

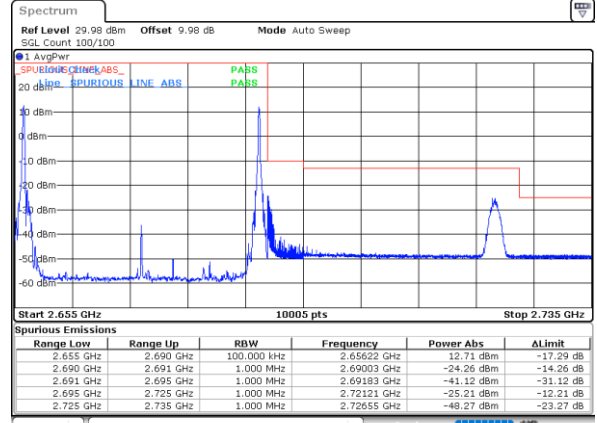
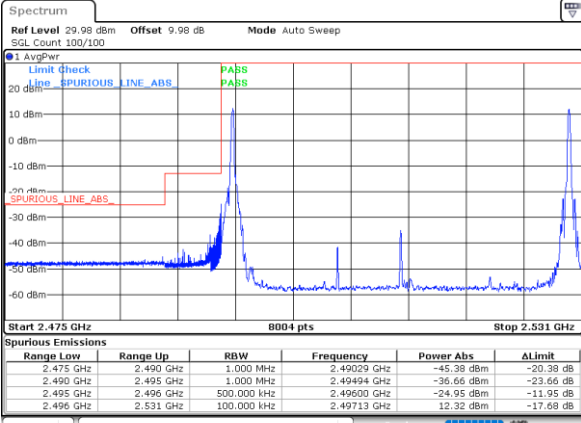


LTE Band 41C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

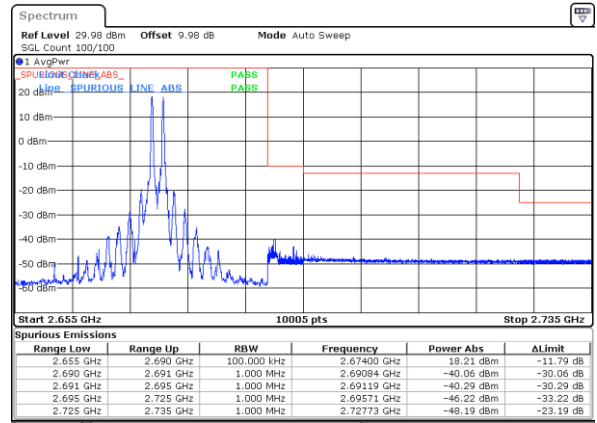
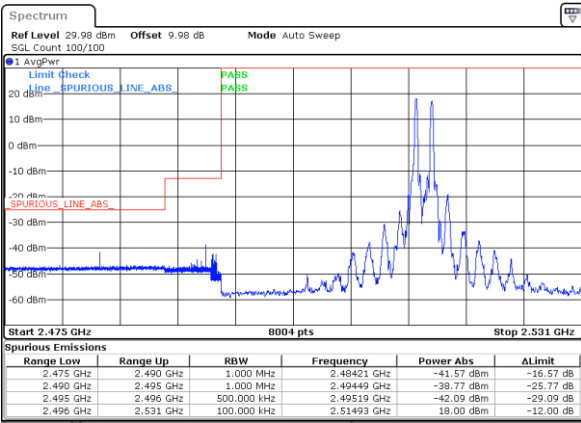


Date: 1.JAN.2023 15:26:48

Date: 1.JAN.2023 15:36:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

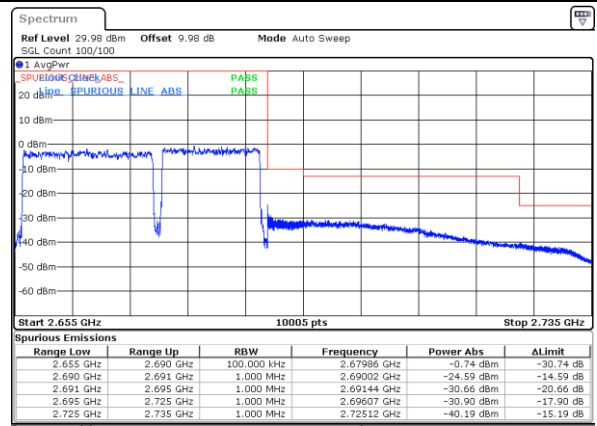
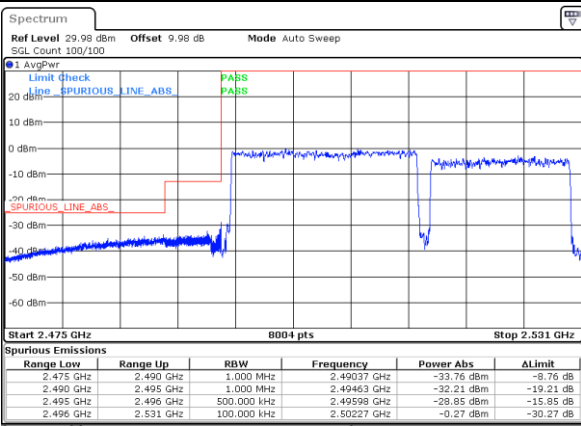


Date: 1.JAN.2023 15:29:13

Date: 1.JAN.2023 15:39:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:22:46

Date: 1.JAN.2023 15:32:34

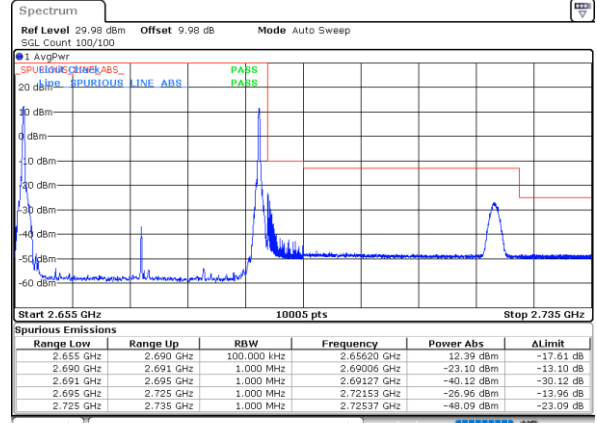
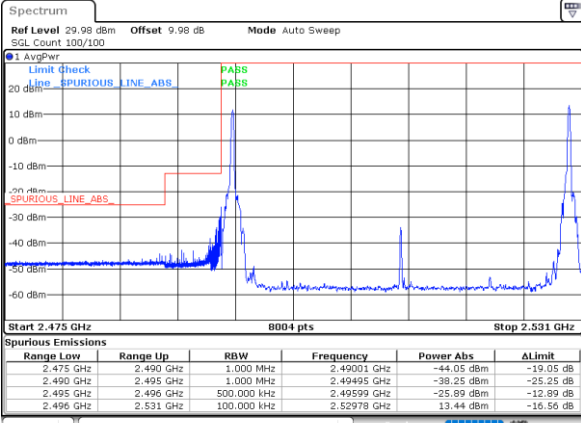


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

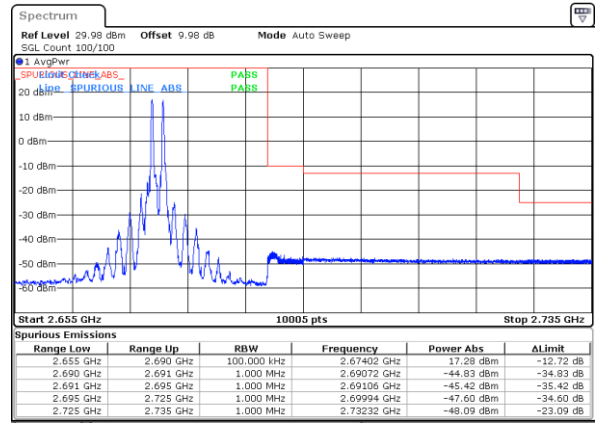
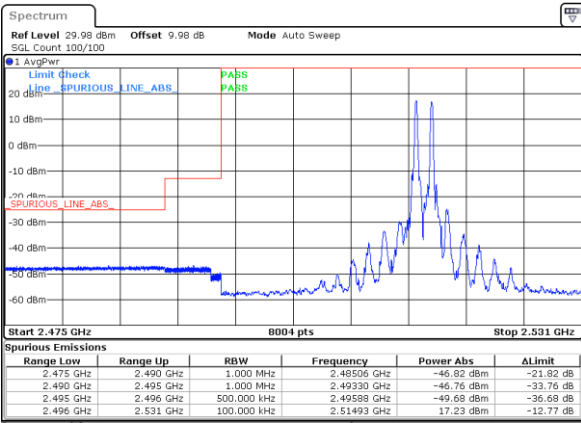


Date: 1.JAN.2023 15:25:59

Date: 1.JAN.2023 15:35:49

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

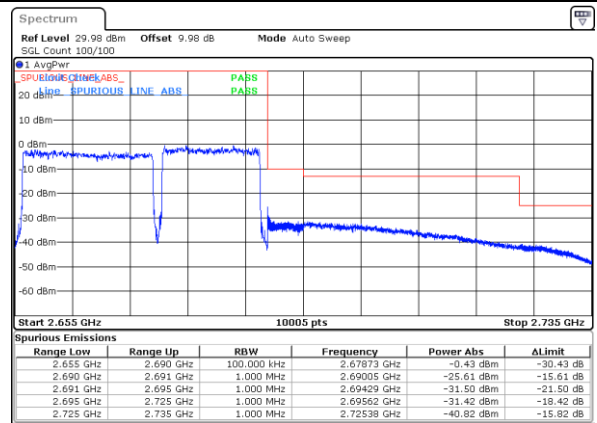
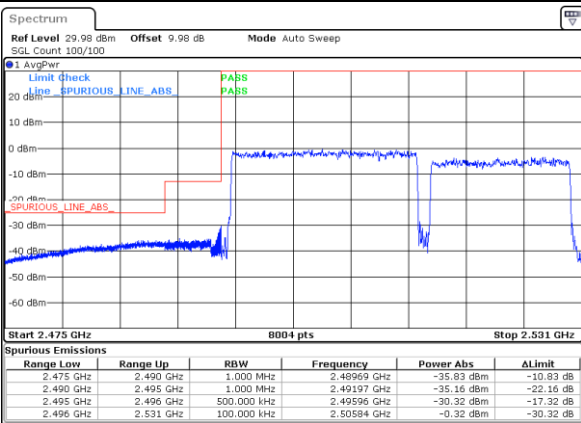


Date: 1.JAN.2023 15:30:02

Date: 1.JAN.2023 15:39:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:23:34

Date: 1.JAN.2023 15:33:23

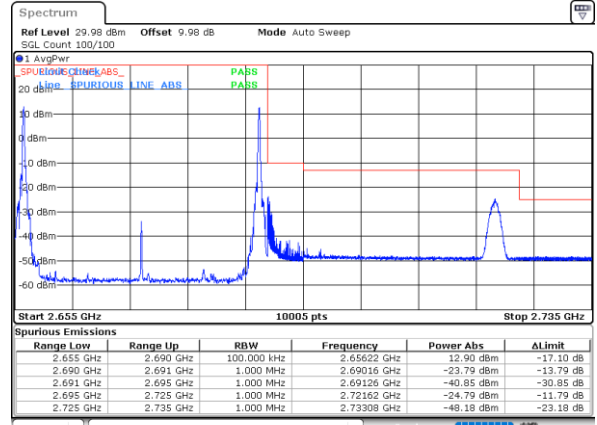
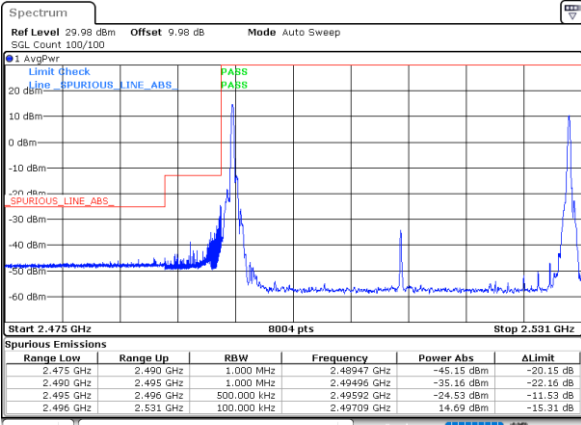


LTE Band 41C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

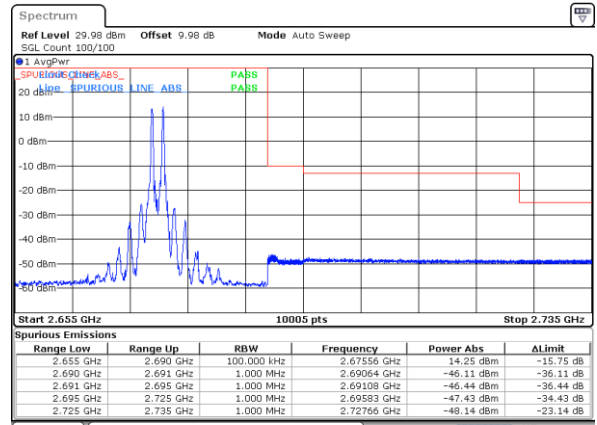
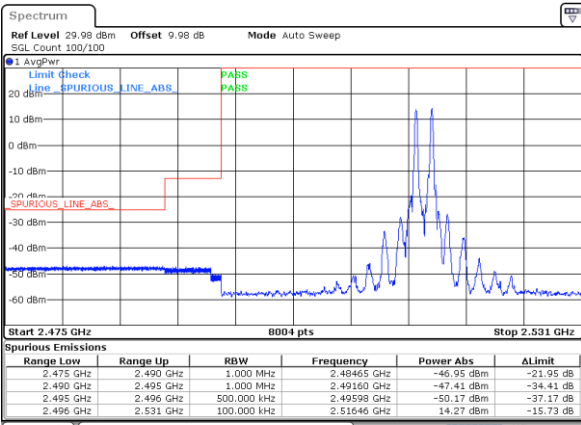


Date: 1.JAN.2023 15:25:11

Date: 1.JAN.2023 15:35:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

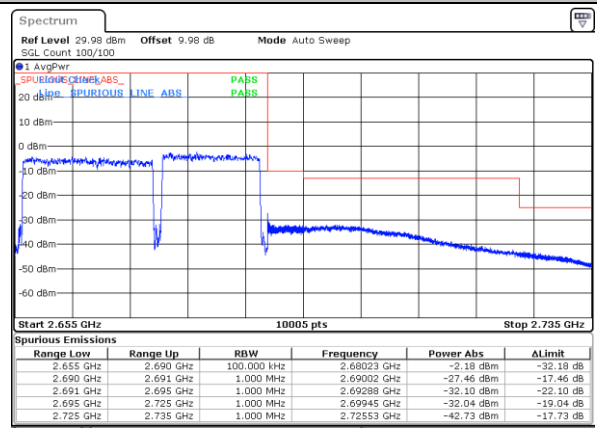
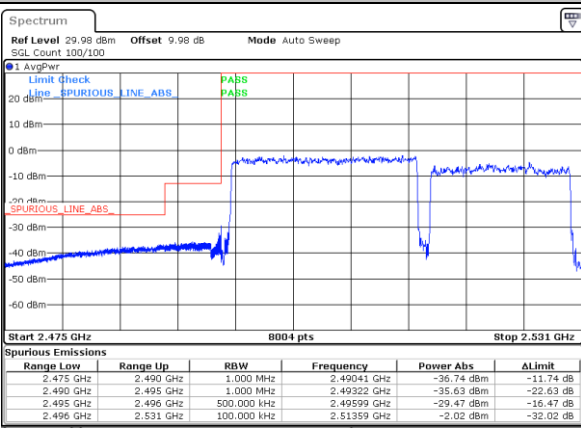


Date: 1.JAN.2023 15:30:50

Date: 1.JAN.2023 15:40:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:24:22

Date: 1.JAN.2023 15:34:11

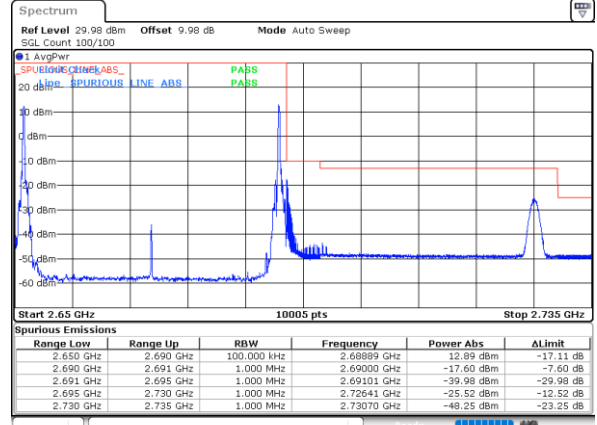
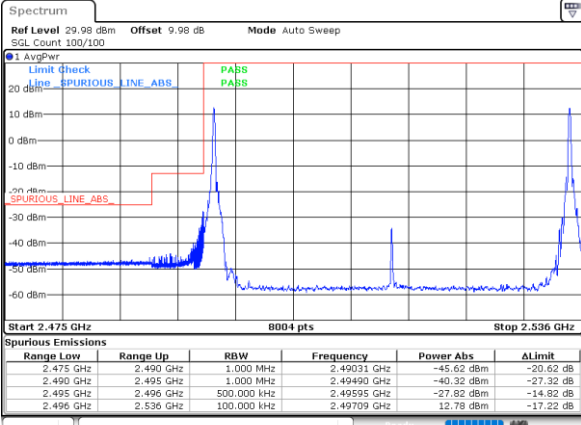


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

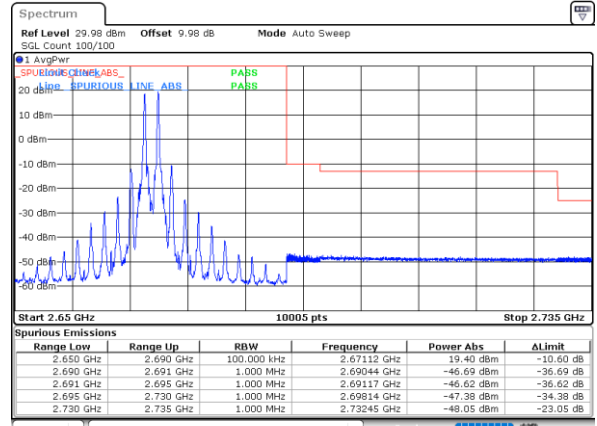
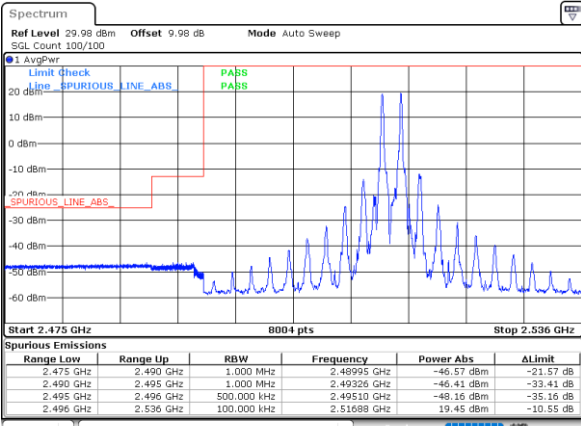


Date: 1.JAN.2023 15:51:49

Date: 1.JAN.2023 16:05:11

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

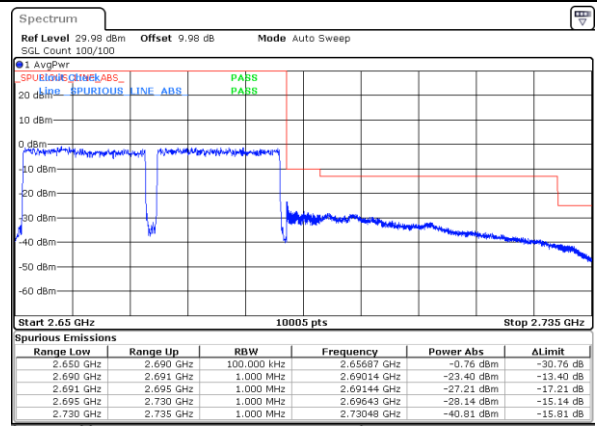
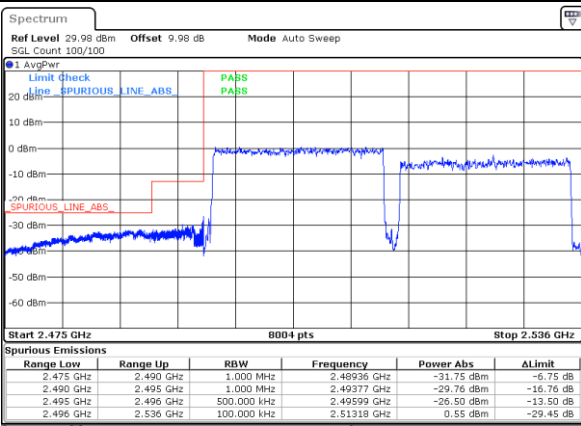


Date: 1.JAN.2023 15:52:38

Date: 1.JAN.2023 16:05:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:41:33

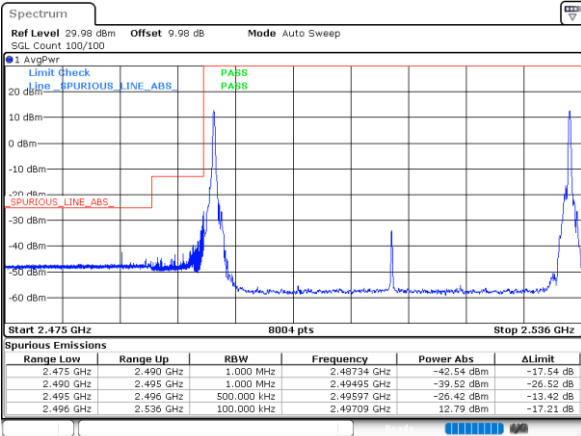
Date: 1.JAN.2023 15:55:58



LTE Band 41C / 20MHz+20MHz

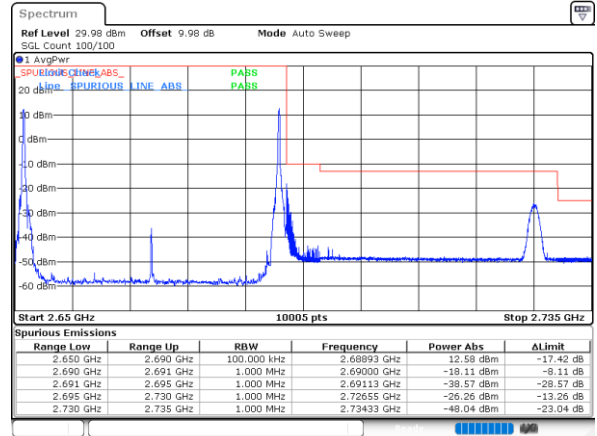
16QAM

Lowest Band Edge / 1RB0 and 1RB9



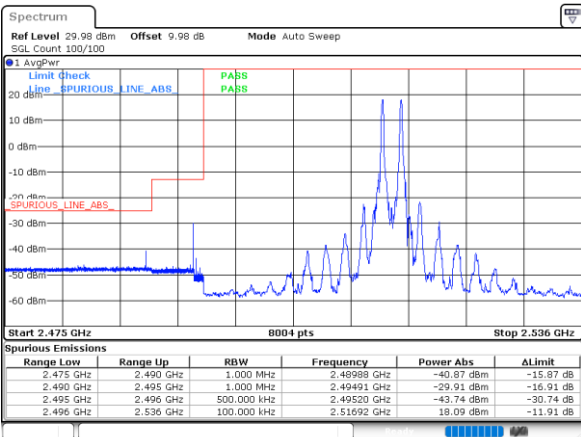
Date: 1, JAN, 2023 15:51:01

Highest Band Edge / 1RB0 and 1RB9



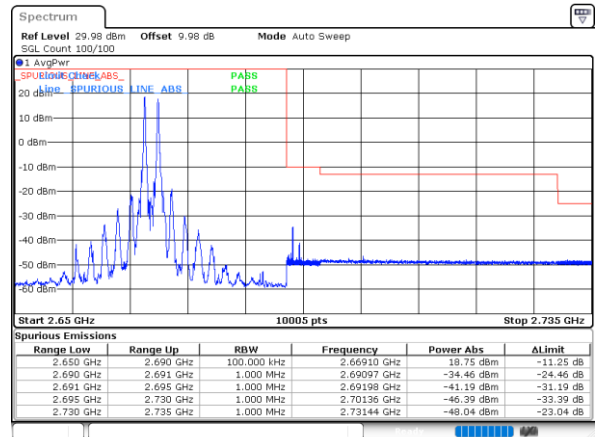
Date: 1, JAN, 2023 16:04:23

Lowest Band Edge / 1RB99 and 1RB0



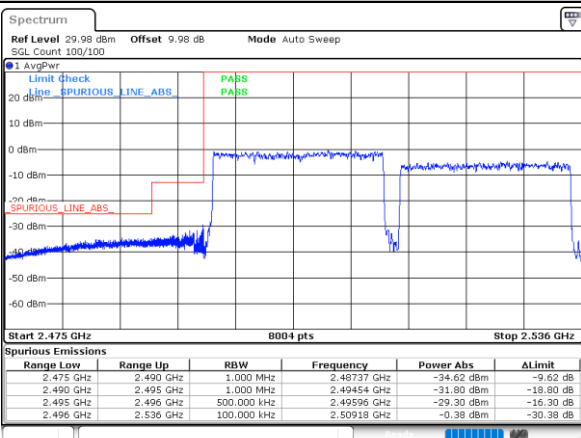
Date: 1, JAN, 2023 15:53:27

Highest Band Edge / 1RB99 and 1RB0



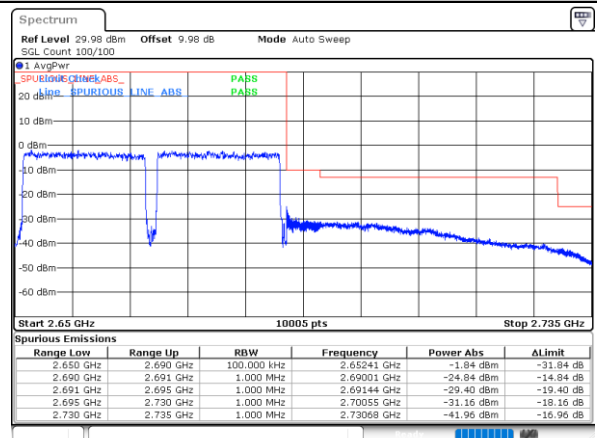
Date: 1, JAN, 2023 16:06:48

Lowest Band Edge / Full RB



Date: 1, JAN, 2023 15:42:21

Highest Band Edge / Full RB



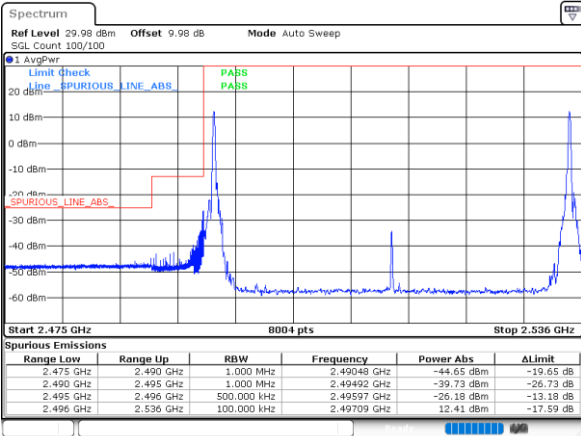
Date: 1, JAN, 2023 15:56:46



LTE Band 41C / 20MHz+20MHz

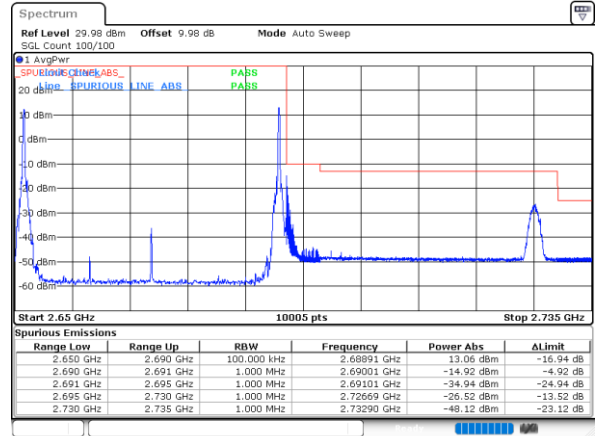
64QAM

Lowest Band Edge / 1RB0 and 1RB9



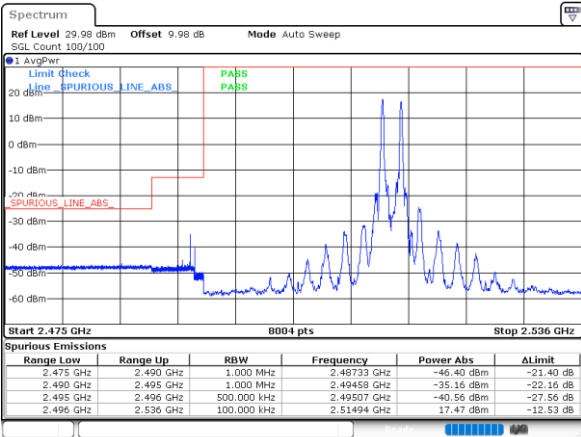
Date: 1.JAN.2023 15:50:12

Highest Band Edge / 1RB0 and 1RB9



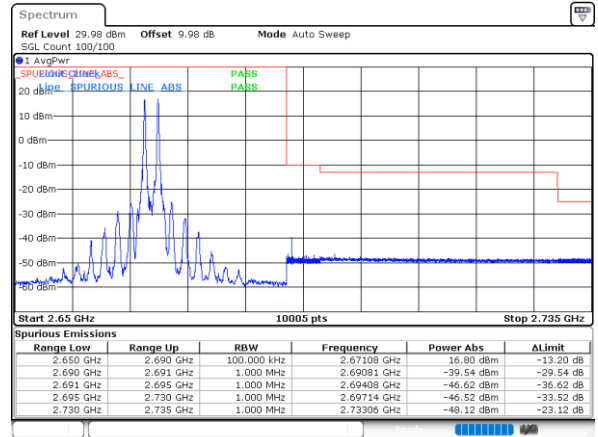
Date: 1.JAN.2023 16:03:35

Lowest Band Edge / 1RB99 and 1RB0



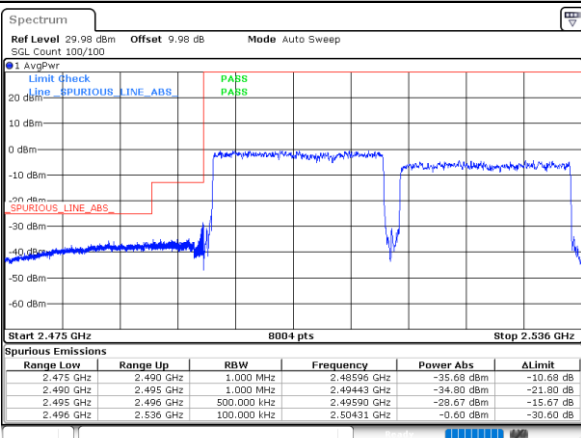
Date: 1.JAN.2023 15:54:15

Highest Band Edge / 1RB99 and 1RB0



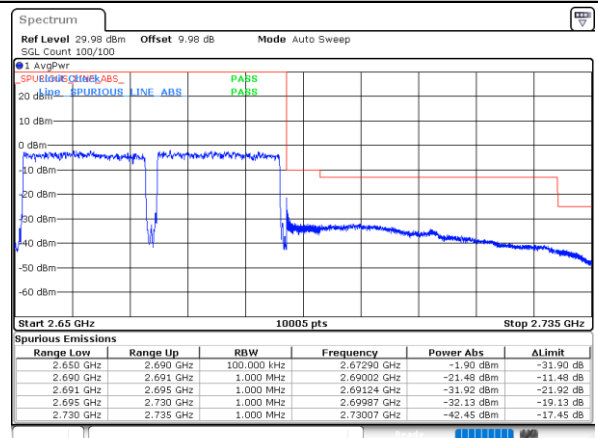
Date: 1.JAN.2023 16:07:36

Lowest Band Edge / Full RB



Date: 1.JAN.2023 15:43:09

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:57:35

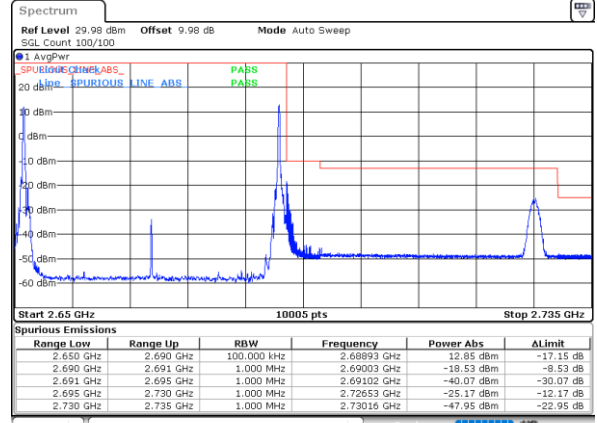
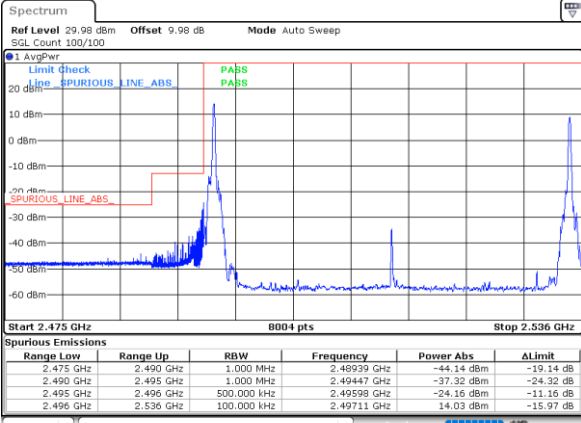


LTE Band 41C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

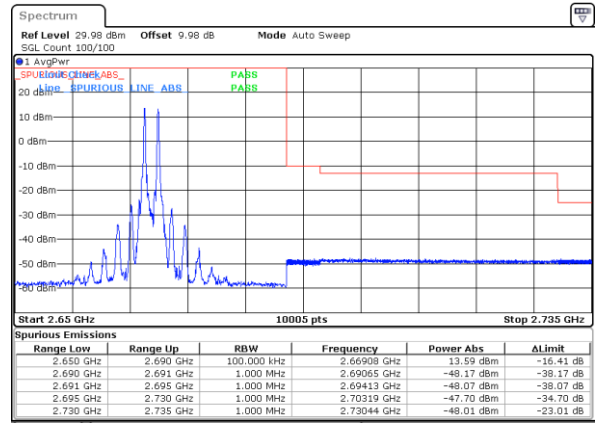
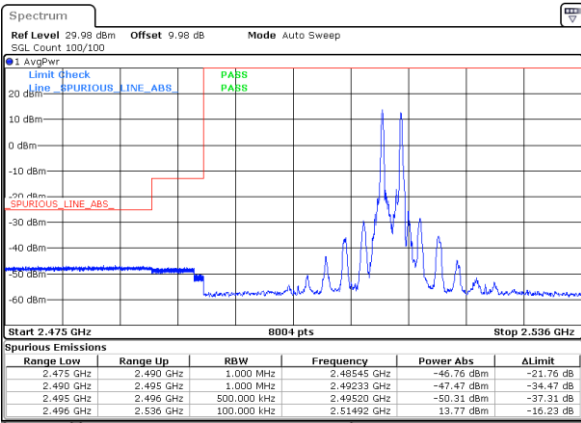


Date: 1.JAN.2023 15:44:46

Date: 1.JAN.2023 16:02:47

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

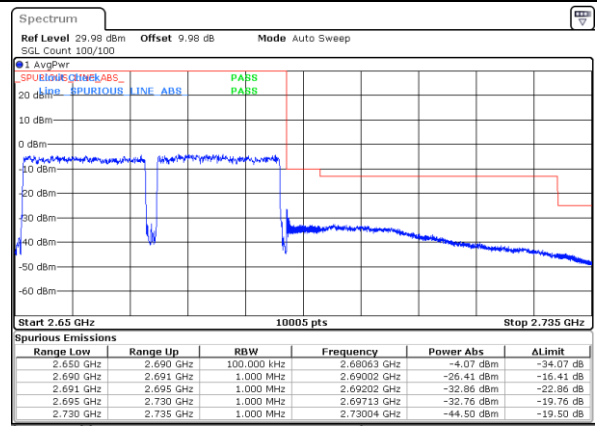
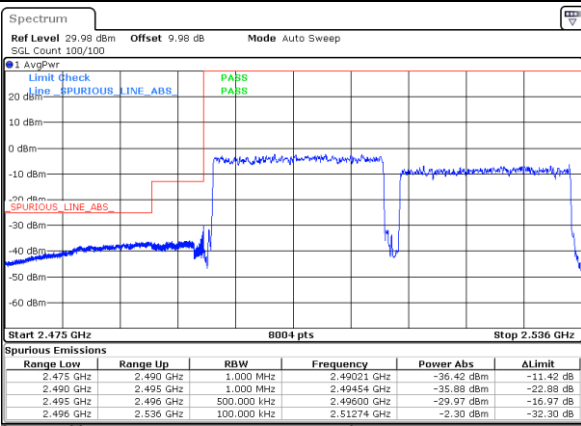


Date: 1.JAN.2023 15:55:03

Date: 1.JAN.2023 16:08:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.JAN.2023 15:43:57

Date: 1.JAN.2023 16:01:59

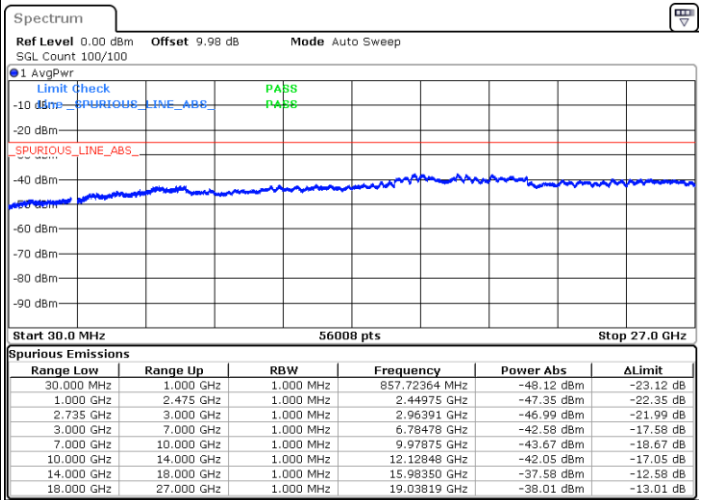
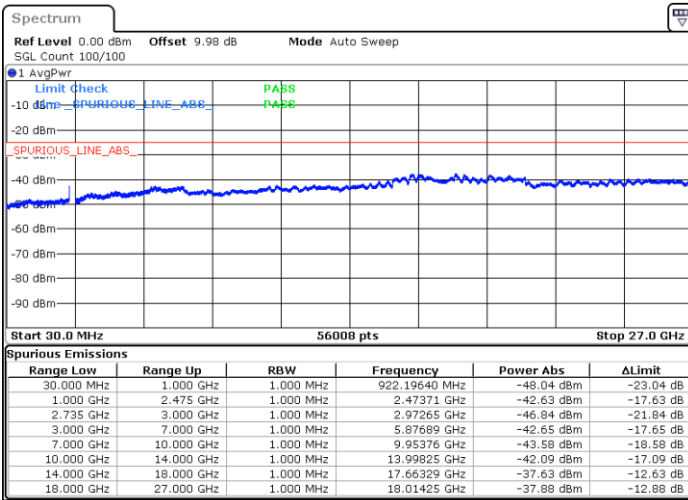


# Conducted Spurious Emission

## LTE Band 41C / 5MHz+20MHz

### Lowest Channel / QPSK

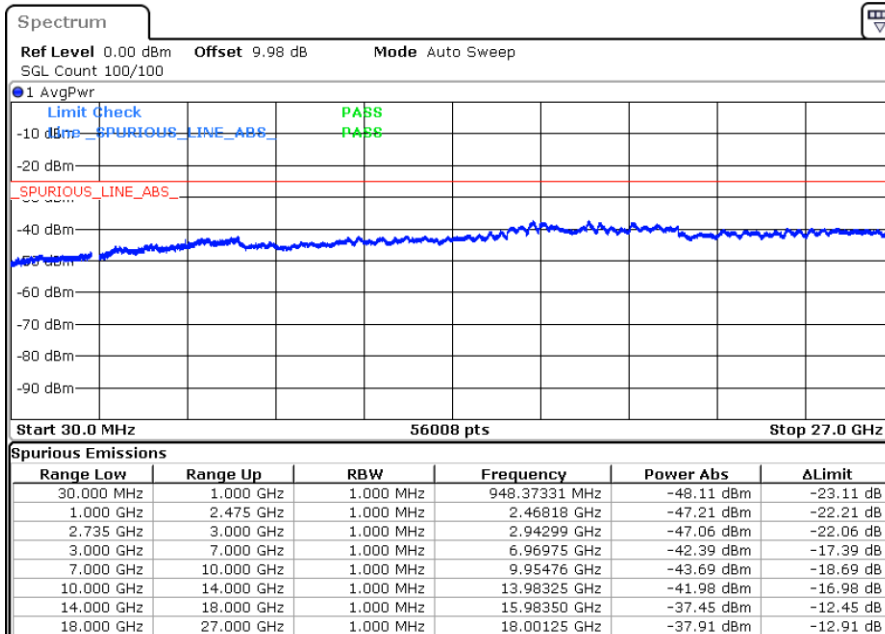
### Middle Channel / QPSK



Date: 1.JAN.2023 17:01:54

Date: 1.JAN.2023 17:00:21

### Highest Channel / QPSK



Date: 1.JAN.2023 16:58:47

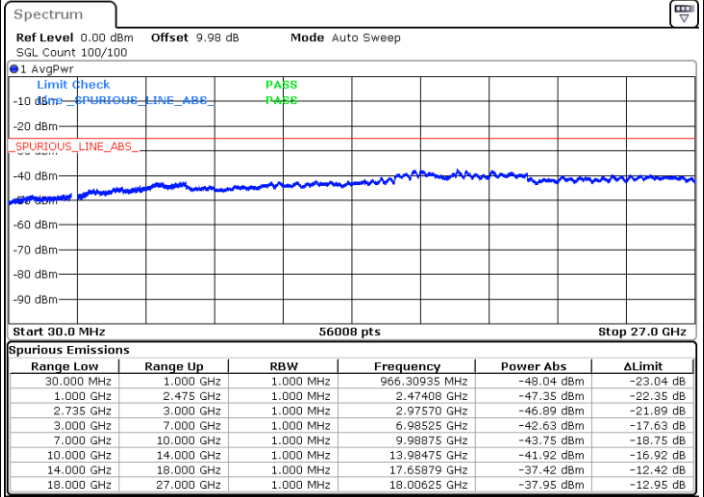
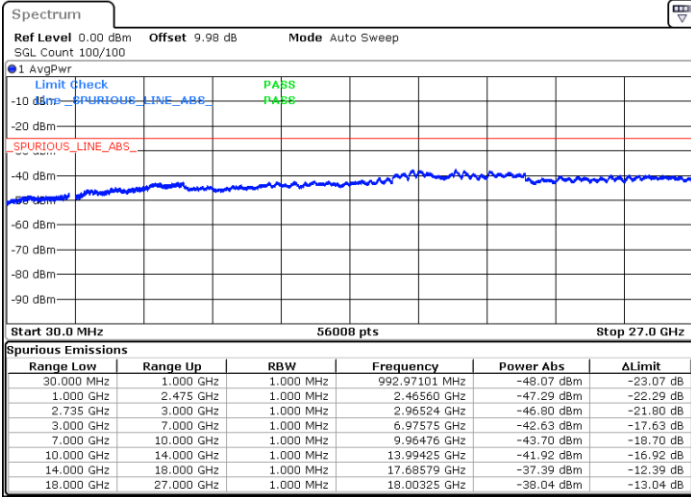




LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK

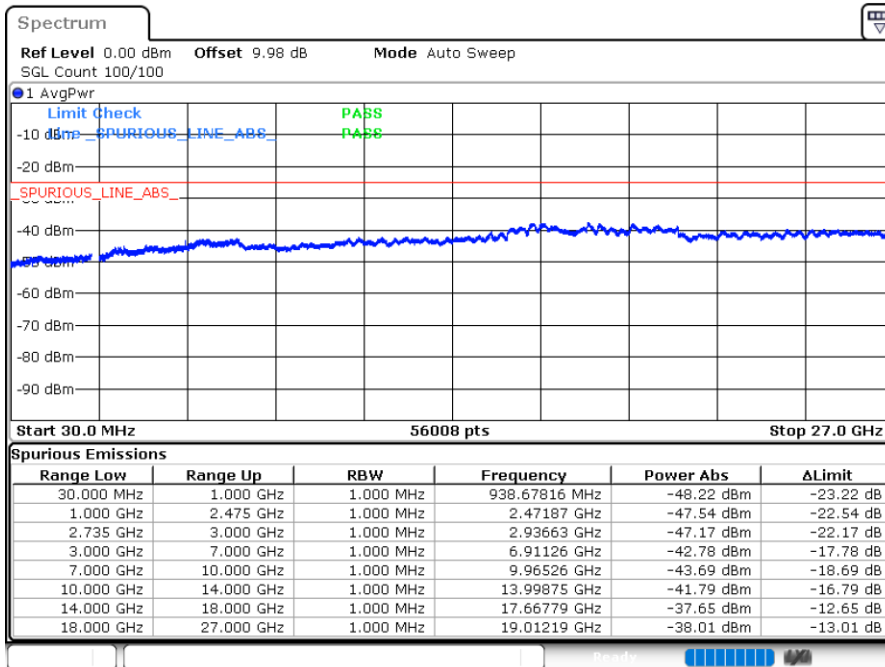
Middle Channel / QPSK



Date: 1.JAN.2023 17:17:53

Date: 1.JAN.2023 17:19:26

Highest Channel / QPSK



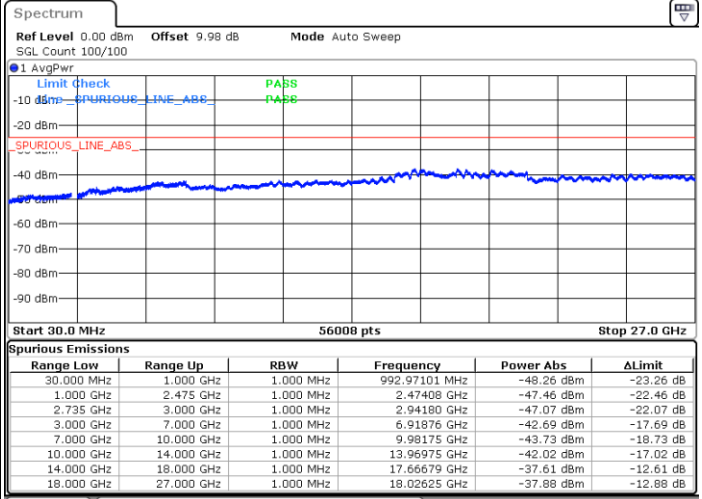
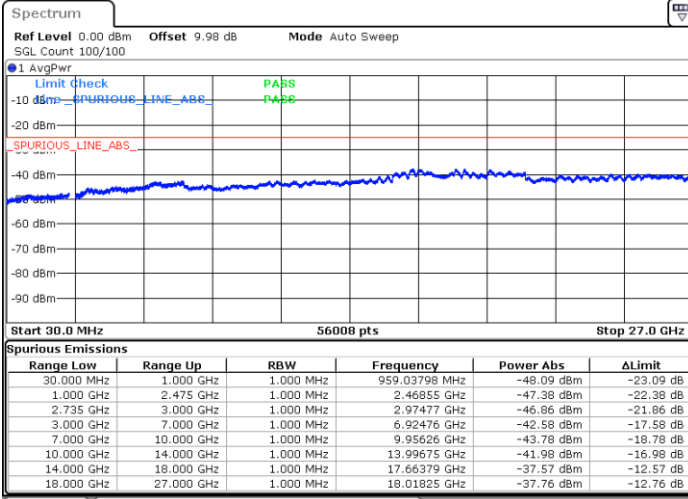
Date: 1.JAN.2023 17:20:59



LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

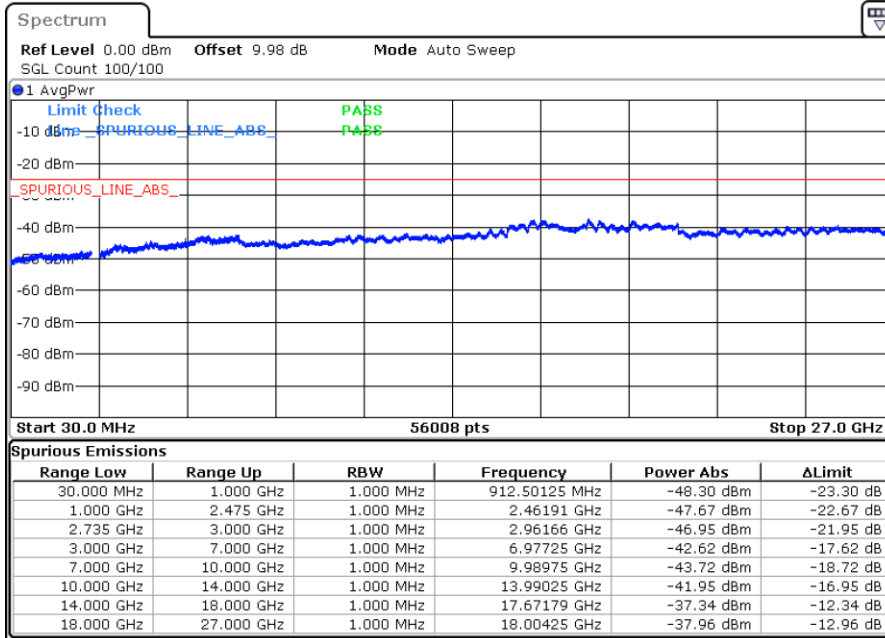
Middle Channel / QPSK



Date: 1. JAN. 2023 17:28:47

Date: 1. JAN. 2023 17:30:21

Highest Channel / QPSK



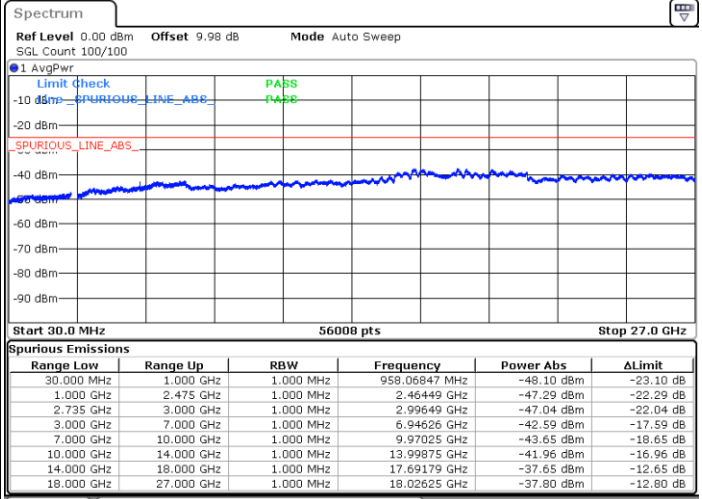
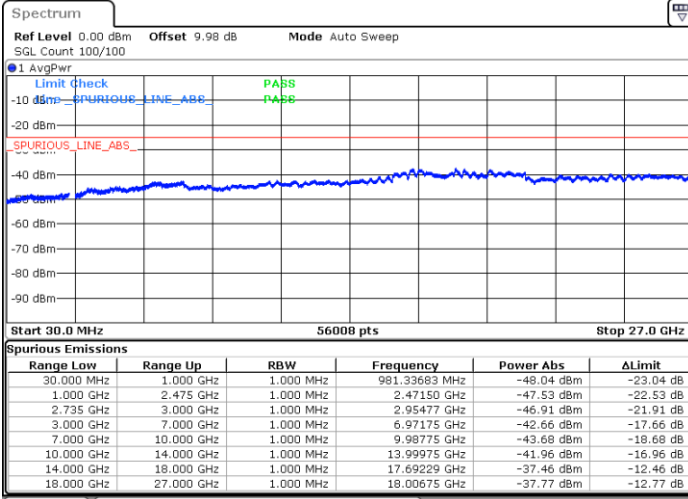
Date: 1. JAN. 2023 17:31:54



LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

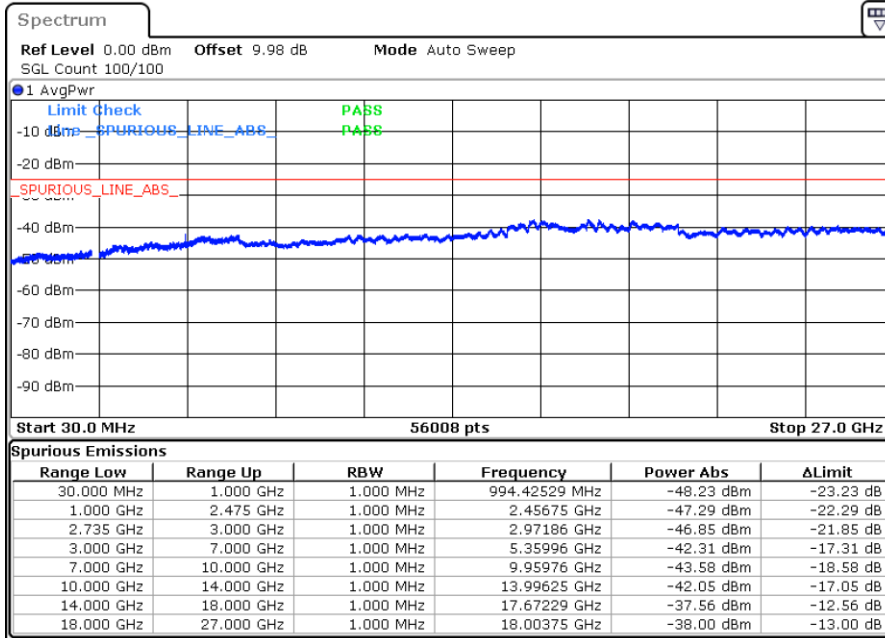
Middle Channel / QPSK



Date: 1.JAN.2023 17:23:02

Date: 1.JAN.2023 17:24:36

Highest Channel / QPSK



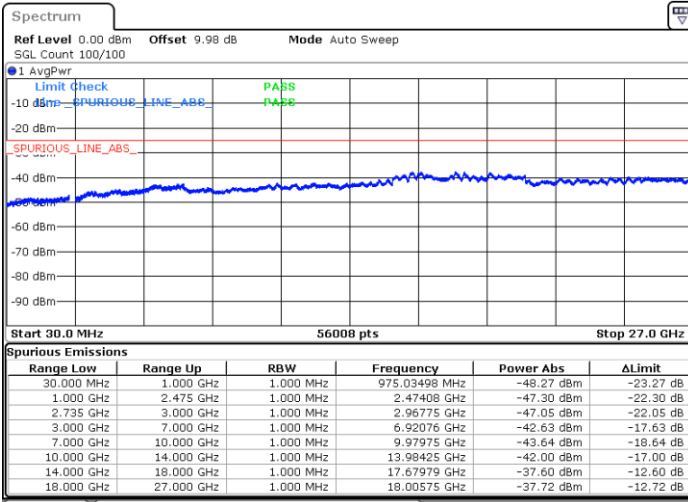
Date: 1.JAN.2023 17:26:09



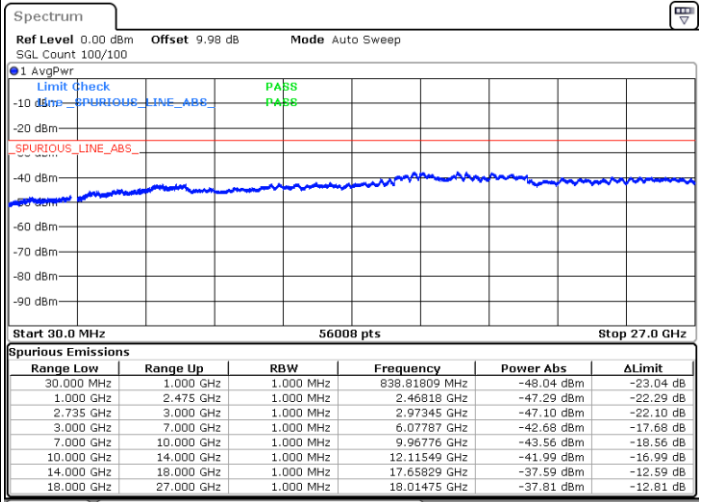
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

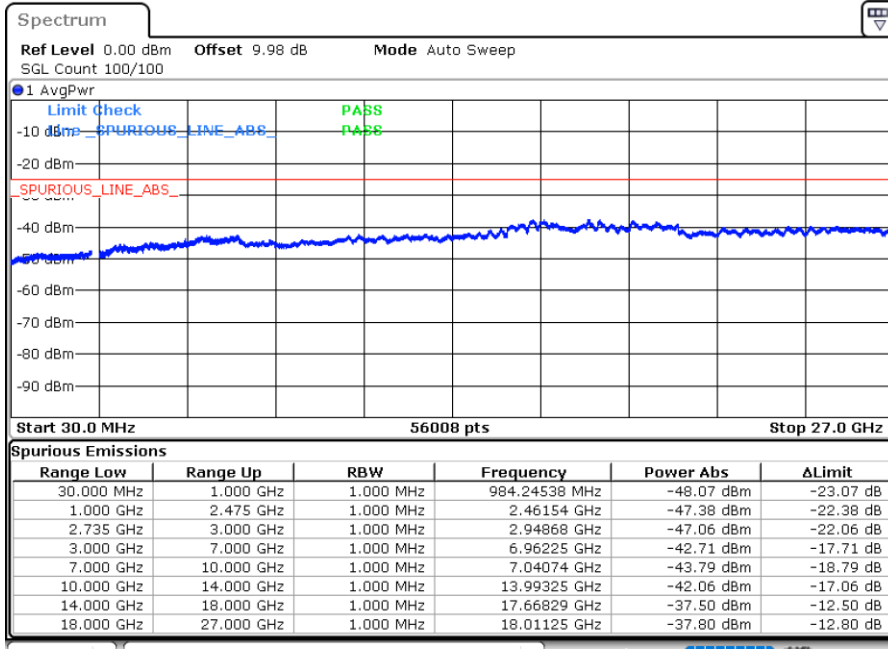


Date: 1. JAN. 2023 17:39:51



Date: 1. JAN. 2023 17:41:24

Highest Channel / QPSK



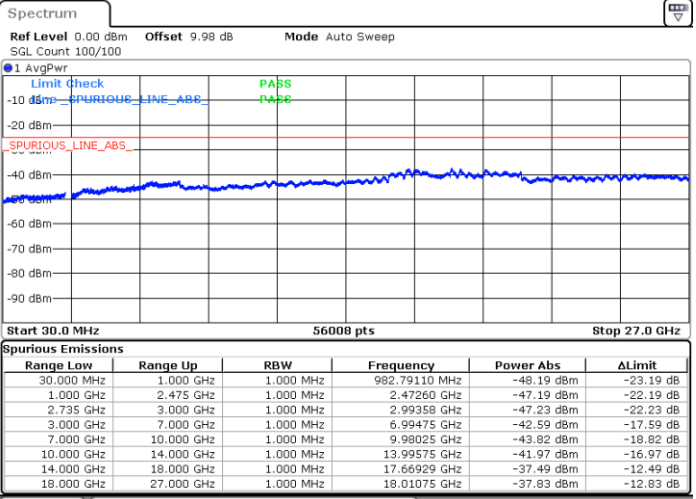
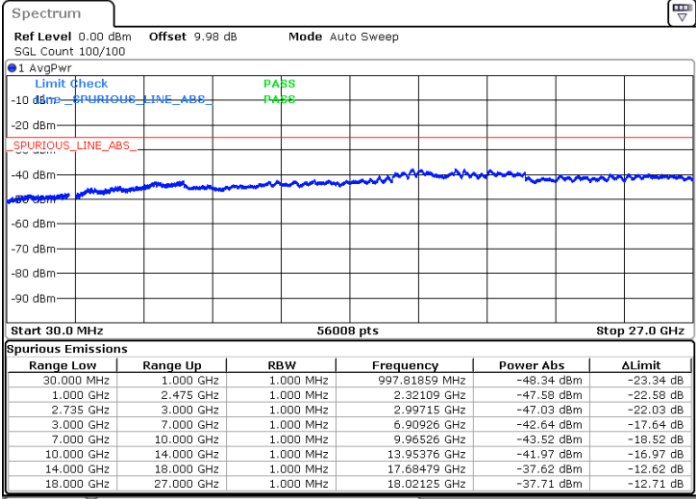
Date: 1. JAN. 2023 17:42:58



LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

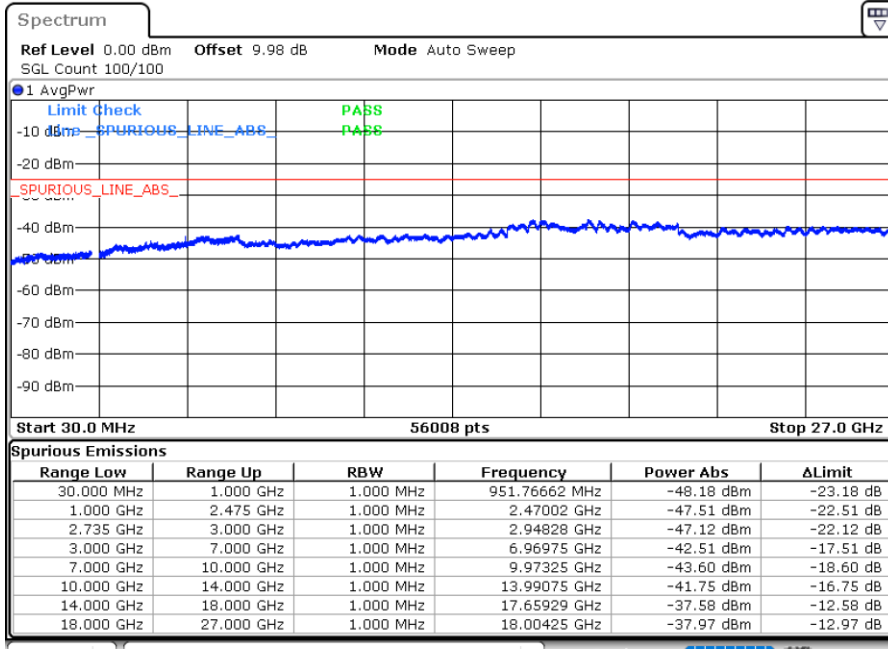
Middle Channel / QPSK



Date: 1. JAN. 2023 17:44:31

Date: 1. JAN. 2023 17:46:05

Highest Channel / QPSK



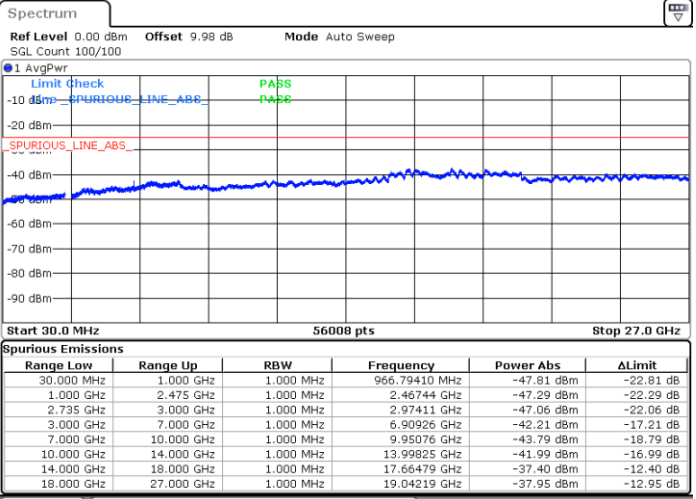
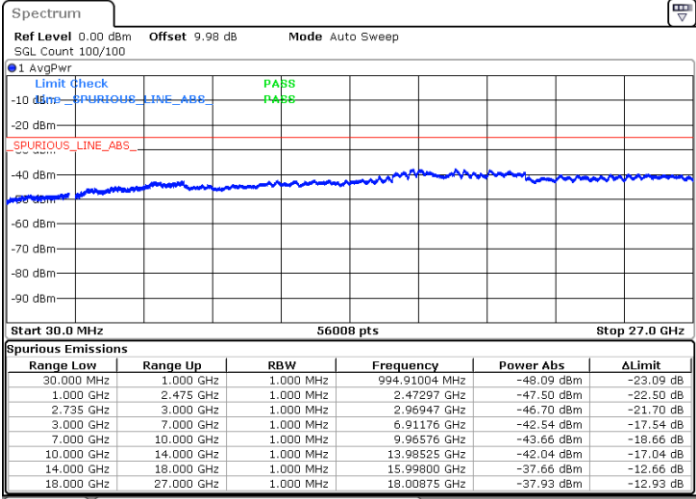
Date: 1. JAN. 2023 17:47:38



LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

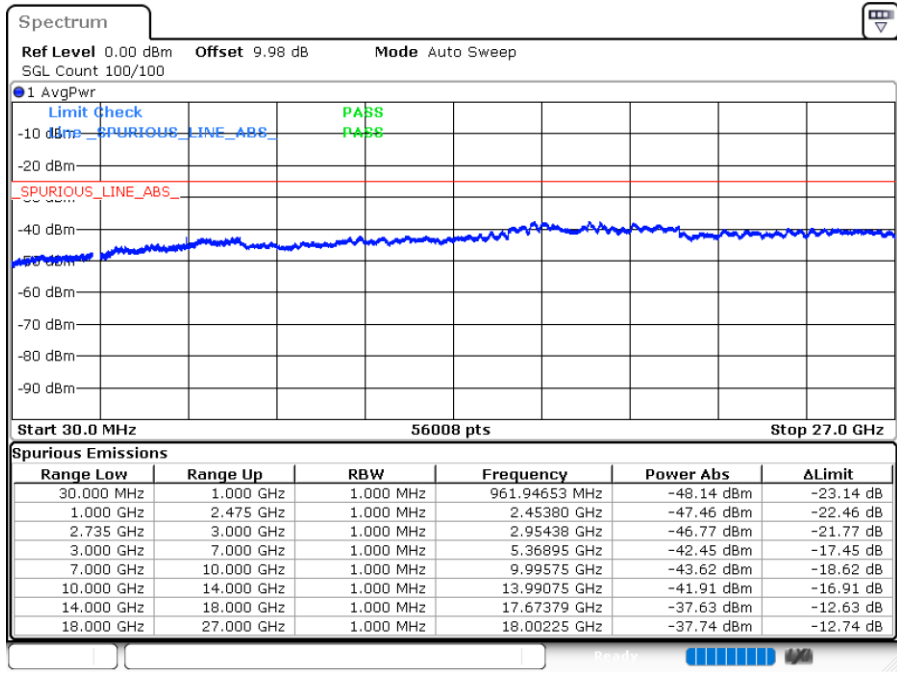
Middle Channel / QPSK



Date: 1.JAN.2023 17:03:29

Date: 1.JAN.2023 17:05:03

Highest Channel / QPSK



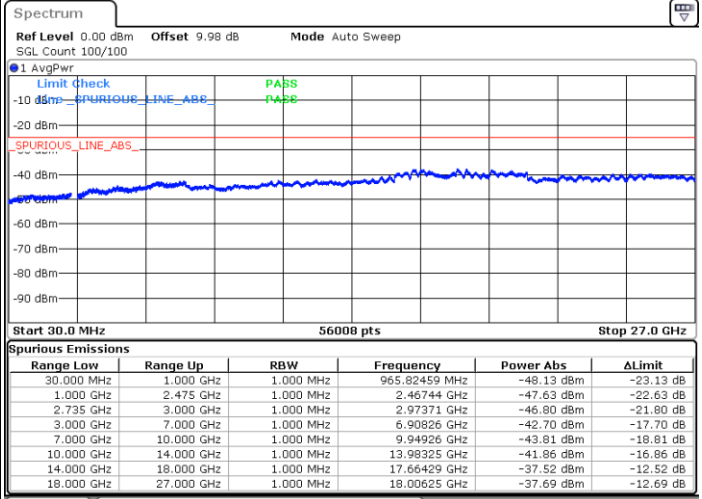
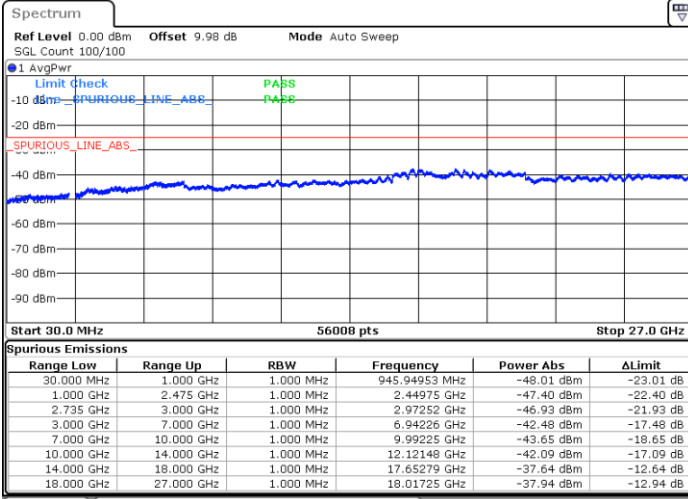
Date: 1.JAN.2023 17:06:37



LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

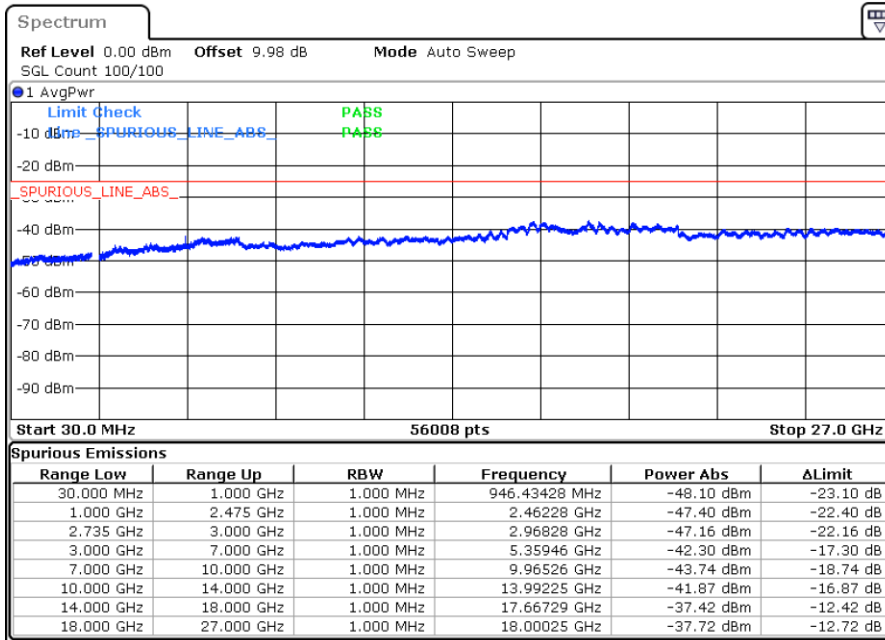
Middle Channel / QPSK



Date: 1.JAN.2023 17:35:10

Date: 1.JAN.2023 17:36:44

Highest Channel / QPSK



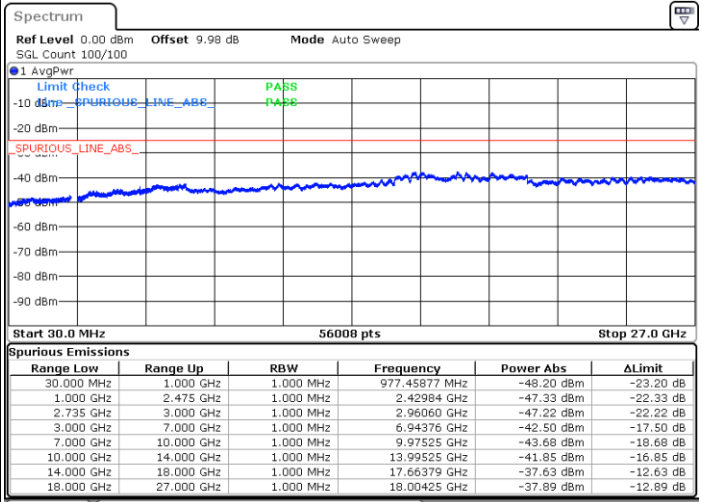
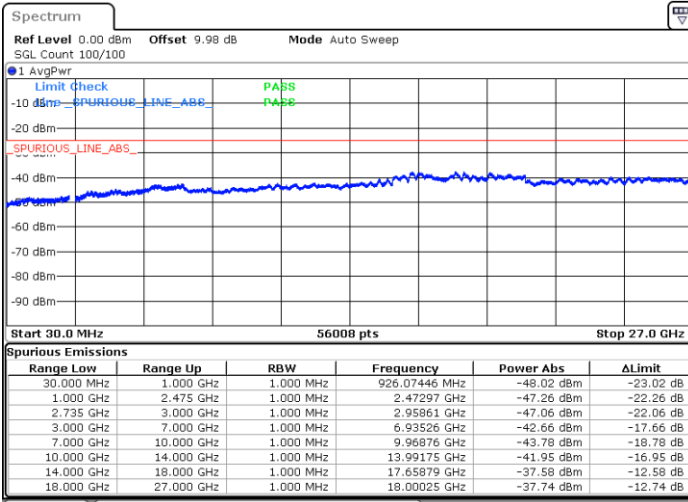
Date: 1.JAN.2023 17:38:17



LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

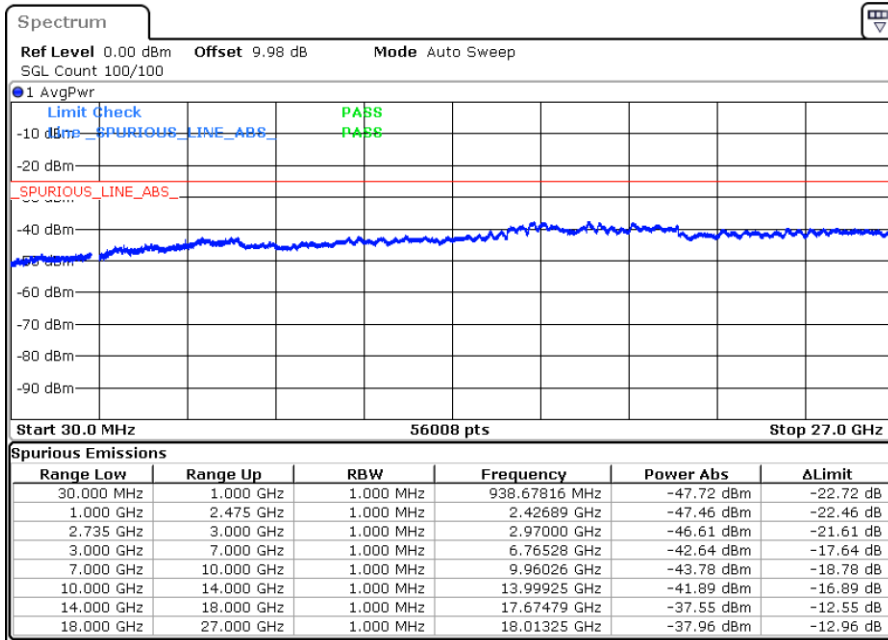
Middle Channel / QPSK



Date: 1.JAN.2023 17:49:12

Date: 1.JAN.2023 17:50:45

Highest Channel / QPSK



Date: 1.JAN.2023 17:52:18

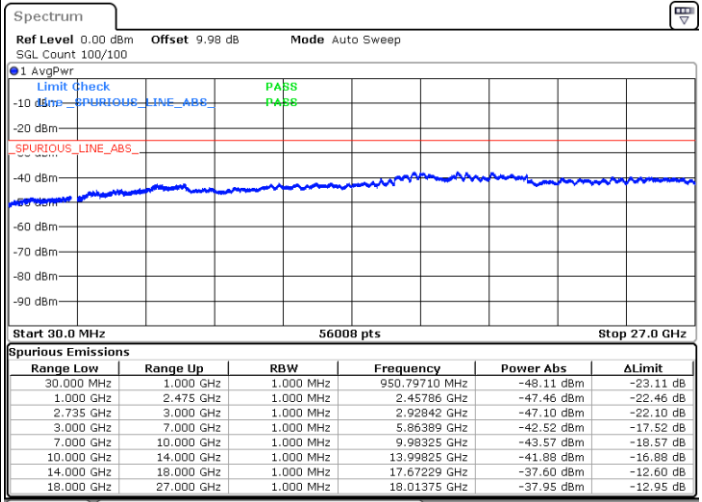
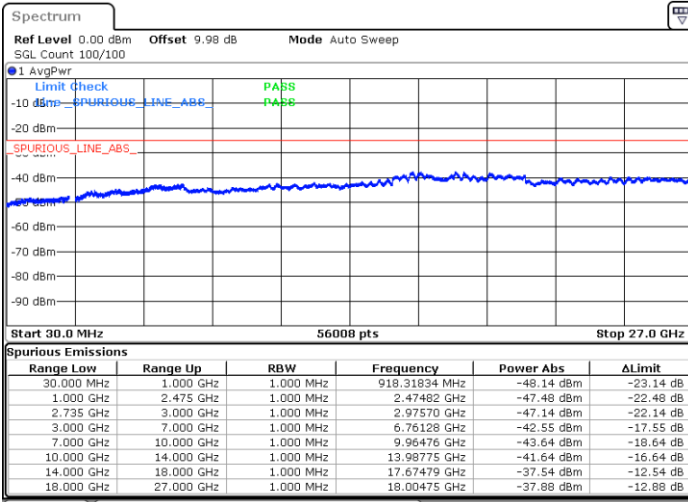




LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

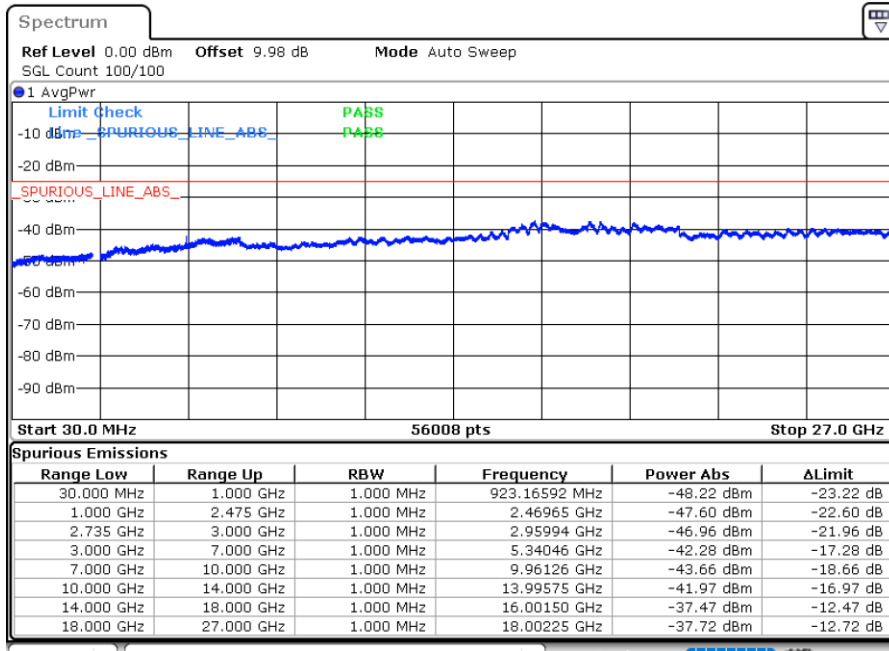
Middle Channel / QPSK



Date: 1. JAN. 2023 17:53:51

Date: 1. JAN. 2023 17:55:25

Highest Channel / QPSK



Date: 1. JAN. 2023 17:56:58



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

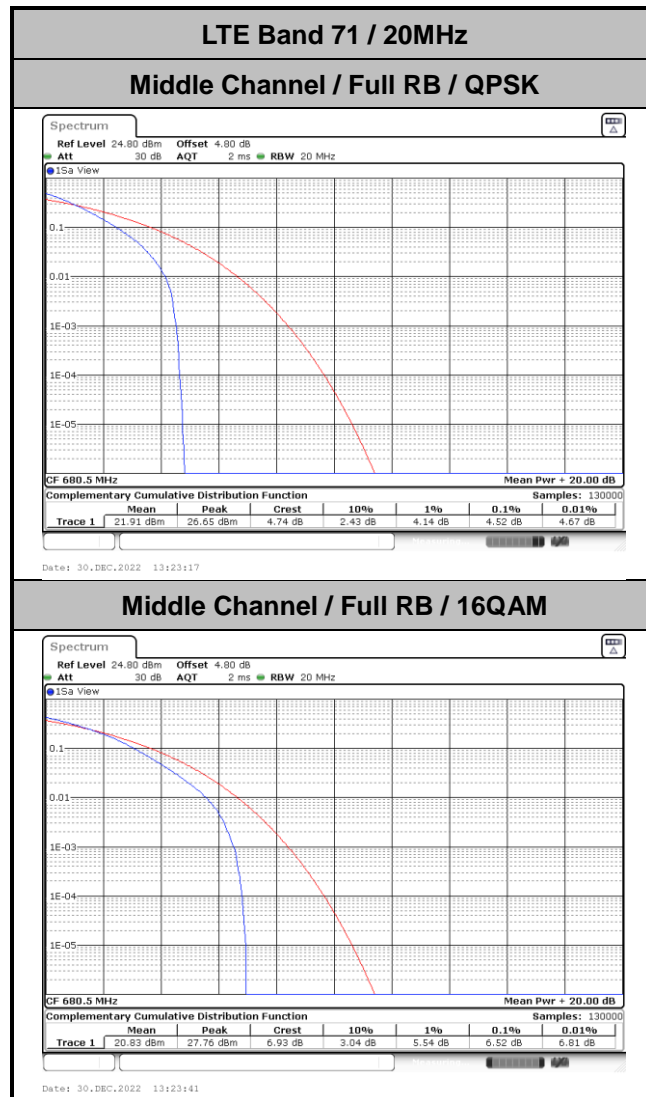
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

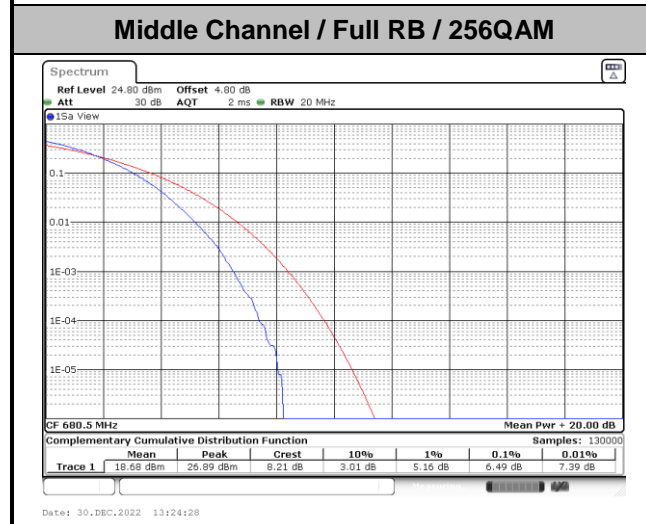
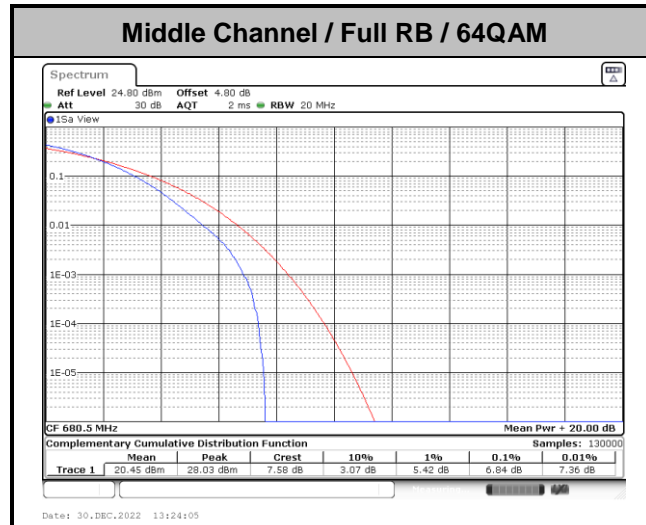


# LTE Band 71

## Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.52	6.52	6.84	6.49	PASS

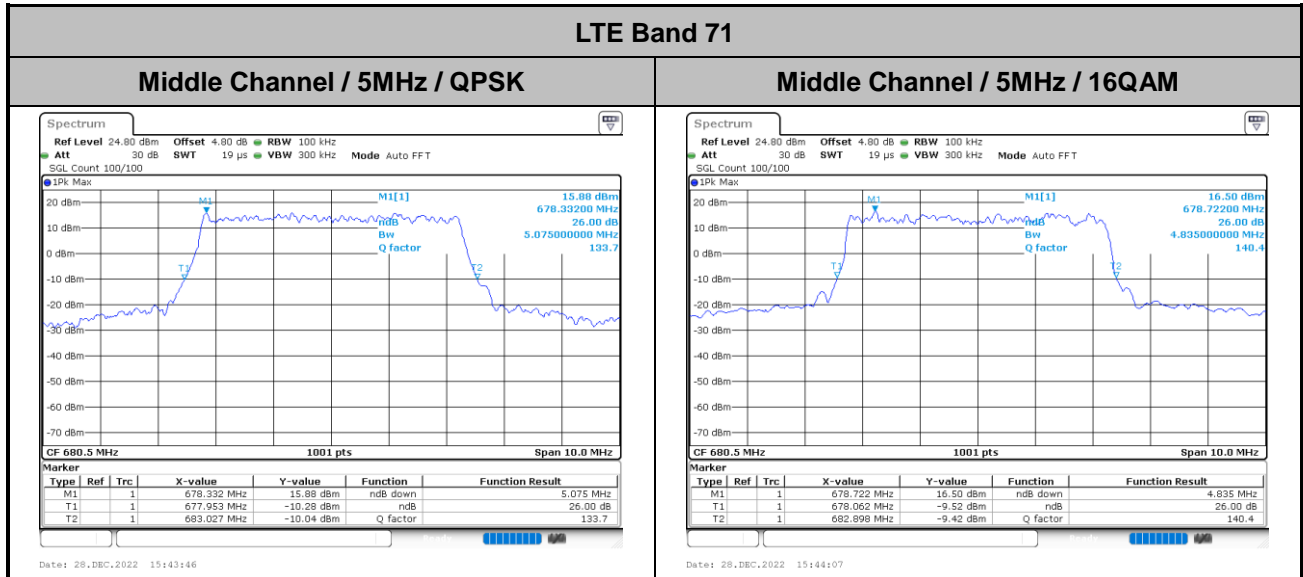






**26dB Bandwidth**

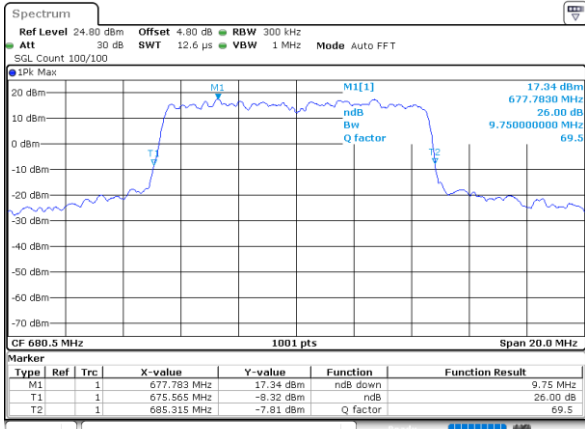
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.08	4.84
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.75	9.65
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.57	14.60
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	20.14





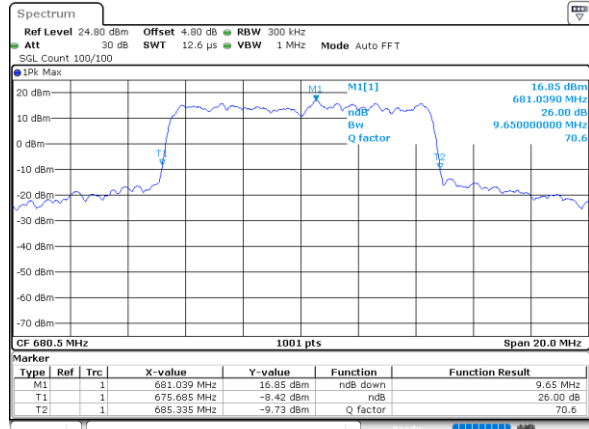
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 28, DEC, 2022 16:06:00

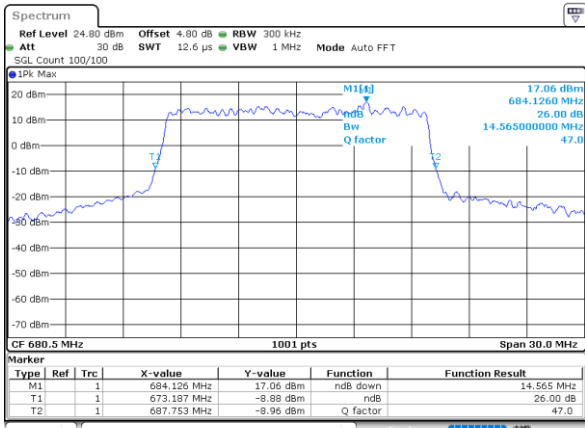
Middle Channel / 10MHz / 16QAM



Date: 28, DEC, 2022 16:06:122

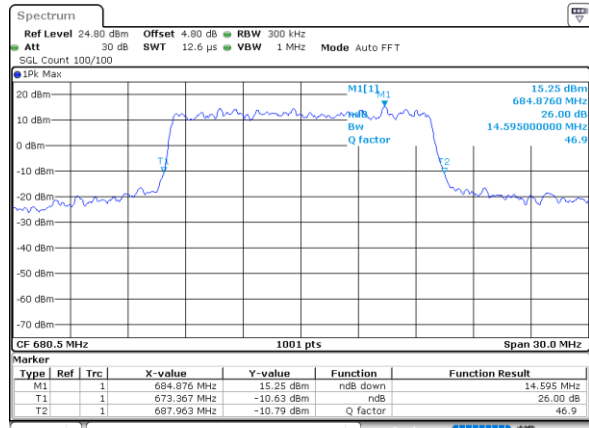
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 28, DEC, 2022 16:28:39

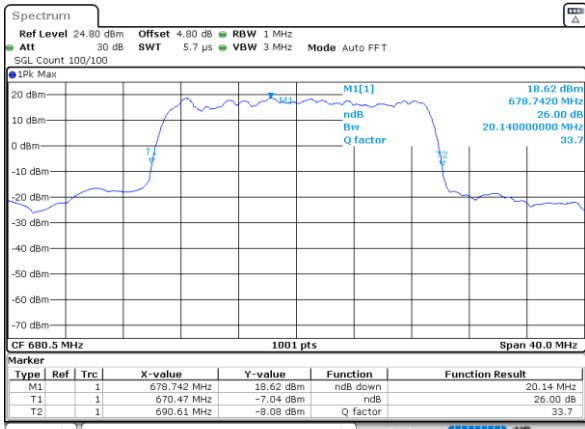
Middle Channel / 15MHz / 16QAM



Date: 28, DEC, 2022 16:29:00

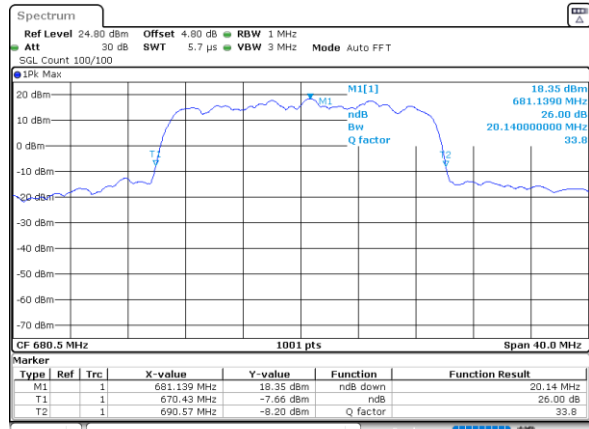
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 30, DEC, 2022 13:11:52

Middle Channel / 20MHz / 16QAM

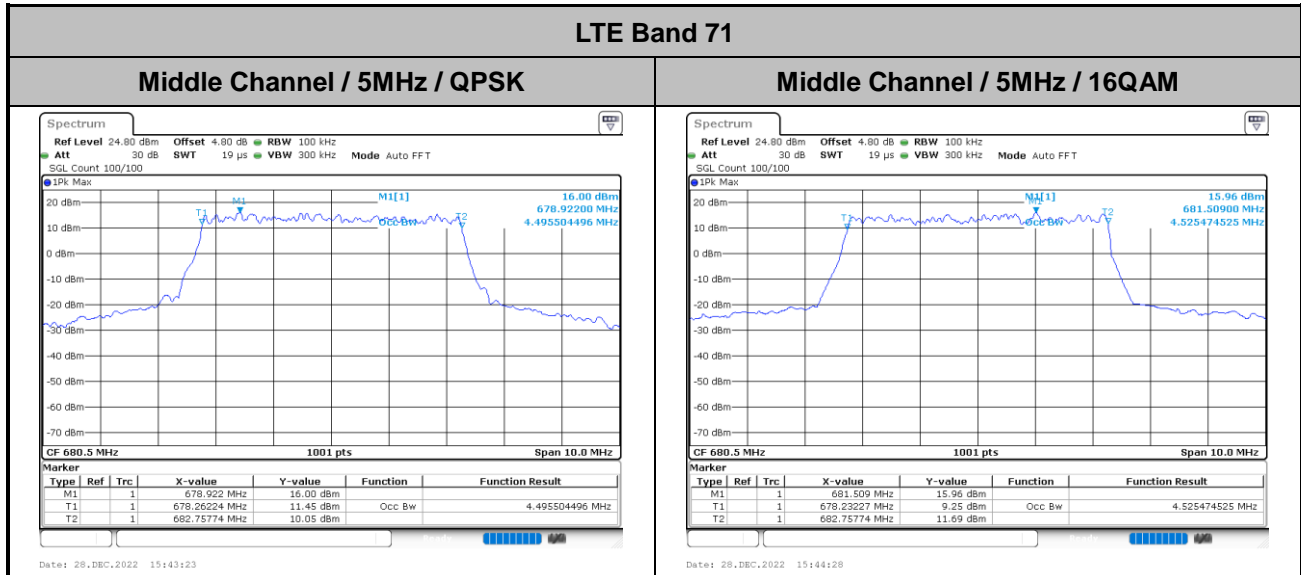


Date: 30, DEC, 2022 13:12:14



## Occupied Bandwidth

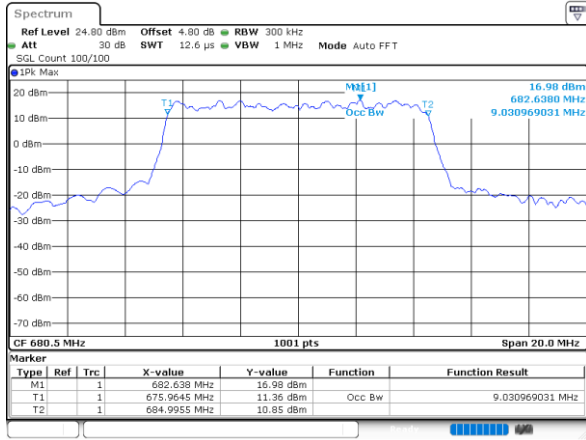
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.53
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.03
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.37	13.49
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.38	18.18





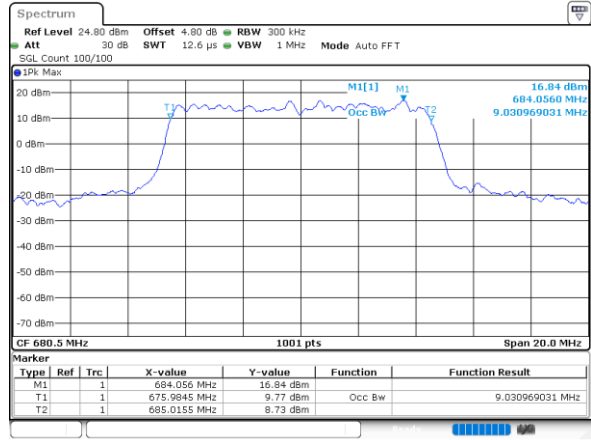
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 28, DEC, 2022 16:05:39

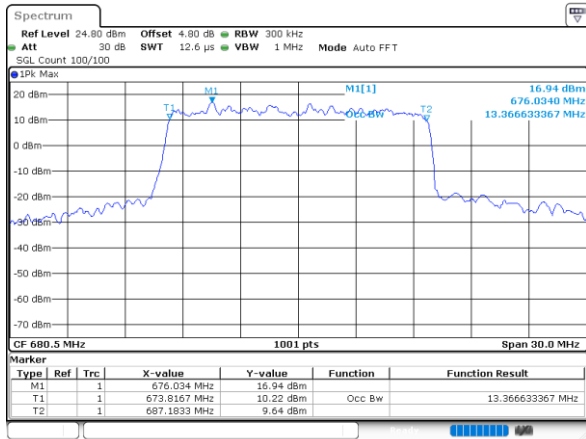
Middle Channel / 10MHz / 16QAM



Date: 28, DEC, 2022 16:06:44

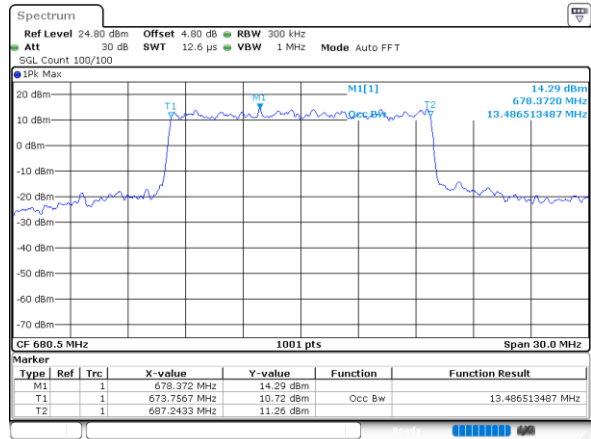
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 28, DEC, 2022 16:28:17

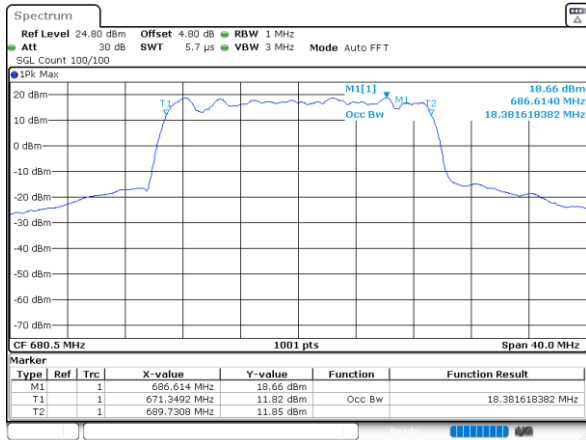
Middle Channel / 15MHz / 16QAM



Date: 28, DEC, 2022 16:29:22

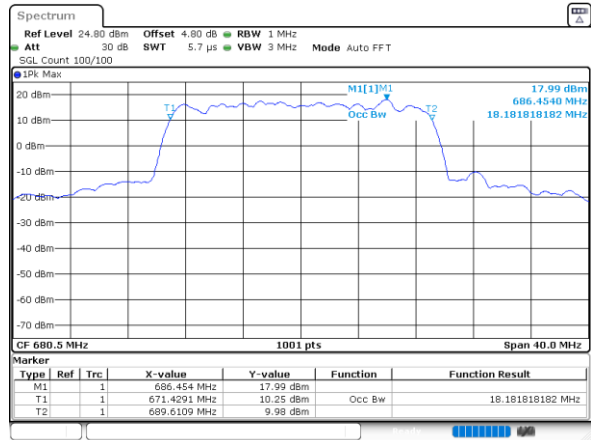
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 30, DEC, 2022 13:11:30

Middle Channel / 20MHz / 16QAM



Date: 30, DEC, 2022 13:12:35

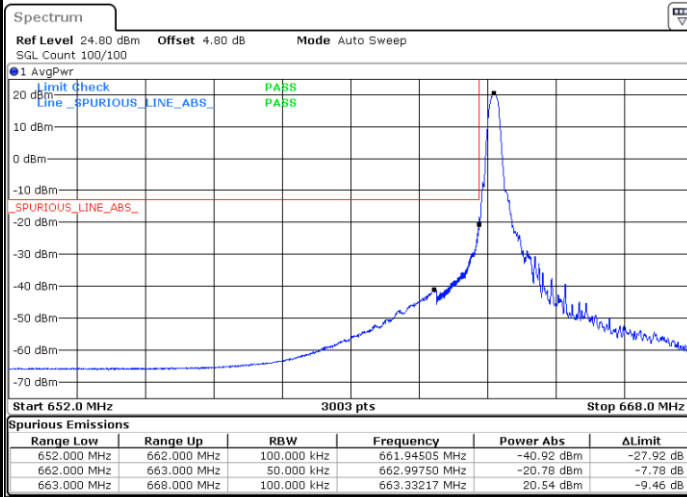




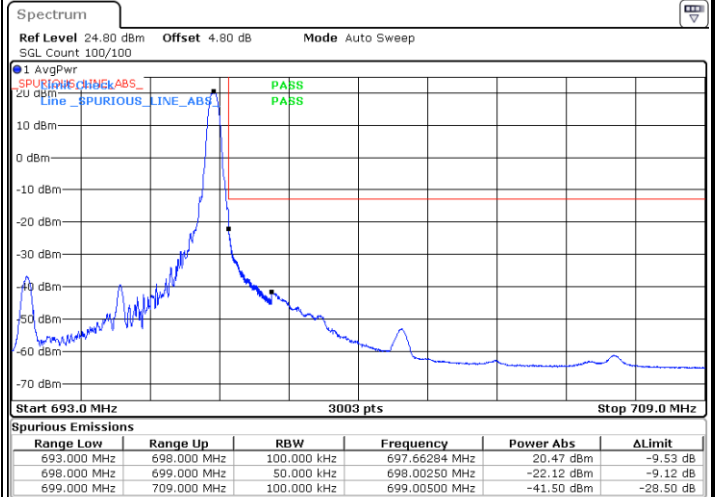
# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

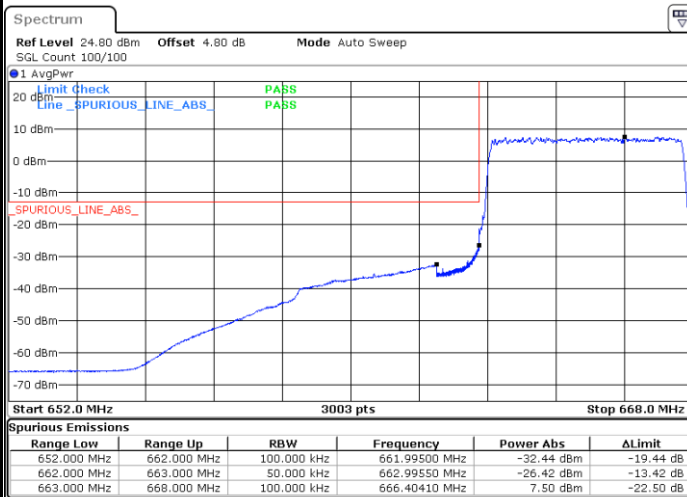
### Lowest Band Edge / 1 RB



### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

