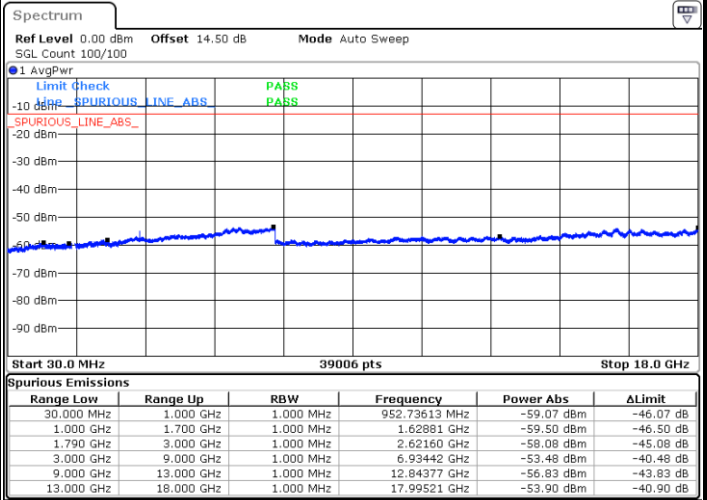
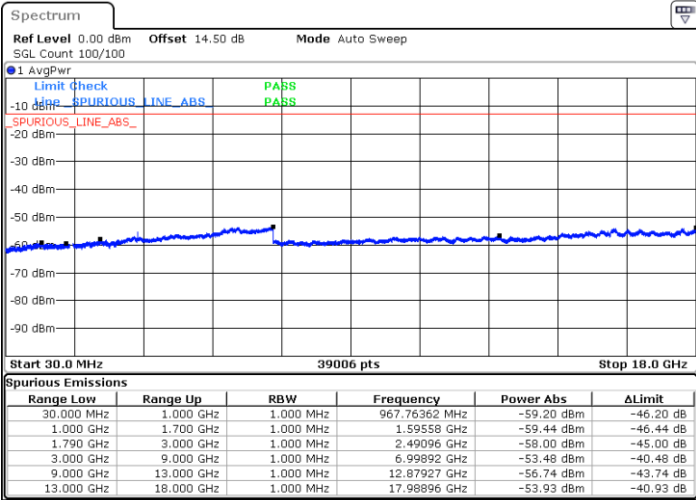




LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

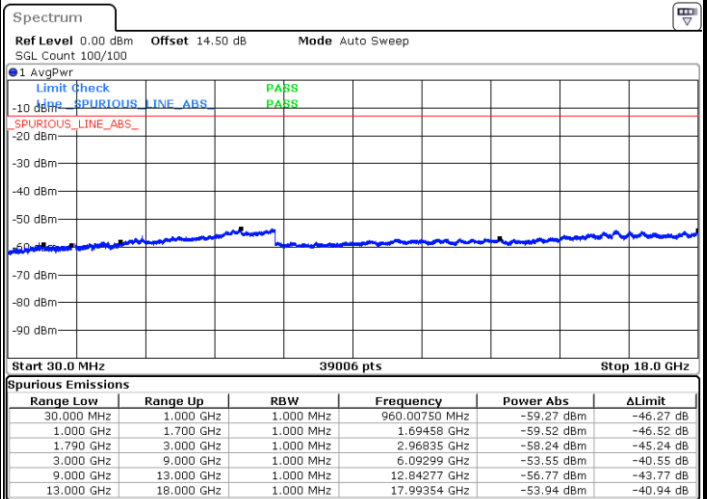
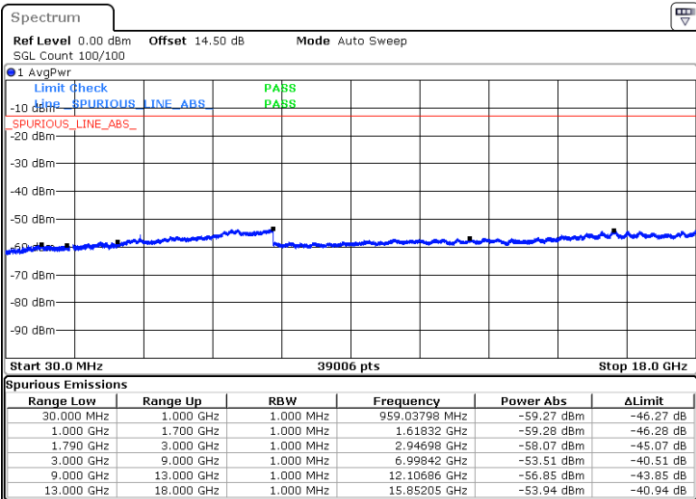


Date: 18.JAN.2023 08:02:22

Date: 18.JAN.2023 08:03:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.JAN.2023 08:05:51

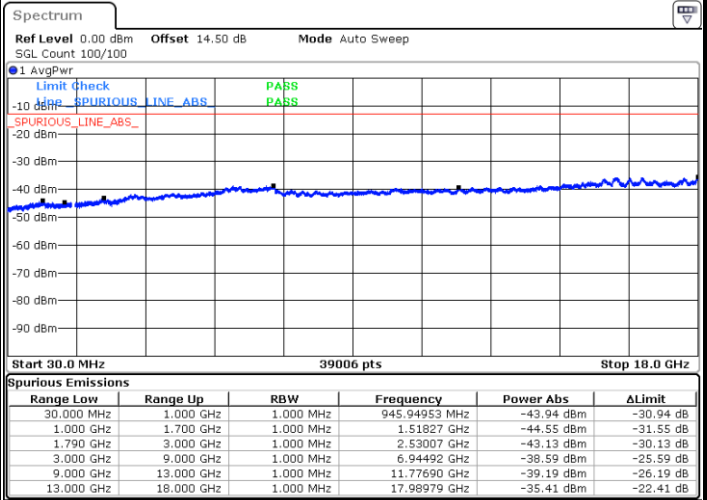
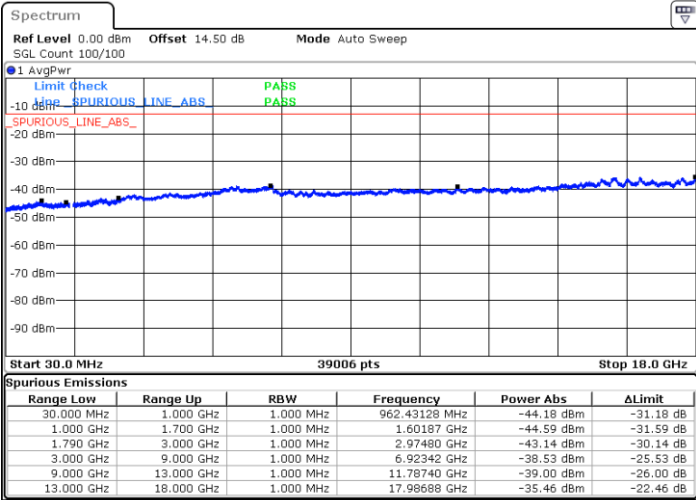
Date: 18.JAN.2023 08:06:52



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

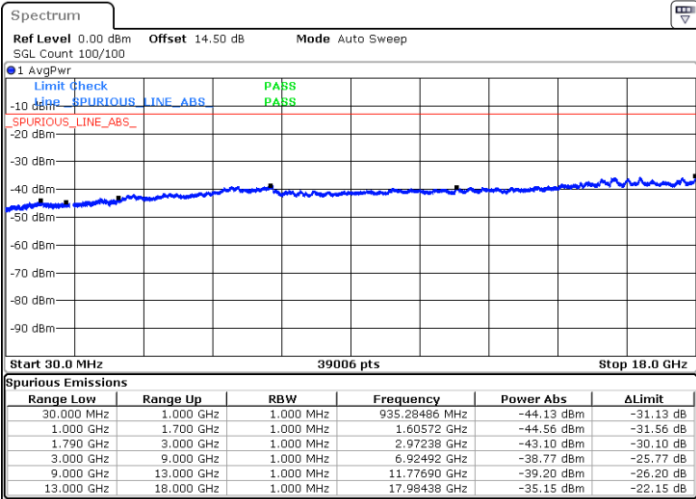
Middle Channel / 64QAM



Date: 18.JAN.2023 06:50:11

Date: 18.JAN.2023 06:51:56

Highest Channel / 64QAM



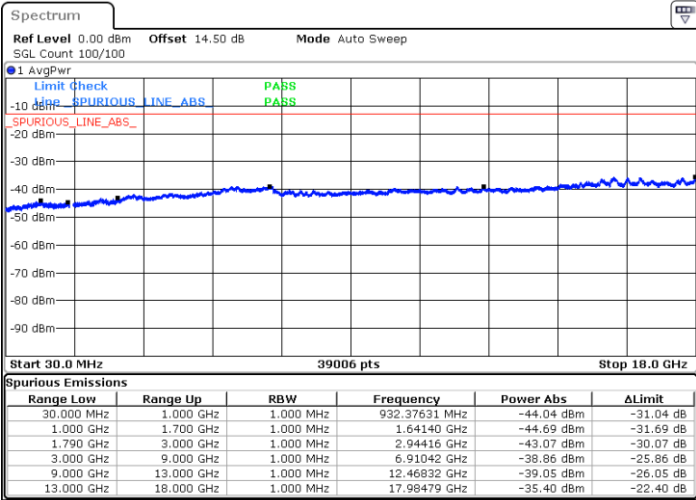
Date: 18.JAN.2023 06:53:40



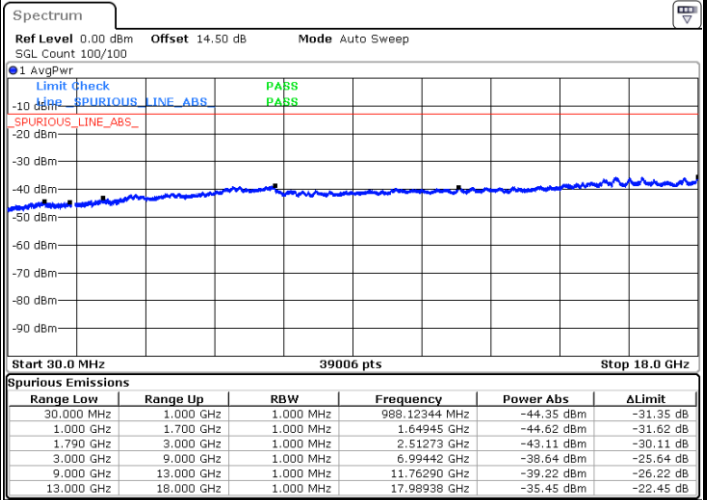
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

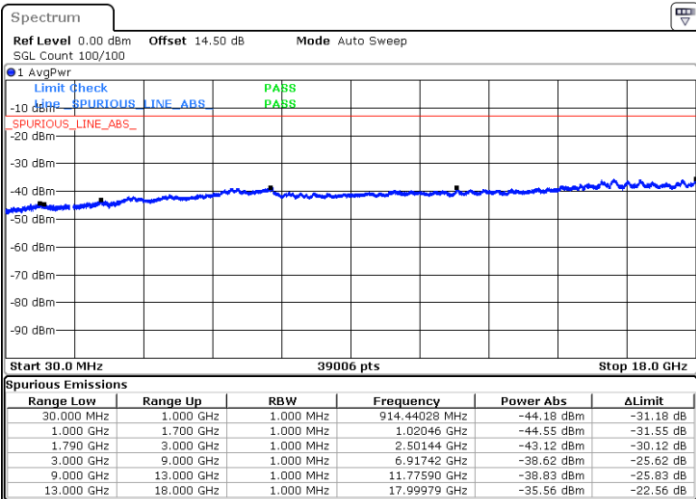


Date: 18.JAN.2023 07:05:52



Date: 18.JAN.2023 07:07:36

Highest Channel / 64QAM

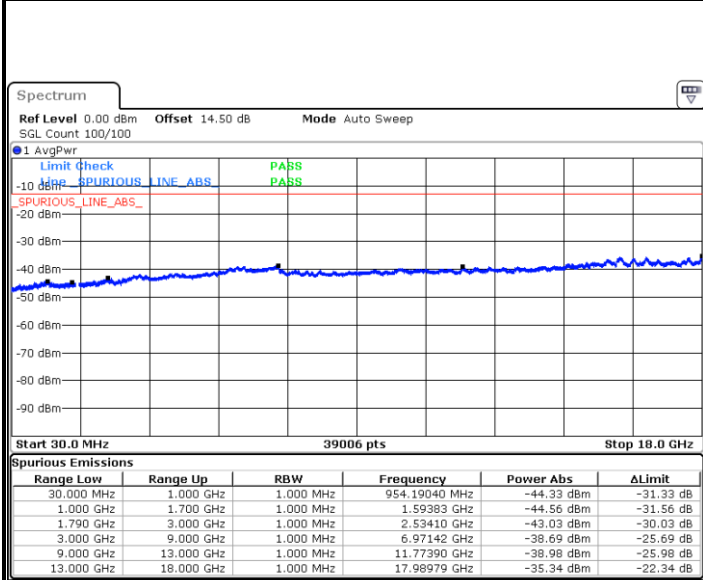


Date: 18.JAN.2023 07:09:21



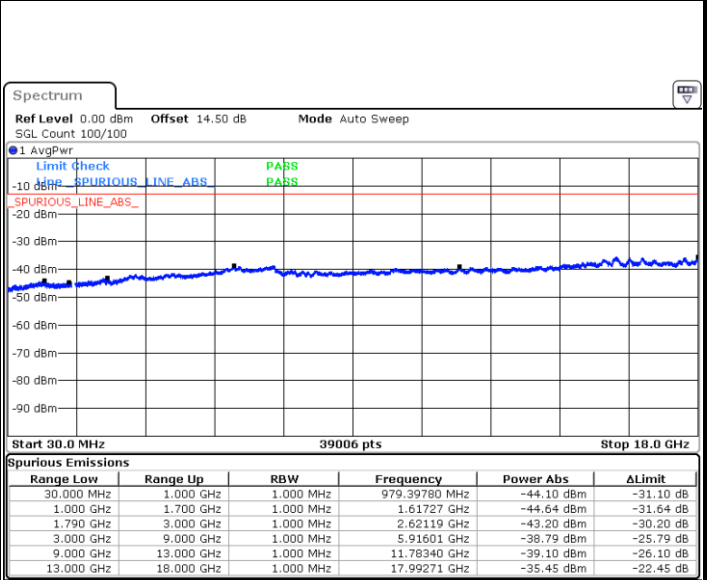
**LTE Band 66 / 5MHz**

**Lowest Channel / 64QAM**



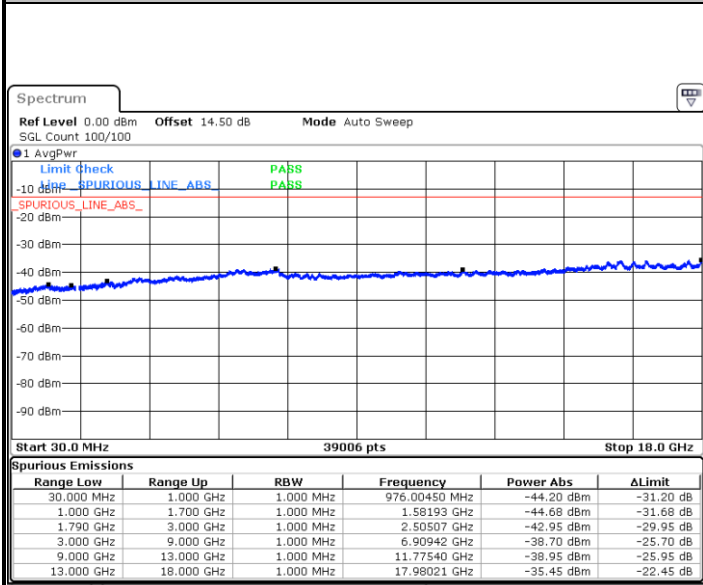
Date: 18.JAN.2023 07:11:06

**Middle Channel / 64QAM**



Date: 18.JAN.2023 07:12:50

**Highest Channel / 64QAM**



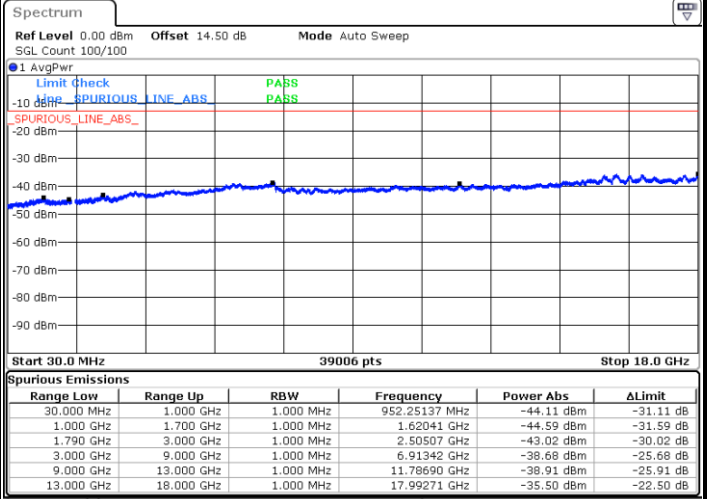
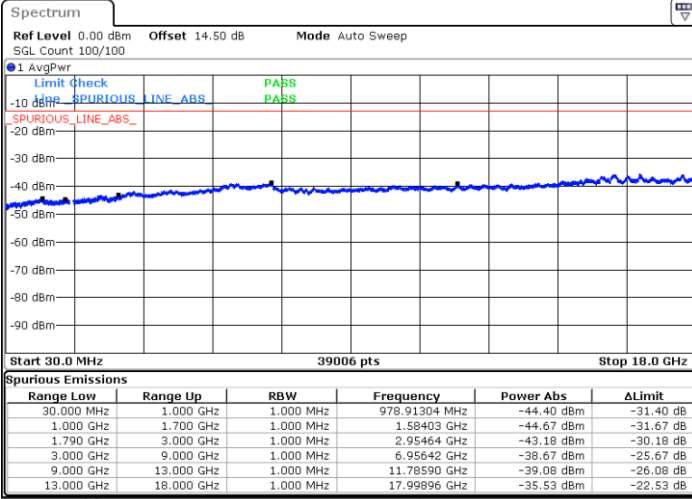
Date: 18.JAN.2023 07:14:35



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

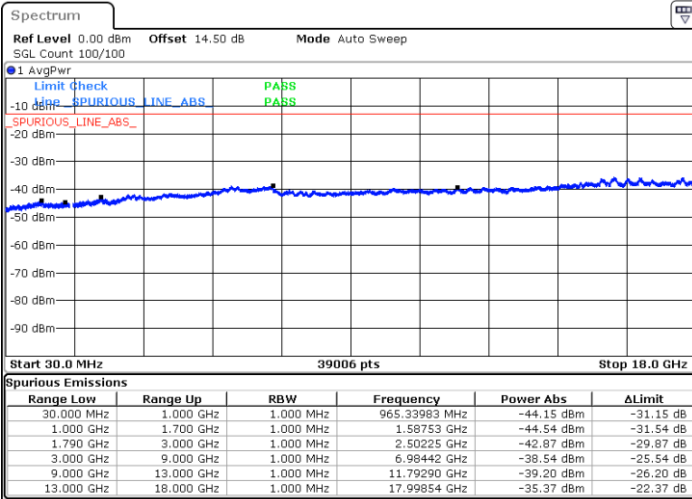
Middle Channel / 64QAM



Date: 18.JAN.2023 07:37:14

Date: 18.JAN.2023 07:38:58

Highest Channel / 64QAM



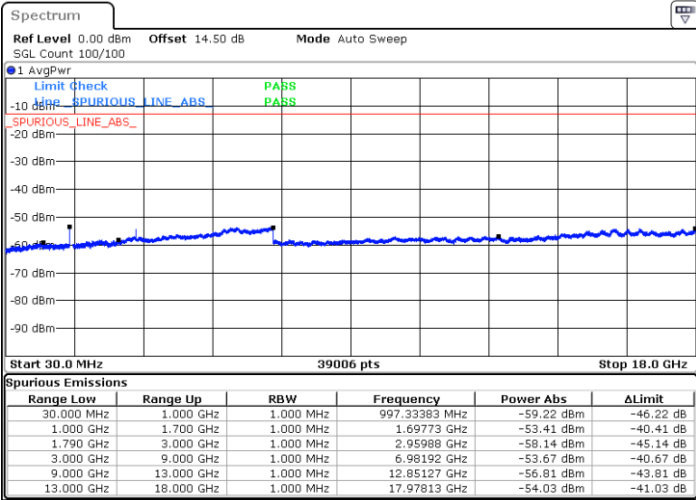
Date: 18.JAN.2023 07:40:43



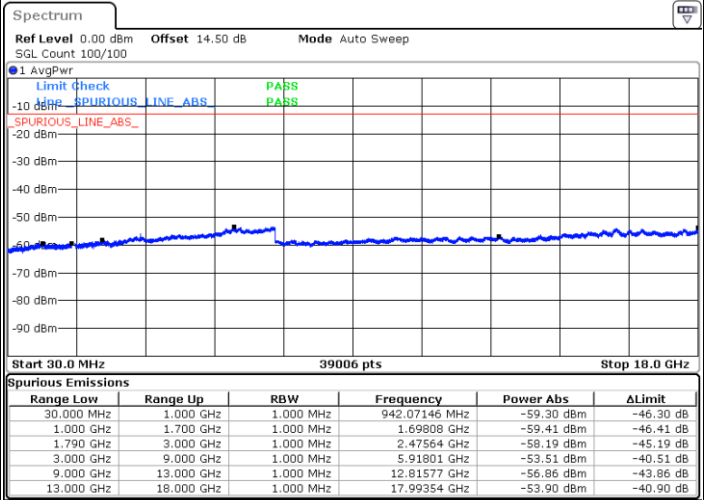
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

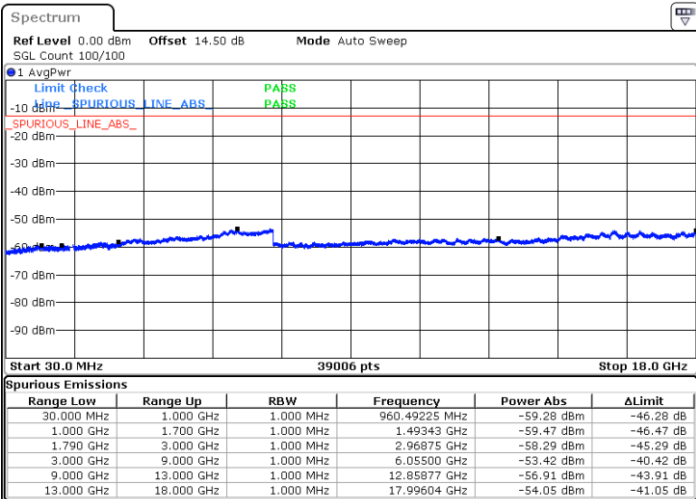


Date: 18.JAN.2023 07:42:27



Date: 18.JAN.2023 07:44:12

Highest Channel / 64QAM



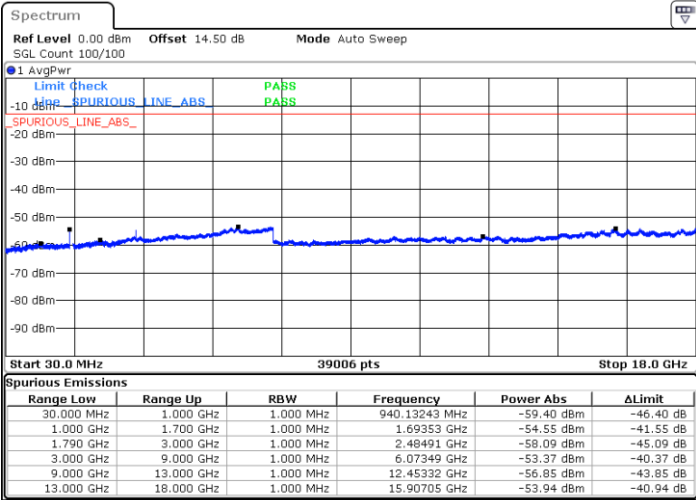
Date: 18.JAN.2023 07:45:56



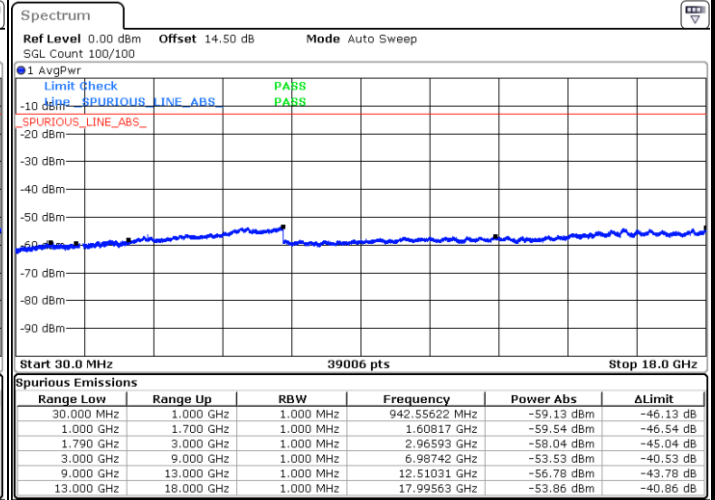
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

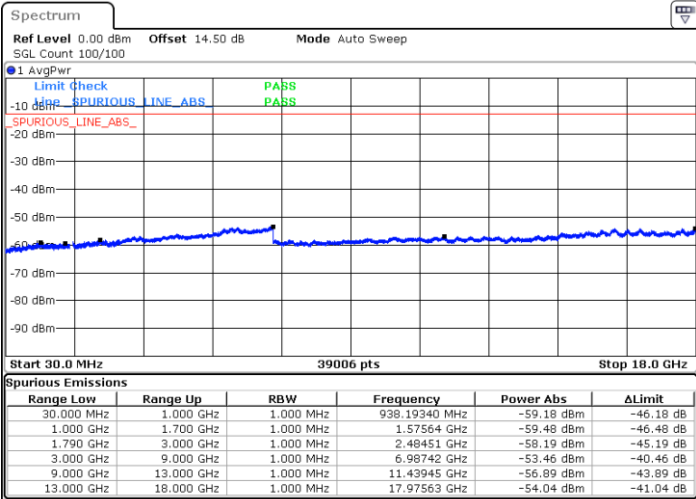


Date: 18.JAN.2023 08:08:36



Date: 18.JAN.2023 08:10:21

Highest Channel / 64QAM



Date: 18.JAN.2023 08:12:05



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





## LTE Band 38C

### 26dB Bandwidth

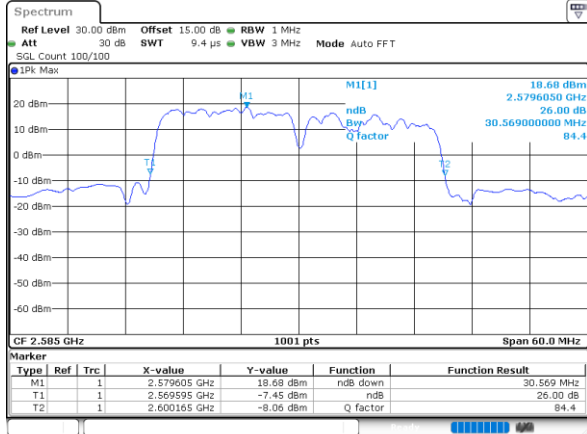
Mode	LTE Band 38C : 26dB BW(MHz)		
	QPSK	16QAM	64QAM
<b>BW</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>
Lowest CH	30.57	30.57	30.57
Middle CH	30.75	30.45	30.51
Highest CH	30.57	30.57	30.51
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
Lowest CH	39.80	39.80	39.96
Middle CH	39.80	39.80	39.64
Highest CH	39.96	39.80	39.80



LTE Band 38C

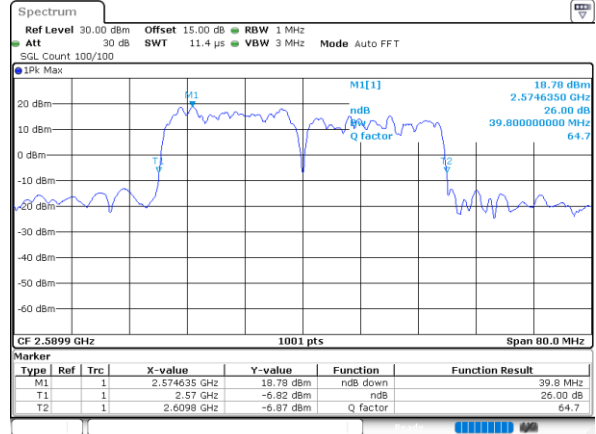
QPSK

Lowest Channel / 15MHz+15MHz



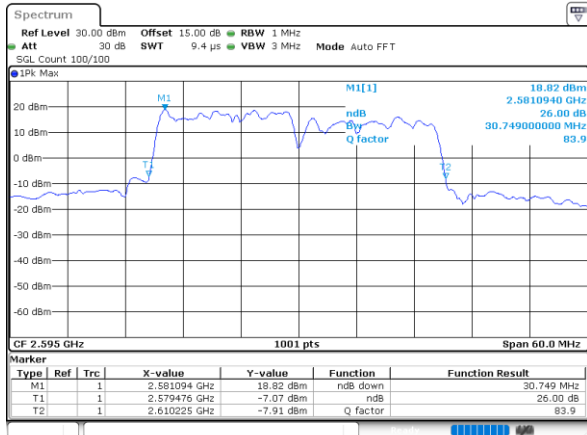
Date: 18\_JAN.2023 09:22:22

Lowest Channel / 20MHz+20MHz



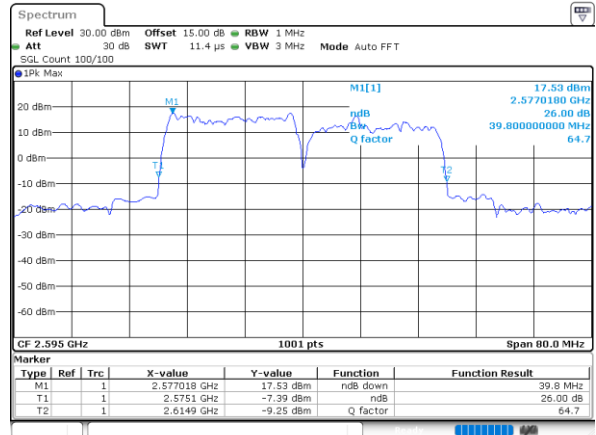
Date: 18\_JAN.2023 09:46:01

Middle Channel / 15MHz+15MHz



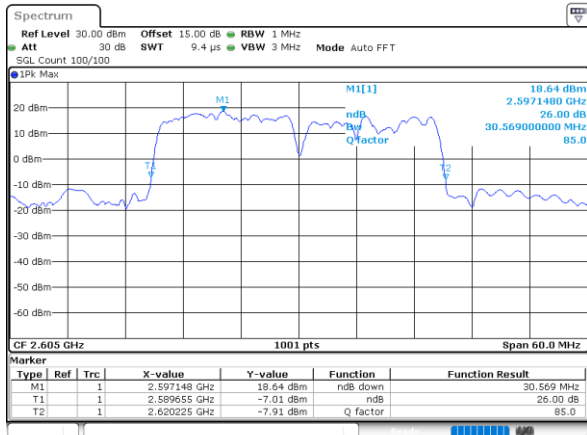
Date: 18\_JAN.2023 09:32:16

Middle Channel / 20MHz+20MHz



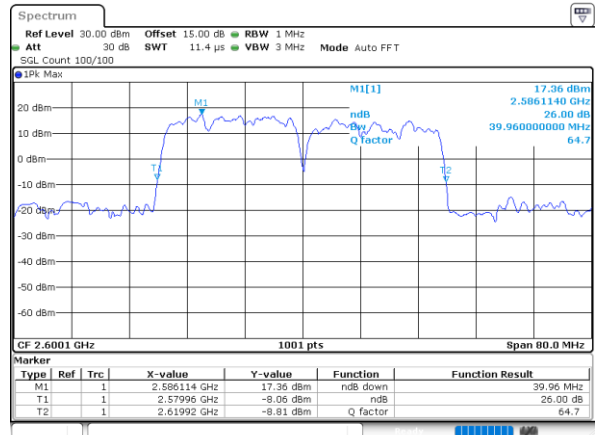
Date: 18\_JAN.2023 09:51:01

Highest Channel / 15MHz+15MHz



Date: 18\_JAN.2023 09:40:07

Highest Channel / 20MHz+20MHz



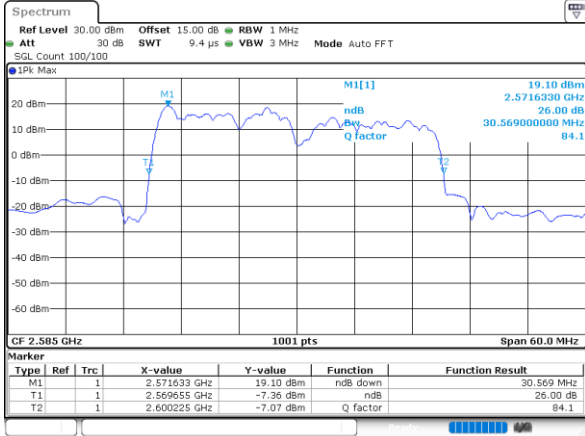
Date: 18\_JAN.2023 09:55:13



LTE Band 38C

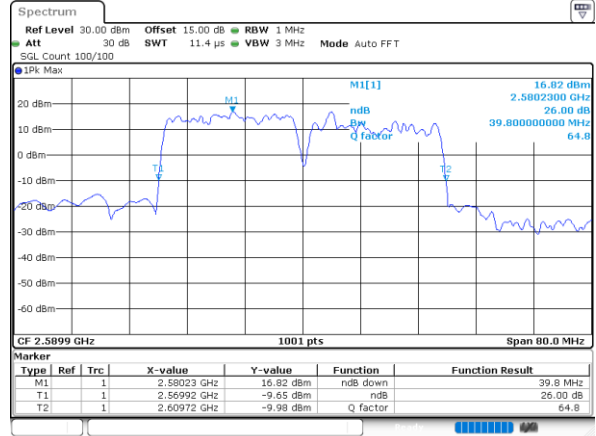
16QAM

Lowest Channel / 15MHz+15MHz



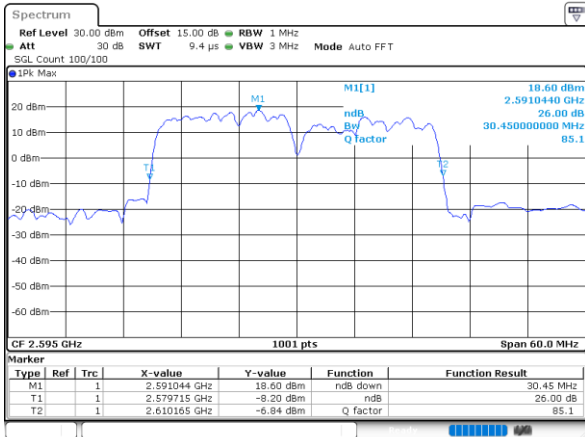
Date: 18\_JAN.2023 09:21:50

Lowest Channel / 20MHz+20MHz



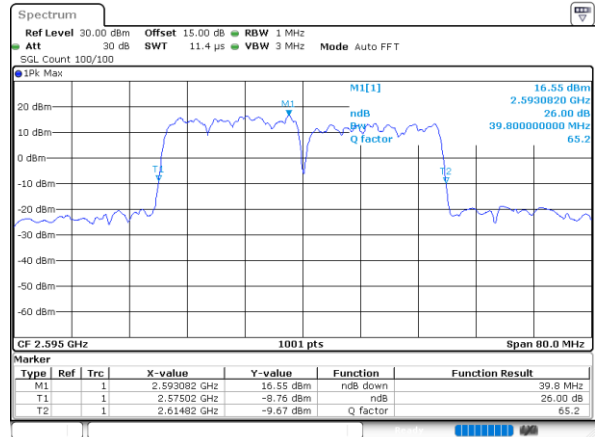
Date: 18\_JAN.2023 09:45:29

Middle Channel / 15MHz+15MHz



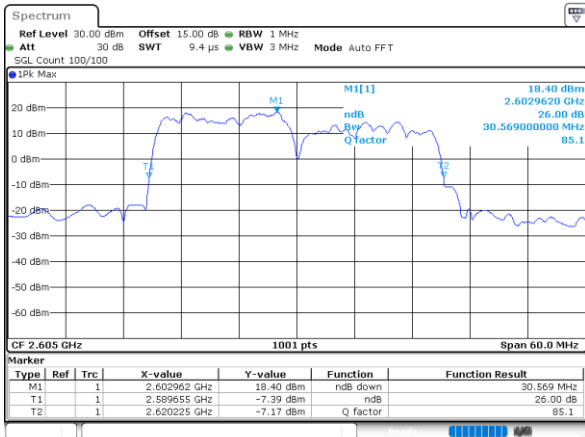
Date: 18\_JAN.2023 09:31:44

Middle Channel / 20MHz+20MHz



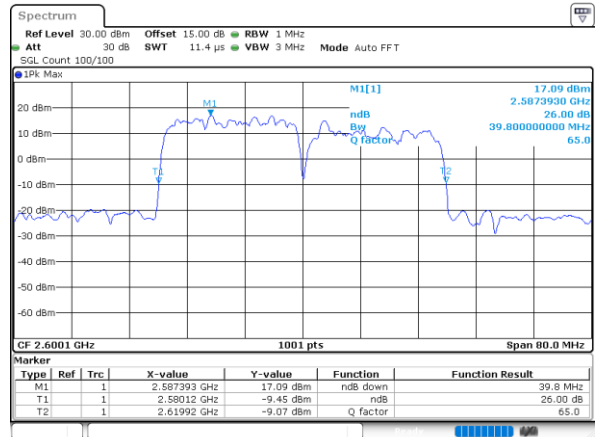
Date: 18\_JAN.2023 09:50:29

Highest Channel / 15MHz+15MHz



Date: 18\_JAN.2023 09:40:39

Highest Channel / 20MHz+20MHz



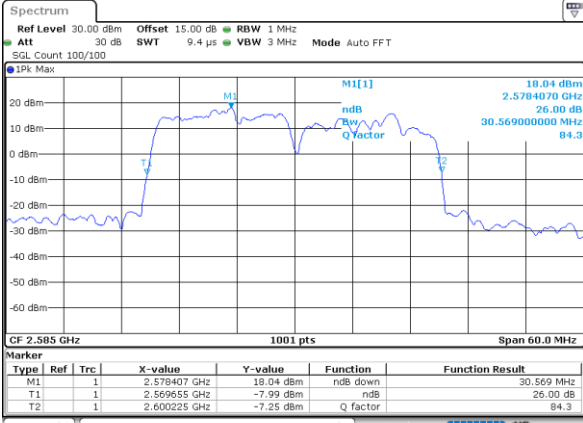
Date: 18\_JAN.2023 09:55:45



LTE Band 38C

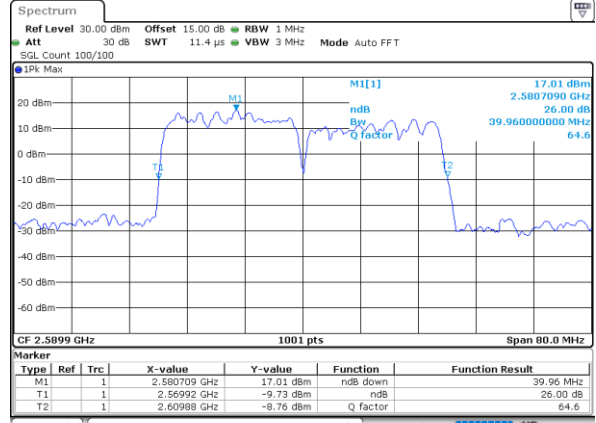
64QAM

Lowest Channel / 15MHz+15MHz



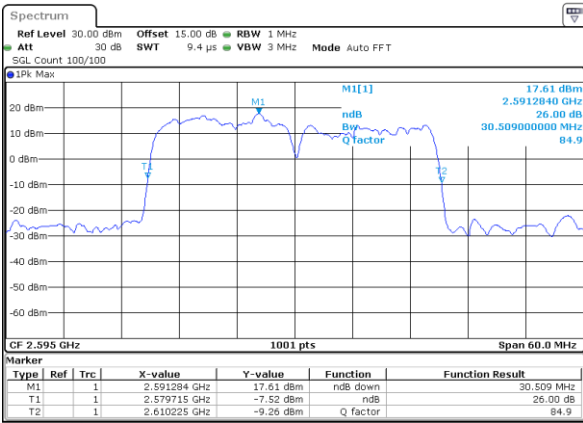
Date: 18\_JAN.2023 09:21:18

Lowest Channel / 20MHz+20MHz



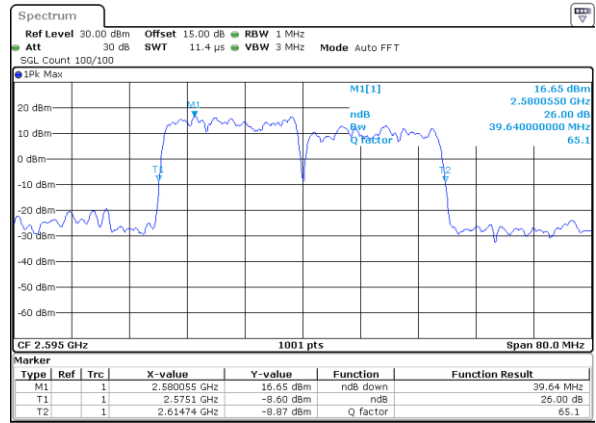
Date: 18\_JAN.2023 09:44:56

Middle Channel / 15MHz+15MHz



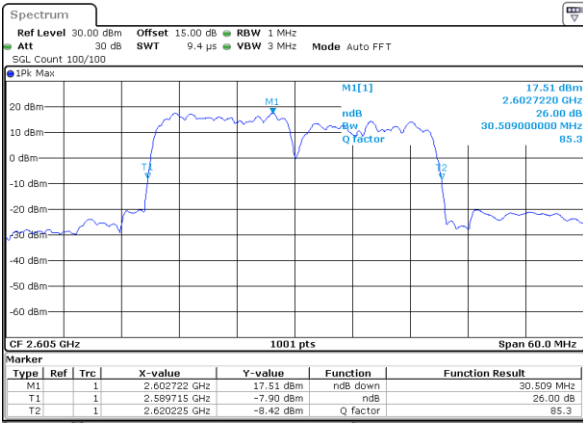
Date: 18\_JAN.2023 09:31:11

Middle Channel / 20MHz+20MHz



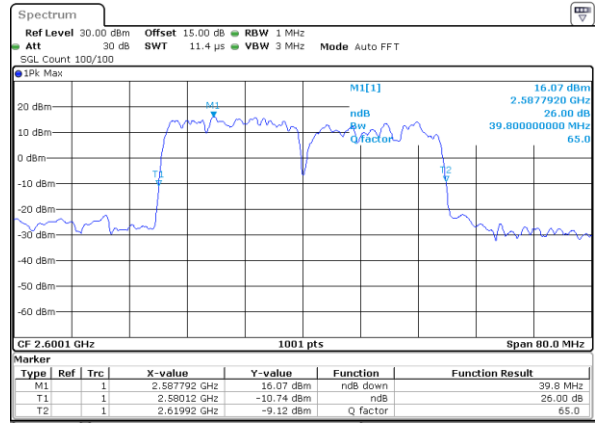
Date: 18\_JAN.2023 09:49:57

Highest Channel / 15MHz+15MHz



Date: 18\_JAN.2023 09:41:12

Highest Channel / 20MHz+20MHz



Date: 18\_JAN.2023 09:56:17



### Occupied Bandwidth

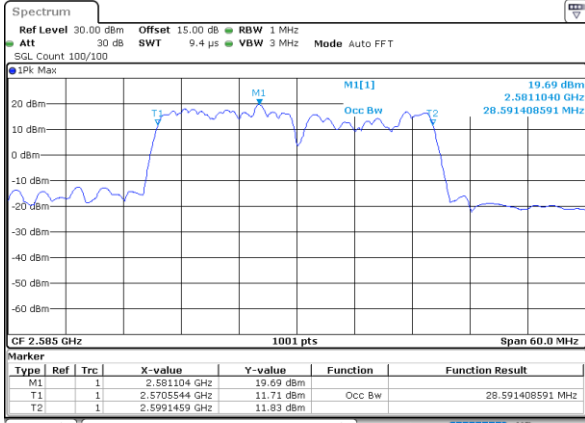
Mode	LTE Band 38C : 99%OBW(MHz)		
	QPSK	16QAM	64QAM
<b>BW</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>
Lowest CH	28.59	29.01	28.53
Middle CH	28.71	28.41	28.35
Highest CH	29.01	28.83	28.53
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
Lowest CH	37.48	37.88	37.88
Middle CH	38.12	37.80	37.56
Highest CH	37.64	37.40	37.56



LTE Band 38C

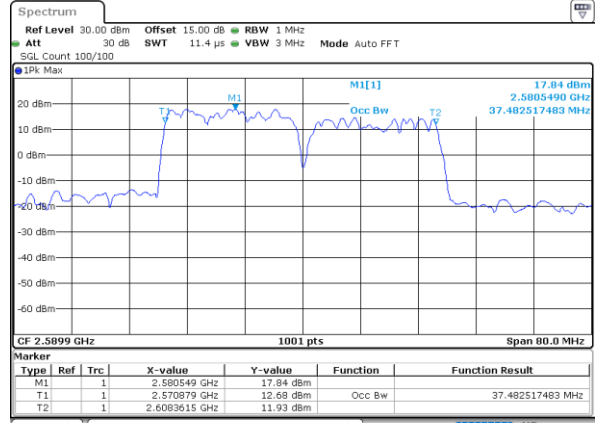
QPSK

Lowest Channel / 15MHz+15MHz



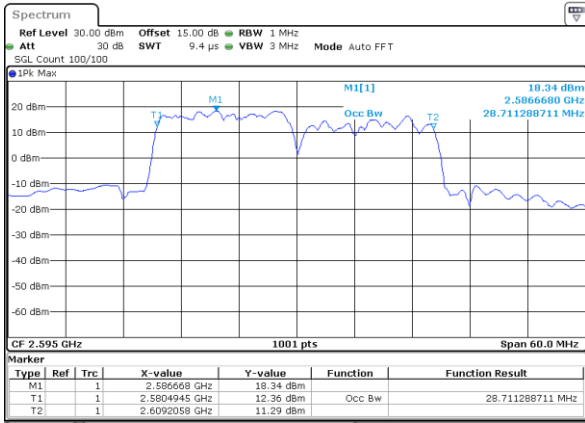
Date: 18\_JAN\_2023 09:19:41

Lowest Channel / 20MHz+20MHz



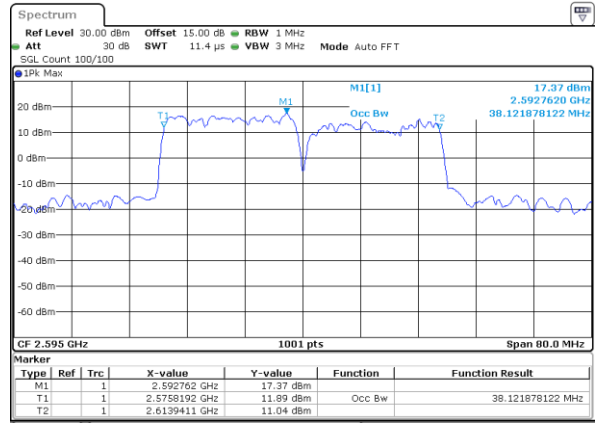
Date: 18\_JAN\_2023 09:43:20

Middle Channel / 15MHz+15MHz



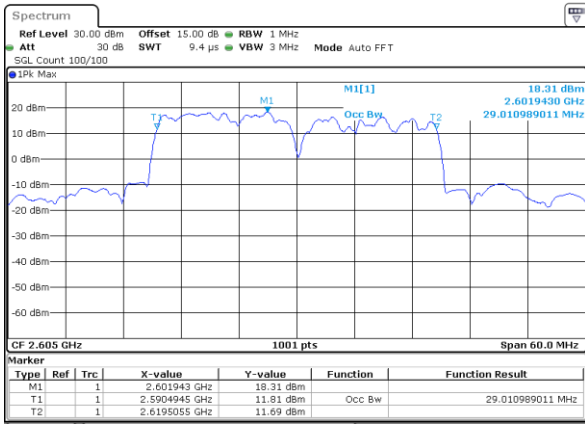
Date: 18\_JAN\_2023 09:29:35

Middle Channel / 20MHz+20MHz



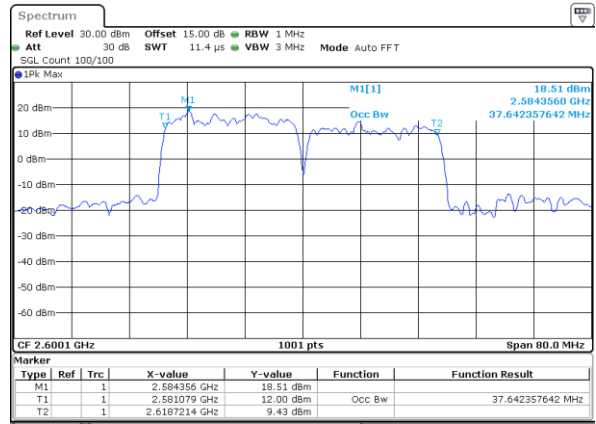
Date: 18\_JAN\_2023 09:48:20

Highest Channel / 15MHz+15MHz



Date: 18\_JAN\_2023 09:39:35

Highest Channel / 20MHz+20MHz



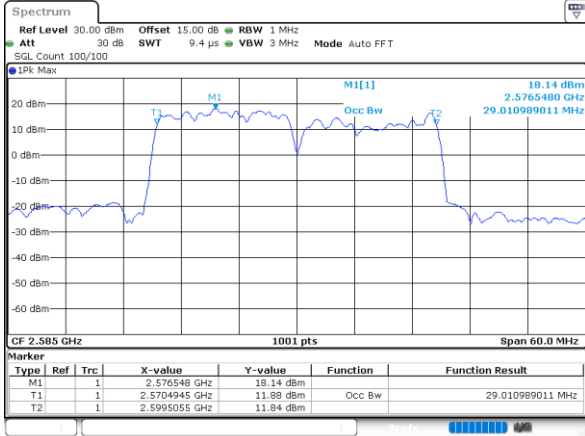
Date: 18\_JAN\_2023 09:54:41



LTE Band 38C

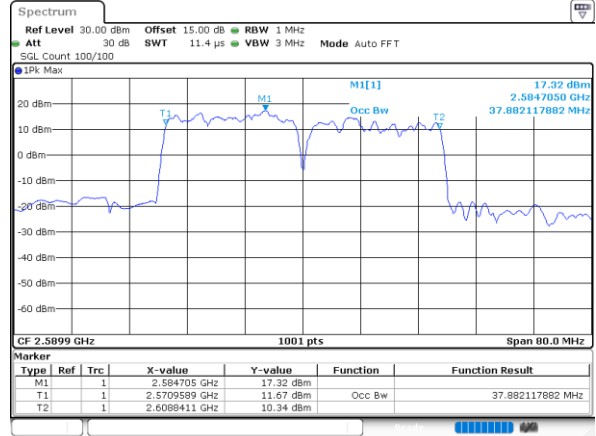
16QAM

Lowest Channel / 15MHz+15MHz



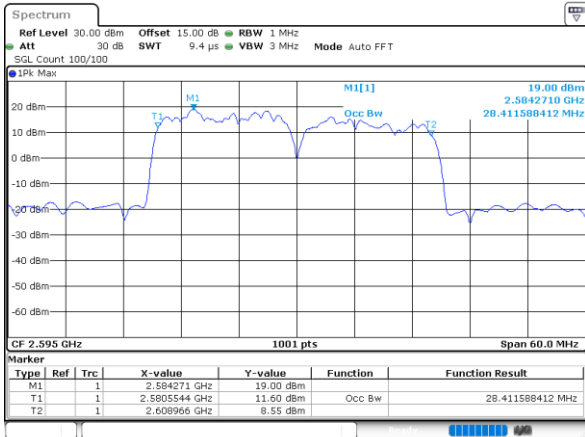
Date: 18\_JAN\_2023 09:20:13

Lowest Channel / 20MHz+20MHz



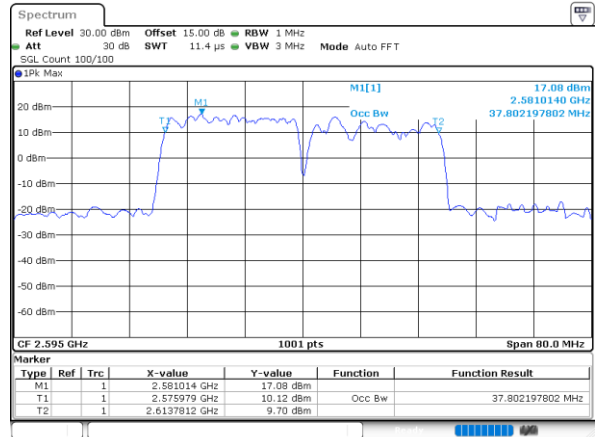
Date: 18\_JAN\_2023 09:43:52

Middle Channel / 15MHz+15MHz



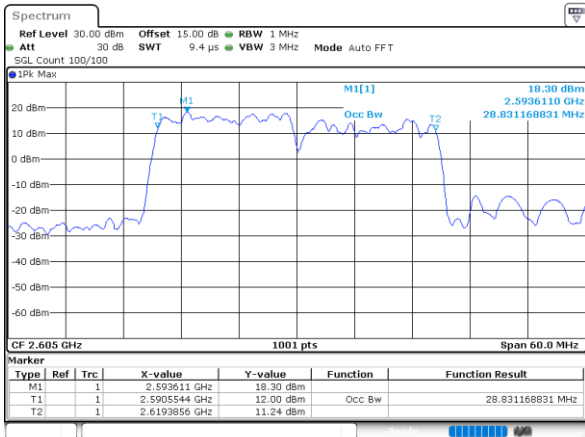
Date: 18\_JAN\_2023 09:30:07

Middle Channel / 20MHz+20MHz



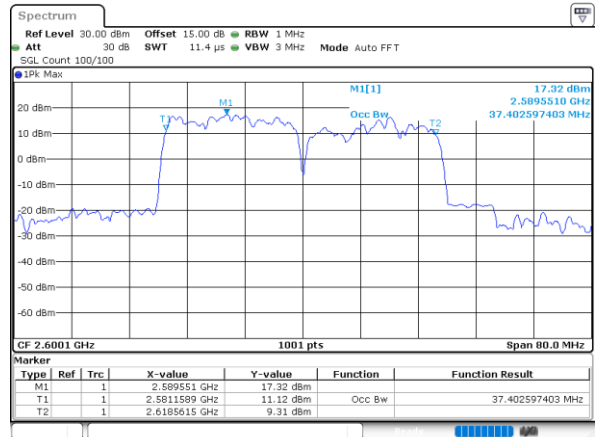
Date: 18\_JAN\_2023 09:48:53

Highest Channel / 15MHz+15MHz



Date: 18\_JAN\_2023 09:39:03

Highest Channel / 20MHz+20MHz



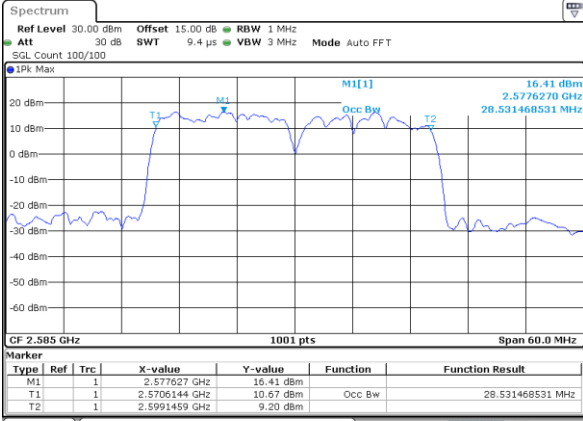
Date: 18\_JAN\_2023 09:54:08



LTE Band 38C

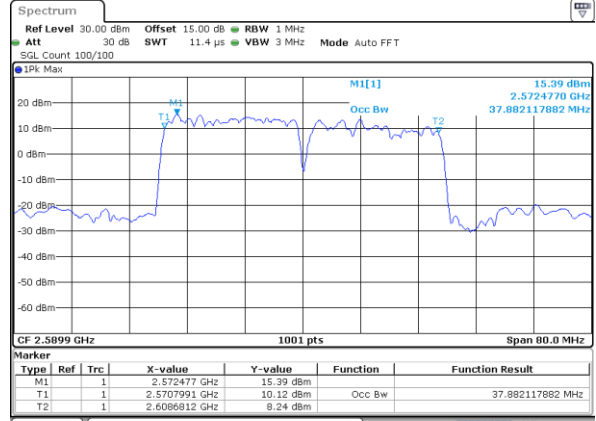
64QAM

Lowest Channel / 15MHz+15MHz



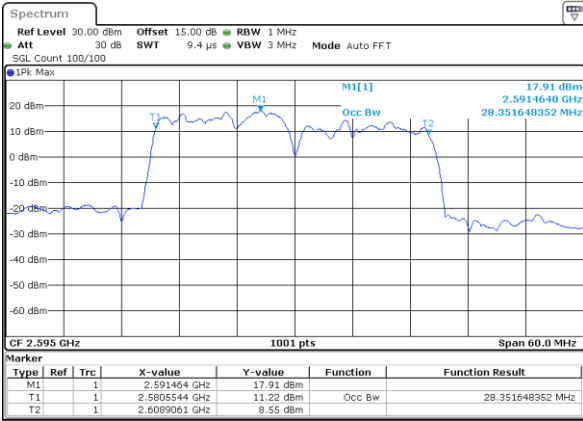
Date: 18\_JAN.2023 09:20:45

Lowest Channel / 20MHz+20MHz



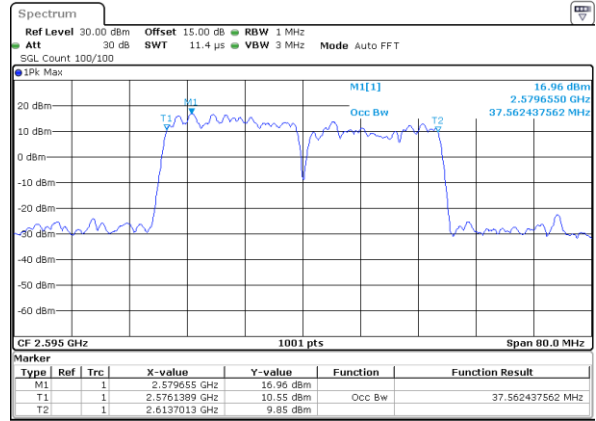
Date: 18\_JAN.2023 09:44:25

Middle Channel / 15MHz+15MHz



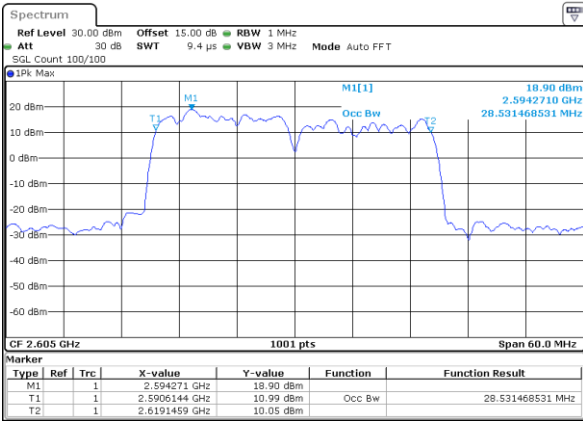
Date: 18\_JAN.2023 09:30:40

Middle Channel / 20MHz+20MHz



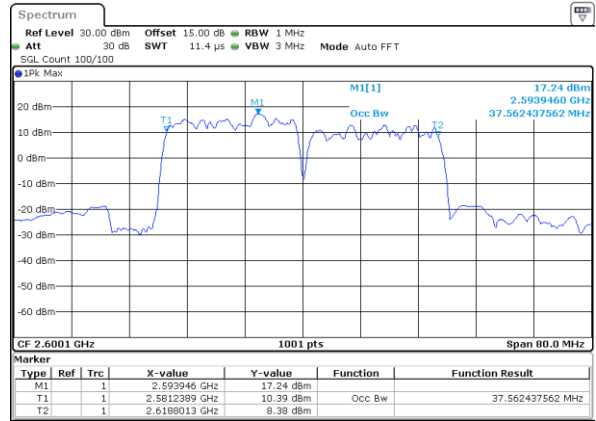
Date: 18\_JAN.2023 09:49:25

Highest Channel / 15MHz+15MHz



Date: 18\_JAN.2023 09:38:31

Highest Channel / 20MHz+20MHz



Date: 18\_JAN.2023 09:53:36



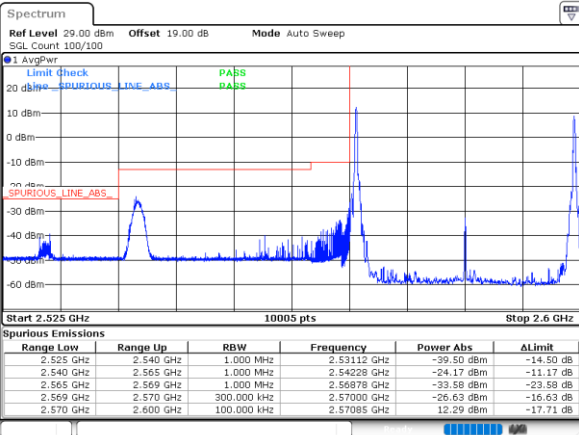


# Conducted Band Edge

## LTE Band 38C / 15MHz+15MHz

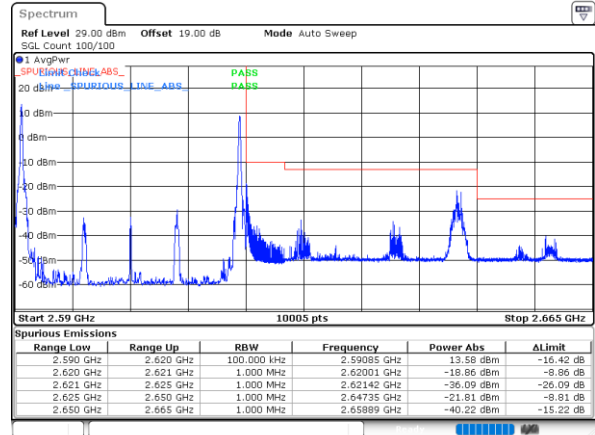
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB74



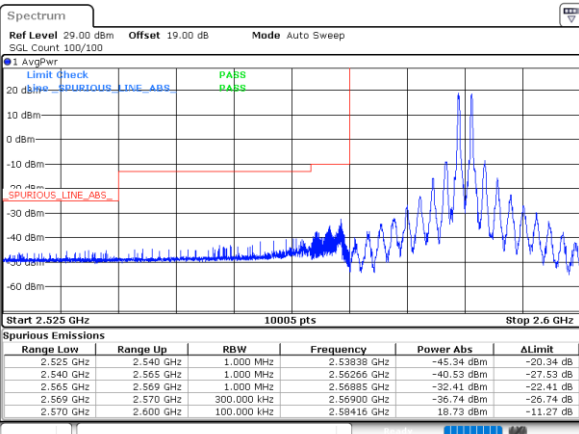
Date: 16, JAN, 2023 18:56:33

#### Highest Band Edge / 1RB0 and 1RB74



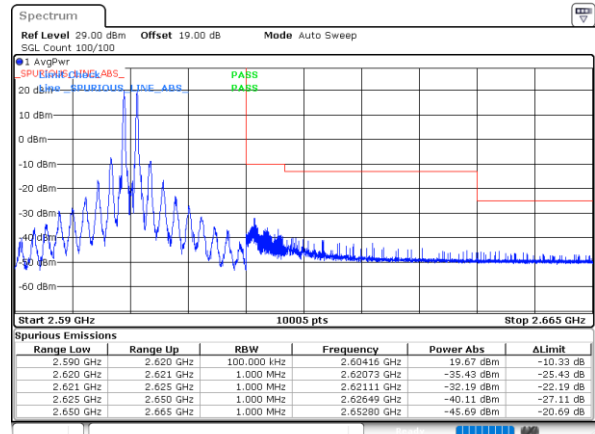
Date: 16, JAN, 2023 19:01:01

#### Lowest Band Edge / 1RB74 and 1RB0

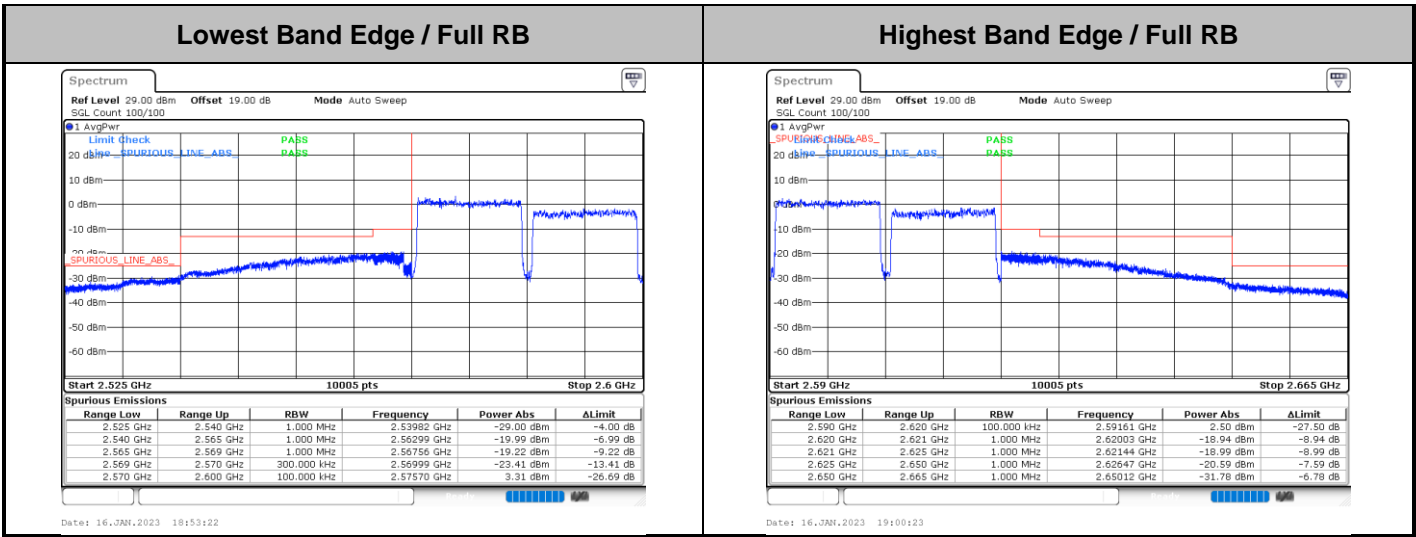


Date: 16, JAN, 2023 18:57:11

#### Highest Band Edge / 1RB74 and 1RB0



Date: 16, JAN, 2023 19:04:11

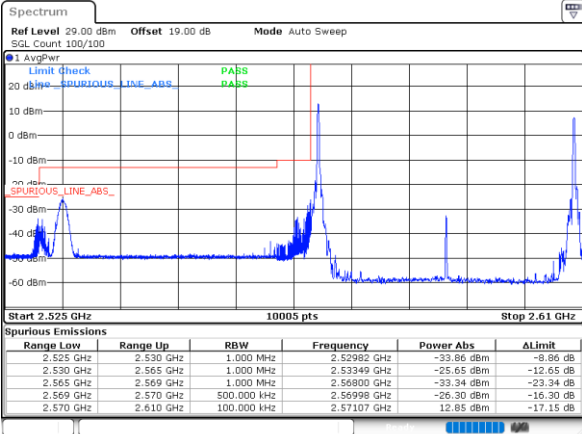




LTE Band 38C / 20MHz+20MHz

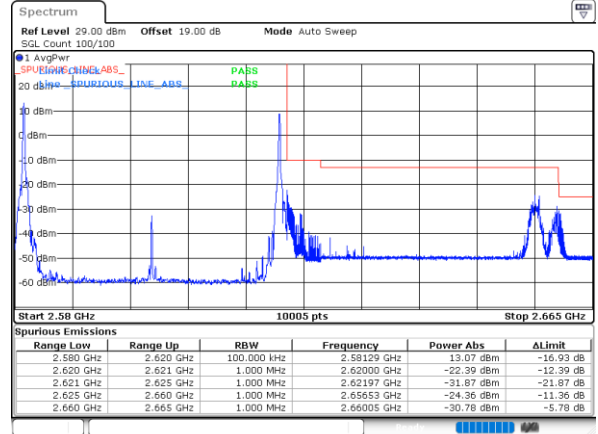
QPSK

Lowest Band Edge / 1RB0 and 1RB9



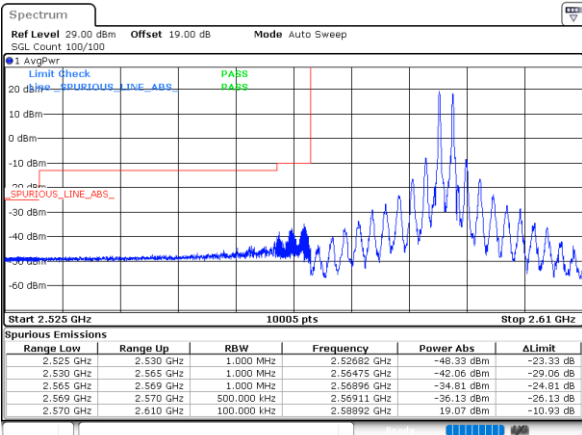
Date: 16, JAN, 2023 19:18:34

Highest Band Edge / 1RB0 and 1RB9



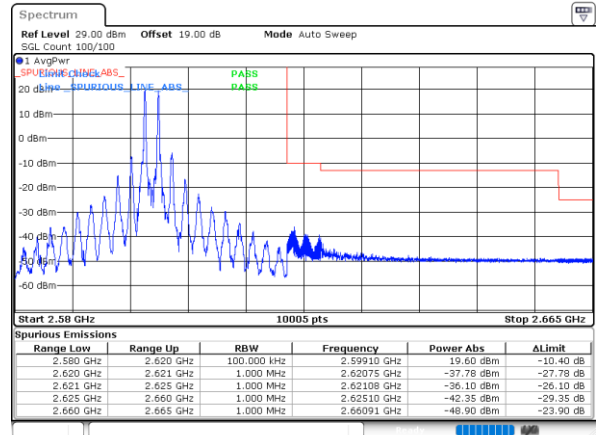
Date: 16, JAN, 2023 19:37:34

Lowest Band Edge / 1RB99 and 1RB0



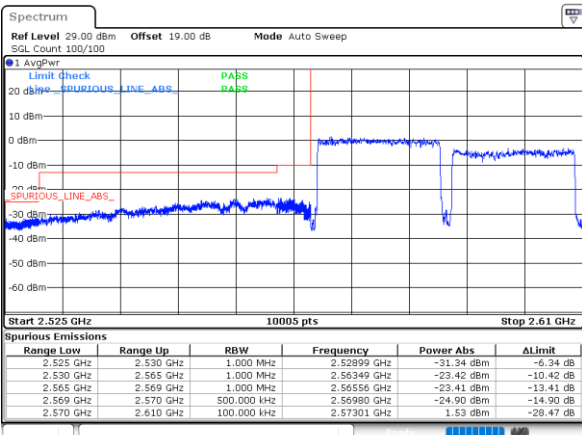
Date: 16, JAN, 2023 19:19:12

Highest Band Edge / 1RB99 and 1RB0



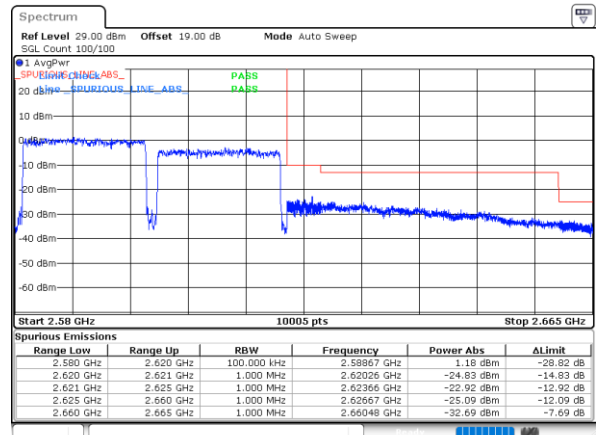
Date: 16, JAN, 2023 19:40:44

Lowest Band Edge / Full RB



Date: 16, JAN, 2023 19:15:20

Highest Band Edge / Full RB



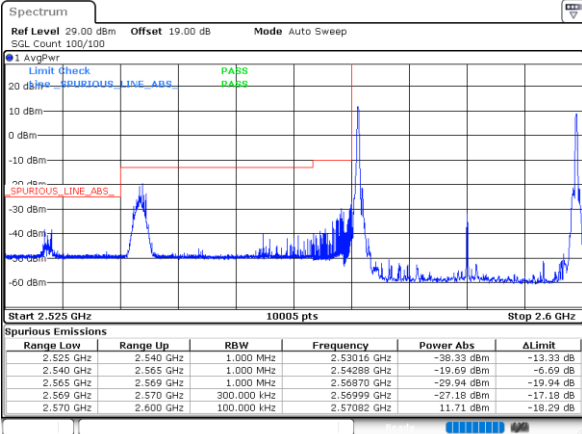
Date: 16, JAN, 2023 19:36:56



LTE Band 38C / 15MHz+15MHz

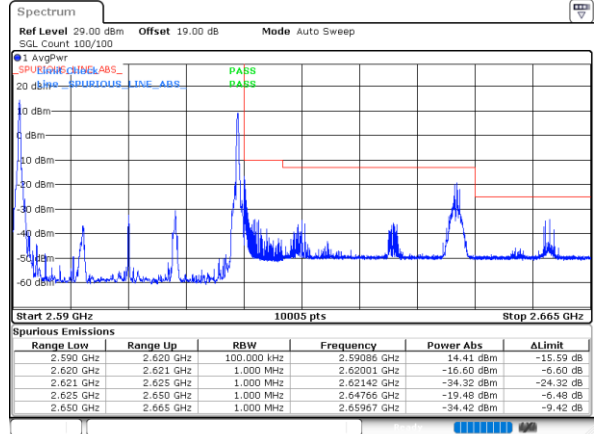
16QAM

Lowest Band Edge / 1RB0 and 1RB74



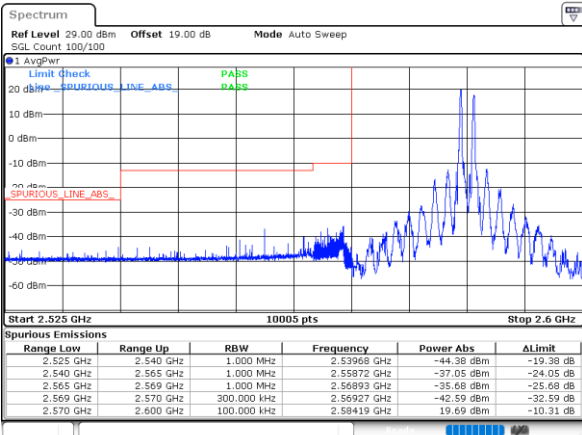
Date: 16, JAN, 2023 18:55:55

Highest Band Edge / 1RB0 and 1RB74



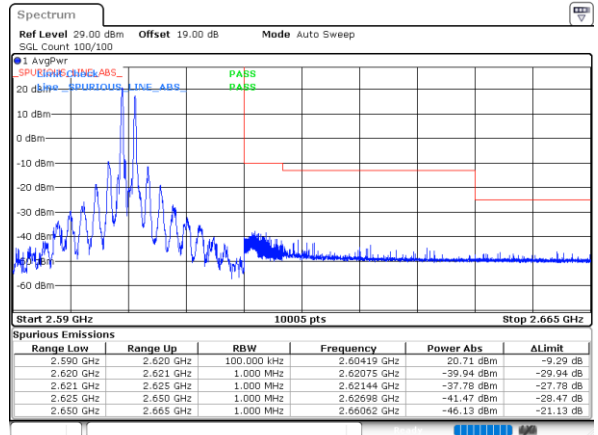
Date: 16, JAN, 2023 19:01:39

Lowest Band Edge / 1RB74 and 1RB0



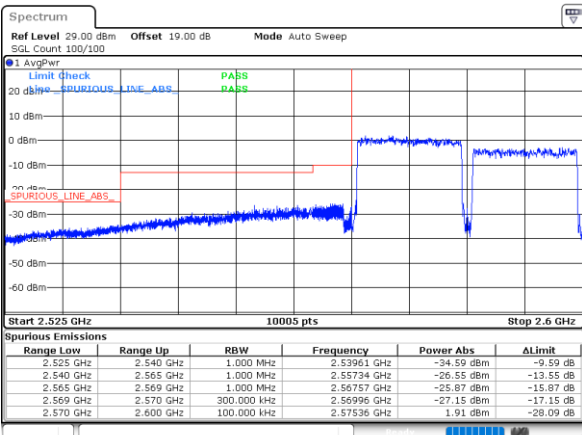
Date: 16, JAN, 2023 18:57:49

Highest Band Edge / 1RB74 and 1RB0



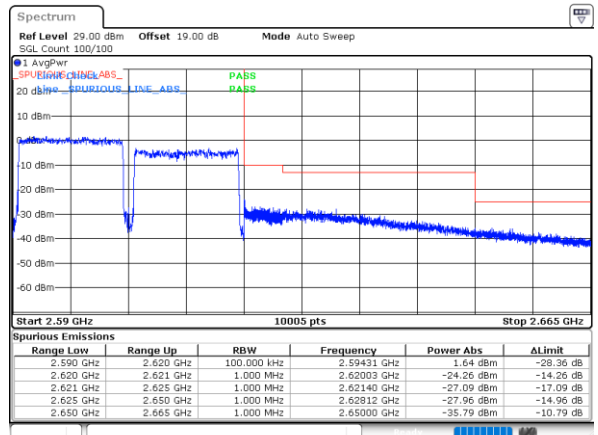
Date: 16, JAN, 2023 19:03:34

Lowest Band Edge / Full RB



Date: 16, JAN, 2023 18:54:00

Highest Band Edge / Full RB



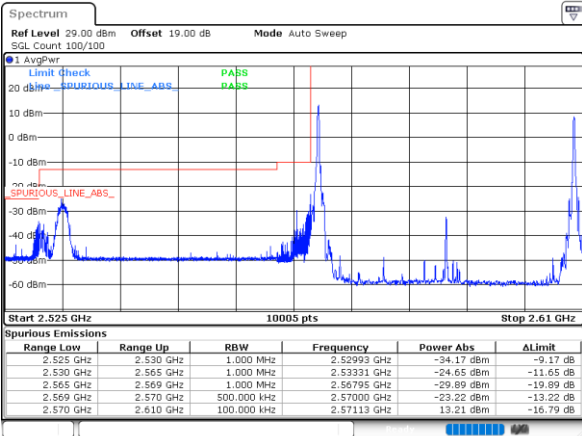
Date: 16, JAN, 2023 18:59:46



LTE Band 38C / 20MHz+20MHz

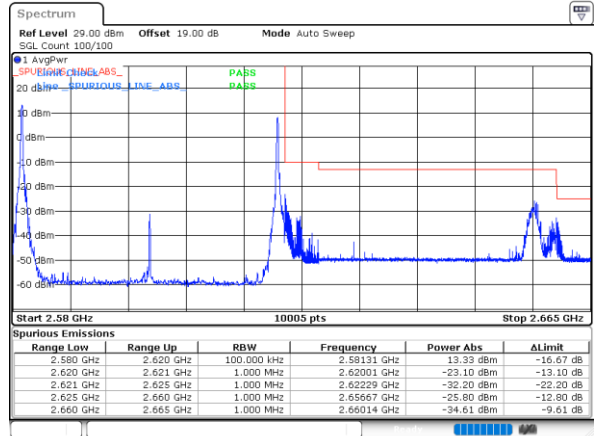
16QAM

Lowest Band Edge / 1RB0 and 1RB9



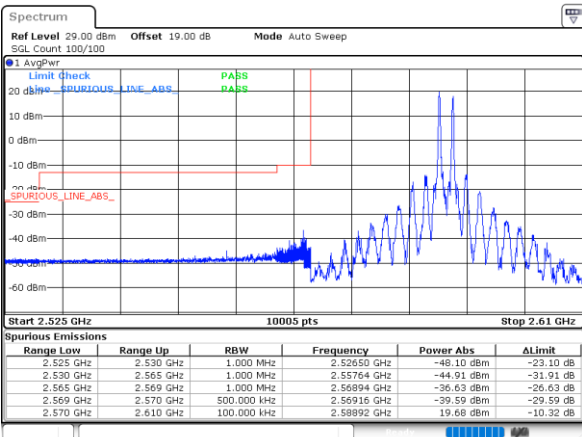
Date: 16\_JAN\_2023 19:17:54

Highest Band Edge / 1RB0 and 1RB9



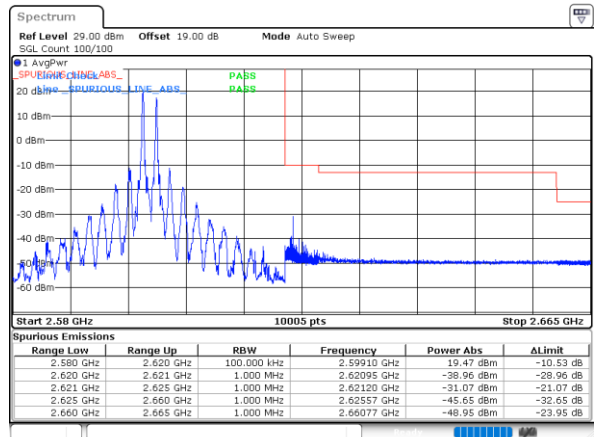
Date: 16\_JAN\_2023 19:38:12

Lowest Band Edge / 1RB99 and 1RB0



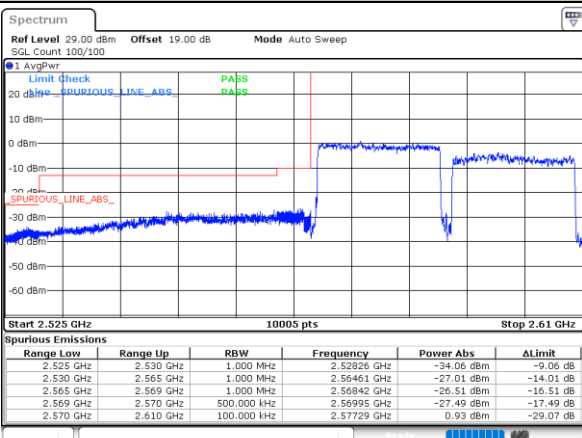
Date: 16\_JAN\_2023 19:19:50

Highest Band Edge / 1RB99 and 1RB0



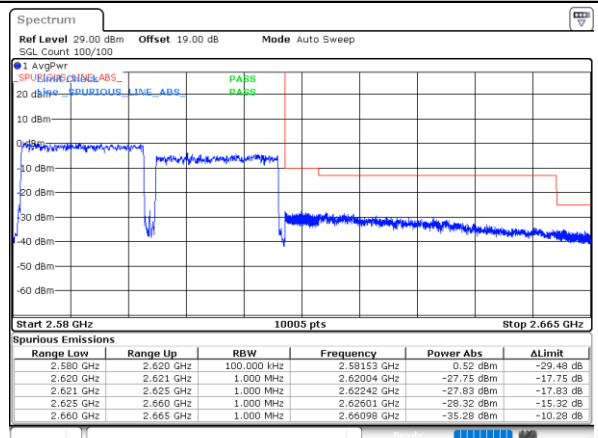
Date: 16\_JAN\_2023 19:40:06

Lowest Band Edge / Full RB



Date: 16\_JAN\_2023 19:15:59

Highest Band Edge / Full RB



Date: 16\_JAN\_2023 19:36:18

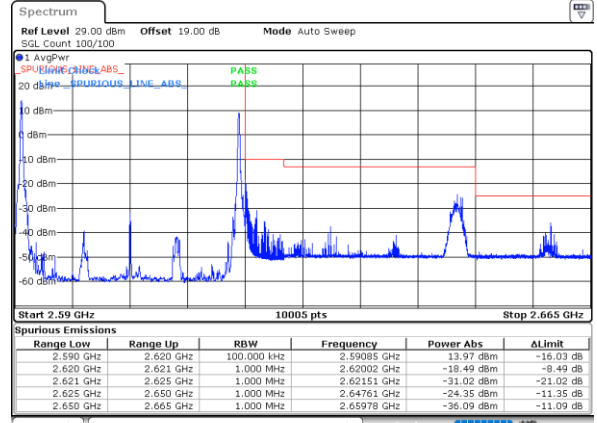
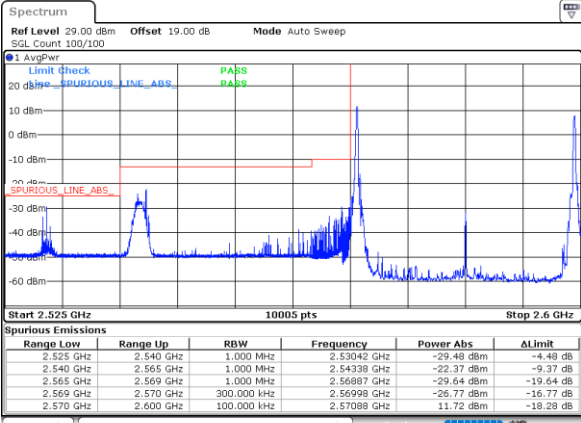


LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

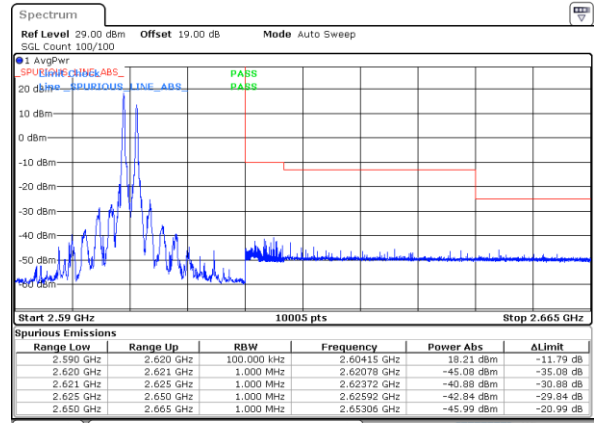
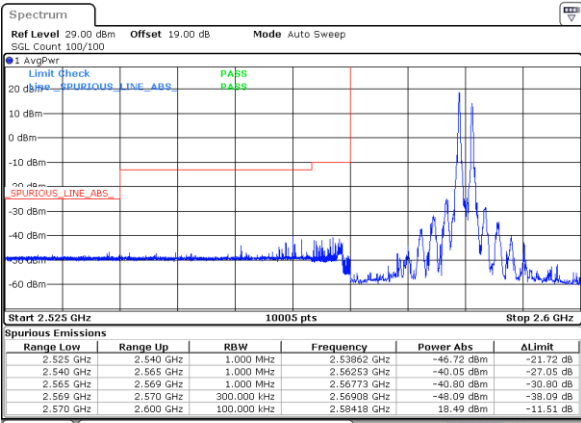


Date: 16, JAN, 2023 18:55:17

Date: 16, JAN, 2023 19:02:17

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

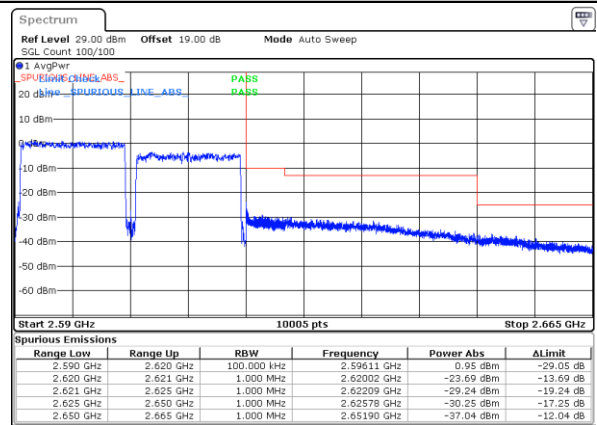
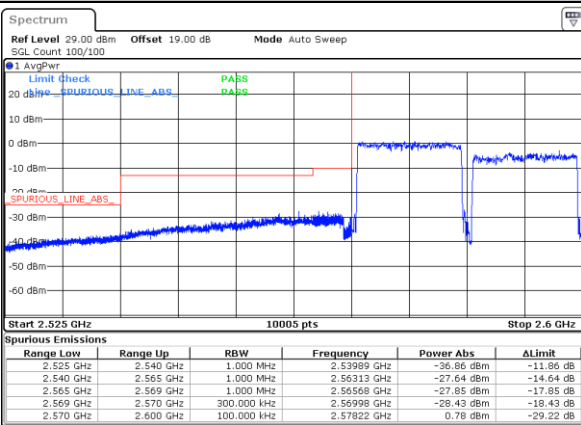


Date: 16, JAN, 2023 18:58:27

Date: 16, JAN, 2023 19:02:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, JAN, 2023 18:54:39

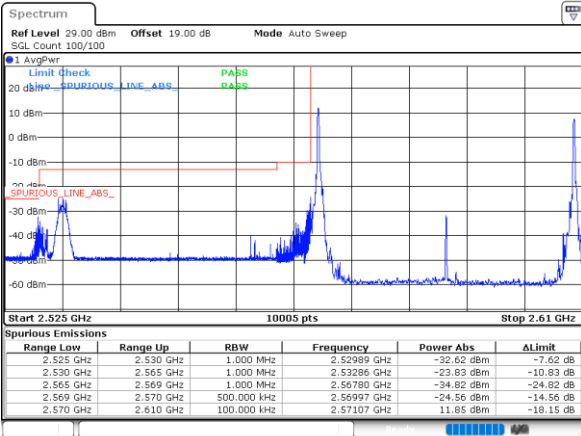
Date: 16, JAN, 2023 18:59:08



LTE Band 38C / 20MHz+20MHz

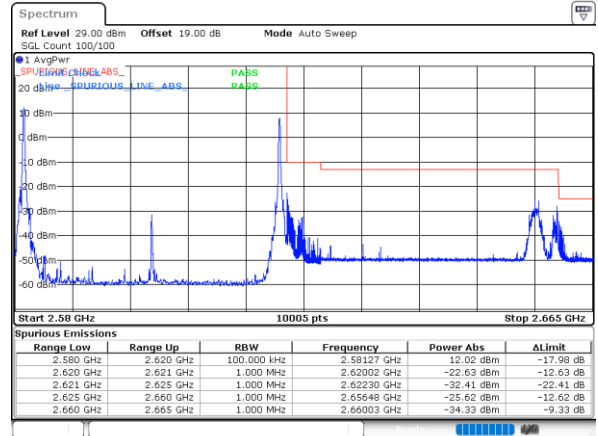
64QAM

Lowest Band Edge / 1RB0 and 1RB9



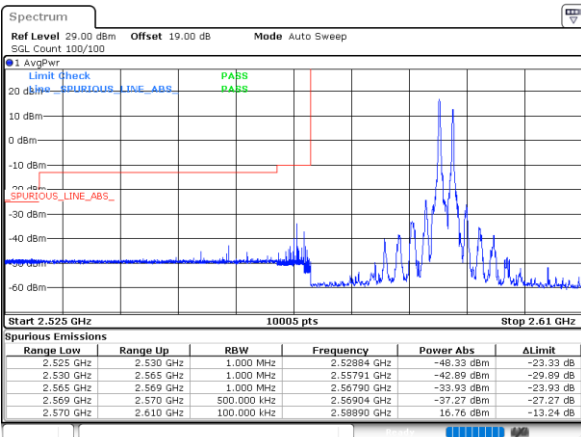
Date: 16\_JAN\_2023 19:17:16

Highest Band Edge / 1RB0 and 1RB9



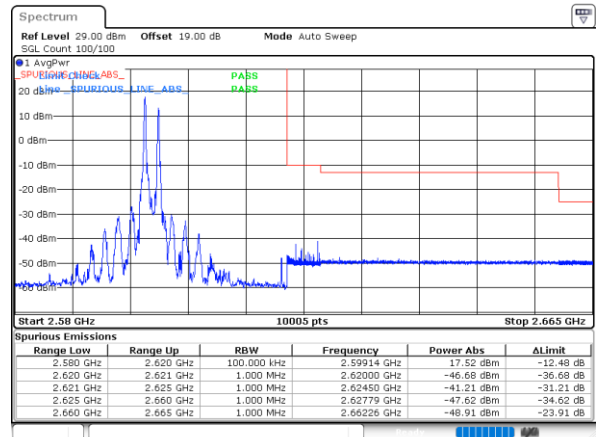
Date: 16\_JAN\_2023 19:18:50

Lowest Band Edge / 1RB99 and 1RB0



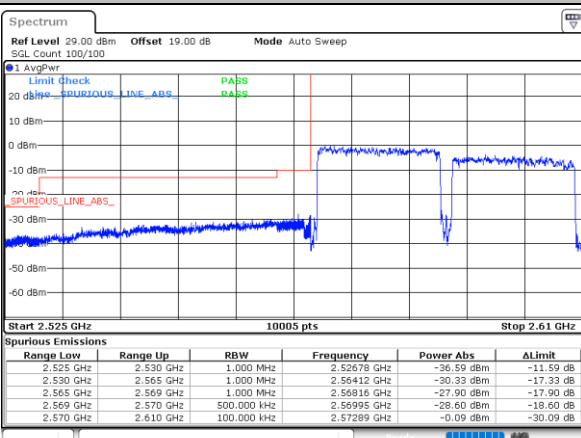
Date: 16\_JAN\_2023 19:20:29

Highest Band Edge / 1RB99 and 1RB0



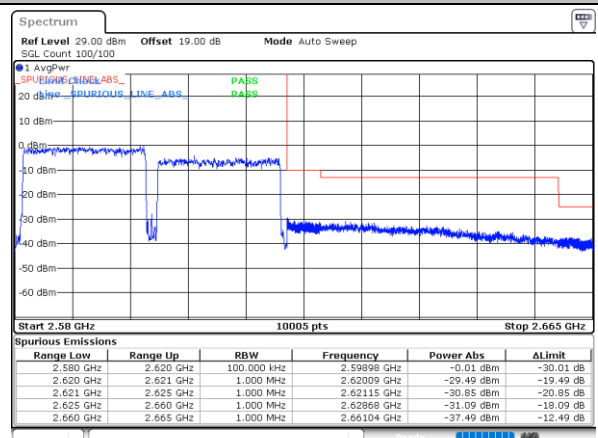
Date: 16\_JAN\_2023 19:19:28

Lowest Band Edge / Full RB



Date: 16\_JAN\_2023 19:16:37

Highest Band Edge / Full RB



Date: 16\_JAN\_2023 19:35:39



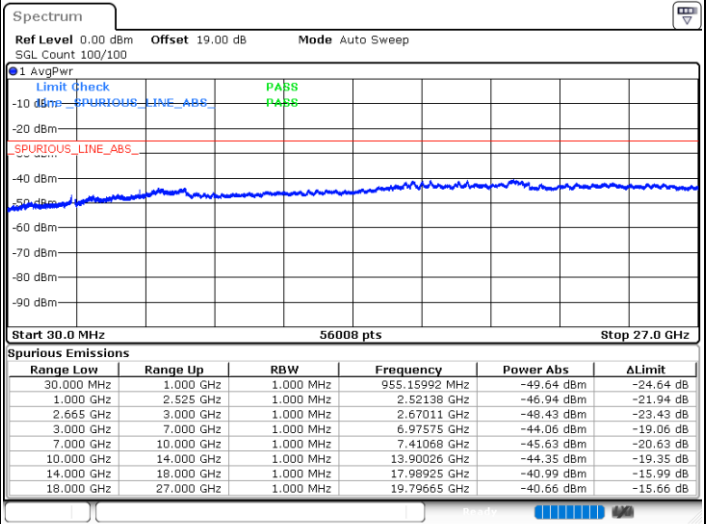
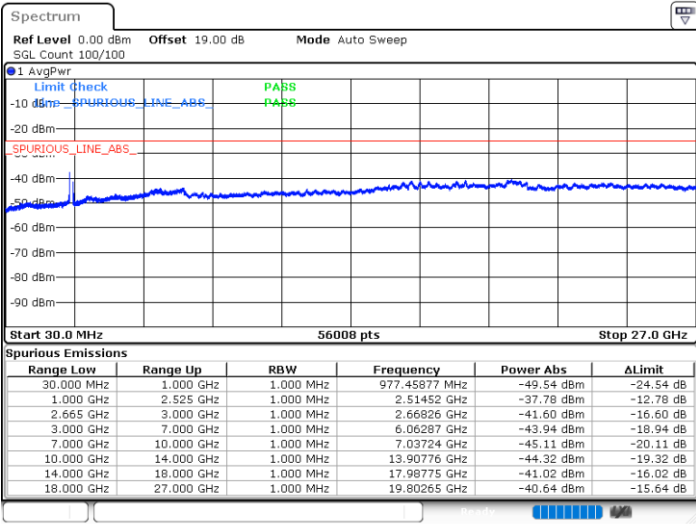
# Conducted Spurious Emission

## LTE Band 38C / 15MHz+15MHz

### QPSK

#### Lowest Channel / 1RB0 and 1RB74

#### Lowest Channel / 1RB74 and 1RB0

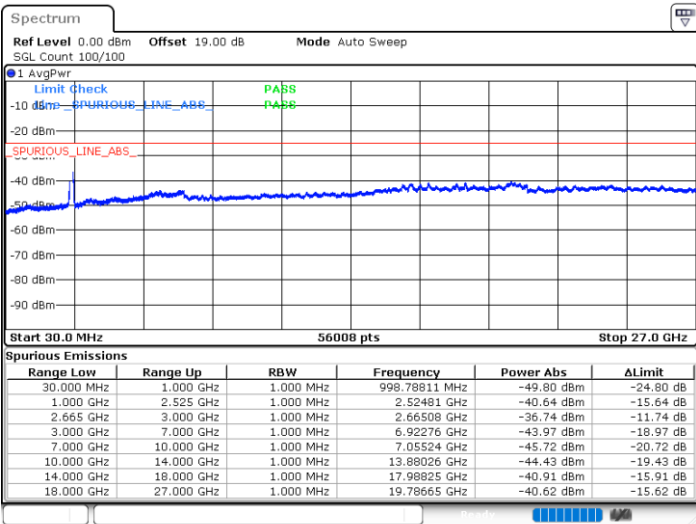


Date: 18.JAN.2023 10:15:49

Date: 18.JAN.2023 10:14:27

#### Lowest Channel / FullIRB

#### N/A



Date: 18.JAN.2023 10:22:38



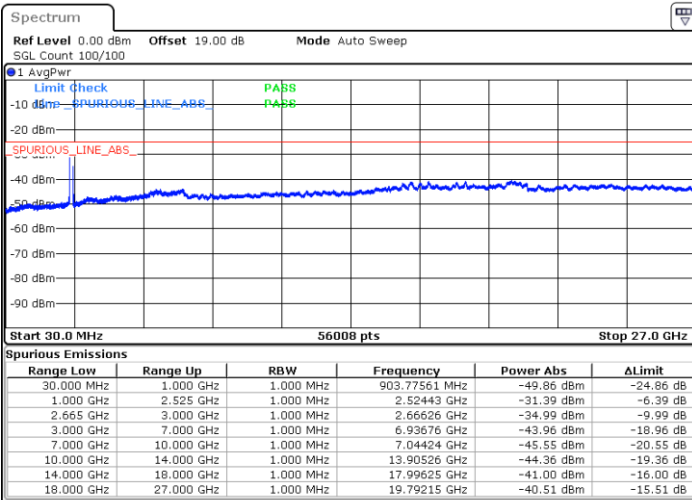


LTE Band 38C / 15MHz+15MHz

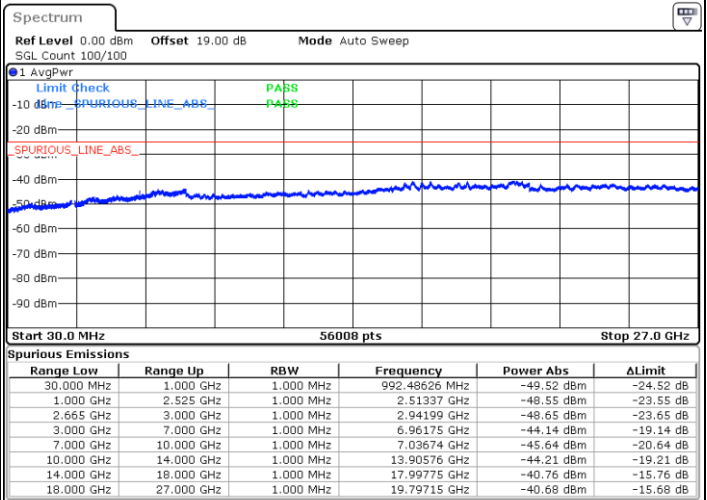
QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



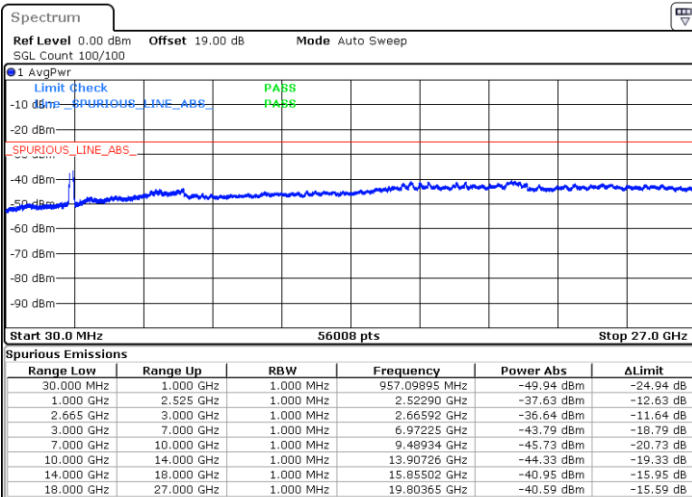
Date: 18.JAN.2023 10:30:50



Date: 18.JAN.2023 10:32:11

Middle Channel / FullIRB

N/A



Date: 18.JAN.2023 10:24:02

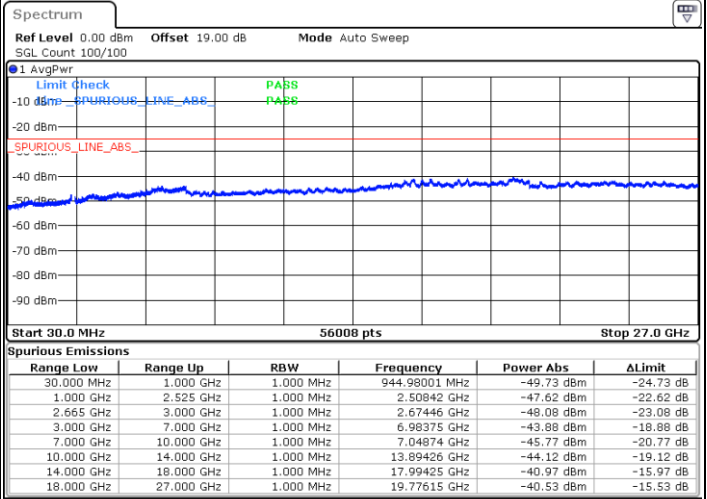
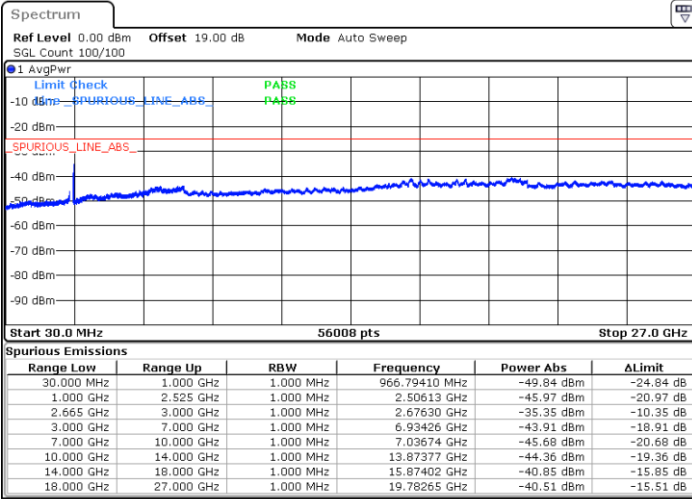


LTE Band 38C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0

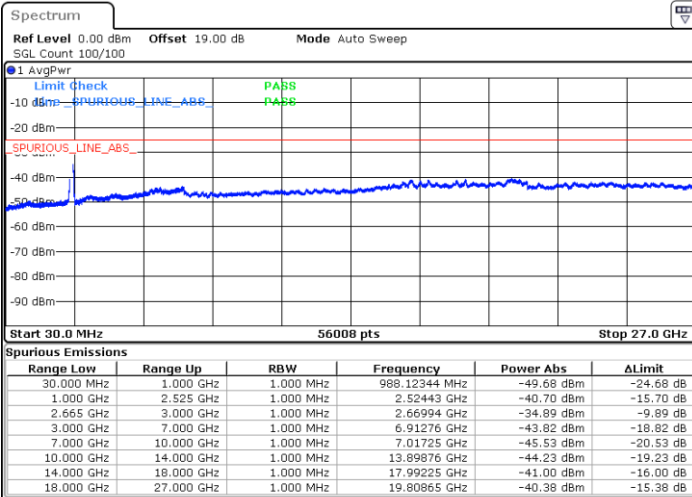


Date: 18.JAN.2023 10:06:14

Date: 18.JAN.2023 09:59:26

Highest Channel / FullIRB

N/A



Date: 18.JAN.2023 10:07:36

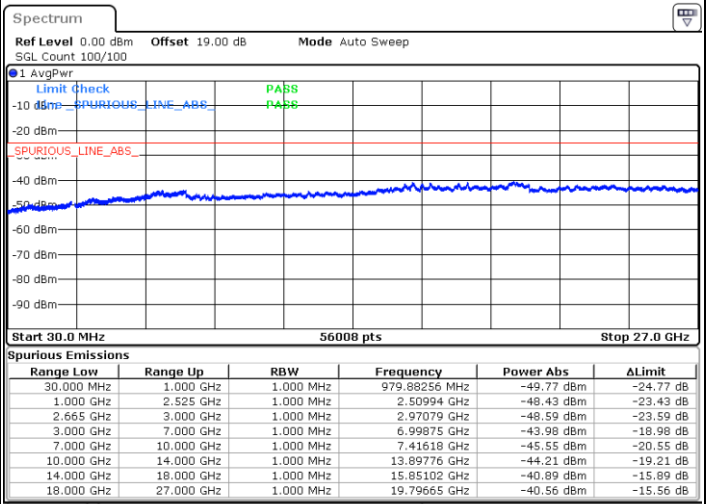
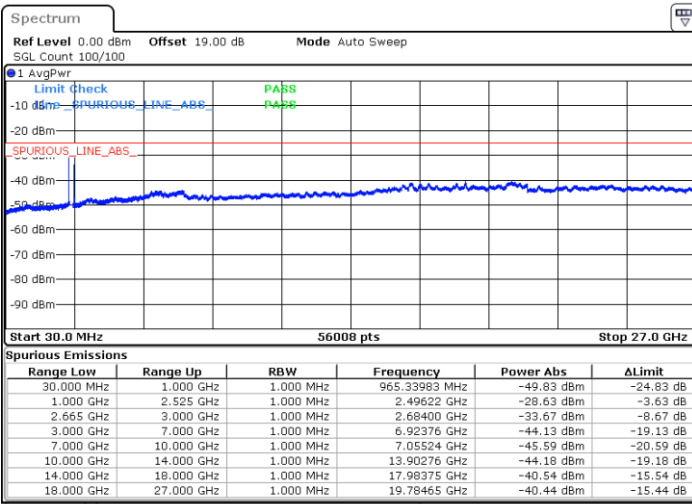


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

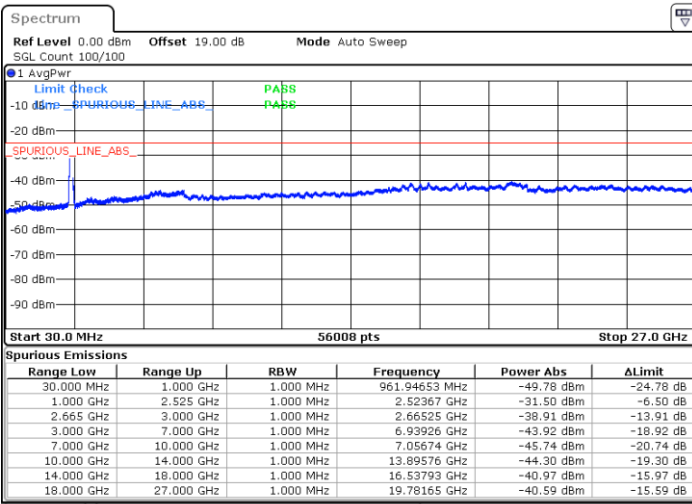


Date: 18.JAN.2023 10:53:28

Date: 18.JAN.2023 10:52:07

Lowest Channel / FullIRB

N/A



Date: 18.JAN.2023 11:00:17

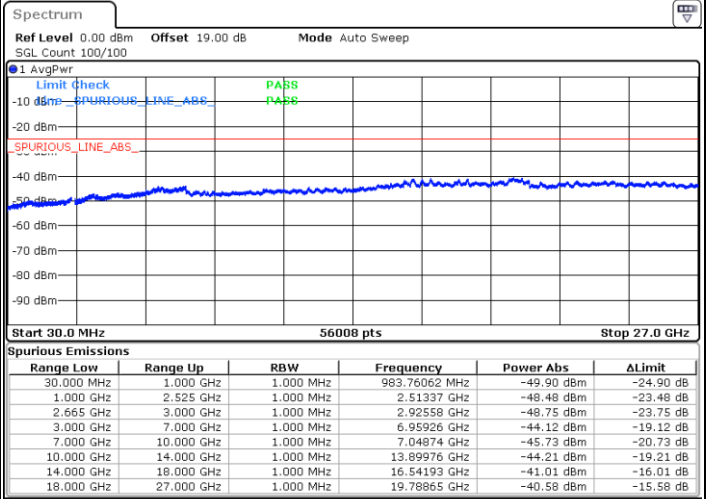
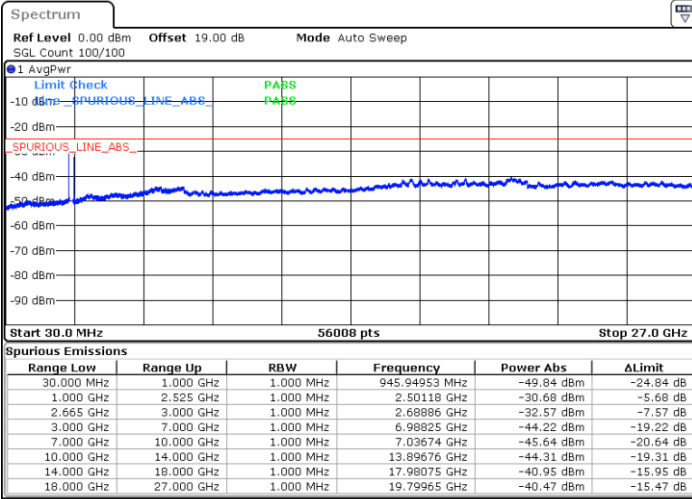


LTE Band 38C / 20MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0

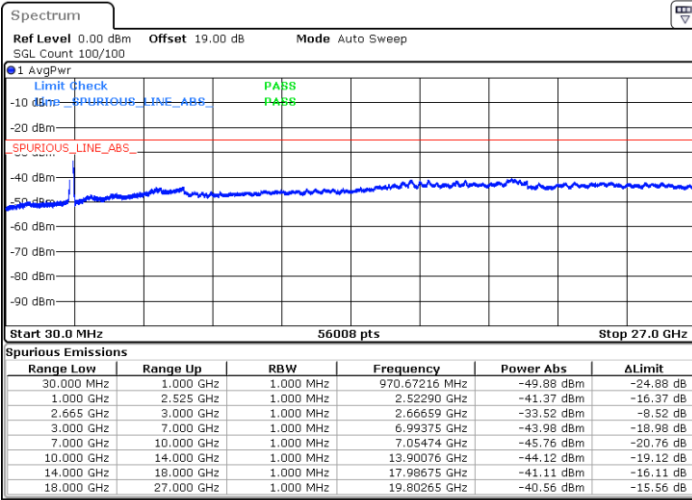


Date: 18.JAN.2023 11:08:30

Date: 18.JAN.2023 11:09:52

Middle Channel / FullIRB

N/A



Date: 18.JAN.2023 11:01:42