

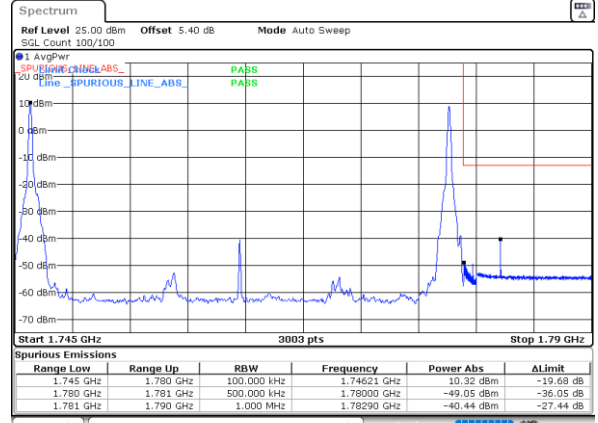
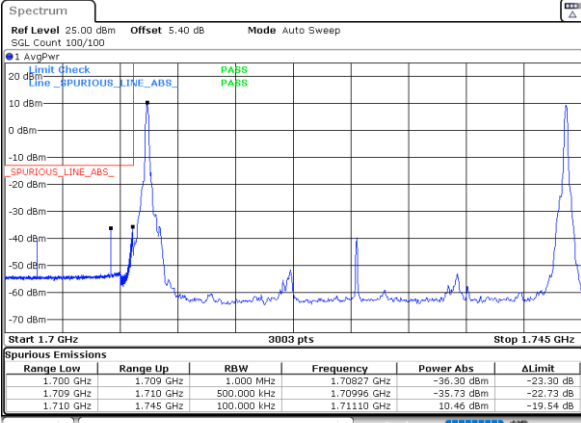


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

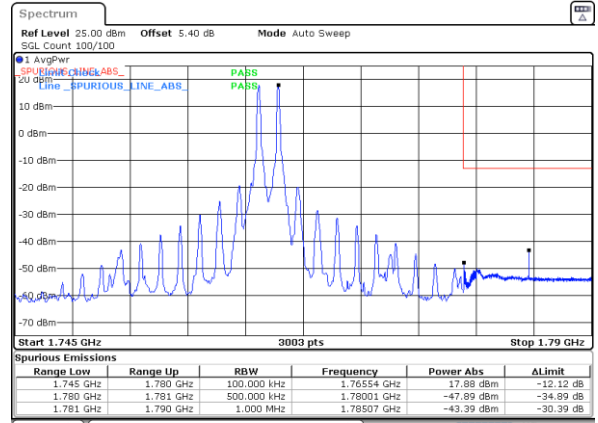
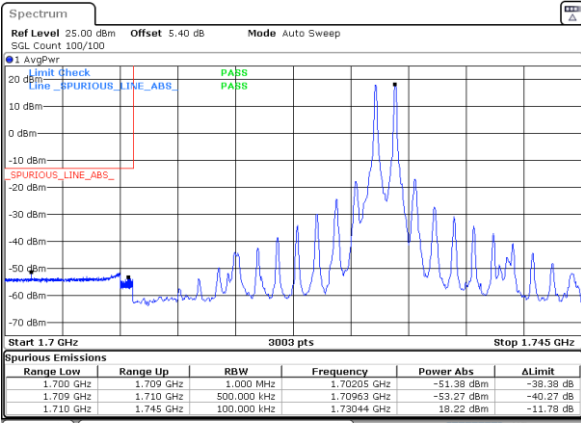


Date: 10, FEB, 2023 18:22:51

Date: 10, FEB, 2023 18:28:09

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

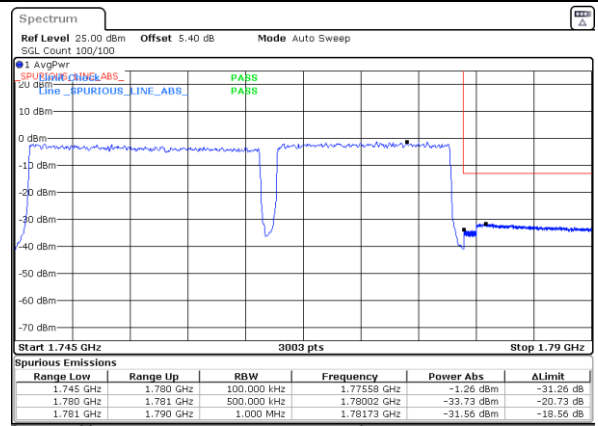
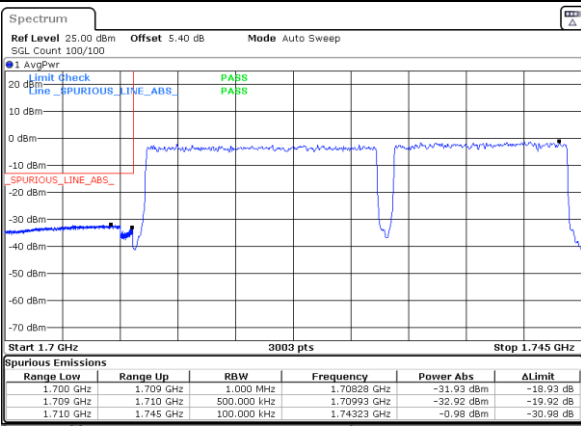


Date: 10, FEB, 2023 18:23:36

Date: 10, FEB, 2023 18:31:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10, FEB, 2023 18:19:09

Date: 10, FEB, 2023 18:25:53

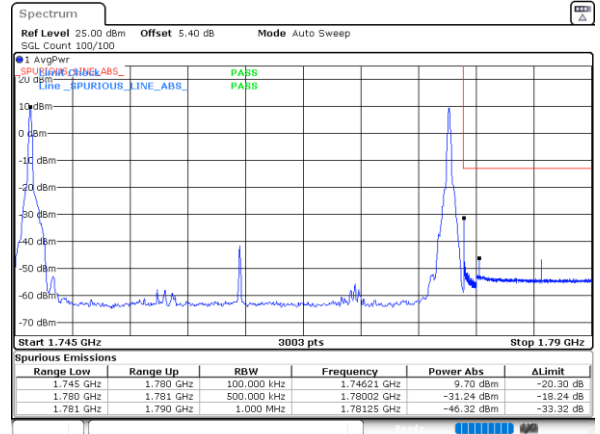
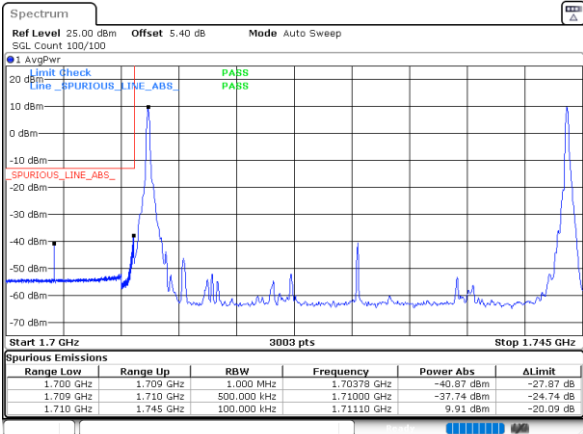


LTE Band 66C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

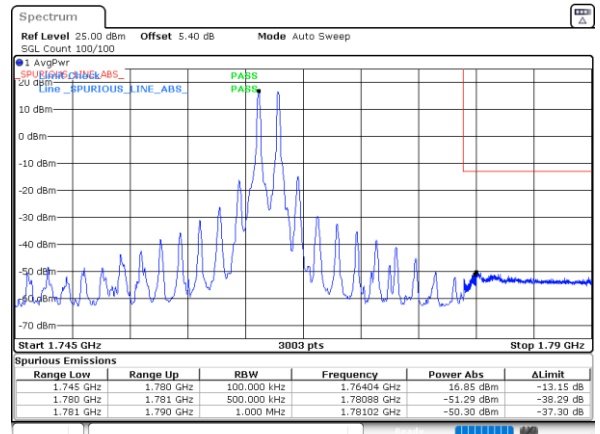
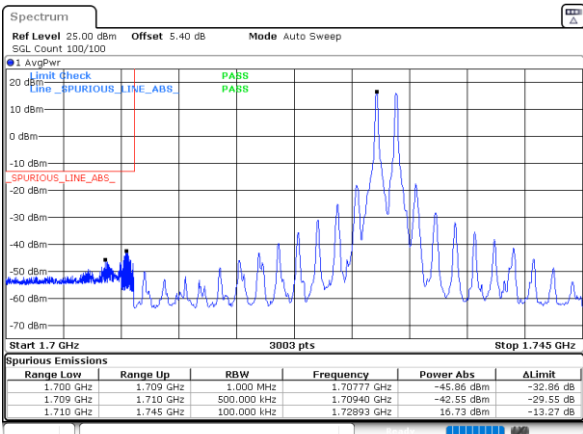


Date: 10, FEB, 2023 18:22:06

Date: 10, FEB, 2023 18:28:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

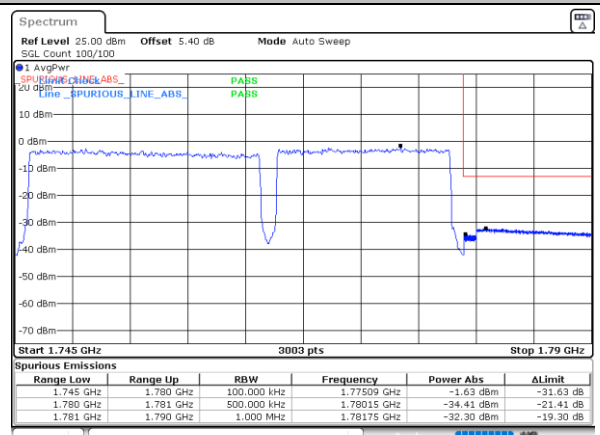
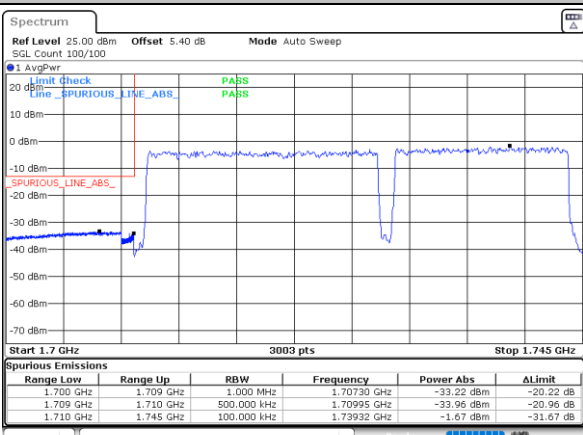


Date: 10, FEB, 2023 18:24:20

Date: 10, FEB, 2023 18:31:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10, FEB, 2023 18:19:51

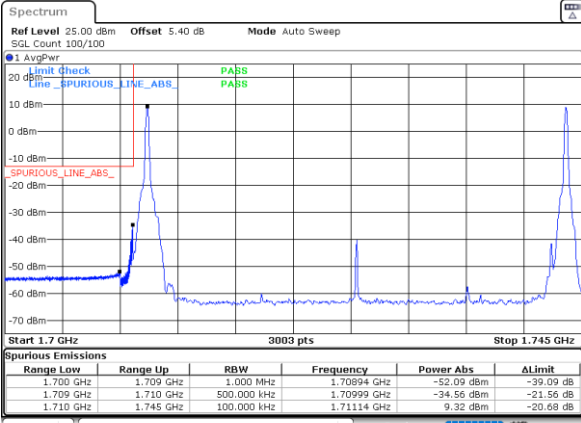
Date: 10, FEB, 2023 18:26:37



LTE Band 66C / 20MHz+15MHz

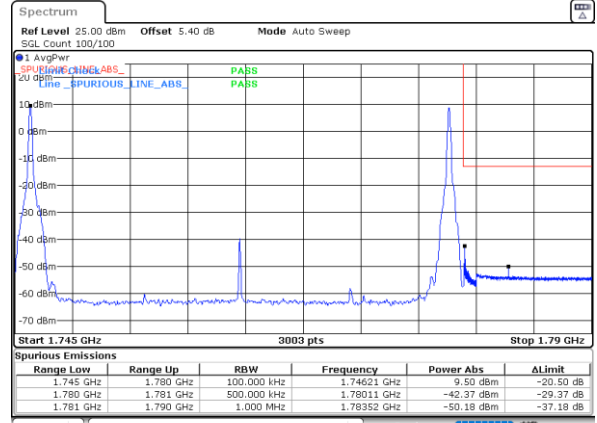
64QAM

Lowest Band Edge / 1RB0 and 1RB74



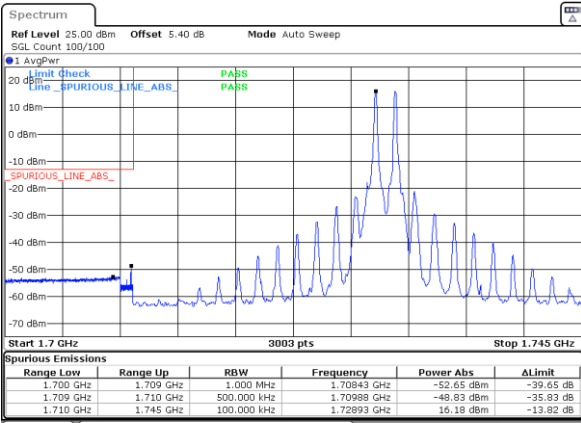
Date: 10. FEB. 2023 18:21:21

Highest Band Edge / 1RB0 and 1RB74



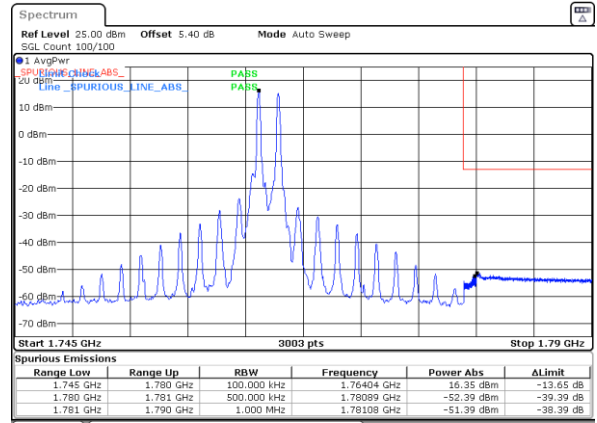
Date: 10. FEB. 2023 18:29:40

Lowest Band Edge / 1RB99 and 1RB0



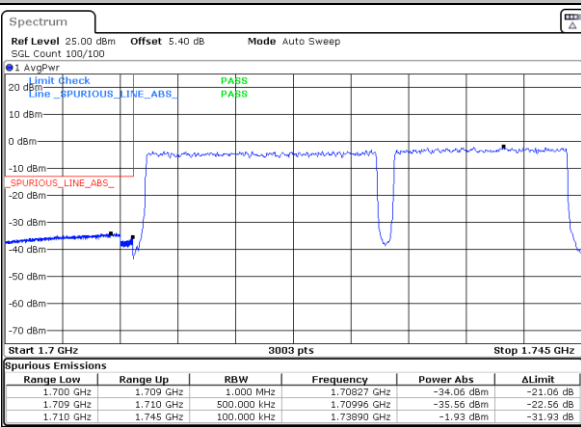
Date: 10. FEB. 2023 18:25:04

Highest Band Edge / 1RB99 and 1RB0



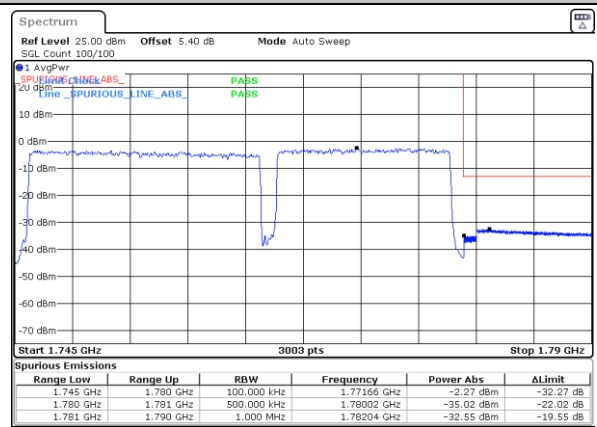
Date: 10. FEB. 2023 18:30:25

Lowest Band Edge / Full RB



Date: 10. FEB. 2023 18:20:36

Highest Band Edge / Full RB



Date: 10. FEB. 2023 18:27:23

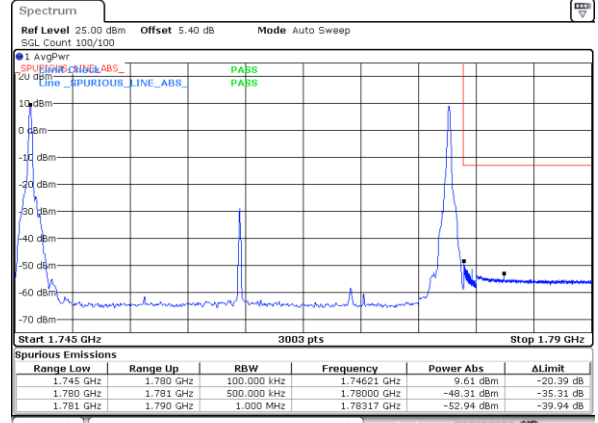
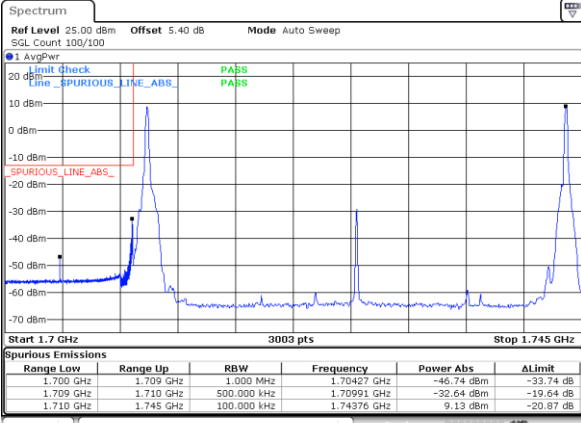


LTE Band 66C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

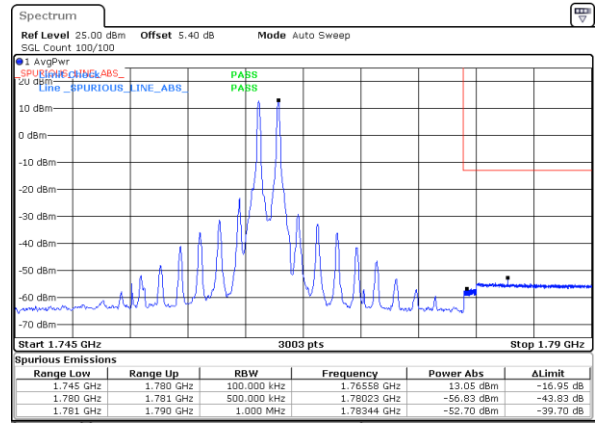
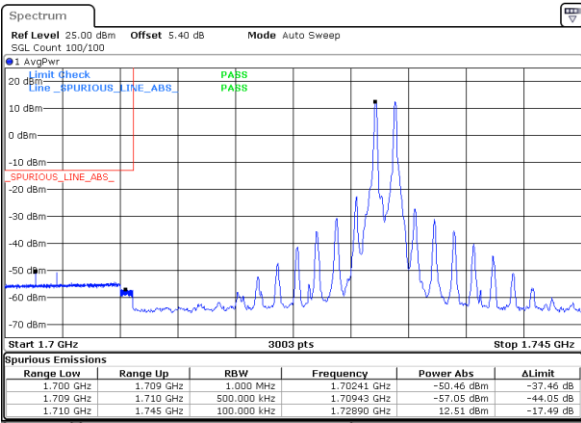


Date: 17, FEB, 2023 23:52:24

Date: 17, FEB, 2023 23:55:23

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

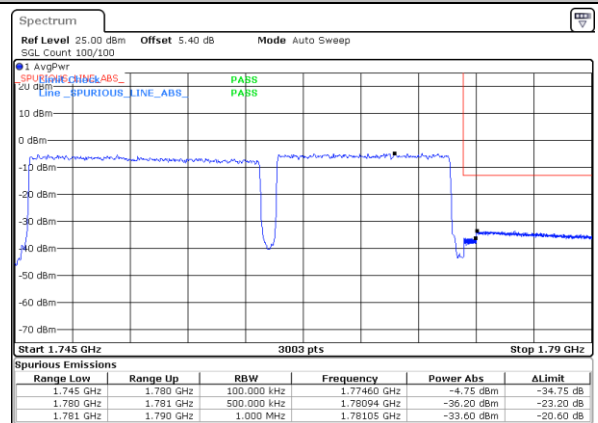
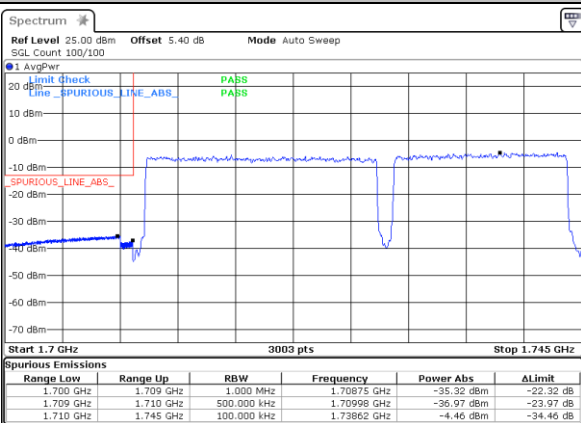


Date: 17, FEB, 2023 23:53:21

Date: 17, FEB, 2023 23:56:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17, FEB, 2023 23:51:25

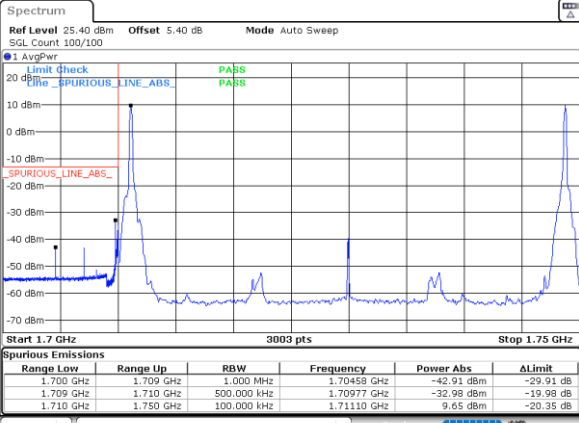
Date: 17, FEB, 2023 23:54:25



LTE Band 66C / 20MHz+20MHz

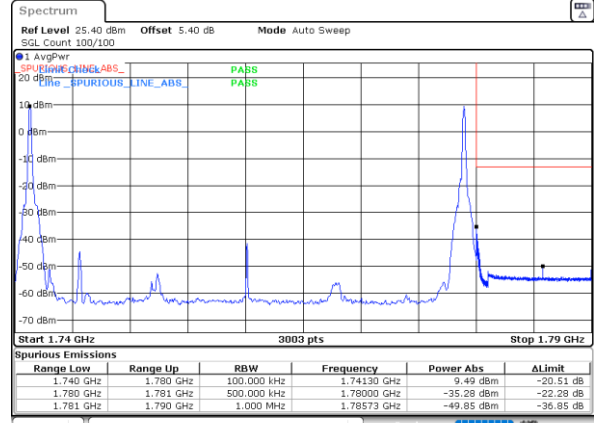
QPSK

Lowest Band Edge / 1RB0 and 1RB99



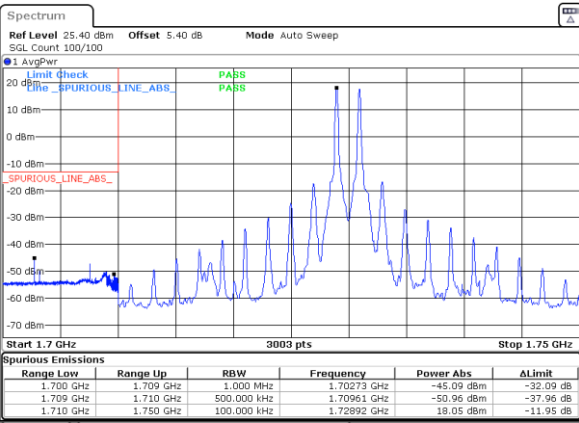
Date: 10.FEB.2023 19:03:59

Highest Band Edge / 1RB0 and 1RB99



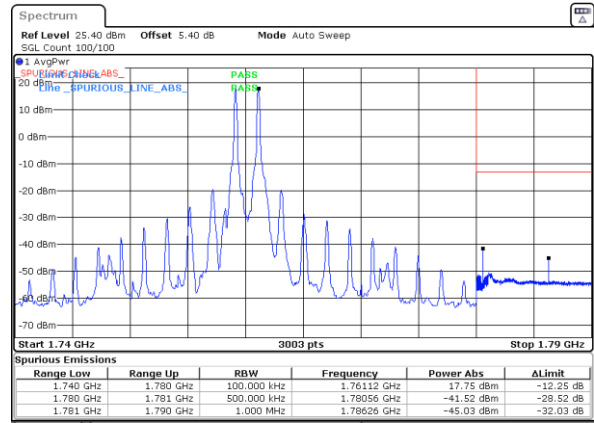
Date: 10.FEB.2023 19:09:17

Lowest Band Edge / 1RB99 and 1RB0



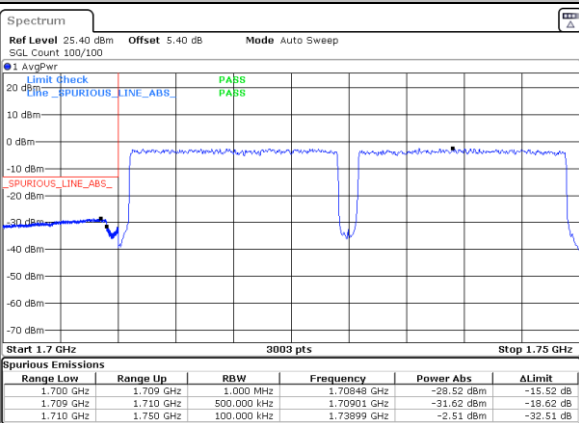
Date: 10.FEB.2023 19:04:41

Highest Band Edge / 1RB99 and 1RB0



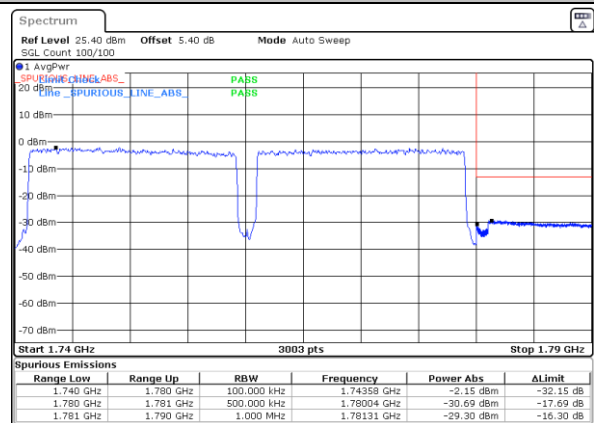
Date: 10.FEB.2023 19:13:02

Lowest Band Edge / Full RB



Date: 10.FEB.2023 19:00:15

Highest Band Edge / Full RB



Date: 10.FEB.2023 19:07:01

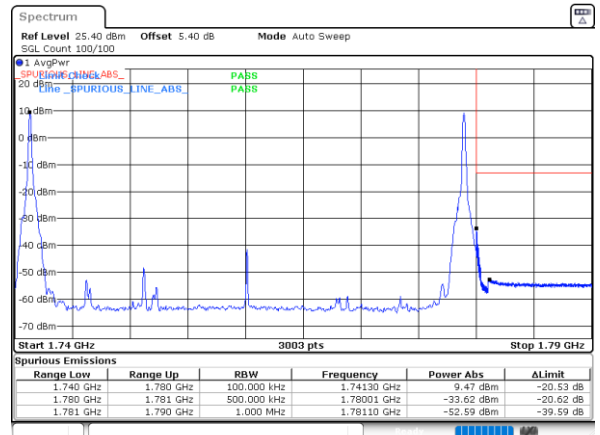
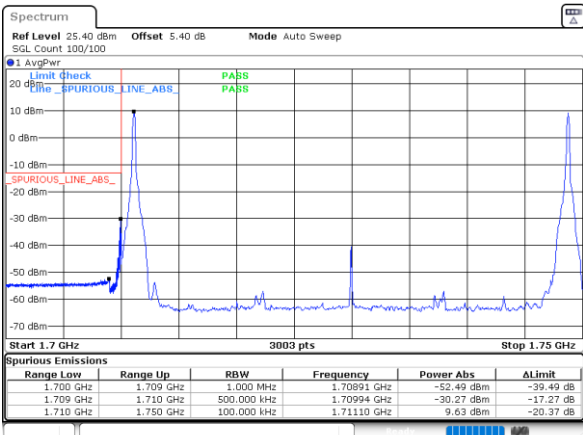


LTE Band 66C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

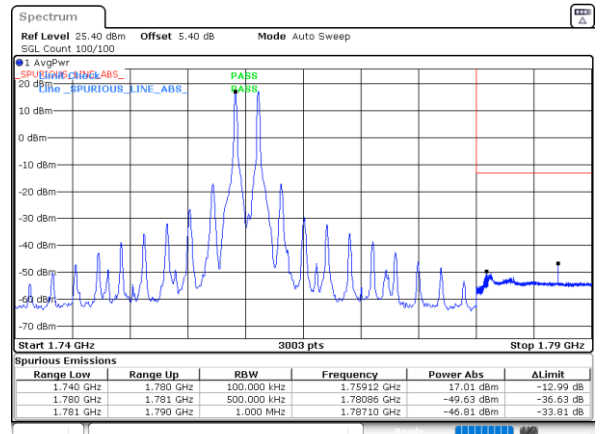
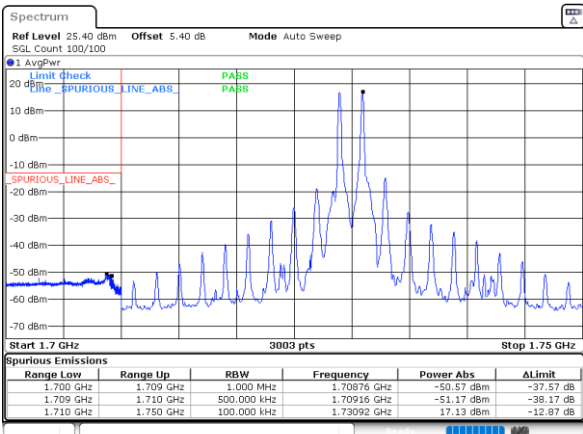


Date: 10.FEB.2023 19:03:14

Date: 10.FEB.2023 19:10:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

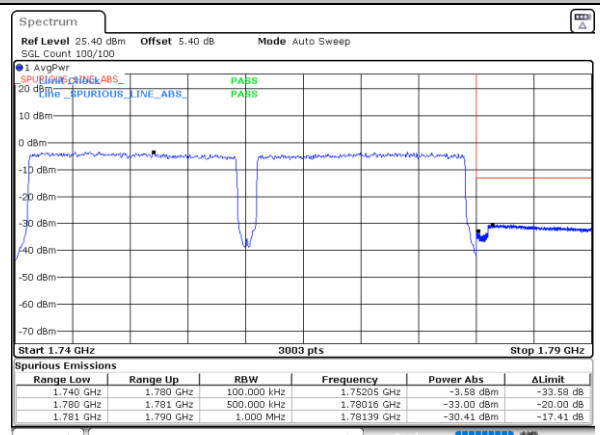
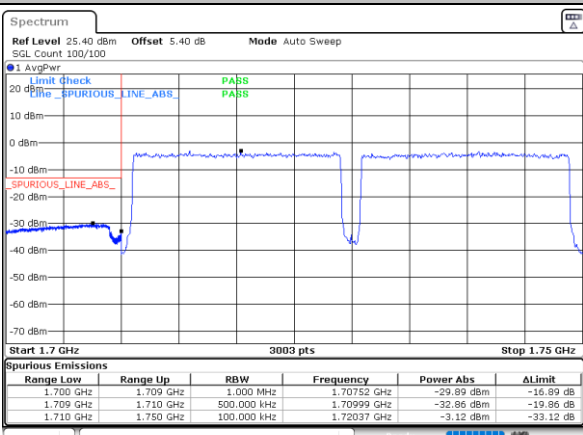


Date: 10.FEB.2023 19:05:27

Date: 10.FEB.2023 19:12:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.FEB.2023 19:00:59

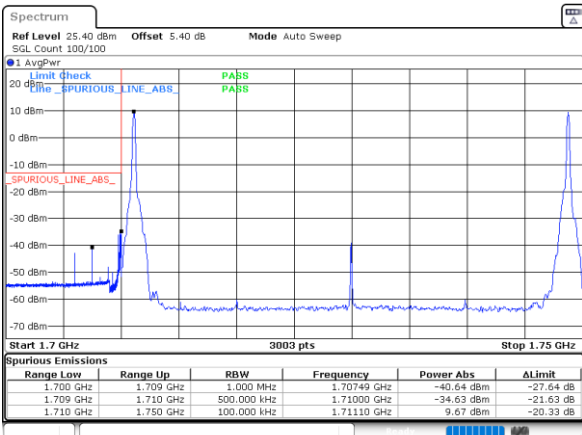
Date: 10.FEB.2023 19:07:46



LTE Band 66C / 20MHz+20MHz

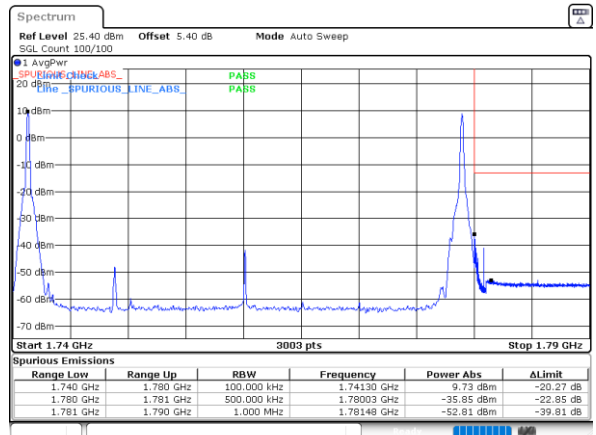
64QAM

Lowest Band Edge / 1RB0 and 1RB9



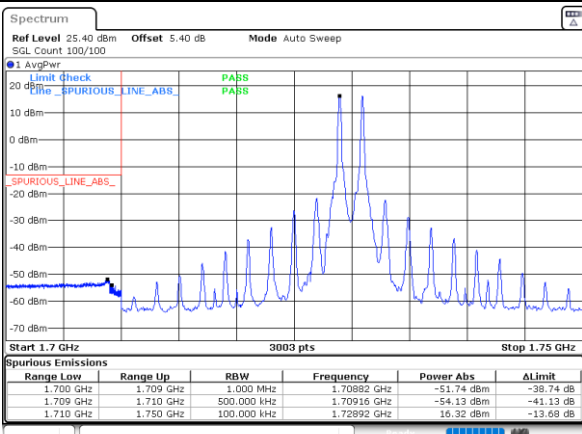
Date: 10.FEB.2023 19:02:29

Highest Band Edge / 1RB0 and 1RB9



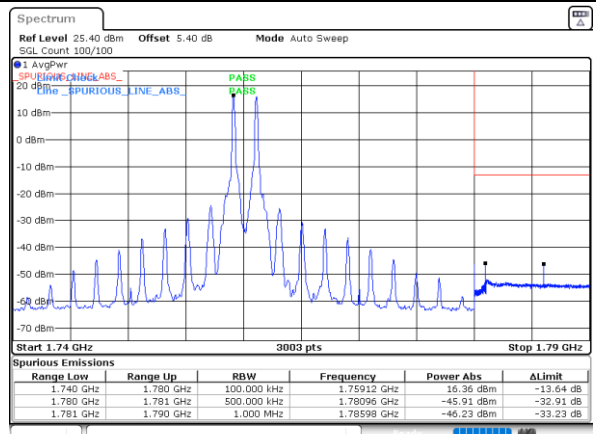
Date: 10.FEB.2023 19:10:47

Lowest Band Edge / 1RB99 and 1RB0



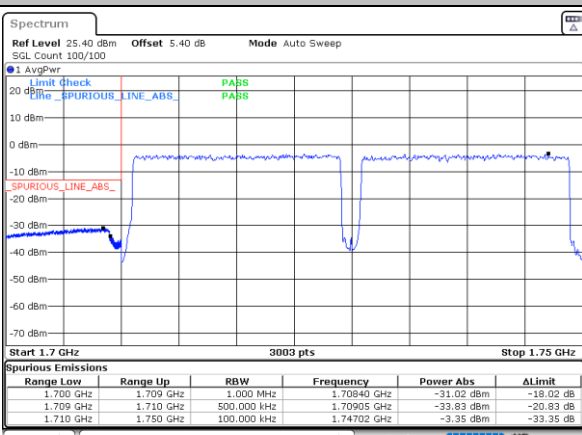
Date: 10.FEB.2023 19:06:12

Highest Band Edge / 1RB99 and 1RB0



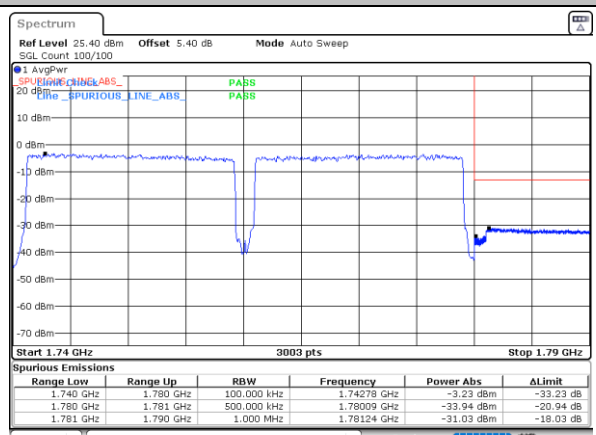
Date: 10.FEB.2023 19:11:32

Lowest Band Edge / Full RB



Date: 10.FEB.2023 19:01:44

Highest Band Edge / Full RB



Date: 10.FEB.2023 19:08:31

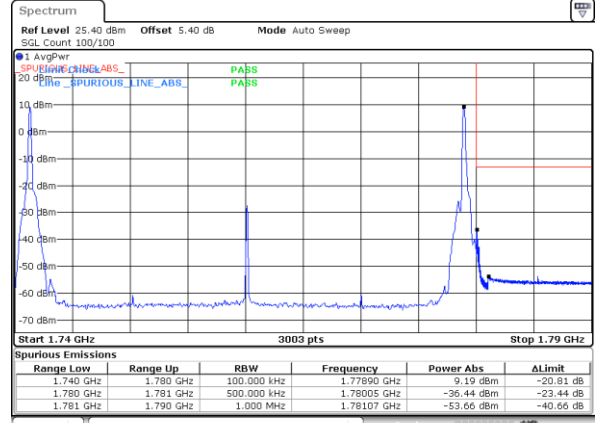
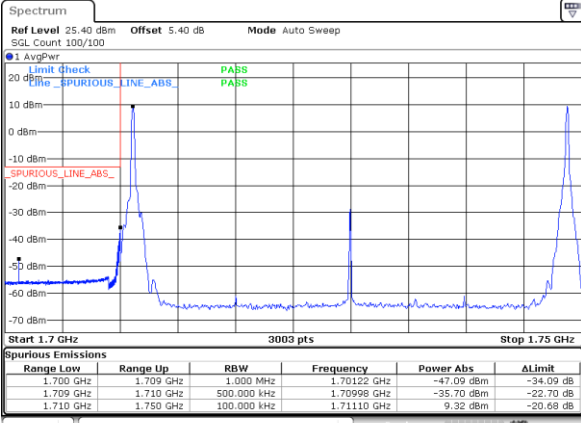


LTE Band 66C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

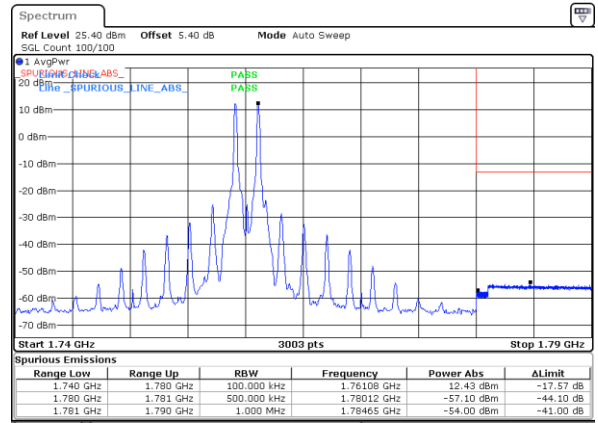
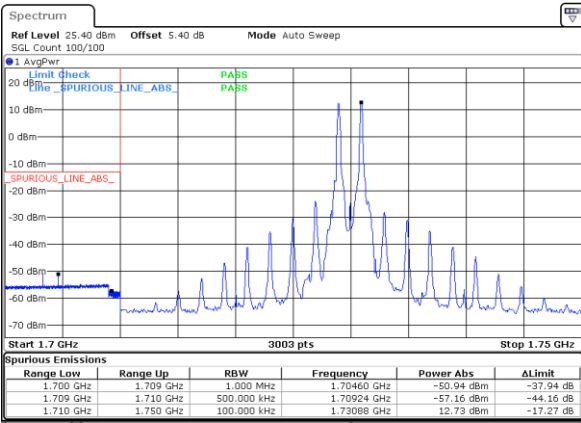


Date: 18.FEB.2023 00:04:22

Date: 18.FEB.2023 00:07:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

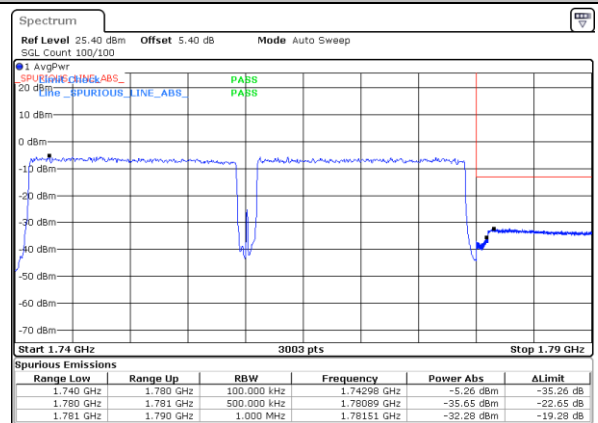
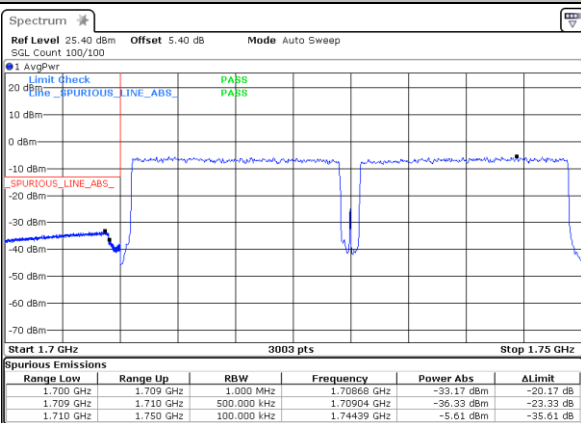


Date: 18.FEB.2023 00:05:20

Date: 18.FEB.2023 00:08:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



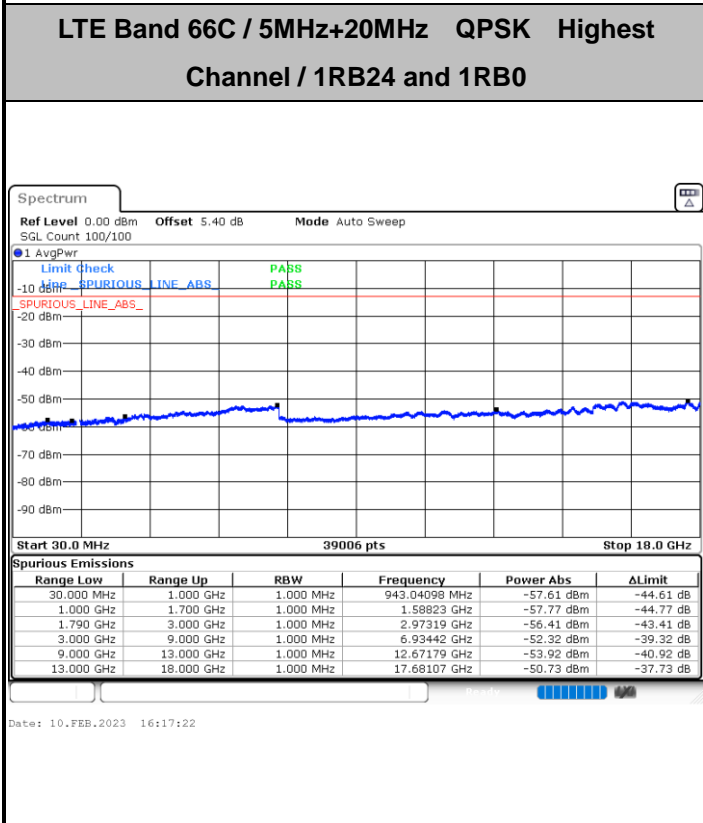
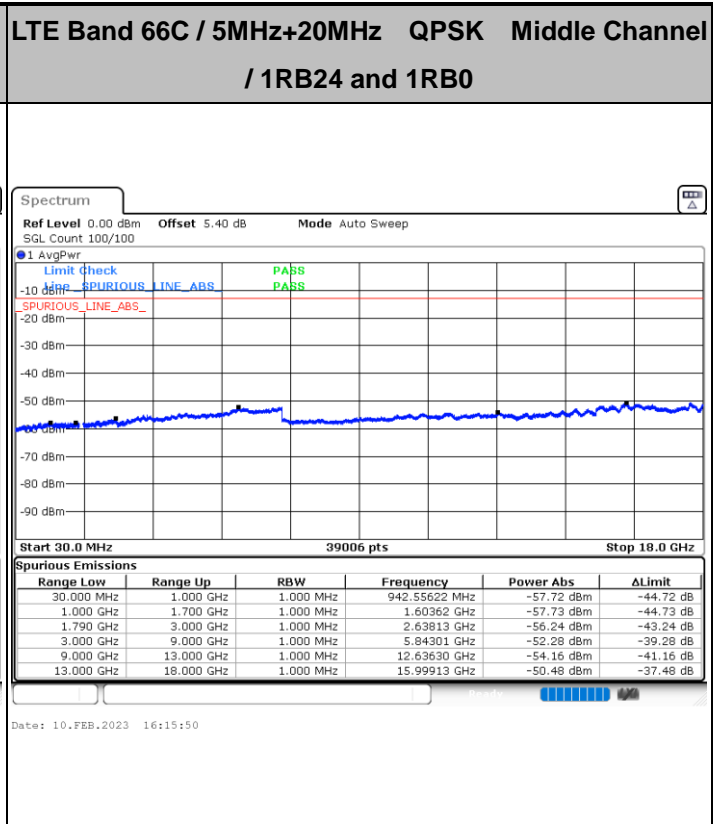
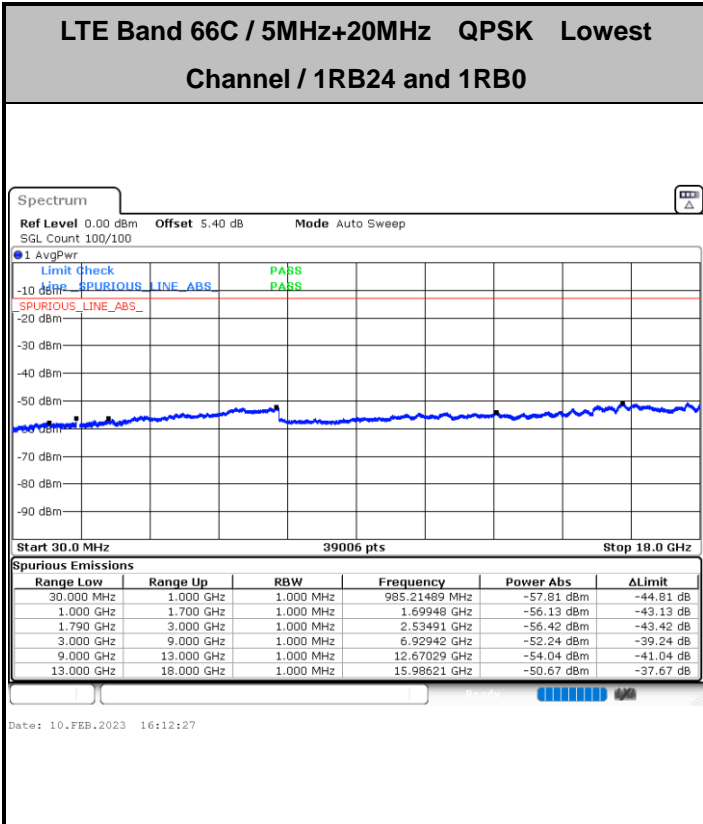
Date: 18.FEB.2023 00:03:25

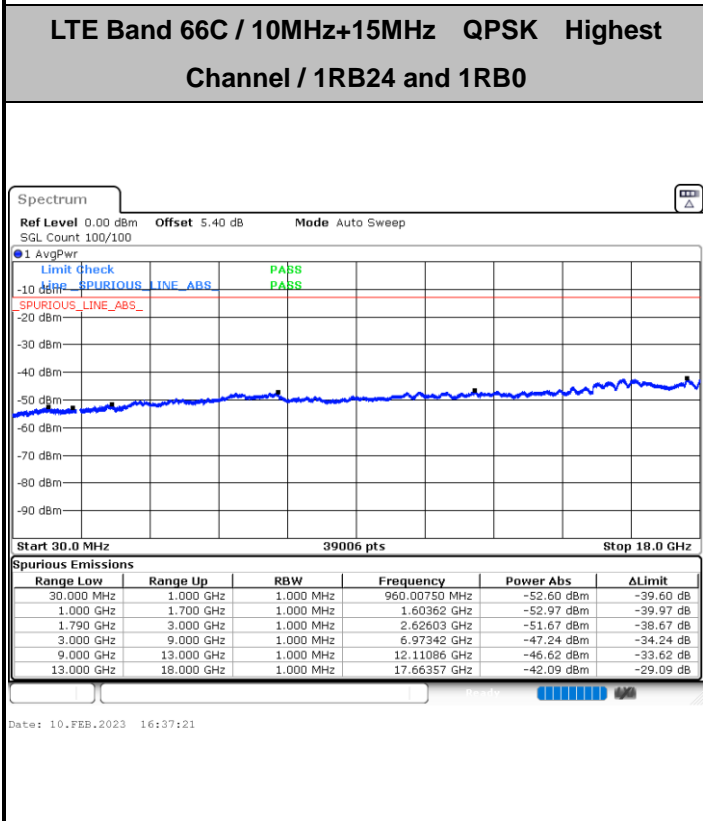
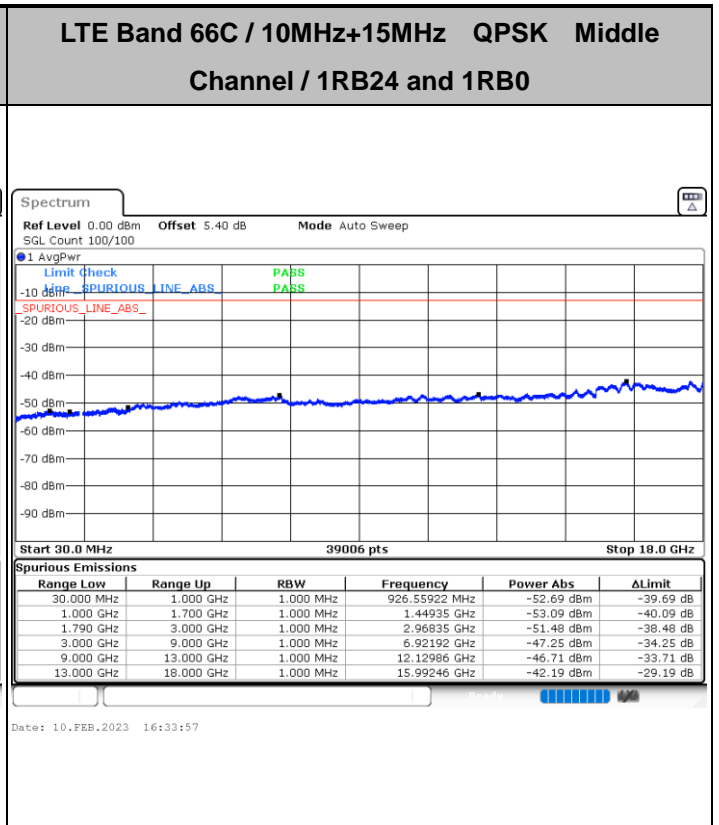
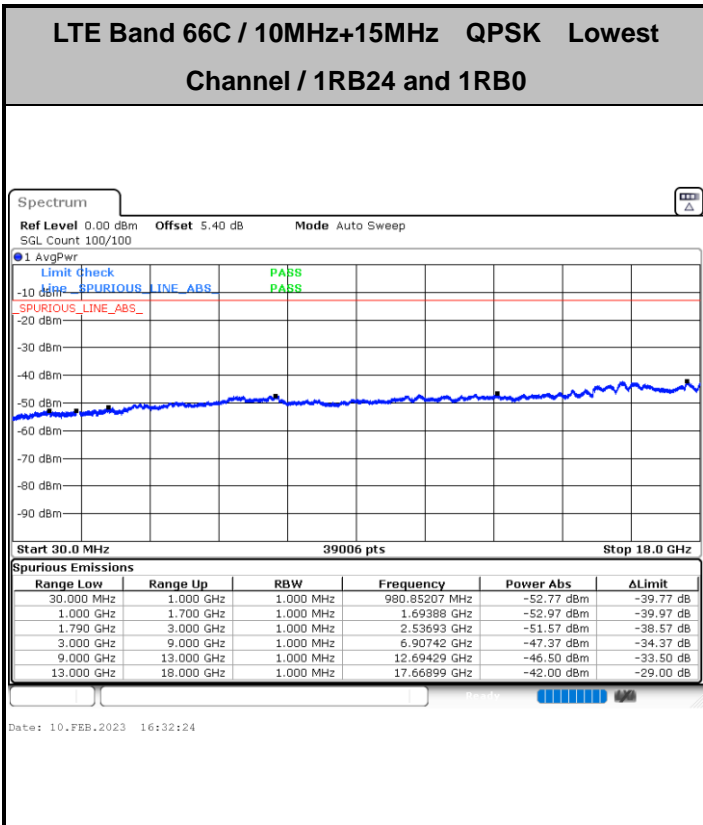
Date: 18.FEB.2023 00:06:24





# Conducted Spurious Emission

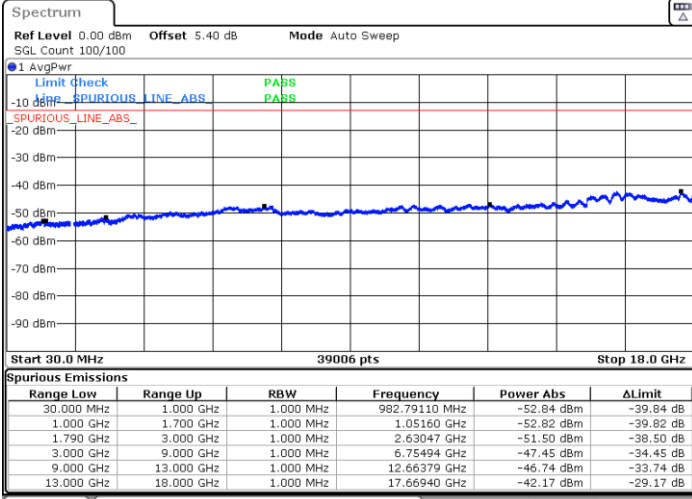




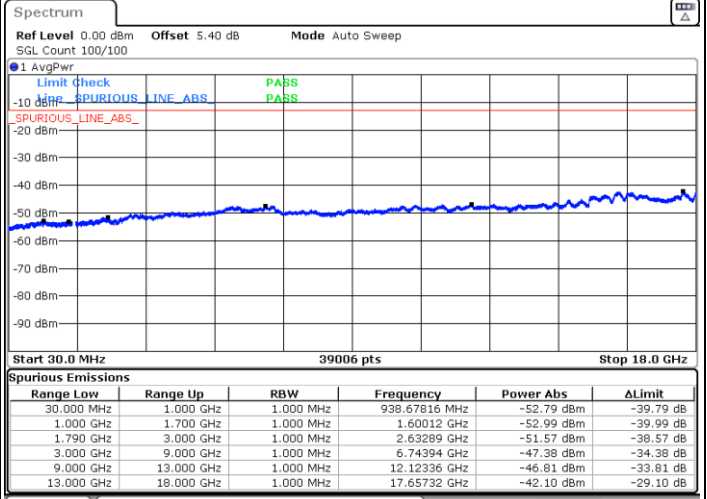


LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0

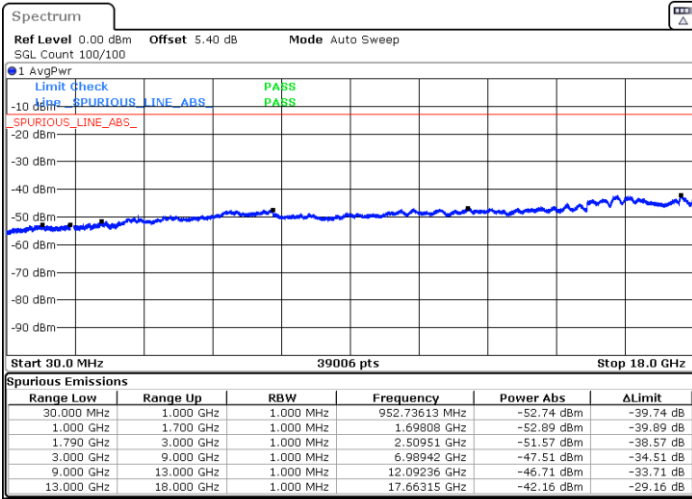


Date: 10.FEB.2023 17:12:41

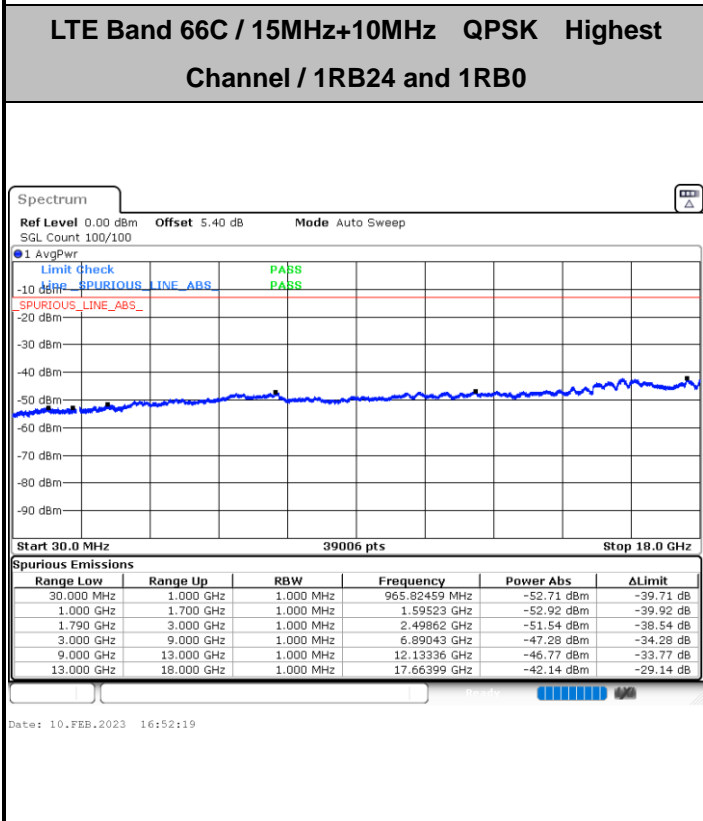
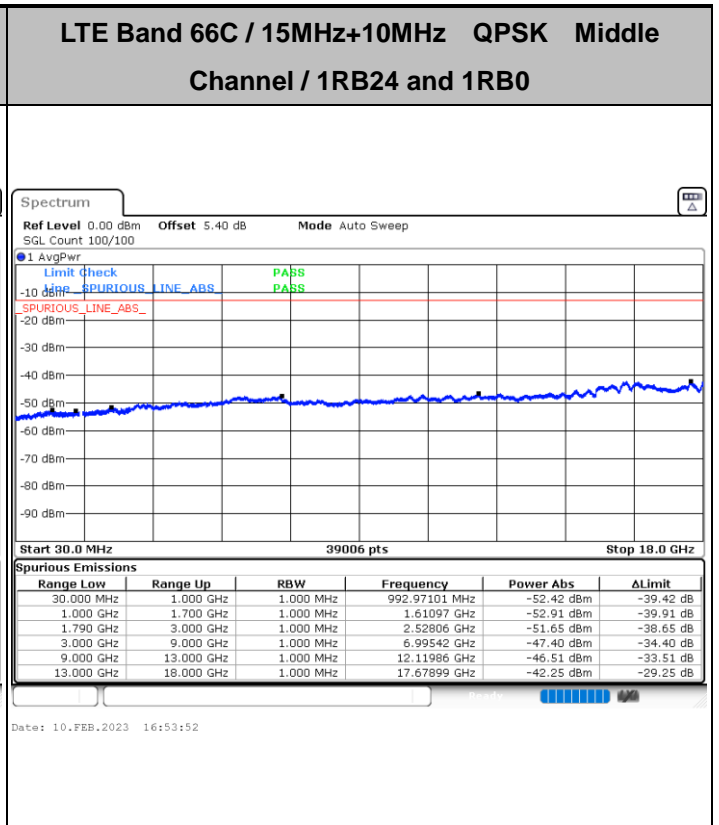
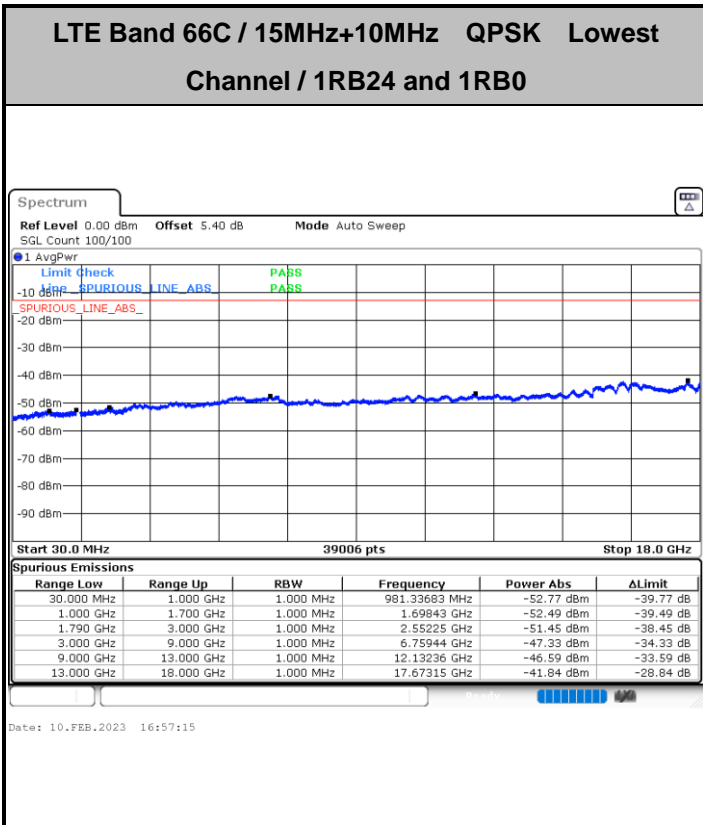


Date: 10.FEB.2023 17:16:04

LTE Band 66C / 10MHz+20MHz QPSK Highest Channel / 1RB49 and 1RB0



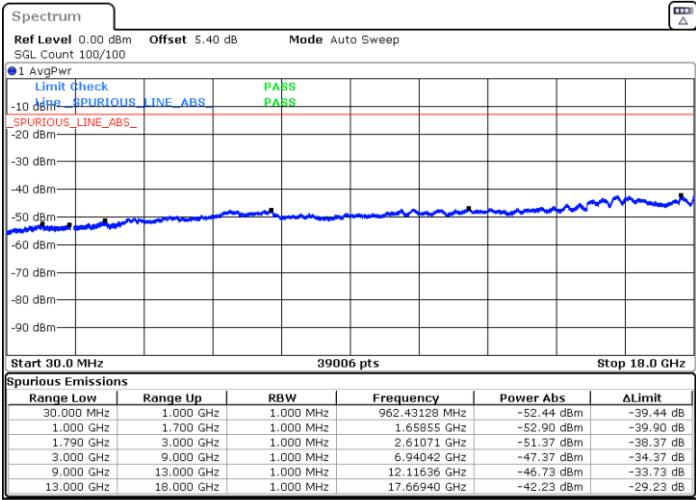
Date: 10.FEB.2023 17:17:36



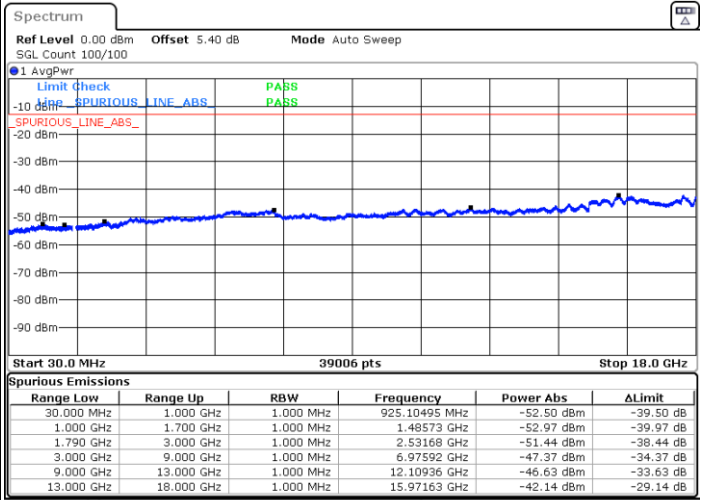


LTE Band 66C / 15MHz+15MHz QPSK Lowest Channel / 1RB24 and 1RB0

LTE Band 66C / 15MHz+15MHz QPSK Middle Channel / 1RB24 and 1RB0

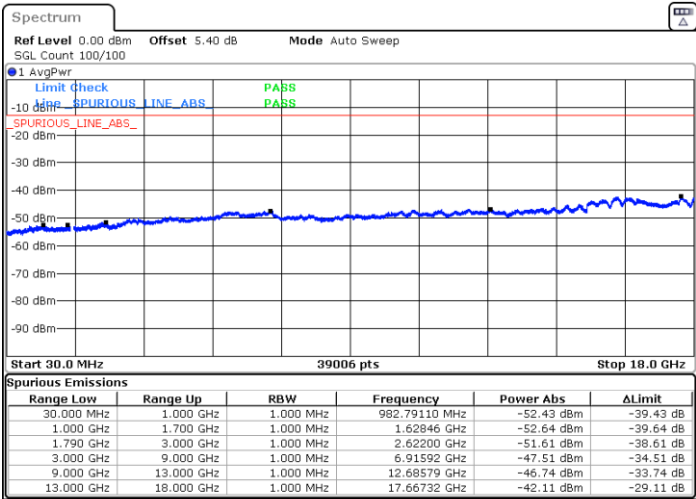


Date: 10.FEB.2023 17:52:47



Date: 10.FEB.2023 17:56:08

LTE Band 66C / 15MHz+15MHz QPSK Highest Channel / 1RB24 and 1RB0

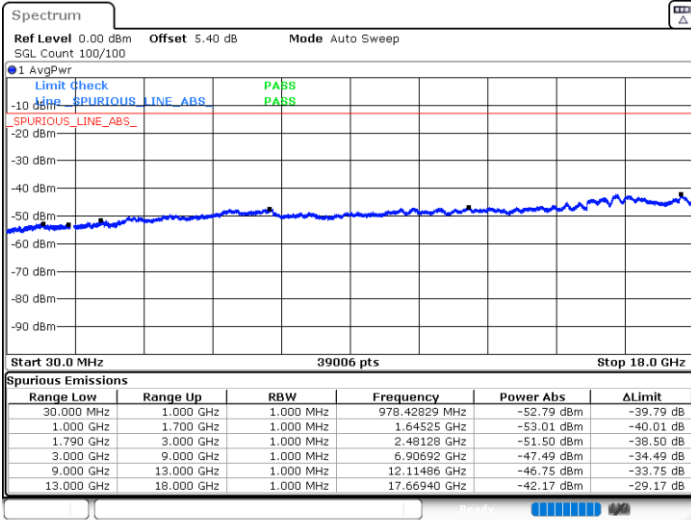


Date: 10.FEB.2023 17:57:39

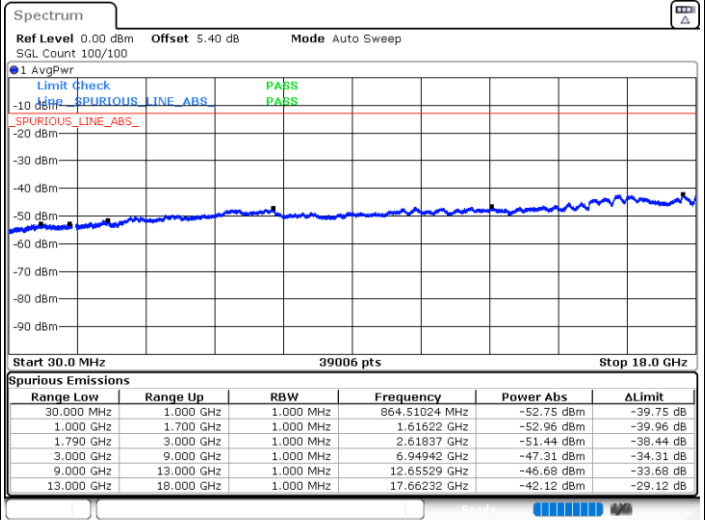


LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RB74 and 1RB0

LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0

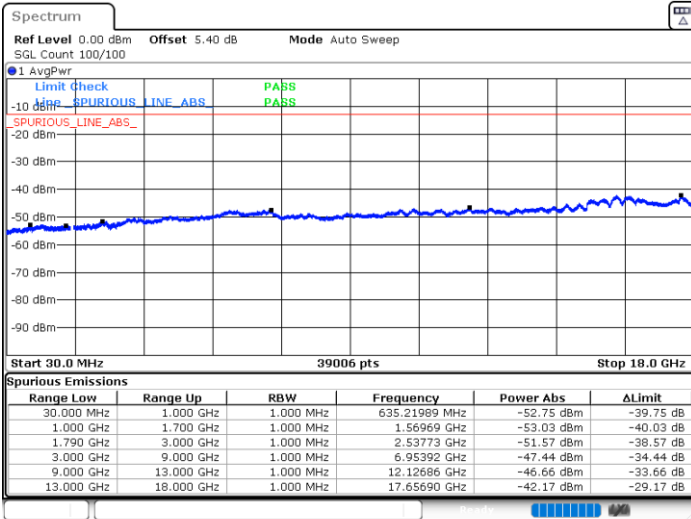


Date: 10.FEB.2023 18:12:45



Date: 10.FEB.2023 18:16:10

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RB74 and 1RB0

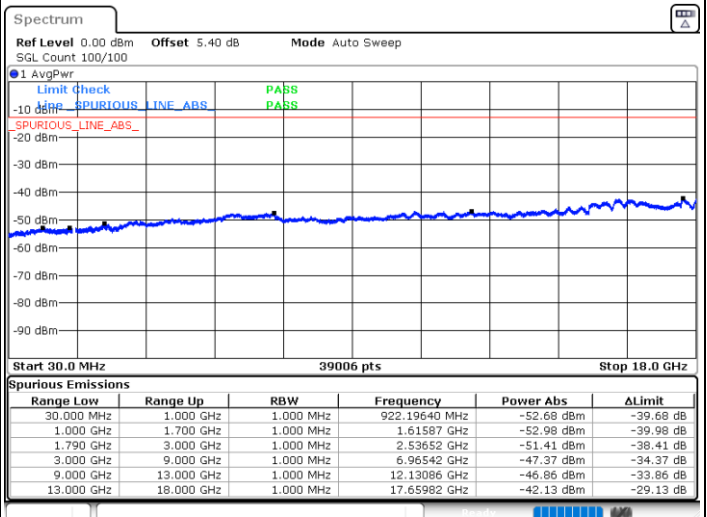
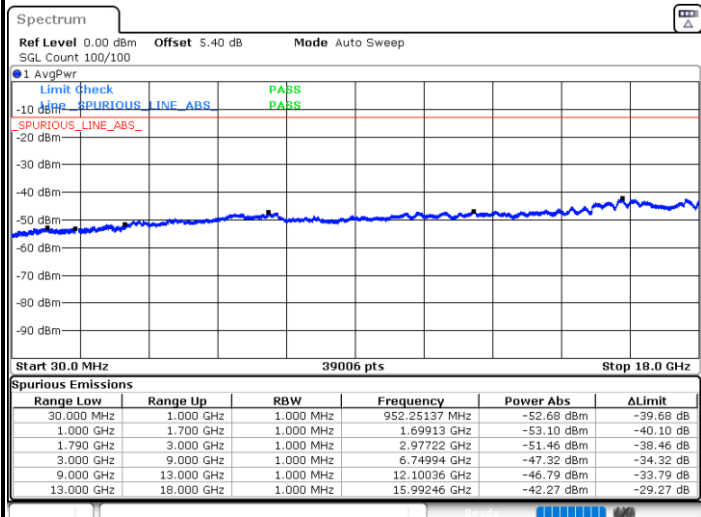


Date: 10.FEB.2023 18:17:43



**LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0**

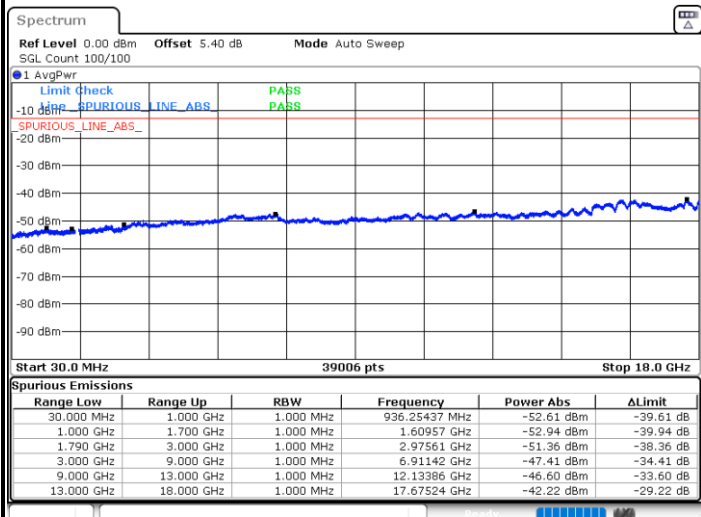
**LTE Band 66C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0**



Date: 10.FEB.2023 18:53:25

Date: 10.FEB.2023 18:56:49

**LTE Band 66C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0**

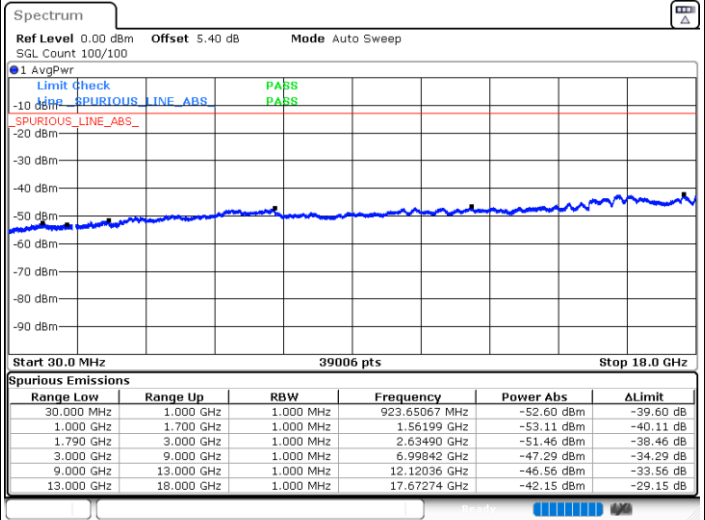
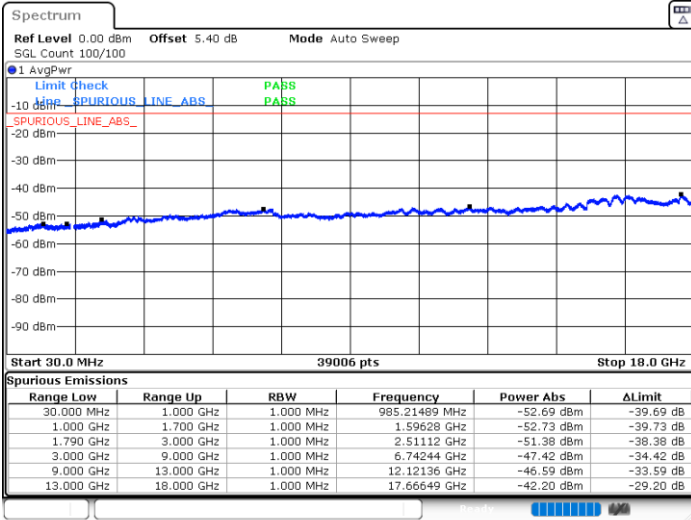


Date: 10.FEB.2023 18:58:22



LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

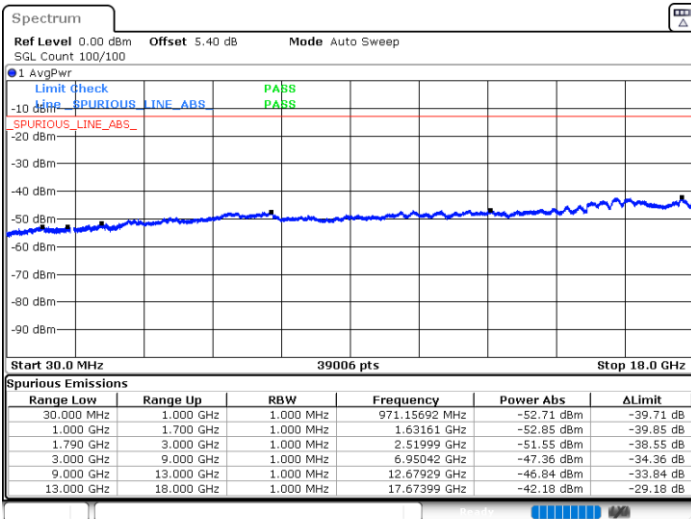
LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 10.FEB.2023 17:32:38

Date: 10.FEB.2023 17:34:10

LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0



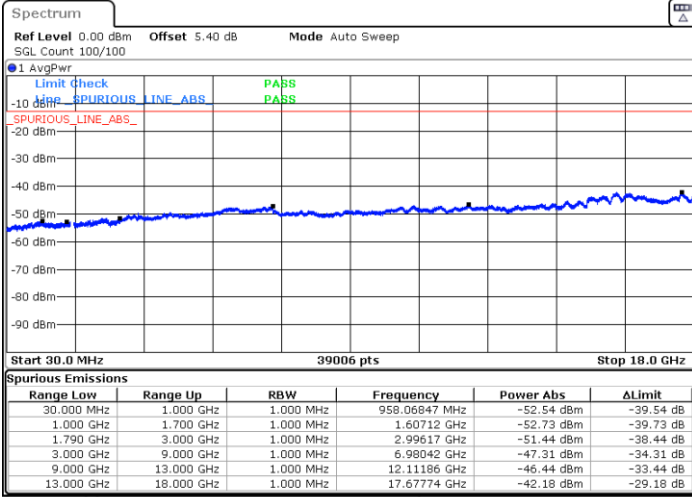
Date: 10.FEB.2023 17:37:34



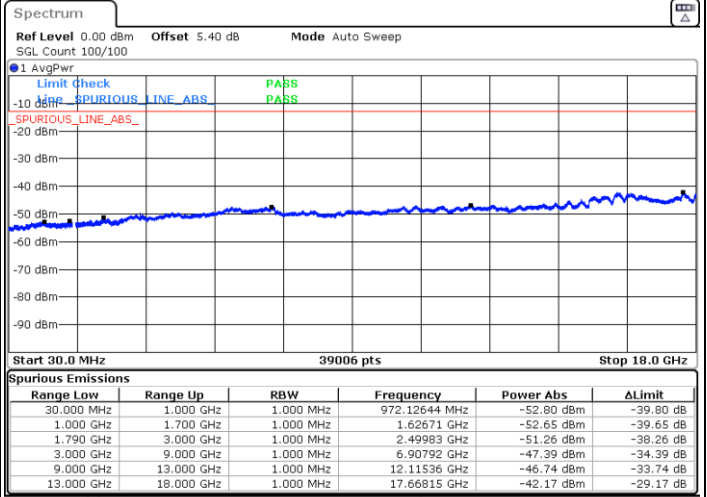


LTE Band 66C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

LTE Band 66C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0

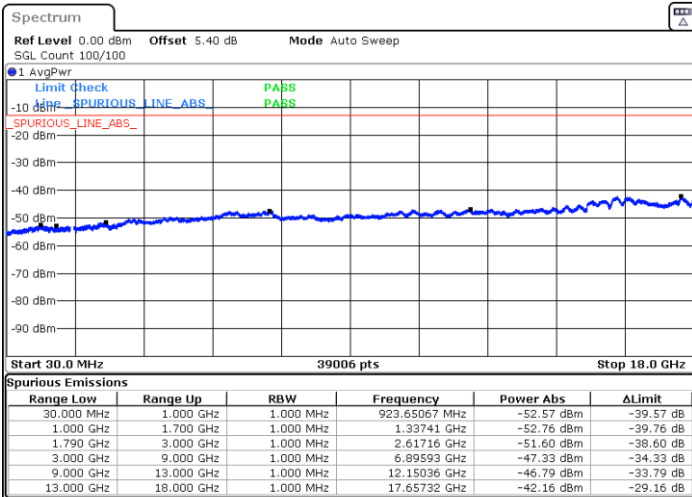


Date: 10.FEB.2023 18:33:28



Date: 10.FEB.2023 18:36:52

LTE Band 66C / 20MHz+15MHz QPSK Highest Channel / 1RB99 and 1RB0

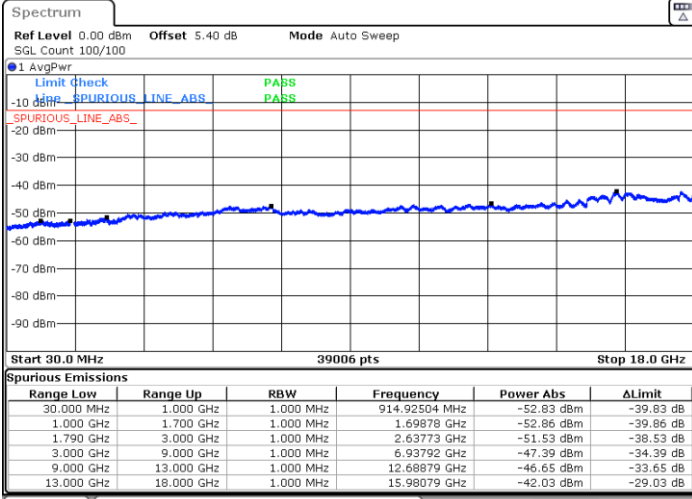


Date: 10.FEB.2023 18:38:24

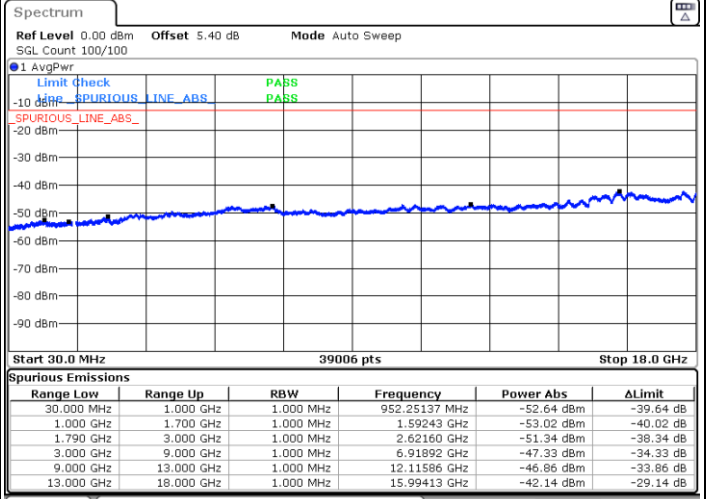


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0

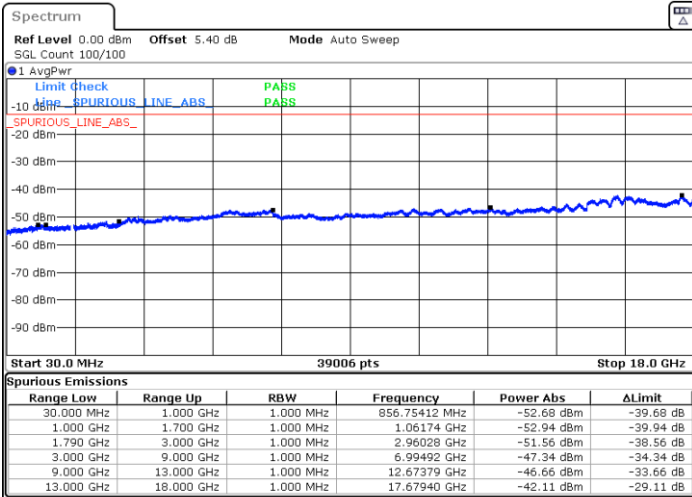


Date: 10.FEB.2023 19:14:35



Date: 10.FEB.2023 19:16:07

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 10.FEB.2023 19:19:31



### Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0028	

**Note:**

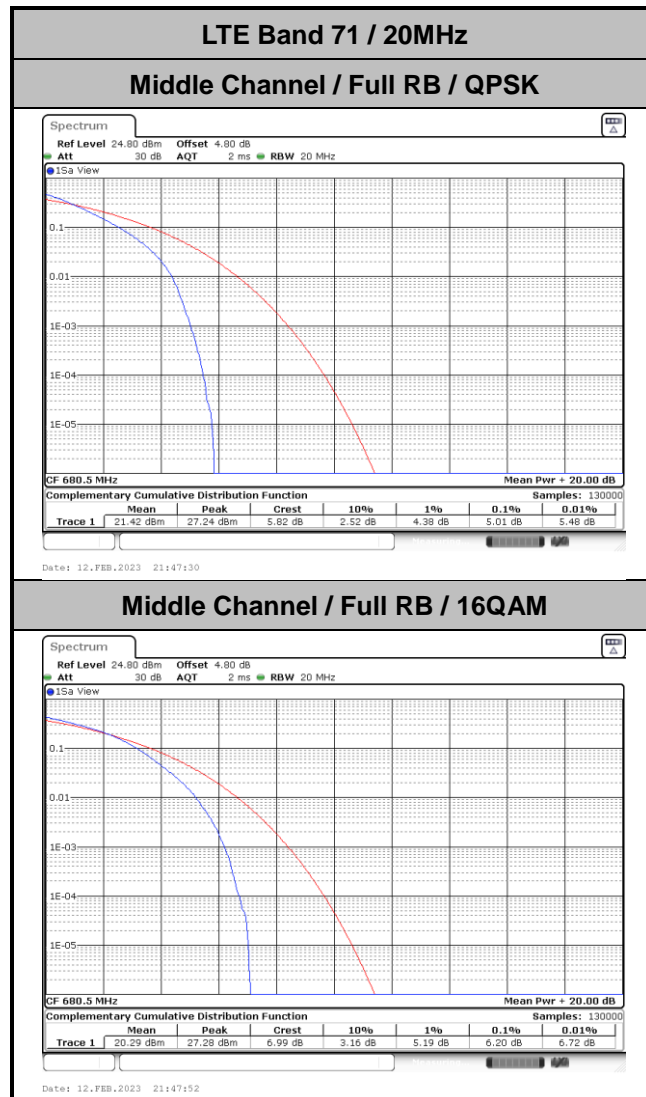
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

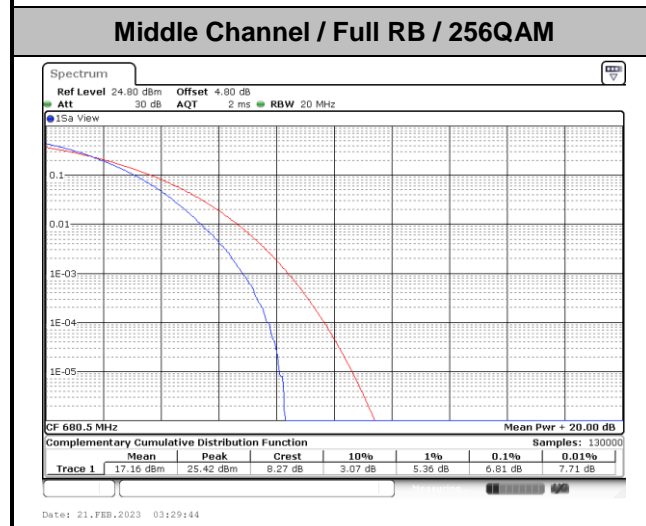
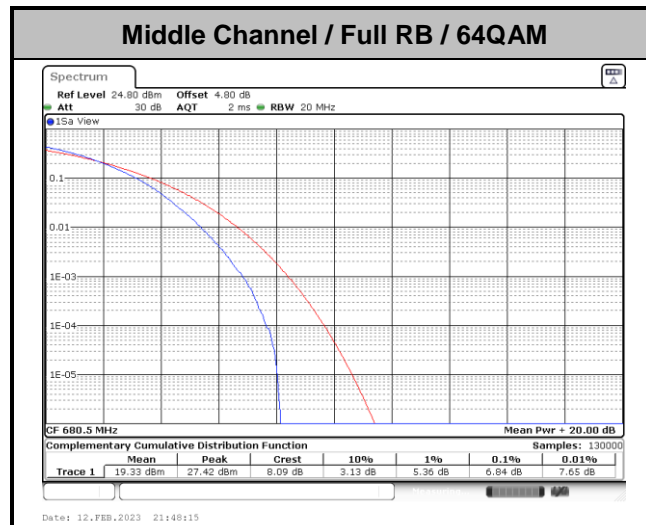


# LTE Band 71

## 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	5.01	6.20	6.84	6.81	PASS

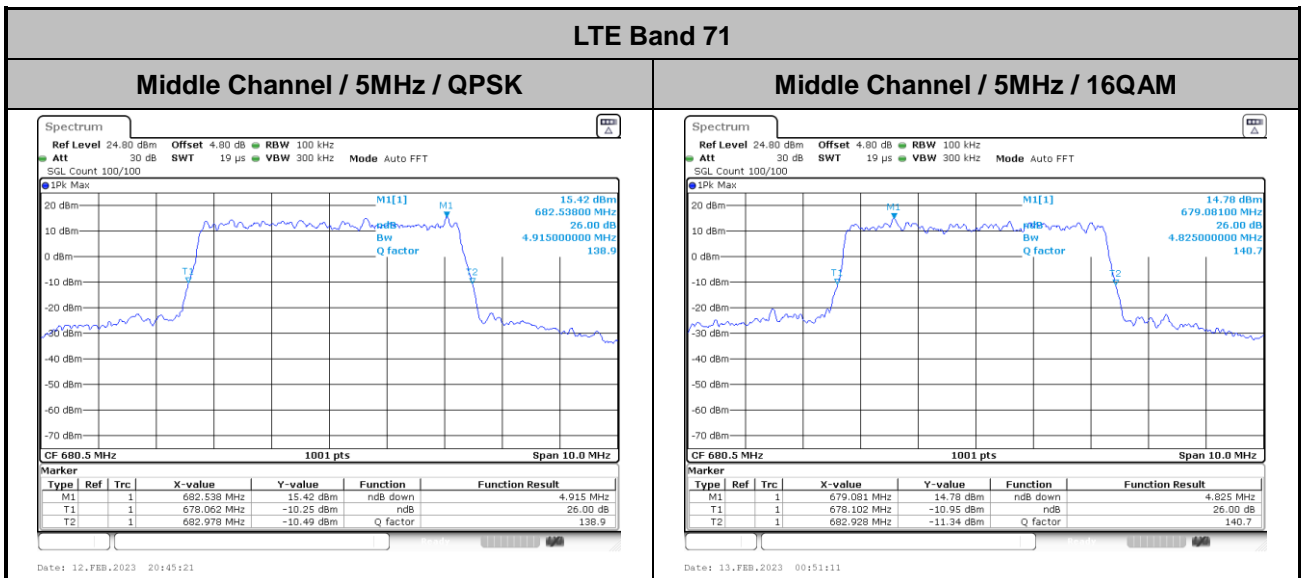






**26dB Bandwidth**

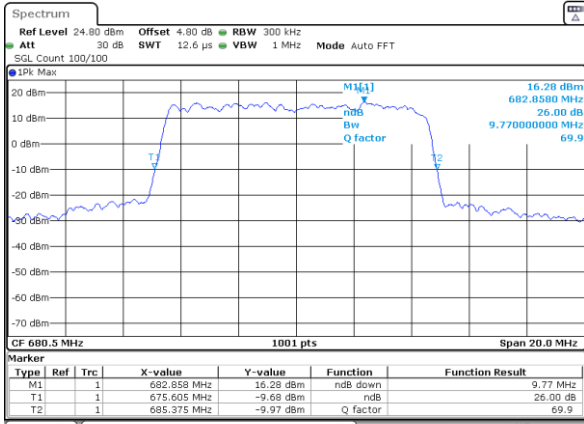
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.83
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.77	9.87
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.18	14.45
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.90	19.10





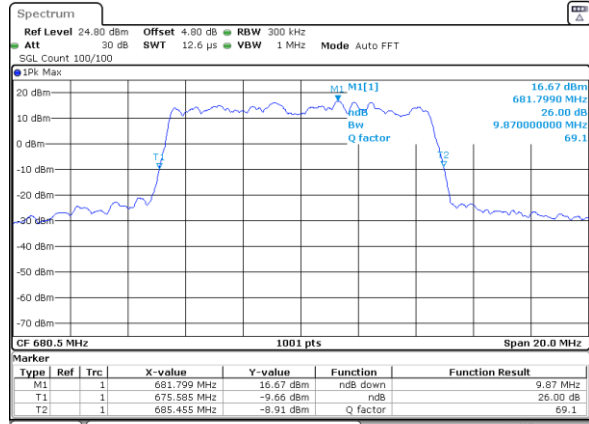
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 12.FEB.2023 21:03:12

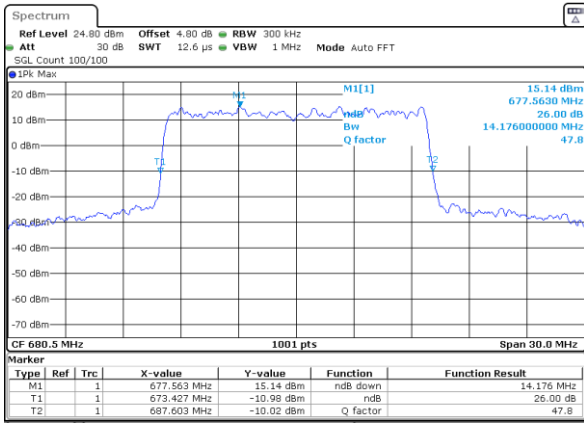
Middle Channel / 10MHz / 16QAM



Date: 12.FEB.2023 21:03:33

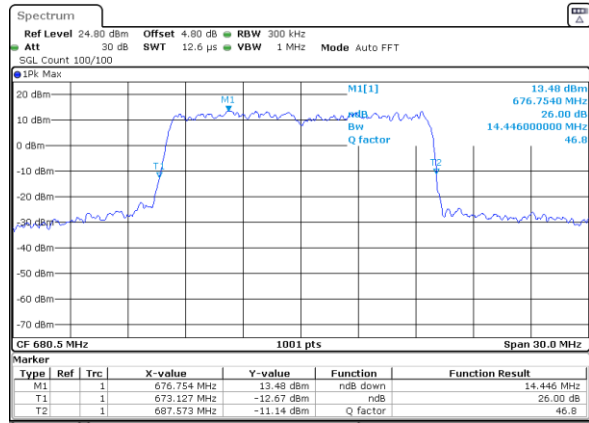
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 12.FEB.2023 21:21:02

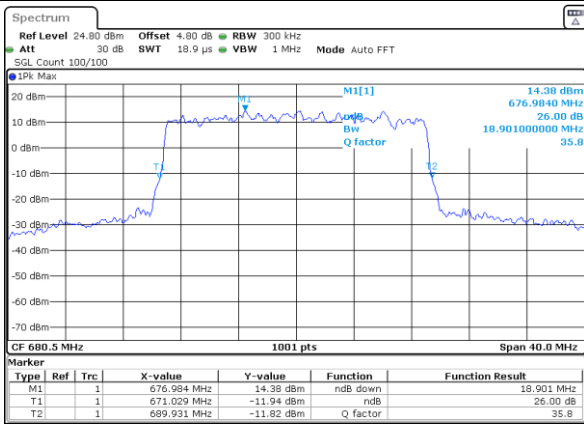
Middle Channel / 15MHz / 16QAM



Date: 12.FEB.2023 21:21:23

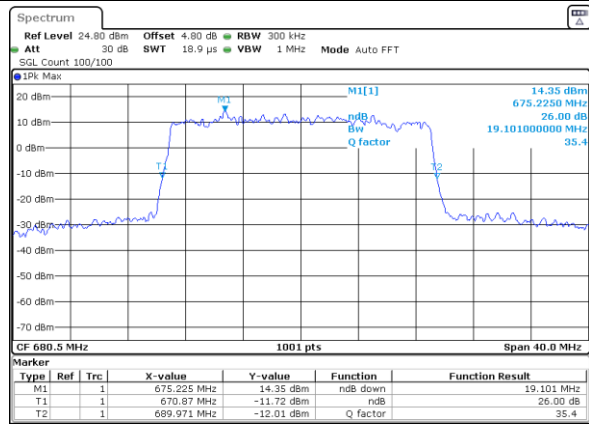
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 12.FEB.2023 21:38:53

Middle Channel / 20MHz / 16QAM

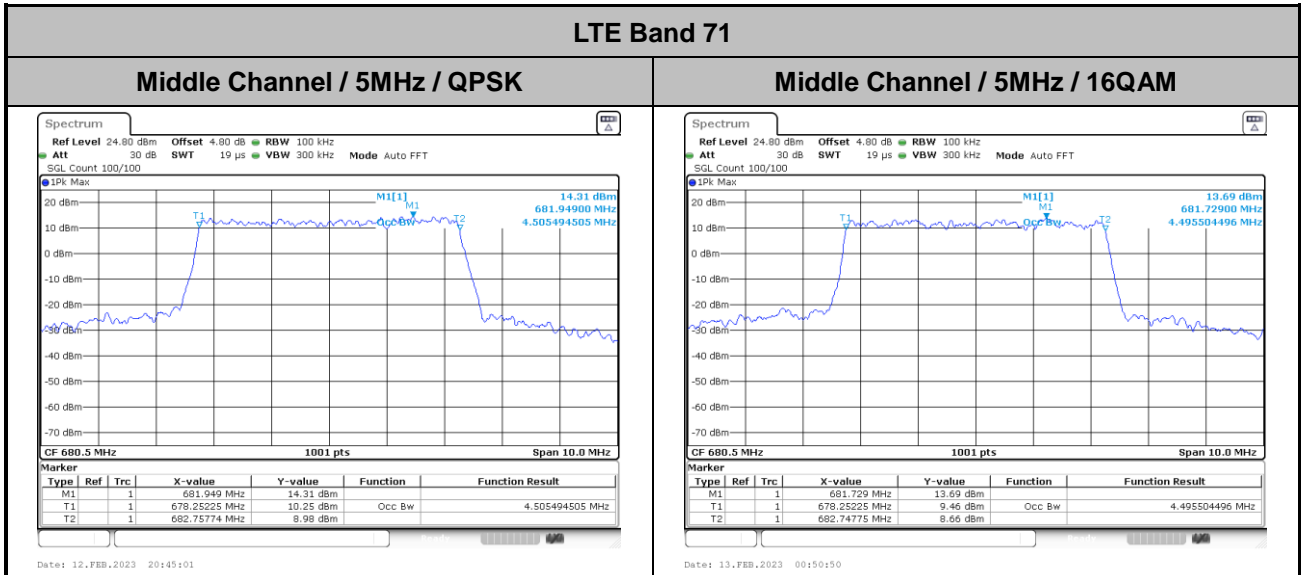


Date: 12.FEB.2023 21:39:14



## Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.51	4.50
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.11	8.99
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.49
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.86

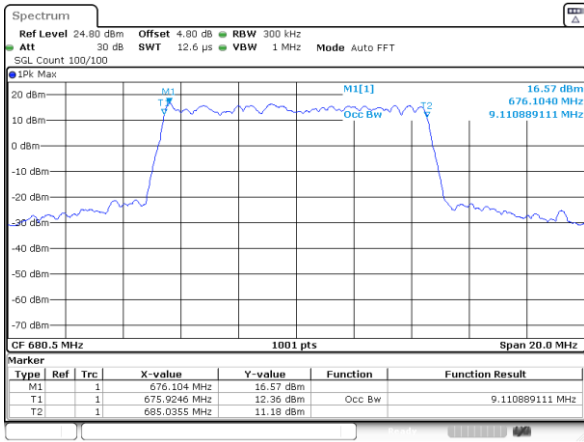






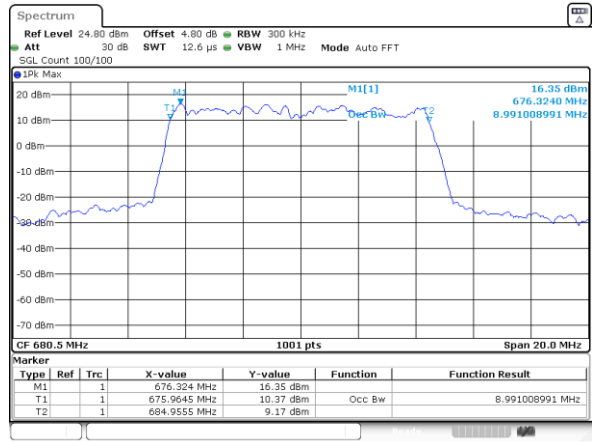
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 12.FEB.2023 21:02:53

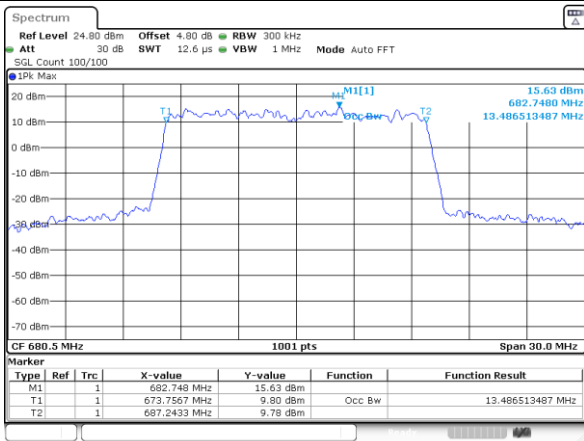
Middle Channel / 10MHz / 16QAM



Date: 12.FEB.2023 21:03:54

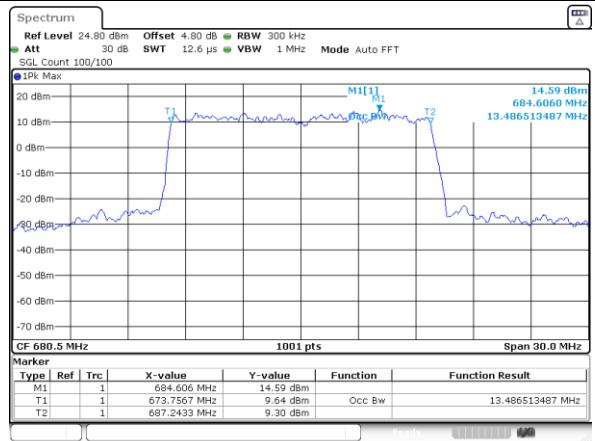
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 12.FEB.2023 21:20:41

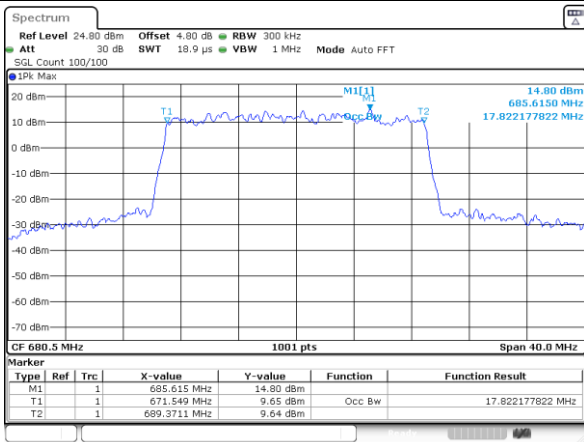
Middle Channel / 15MHz / 16QAM



Date: 12.FEB.2023 21:21:44

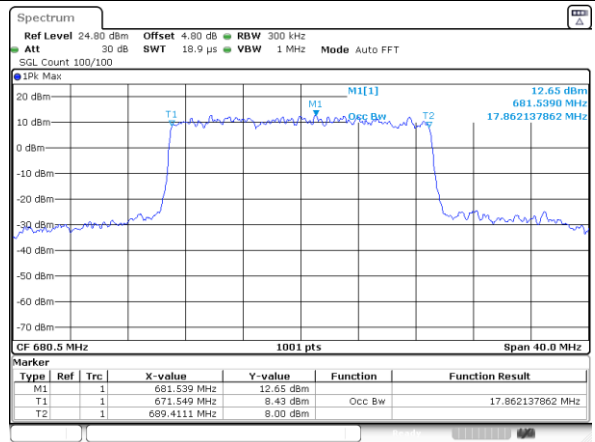
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 12.FEB.2023 21:38:32

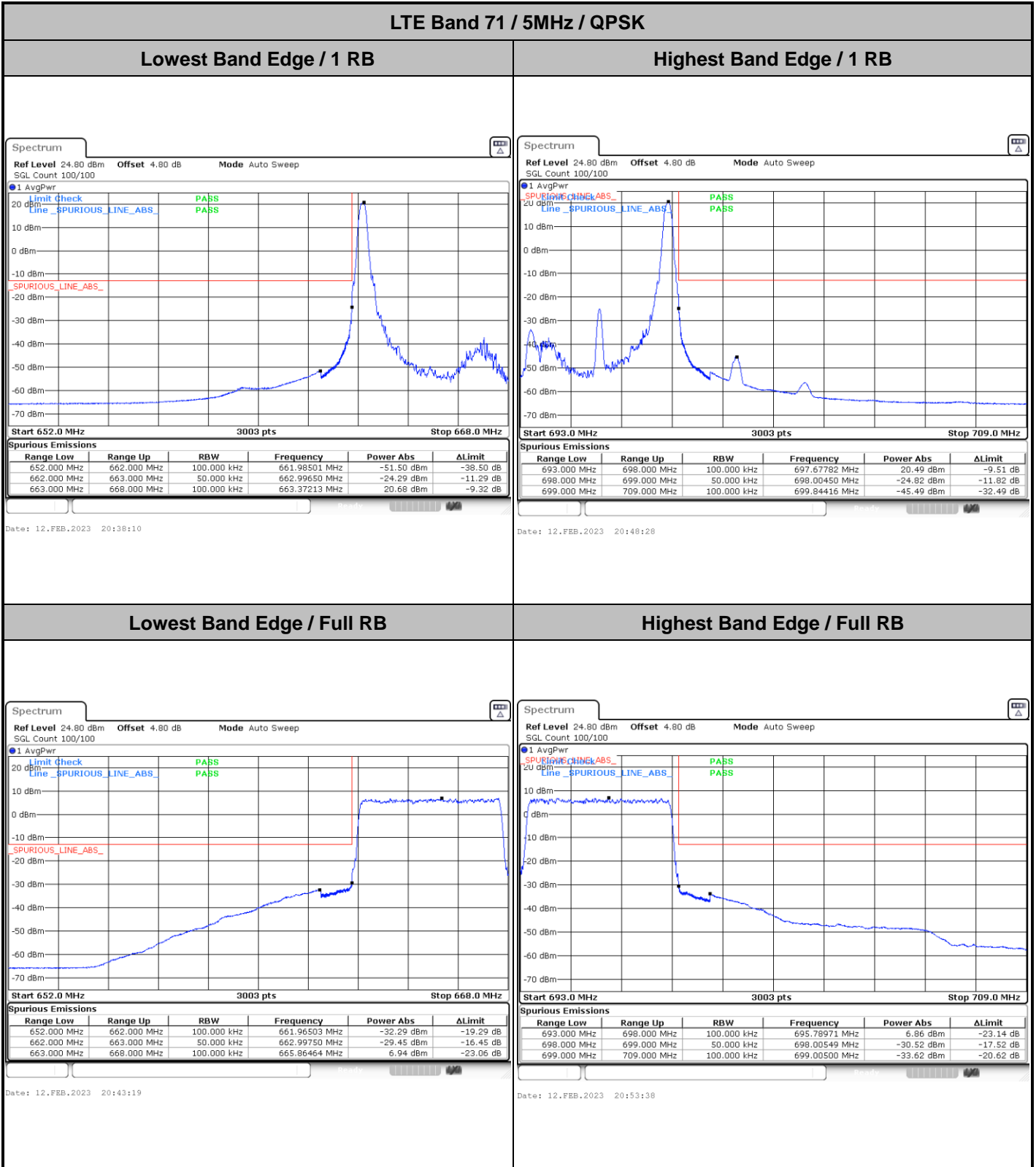
Middle Channel / 20MHz / 16QAM



Date: 12.FEB.2023 21:39:35



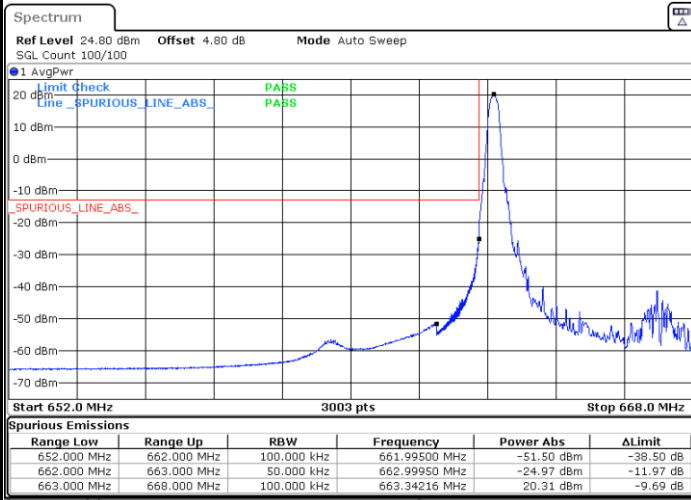
# Conducted Band Edge





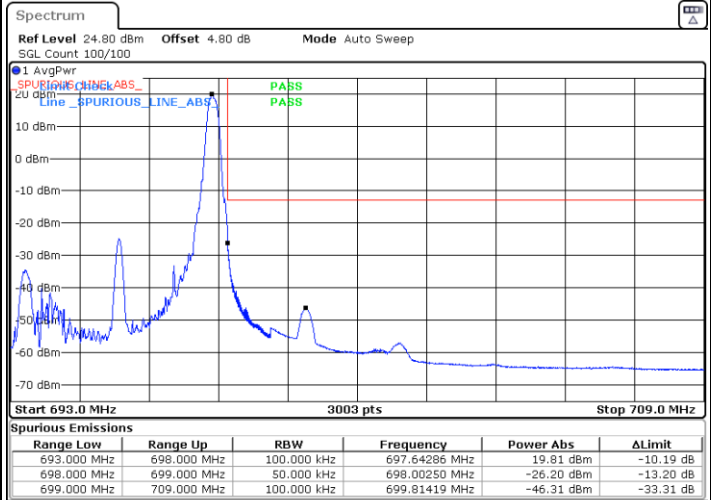
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



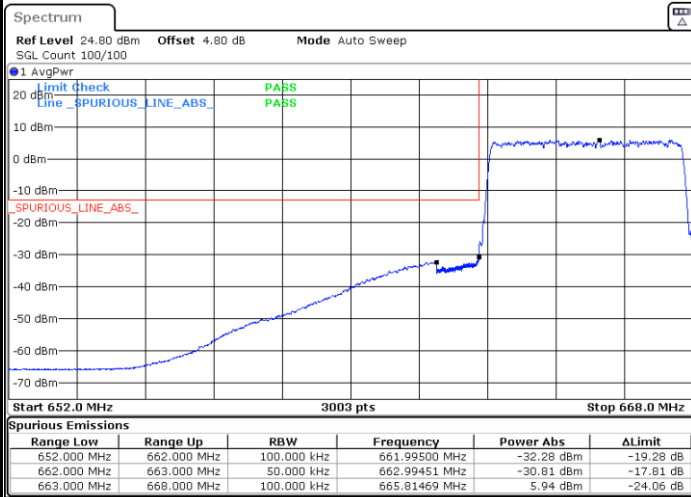
Date: 12.FEB.2023 20:39:12

Highest Band Edge / 1 RB



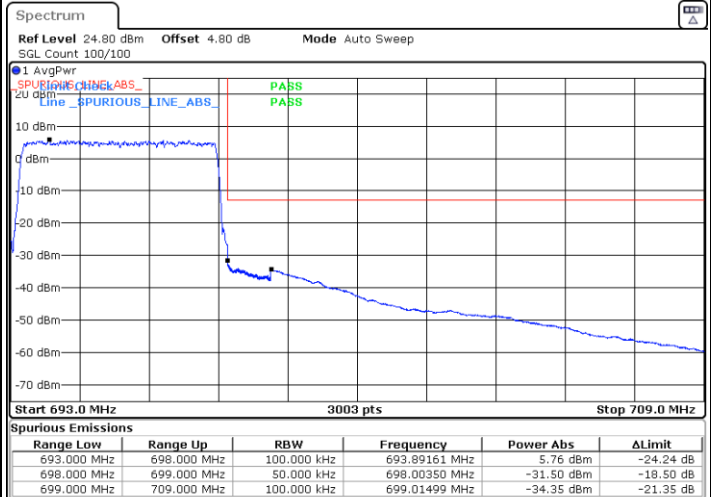
Date: 12.FEB.2023 20:49:30

Lowest Band Edge / Full RB



Date: 12.FEB.2023 20:42:17

Highest Band Edge / Full RB

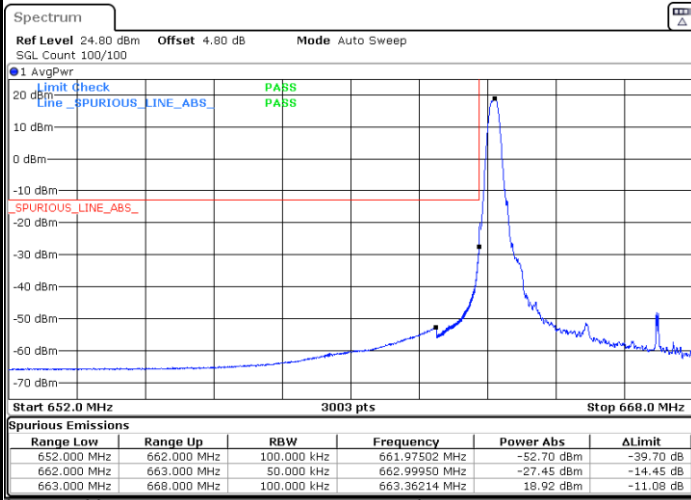


Date: 12.FEB.2023 20:52:36



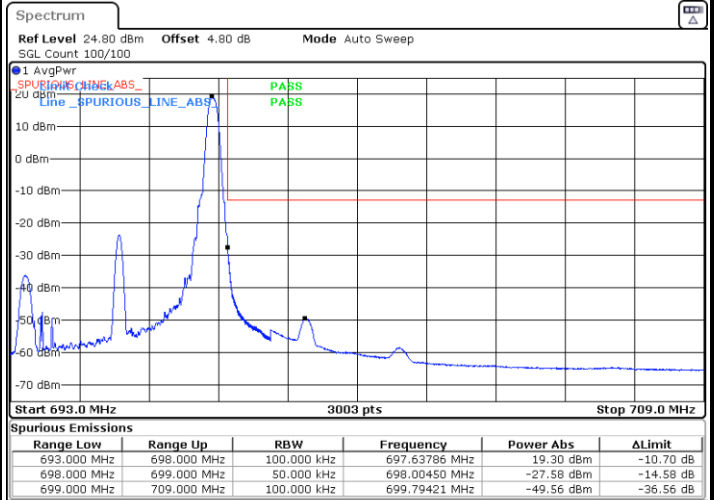
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



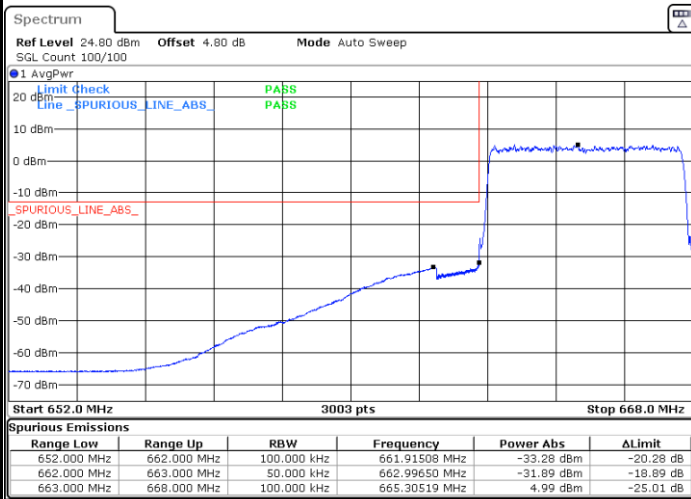
Date: 12.FEB.2023 20:40:14

Highest Band Edge / 1 RB



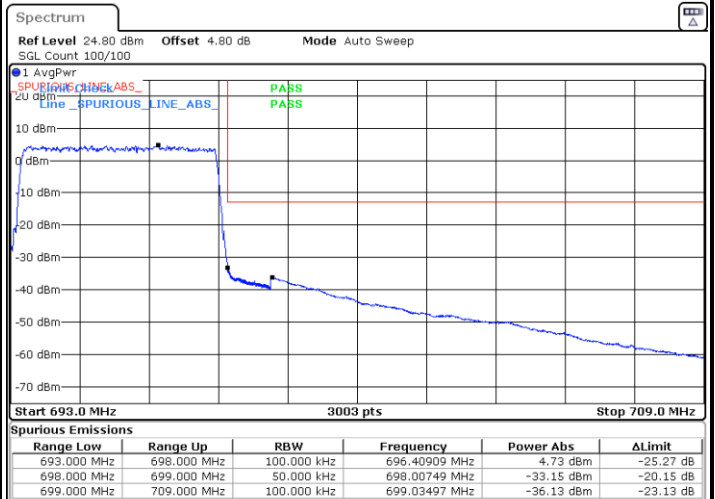
Date: 12.FEB.2023 20:50:32

Lowest Band Edge / Full RB



Date: 12.FEB.2023 20:41:16

Highest Band Edge / Full RB



Date: 12.FEB.2023 20:51:34