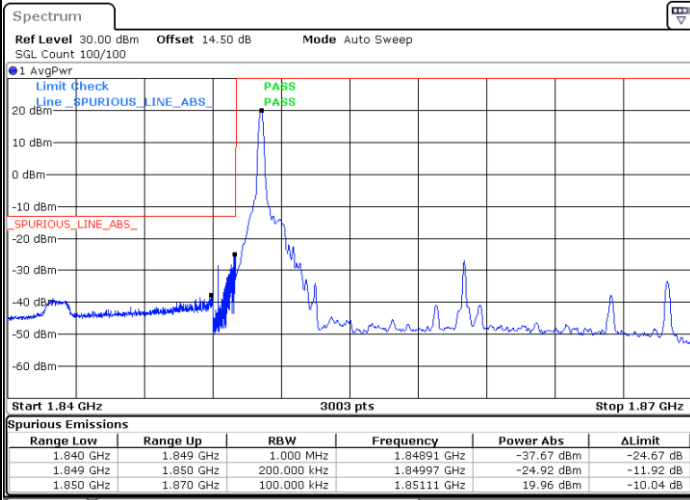




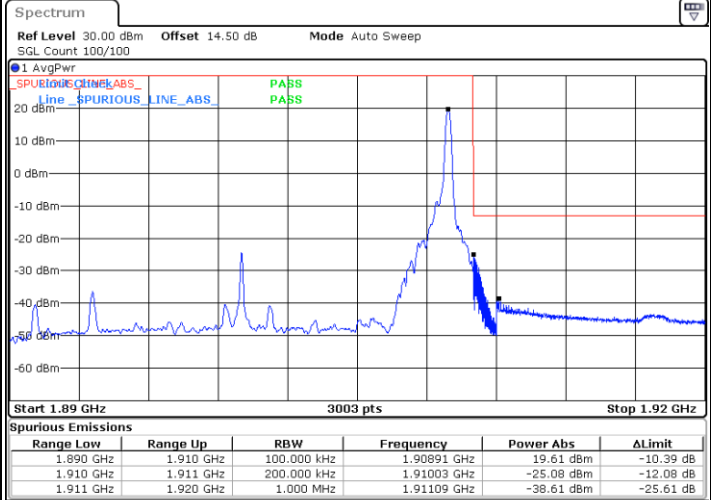
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1RB



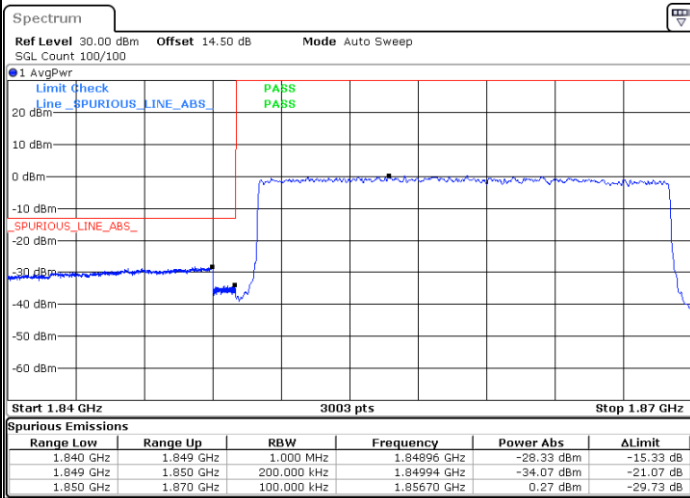
Date: 27.OCT.2023 21:20:39

Highest Band Edge / 1RB



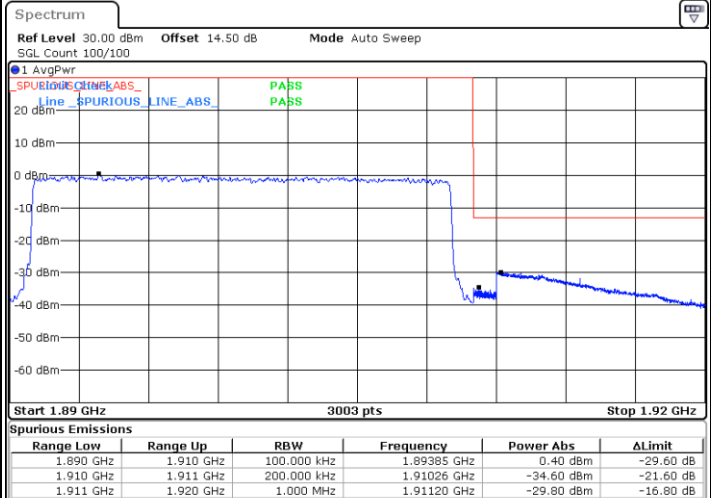
Date: 27.OCT.2023 21:28:10

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:22:10

Highest Band Edge / Full RB

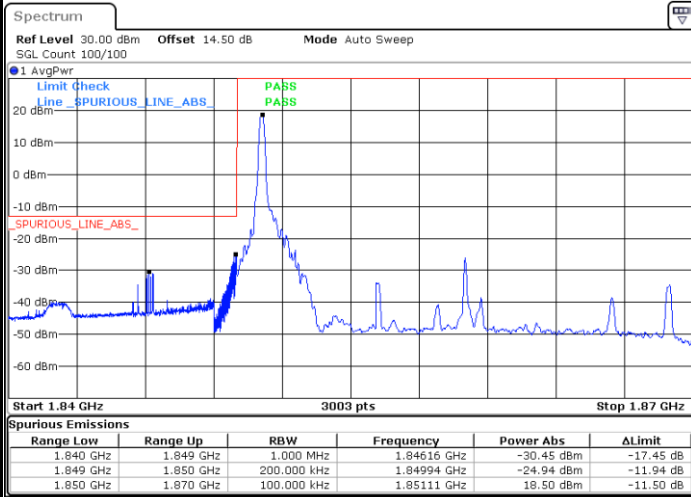


Date: 27.OCT.2023 21:29:40



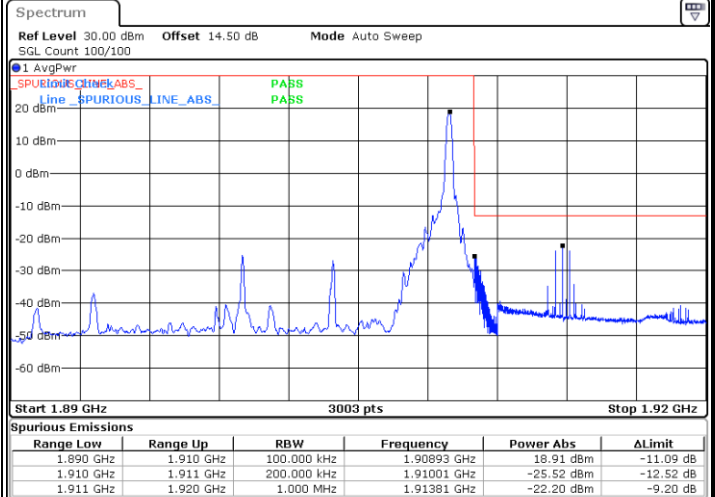
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



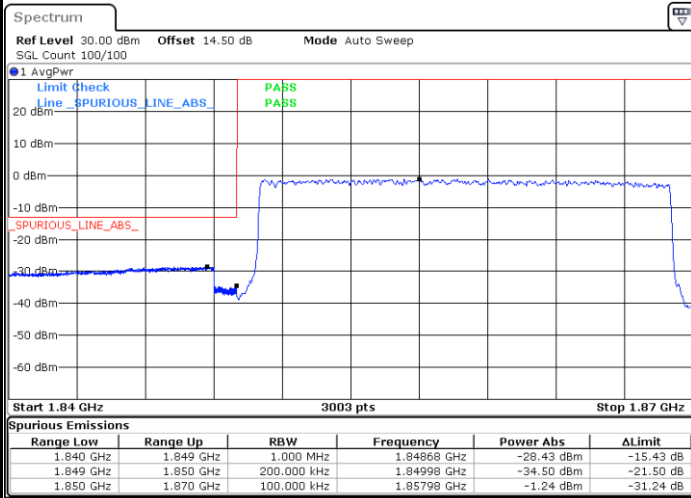
Date: 27.OCT.2023 21:21:10

Highest Band Edge / 1 RB



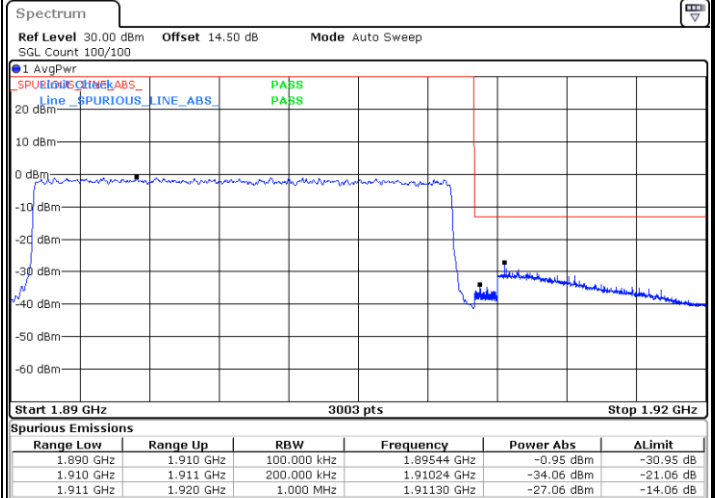
Date: 27.OCT.2023 21:28:40

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:22:40

Highest Band Edge / Full RB

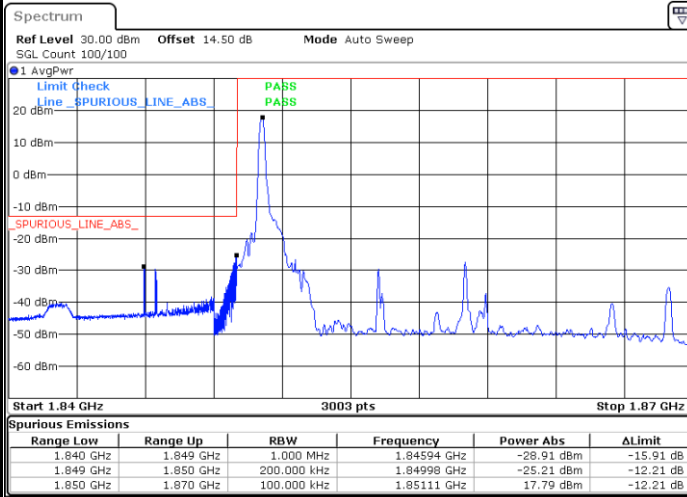


Date: 27.OCT.2023 21:30:10



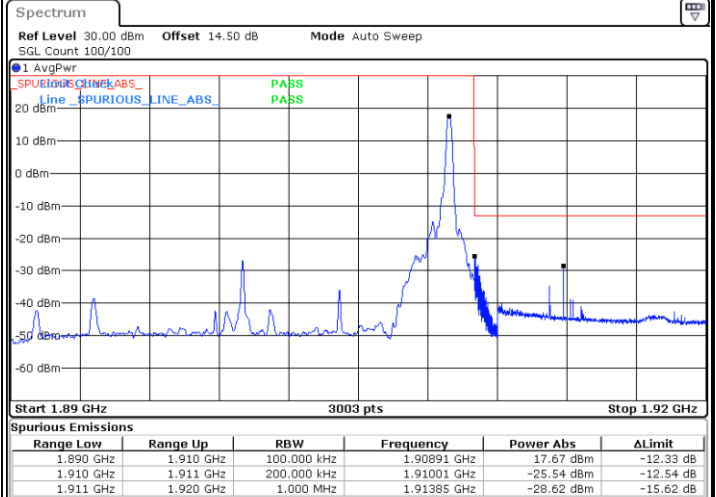
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



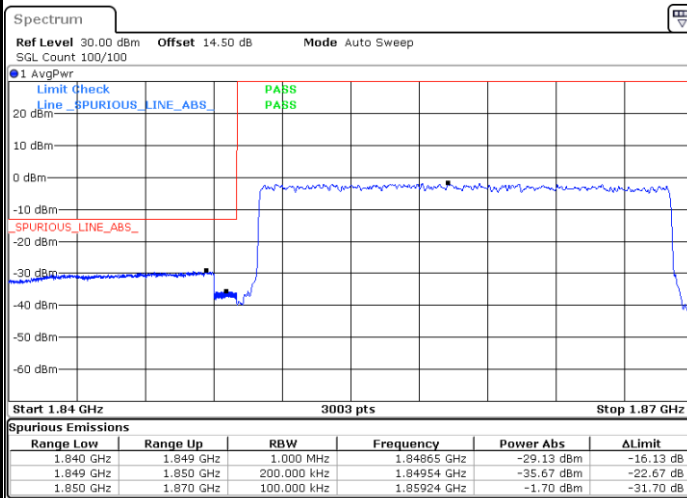
Date: 27.OCT.2023 21:21:40

Highest Band Edge / 1 RB



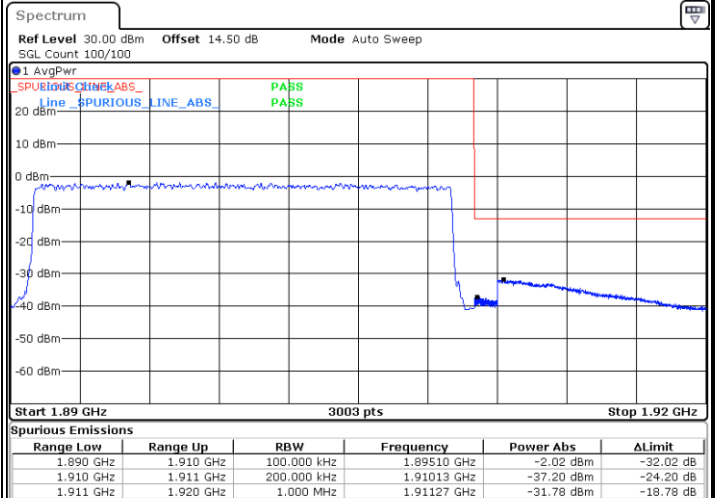
Date: 27.OCT.2023 21:29:10

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:23:10

Highest Band Edge / Full RB



Date: 27.OCT.2023 21:30:41

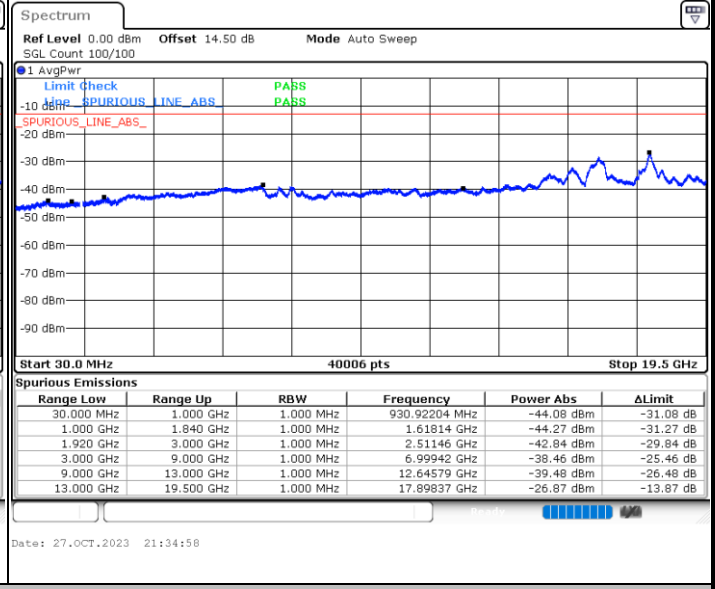
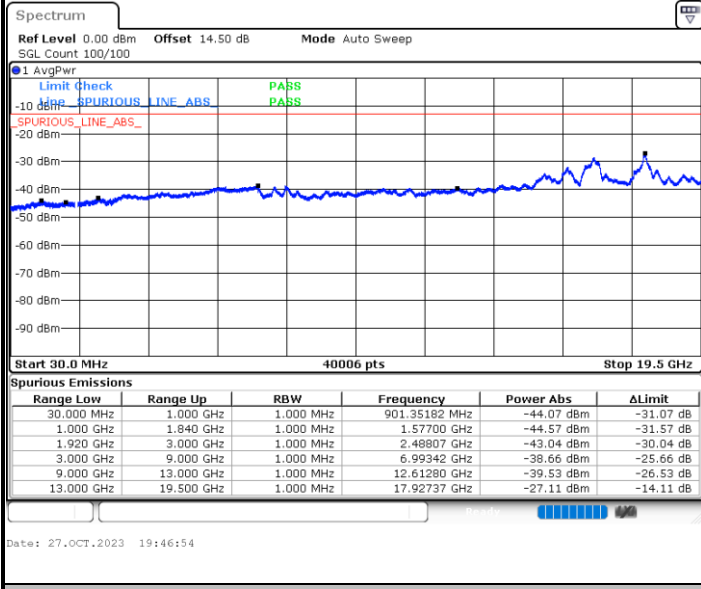


# Conducted Spurious Emission

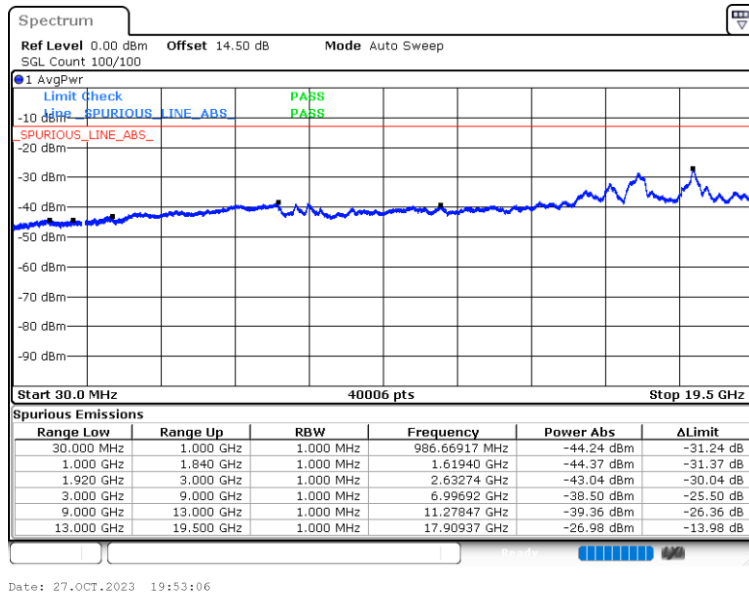
## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

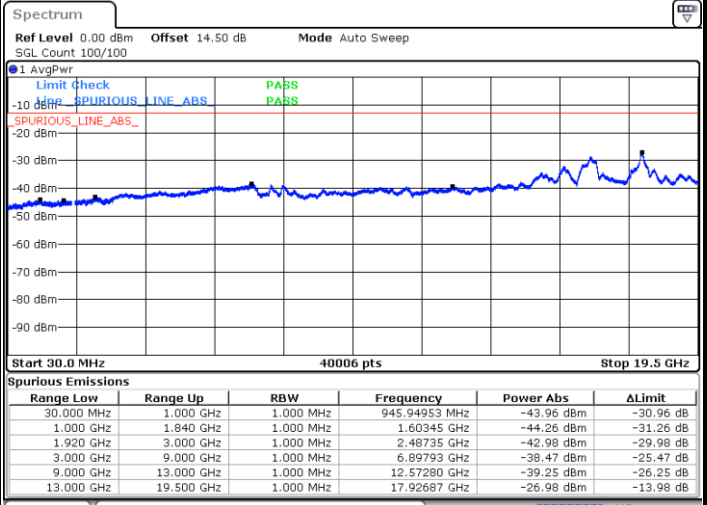
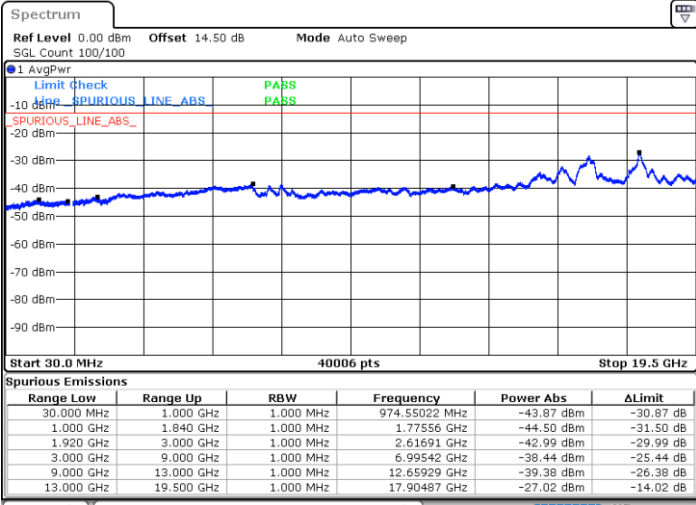




LTE Band 2 / 3MHz

Lowest Channel / QPSK

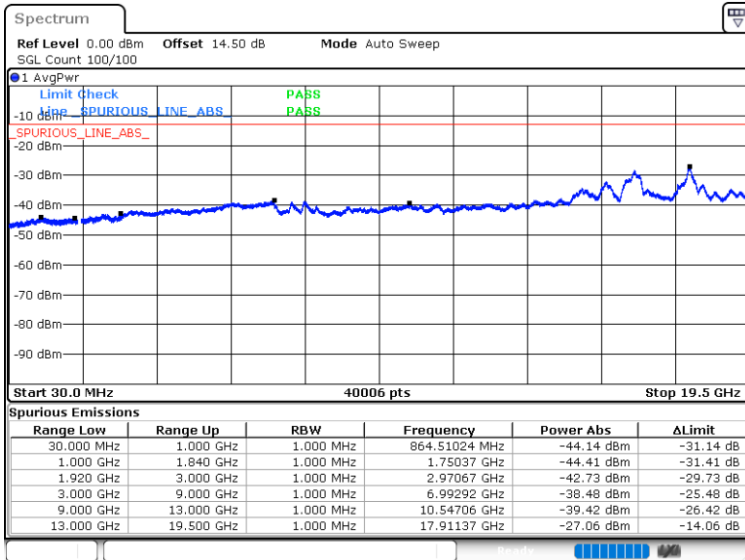
Middle Channel / QPSK



Date: 27.OCT.2023 19:58:49

Date: 27.OCT.2023 20:01:15

Highest Channel / QPSK



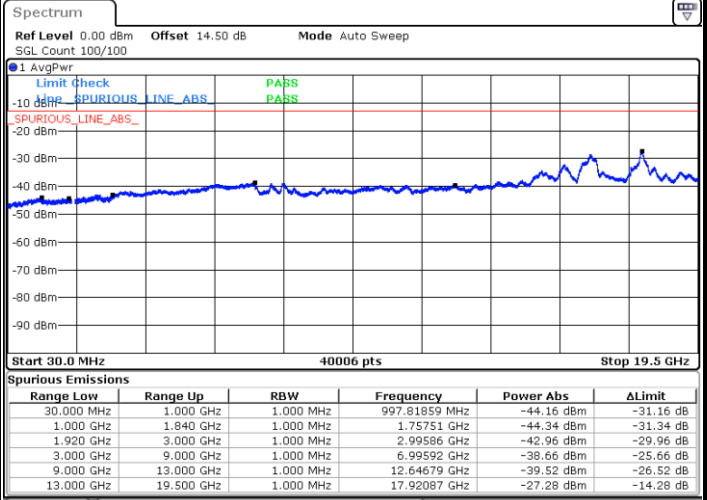
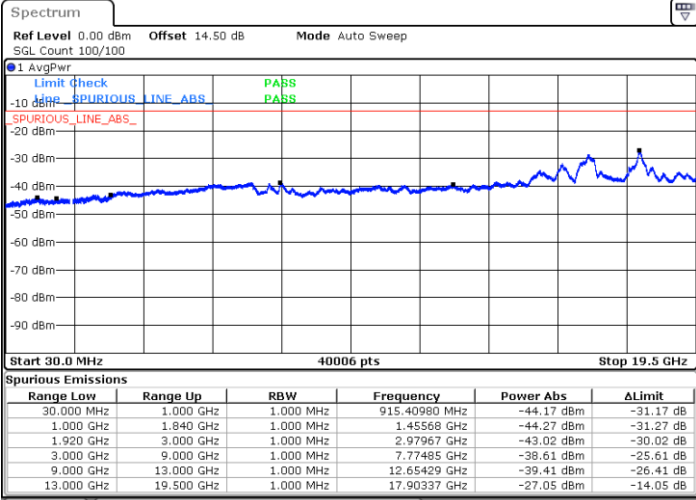
Date: 27.OCT.2023 20:06:31



LTE Band 2 / 5MHz

Lowest Channel / QPSK

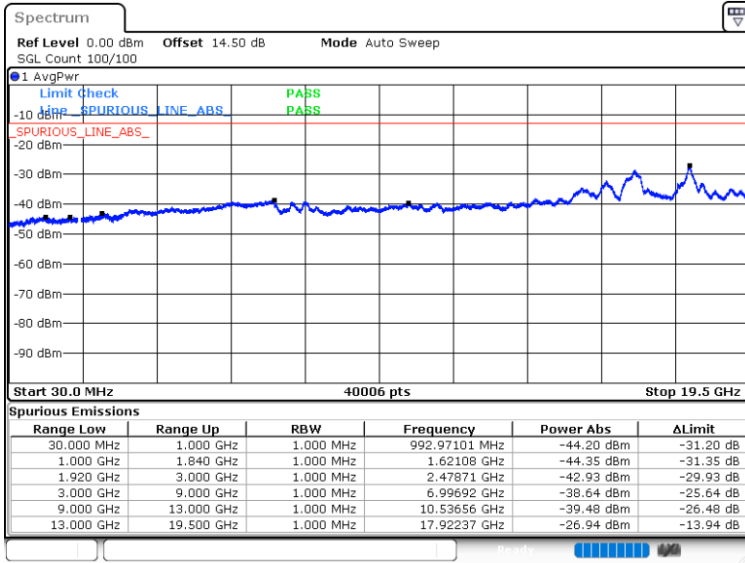
Middle Channel / QPSK



Date: 27.OCT.2023 20:09:40

Date: 27.OCT.2023 20:12:06

Highest Channel / QPSK



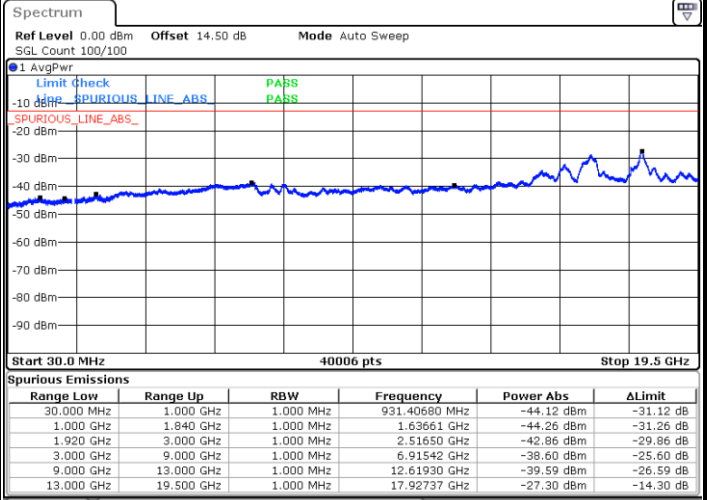
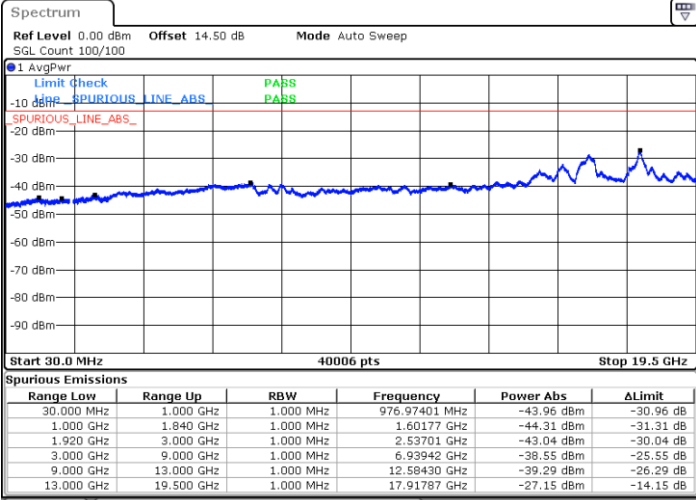
Date: 27.OCT.2023 20:17:22



LTE Band 2 / 10MHz

Lowest Channel / QPSK

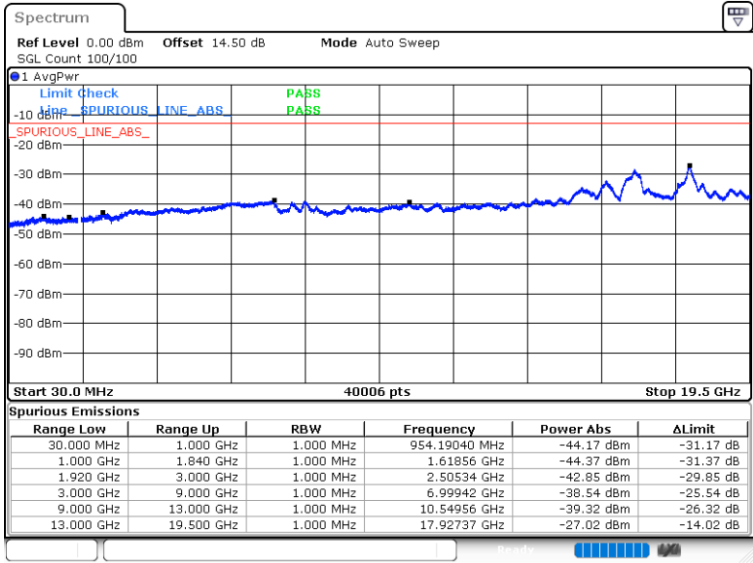
Middle Channel / QPSK



Date: 27.OCT.2023 20:32:22

Date: 27.OCT.2023 20:33:18

Highest Channel / QPSK

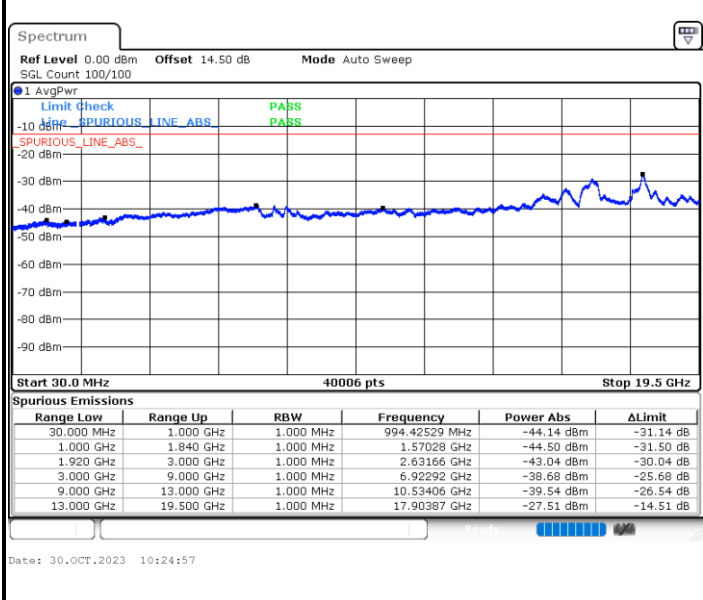


Date: 27.OCT.2023 20:38:36

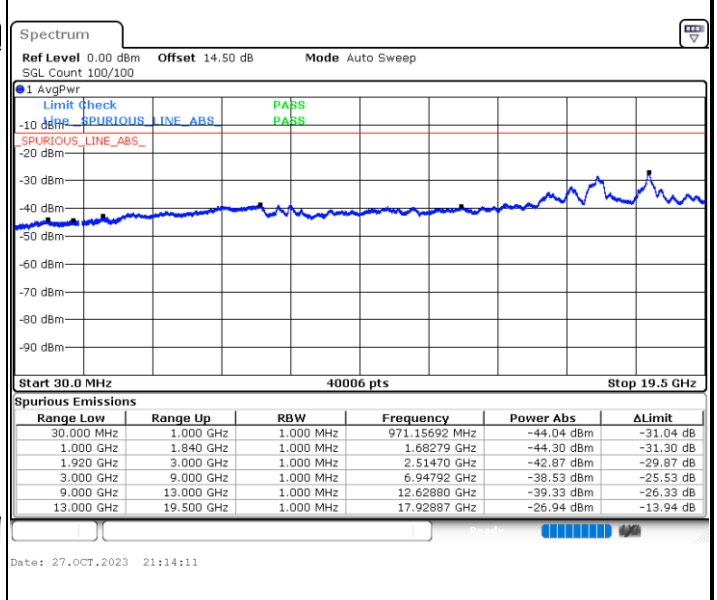


**LTE Band 2 / 15MHz**

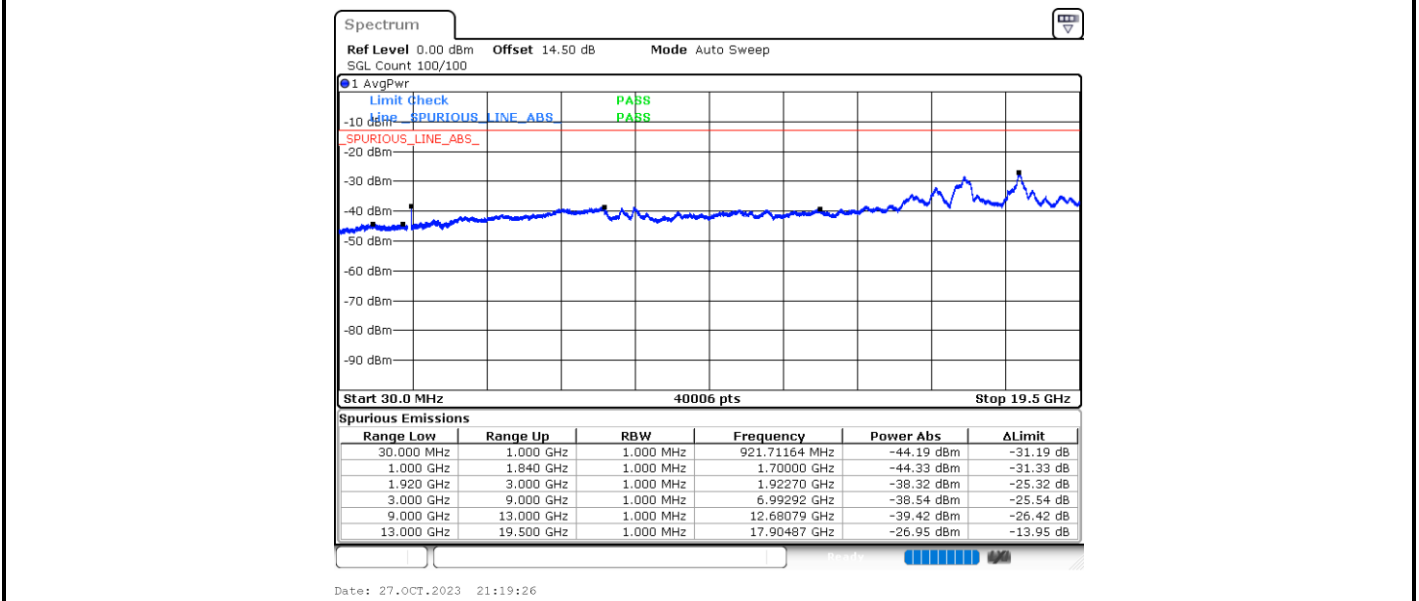
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**



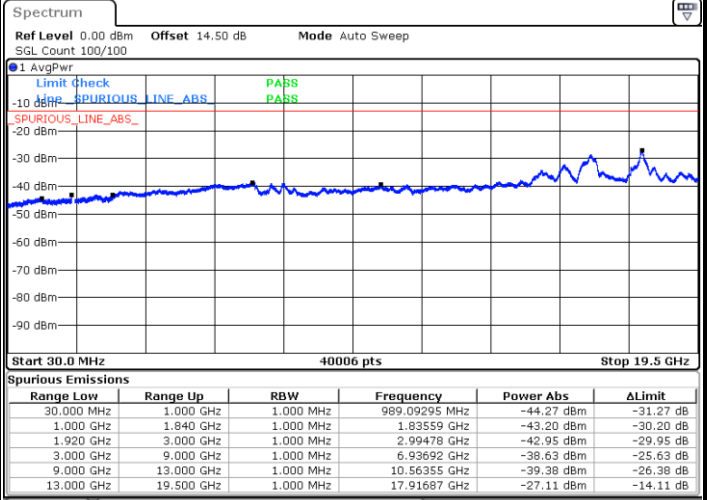
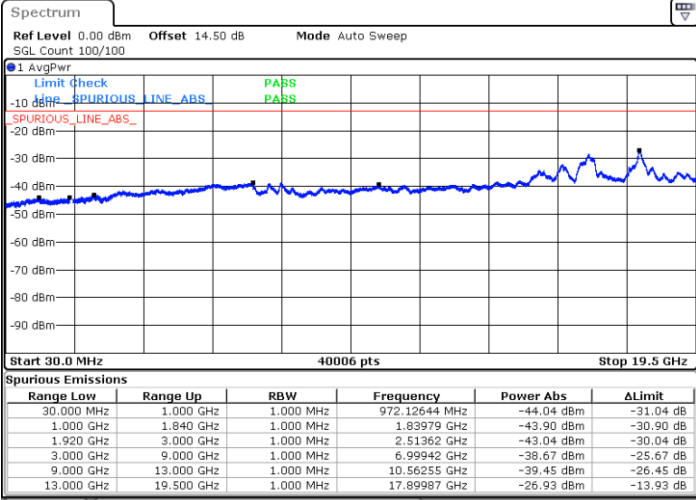




LTE Band 2 / 20MHz

Lowest Channel / QPSK

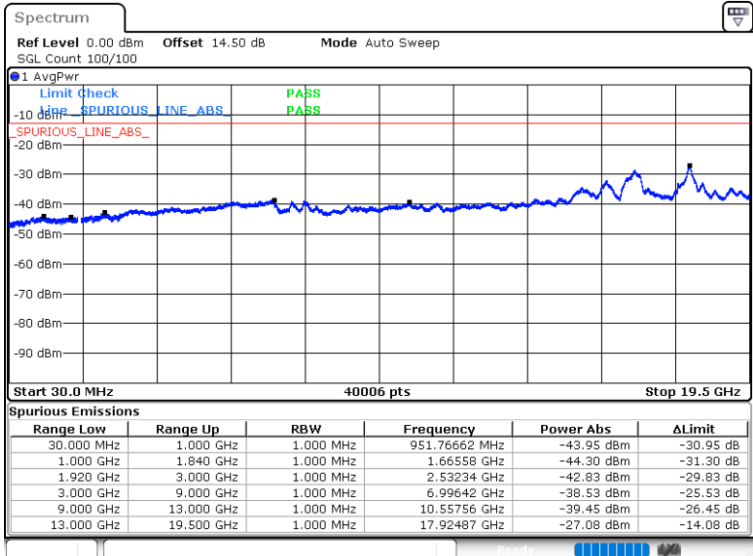
Middle Channel / QPSK



Date: 27.OCT.2023 21:24:06

Date: 27.OCT.2023 21:25:01

Highest Channel / QPSK



Date: 27.OCT.2023 21:32:21



### Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

**Note:**

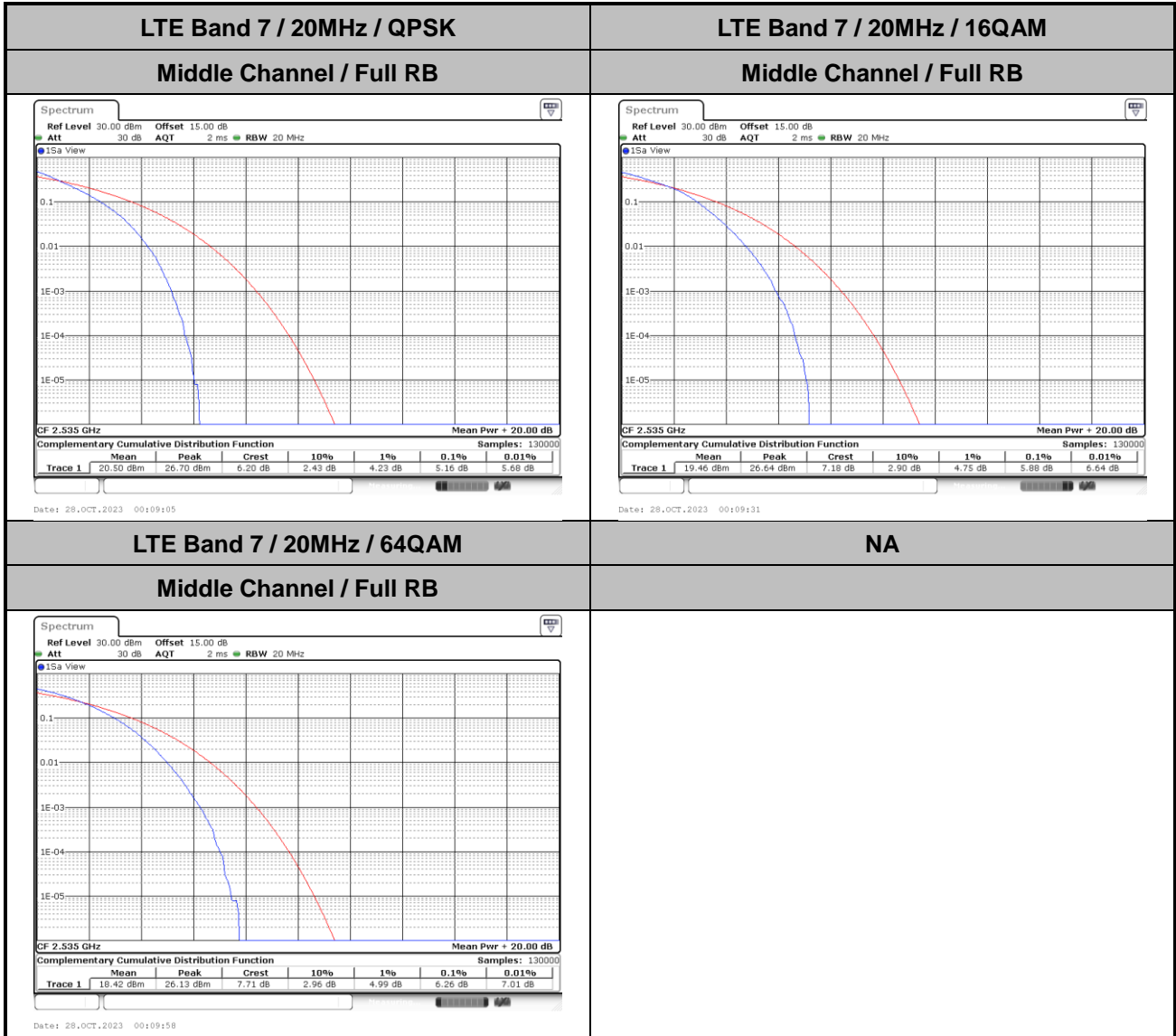
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 7

### Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.16	5.88	6.26	<b>PASS</b>





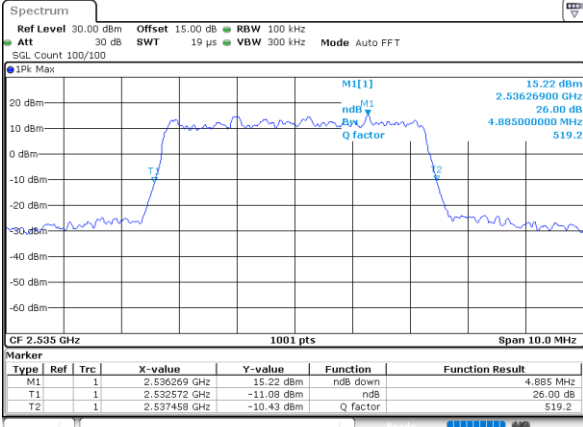
**26dB Bandwidth**

Mode	LTE Band 7 : 26dB BW(MHz)											
	-		-		5MHz		10MHz		15MHz		20MHz	
BW	-		-		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.89	4.83	9.63	9.67	14.15	14.39	19.06	19.10



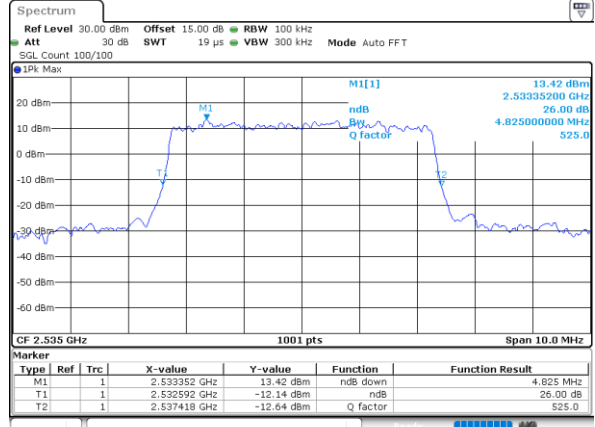
LTE Band 7

Middle Channel / 5MHz / QPSK



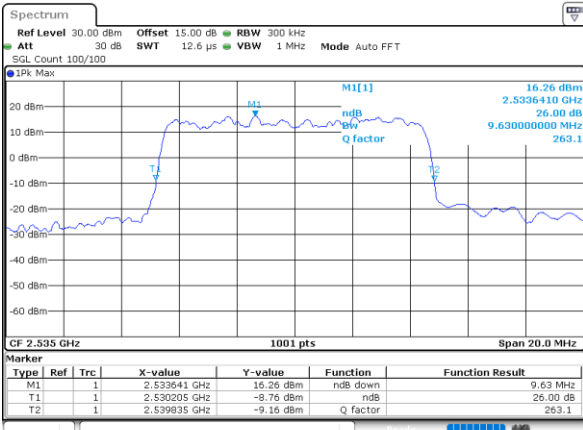
Date: 27.OCT.2023 23:34:07

Middle Channel / 5MHz / 16QAM



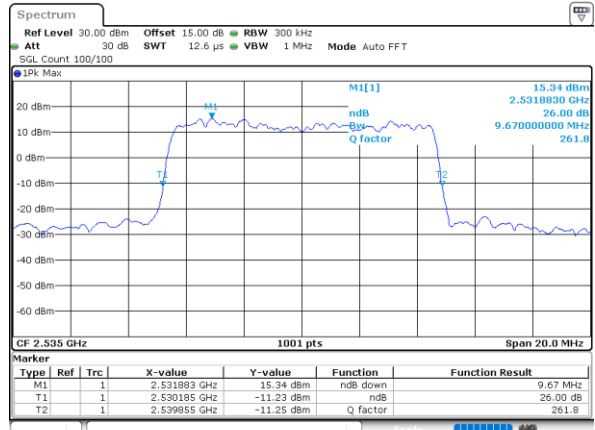
Date: 27.OCT.2023 23:34:46

Middle Channel / 10MHz / QPSK



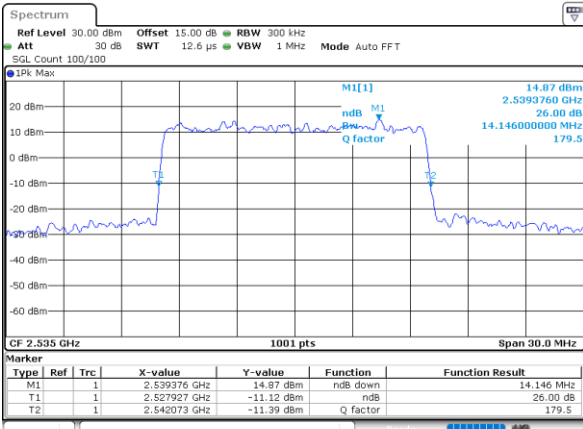
Date: 27.OCT.2023 23:45:23

Middle Channel / 10MHz / 16QAM



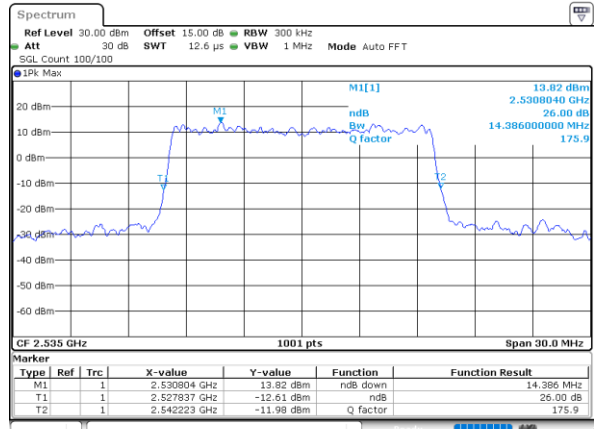
Date: 27.OCT.2023 23:46:02

Middle Channel / 15MHz / QPSK



Date: 27.OCT.2023 23:56:41

Middle Channel / 15MHz / 16QAM



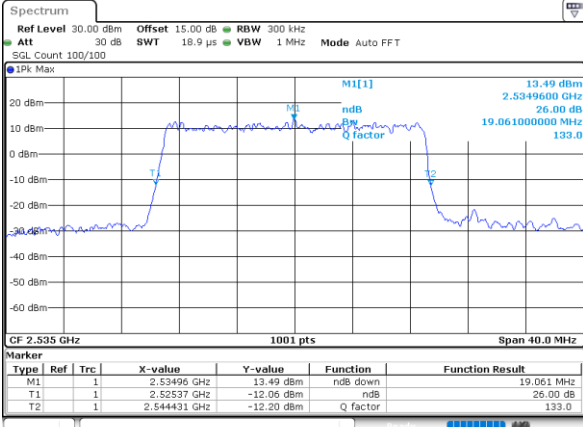
Date: 27.OCT.2023 23:57:20



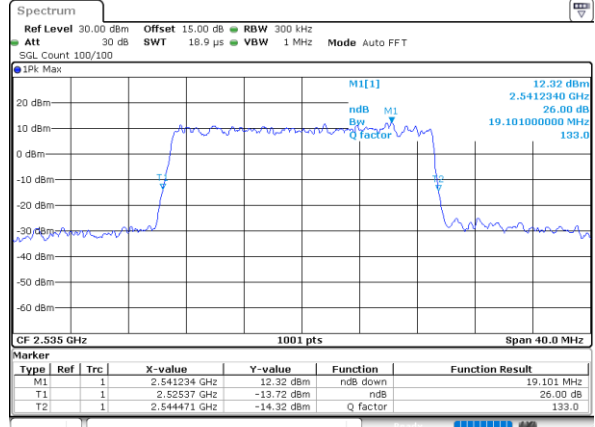
LTE Band 7

Middle Channel / 20MHz / QPSK

Middle Channel / 20MHz / 16QAM



Date: 28.OCT.2023 00:07:59



Date: 28.OCT.2023 00:08:38



### Occupied Bandwidth

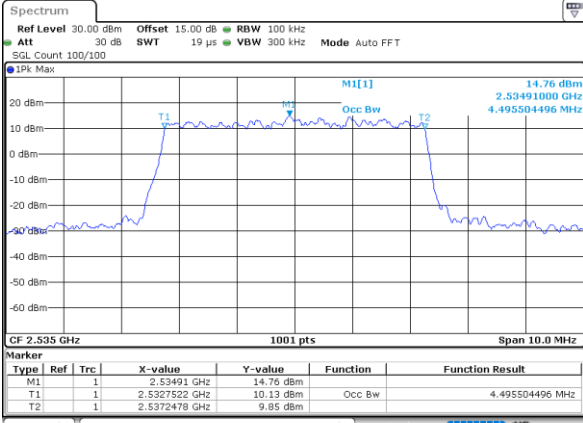
Mode	LTE Band 7 : 99%OBW(MHz)											
	-		-		5MHz		10MHz		15MHz		20MHz	
BW	-		-		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.51	9.01	8.95	13.49	13.46	17.86	17.86





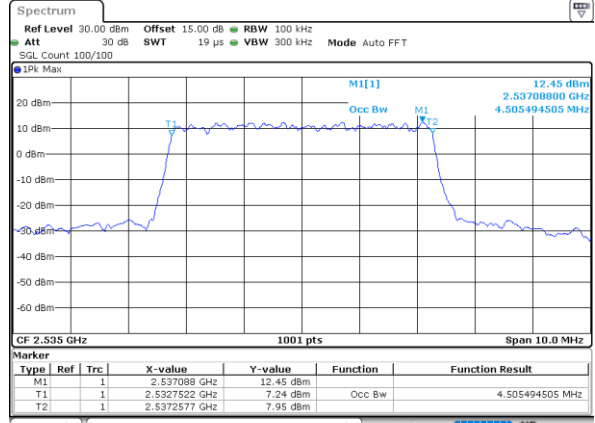
LTE Band 7

Middle Channel / 5MHz / QPSK



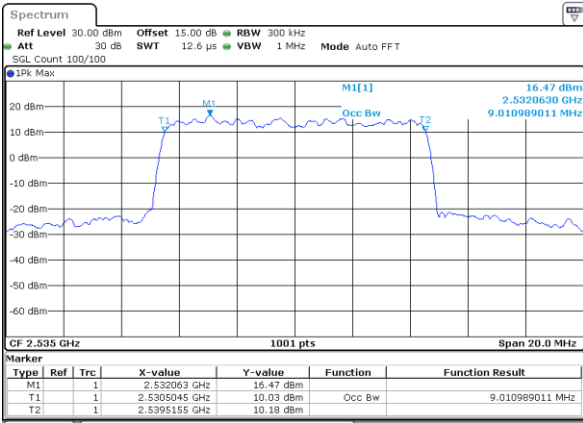
Date: 27.OCT.2023 23:33:53

Middle Channel / 5MHz / 16QAM



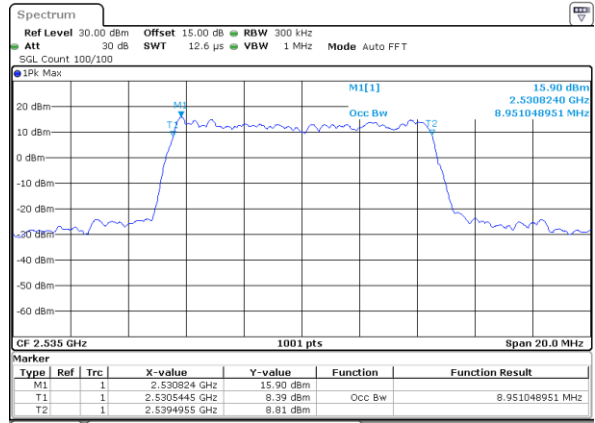
Date: 27.OCT.2023 23:34:32

Middle Channel / 10MHz / QPSK



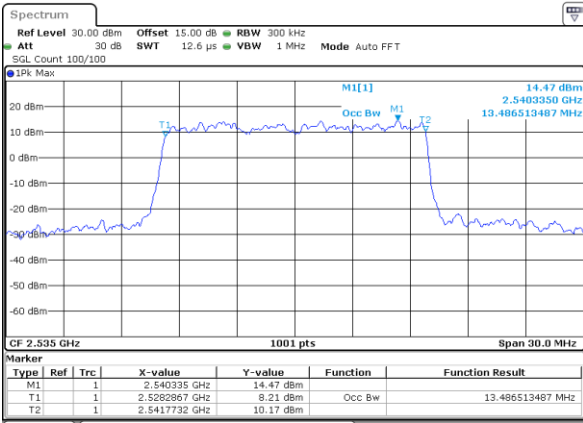
Date: 27.OCT.2023 23:45:09

Middle Channel / 10MHz / 16QAM



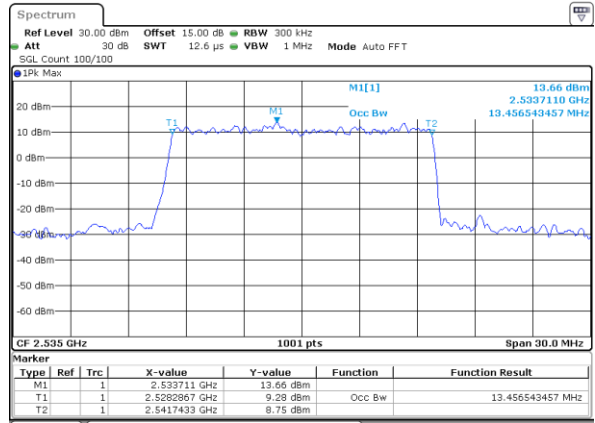
Date: 27.OCT.2023 23:45:48

Middle Channel / 15MHz / QPSK



Date: 27.OCT.2023 23:56:27

Middle Channel / 15MHz / 16QAM

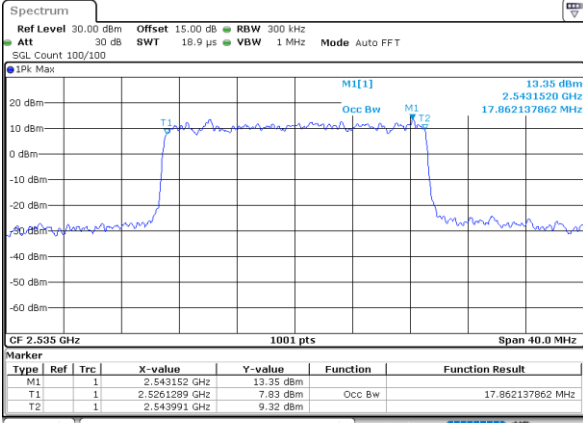


Date: 27.OCT.2023 23:57:06



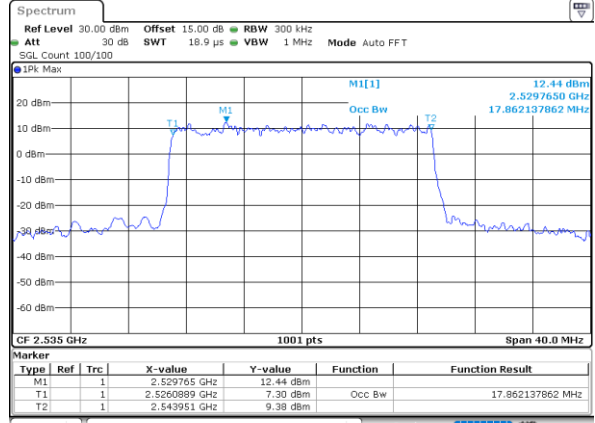
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 28.OCT.2023 00:07:45

Middle Channel / 20MHz / 16QAM



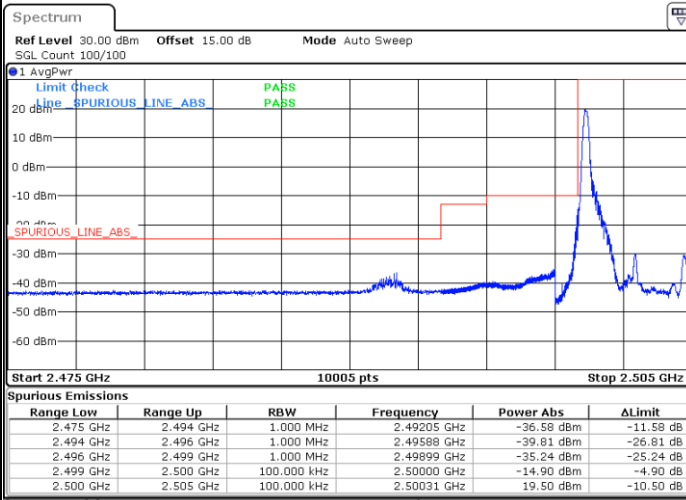
Date: 28.OCT.2023 00:08:24



# Conducted Band Edge

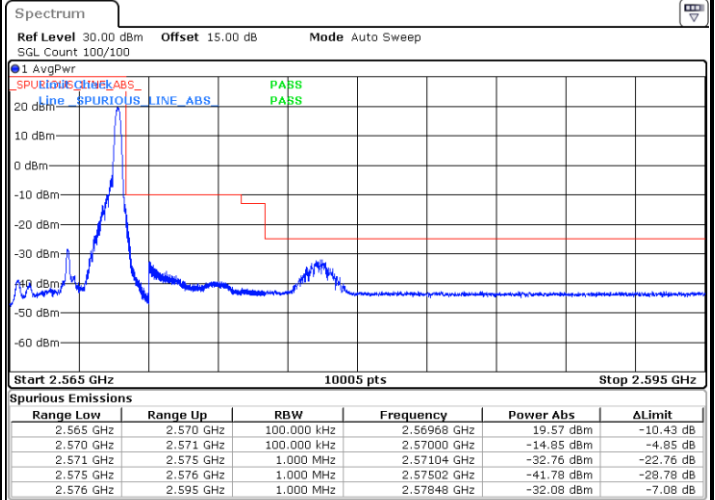
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



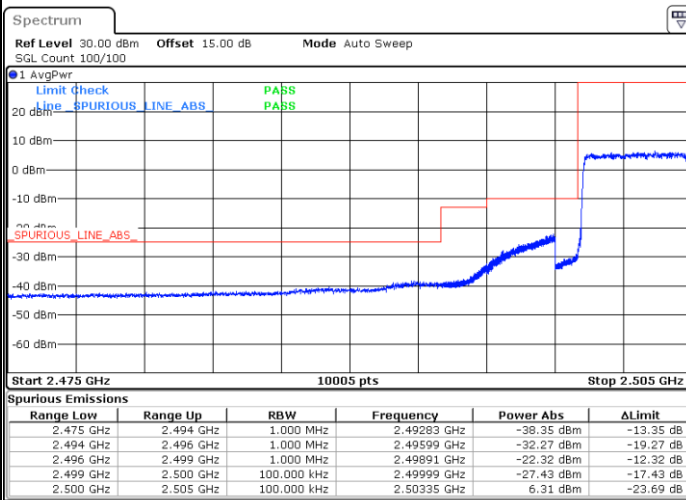
Date: 27.OCT.2023 23:28:38

### Highest Band Edge / 1 RB



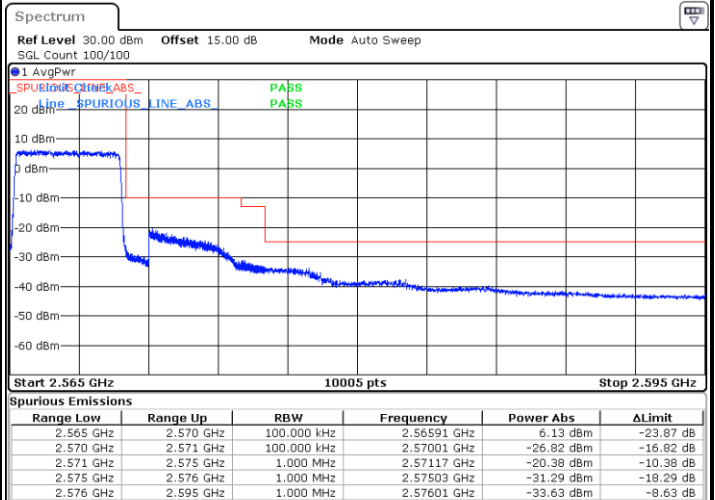
Date: 27.OCT.2023 23:35:16

### Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:30:14

### Highest Band Edge / Full RB

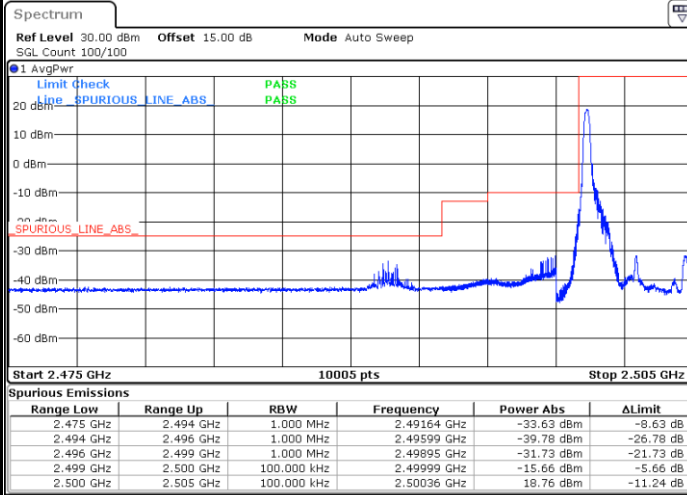


Date: 27.OCT.2023 23:36:46



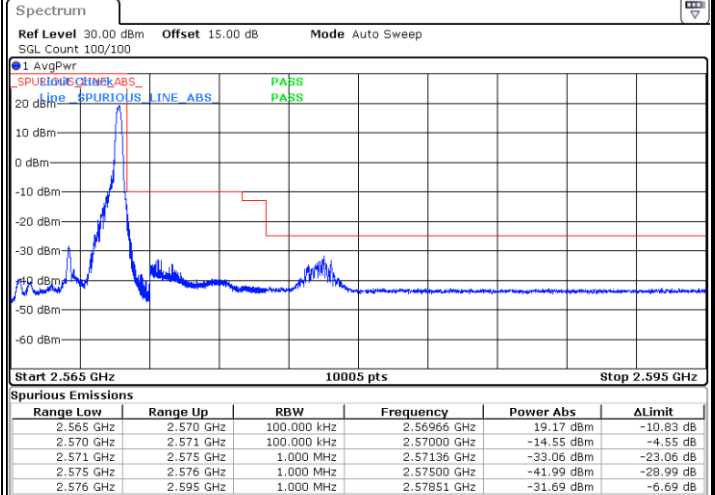
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



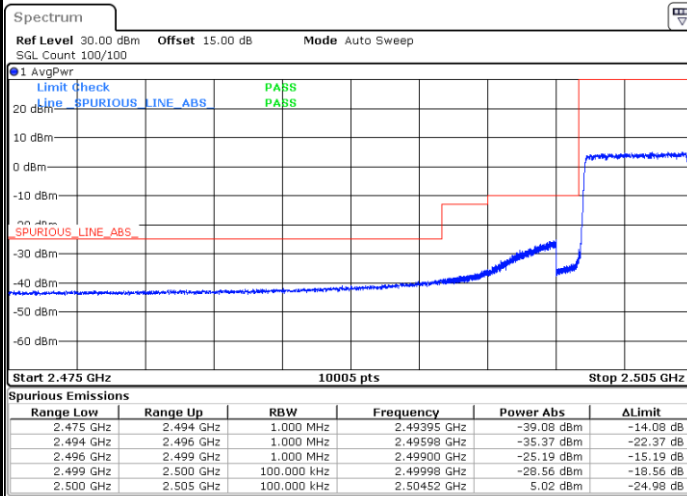
Date: 27.OCT.2023 23:29:13

Highest Band Edge / 1 RB



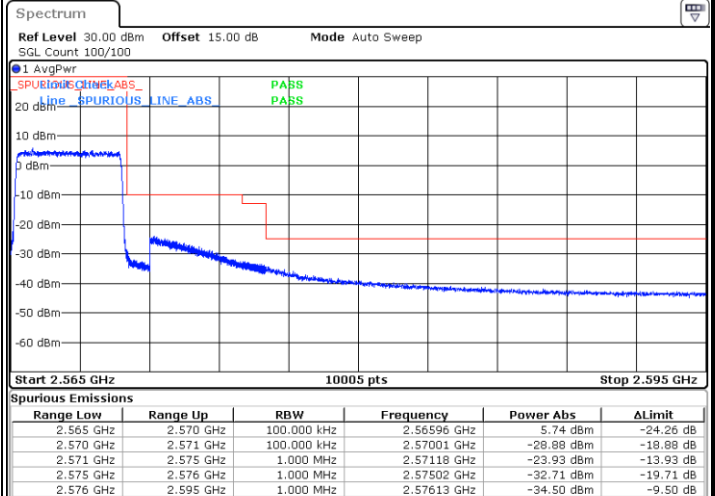
Date: 27.OCT.2023 23:35:46

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:30:45

Highest Band Edge / Full RB



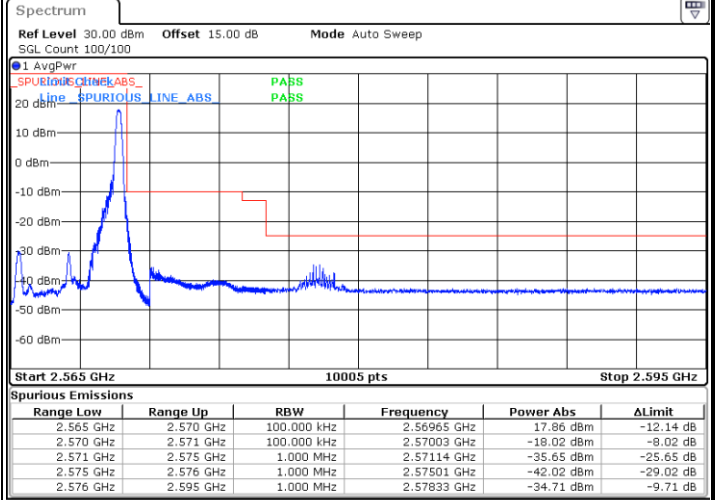
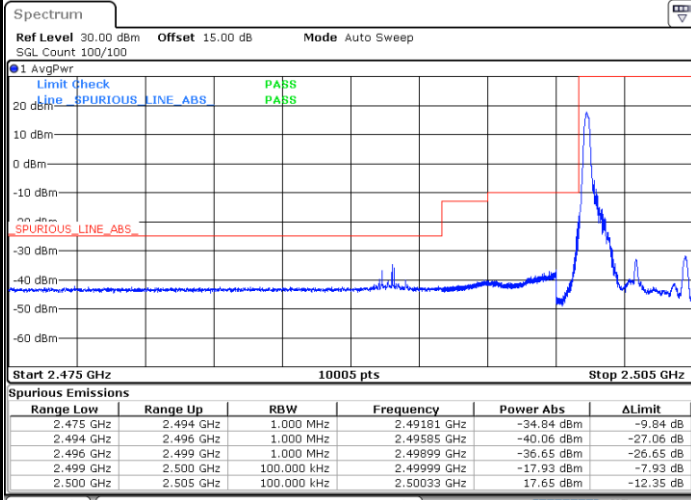
Date: 27.OCT.2023 23:37:17



LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

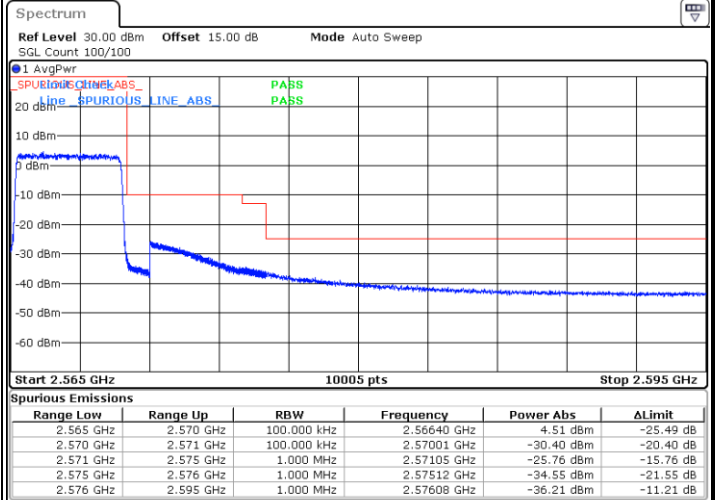
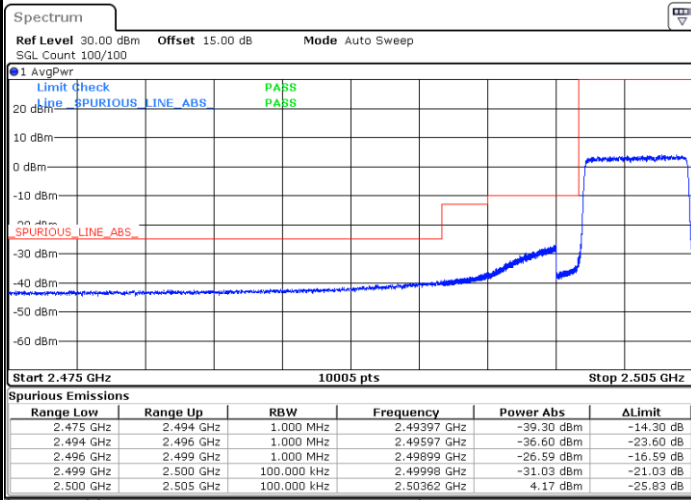


Date: 27.OCT.2023 23:29:44

Date: 27.OCT.2023 23:36:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



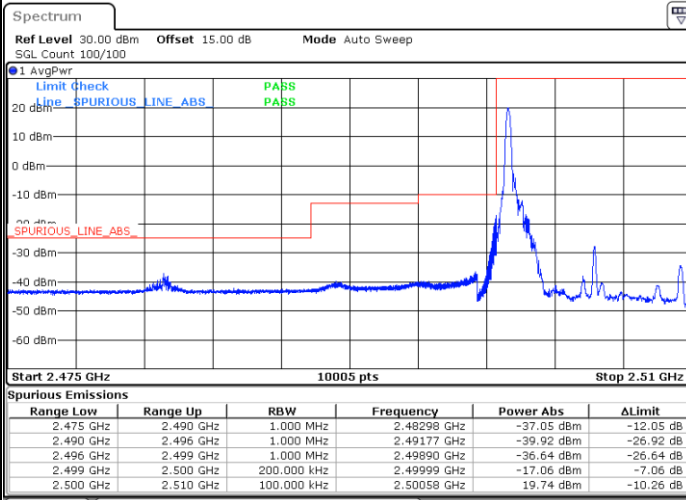
Date: 27.OCT.2023 23:31:15

Date: 27.OCT.2023 23:37:47



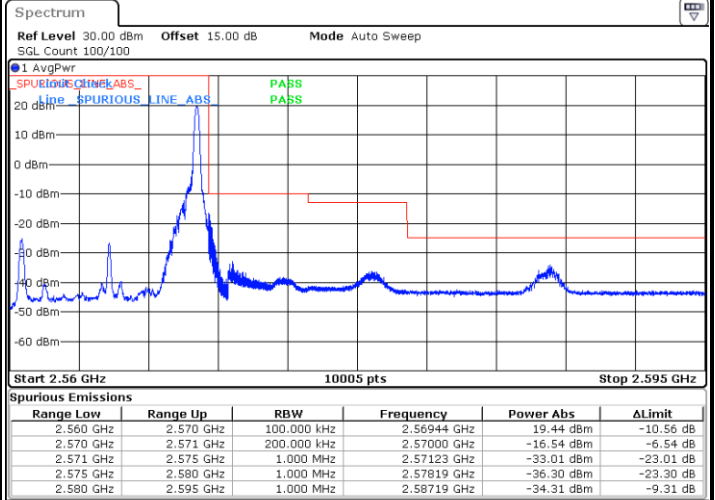
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



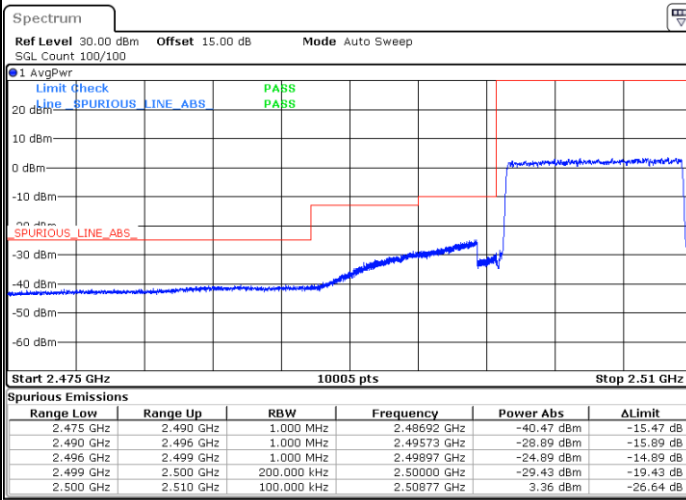
Date: 27.OCT.2023 23:40:07

Highest Band Edge / 1 RB



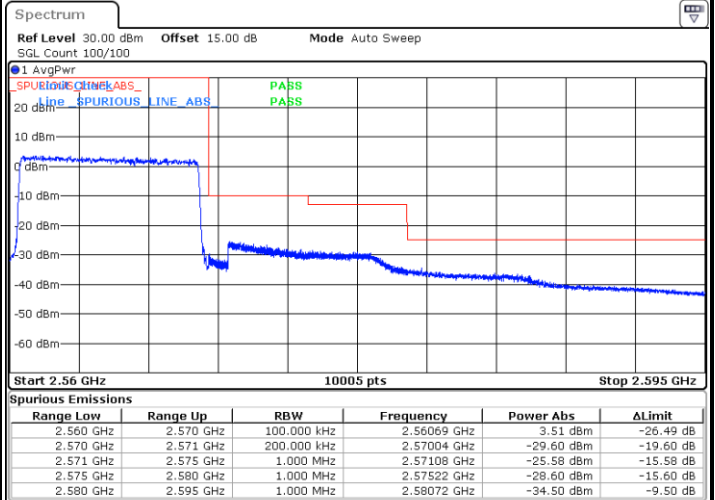
Date: 27.OCT.2023 23:46:32

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:41:37

Highest Band Edge / Full RB

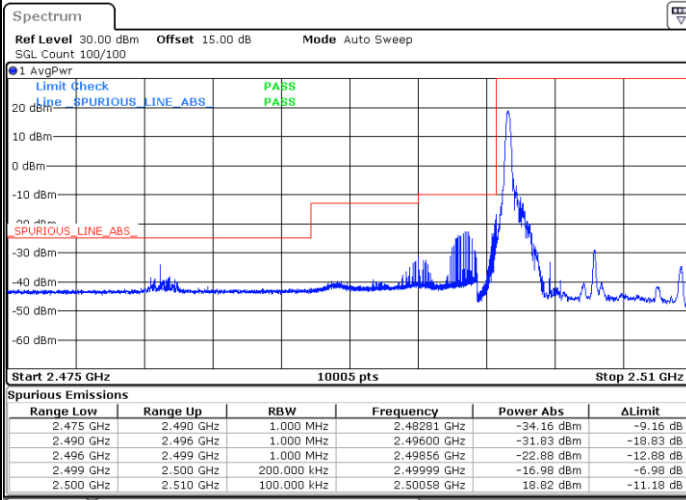


Date: 27.OCT.2023 23:48:03



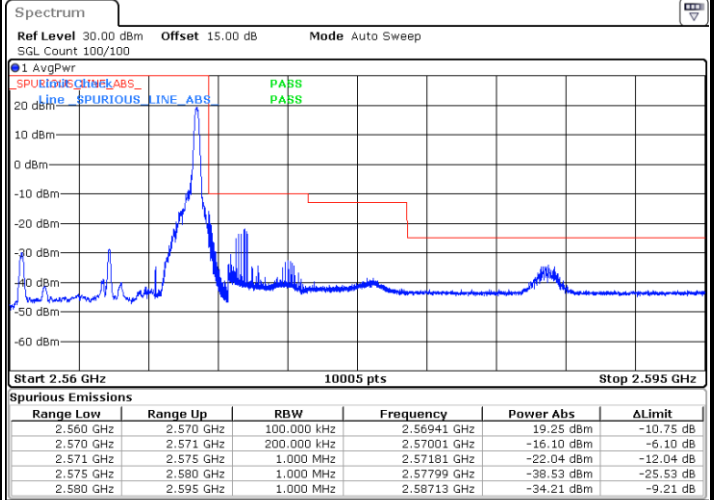
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



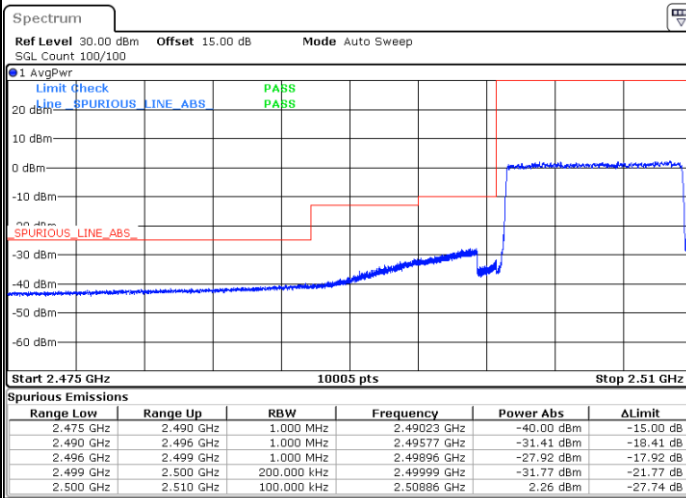
Date: 27.OCT.2023 23:40:37

Highest Band Edge / 1 RB



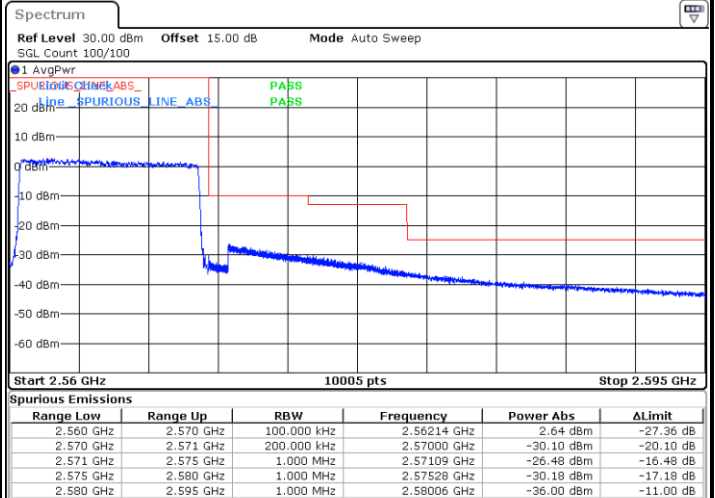
Date: 27.OCT.2023 23:47:02

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:42:08

Highest Band Edge / Full RB

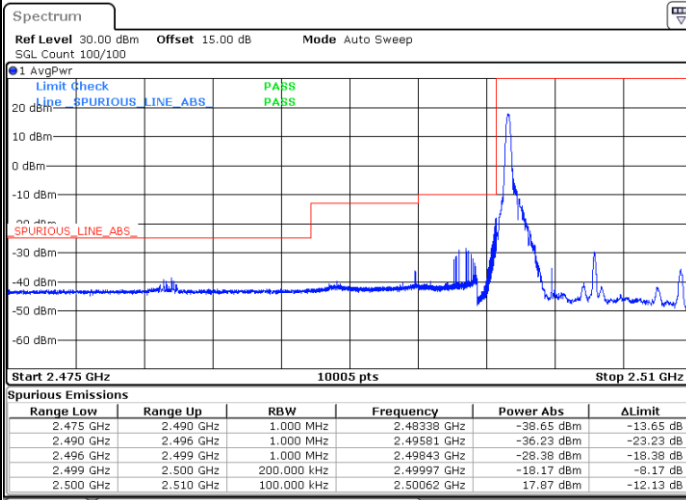


Date: 27.OCT.2023 23:48:34



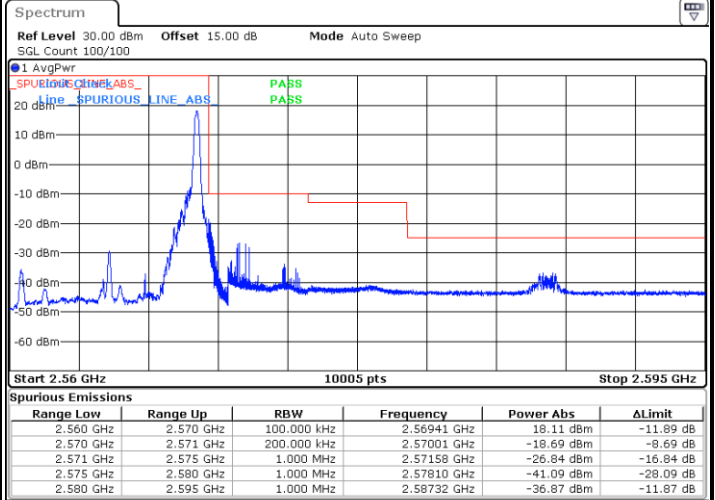
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



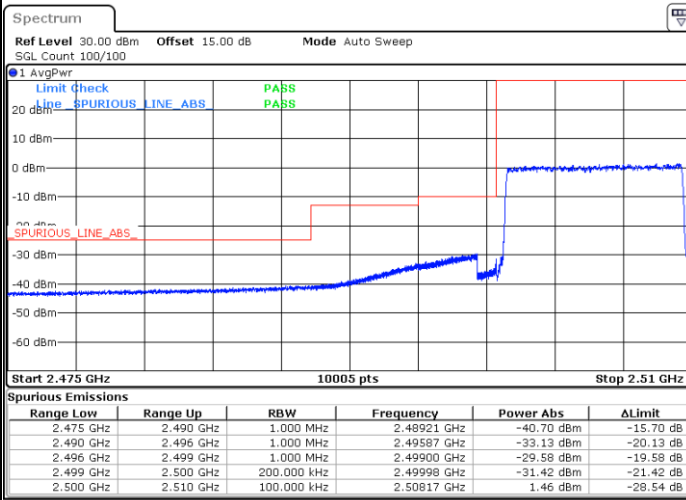
Date: 27.OCT.2023 23:41:07

Highest Band Edge / 1 RB



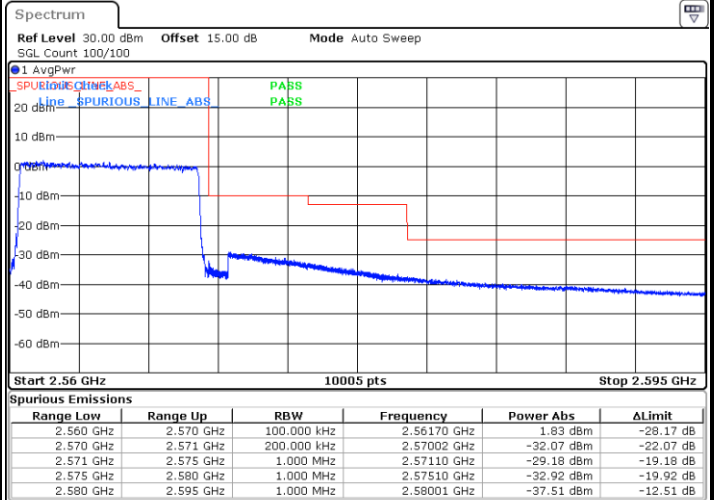
Date: 27.OCT.2023 23:47:33

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:42:38

Highest Band Edge / Full RB



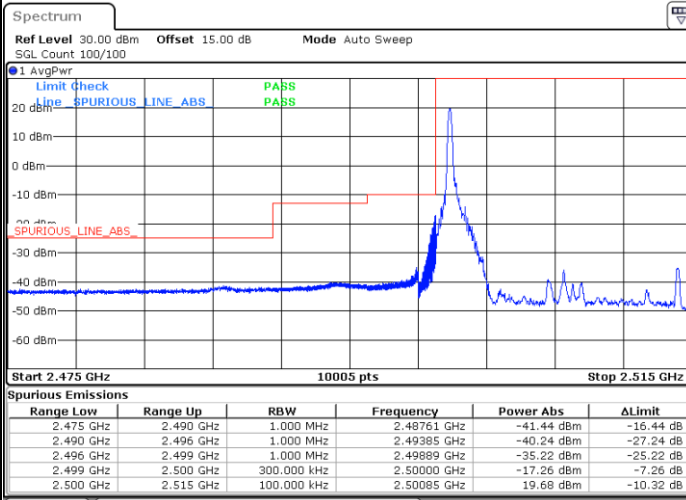
Date: 27.OCT.2023 23:49:04





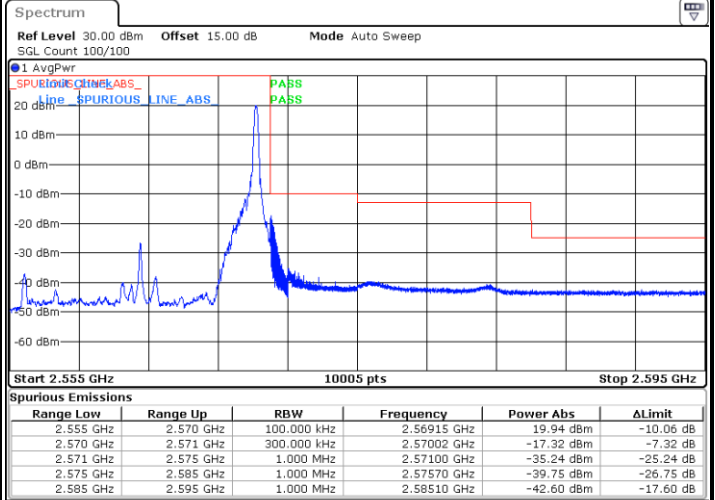
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



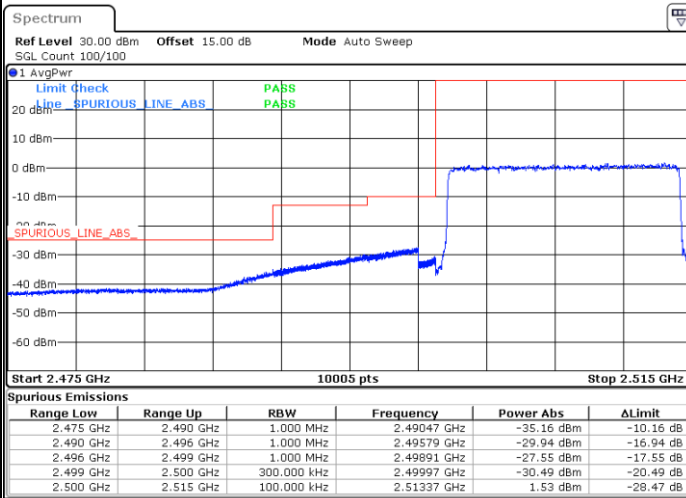
Date: 27.OCT.2023 23:51:21

Highest Band Edge / 1 RB



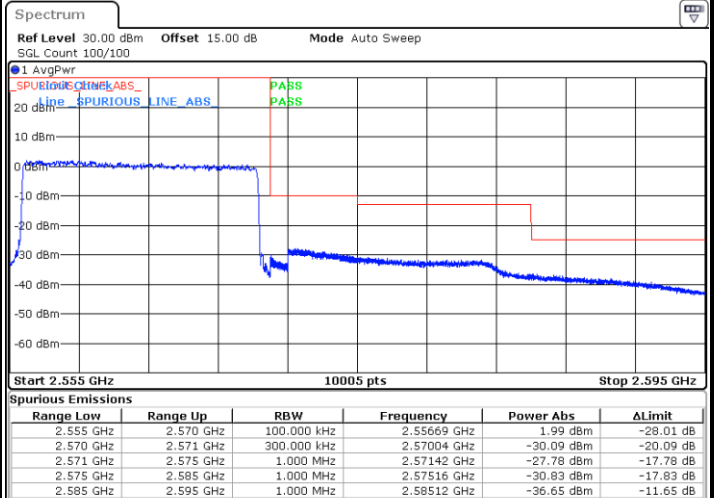
Date: 27.OCT.2023 23:57:50

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:52:53

Highest Band Edge / Full RB

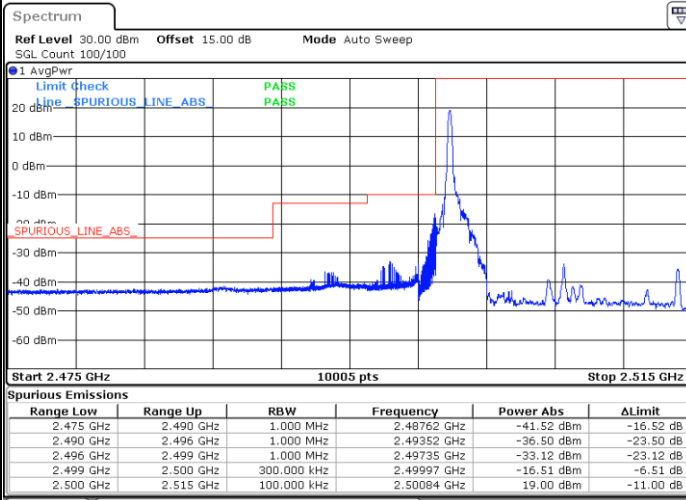


Date: 27.OCT.2023 23:59:21



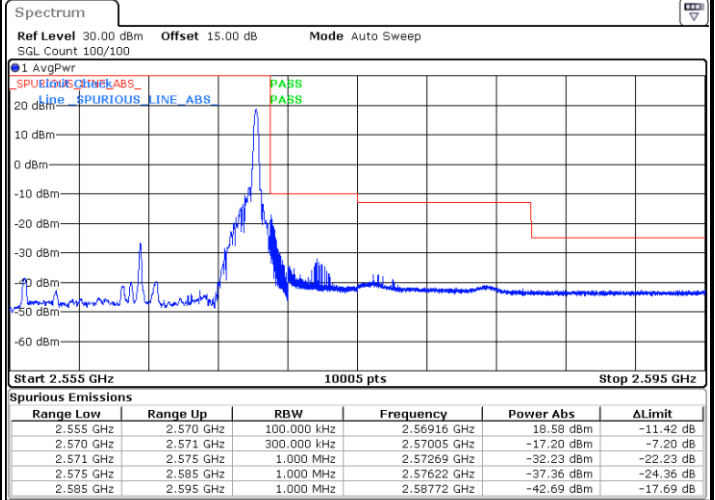
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



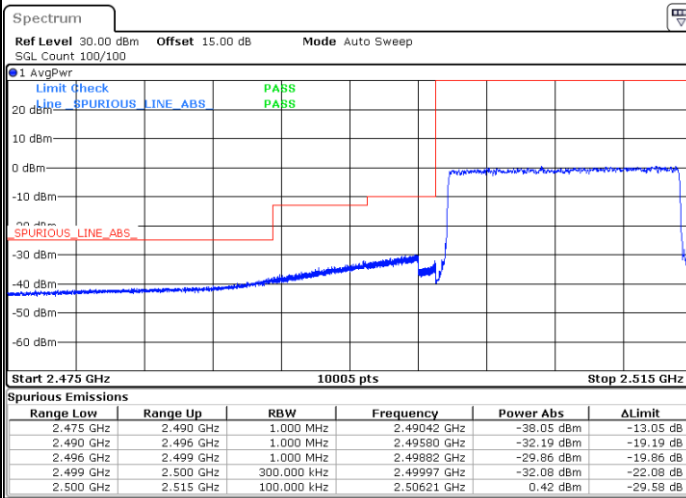
Date: 27.OCT.2023 23:51:52

Highest Band Edge / 1 RB



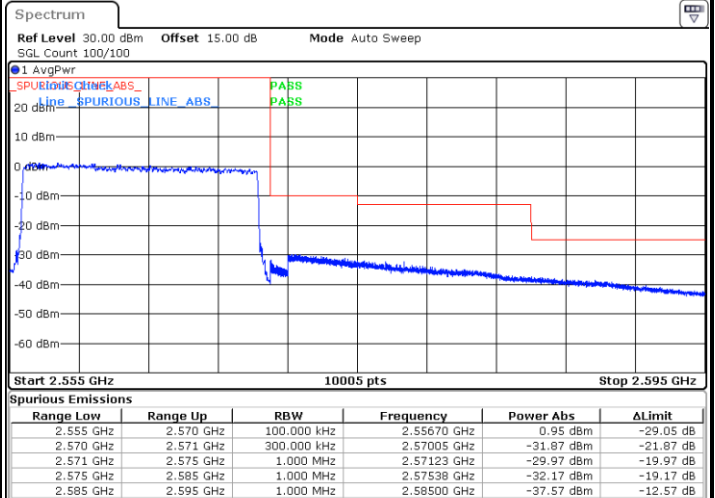
Date: 27.OCT.2023 23:58:20

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:53:23

Highest Band Edge / Full RB

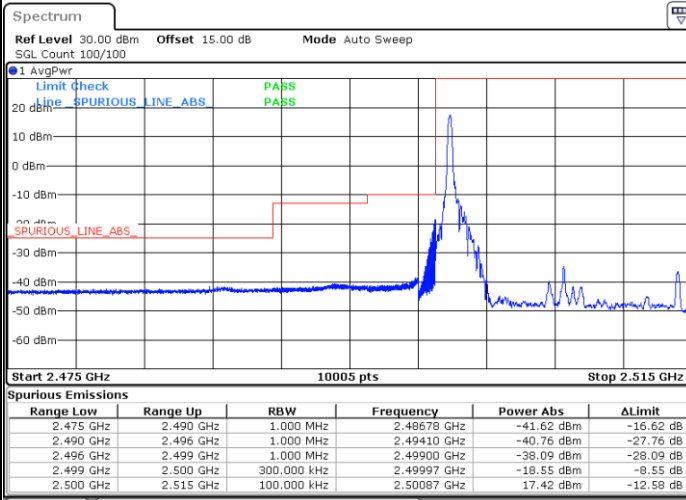


Date: 27.OCT.2023 23:59:51



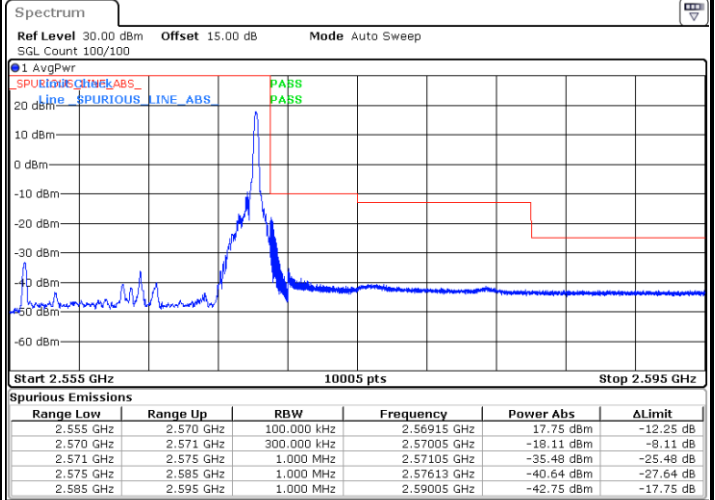
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



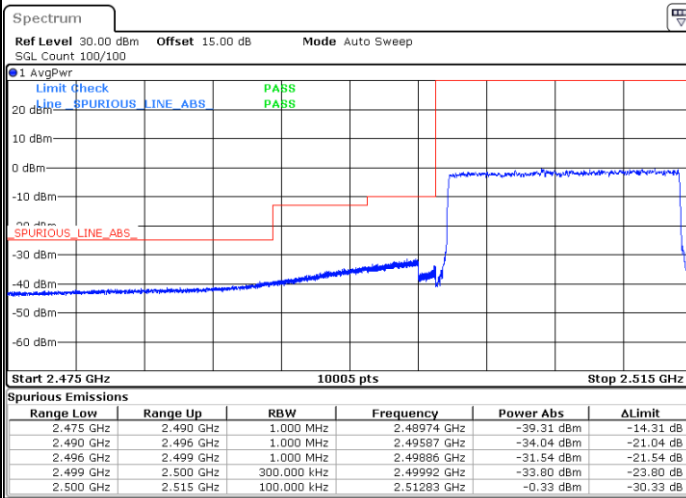
Date: 27.OCT.2023 23:52:22

Highest Band Edge / 1 RB



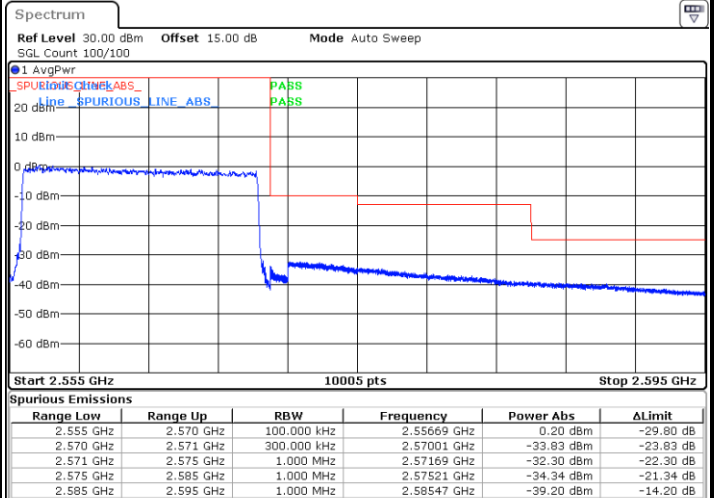
Date: 27.OCT.2023 23:58:51

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:53:54

Highest Band Edge / Full RB

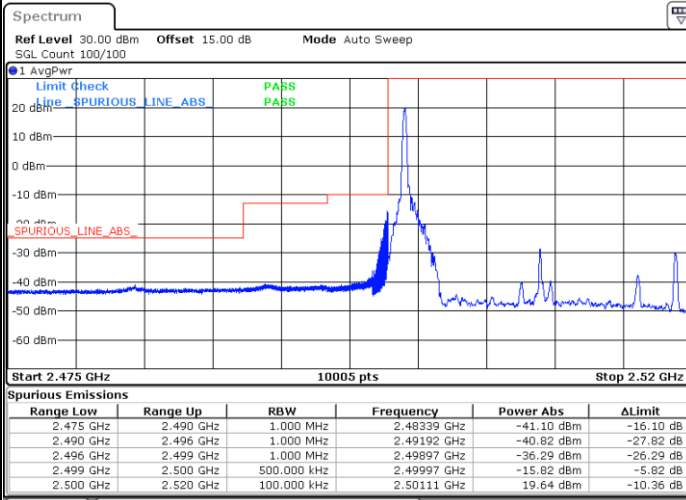


Date: 28.OCT.2023 00:00:21



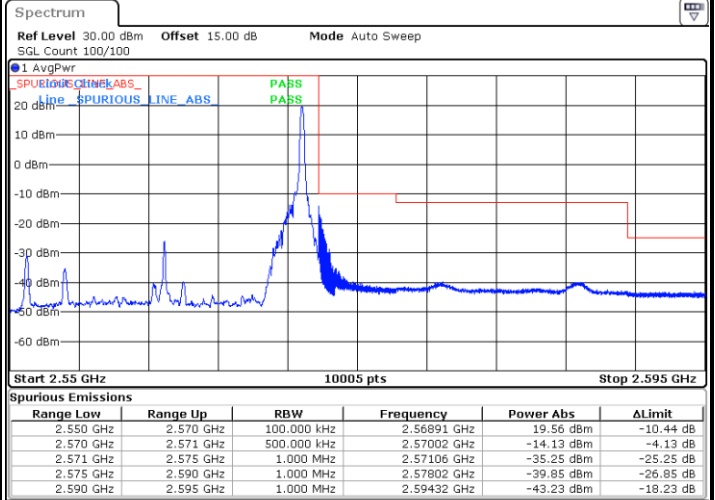
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



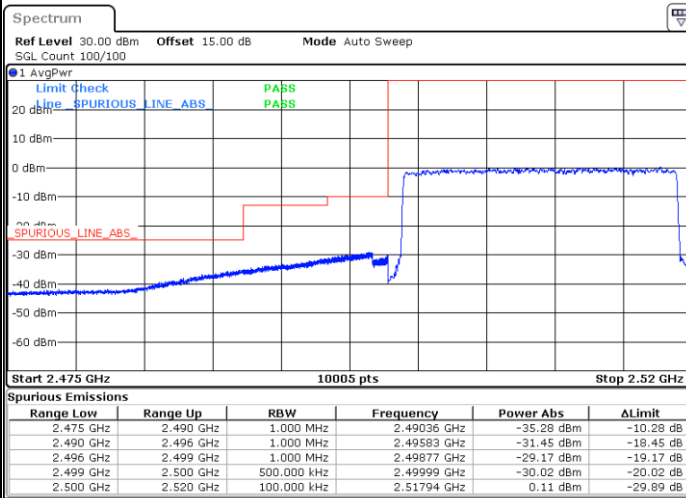
Date: 28.OCT.2023 00:02:39

Highest Band Edge / 1 RB



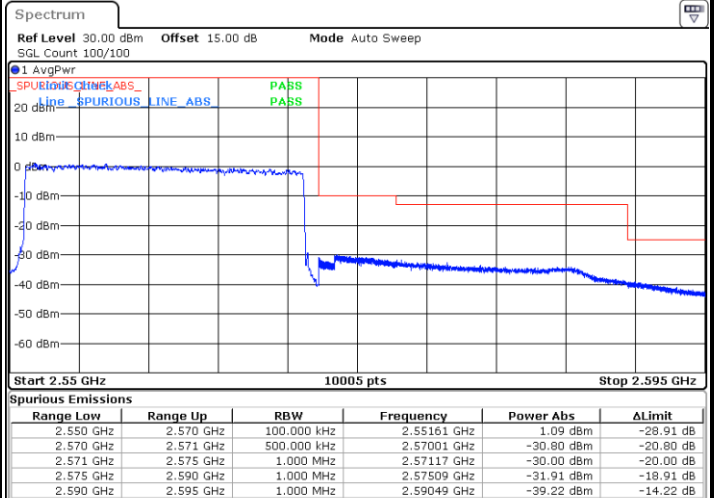
Date: 28.OCT.2023 00:10:28

Lowest Band Edge / Full RB



Date: 28.OCT.2023 00:04:10

Highest Band Edge / Full RB

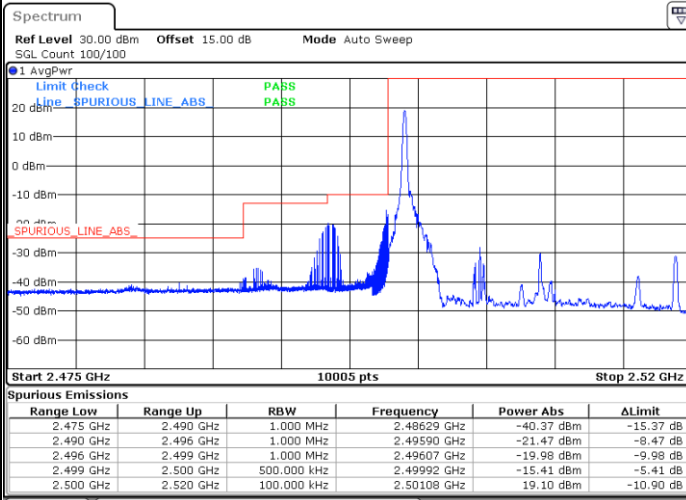


Date: 28.OCT.2023 00:11:59



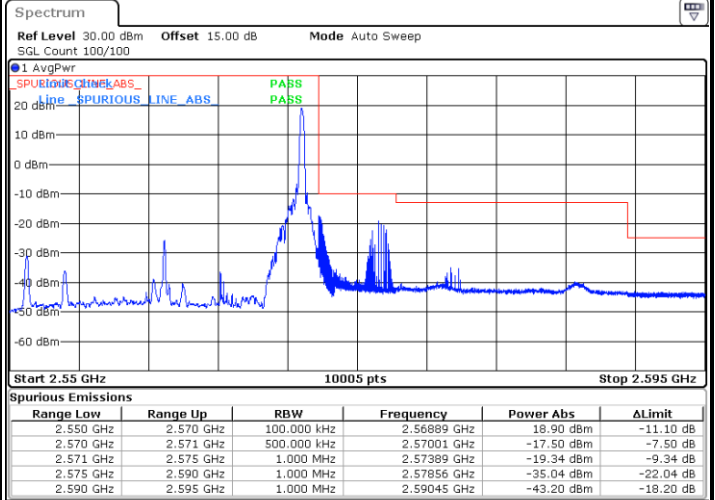
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



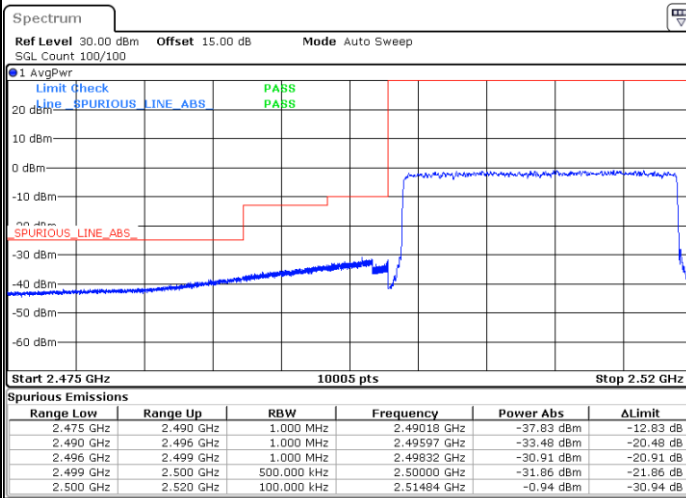
Date: 28.OCT.2023 00:03:09

Highest Band Edge / 1 RB



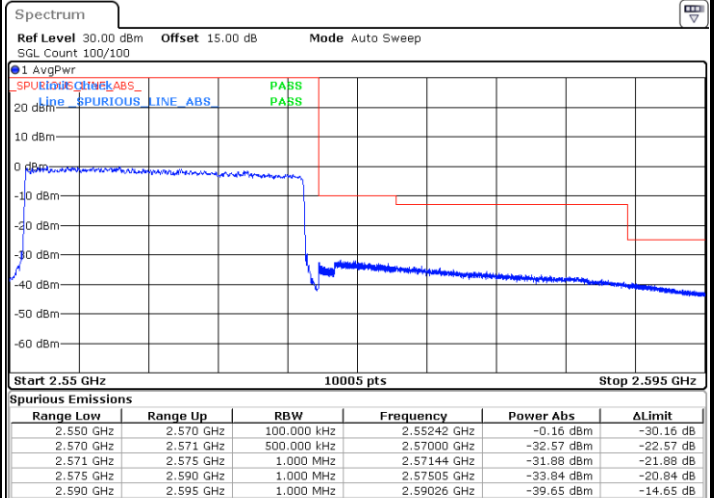
Date: 28.OCT.2023 00:10:58

Lowest Band Edge / Full RB



Date: 28.OCT.2023 00:04:41

Highest Band Edge / Full RB

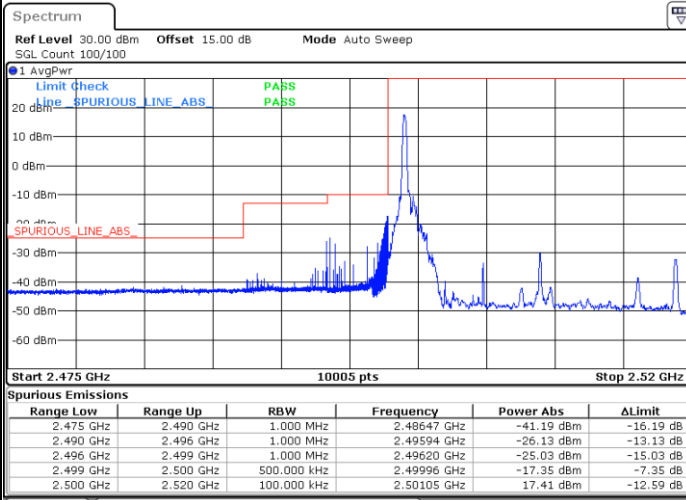


Date: 28.OCT.2023 00:12:29



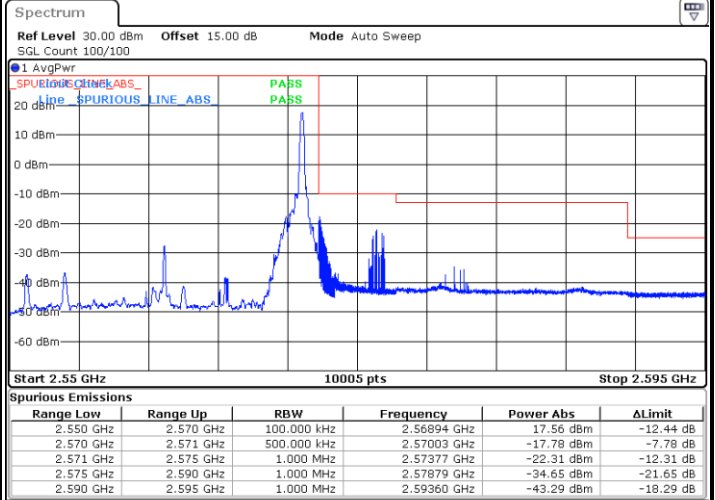
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



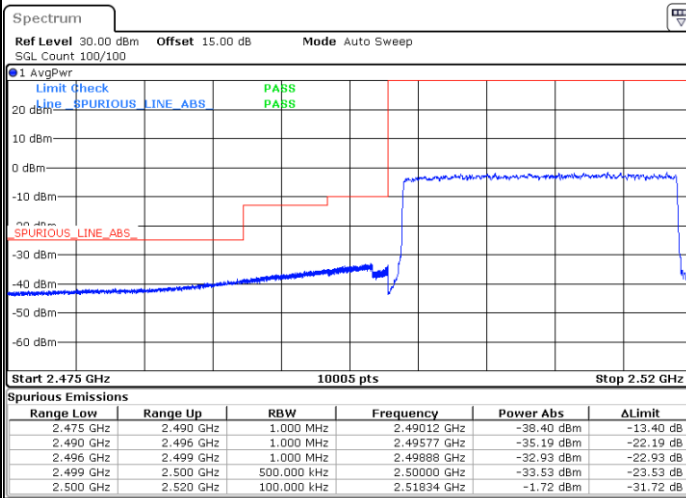
Date: 28.OCT.2023 00:03:40

Highest Band Edge / 1 RB



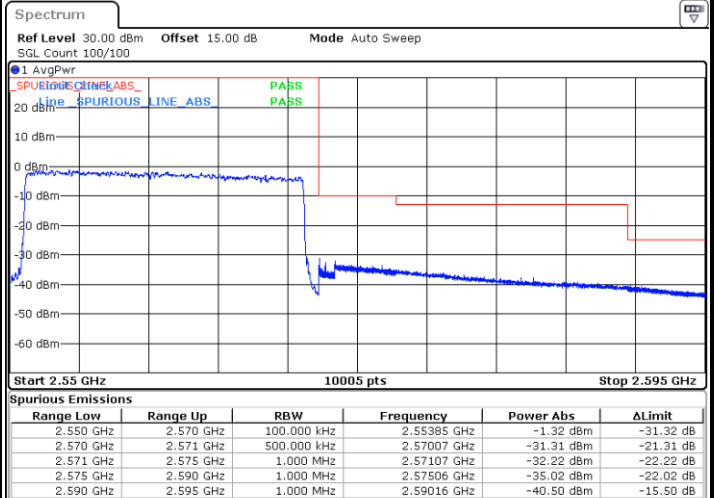
Date: 28.OCT.2023 00:11:28

Lowest Band Edge / Full RB



Date: 28.OCT.2023 00:05:11

Highest Band Edge / Full RB



Date: 28.OCT.2023 00:12:59

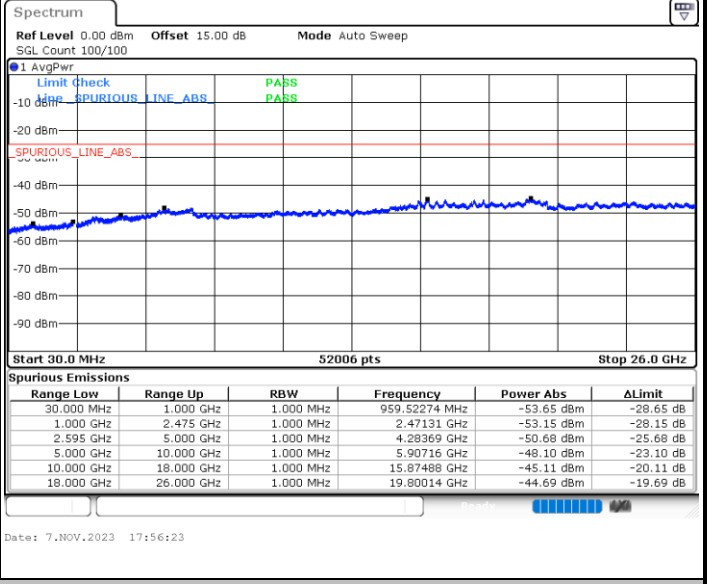
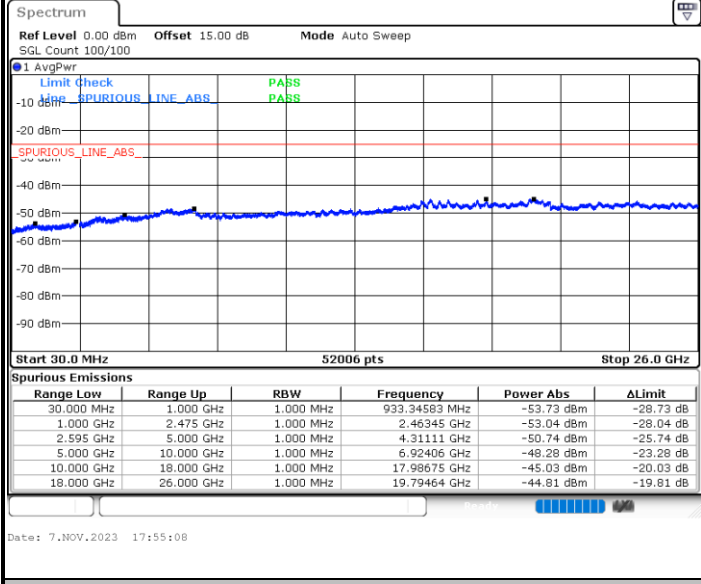


# Conducted Spurious Emission

## LTE Band 7 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

