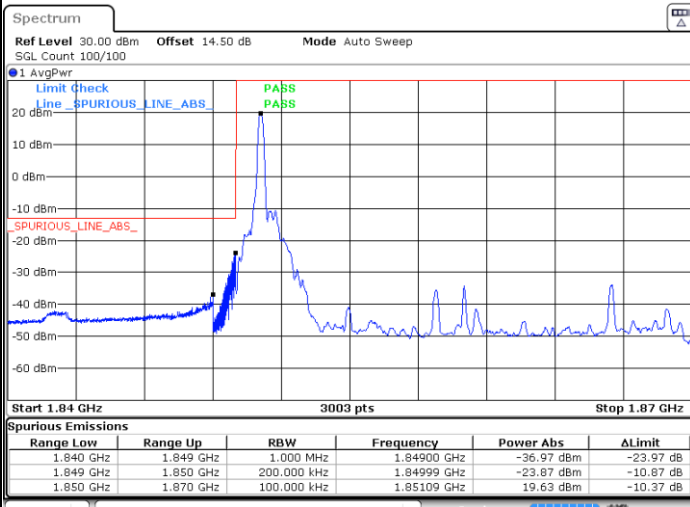




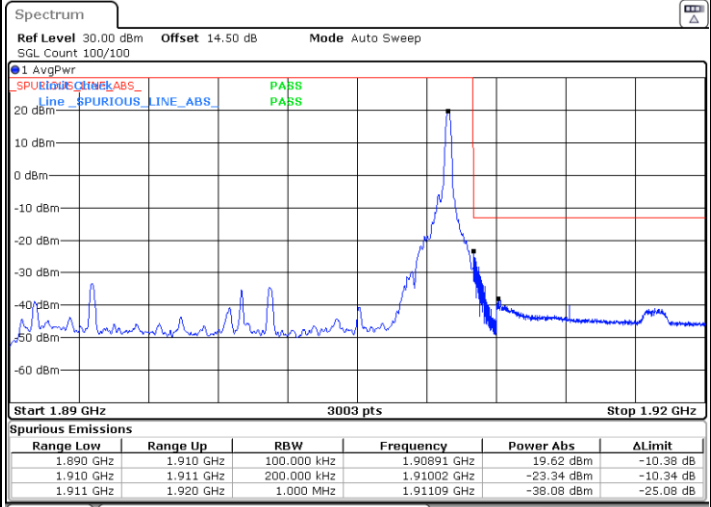
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1RB



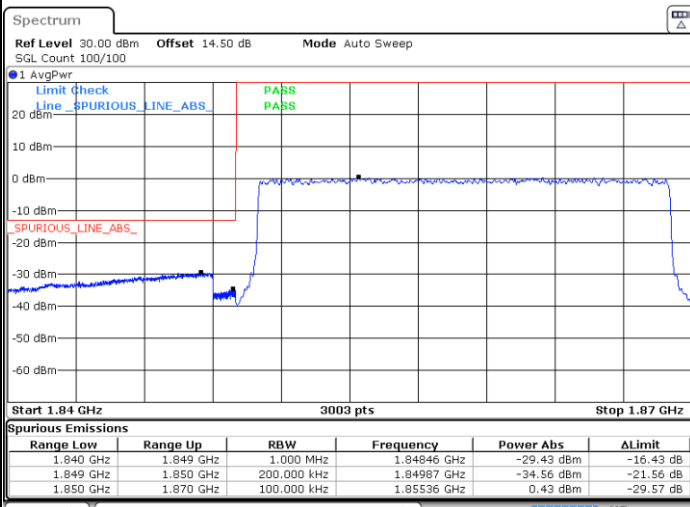
Date: 4 MAR 2025 11:49:37

Highest Band Edge / 1RB



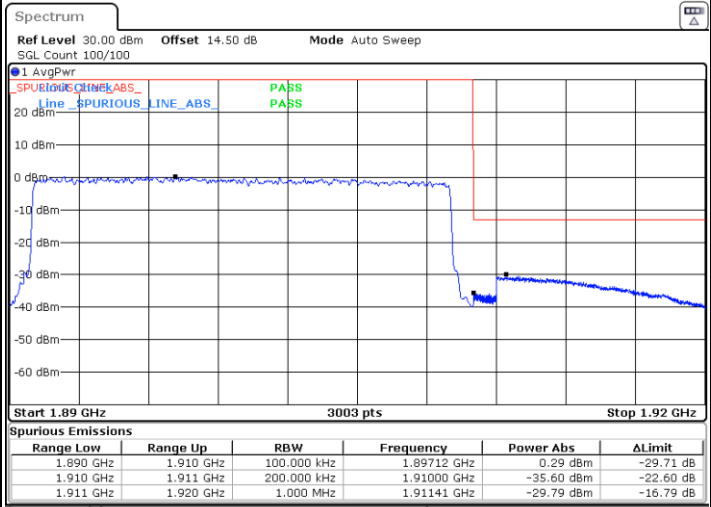
Date: 4 MAR 2025 11:57:59

Lowest Band Edge / Full RB



Date: 4 MAR 2025 11:51:26

Highest Band Edge / Full RB

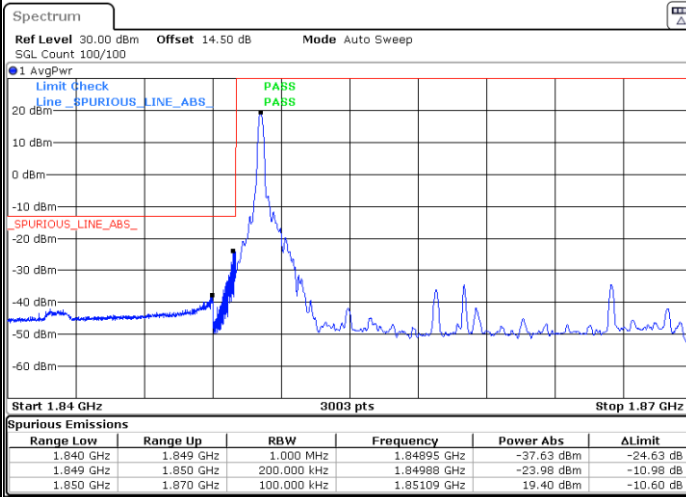


Date: 4 MAR 2025 11:59:48



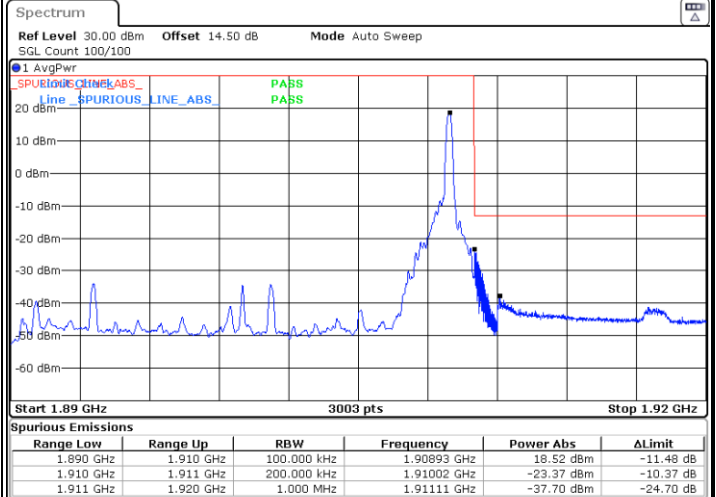
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



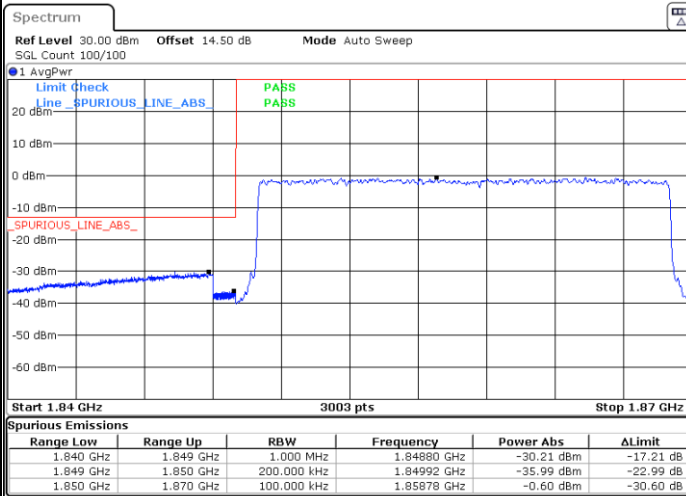
Date: 4 MAR 2025 11:50:14

Highest Band Edge / 1 RB



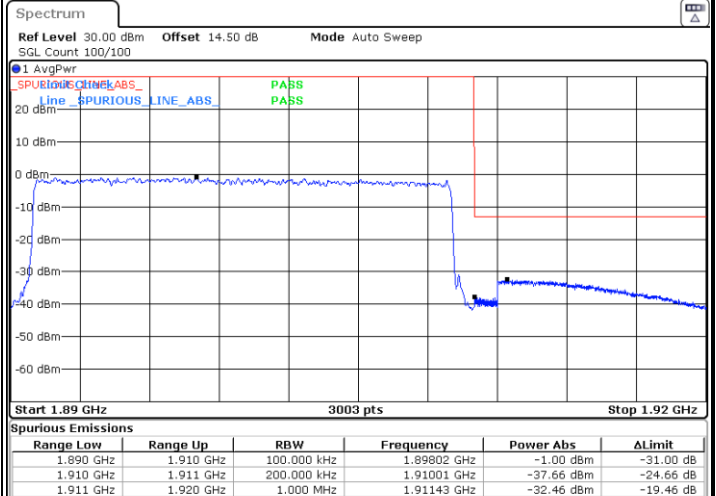
Date: 4 MAR 2025 11:58:36

Lowest Band Edge / Full RB



Date: 4 MAR 2025 11:52:03

Highest Band Edge / Full RB

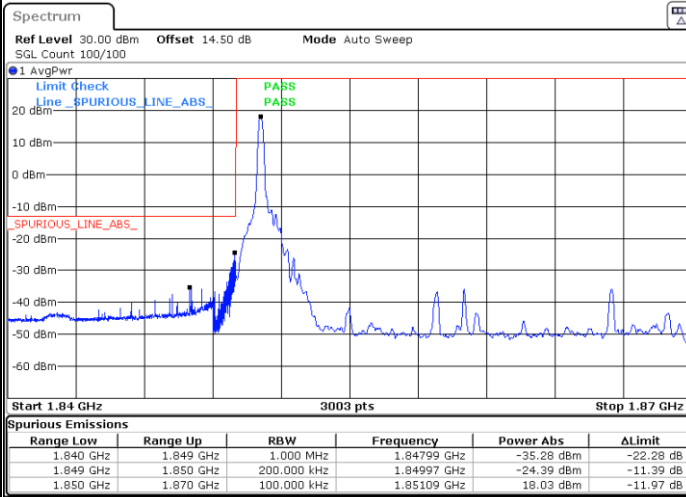


Date: 4 MAR 2025 12:00:24



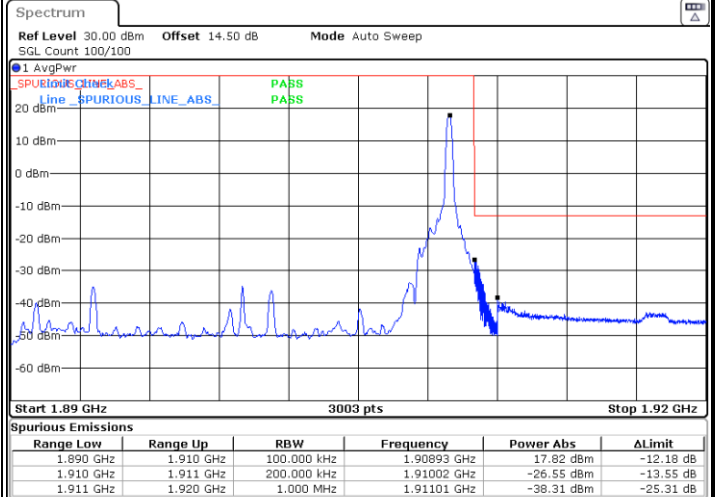
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



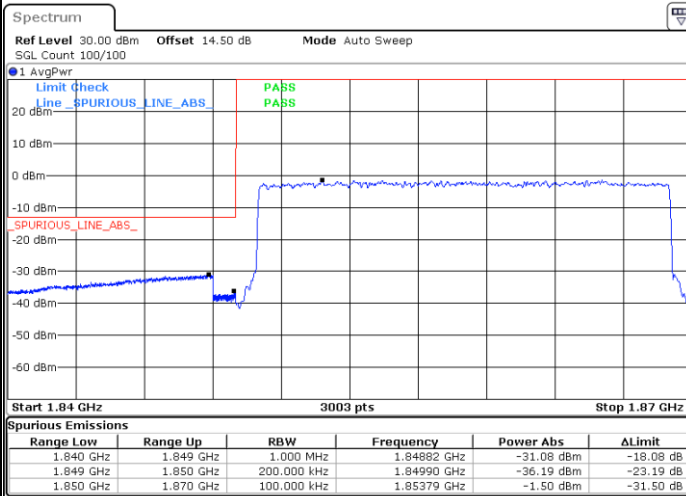
Date: 4 MAR 2025 11:50:50

Highest Band Edge / 1 RB



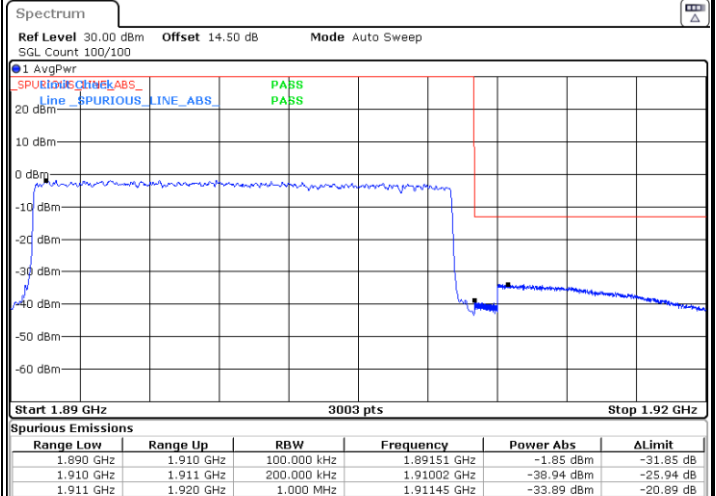
Date: 4 MAR 2025 11:59:12

Lowest Band Edge / Full RB



Date: 4.MAR.2025 14:04:49

Highest Band Edge / Full RB



Date: 4 MAR 2025 12:01:00

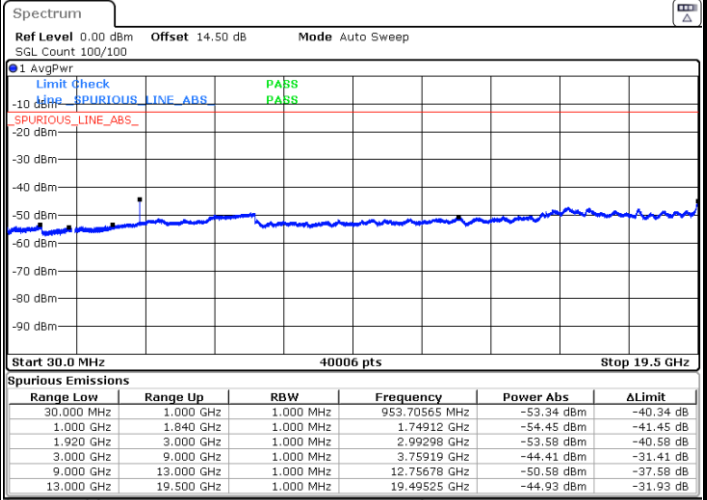
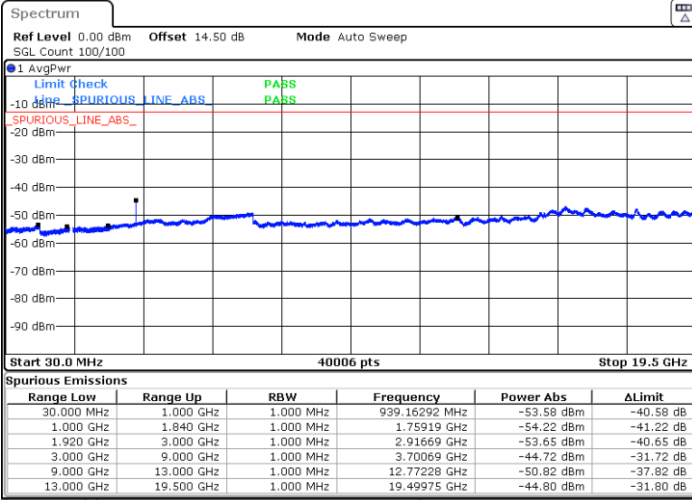


# Conducted Spurious Emission

## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

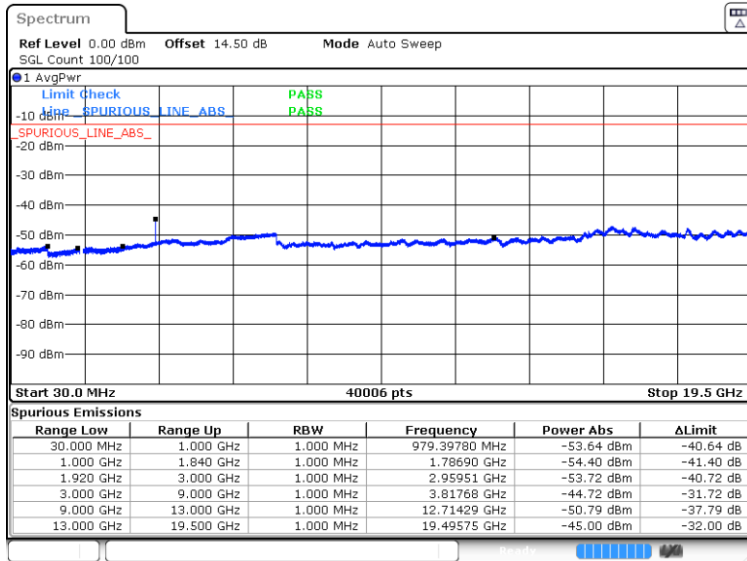
### Middle Channel / QPSK



Date: 4 MAR 2025 10:48:27

Date: 4 MAR 2025 10:51:30

### Highest Channel / QPSK



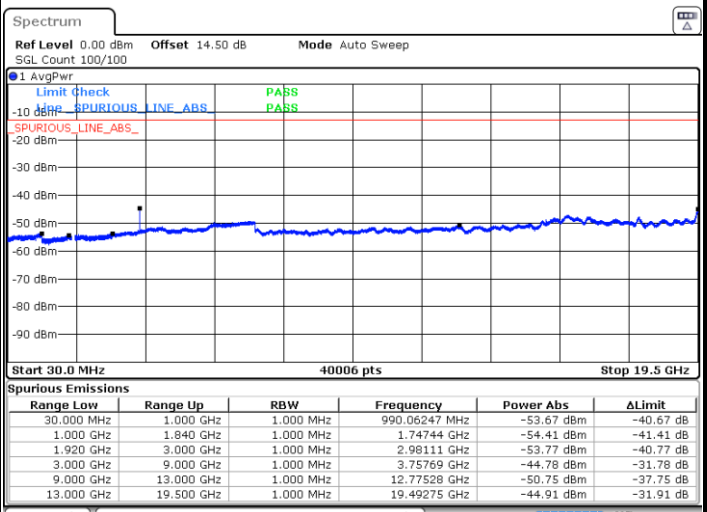
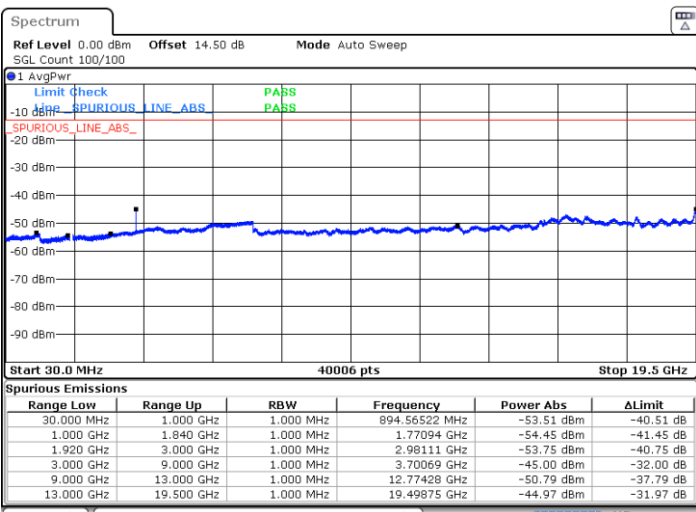
Date: 4 MAR 2025 16:15:12



LTE Band 2 / 3MHz

Lowest Channel / QPSK

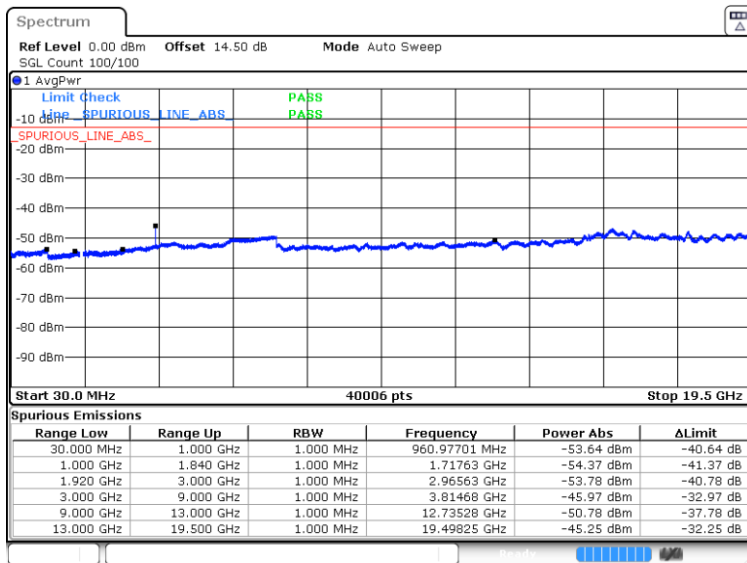
Middle Channel / QPSK



Date: 4 MAR 2025 16:18:19

Date: 4 MAR 2025 16:19:28

Highest Channel / QPSK

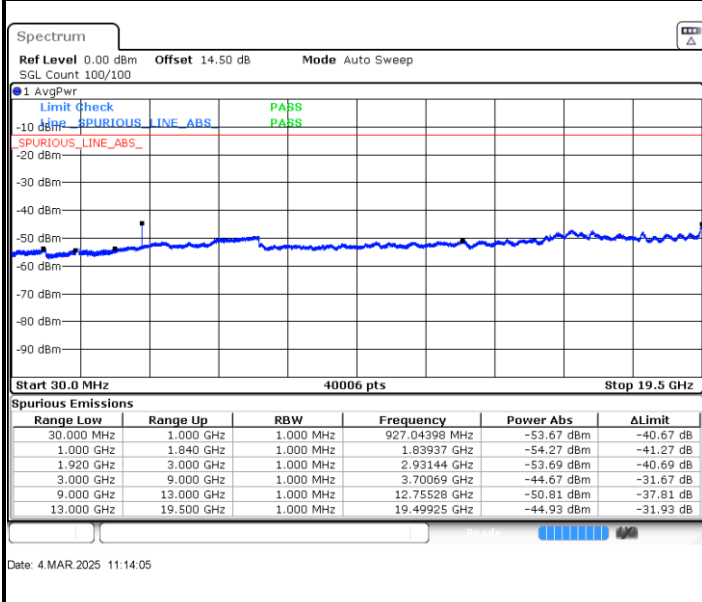


Date: 4 MAR 2025 16:20:37

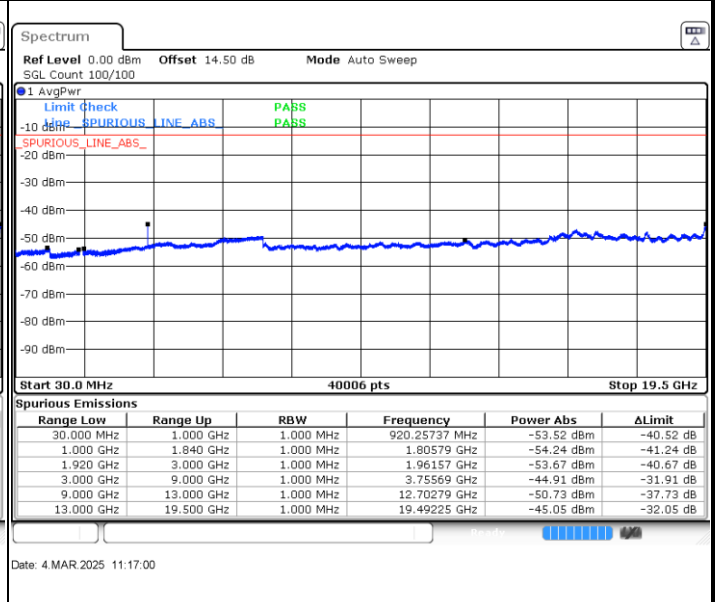


**LTE Band 2 / 5MHz**

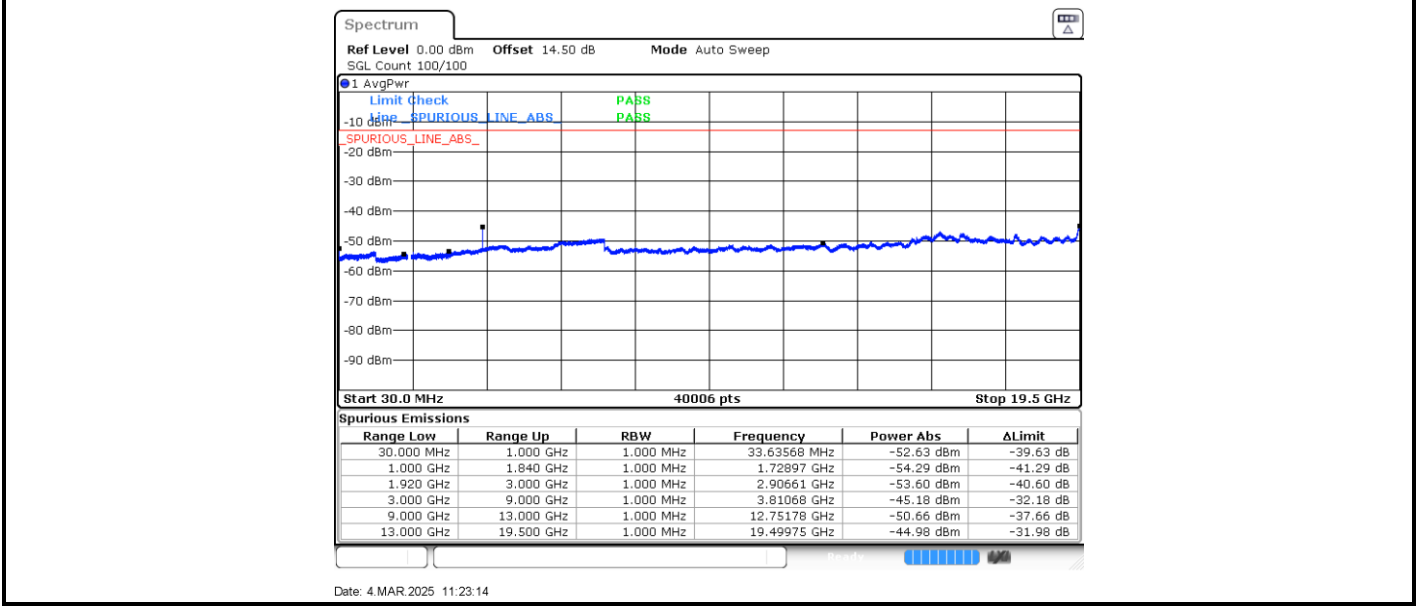
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



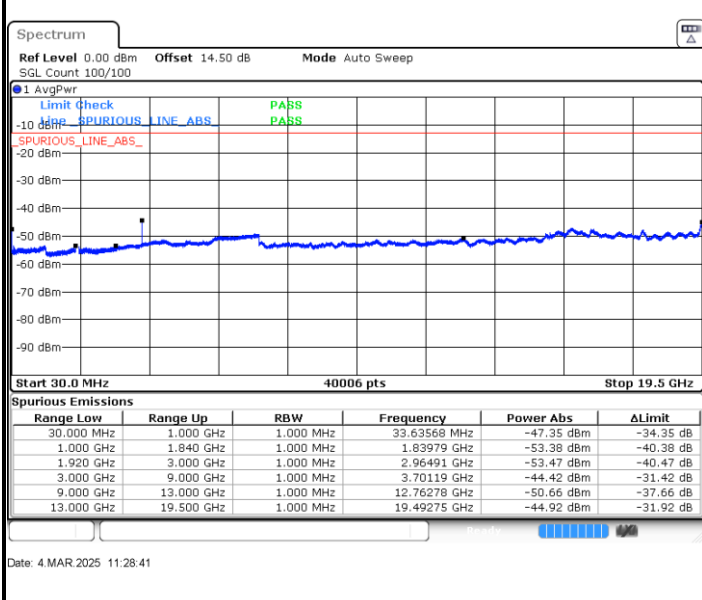
**Highest Channel / QPSK**



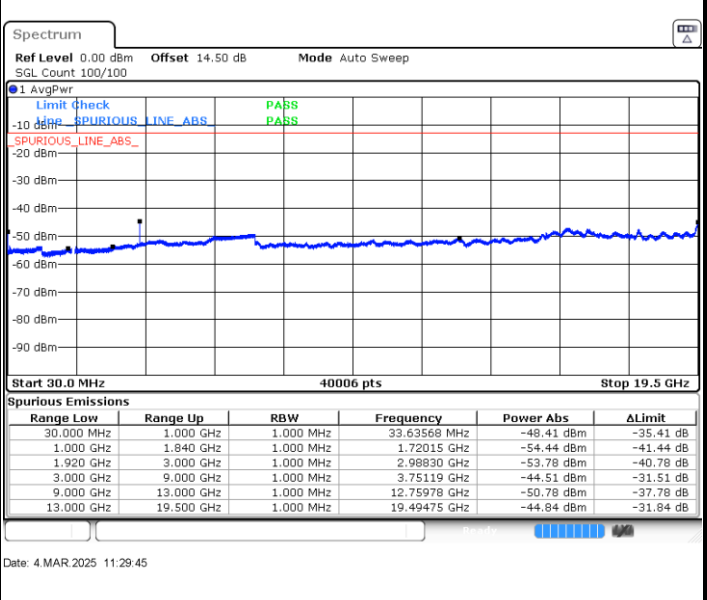


**LTE Band 2 / 10MHz**

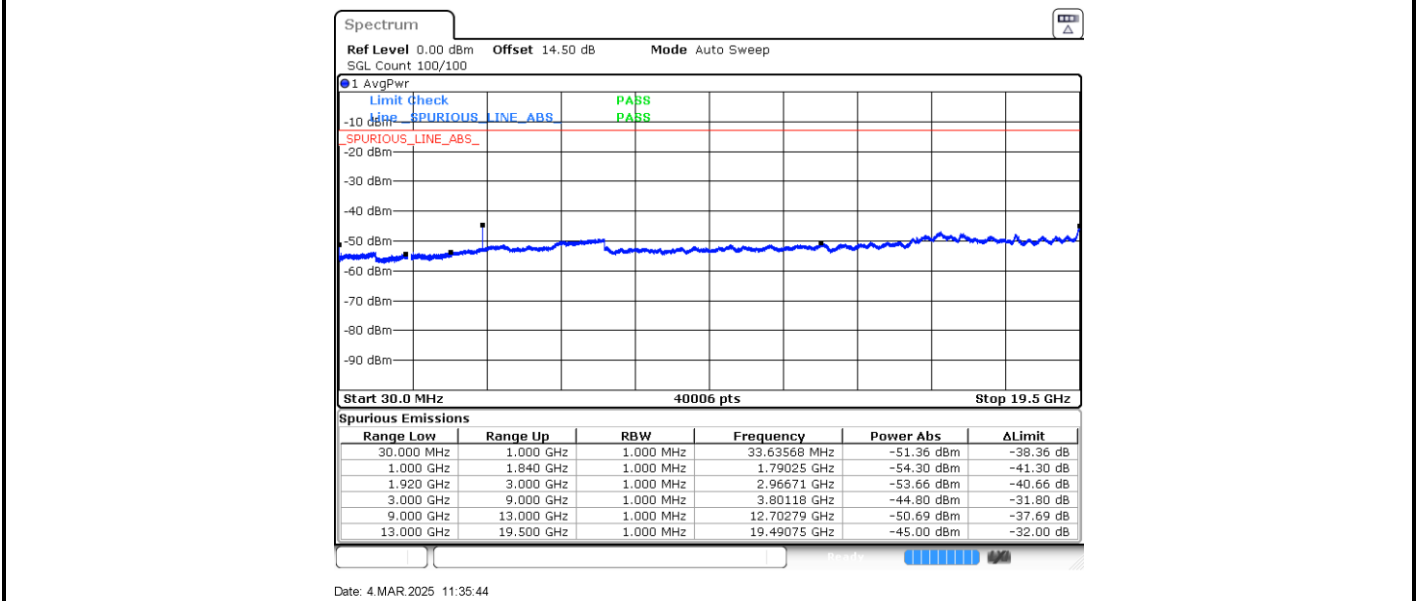
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



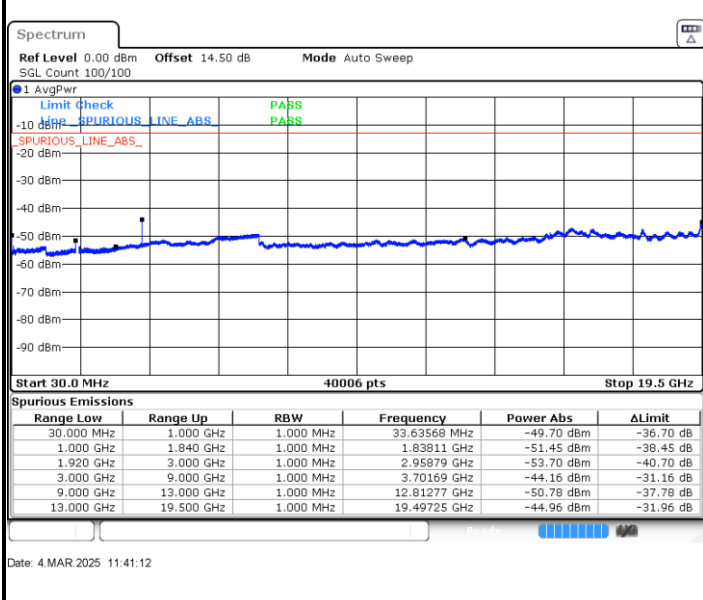
**Highest Channel / QPSK**



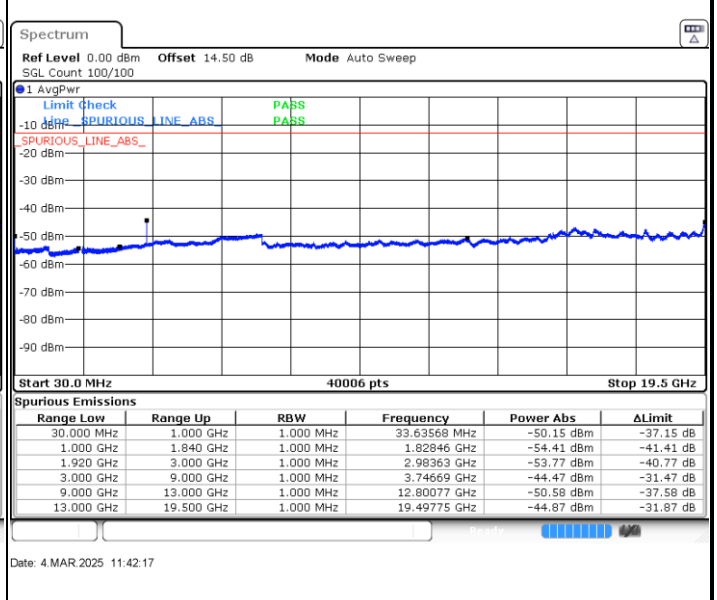


**LTE Band 2 / 15MHz**

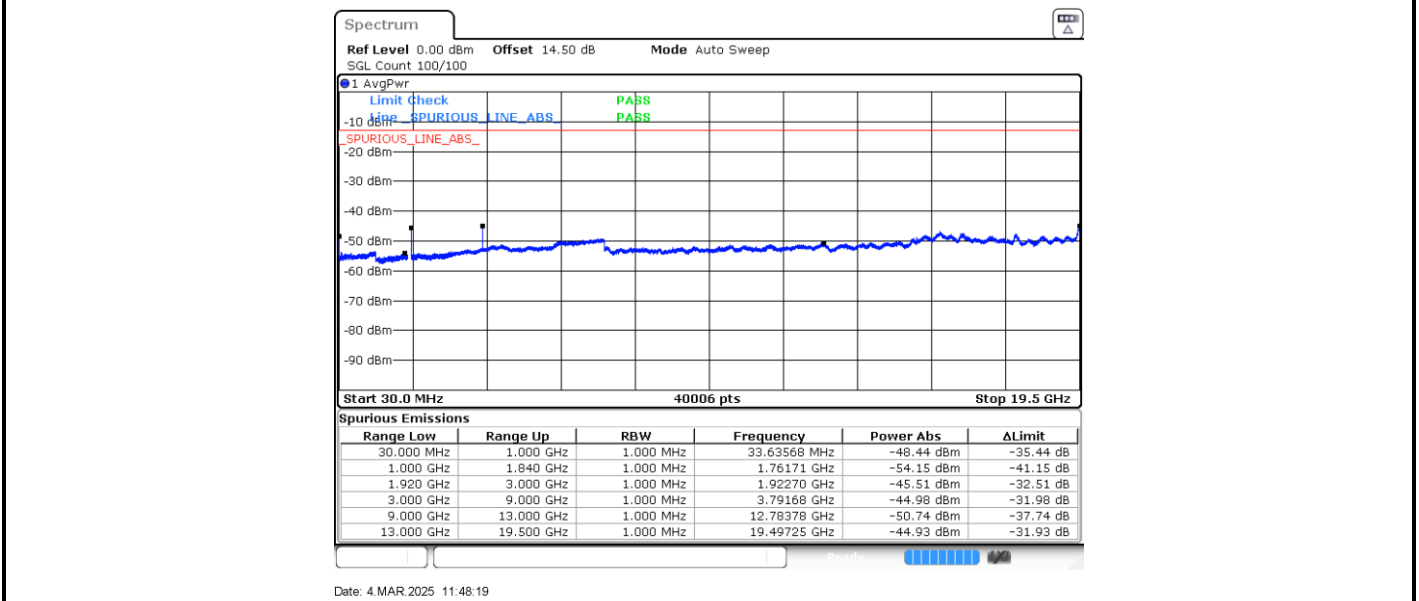
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

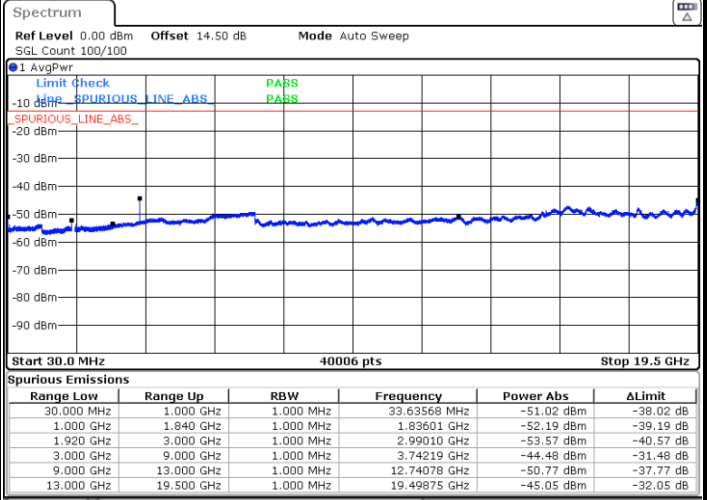
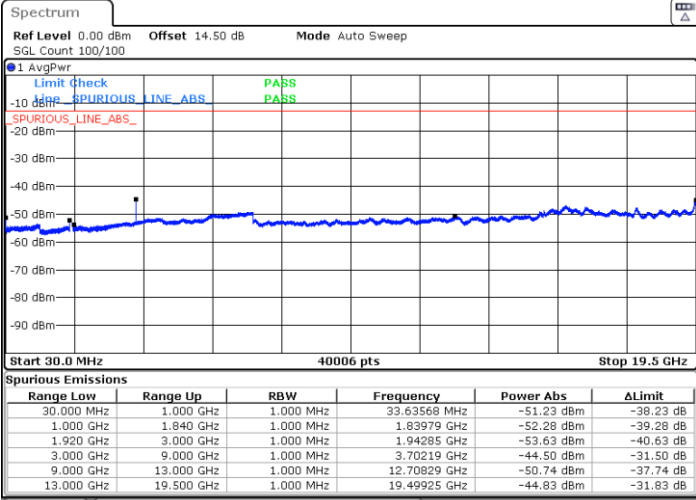




LTE Band 2 / 20MHz

Lowest Channel / QPSK

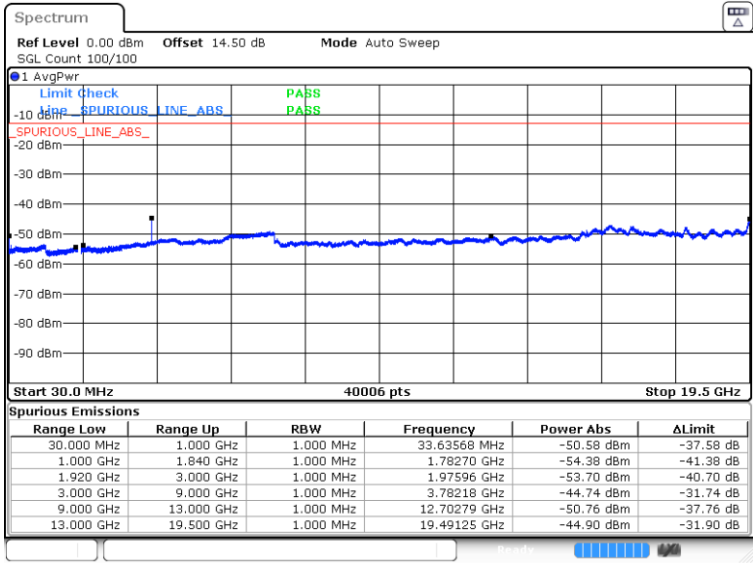
Middle Channel / QPSK



Date: 4 MAR 2025 11:53:42

Date: 4 MAR 2025 11:54:45

Highest Channel / QPSK



Date: 4 MAR 2025 12:02:04



### 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	0.0000	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

**Note:**

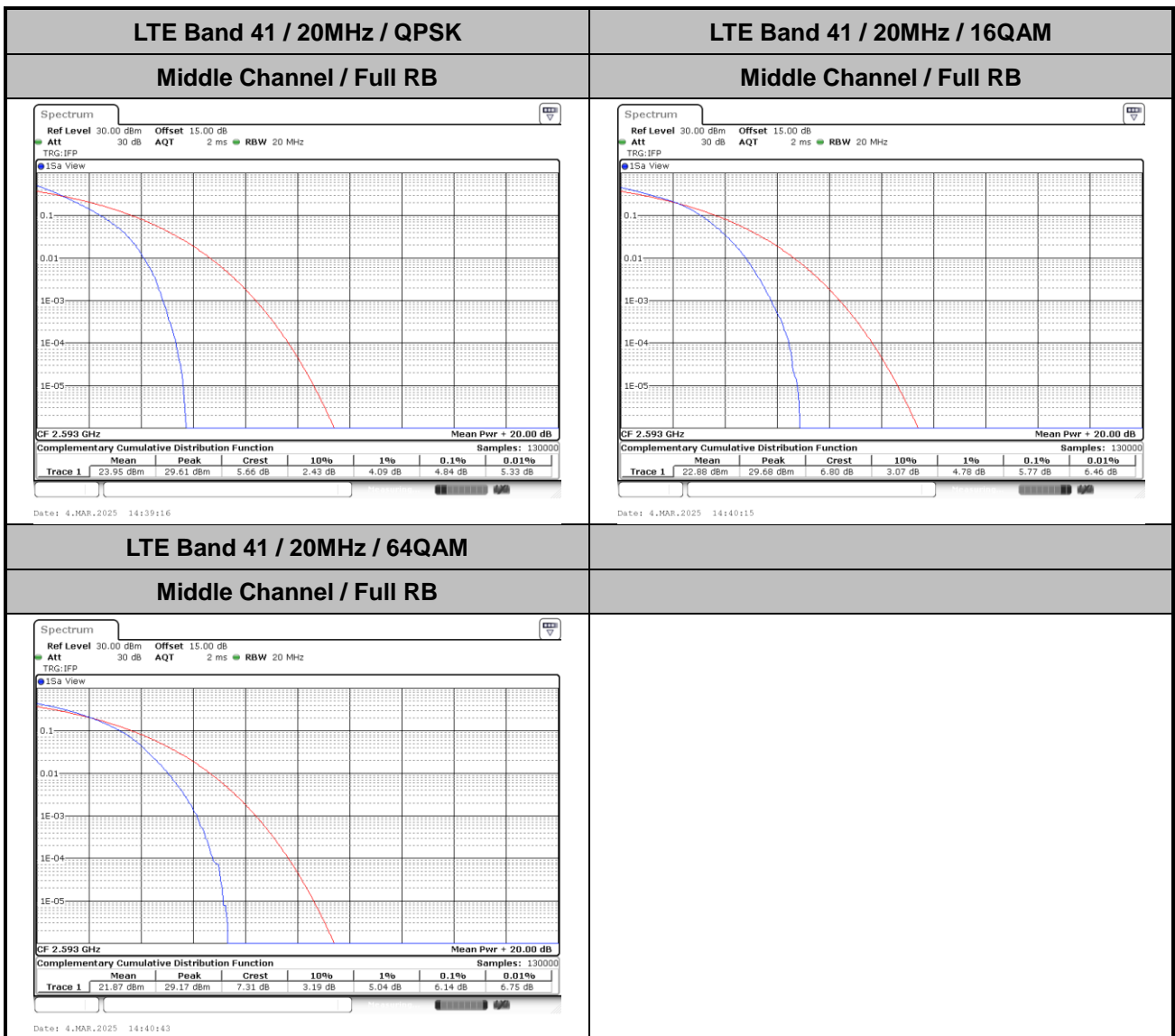
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41

## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.84	5.77	6.14	PASS





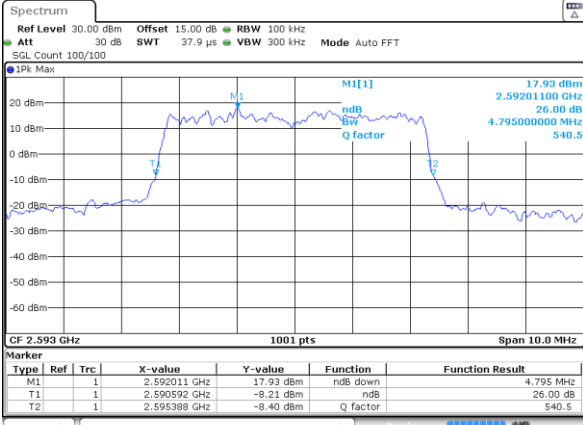
## 26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.80	4.82	9.65	9.65	14.24	14.15	18.98	18.90



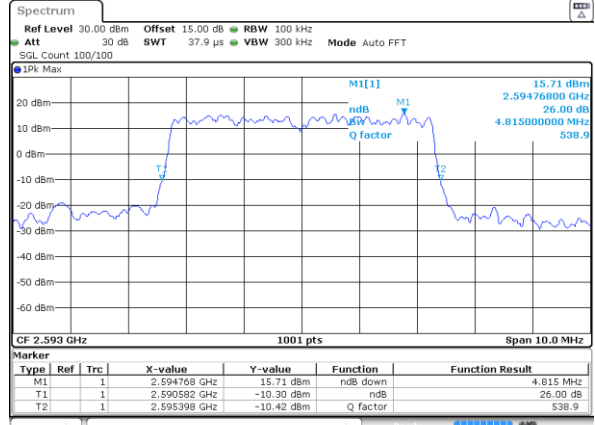
LTE Band 41

Middle Channel / 5MHz / QPSK



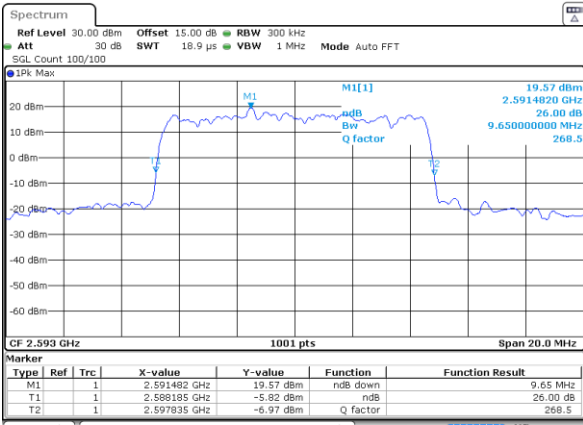
Date: 4 MAR 2025 13:22:41

Middle Channel / 5MHz / 16QAM



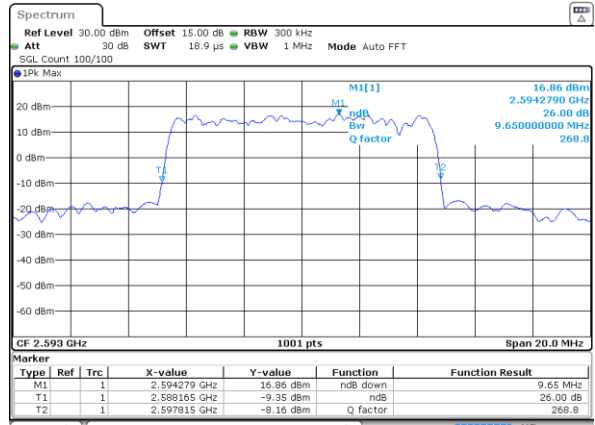
Date: 4 MAR 2025 13:23:21

Middle Channel / 10MHz / QPSK



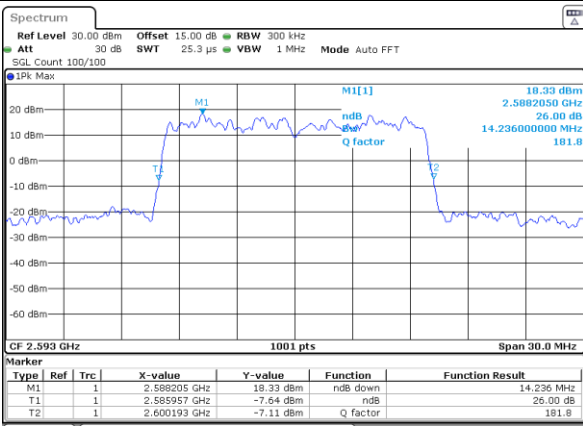
Date: 4 MAR 2025 13:41:50

Middle Channel / 10MHz / 16QAM



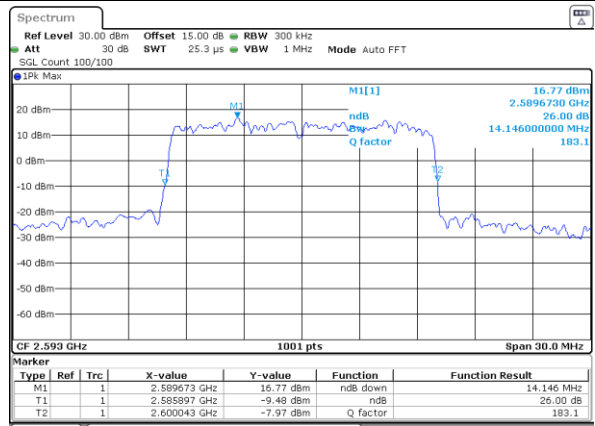
Date: 4 MAR 2025 13:42:30

Middle Channel / 15MHz / QPSK



Date: 4 MAR 2025 13:59:27

Middle Channel / 15MHz / 16QAM

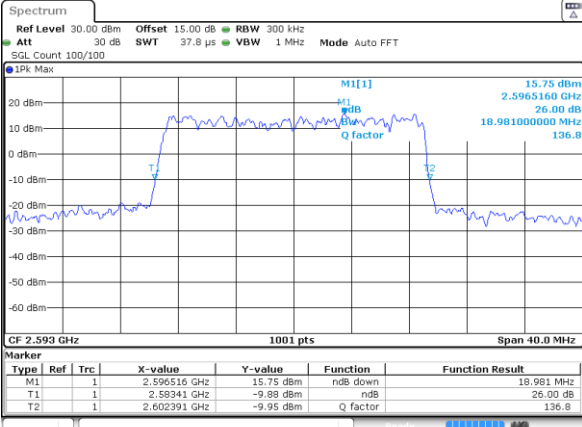


Date: 4 MAR 2025 14:00:07



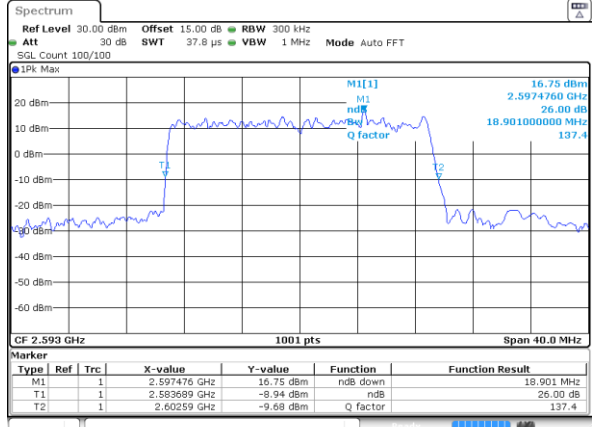
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 4 MAR 2025 14:17:16

Middle Channel / 20MHz / 16QAM



Date: 4 MAR 2025 14:17:56



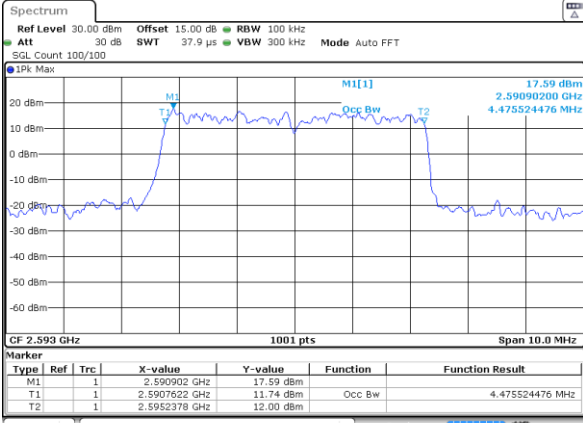
### Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.49	9.01	9.05	13.46	13.43	17.90	17.78



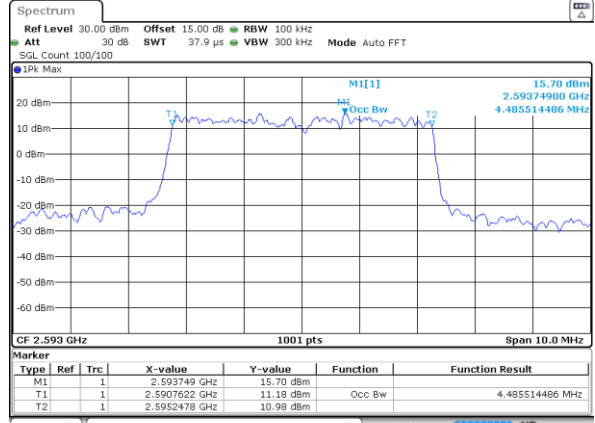
LTE Band 41

Middle Channel / 5MHz / QPSK



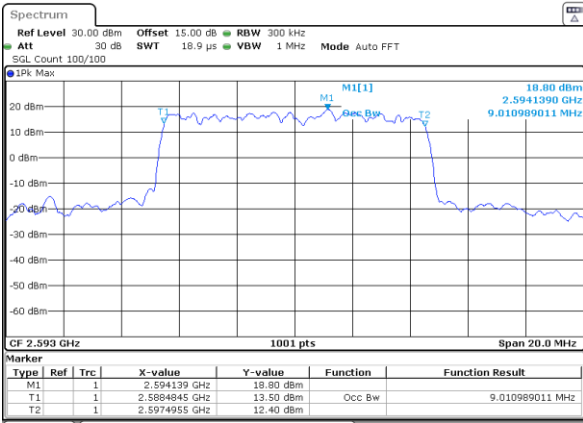
Date: 4 MAR 2025 13:22:27

Middle Channel / 5MHz / 16QAM



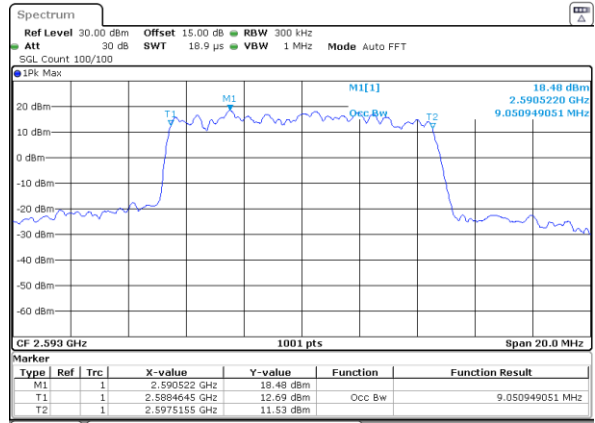
Date: 4 MAR 2025 13:23:07

Middle Channel / 10MHz / QPSK



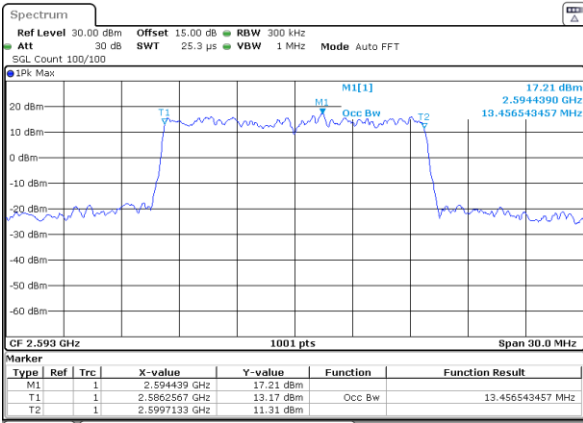
Date: 4 MAR 2025 13:41:36

Middle Channel / 10MHz / 16QAM



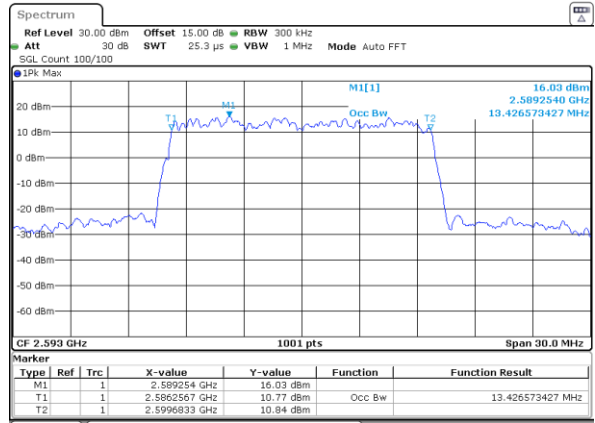
Date: 4 MAR 2025 13:42:16

Middle Channel / 15MHz / QPSK



Date: 4 MAR 2025 13:59:13

Middle Channel / 15MHz / 16QAM

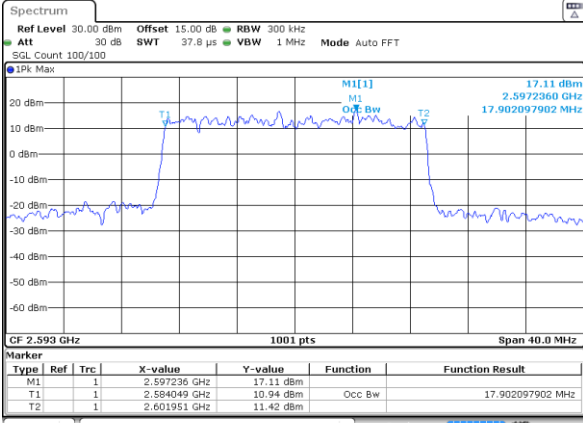


Date: 4 MAR 2025 13:59:53



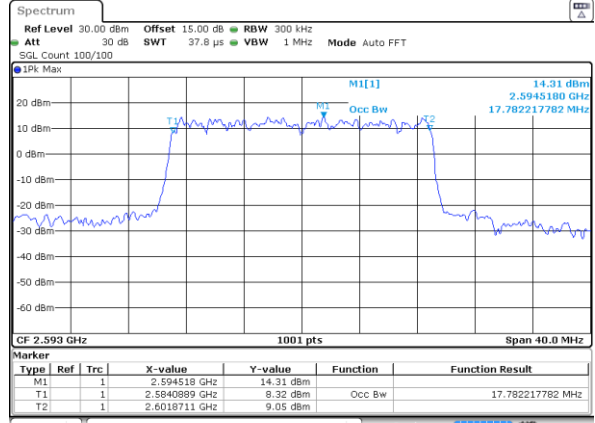
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 4 MAR 2025 14:39:35

Middle Channel / 20MHz / 16QAM



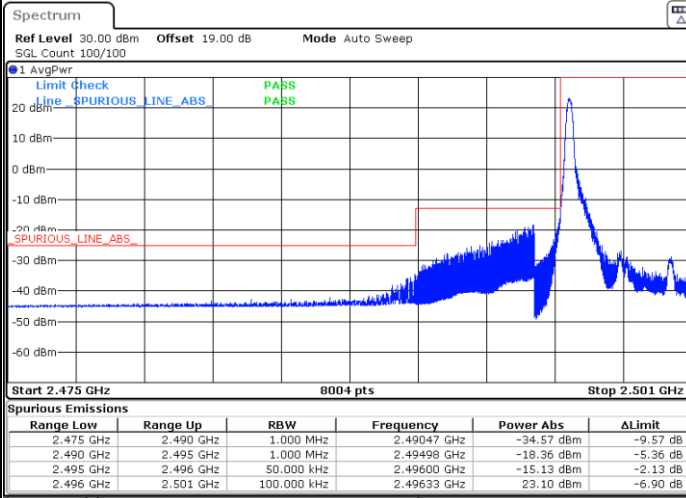
Date: 4 MAR 2025 14:40:28



# Conducted Band Edge

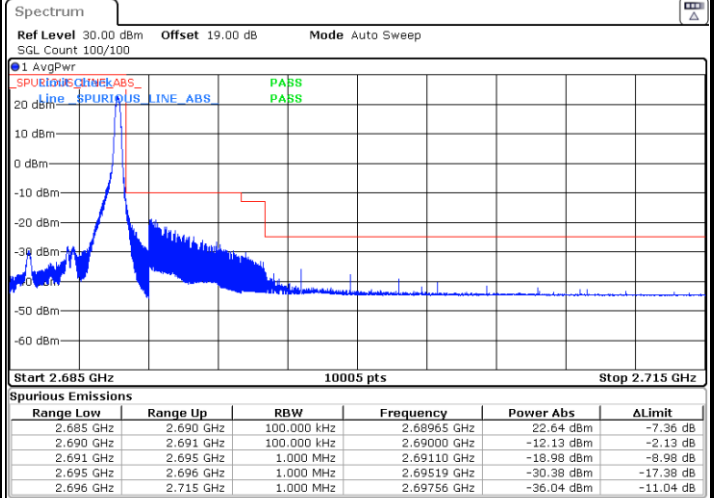
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



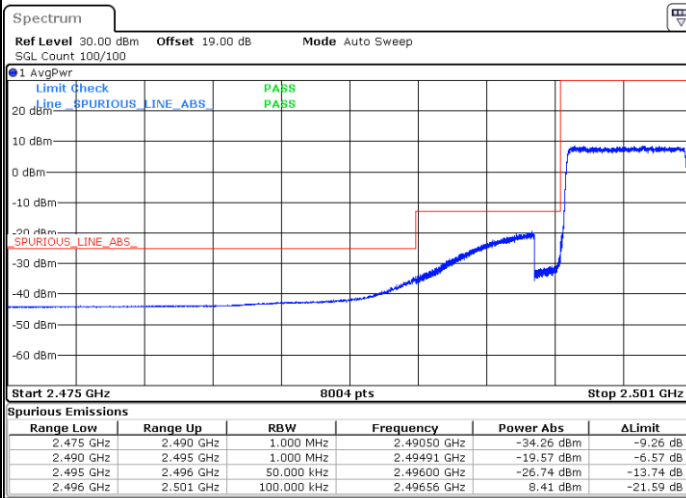
Date: 4 MAR 2025 13:14:19

### Highest Band Edge / 1 RB



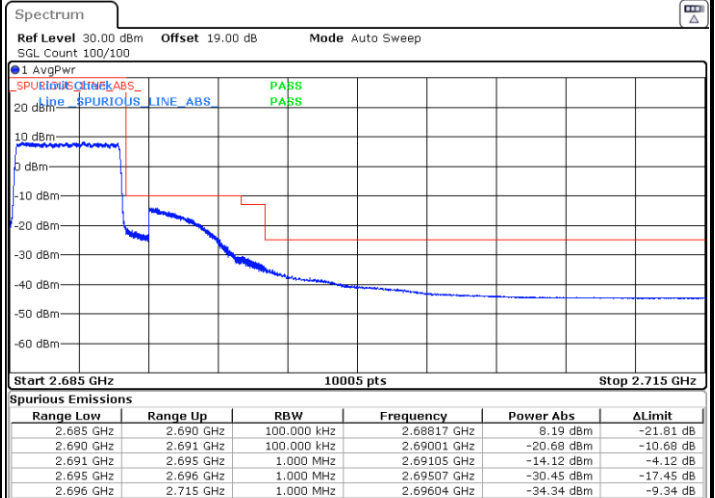
Date: 4 MAR 2025 16:05:03

### Lowest Band Edge / Full RB



Date: 5.MAR.2025 14:44:24

### Highest Band Edge / Full RB

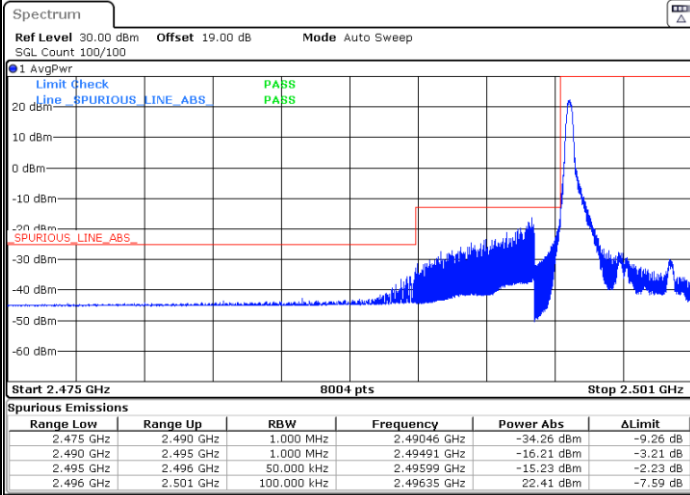


Date: 4 MAR 2025 15:58:08



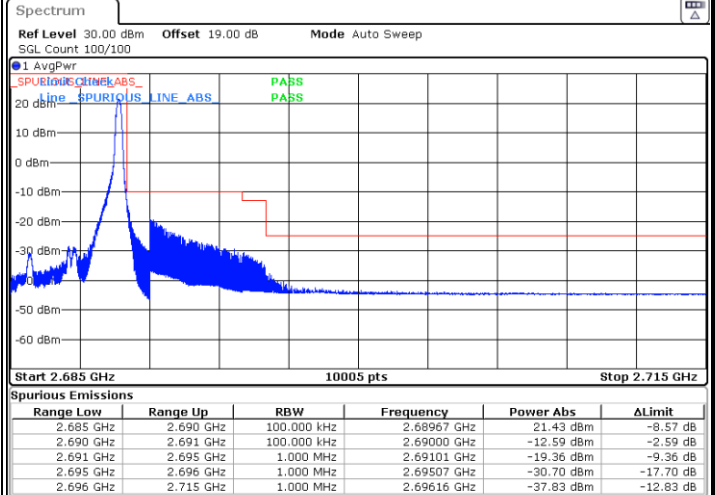
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



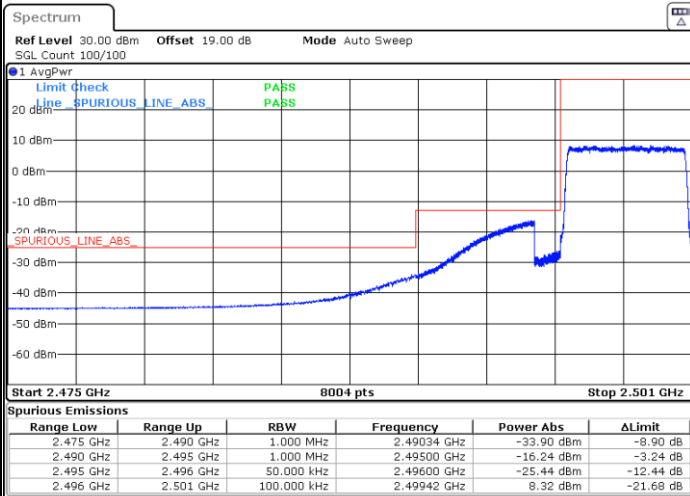
Date: 4 MAR 2025 13:15:22

Highest Band Edge / 1 RB



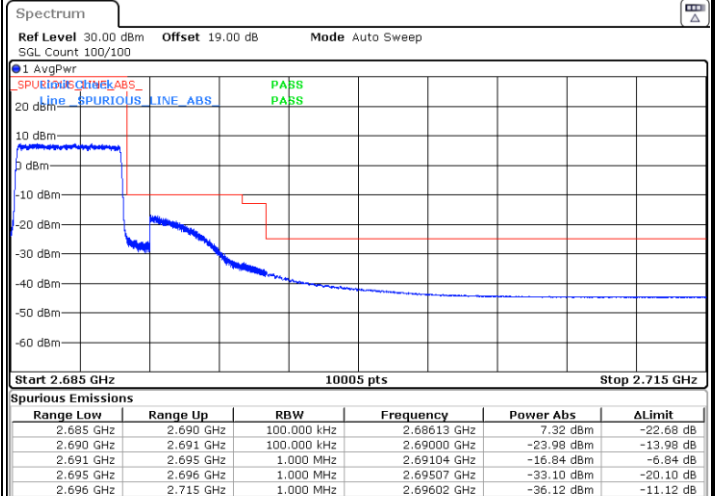
Date: 4 MAR 2025 16:03:38

Lowest Band Edge / Full RB



Date: 4 MAR 2025 13:18:31

Highest Band Edge / Full RB

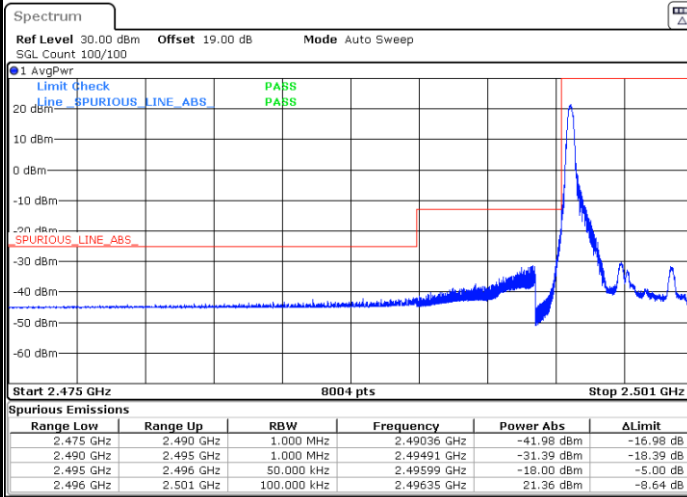


Date: 4 MAR 2025 15:56:45



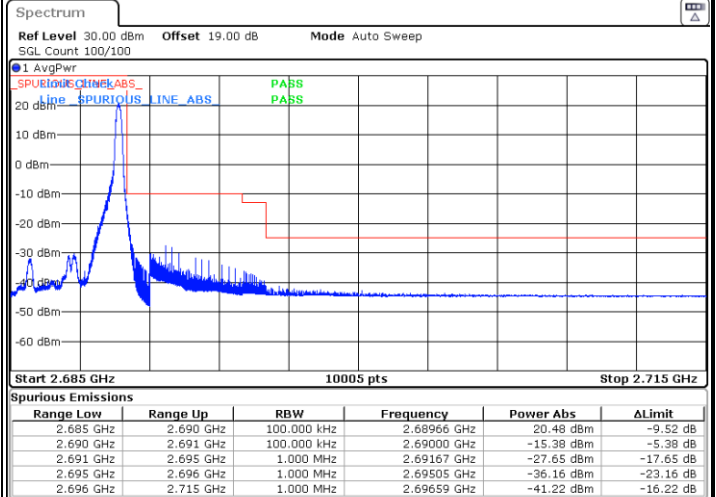
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



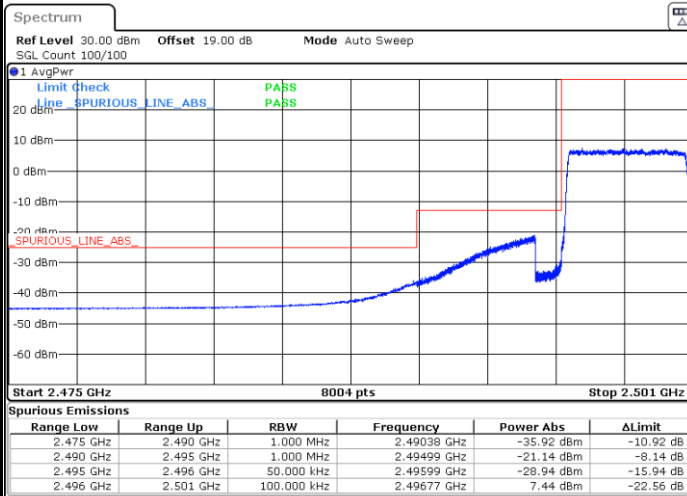
Date: 4 MAR 2025 13:16:25

Highest Band Edge / 1 RB



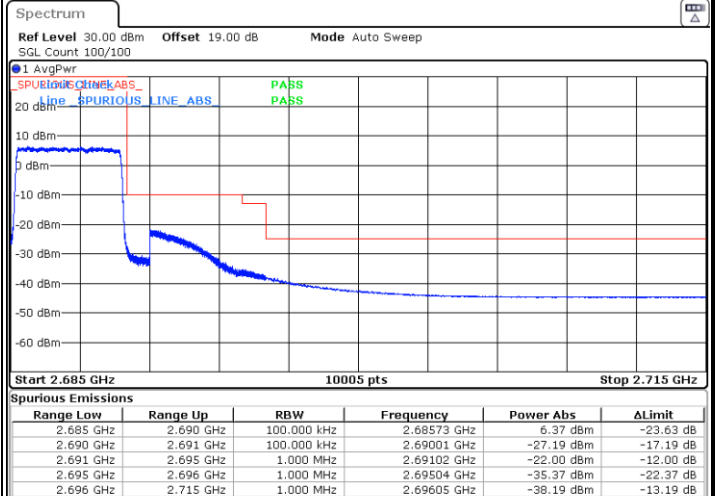
Date: 4 MAR 2025 16:02:11

Lowest Band Edge / Full RB



Date: 4 MAR 2025 13:17:28

Highest Band Edge / Full RB



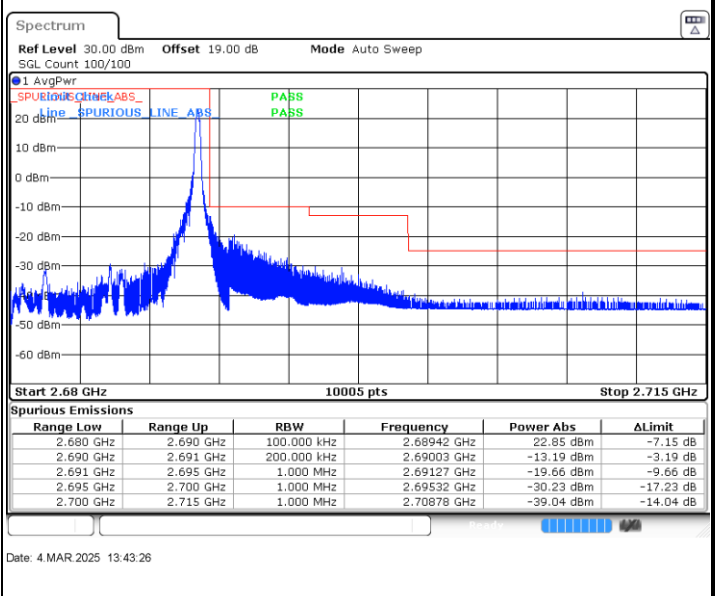
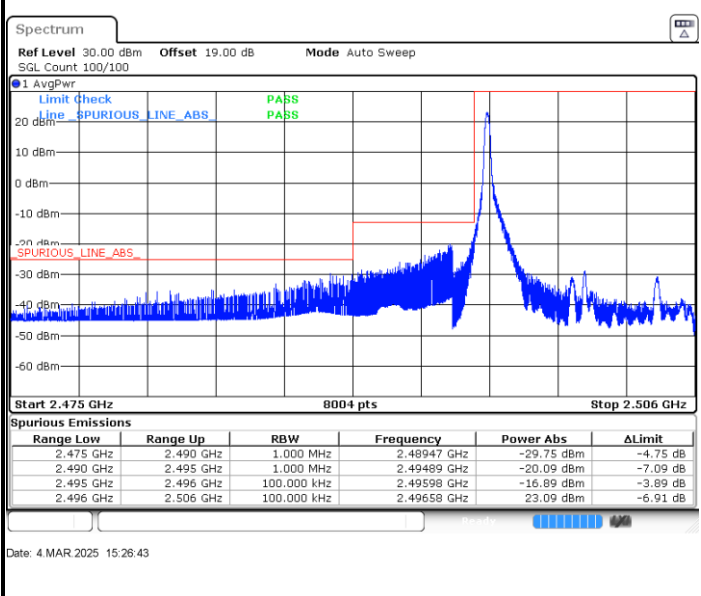
Date: 4 MAR 2025 15:59:35

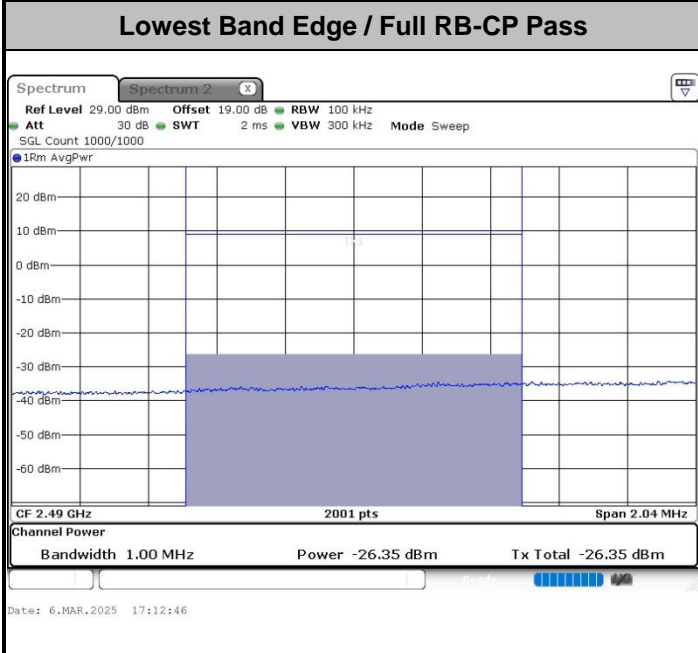
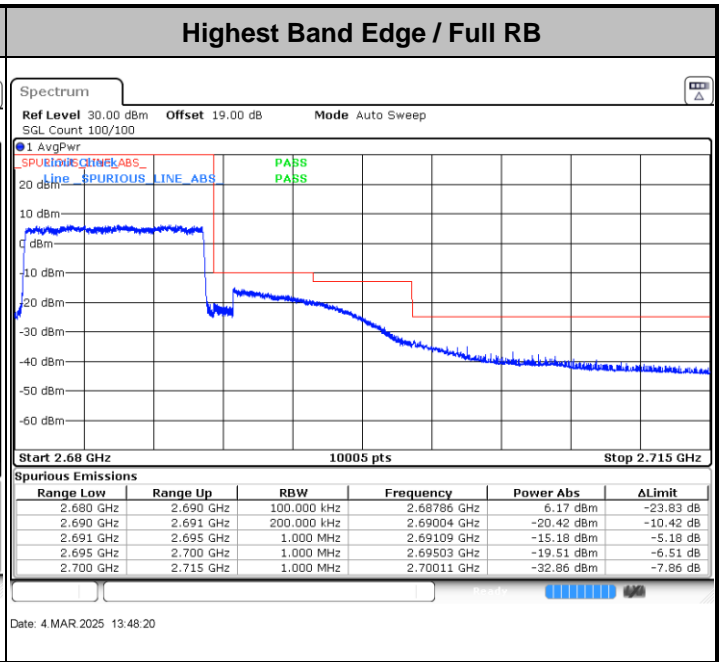
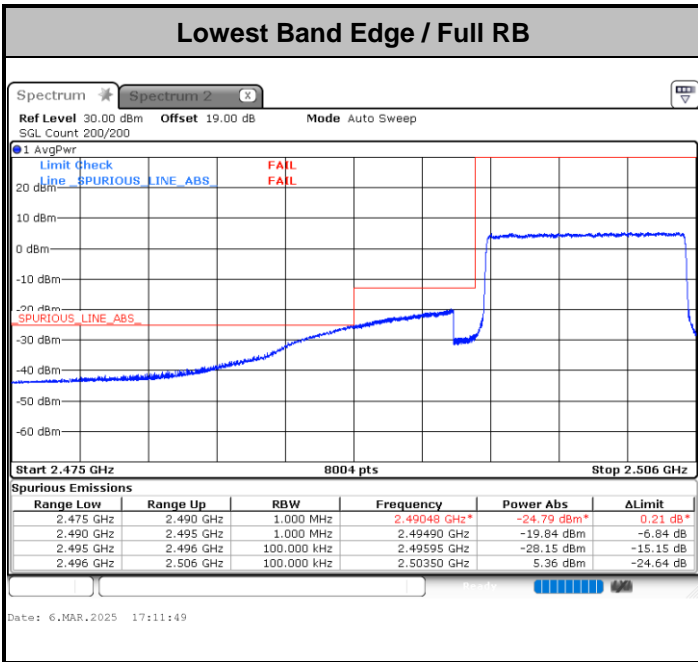


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

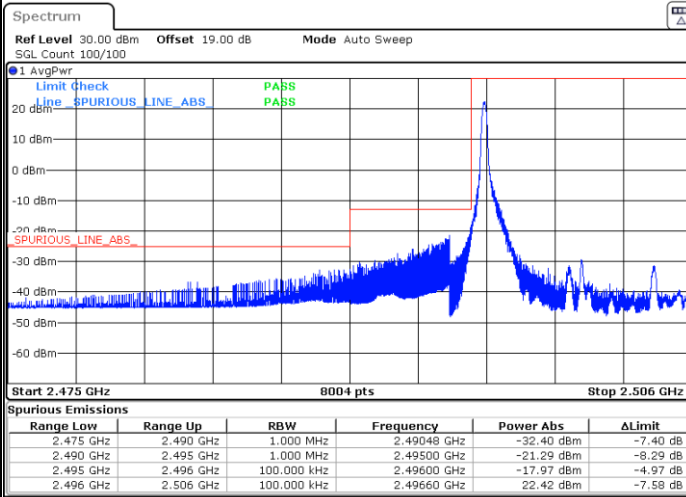






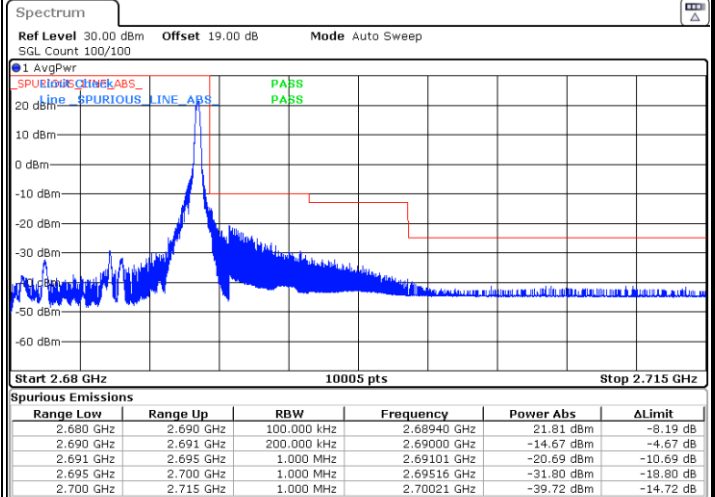
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



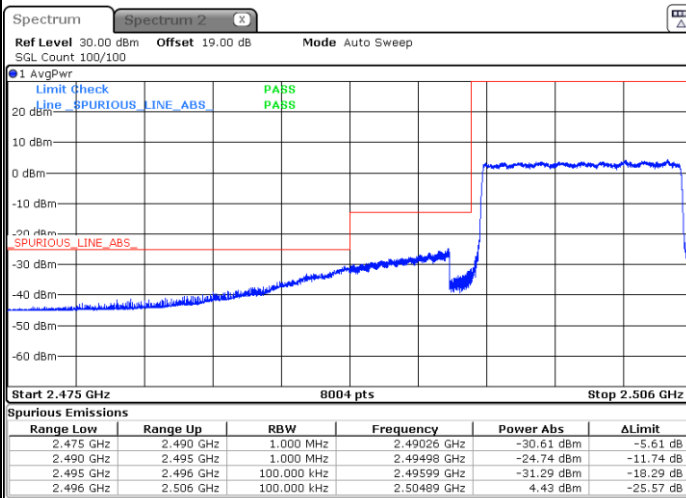
Date: 4 MAR 2025 13:34:40

Highest Band Edge / 1 RB



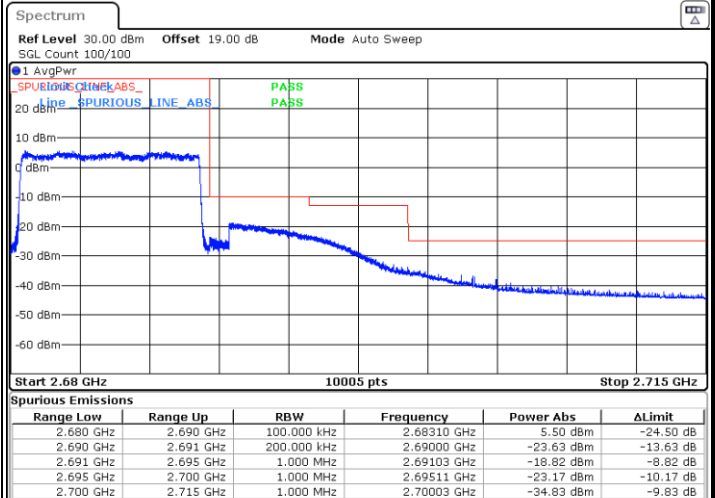
Date: 4 MAR 2025 13:44:25

Lowest Band Edge / Full RB



Date: 5 MAR 2025 13:25:46

Highest Band Edge / Full RB

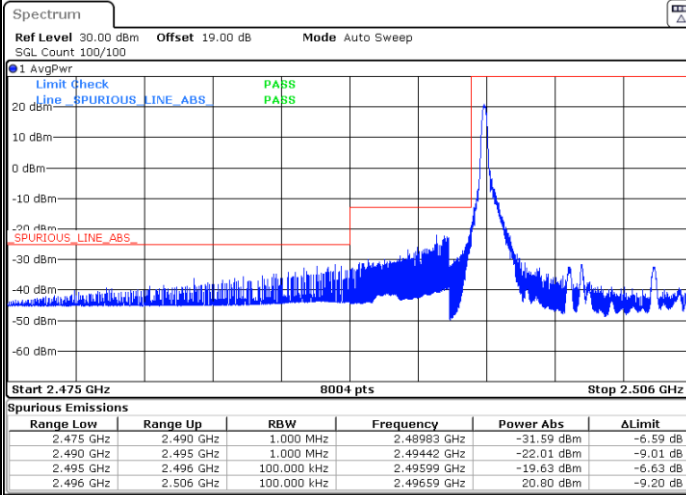


Date: 4 MAR 2025 13:47:22



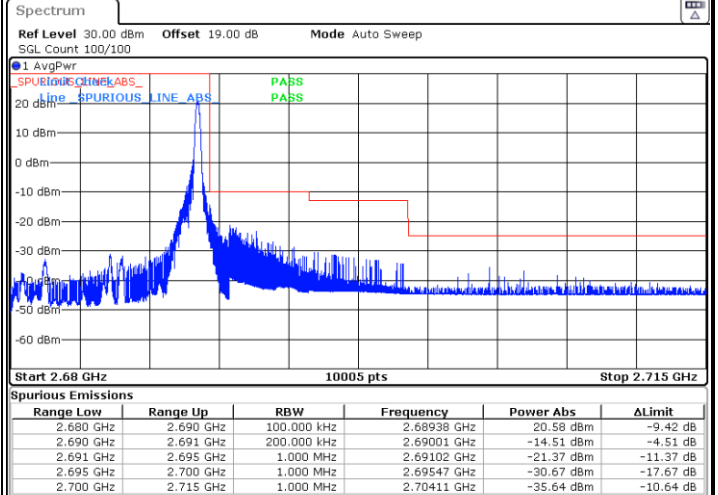
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



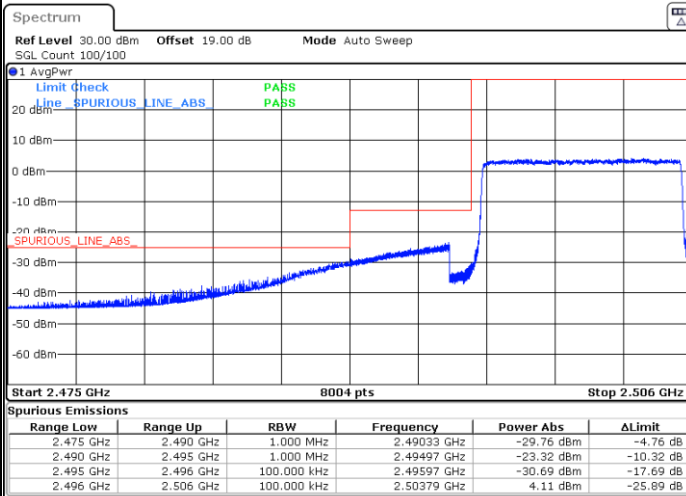
Date: 4 MAR 2025 13:35:41

Highest Band Edge / 1 RB



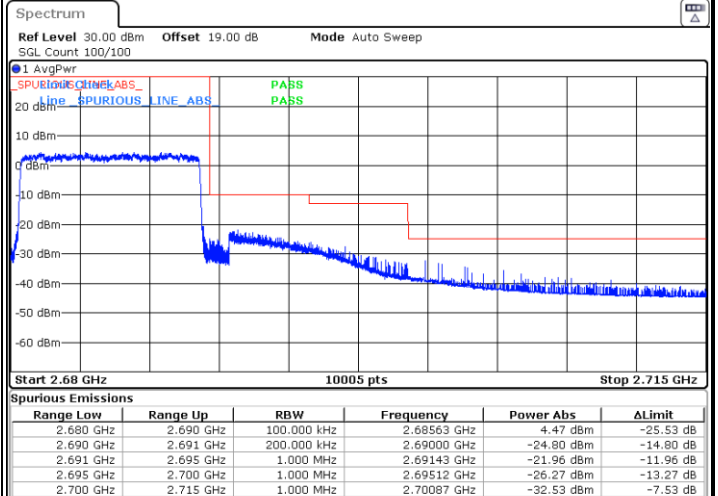
Date: 4 MAR 2025 13:45:23

Lowest Band Edge / Full RB



Date: 4 MAR 2025 13:36:42

Highest Band Edge / Full RB



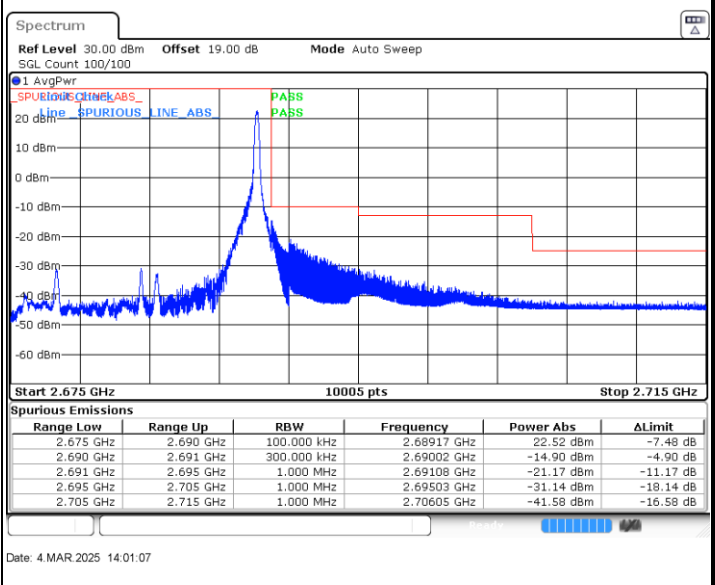
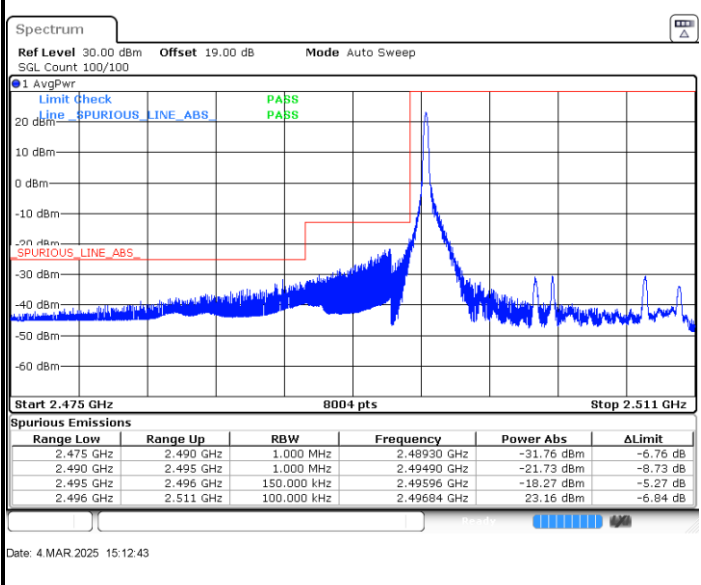
Date: 4 MAR 2025 13:46:22

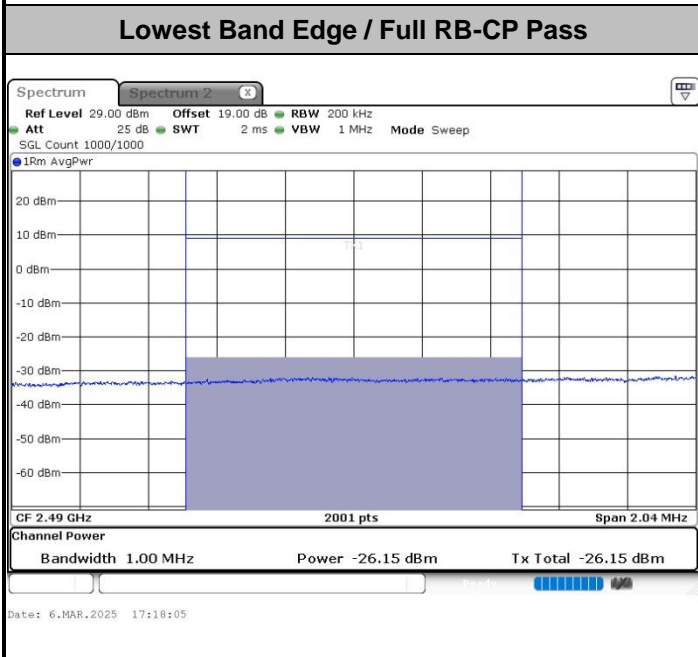
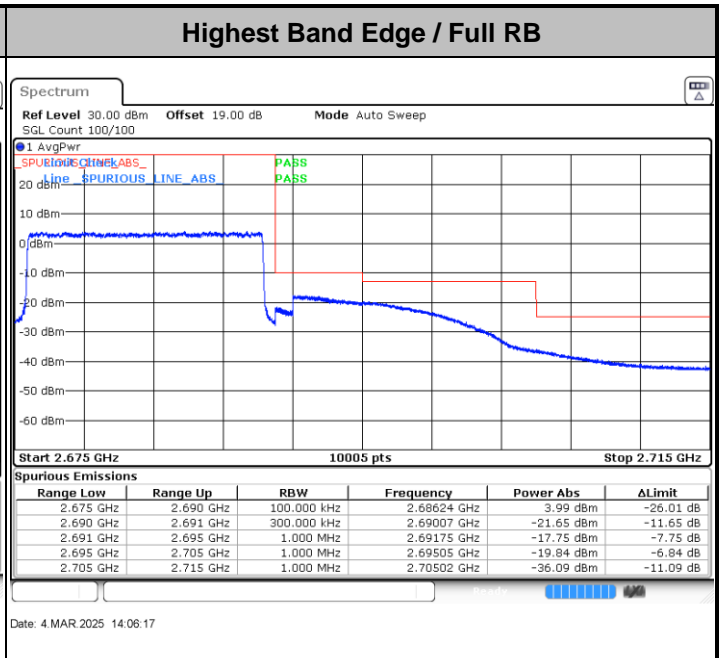
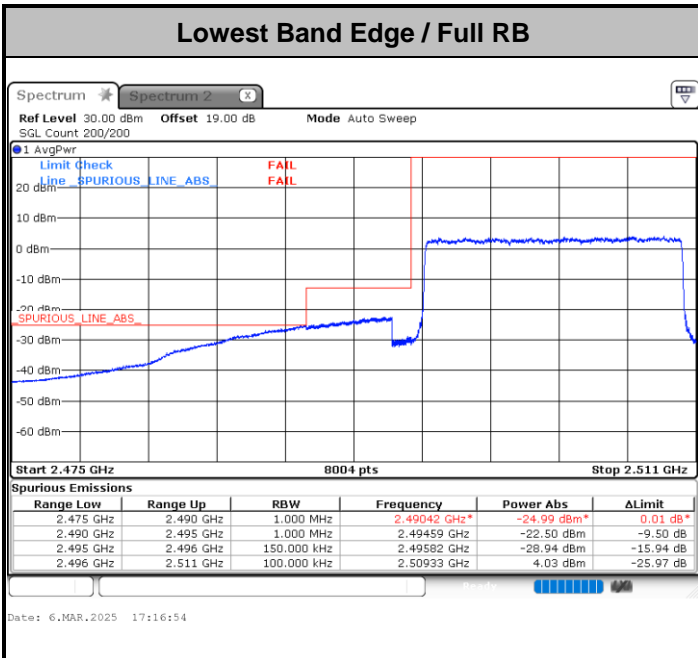


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

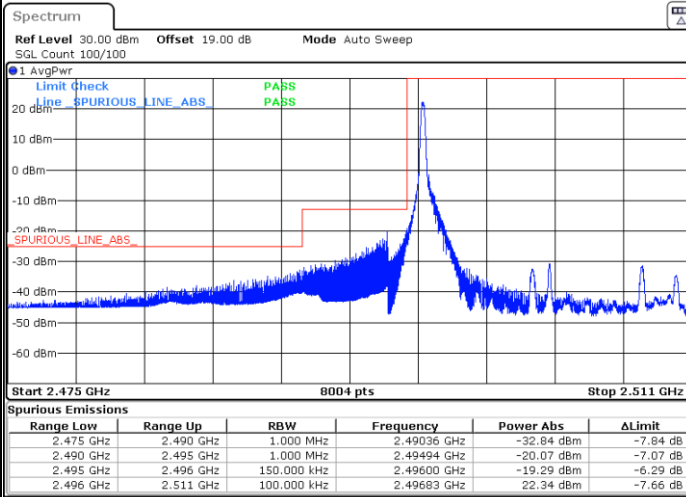






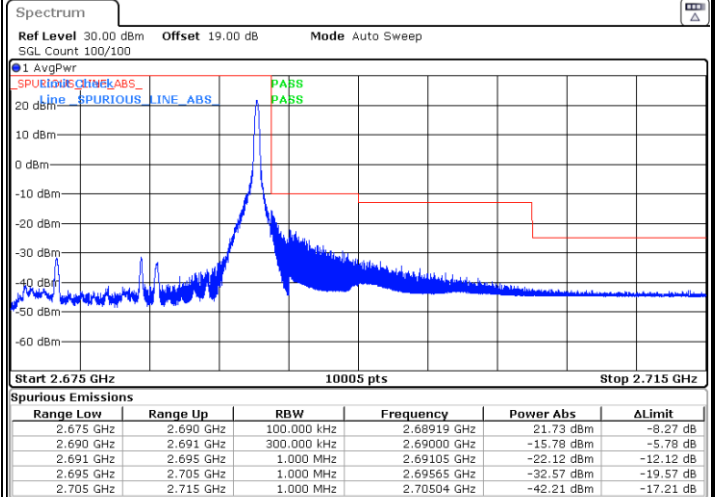
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



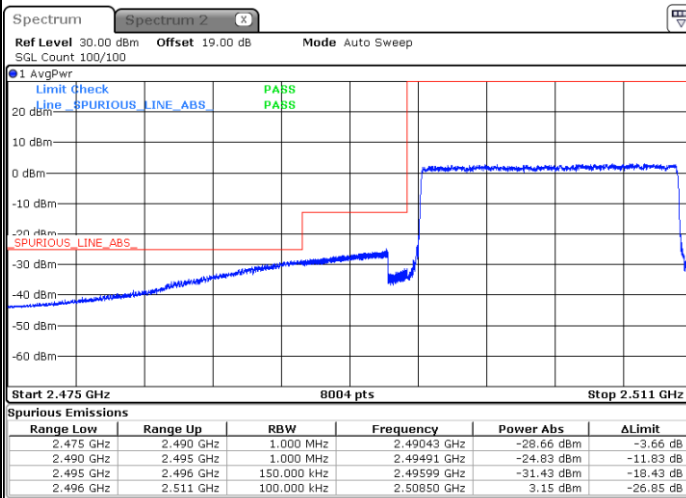
Date: 4 MAR 2025 15:14:19

Highest Band Edge / 1 RB



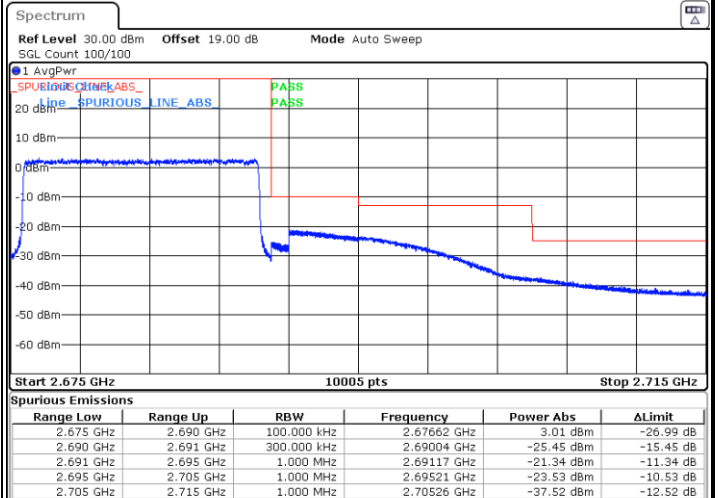
Date: 4 MAR 2025 14:02:09

Lowest Band Edge / Full RB



Date: 6.MAR.2025 17:20:39

Highest Band Edge / Full RB

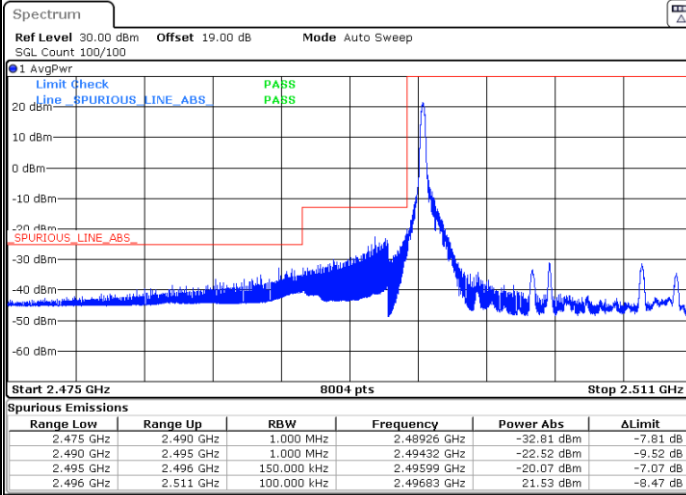


Date: 4 MAR 2025 14:05:15



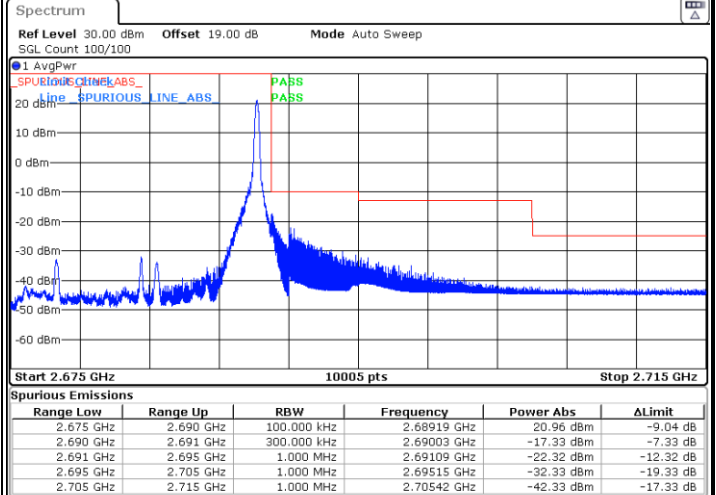
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



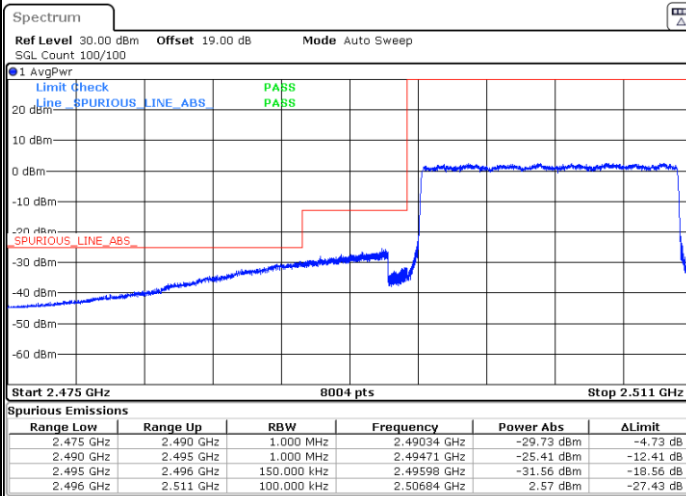
Date: 4 MAR 2025 13:53:17

Highest Band Edge / 1 RB



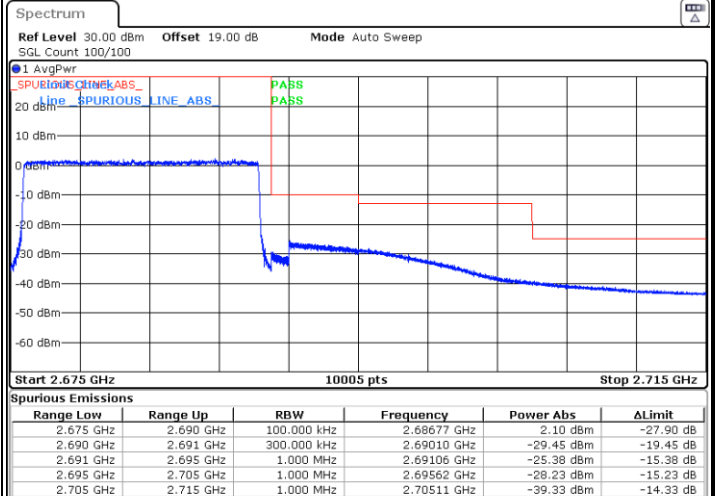
Date: 4 MAR 2025 14:03:11

Lowest Band Edge / Full RB



Date: 4 MAR 2025 13:54:18

Highest Band Edge / Full RB

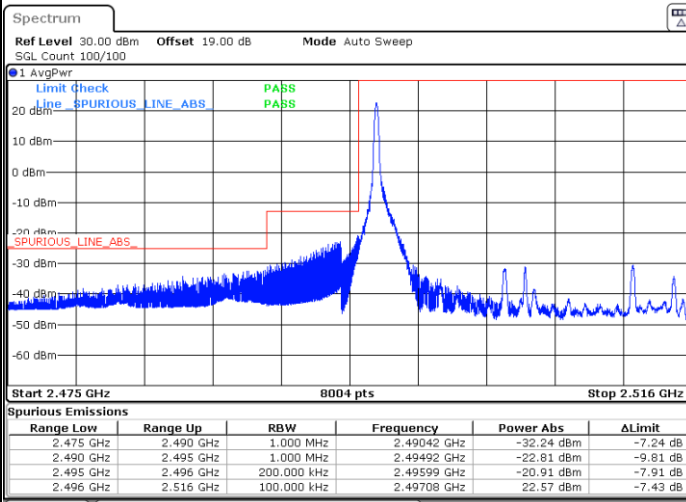


Date: 4 MAR 2025 14:04:12



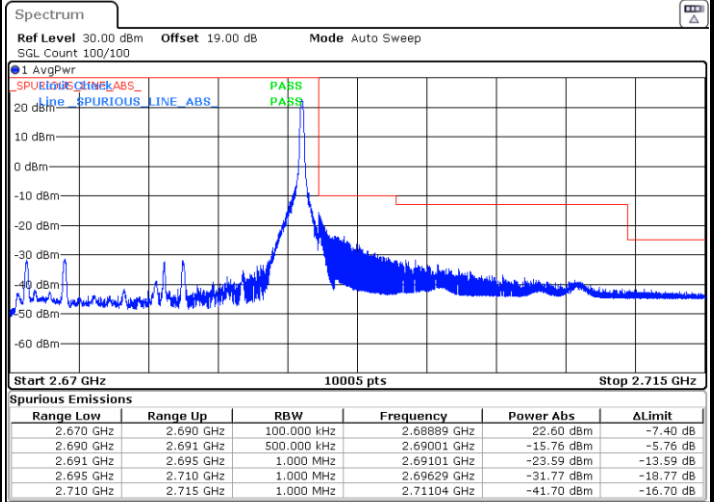
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



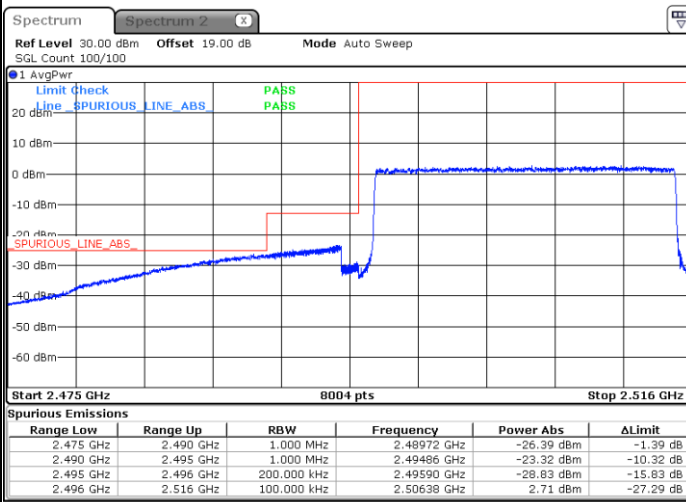
Date: 4 MAR 2025 14:09:11

Highest Band Edge / 1 RB



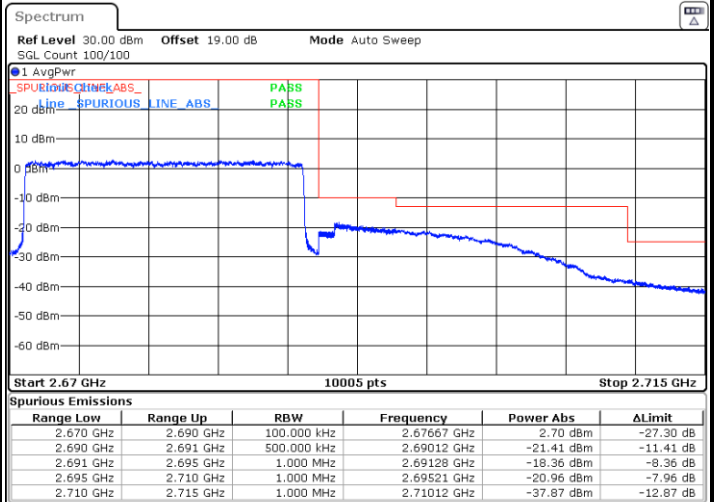
Date: 4 MAR 2025 14:20:19

Lowest Band Edge / Full RB



Date: 6.MAR.2025 17:24:37

Highest Band Edge / Full RB

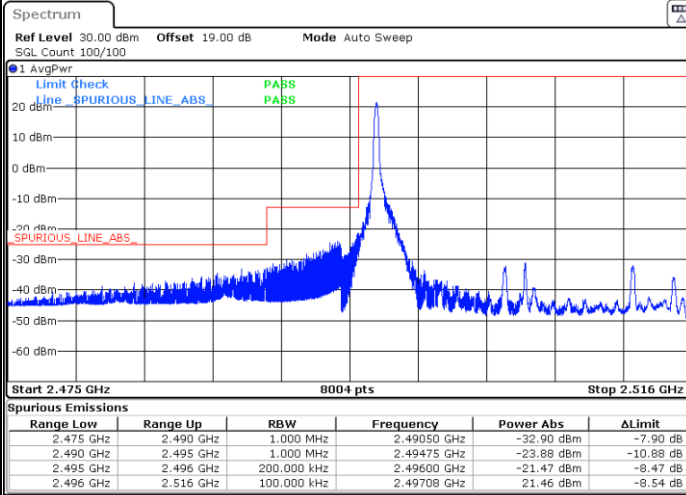


Date: 4 MAR 2025 14:37:49



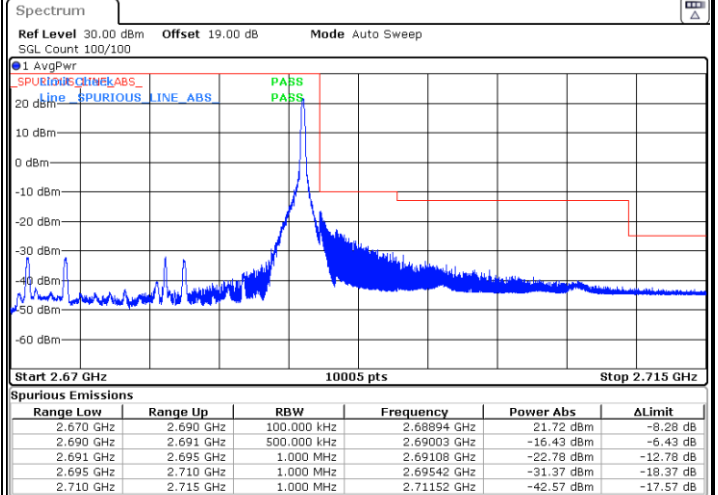
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



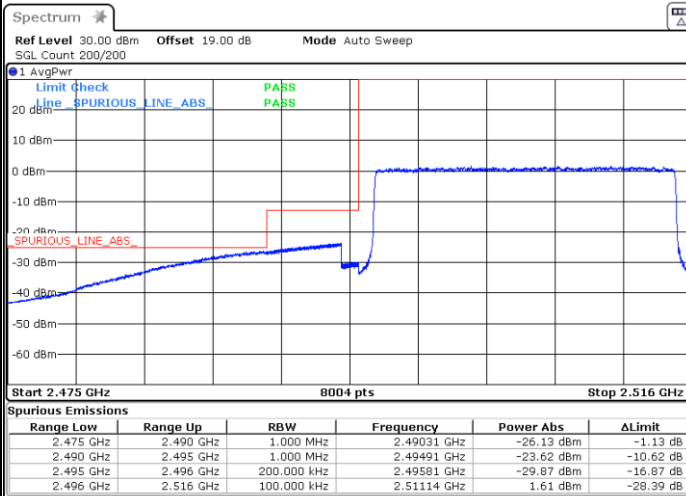
Date: 4 MAR 2025 14:10:10

Highest Band Edge / 1 RB



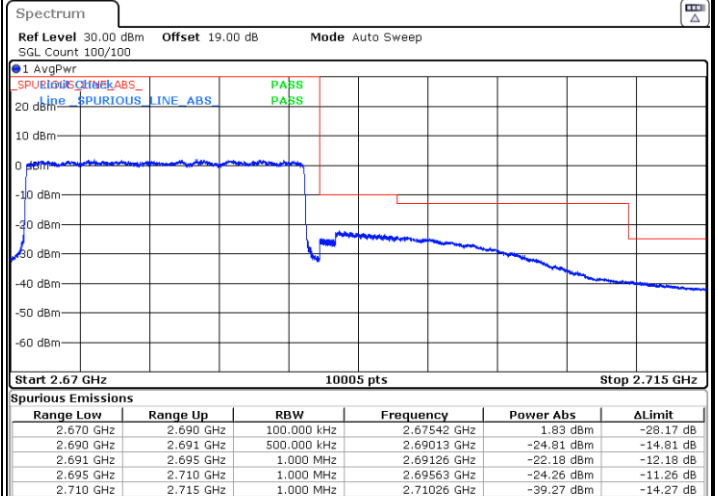
Date: 4 MAR 2025 14:21:22

Lowest Band Edge / Full RB



Date: 4 MAR 2025 14:29:14

Highest Band Edge / Full RB

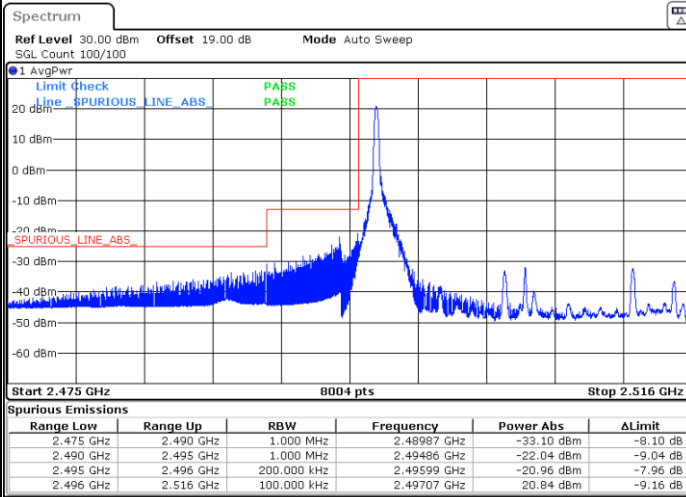


Date: 4 MAR 2025 14:24:33



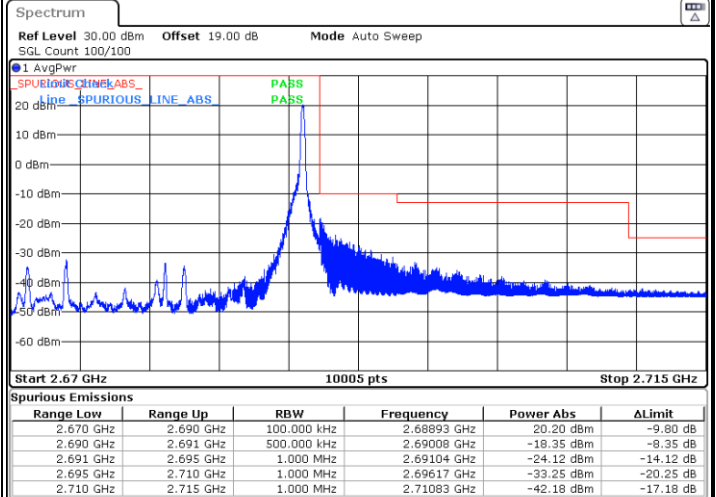
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



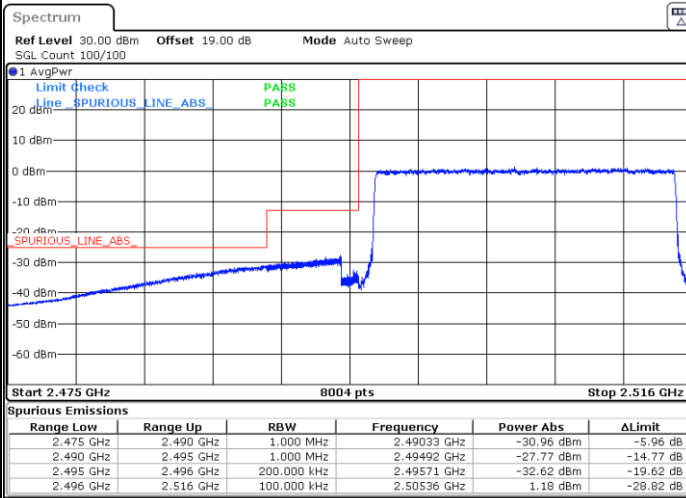
Date: 4 MAR 2025 14:11:07

Highest Band Edge / 1 RB



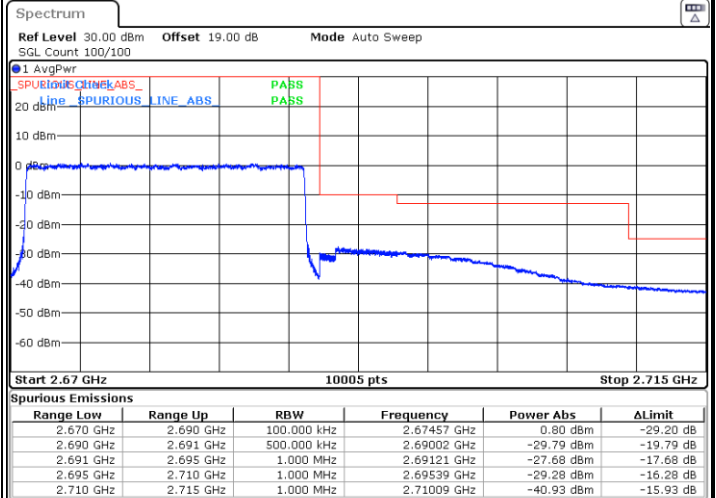
Date: 4 MAR 2025 14:22:26

Lowest Band Edge / Full RB



Date: 4 MAR 2025 14:12:07

Highest Band Edge / Full RB



Date: 4 MAR 2025 14:36:02

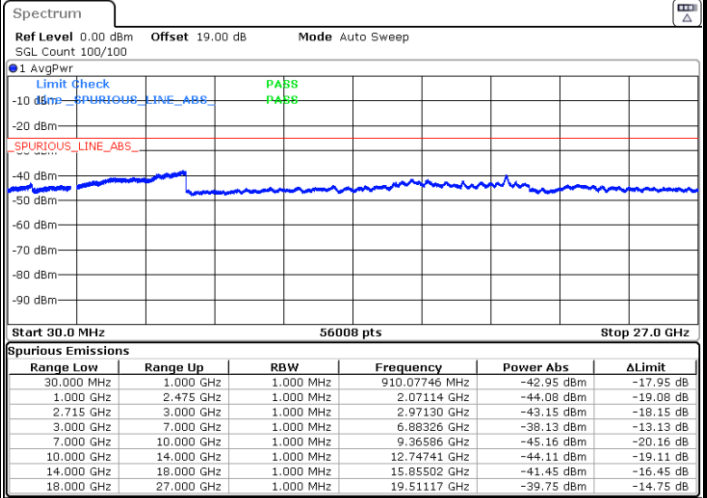
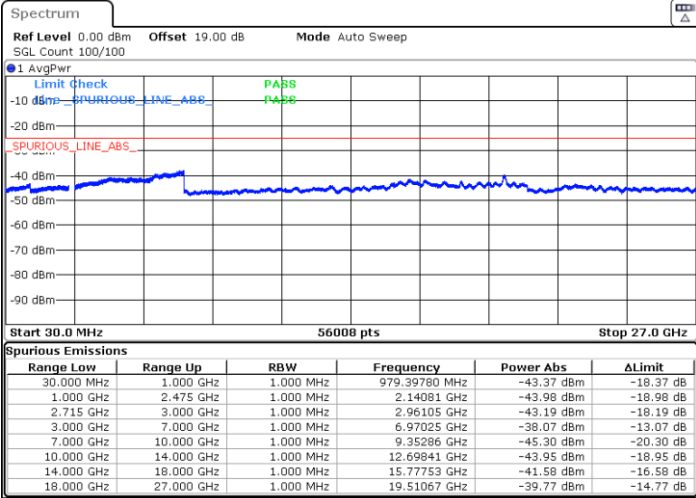


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

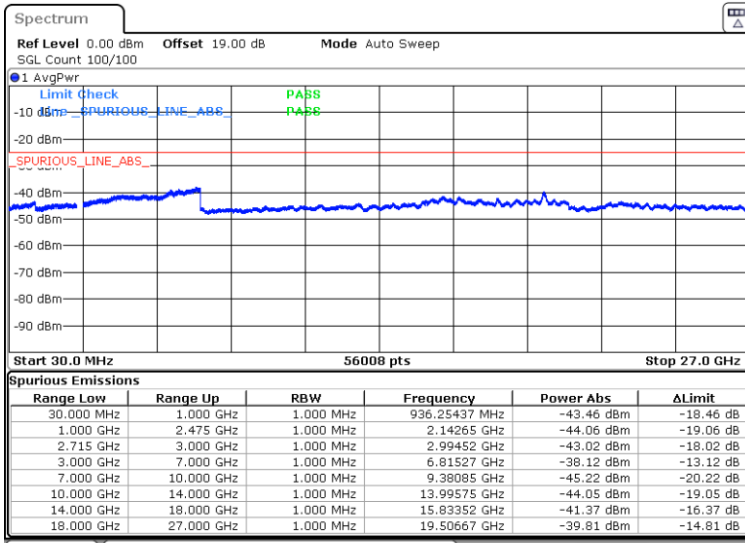
### Middle Channel / QPSK



Date: 4 MAR 2025 13:20:47

Date: 4 MAR 2025 13:22:01

### Highest Channel / QPSK



Date: 4 MAR 2025 13:31:59