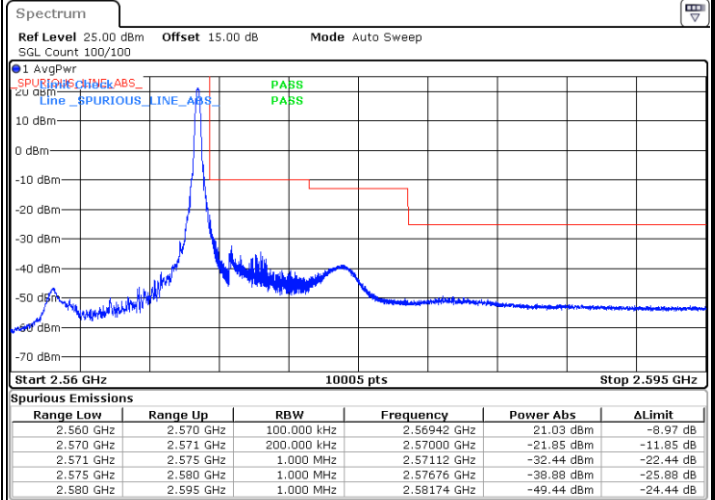
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



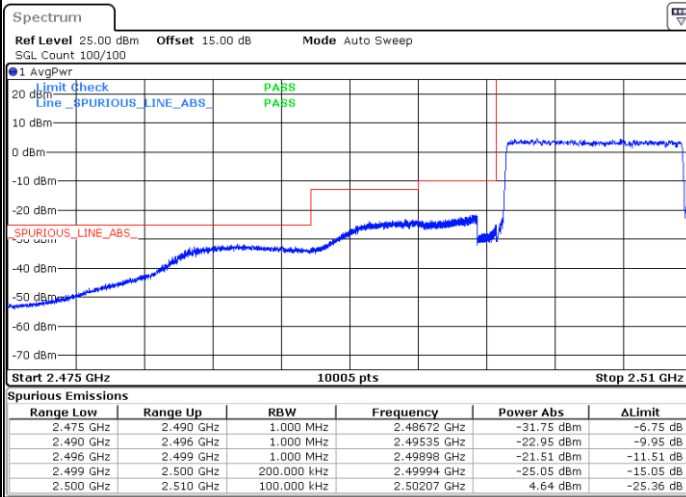
Date: 20.MAR.2023 16:59:36



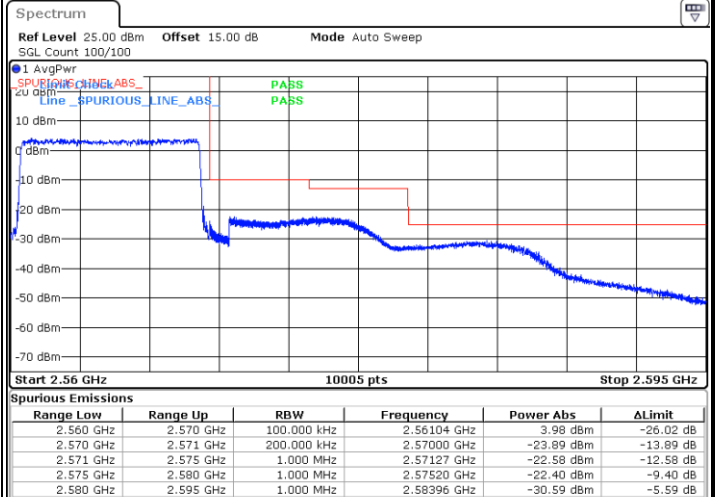
Date: 20.MAR.2023 17:10:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.MAR.2023 17:01:18



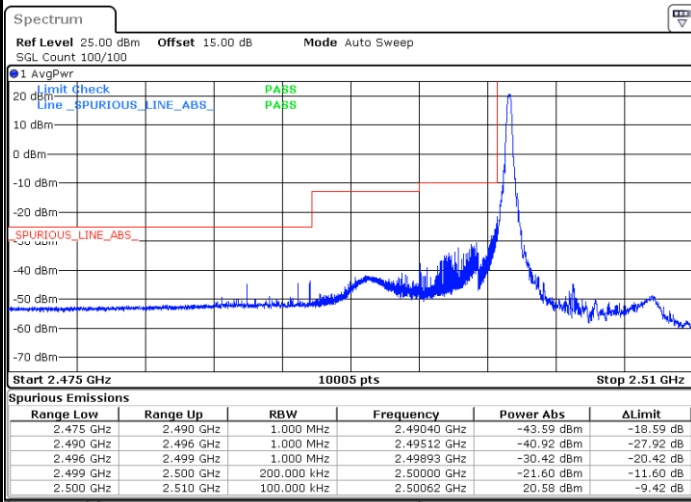
Date: 20.MAR.2023 17:12:39



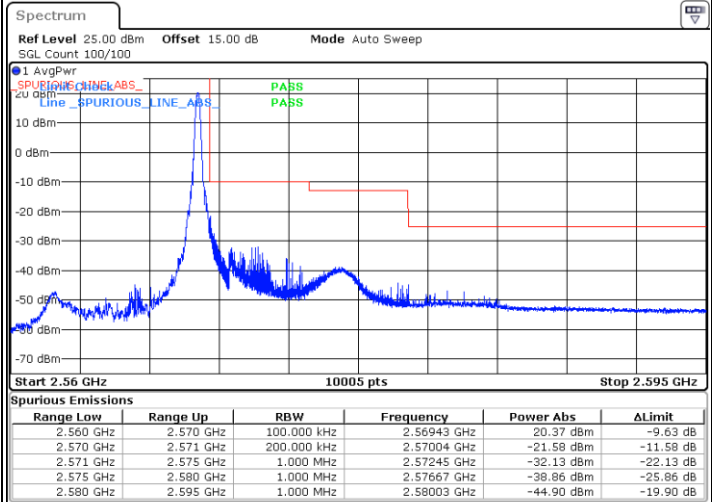
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



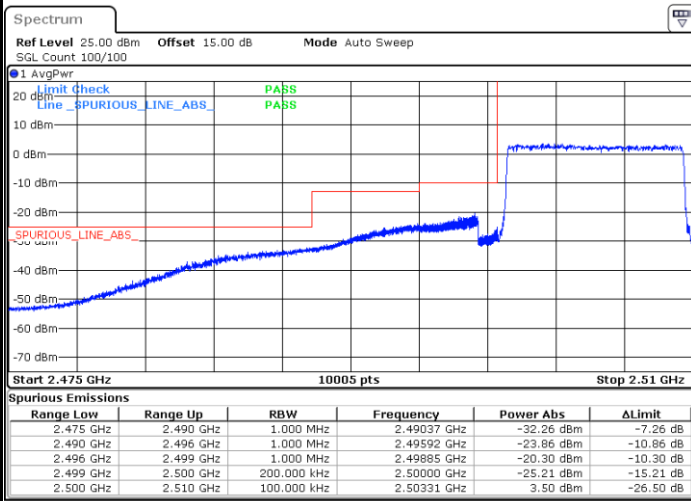
Date: 20.MAR.2023 17:00:26



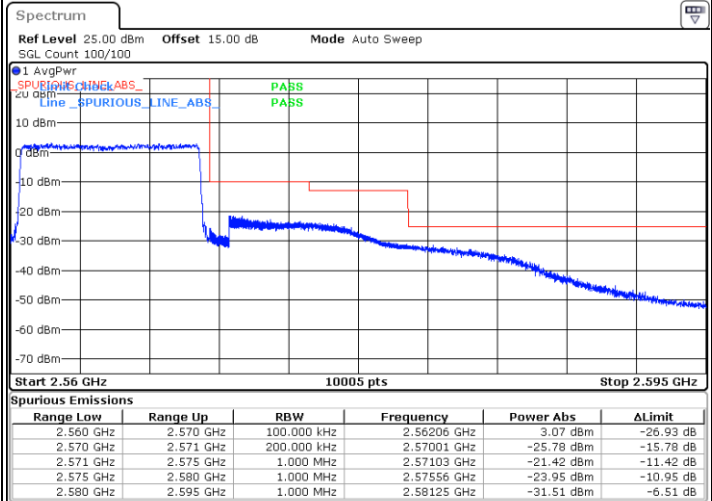
Date: 20.MAR.2023 17:11:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.MAR.2023 17:02:08

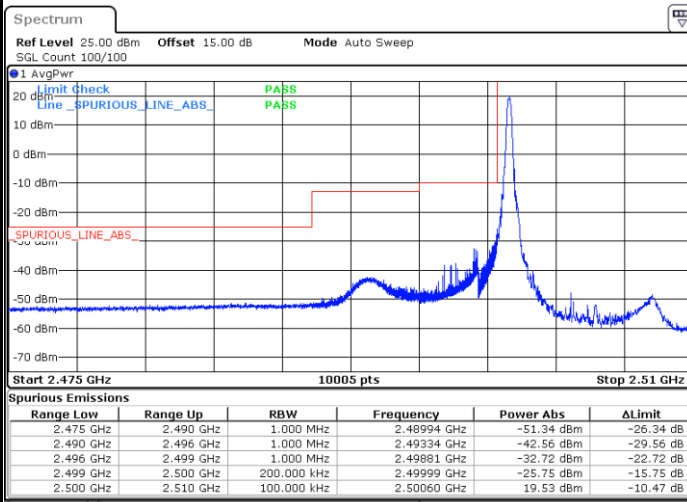


Date: 20.MAR.2023 17:13:29



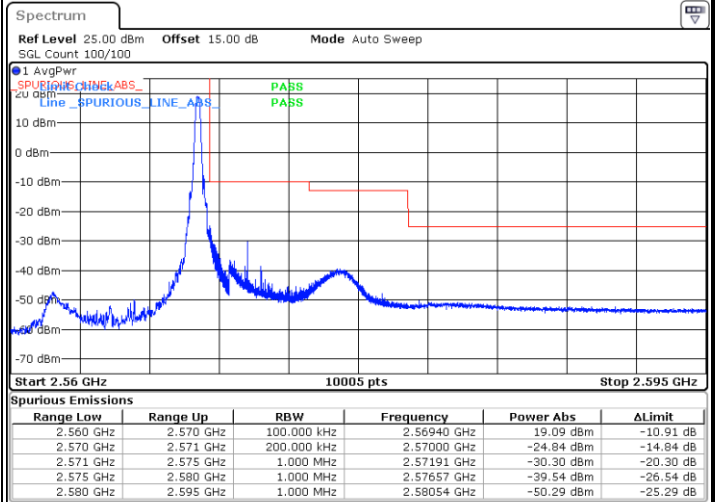
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



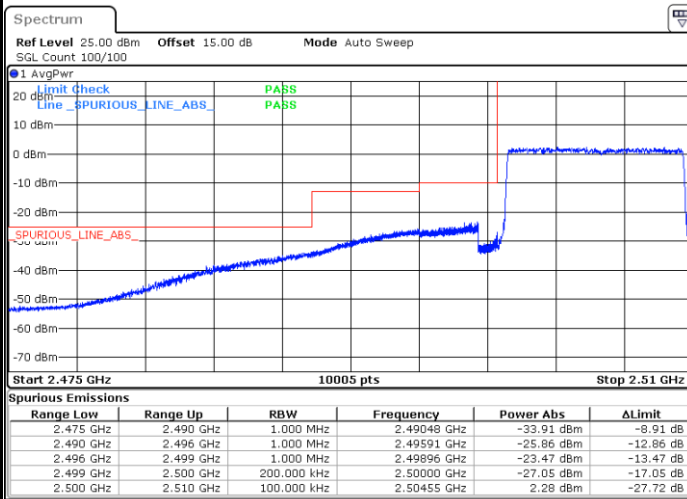
Date: 20.MAR.2023 17:17:23

Highest Band Edge / 1 RB



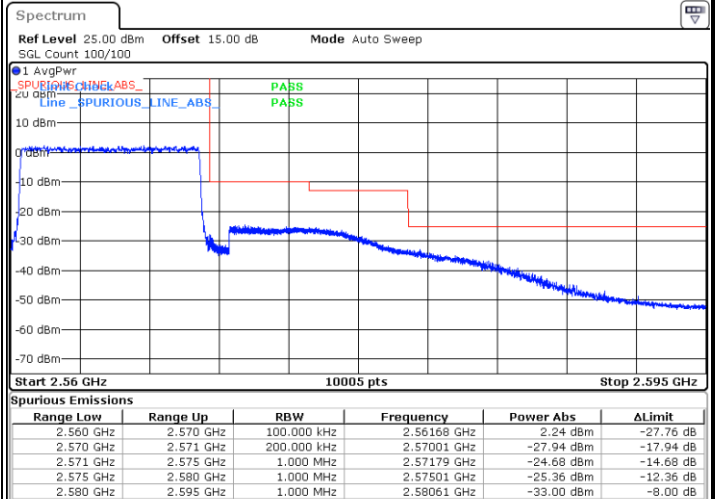
Date: 20.MAR.2023 17:22:45

Lowest Band Edge / Full RB



Date: 20.MAR.2023 17:18:14

Highest Band Edge / Full RB

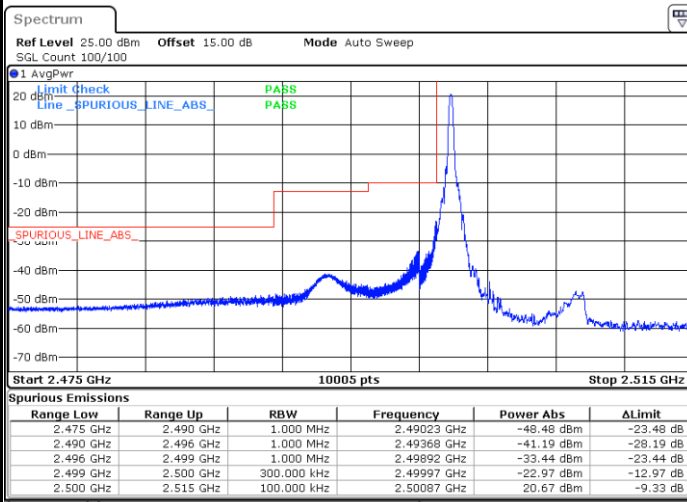


Date: 20.MAR.2023 17:23:36



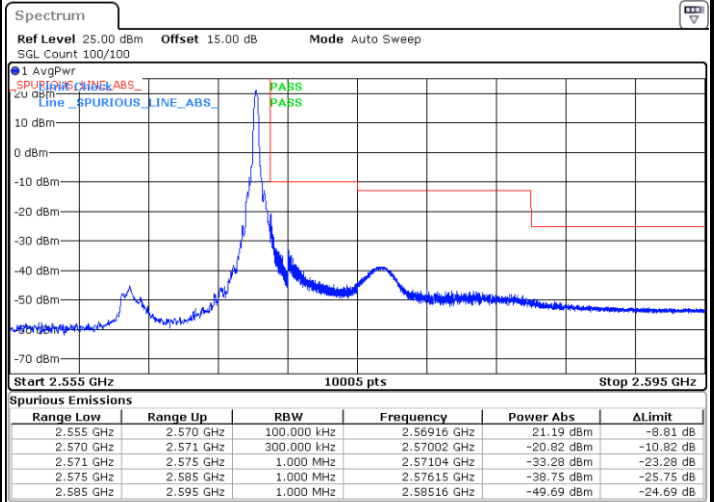
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



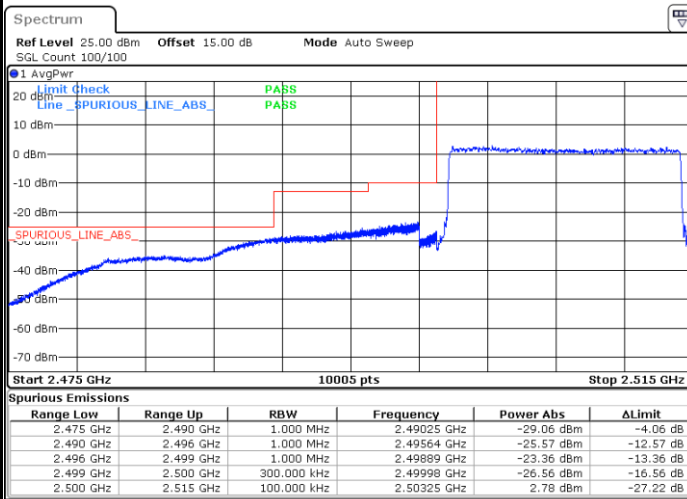
Date: 20.MAR.2023 17:27:17

Highest Band Edge / 1 RB



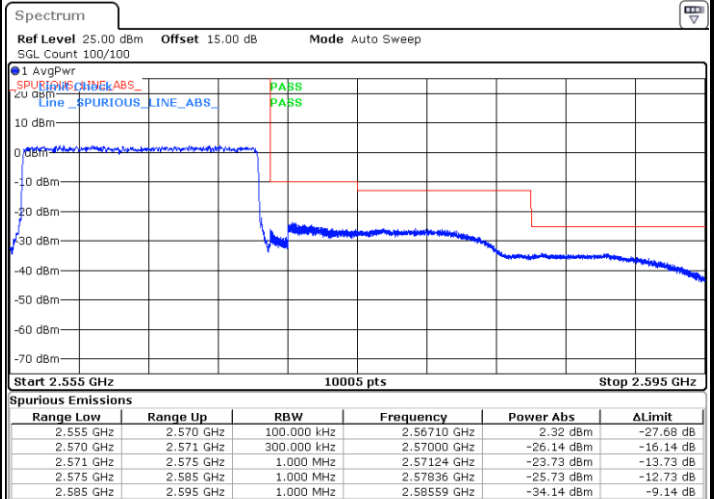
Date: 20.MAR.2023 17:38:39

Lowest Band Edge / Full RB



Date: 20.MAR.2023 17:29:00

Highest Band Edge / Full RB

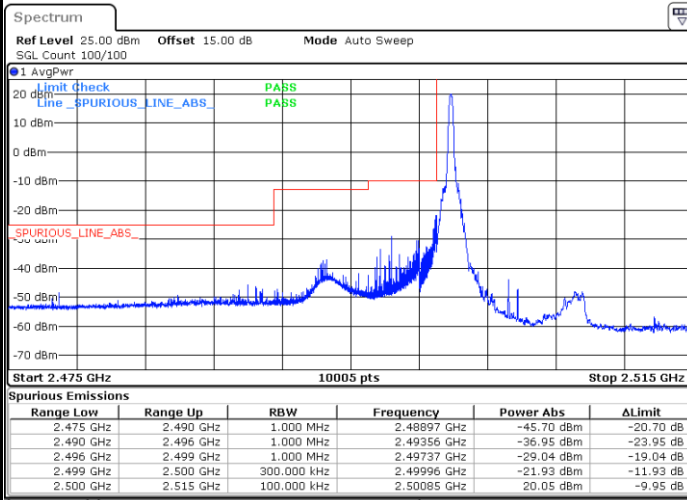


Date: 20.MAR.2023 17:40:20



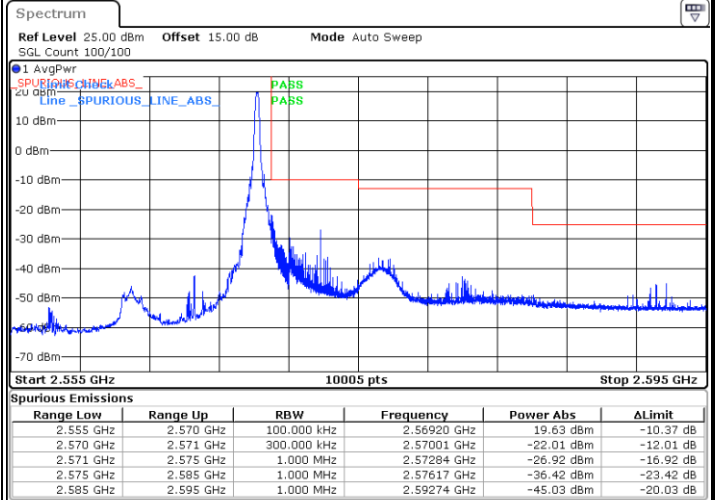
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



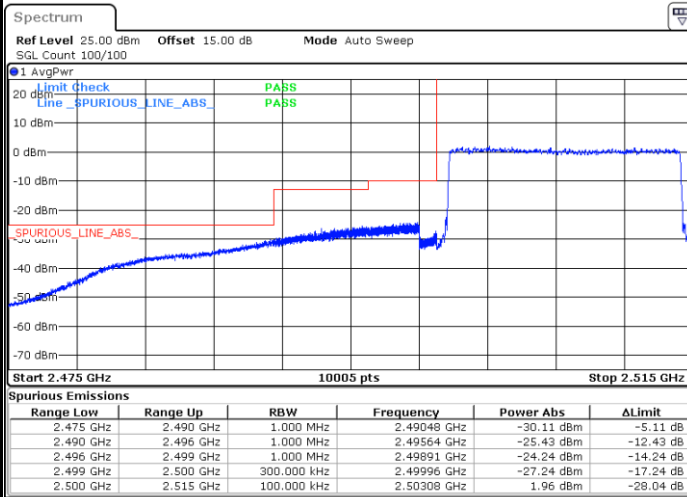
Date: 20.MAR.2023 17:28:08

Highest Band Edge / 1 RB



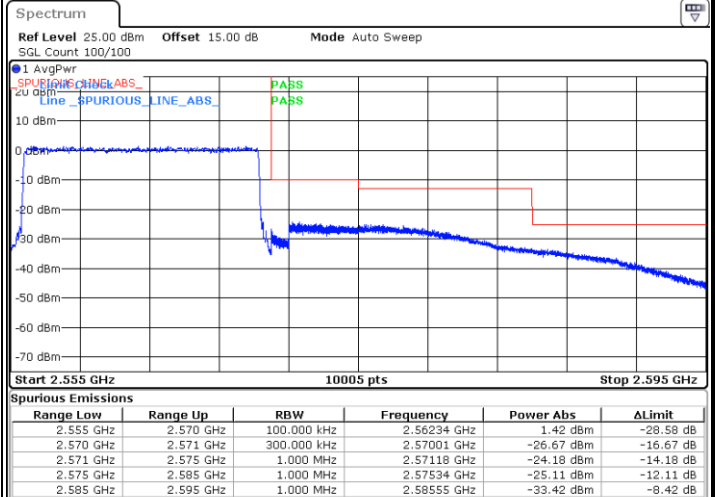
Date: 20.MAR.2023 17:39:29

Lowest Band Edge / Full RB



Date: 20.MAR.2023 17:29:51

Highest Band Edge / Full RB

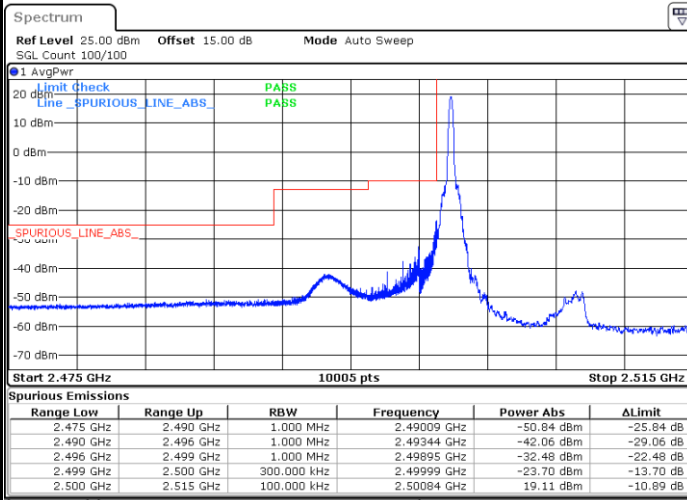


Date: 20.MAR.2023 17:41:11



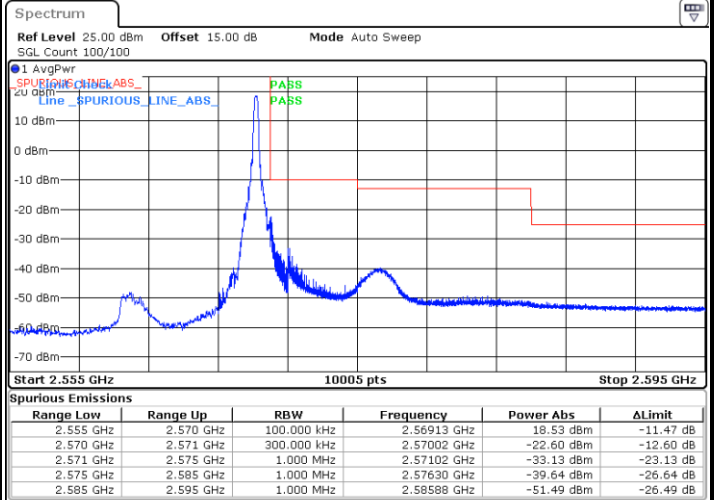
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



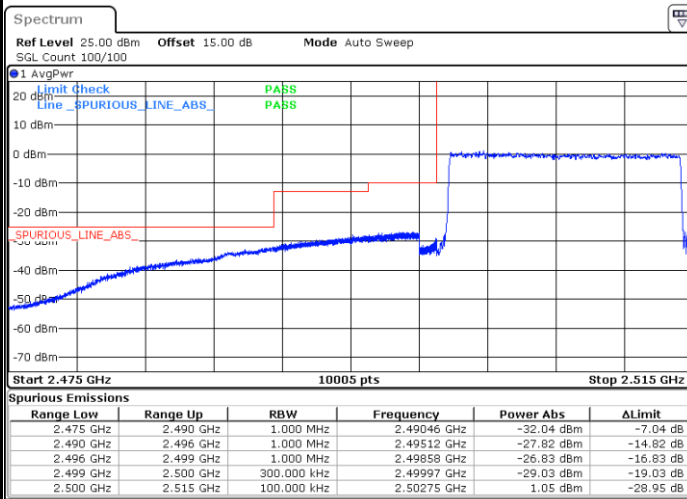
Date: 20.MAR.2023 17:45:05

Highest Band Edge / 1 RB



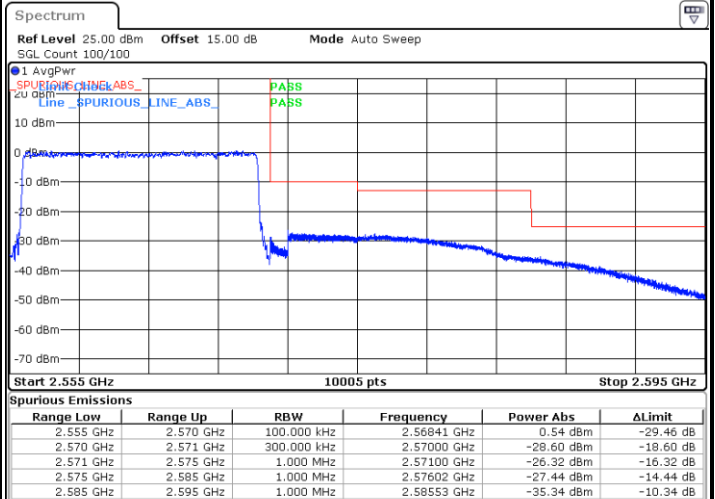
Date: 20.MAR.2023 17:50:28

Lowest Band Edge / Full RB



Date: 20.MAR.2023 17:45:17

Highest Band Edge / Full RB



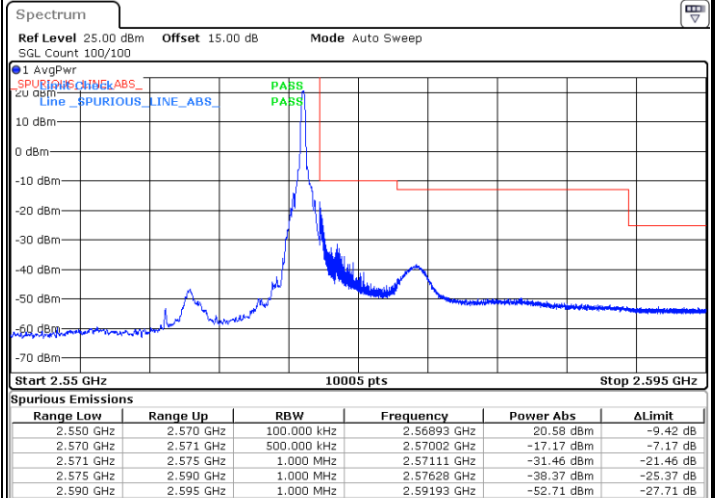
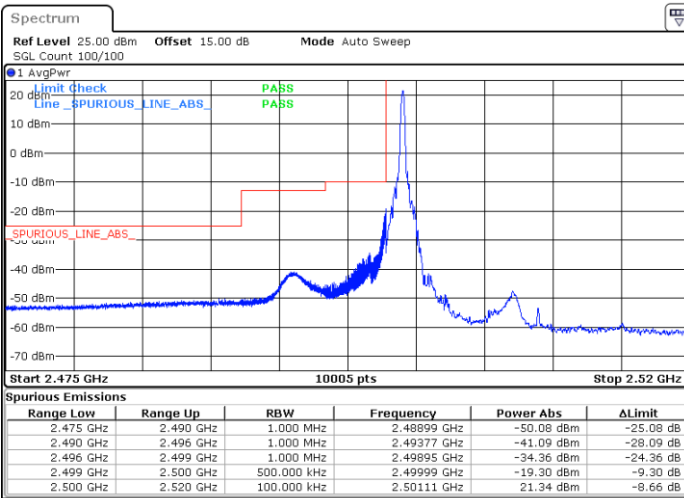
Date: 20.MAR.2023 17:51:19



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

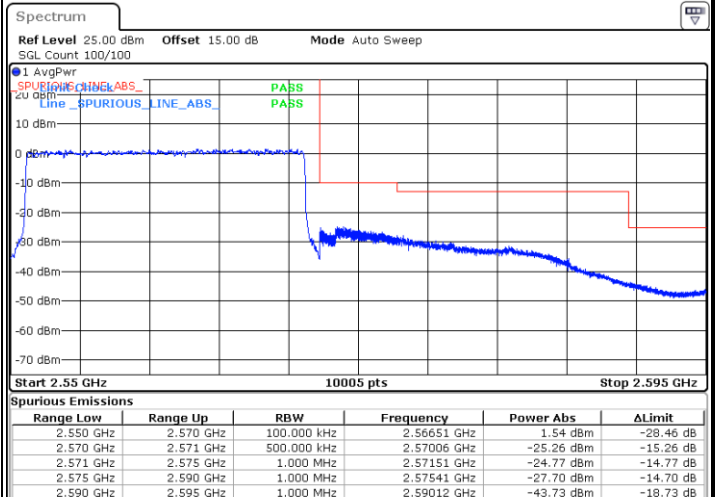
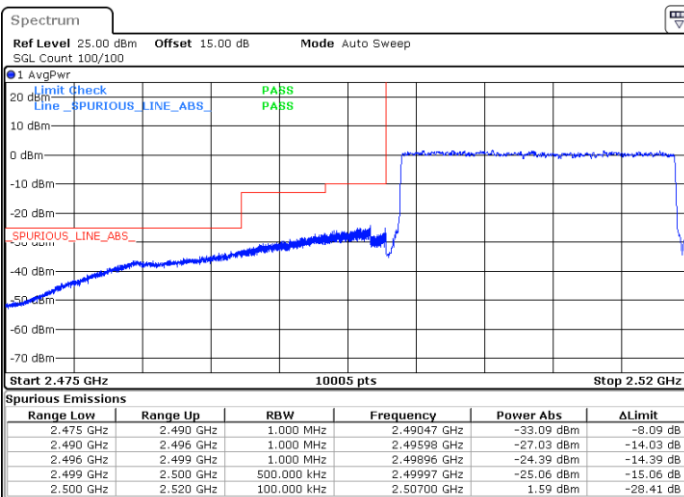


Date: 20.MAR.2023 17:55:00

Date: 20.MAR.2023 19:47:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.MAR.2023 19:38:13

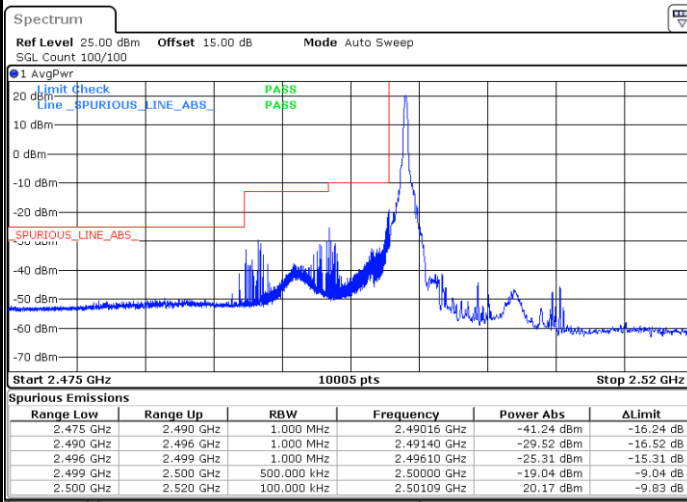
Date: 20.MAR.2023 19:50:30





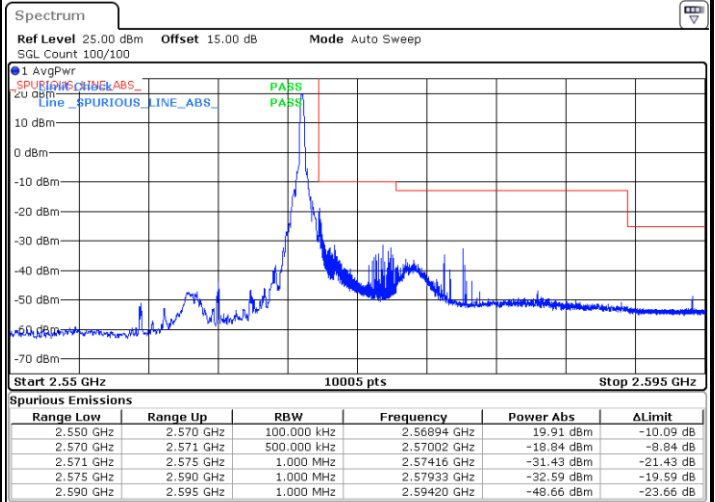
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



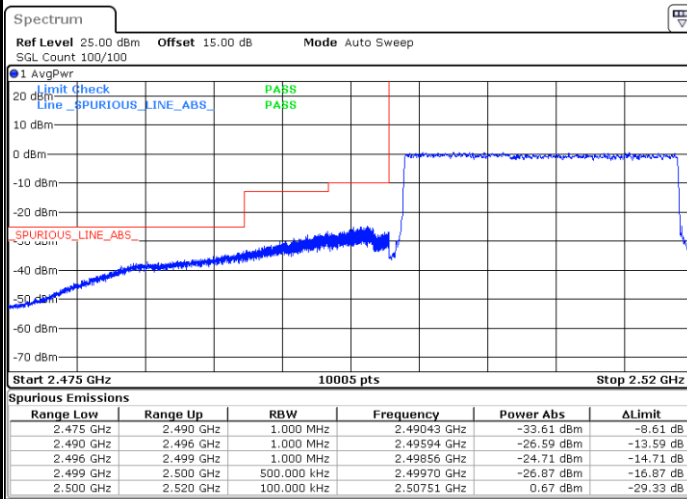
Date: 20.MAR.2023 17:55:52

Highest Band Edge / 1RB



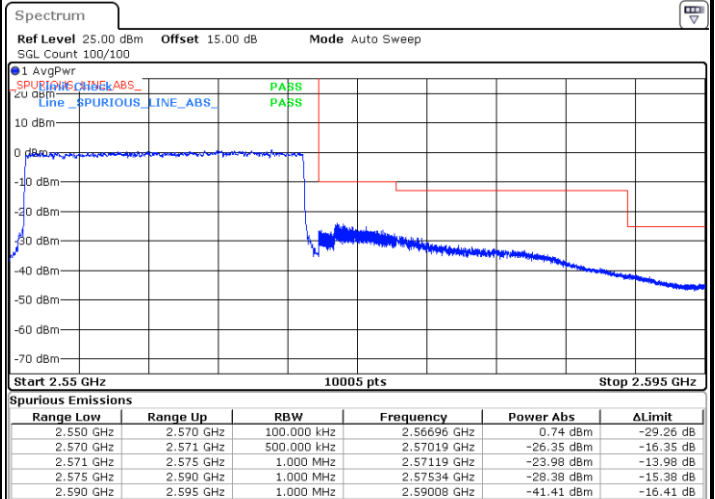
Date: 20.MAR.2023 19:48:48

Lowest Band Edge / Full RB



Date: 20.MAR.2023 19:39:06

Highest Band Edge / Full RB

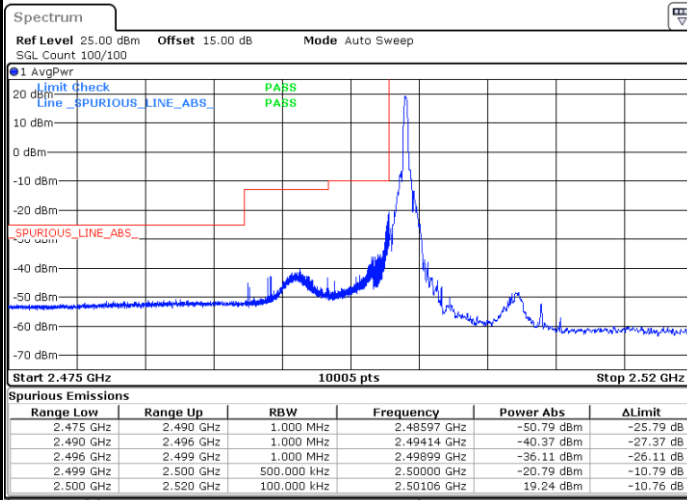


Date: 20.MAR.2023 19:49:39



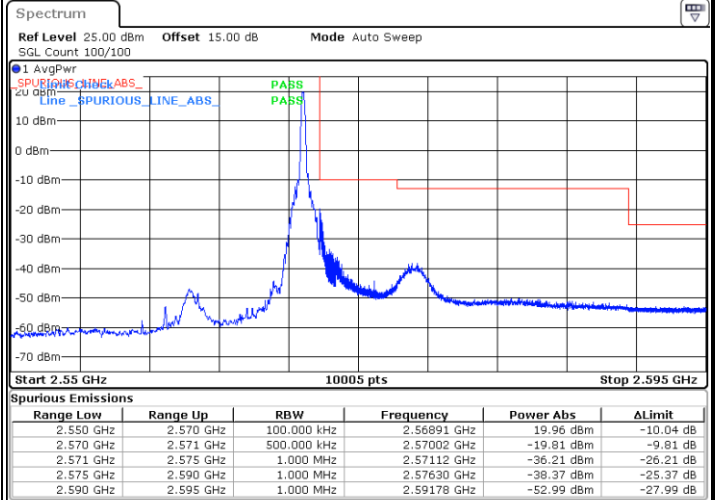
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



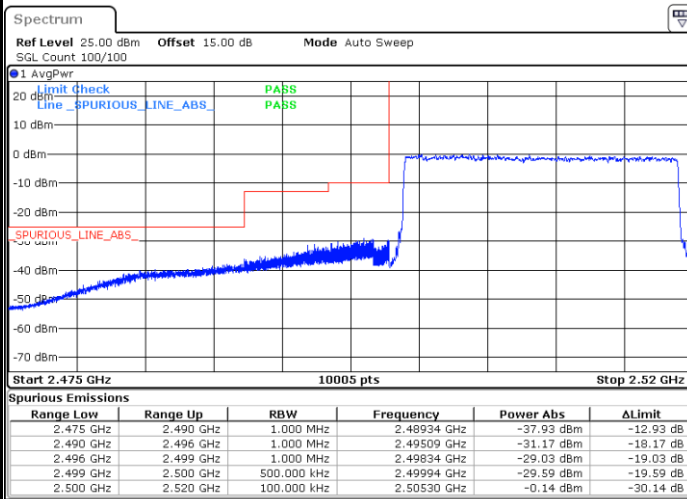
Date: 20.MAR.2023 19:54:24

Highest Band Edge / 1 RB



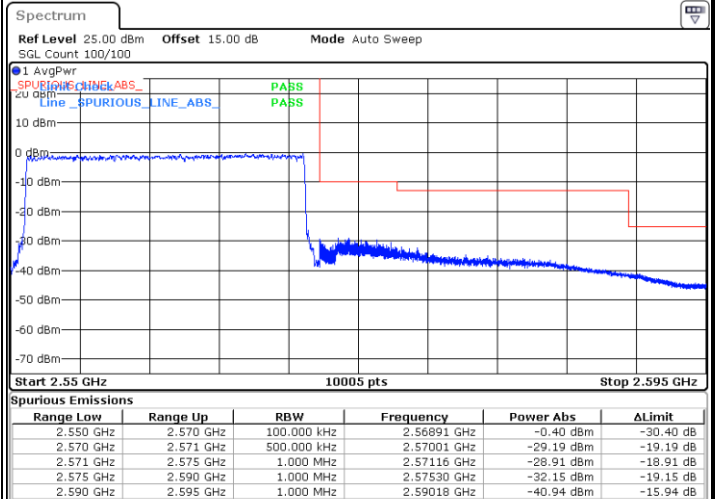
Date: 20.MAR.2023 19:59:50

Lowest Band Edge / Full RB



Date: 20.MAR.2023 19:55:15

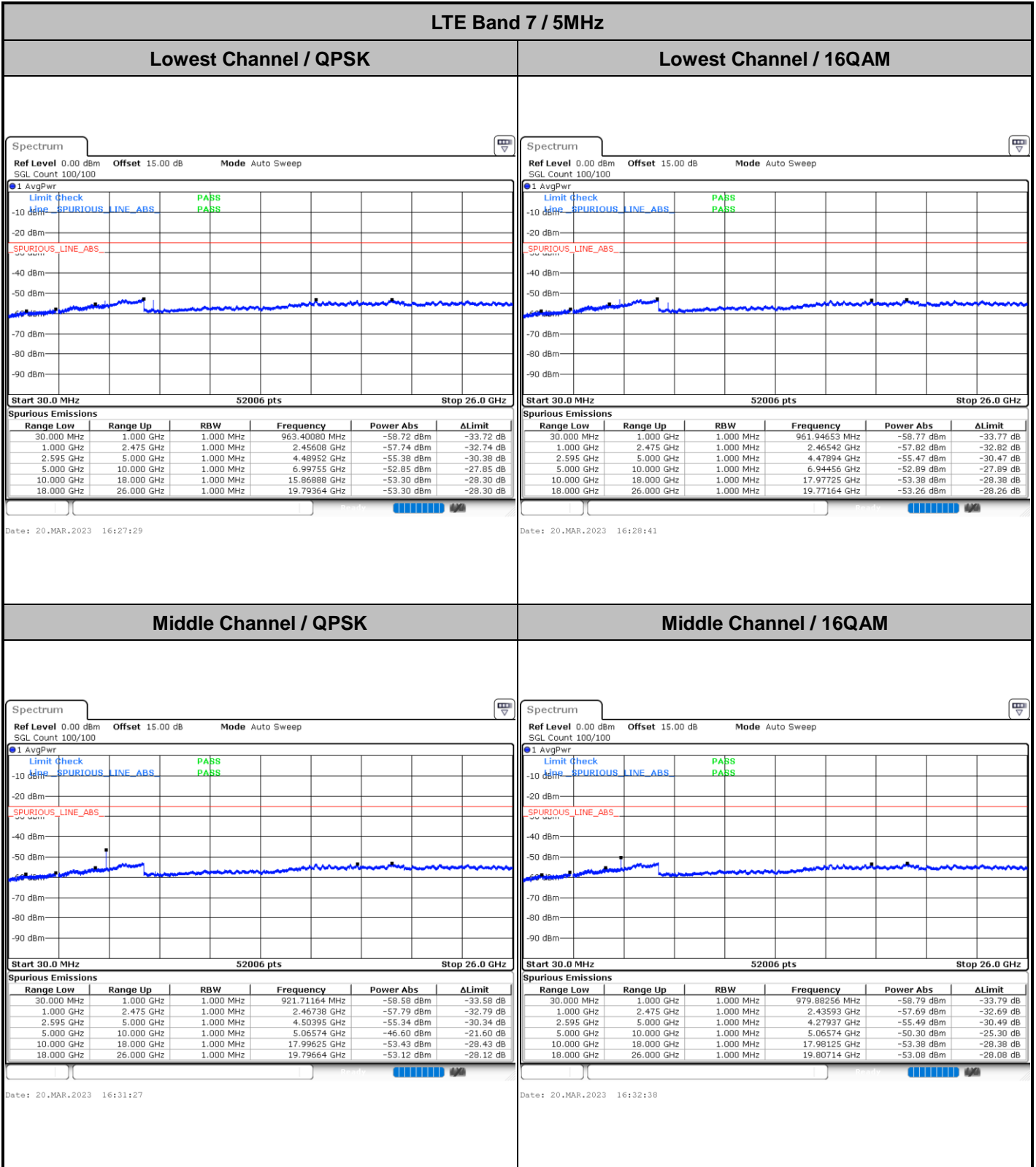
Highest Band Edge / Full RB



Date: 20.MAR.2023 20:00:40



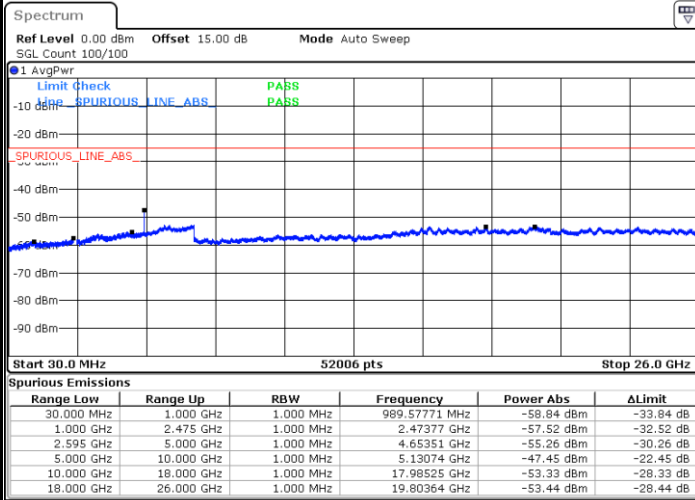
# Conducted Spurious Emission





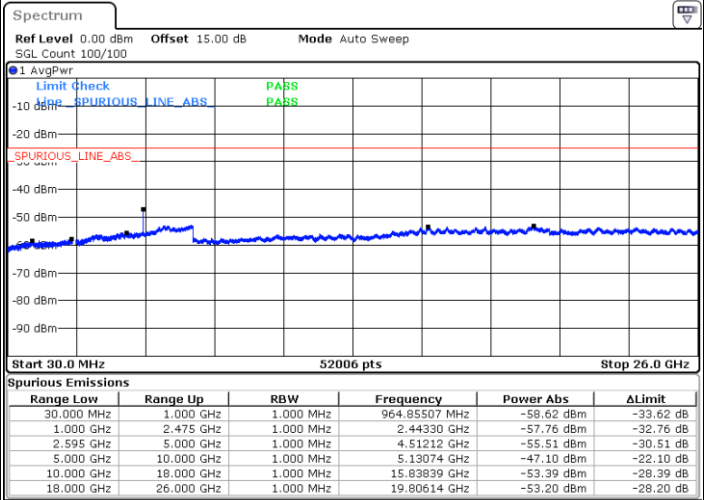
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 20.MAR.2023 16:38:49

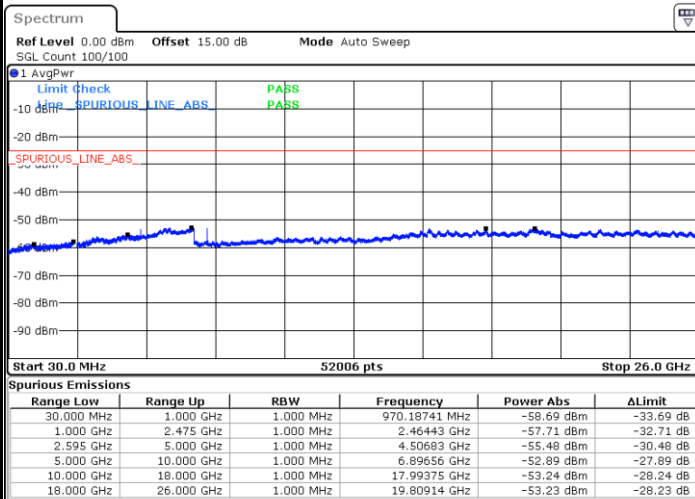
Highest Channel / 16QAM



Date: 20.MAR.2023 16:40:02

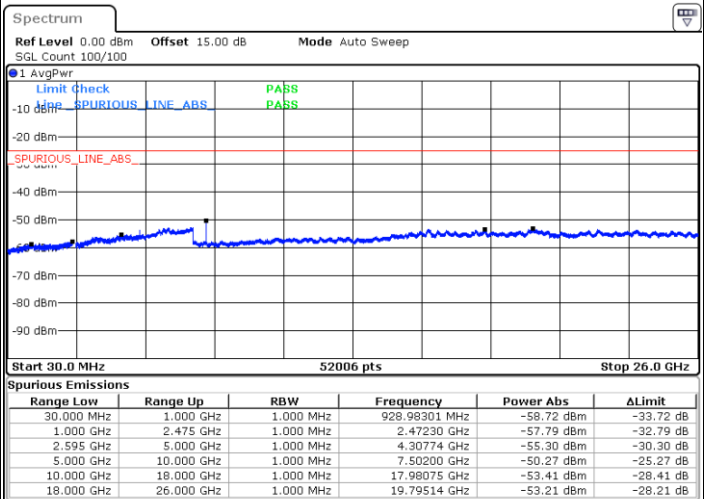
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 20.MAR.2023 17:03:20

Lowest Channel / 16QAM



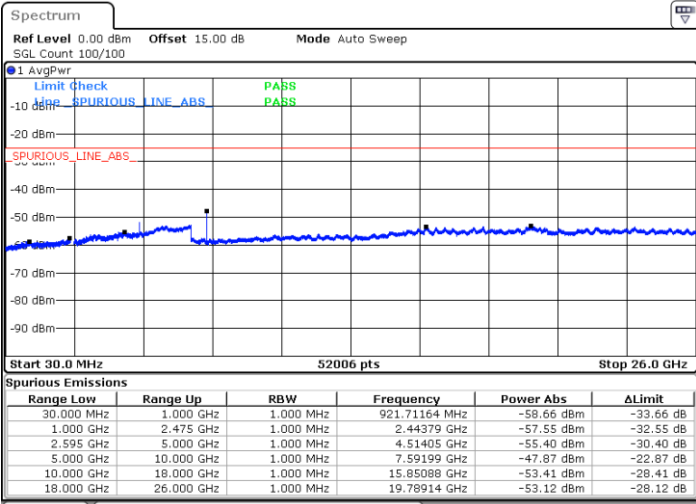
Date: 20.MAR.2023 17:04:32



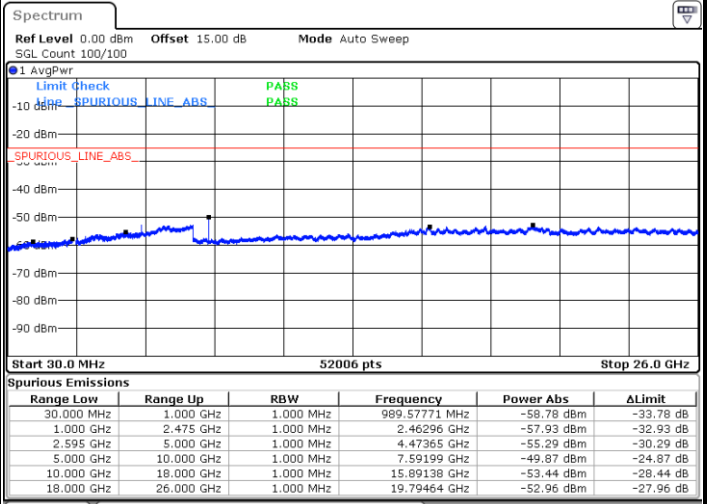
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



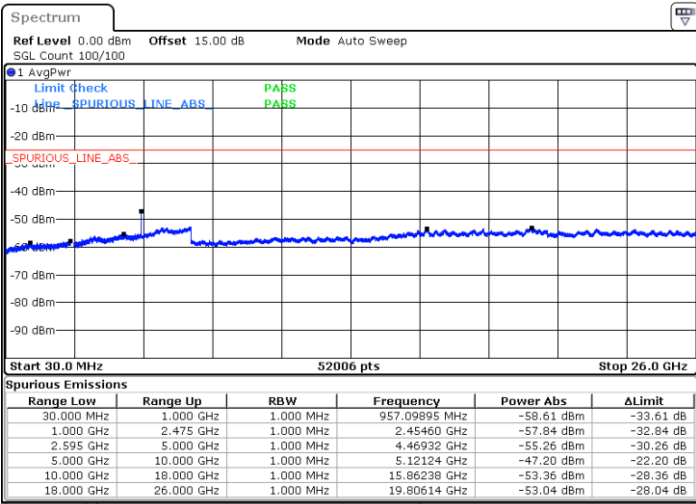
Date: 20.MAR.2023 17:07:18



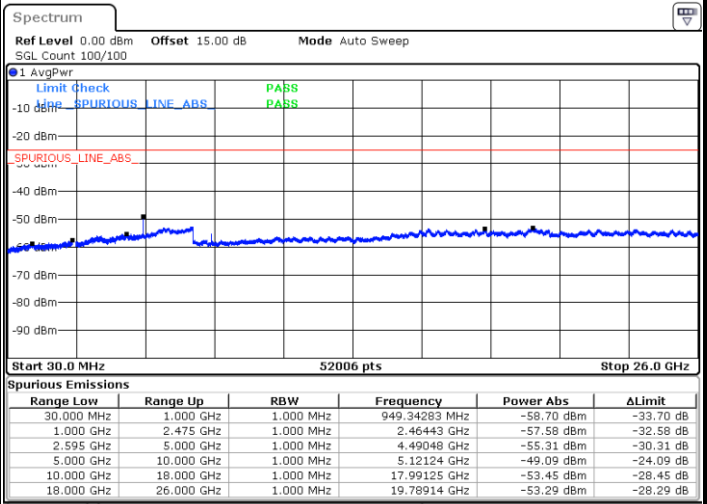
Date: 20.MAR.2023 17:08:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20.MAR.2023 17:14:41



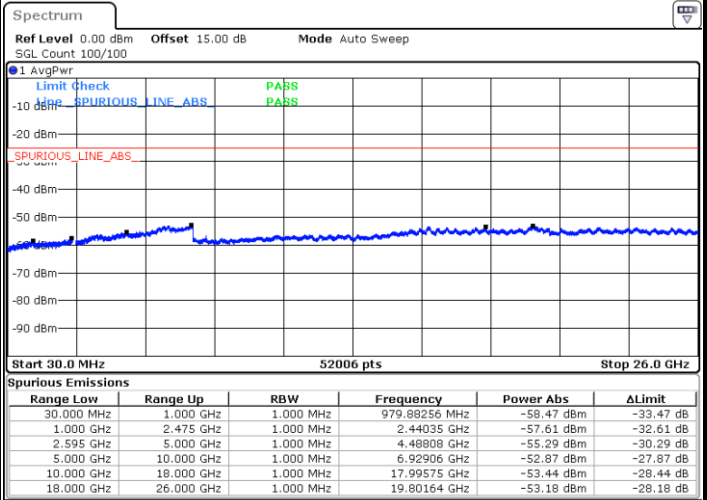
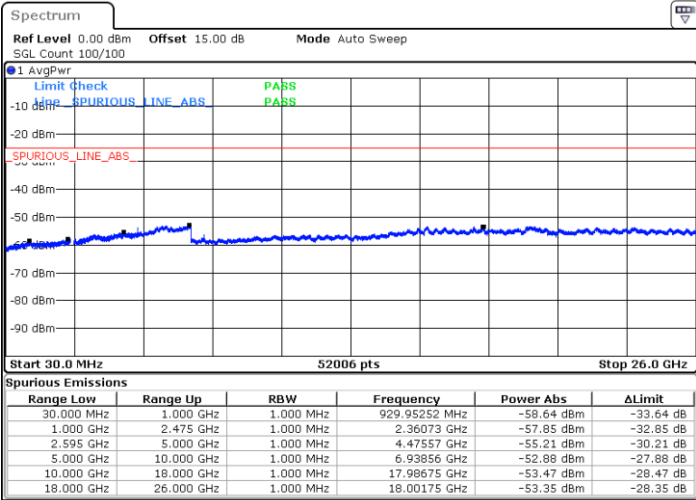
Date: 20.MAR.2023 17:15:53



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

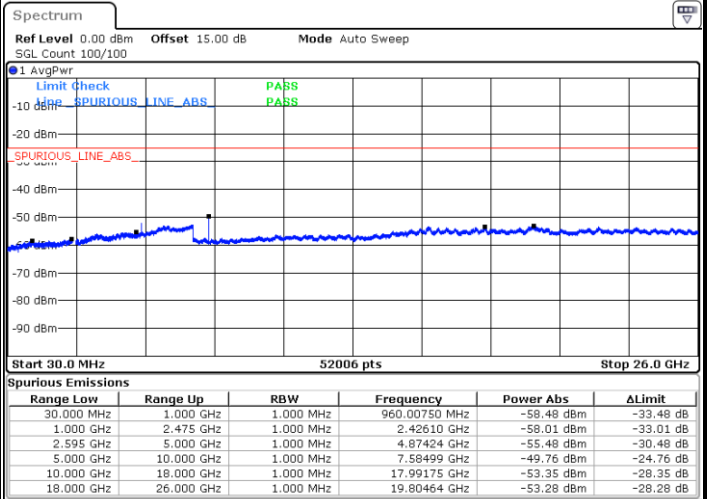
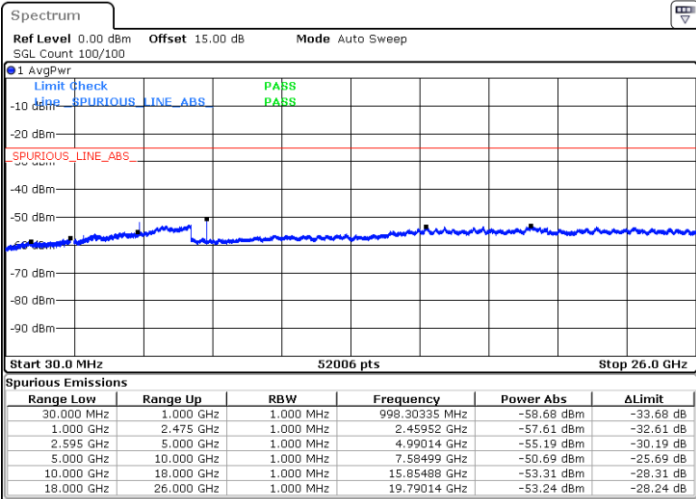


Date: 20.MAR.2023 17:31:03

Date: 20.MAR.2023 17:32:14

Middle Channel / QPSK

Middle Channel / 16QAM



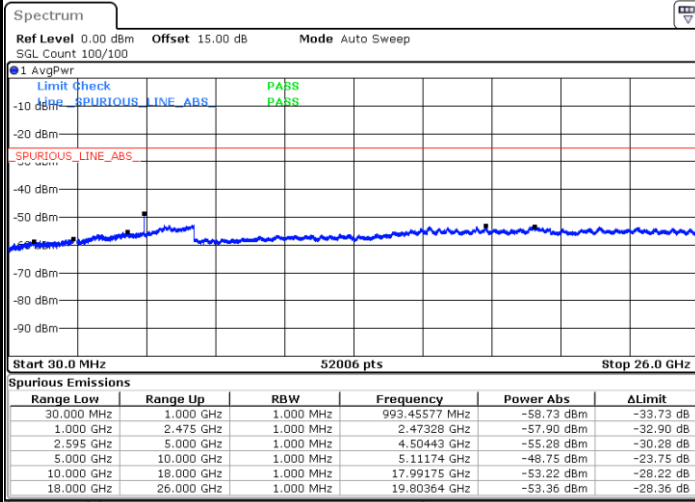
Date: 20.MAR.2023 17:35:00

Date: 20.MAR.2023 17:36:11



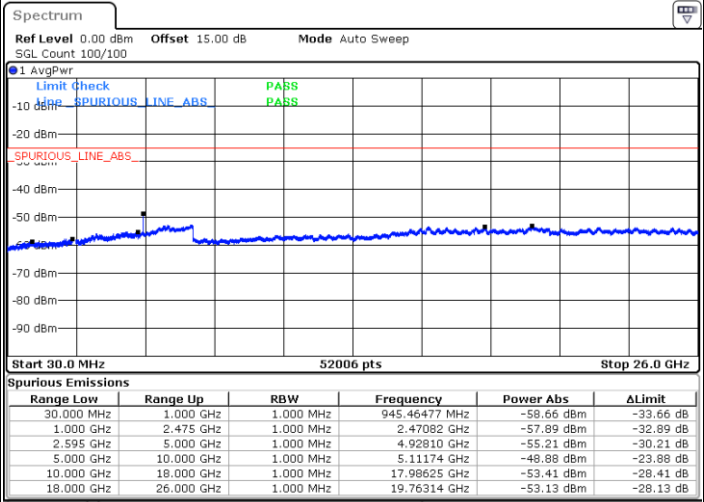
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 20.MAR.2023 17:42:23

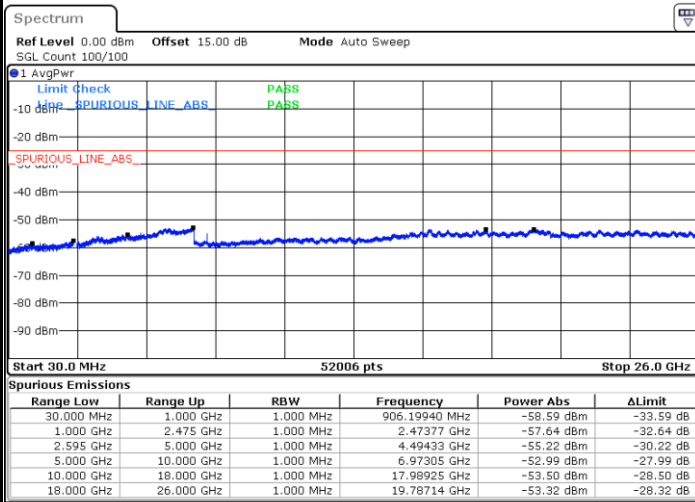
Highest Channel / 16QAM



Date: 20.MAR.2023 17:43:35

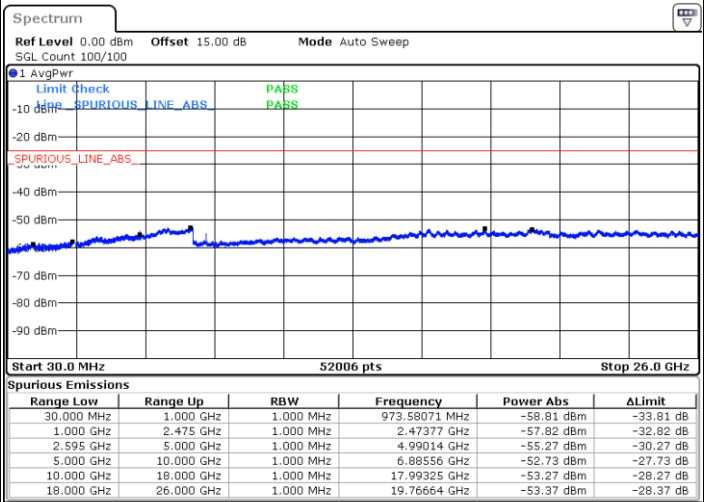
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 20.MAR.2023 19:40:18

Lowest Channel / 16QAM



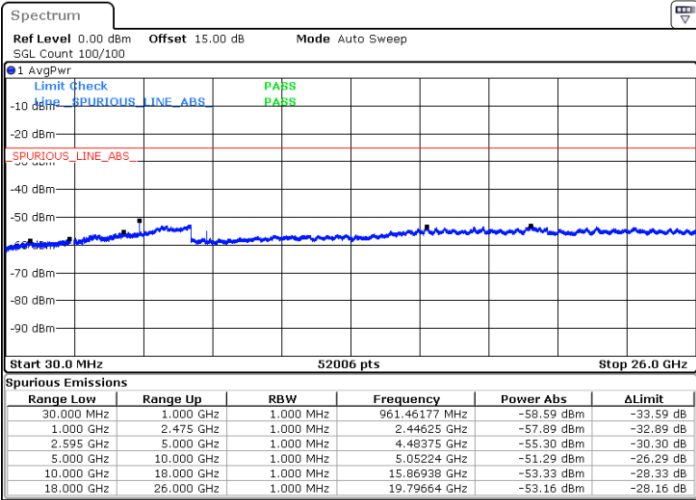
Date: 20.MAR.2023 19:41:30



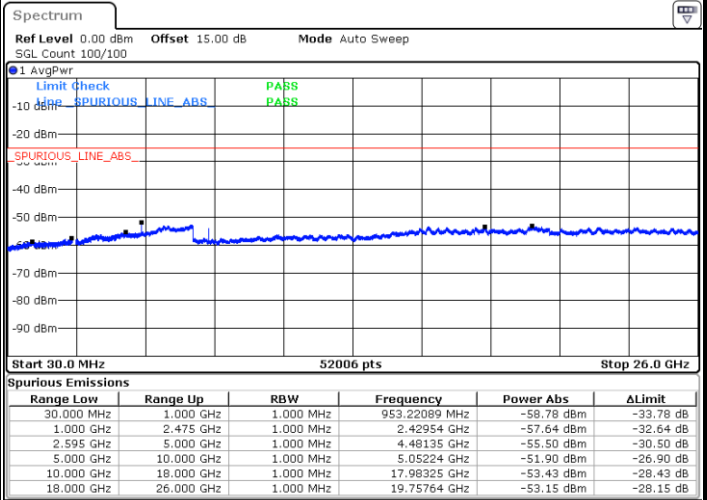
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



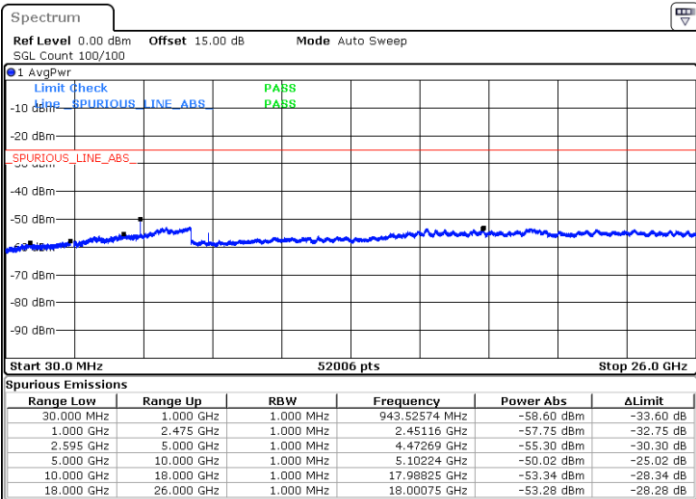
Date: 20.MAR.2023 19:44:16



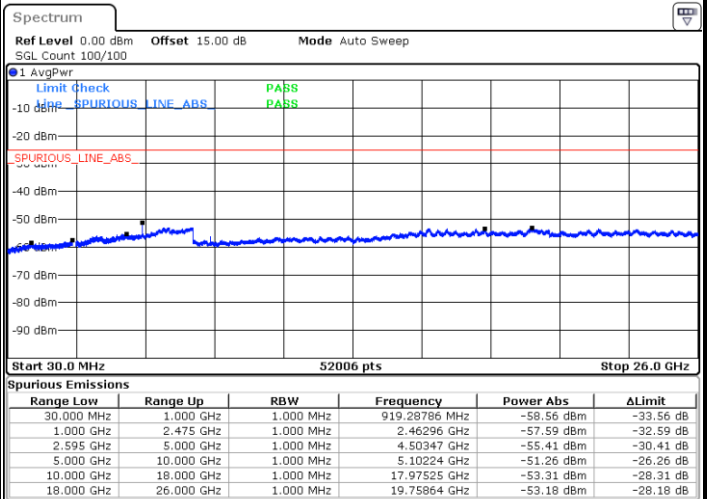
Date: 20.MAR.2023 19:45:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20.MAR.2023 19:51:42



Date: 20.MAR.2023 19:52:54

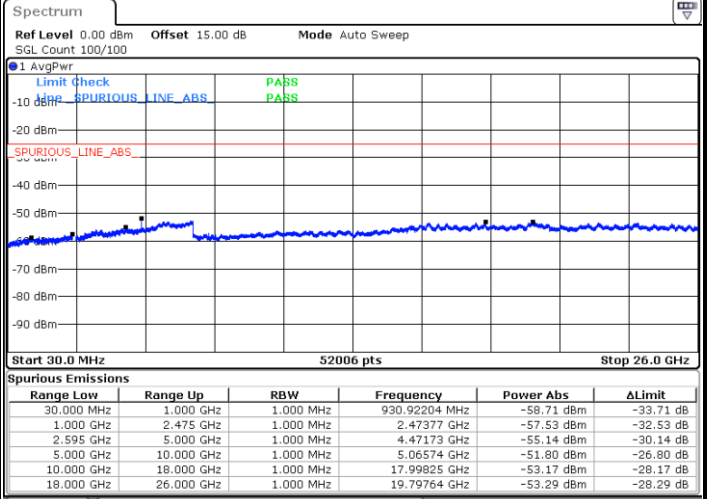
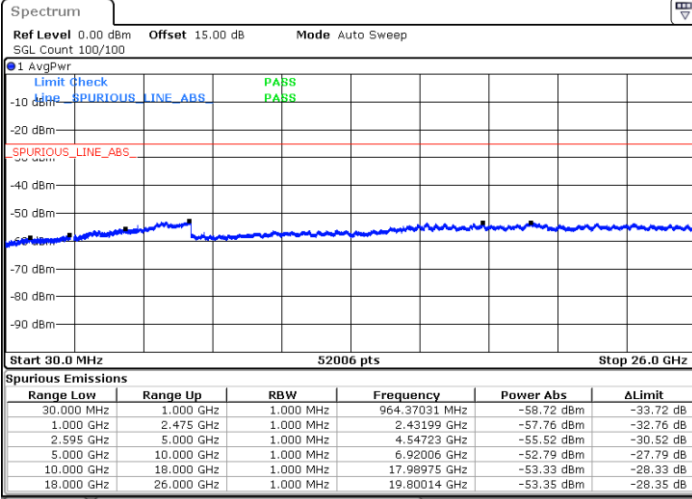




LTE Band 7 / 5MHz

Lowest Channel / 64QAM

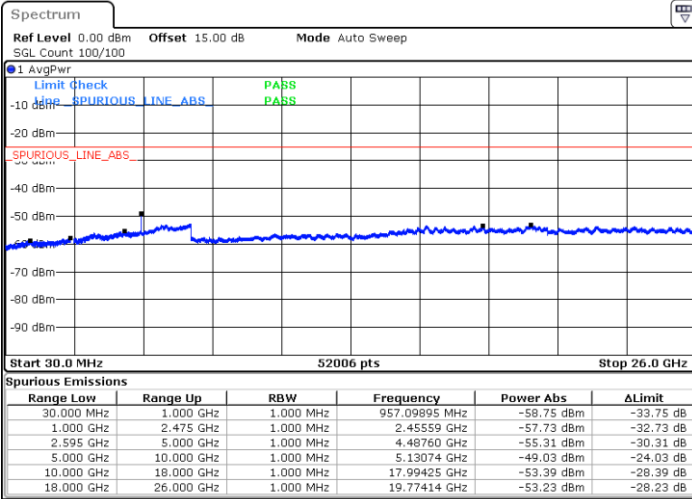
Middle Channel / 64QAM



Date: 20.MAR.2023 16:51:44

Date: 20.MAR.2023 16:53:34

Highest Channel / 64QAM



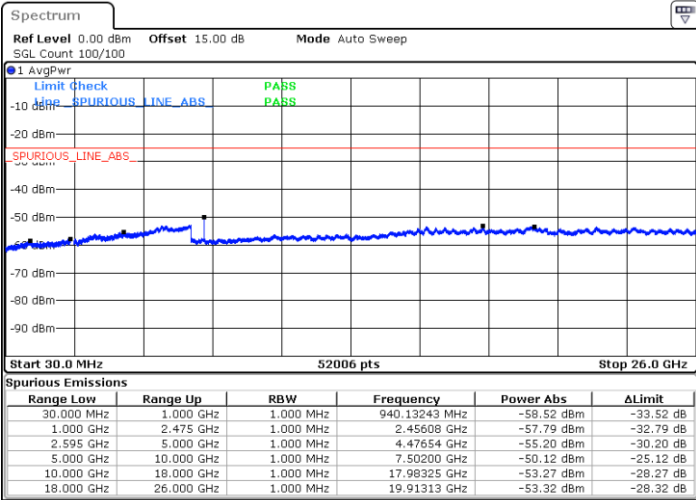
Date: 20.MAR.2023 16:57:06



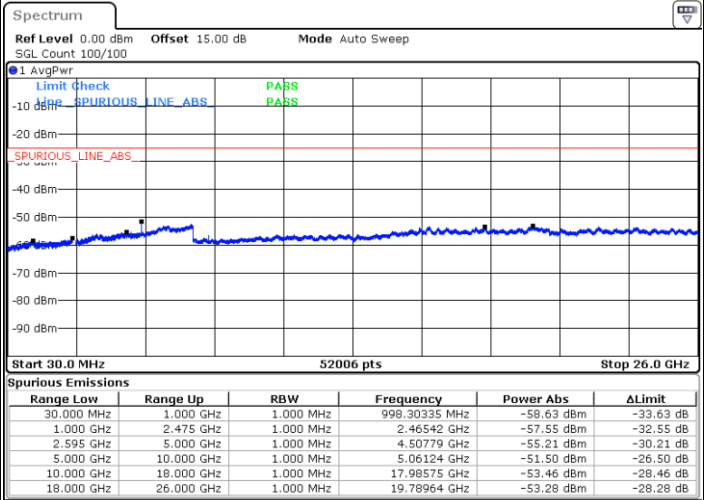
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

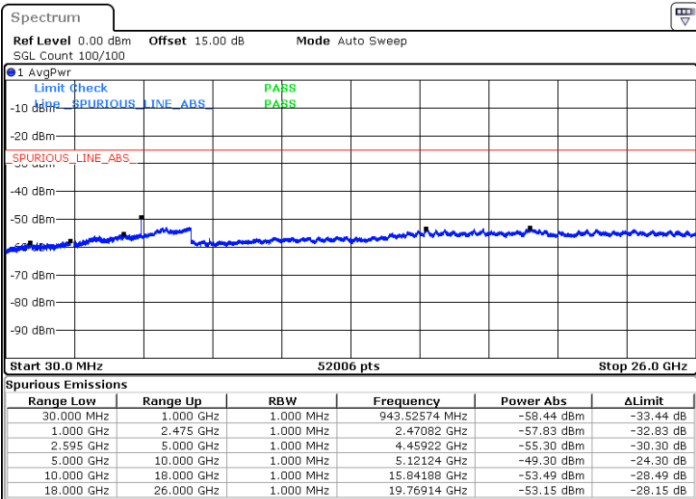


Date: 20.MAR.2023 17:19:25



Date: 20.MAR.2023 17:21:15

Highest Channel / 64QAM



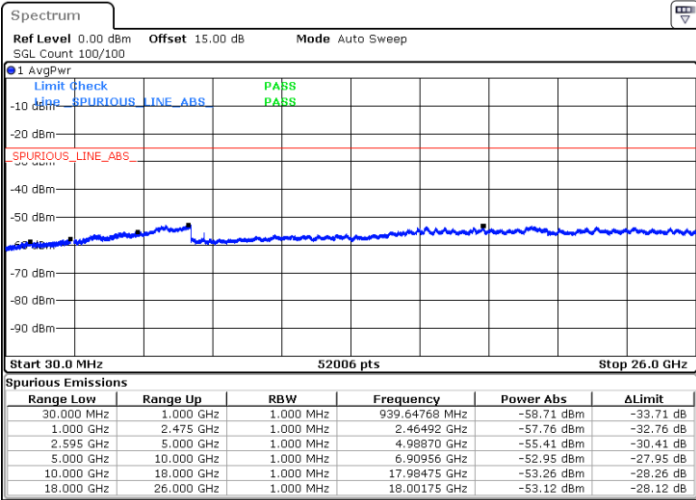
Date: 20.MAR.2023 17:24:48



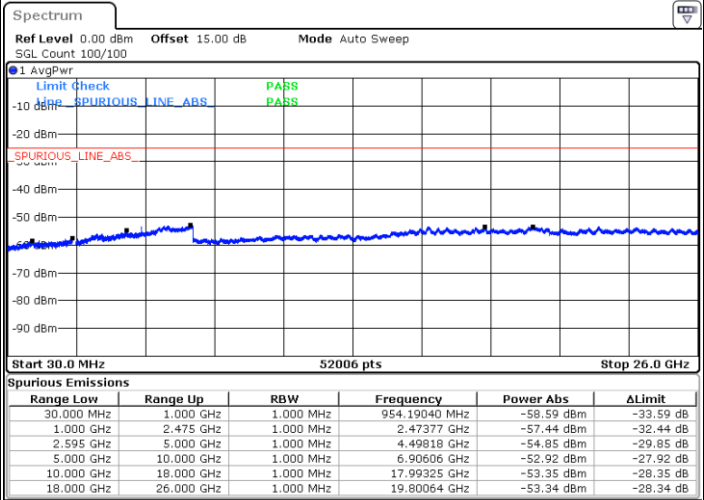
LTE Band 7 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

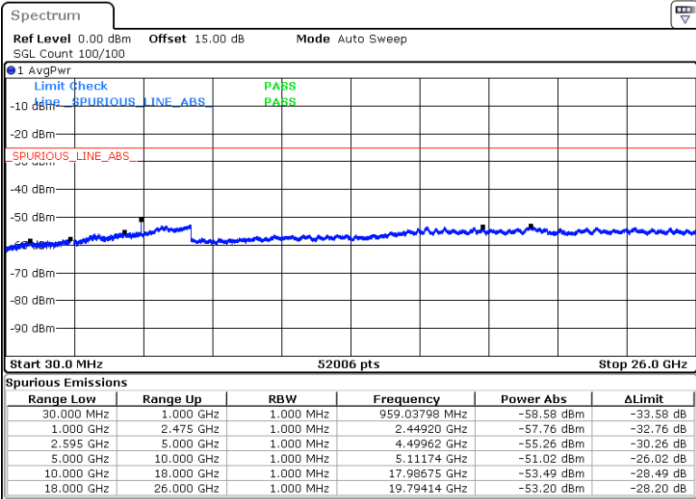


Date: 20.MAR.2023 17:47:08



Date: 20.MAR.2023 17:48:58

Highest Channel / 64QAM



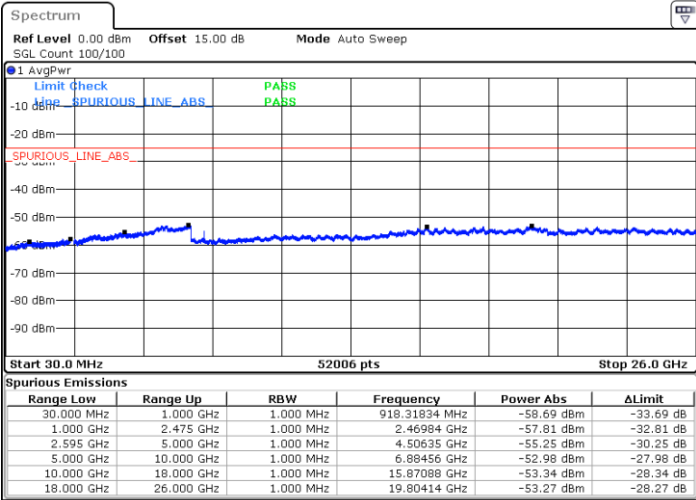
Date: 20.MAR.2023 17:52:31



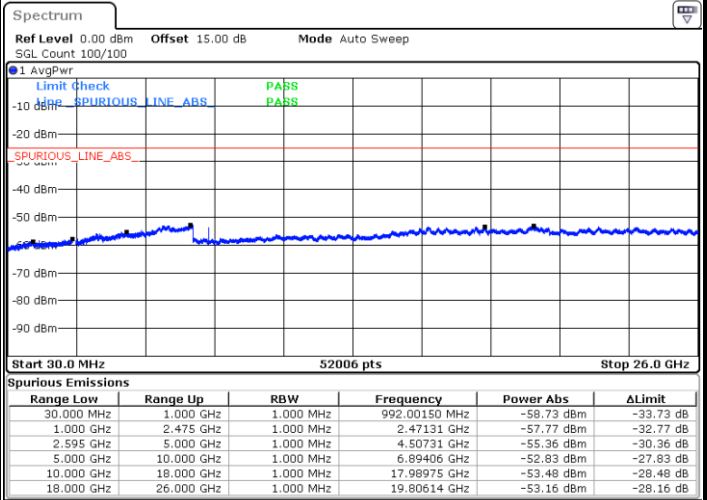
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

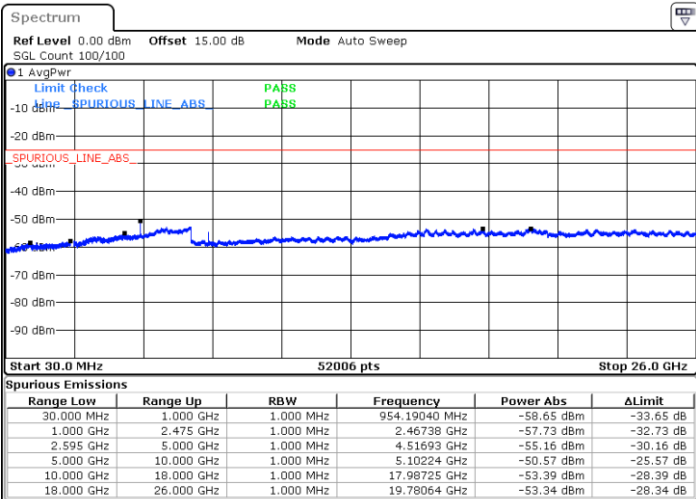


Date: 20.MAR.2023 19:56:27



Date: 20.MAR.2023 19:58:17

Highest Channel / 64QAM



Date: 20.MAR.2023 20:01:52



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.48 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	25.43	30.81	35.18
Middle CH	29.97	25.28	30.63	34.97
Highest CH	30.15	25.43	30.75	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.15	35.25	39.96	-
Middle CH	30.15	34.97	39.88	-
Highest CH	30.39	35.11	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.15	25.62	30.63	35.04
Middle CH	30.03	25.38	30.69	35.04
Highest CH	29.97	25.38	30.57	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.21	35.04	39.96	-
Middle CH	29.97	35.04	39.88	-
Highest CH	30.15	35.04	40.44	-

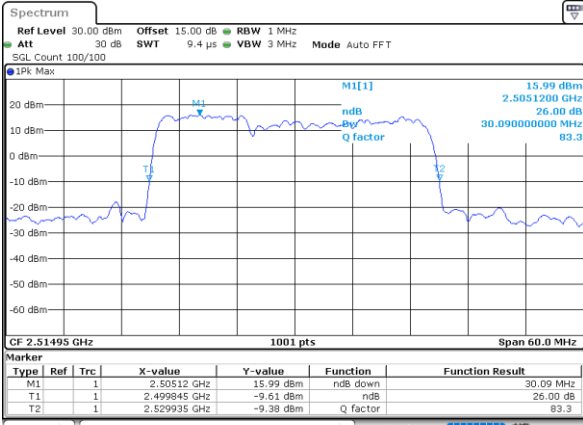
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.03	25.33	30.87	35.18
Middle CH	30.09	25.33	30.81	35.18
Highest CH	30.27	25.33	30.75	35.32
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	35.18	39.96	-
Middle CH	29.91	34.97	40.04	-
Highest CH	30.15	35.04	40.04	-



LTE Band 7C

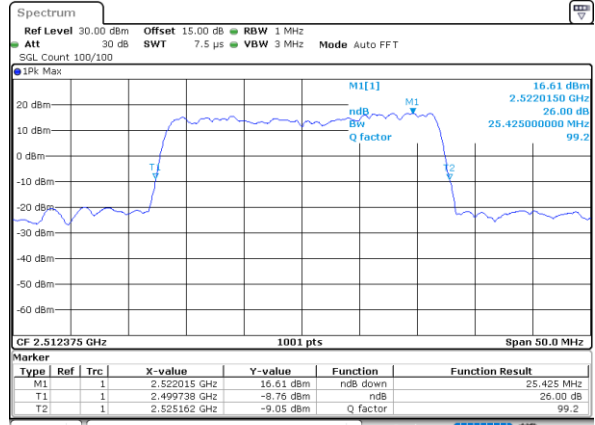
QPSK

Lowest Channel / 10MHz+20MHz



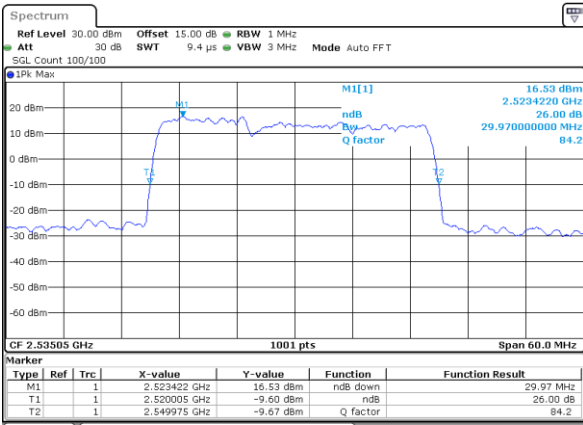
Date: 20.MAR.2023 23:55:42

Lowest Channel / 15MHz+10MHz



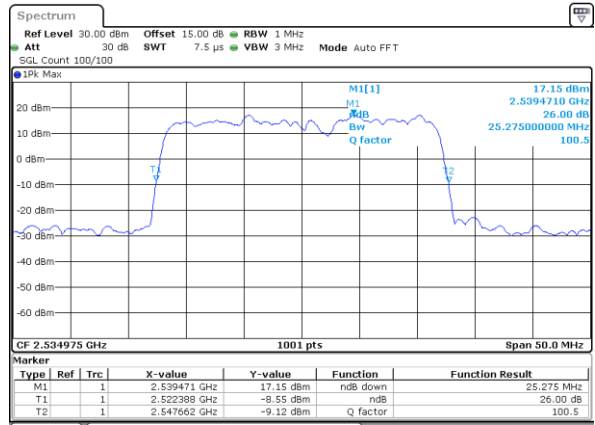
Date: 21.MAR.2023 03:00:47

Middle Channel / 10MHz+20MHz



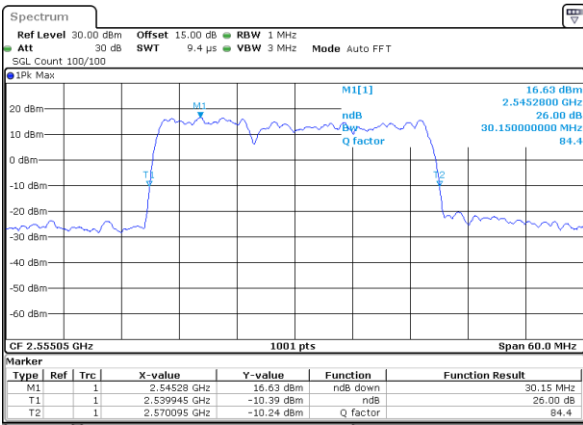
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Middle Channel / 15MHz+10MHz



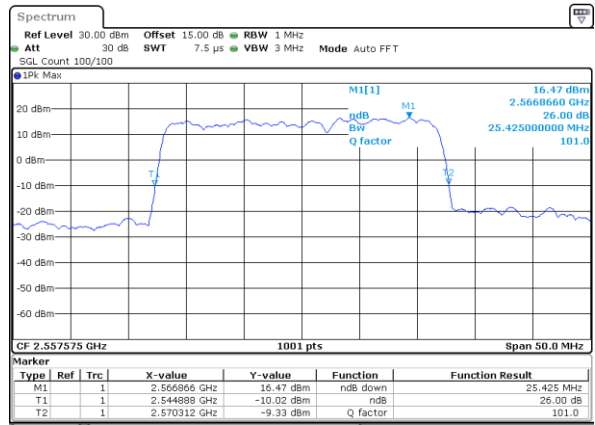
Date: 21.MAR.2023 04:38:02

Highest Channel / 10MHz+20MHz



Date: 21.MAR.2023 00:09:51

Highest Channel / 15MHz+10MHz



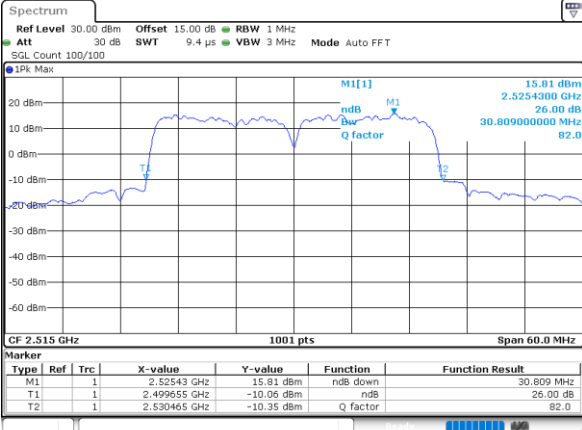
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LTE Band 7C

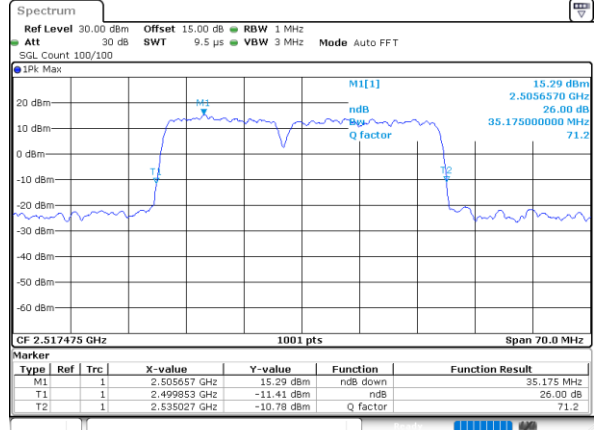
QPSK

Lowest Channel / 15MHz+15MHz



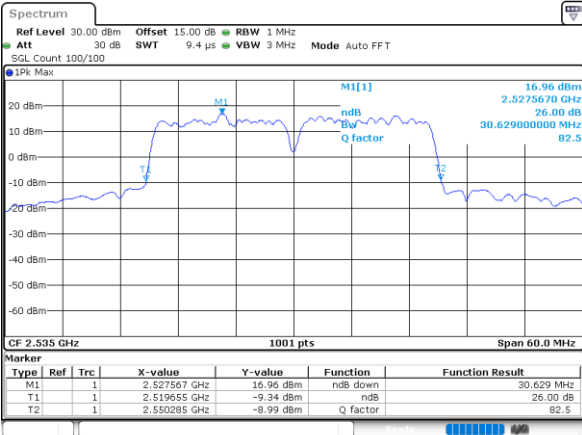
Date: 17\_MAR\_2023 02:36:45

Lowest Channel / 15MHz+20MHz



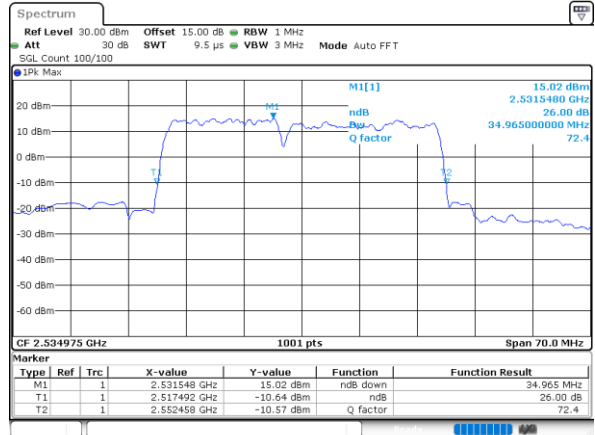
Date: 17\_MAR\_2023 03:12:42

Middle Channel / 15MHz+15MHz



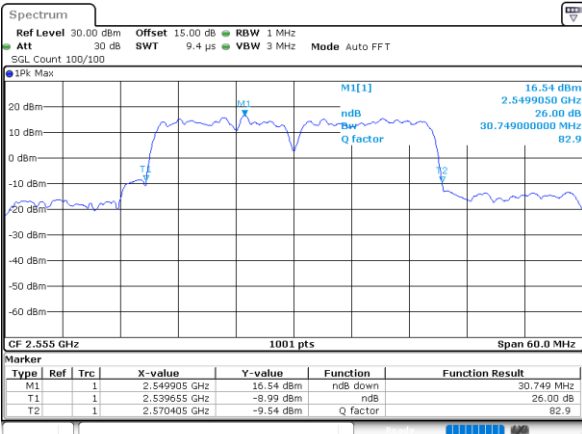
Date: 17\_MAR\_2023 02:53:16

Middle Channel / 15MHz+20MHz



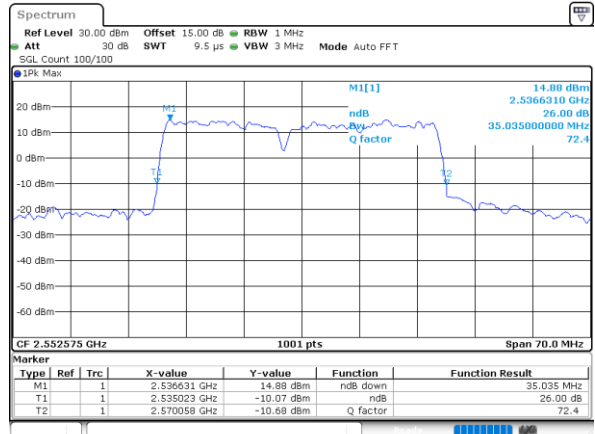
Date: 17\_MAR\_2023 03:14:19

Highest Channel / 15MHz+15MHz



Date: 17\_MAR\_2023 03:09:47

Highest Channel / 15MHz+20MHz



Date: 17\_MAR\_2023 03:15:51

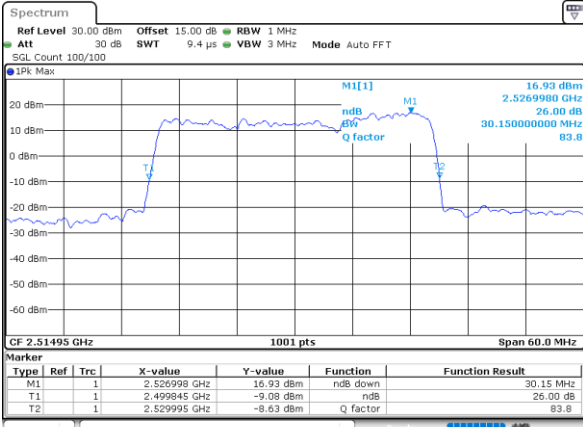




LTE Band 7C

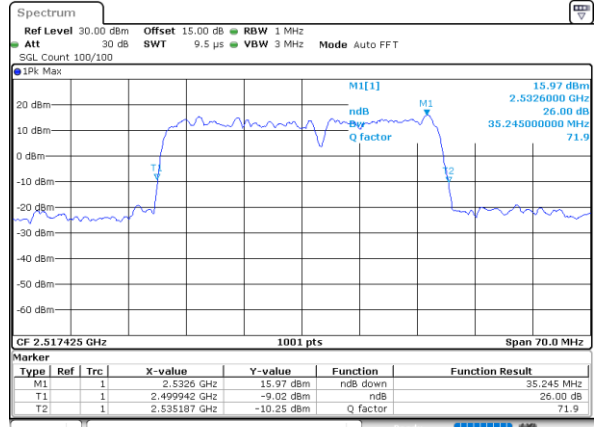
QPSK

Lowest Channel / 20MHz+10MHz



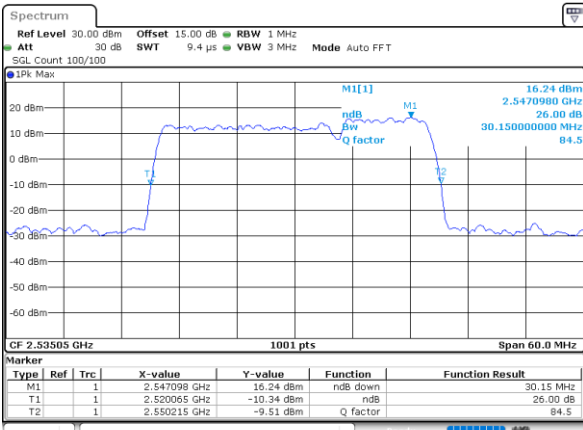
Date: 21.MAR.2023 00:27:05

Lowest Channel / 20MHz+15MHz



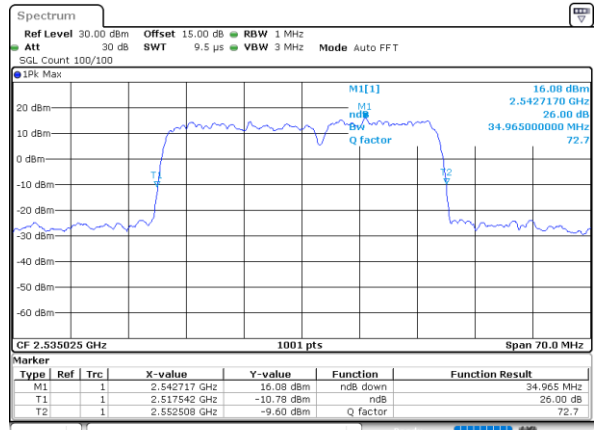
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Middle Channel / 20MHz+10MHz



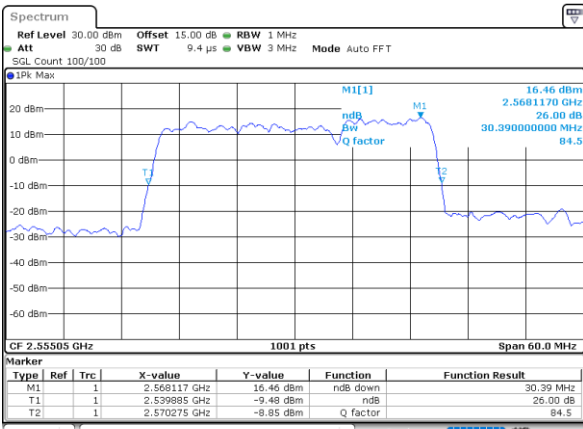
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Middle Channel / 20MHz+15MHz



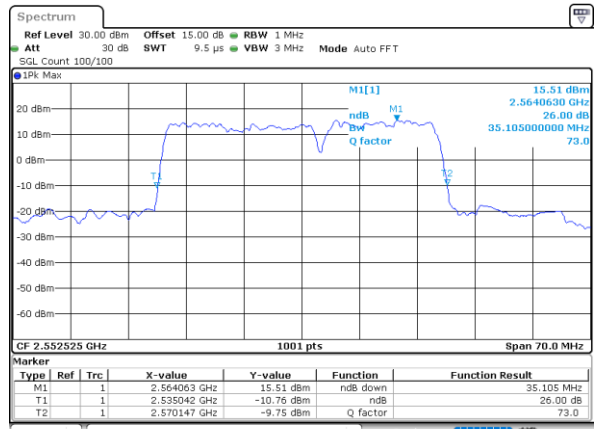
Date: 21.MAR.2023 02:10:13

Highest Channel / 20MHz+10MHz



Date: 21.MAR.2023 00:41:13

Highest Channel / 20MHz+15MHz



Date: 21.MAR.2023 02:12:16

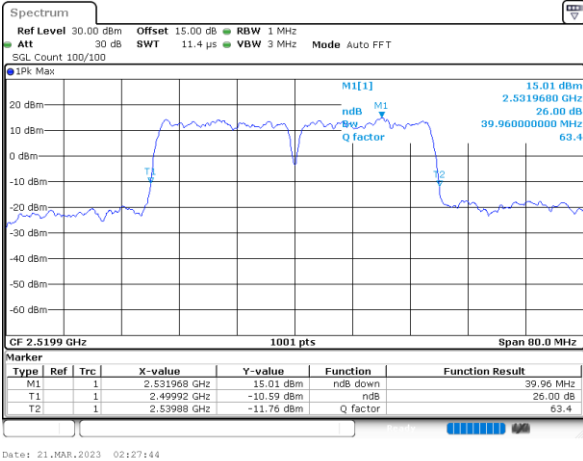


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

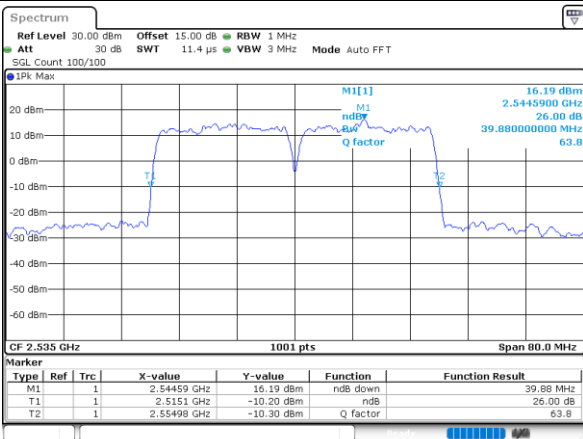
N/A



Date: 21.MAR.2023 02:27:44

Middle Channel / 20MHz+20MHz

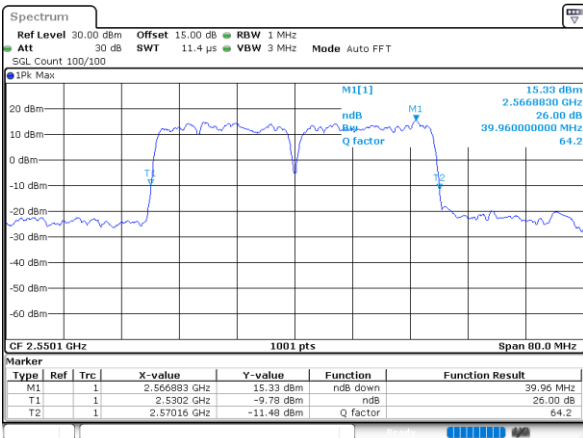
N/A



Date: 21.MAR.2023 02:39:51

Highest Channel / 20MHz+20MHz

N/A



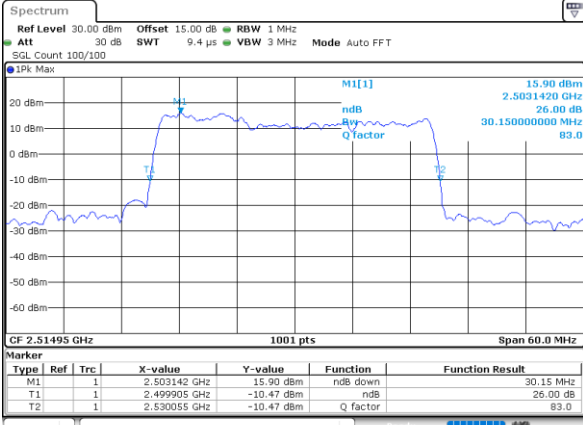
Date: 21.MAR.2023 02:43:00



LTE Band 7C

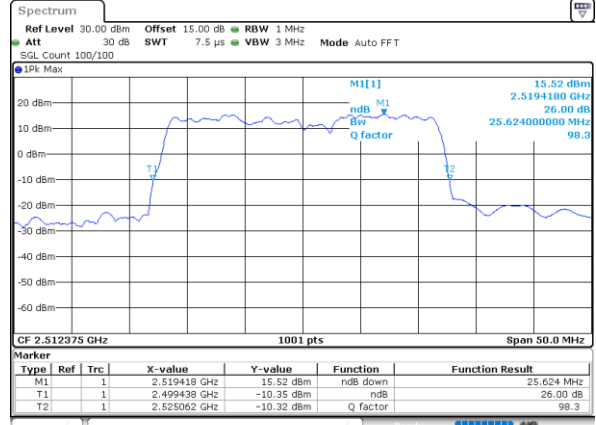
16QAM

Lowest Channel / 10MHz+20MHz



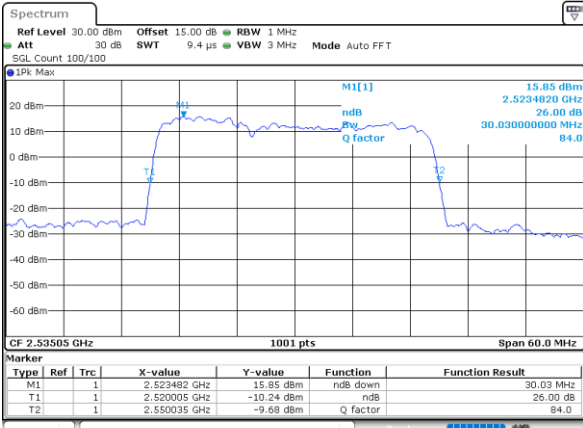
Date: 20.MAR.2023 23:55:12

Lowest Channel / 15MHz+10MHz



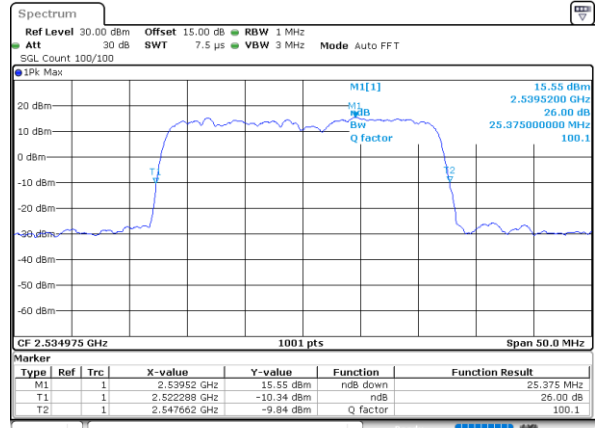
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Middle Channel / 10MHz+20MHz



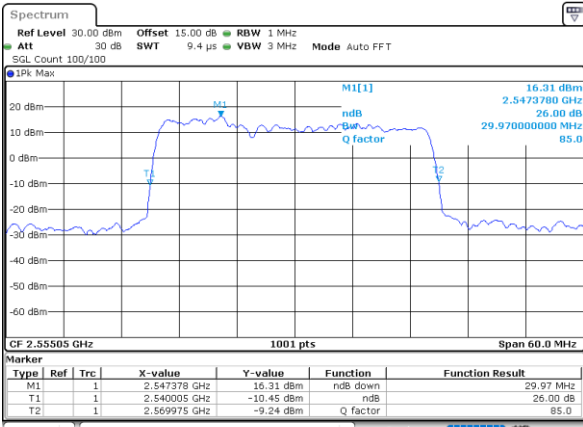
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Middle Channel / 15MHz+10MHz



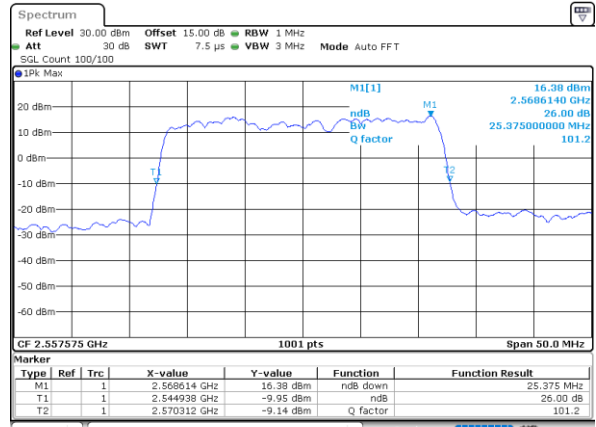
Date: 21.MAR.2023 04:37:32

Highest Channel / 10MHz+20MHz



Date: 21.MAR.2023 00:10:21

Highest Channel / 15MHz+10MHz



Date: 21.MAR.2023 04:52:30