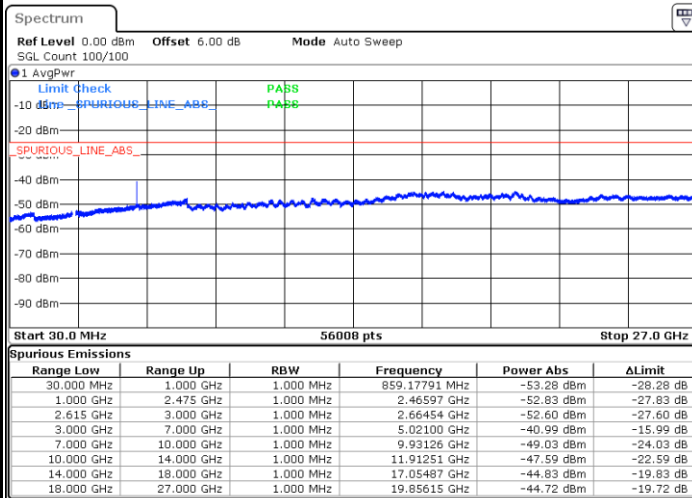




Conducted Spurious Emission

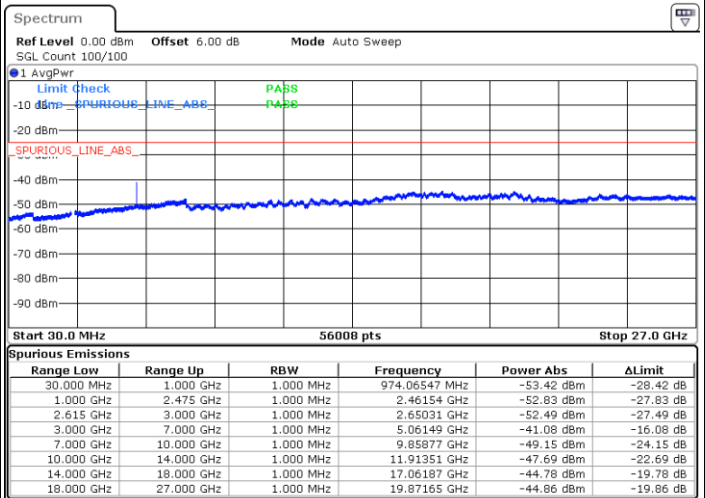
LTE Band 7C / 10MHz+20MHz

Lowest Channel / QPSK



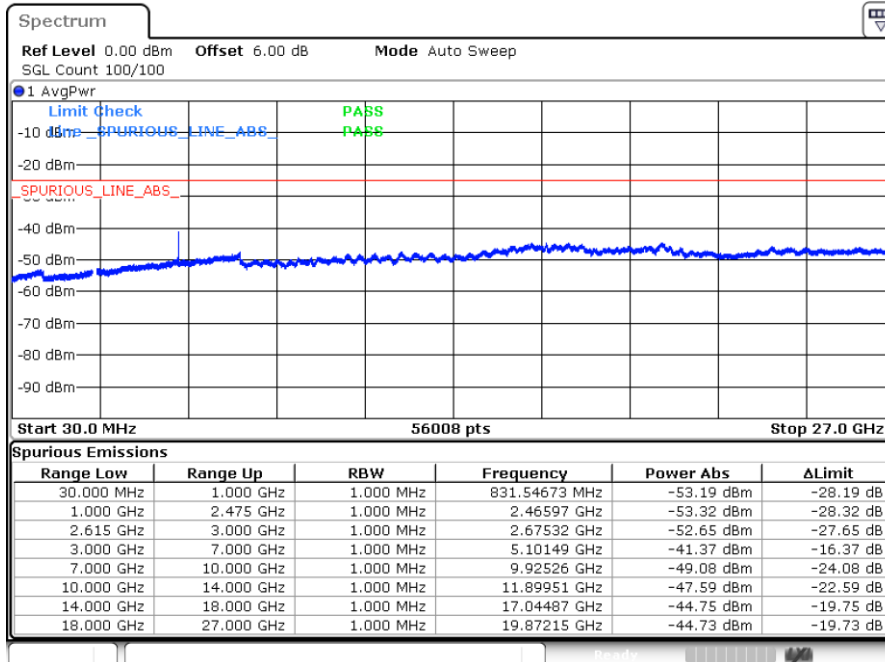
Date: 8.FEB.2023 19:47:23

Middle Channel / QPSK



Date: 8.FEB.2023 19:58:13

Highest Channel / QPSK



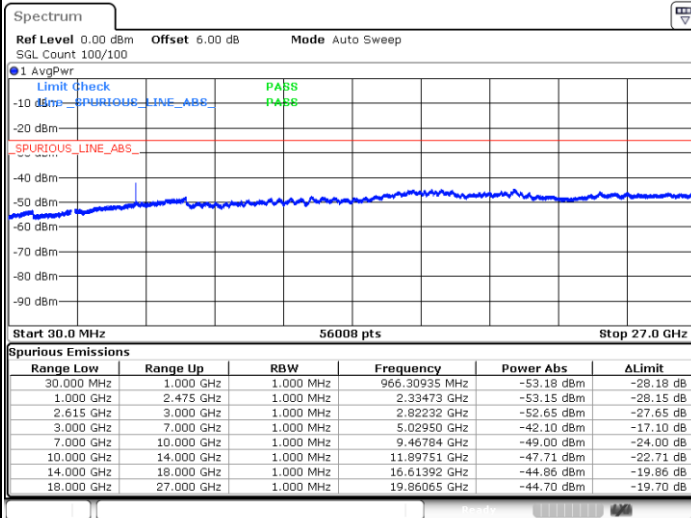
Date: 8.FEB.2023 19:59:49



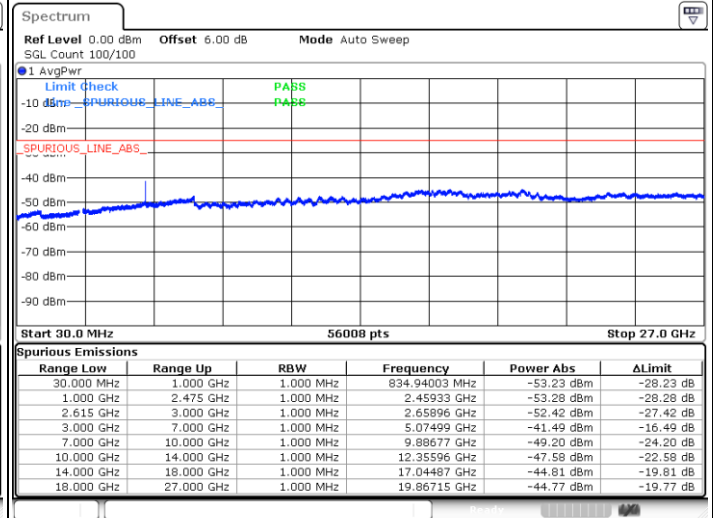
LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

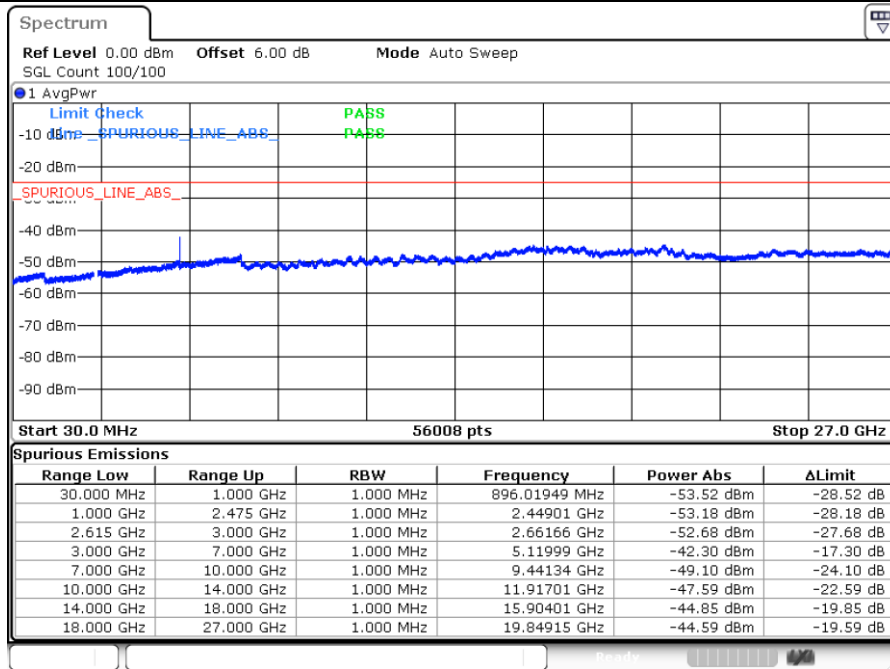


Date: 8.FEB.2023 20:10:34



Date: 8.FEB.2023 20:21:20

Highest Channel / QPSK



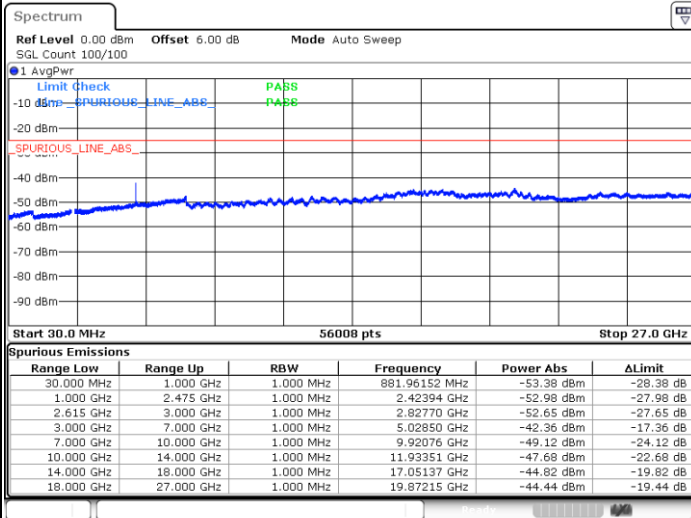
Date: 8.FEB.2023 20:22:56



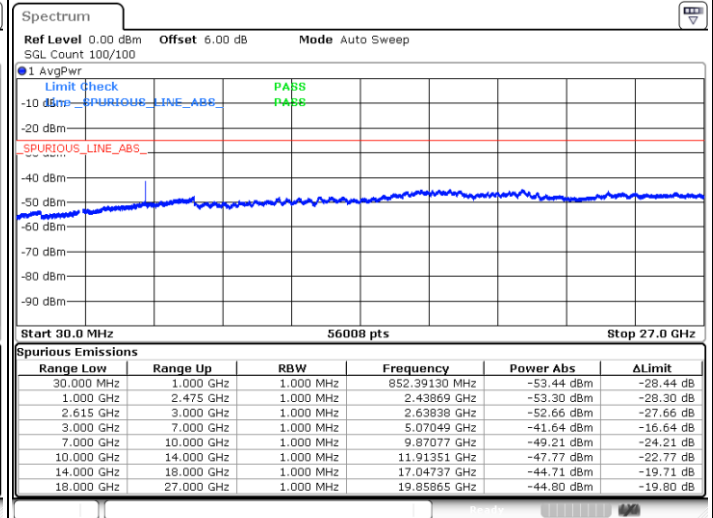
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

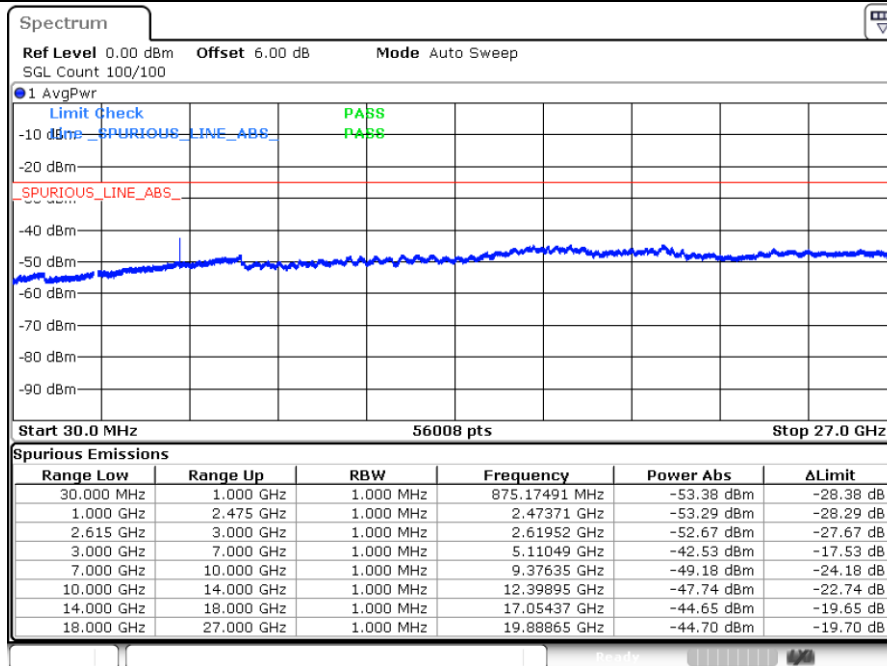


Date: 8.FEB.2023 20:33:37



Date: 8.FEB.2023 20:44:20

Highest Channel / QPSK



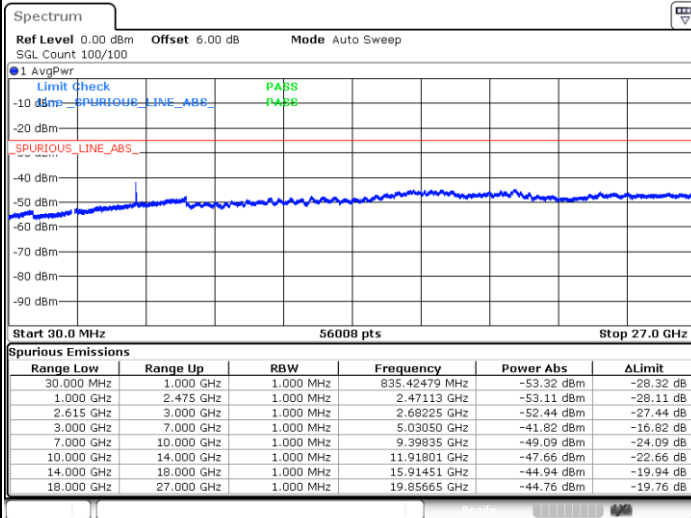
Date: 8.FEB.2023 20:45:56



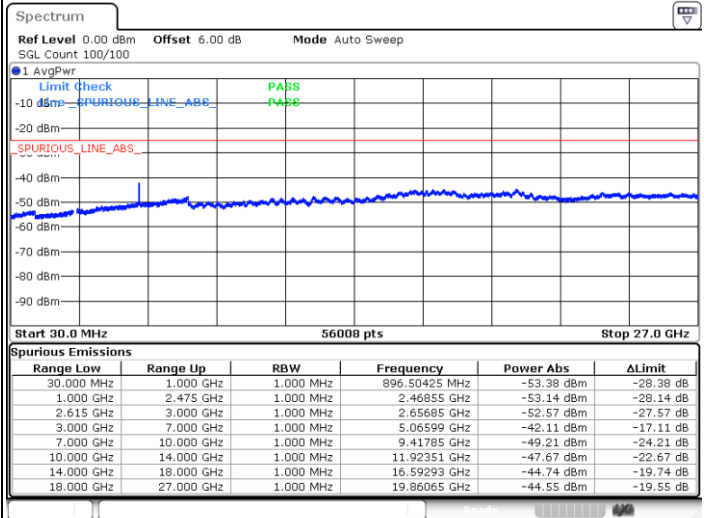
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

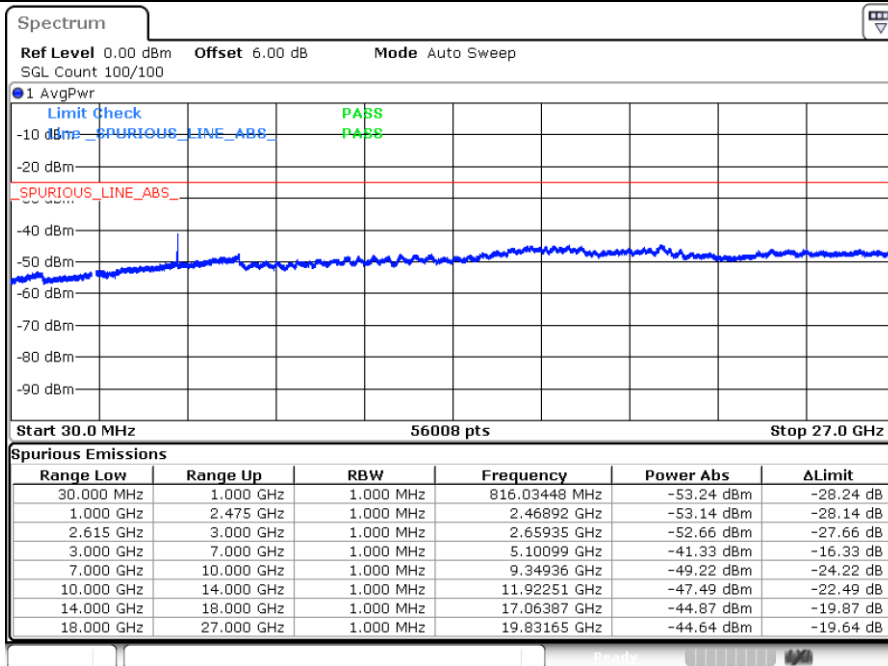


Date: 8.FEB.2023 20:56:36



Date: 8.FEB.2023 21:07:18

Highest Channel / QPSK



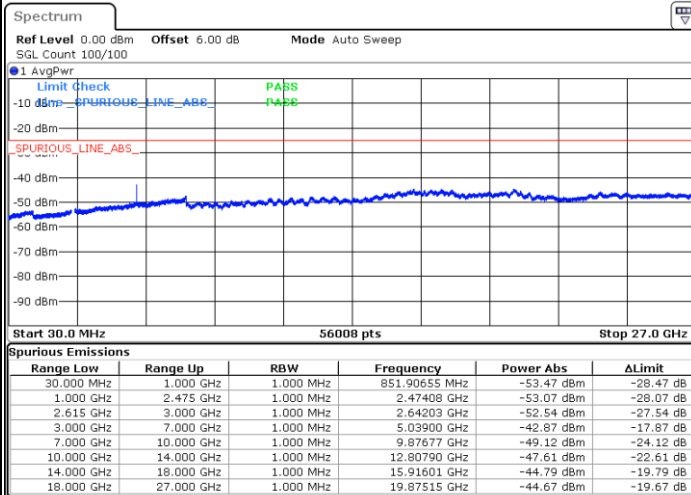
Date: 8.FEB.2023 21:08:54



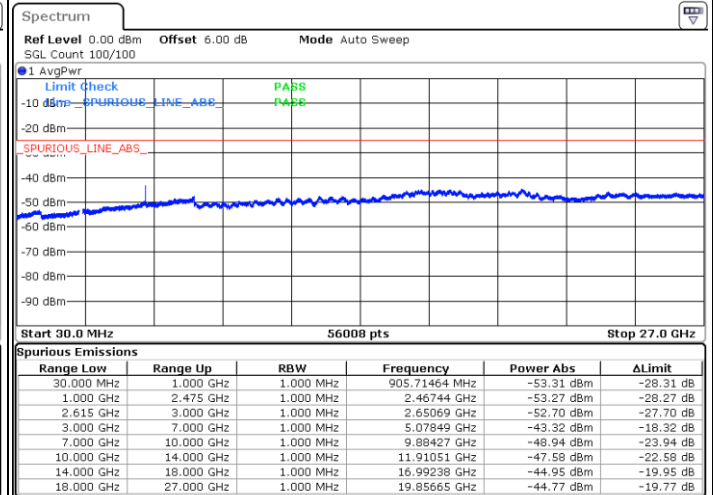
LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

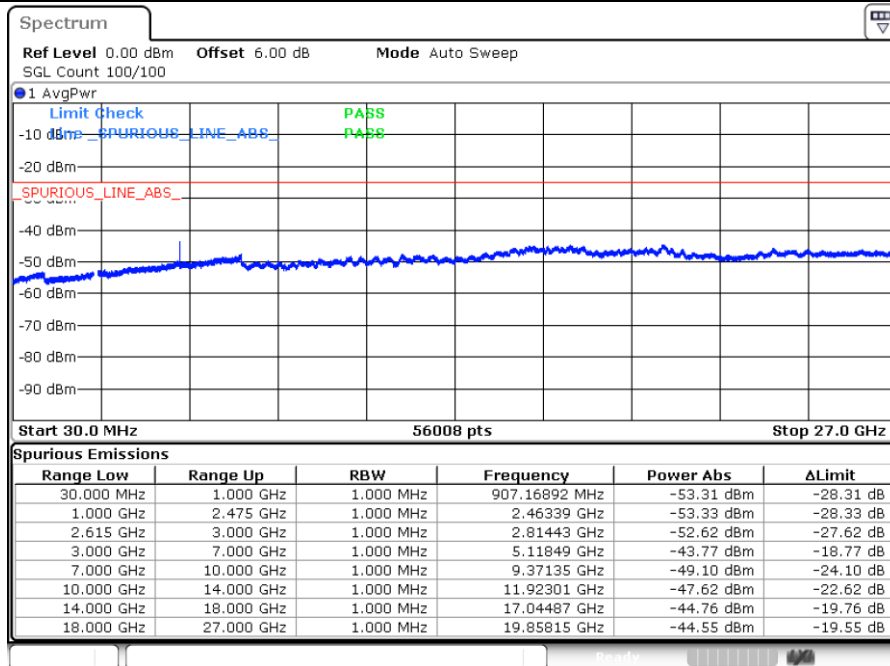


Date: 8.FEB.2023 21:19:32



Date: 8.FEB.2023 21:30:13

Highest Channel / QPSK



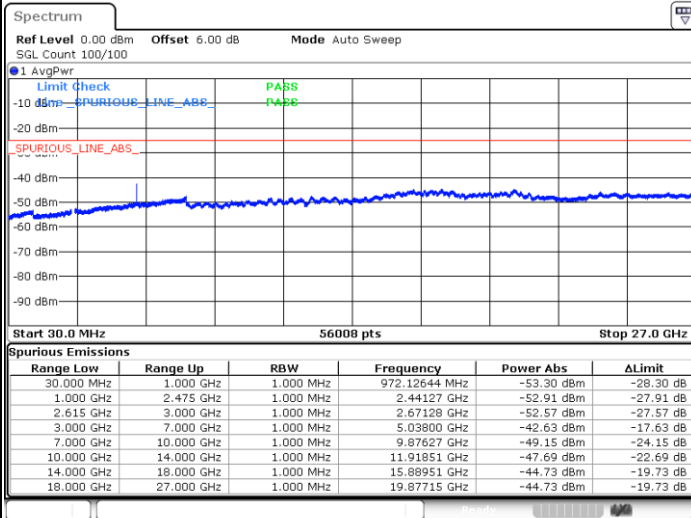
Date: 8.FEB.2023 21:31:49



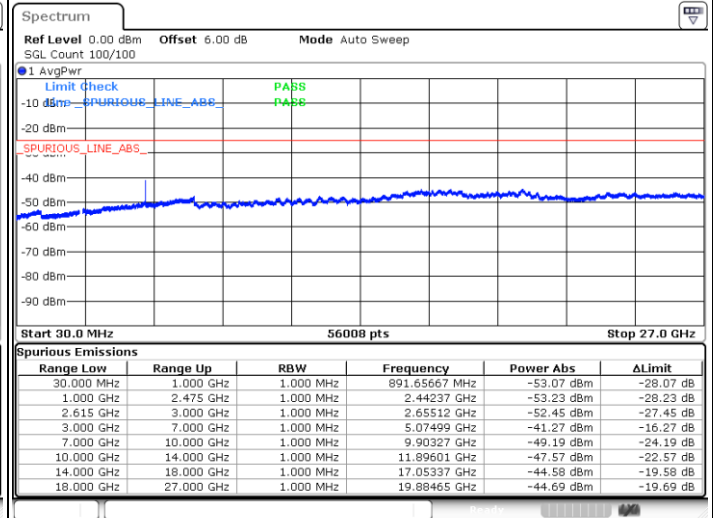
LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

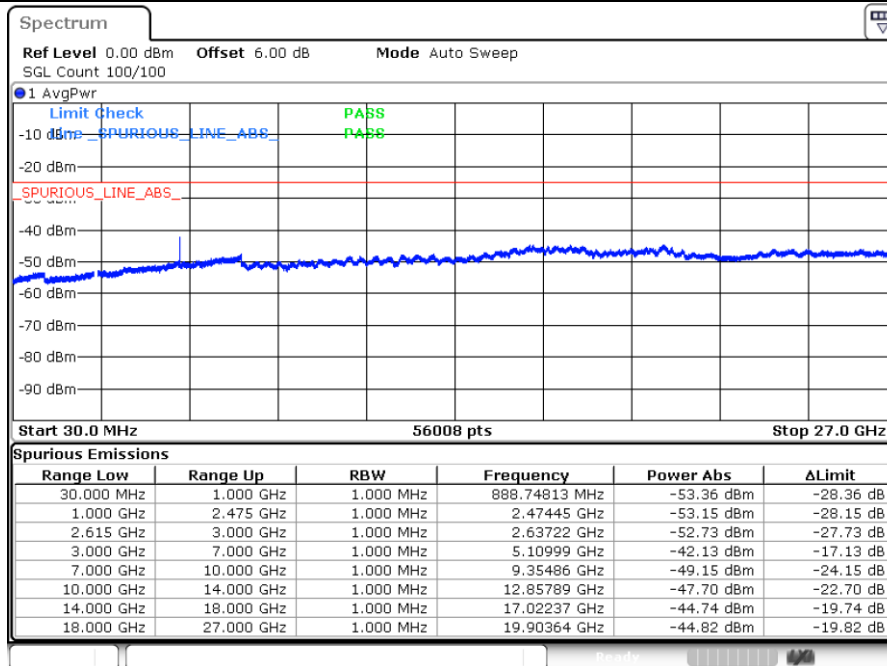


Date: 8.FEB.2023 21:42:30



Date: 8.FEB.2023 21:53:11

Highest Channel / QPSK



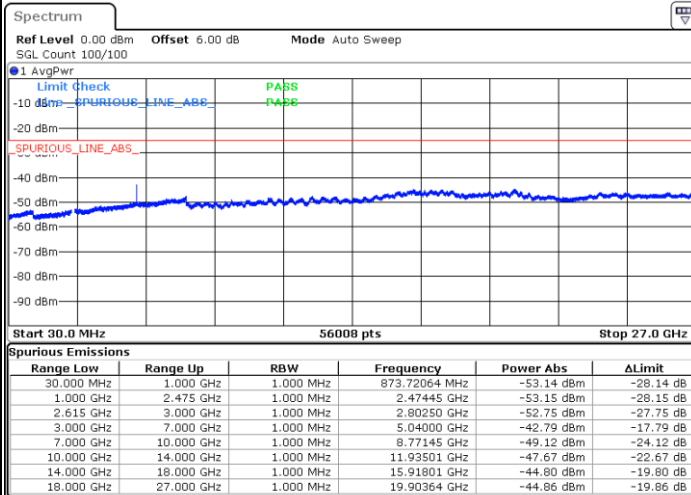
Date: 8.FEB.2023 21:54:47



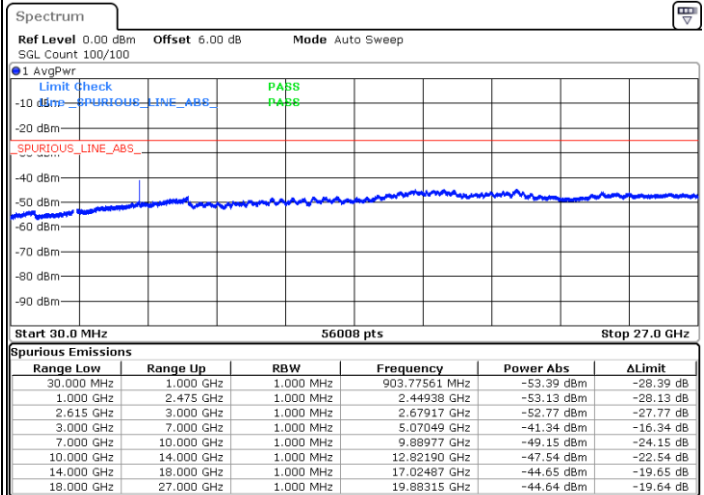
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

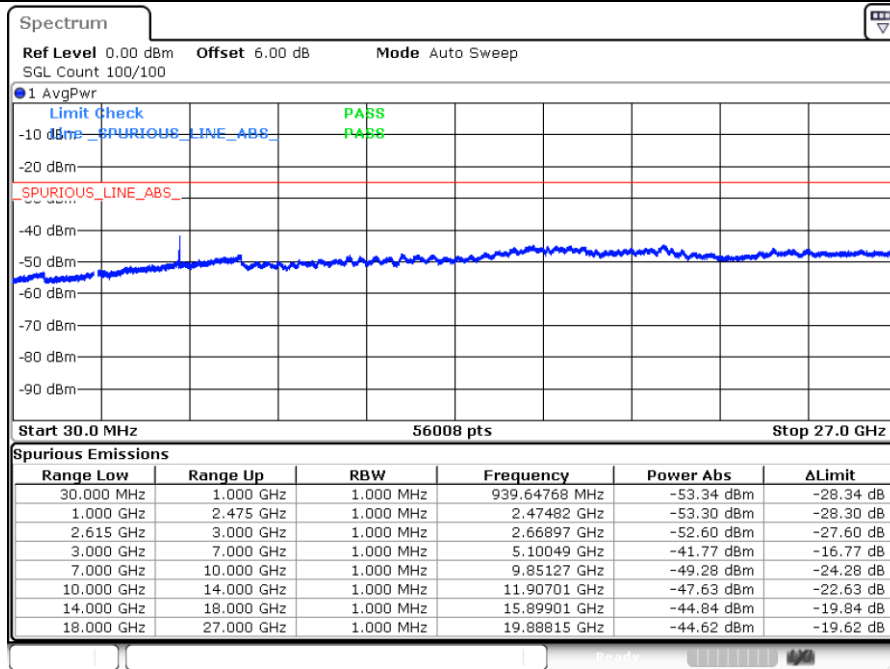


Date: 8.FEB.2023 22:05:24



Date: 8.FEB.2023 22:16:06

Highest Channel / QPSK



Date: 8.FEB.2023 22:17:42

Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

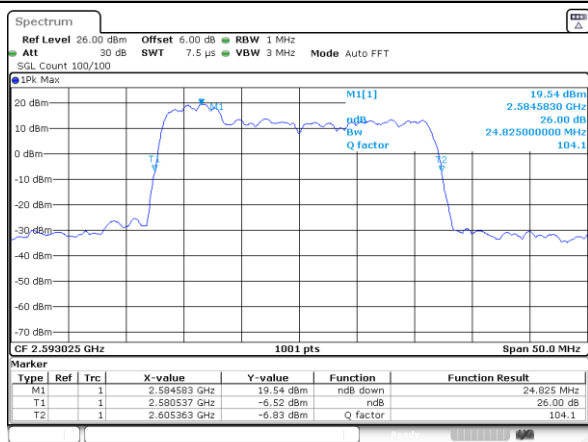
26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.83	24.68
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	25.33	25.28
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.97	30.15
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	25.38	25.38
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.63	30.81
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.97	34.97
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	24.98	24.88
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.09	29.97
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	34.97	34.97
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.04	39.80



QPSK

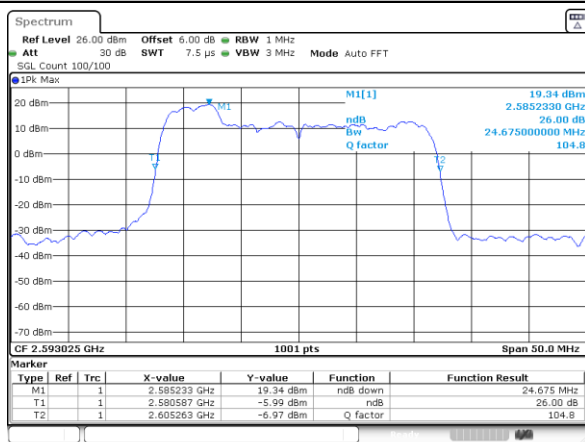
Middle Channel / 5MHz+20MHz



Date: 12.FEB.2023 19:25:19

16QAM

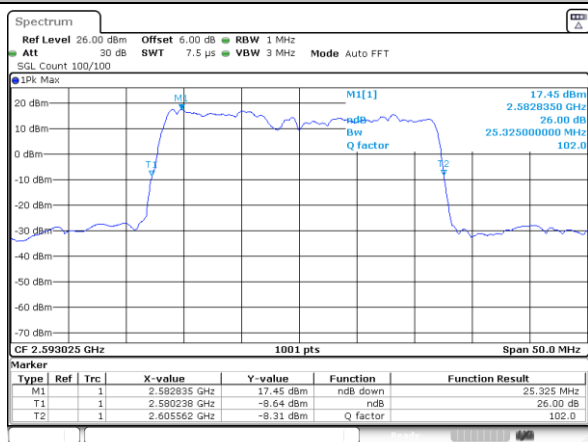
Middle Channel / 5MHz+20MHz



Date: 12.FEB.2023 19:24:49

QPSK

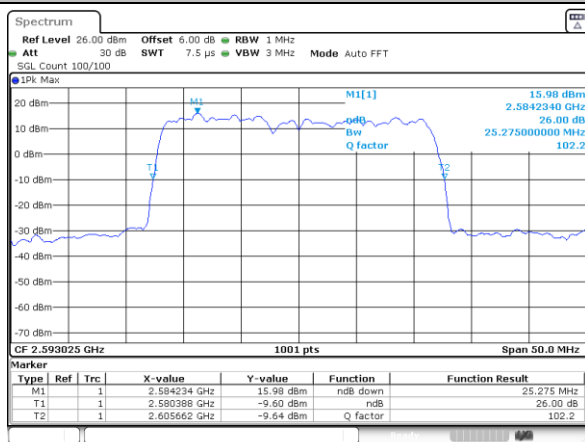
Middle Channel / 10MHz+15MHz



Date: 12.FEB.2023 19:30:50

16QAM

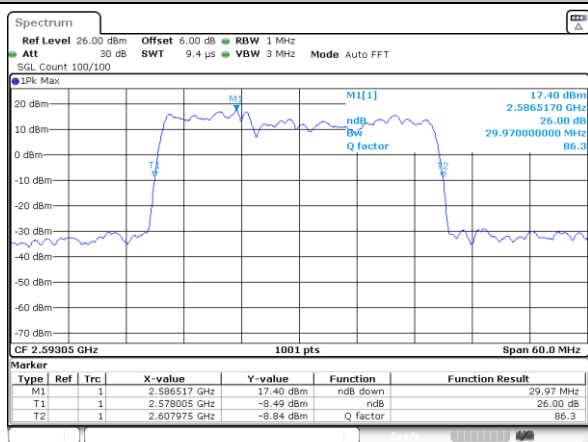
Middle Channel / 10MHz+15MHz



Date: 12.FEB.2023 19:30:20

QPSK

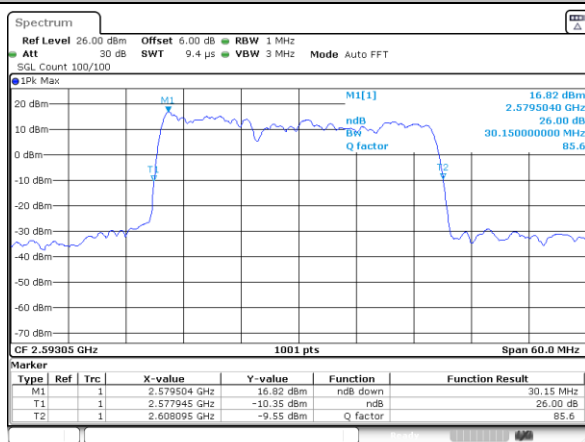
Middle Channel / 10MHz+20MHz



Date: 12.FEB.2023 19:36:13

16QAM

Middle Channel / 10MHz+20MHz

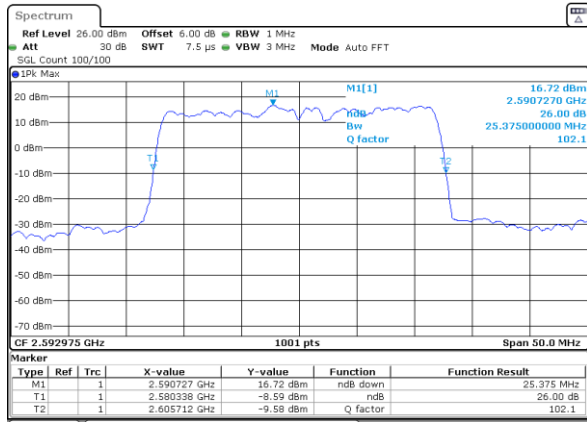


Date: 12.FEB.2023 19:35:43



QPSK

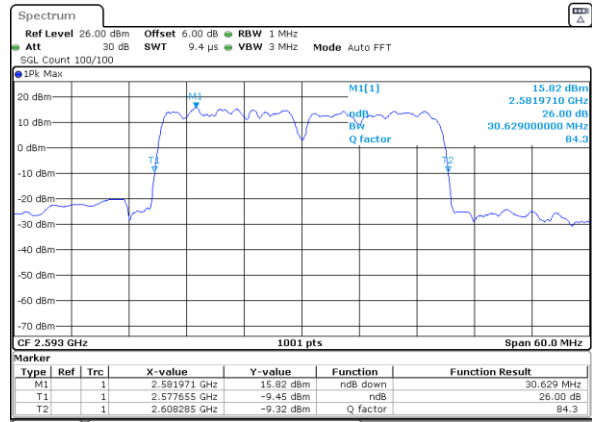
Middle Channel /15MHz+10MHz



Date: 12.FEB.2023 19:32:28

16QAM

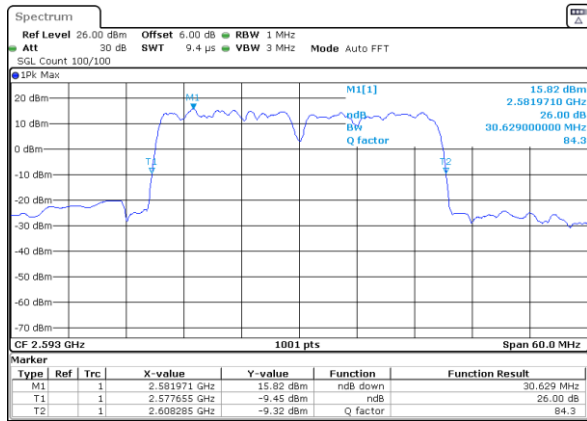
Middle Channel / 15MHz+10MHz



Date: 12.FEB.2023 19:41:27

QPSK

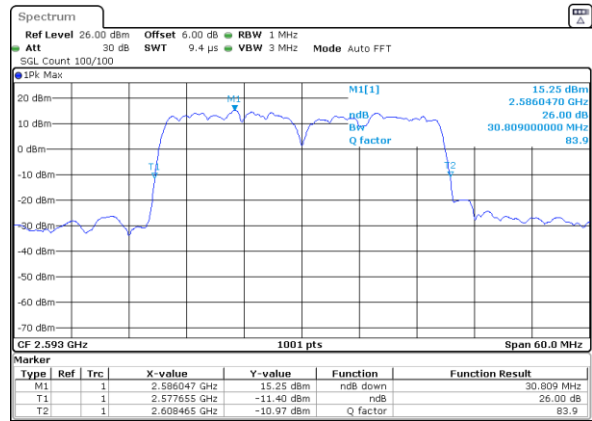
Middle Channel / 15MHz+15MHz



Date: 12.FEB.2023 19:41:27

16QAM

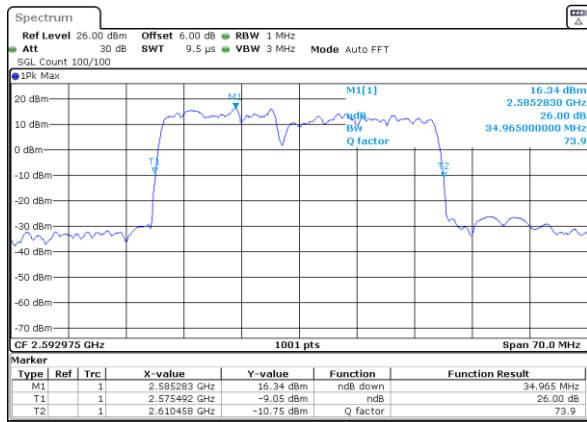
Middle Channel / 15MHz+15MHz



Date: 12.FEB.2023 19:40:58

QPSK

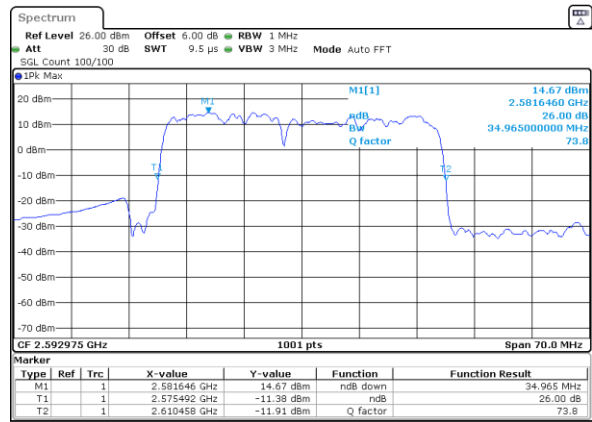
Middle Channel / 15MHz+20MHz



Date: 12.FEB.2023 19:42:03

16QAM

Middle Channel / 15MHz+20MHz

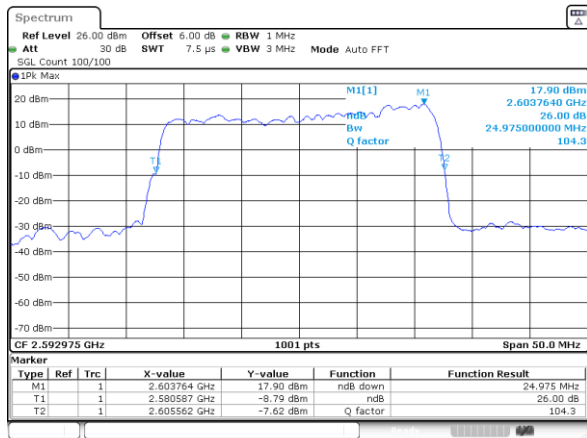


Date: 12.FEB.2023 19:42:33



QPSK

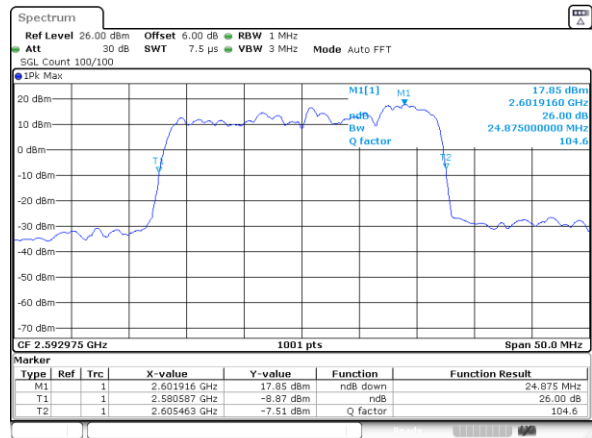
Middle Channel / 20MHz+5MHz



Date: 12.FEB.2023 19:25:55

16QAM

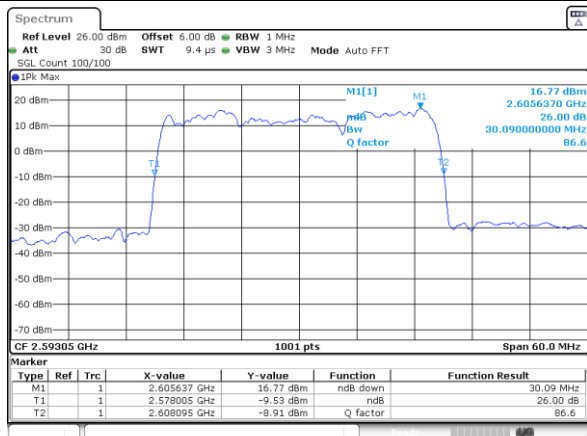
Middle Channel / 20MHz+5MHz



Date: 12.FEB.2023 19:26:24

QPSK

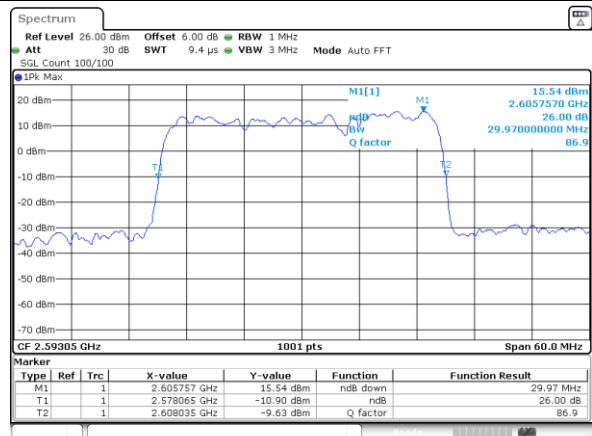
Middle Channel / 20MHz+10MHz



Date: 12.FEB.2023 19:37:23

16QAM

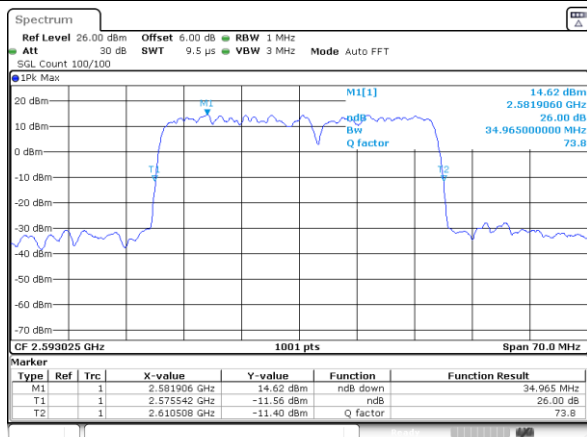
Middle Channel / 20MHz+10MHz



Date: 12.FEB.2023 19:37:53

QPSK

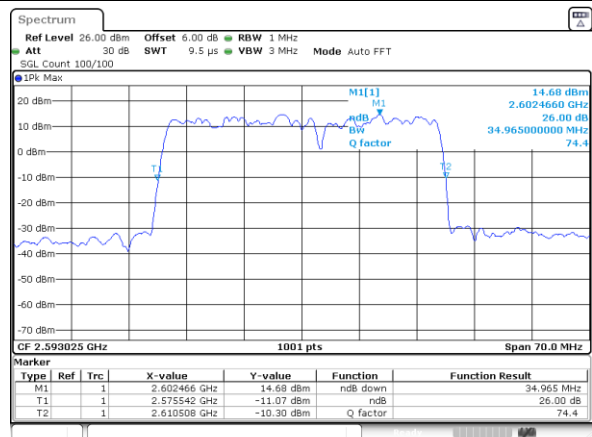
Middle Channel / 20MHz+15MHz



Date: 12.FEB.2023 19:45:49

16QAM

Middle Channel / 20MHz+15MHz

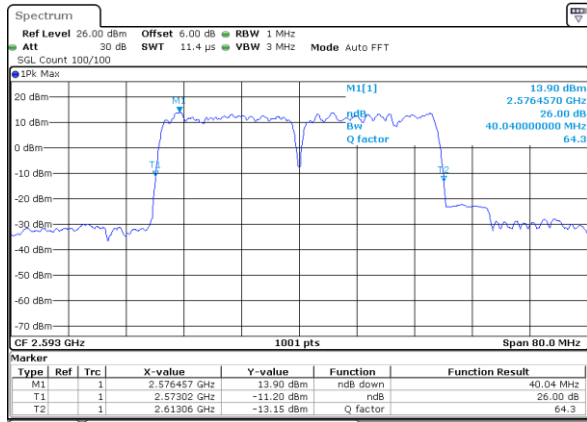


Date: 12.FEB.2023 19:45:20



QPSK

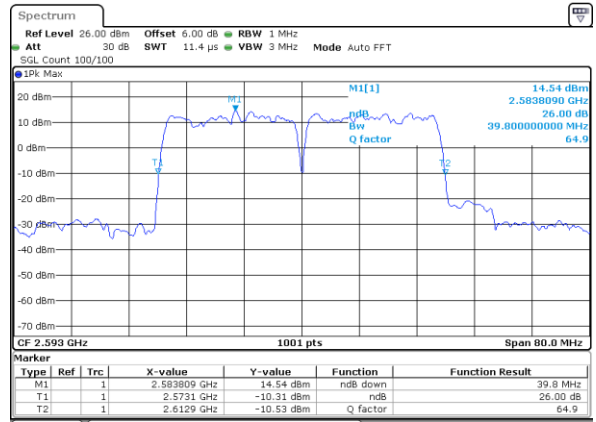
Middle Channel / 20MHz+20MHz



Date: 8.FEB.2023 02:26:53

16QAM

Middle Channel / 20MHz+20MHz



Date: 8.FEB.2023 02:25:44

Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.23	23.28
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	23.48	23.48
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.23	27.81
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	23.38	23.38
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.71	28.53
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.87	32.87
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.48	23.33
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.05	28.17
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.87	32.94
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.56	37.64



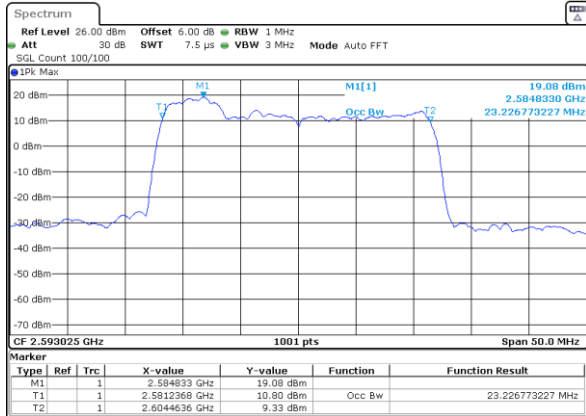
LTE Band 41C

QPSK

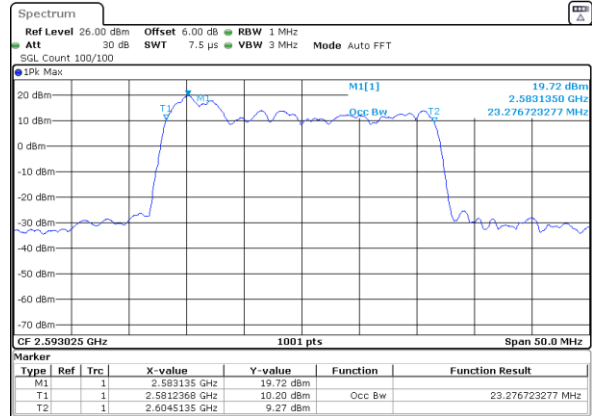
16QAM

Middle Channel / 5MHz+20MHz

Middle Channel / 5MHz+20MHz



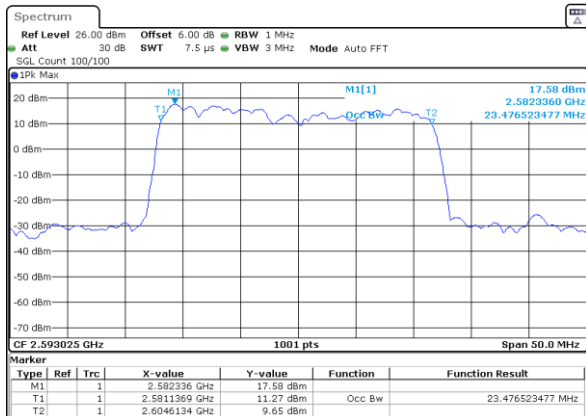
Date: 12.FEB.2023 19:23:50



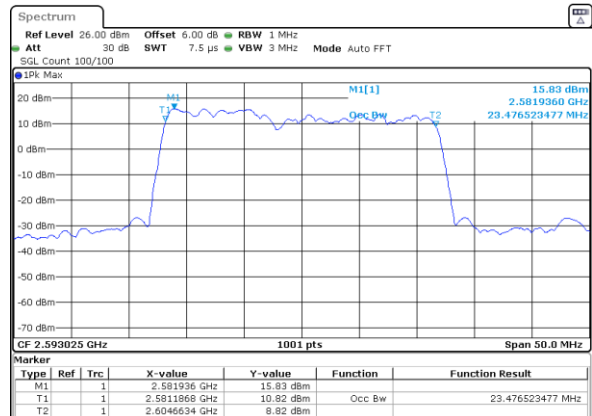
Date: 12.FEB.2023 19:24:20

Middle Channel / 10MHz+15MHz

Middle Channel / 10MHz+15MHz



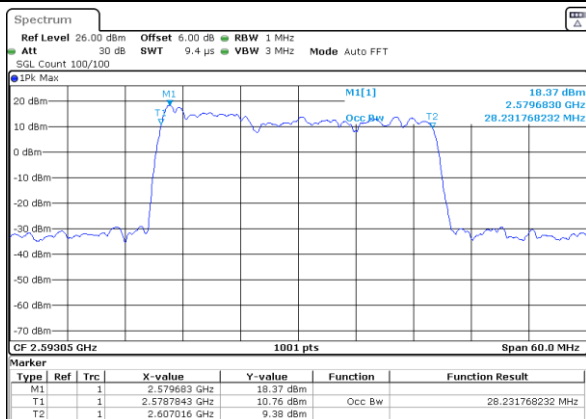
Date: 12.FEB.2023 19:29:22



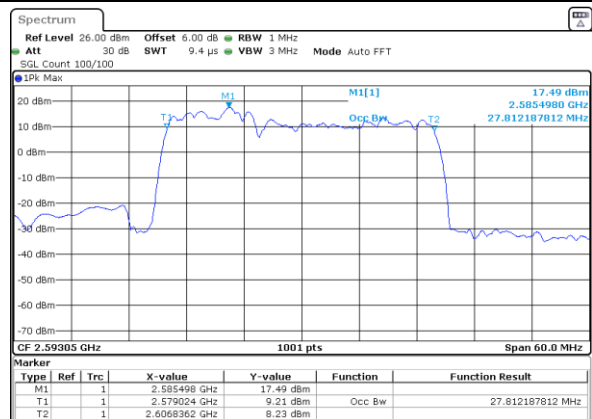
Date: 12.FEB.2023 19:29:51

Middle Channel / 10MHz+20MHz

Middle Channel / 10MHz+20MHz



Date: 12.FEB.2023 19:34:44



Date: 12.FEB.2023 19:35:14



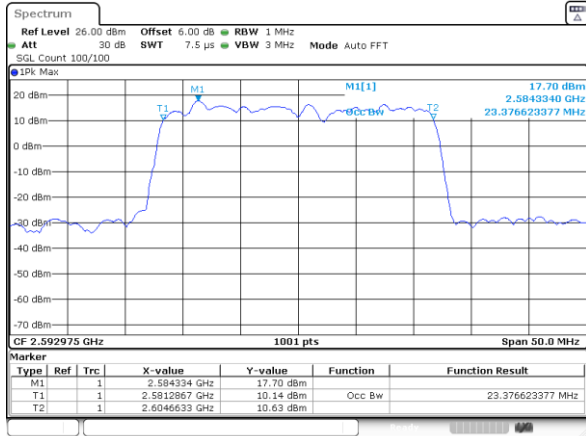
LTE Band 41C

QPSK

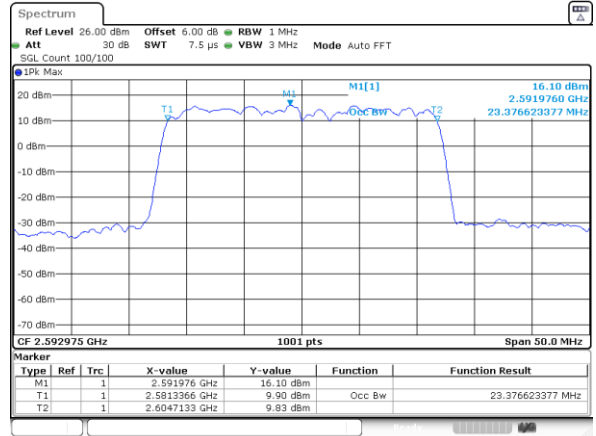
16QAM

Middle Channel / 15MHz+10MHz

Middle Channel / 15MHz+10MHz



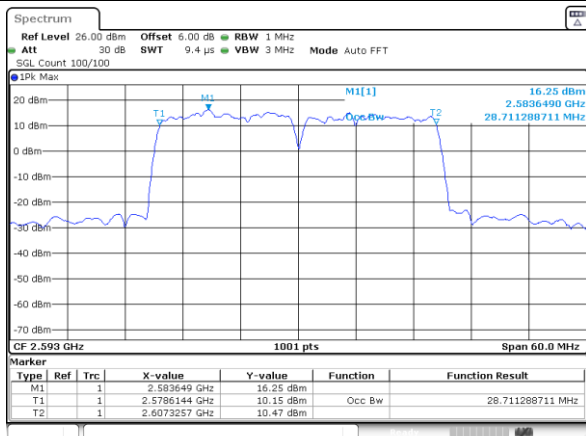
Date: 12.FEB.2023 19:33:56



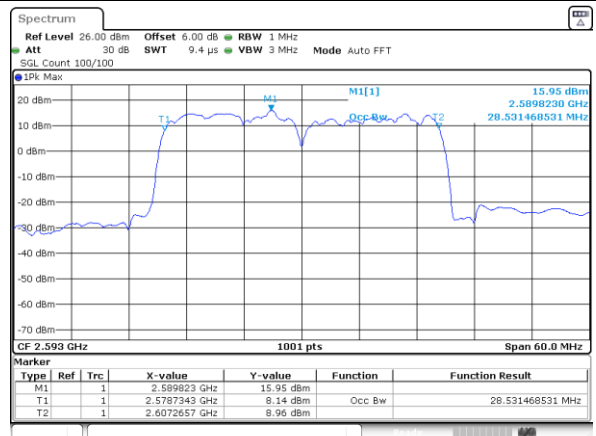
Date: 12.FEB.2023 19:33:27

Middle Channel / 15MHz+15MHz

Middle Channel / 15MHz+15MHz



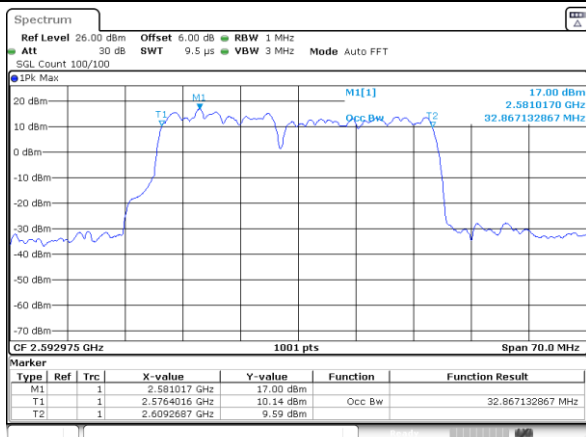
Date: 12.FEB.2023 19:39:59



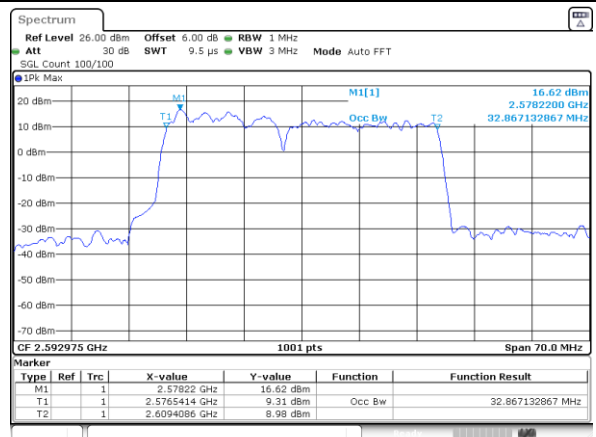
Date: 12.FEB.2023 19:40:29

Middle Channel / 15MHz+20MHz

Middle Channel / 15MHz+20MHz



Date: 12.FEB.2023 19:43:32



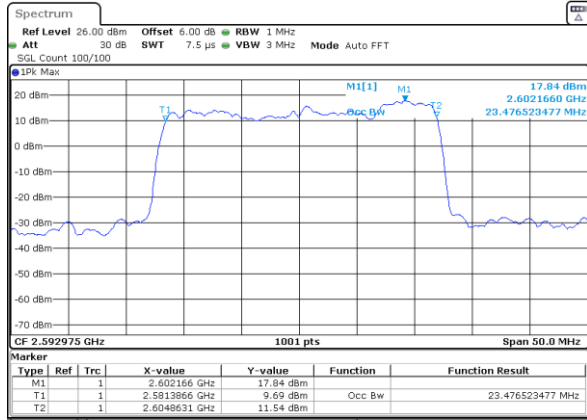
Date: 12.FEB.2023 19:43:02



LTE Band 41C

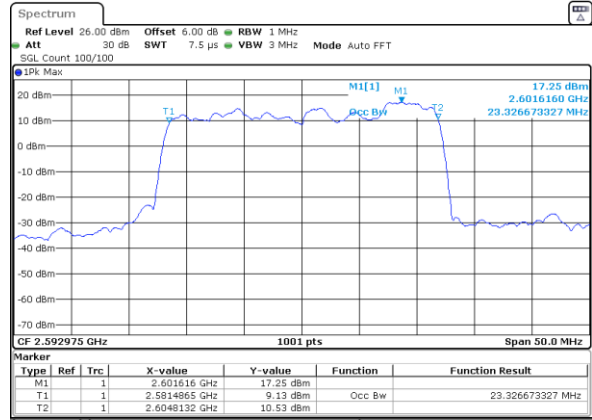
QPSK

Middle Channel / 20MHz+5MHz

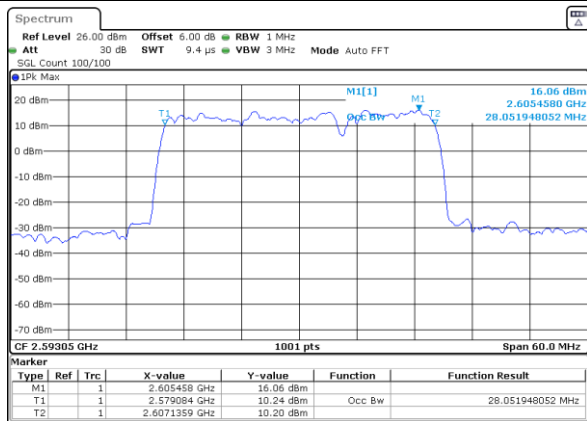


16QAM

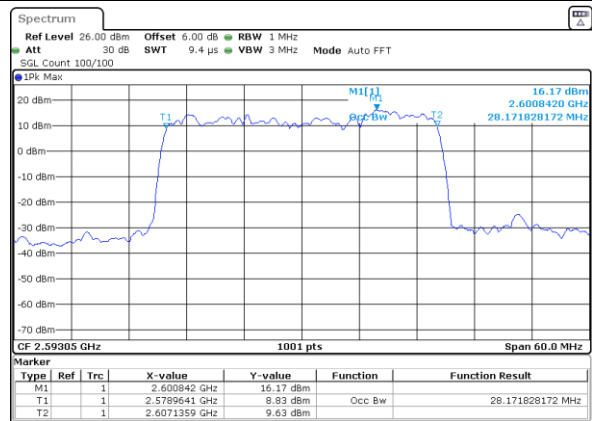
Middle Channel / 20MHz+5MHz



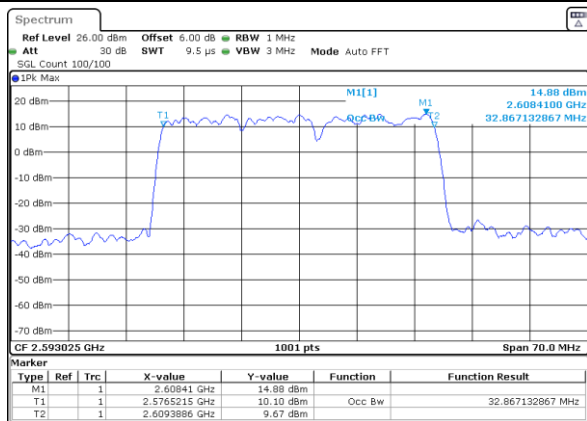
Middle Channel / 20MHz+10MHz



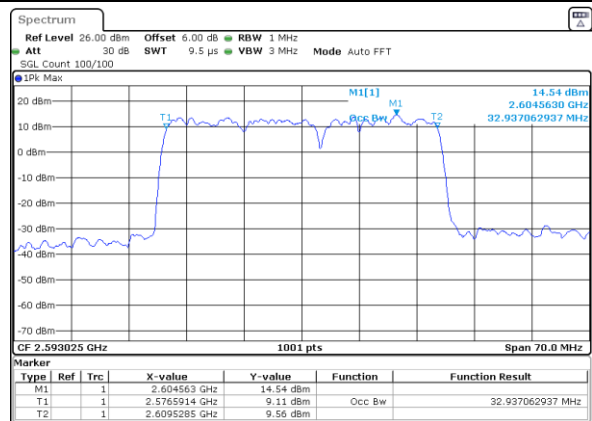
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

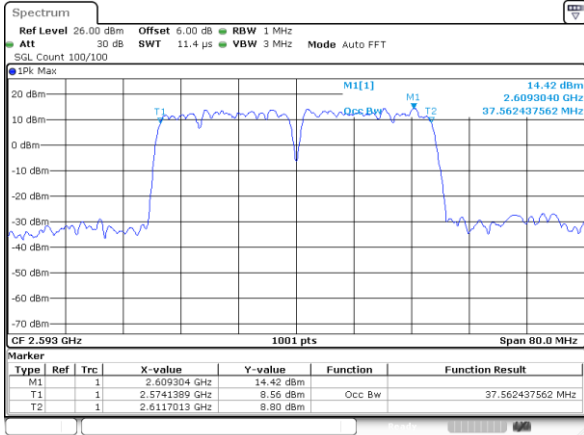


Middle Channel / 20MHz+15MHz



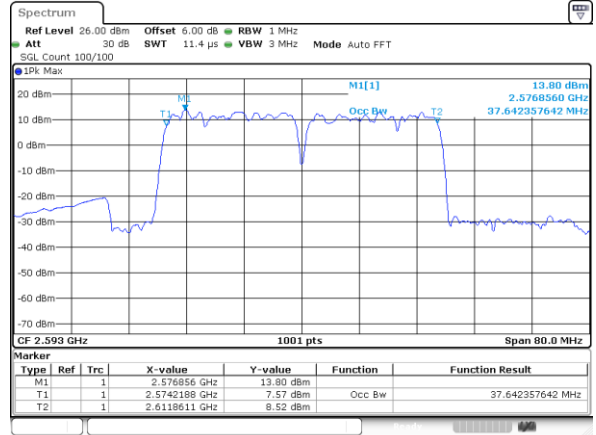


Middle Channel / 20MHz+20MHz



Date: 8.FEB.2023 02:26:21

Middle Channel / 20MHz+20MHz



Date: 8.FEB.2023 02:25:12

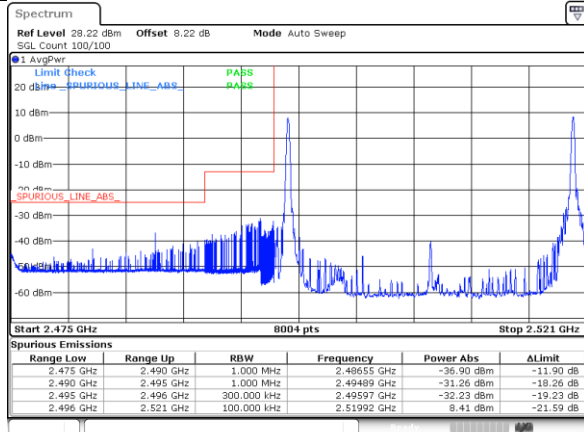


Conducted Band Edge

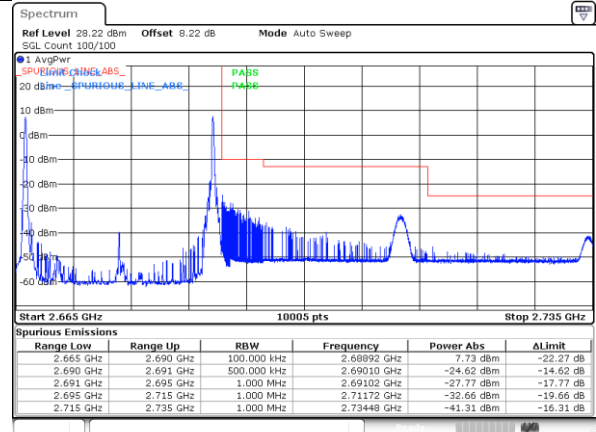
LTE Band 41C / 5MHz+20MHz

QPSK

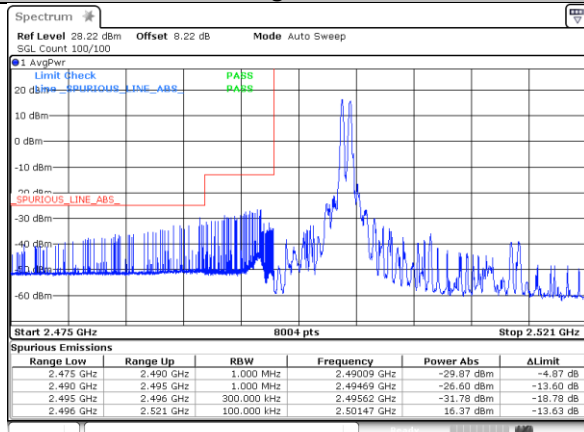
Lowest Band Edge / 1RB0 and 1RB99



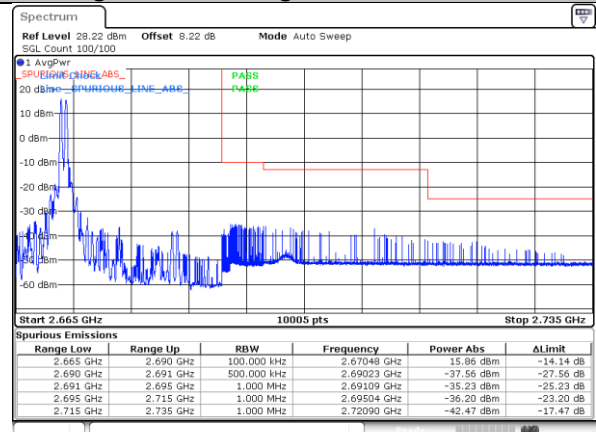
Highest Band Edge / 1RB0 and 1RB99



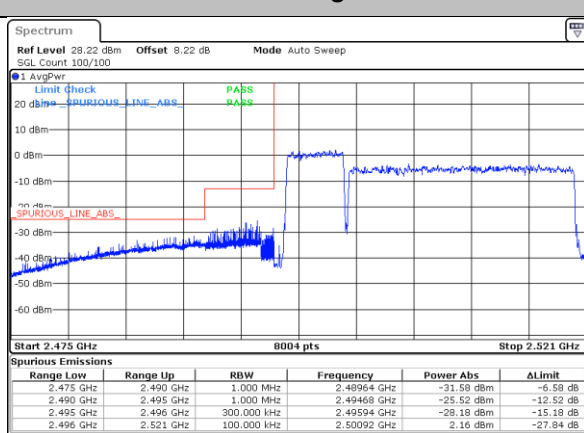
Lowest Band Edge / 1RB24 and 1RB0



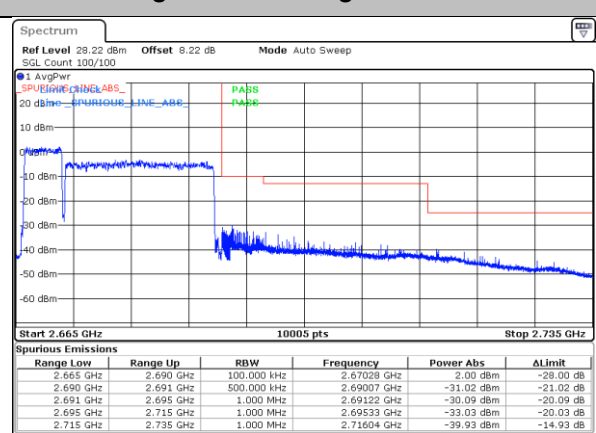
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

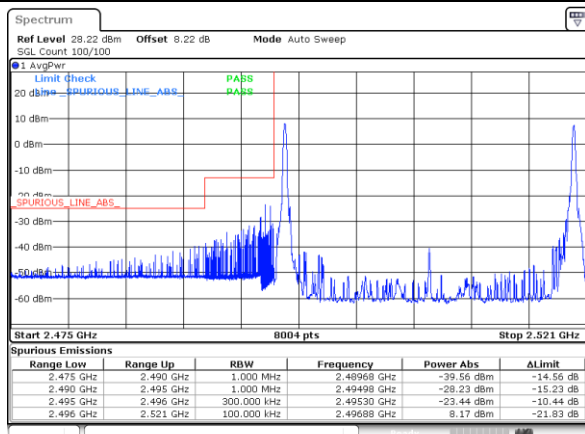




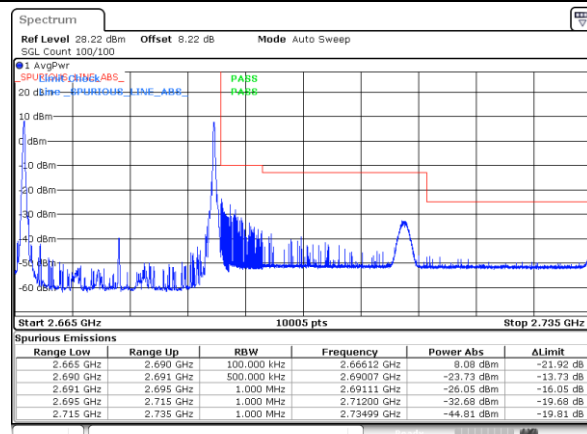
LTE Band 41C /10MHz+15MHz

QPSK

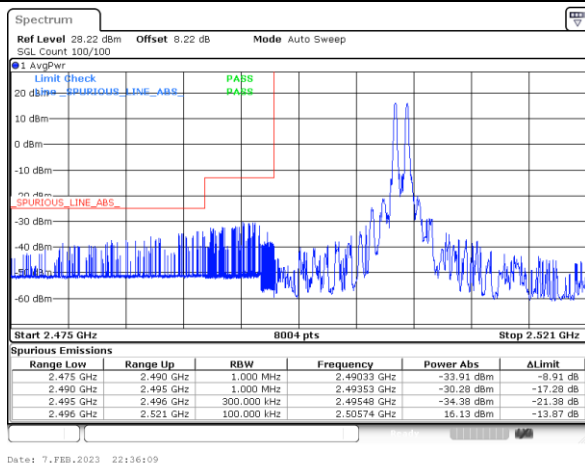
Lowest Band Edge / 1RB0 and 1RB74



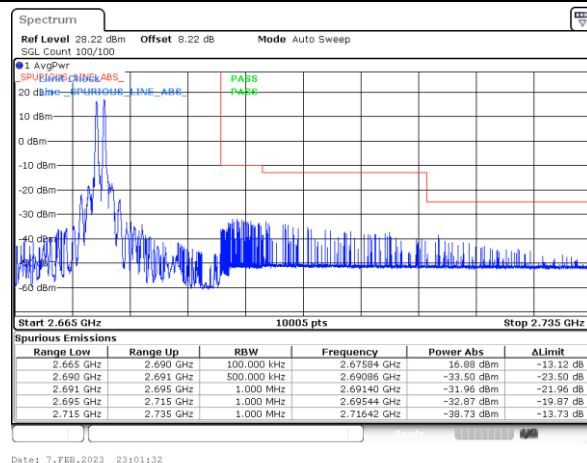
Highest Band Edge / 1RB0 and 1RB74



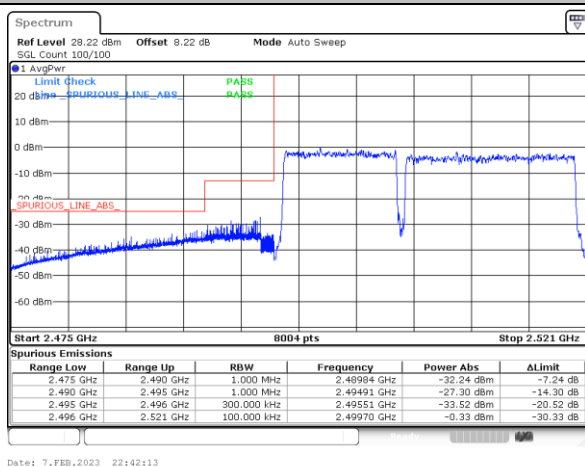
Lowest Band Edge / 1RB49 and 1RB0



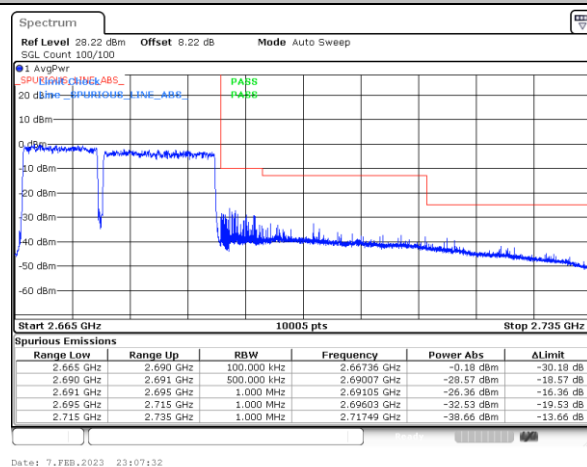
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

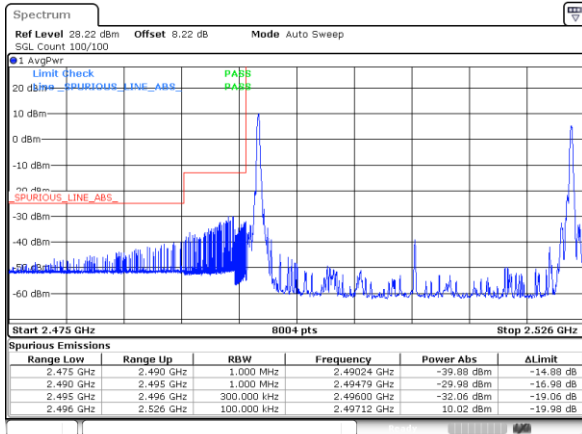




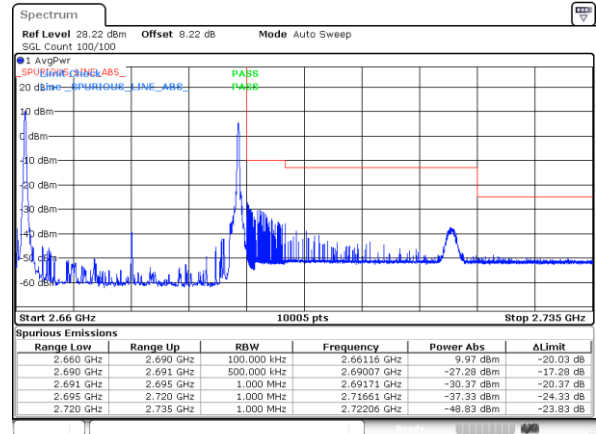
LTE Band 41C / 10MHz+20MHz

QPSK

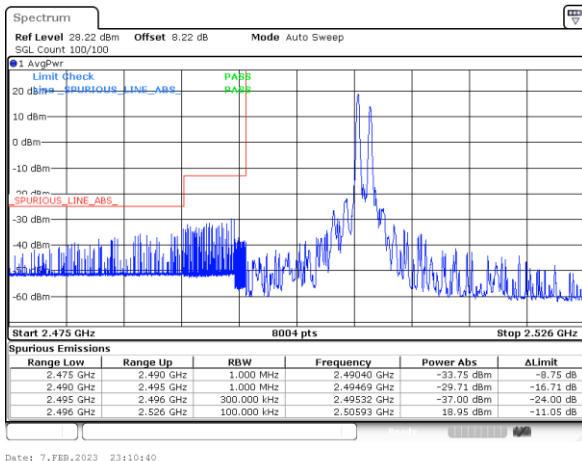
Lowest Band Edge / 1RB0 and 1RB99



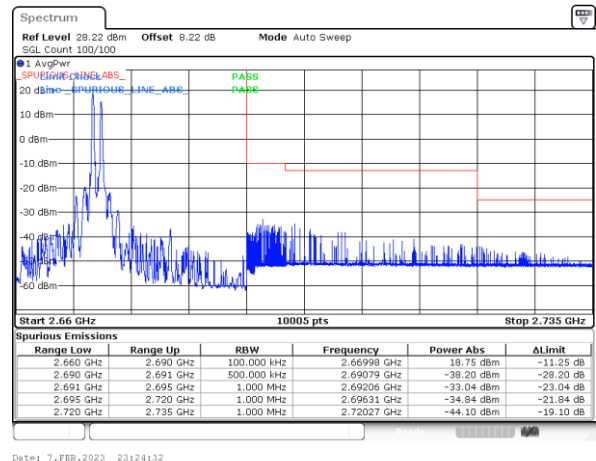
Highest Band Edge / 1RB0 and 1RB99



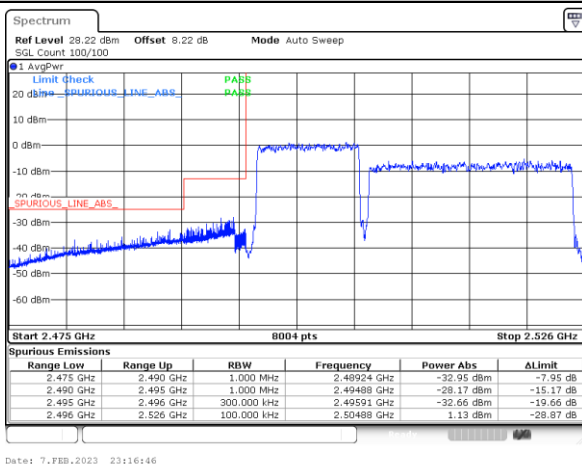
Lowest Band Edge / 1RB49 and 1RB0



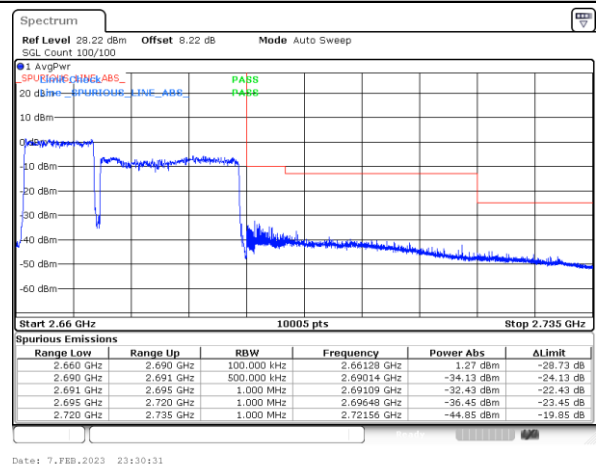
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

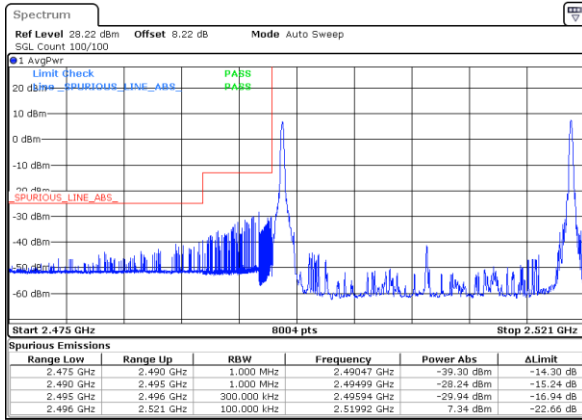




LTE Band 41C / 15MHz+10MHz

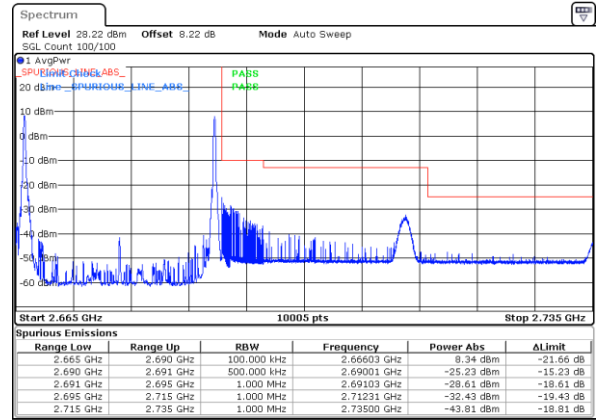
QPSK

Lowest Band Edge / 1RB0 and 1RB49



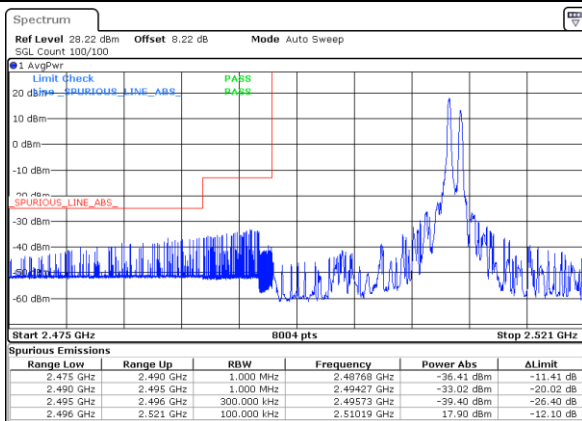
Date: 7.FEB.2023 23:38:42

Highest Band Edge / 1RB0 and 1RB49



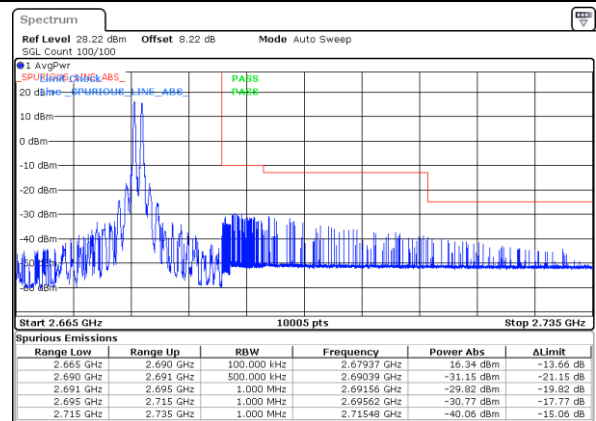
Date: 7.FEB.2023 23:52:27

Lowest Band Edge / 1RB74 and 1RB0



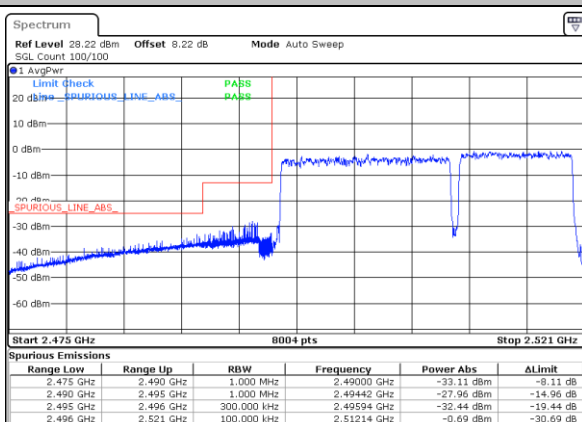
Date: 7.FEB.2023 23:33:38

Highest Band Edge / 1RB74 and 1RB0



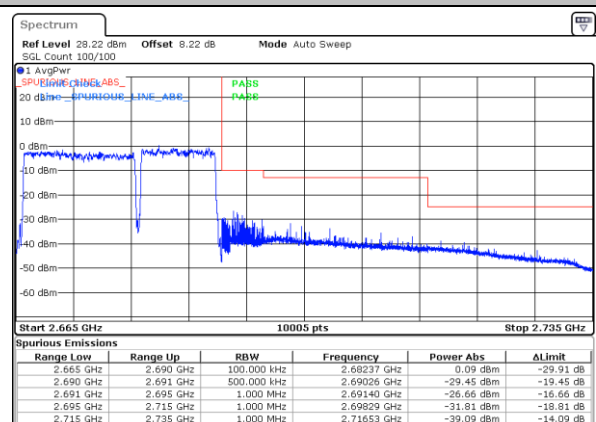
Date: 7.FEB.2023 23:47:28

Lowest Band Edge / Full RB



Date: 7.FEB.2023 23:39:43

Highest Band Edge / Full RB



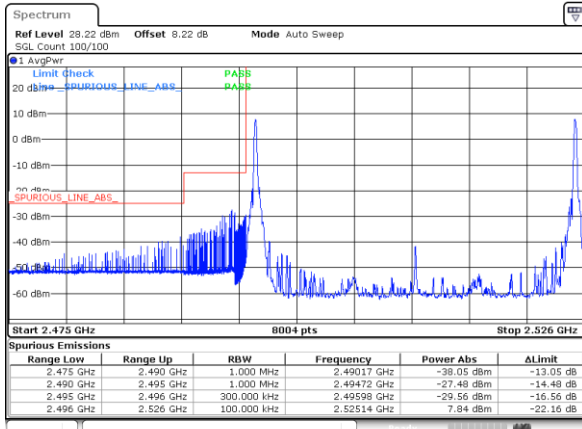
Date: 7.FEB.2023 23:53:27



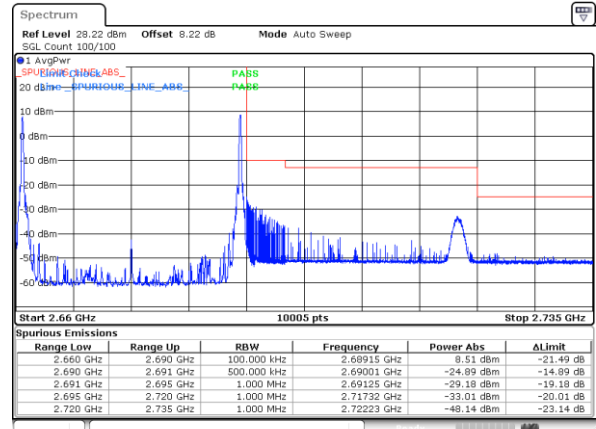
LTE Band 41C / 15MHz+15MHz

QPSK

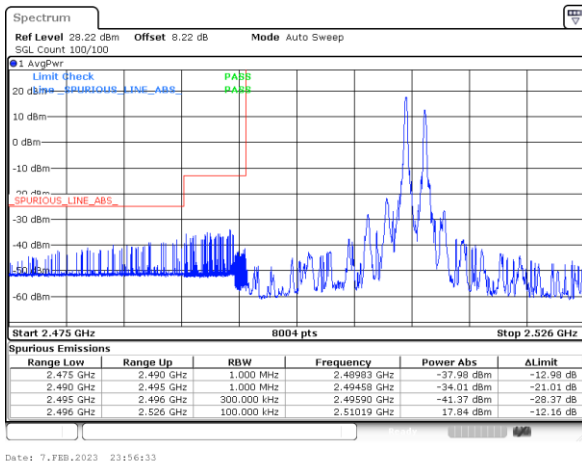
Lowest Band Edge / 1RB0 and 1RB74



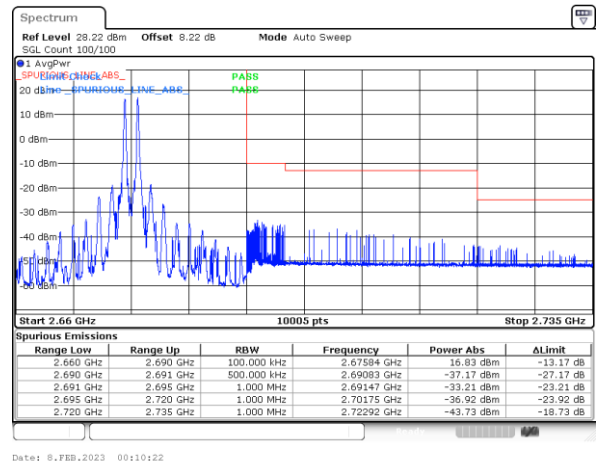
Highest Band Edge / 1RB0 and 1RB74



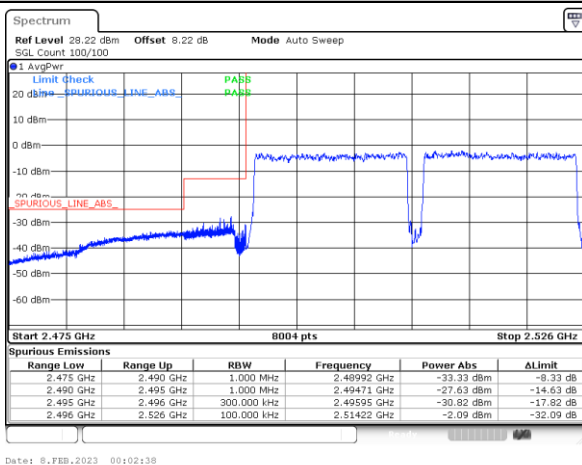
Lowest Band Edge / 1RB74 and 1RB0



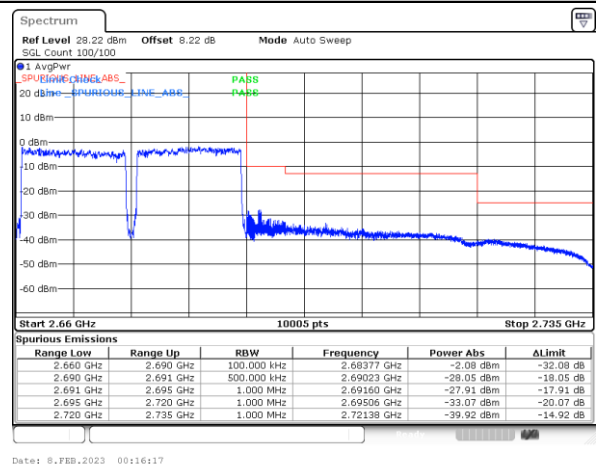
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

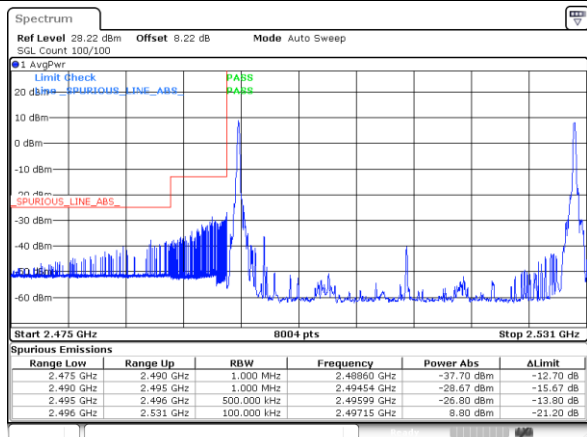




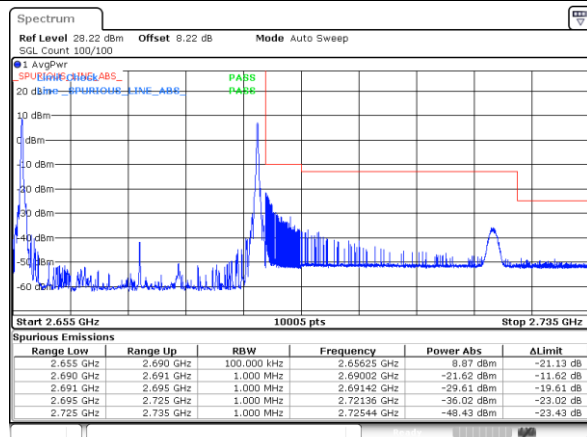
LTE Band 41C / 15MHz+20MHz

QPSK

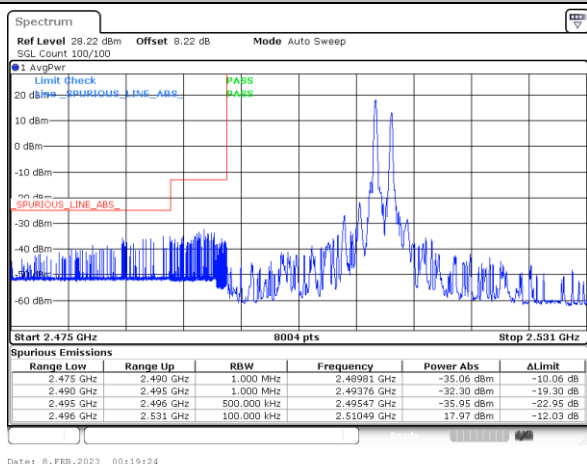
Lowest Band Edge / 1RB0 and 1RB99



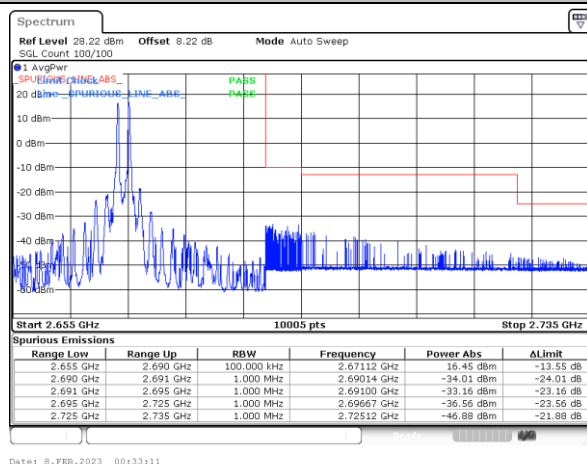
Highest Band Edge / 1RB0 and 1RB99



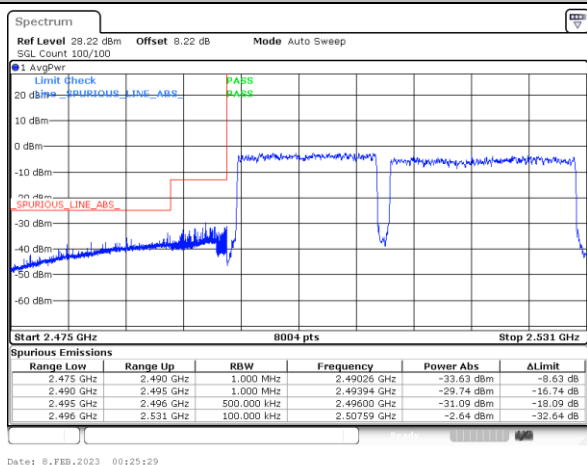
Lowest Band Edge / 1RB74and 1RB0



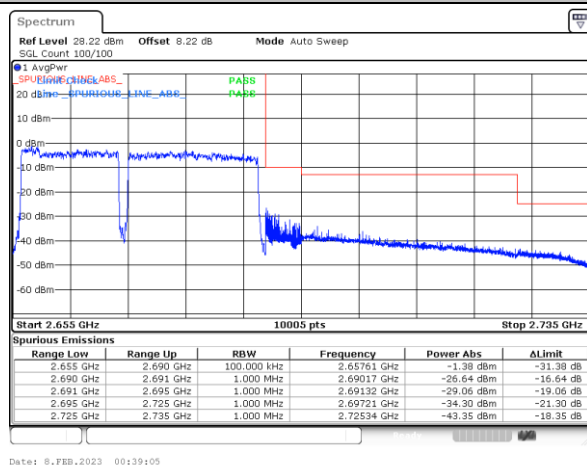
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

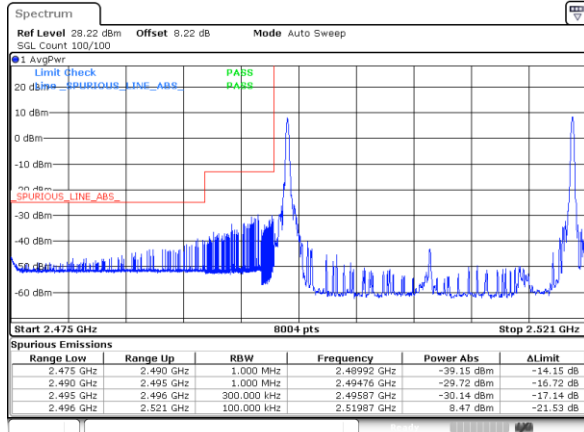




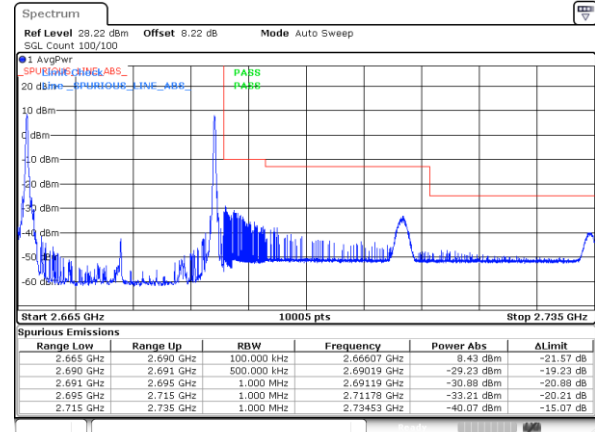
LTE Band 41C / 20MHz+5MHz

QPSK

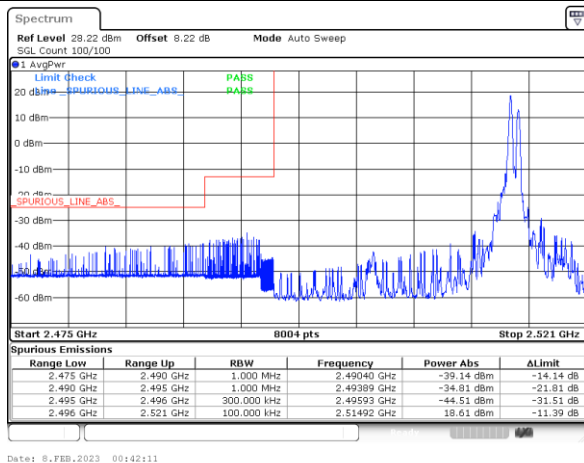
Lowest Band Edge / 1RB0 and 1RB24



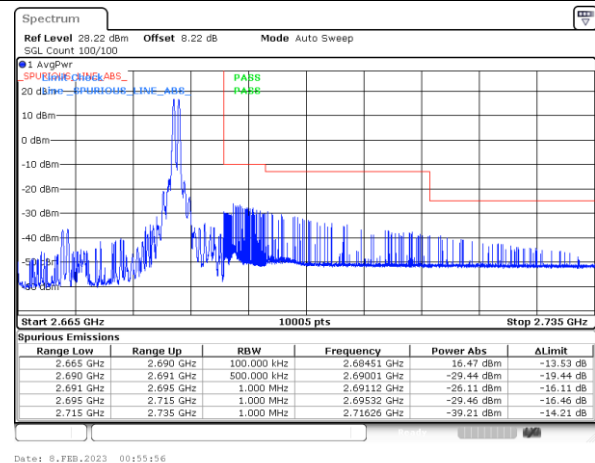
Highest Band Edge / 1RB0 and 1RB24



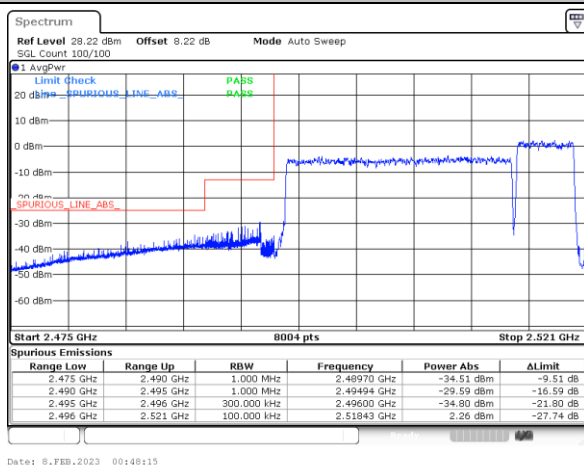
Lowest Band Edge / 1RB99and 1RB0



Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

