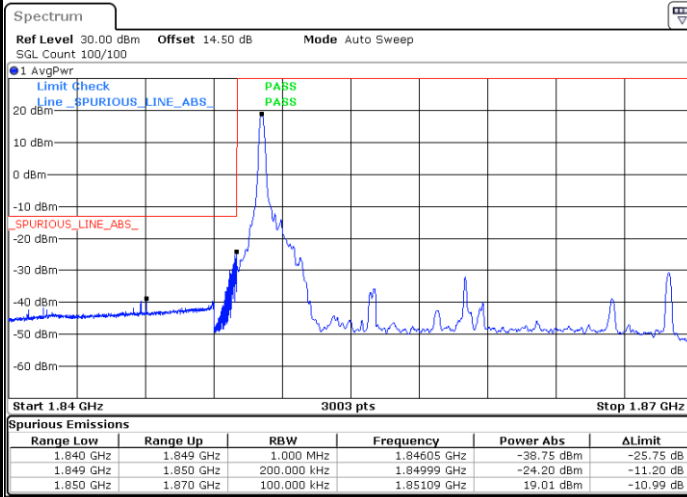




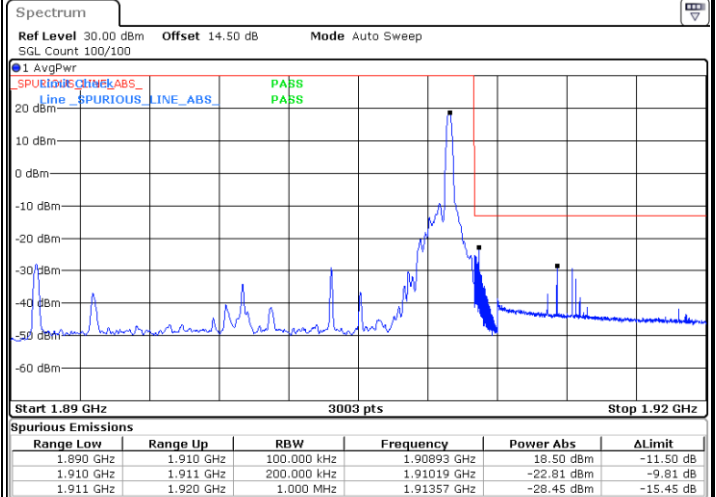
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



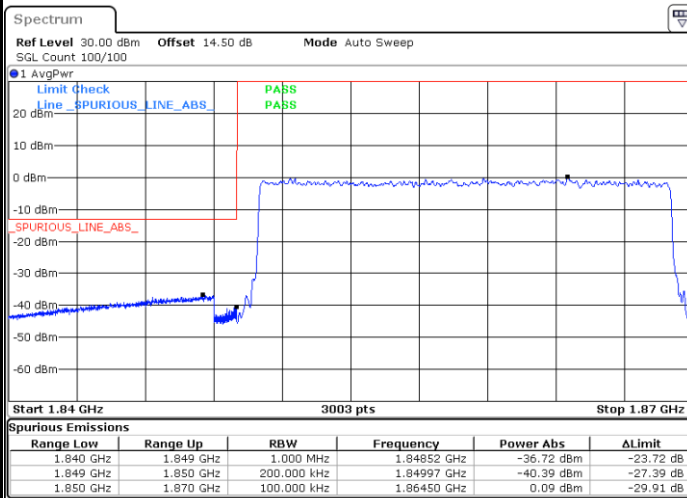
Date: 13.SEP.2024 18:22:20

Highest Band Edge / 1 RB



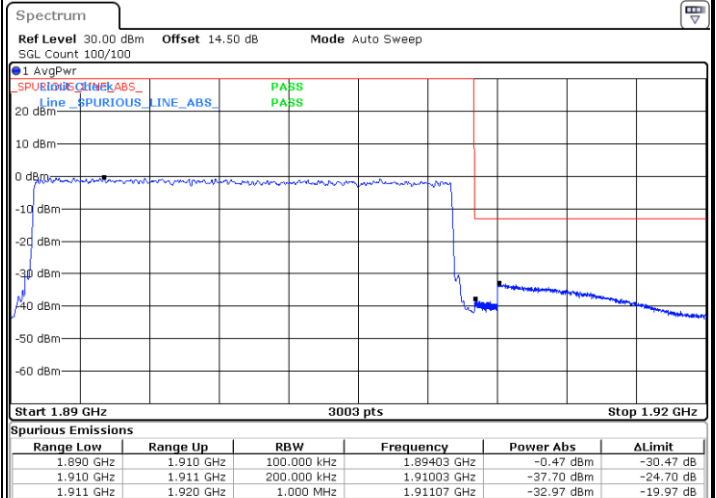
Date: 13.SEP.2024 18:33:35

Lowest Band Edge / Full RB



Date: 13.SEP.2024 18:25:02

Highest Band Edge / Full RB



Date: 13.SEP.2024 18:36:17

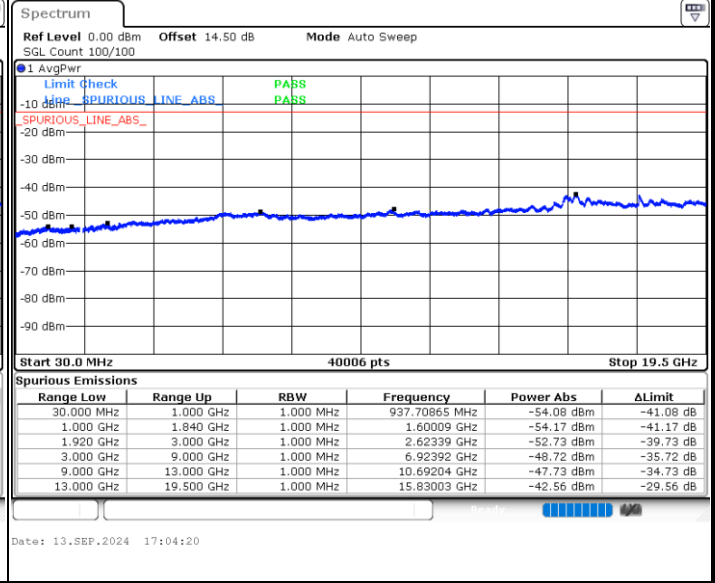
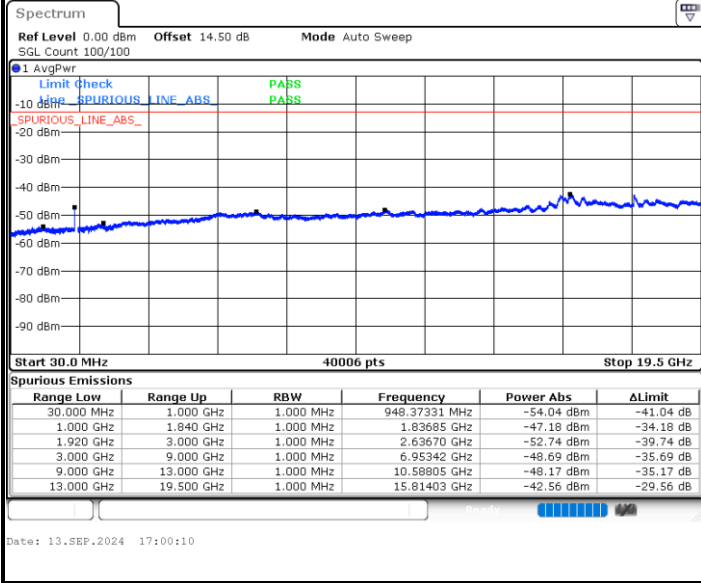


# Conducted Spurious Emission

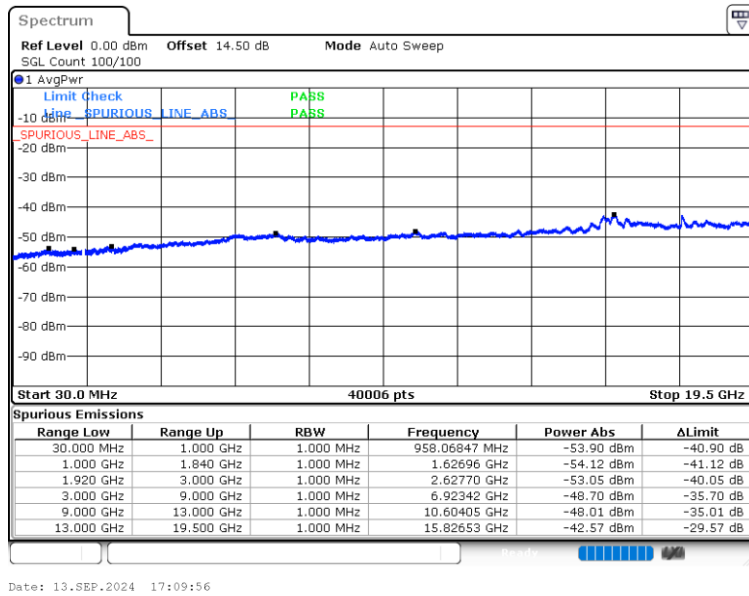
## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

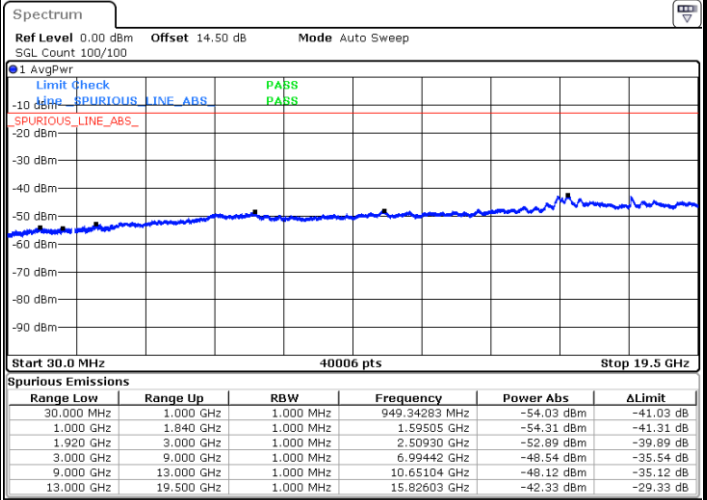
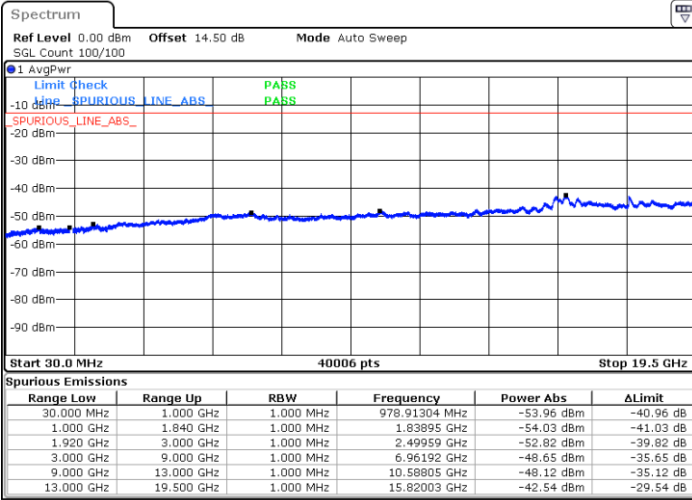




LTE Band 2 / 3MHz

Lowest Channel / QPSK

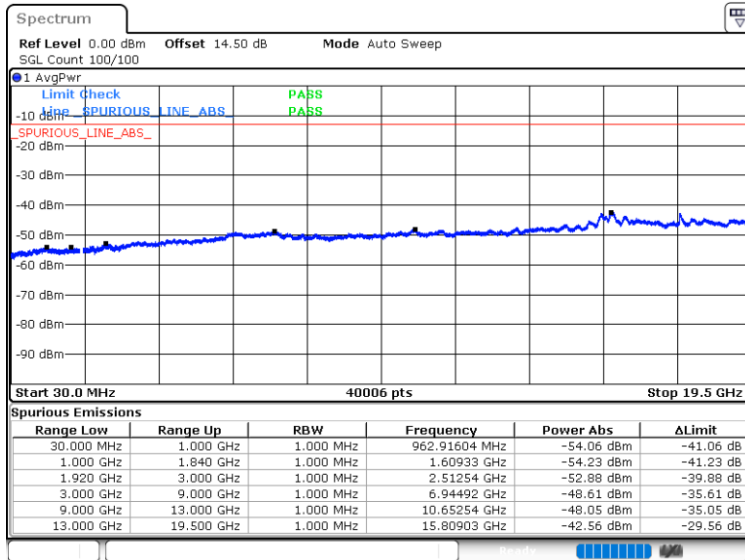
Middle Channel / QPSK



Date: 13.SEP.2024 17:16:54

Date: 13.SEP.2024 17:21:05

Highest Channel / QPSK



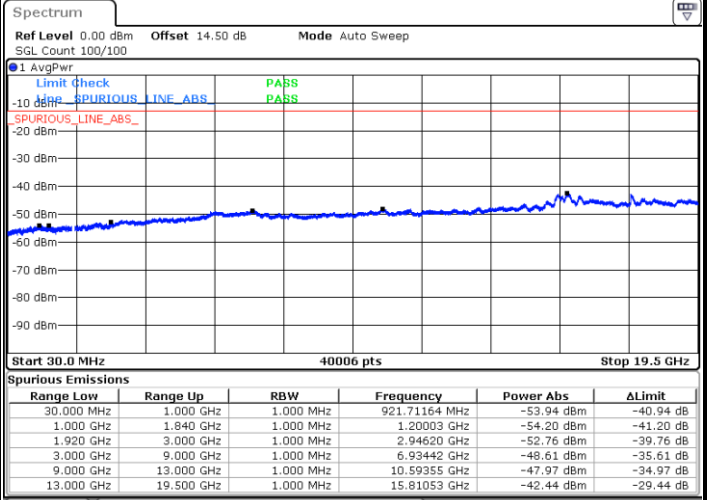
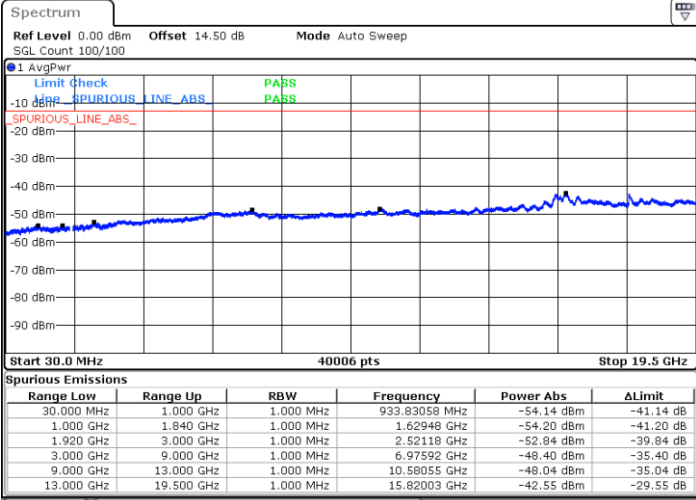
Date: 13.SEP.2024 17:29:25



LTE Band 2 / 5MHz

Lowest Channel / QPSK

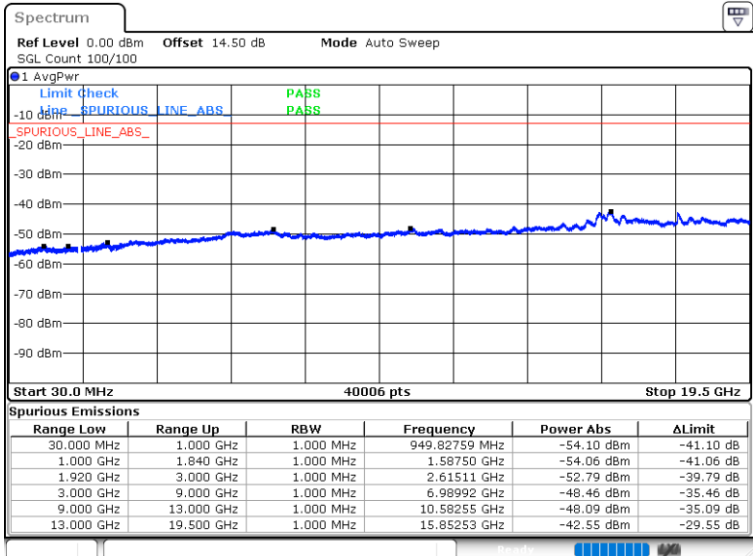
Middle Channel / QPSK



Date: 13.SEP.2024 17:33:41

Date: 13.SEP.2024 17:37:51

Highest Channel / QPSK



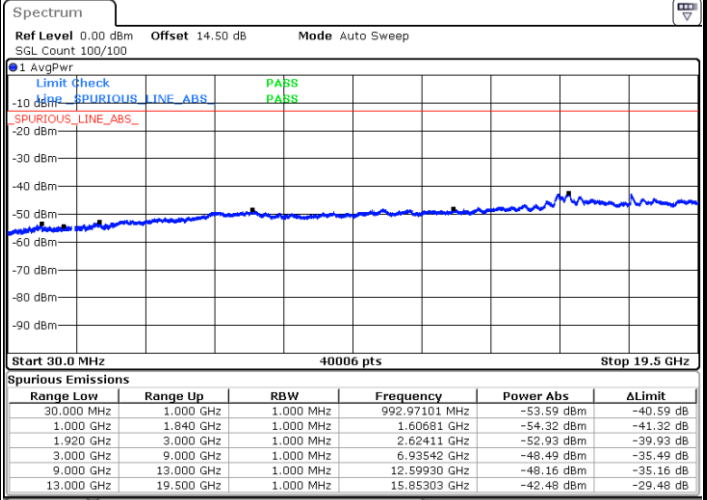
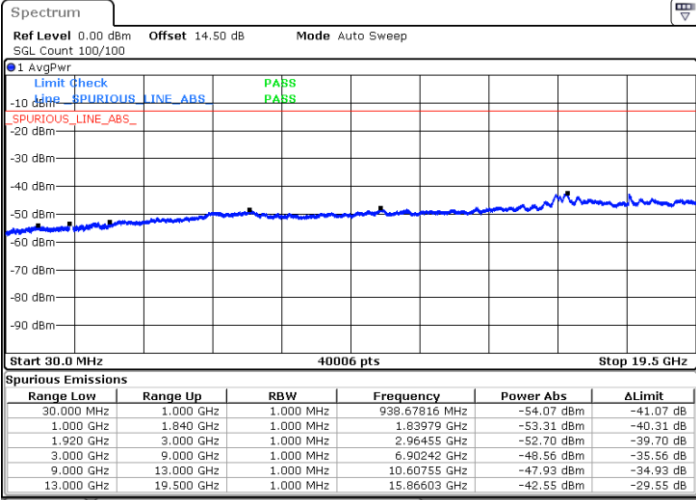
Date: 13.SEP.2024 17:46:09



LTE Band 2 / 10MHz

Lowest Channel / QPSK

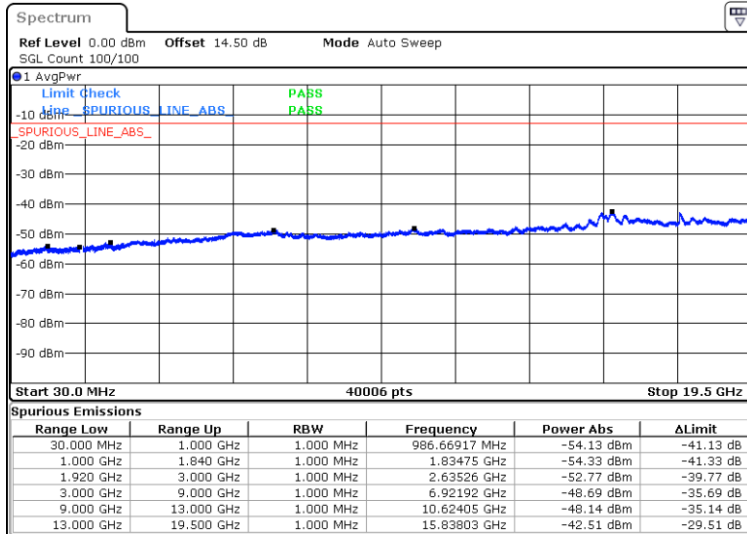
Middle Channel / QPSK



Date: 13.SEP.2024 17:53:06

Date: 13.SEP.2024 17:54:34

Highest Channel / QPSK



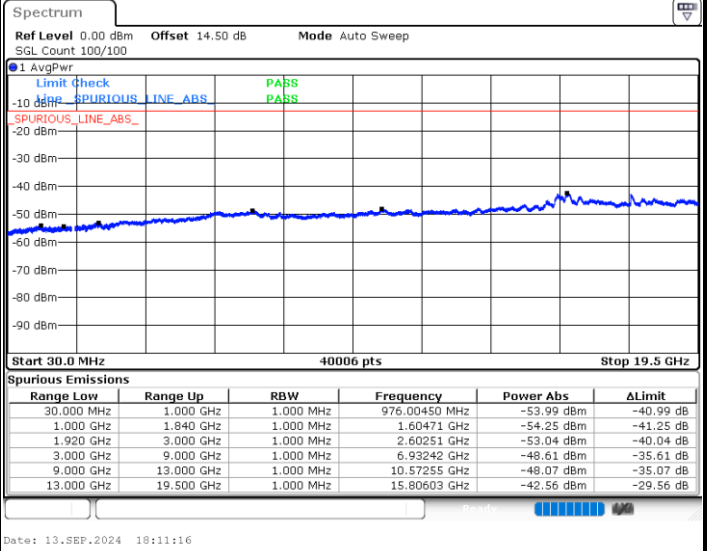
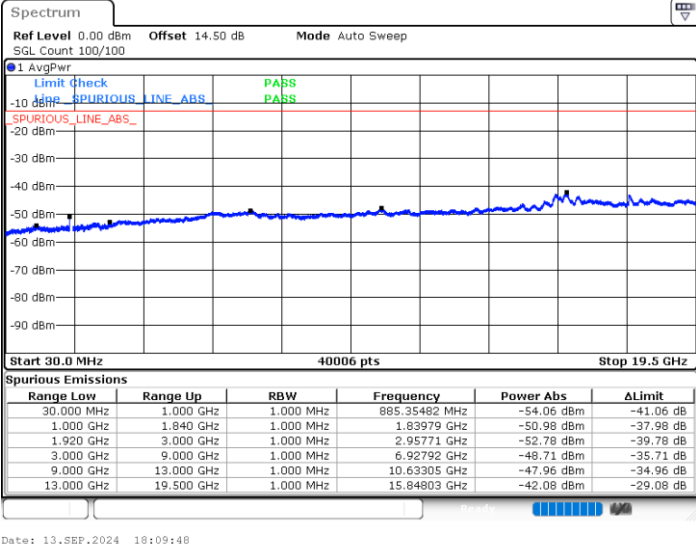
Date: 13.SEP.2024 18:02:51



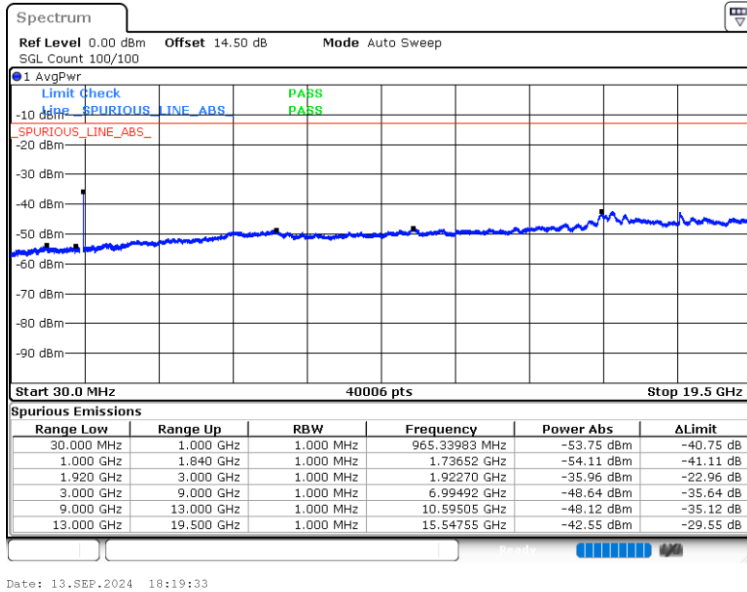
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

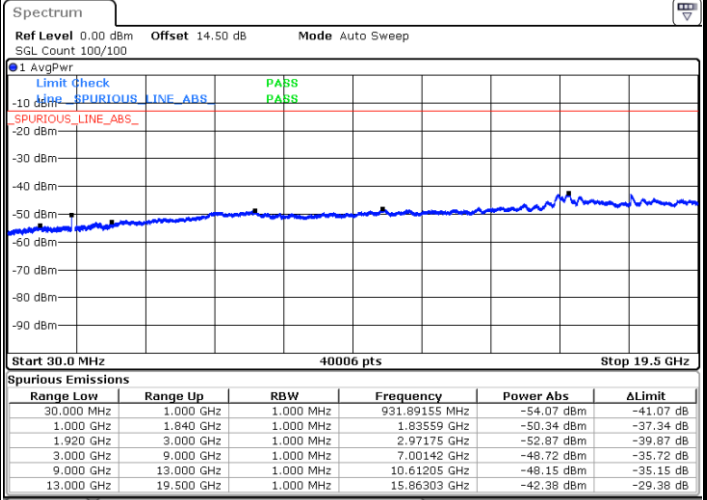
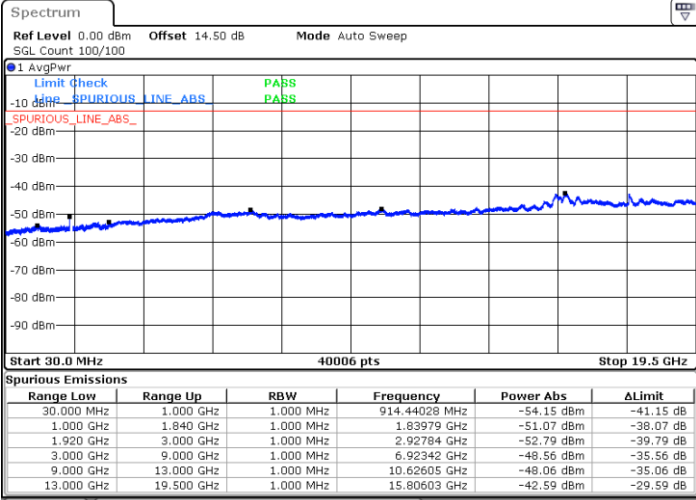




LTE Band 2 / 20MHz

Lowest Channel / QPSK

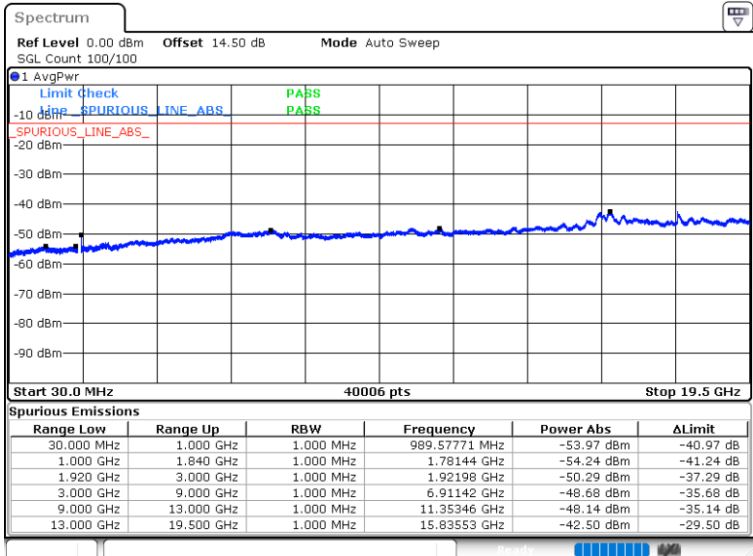
Middle Channel / QPSK



Date: 13.SEP.2024 18:26:31

Date: 13.SEP.2024 18:27:58

Highest Channel / QPSK



Date: 13.SEP.2024 18:37:46



### 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	0.0021	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

**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.

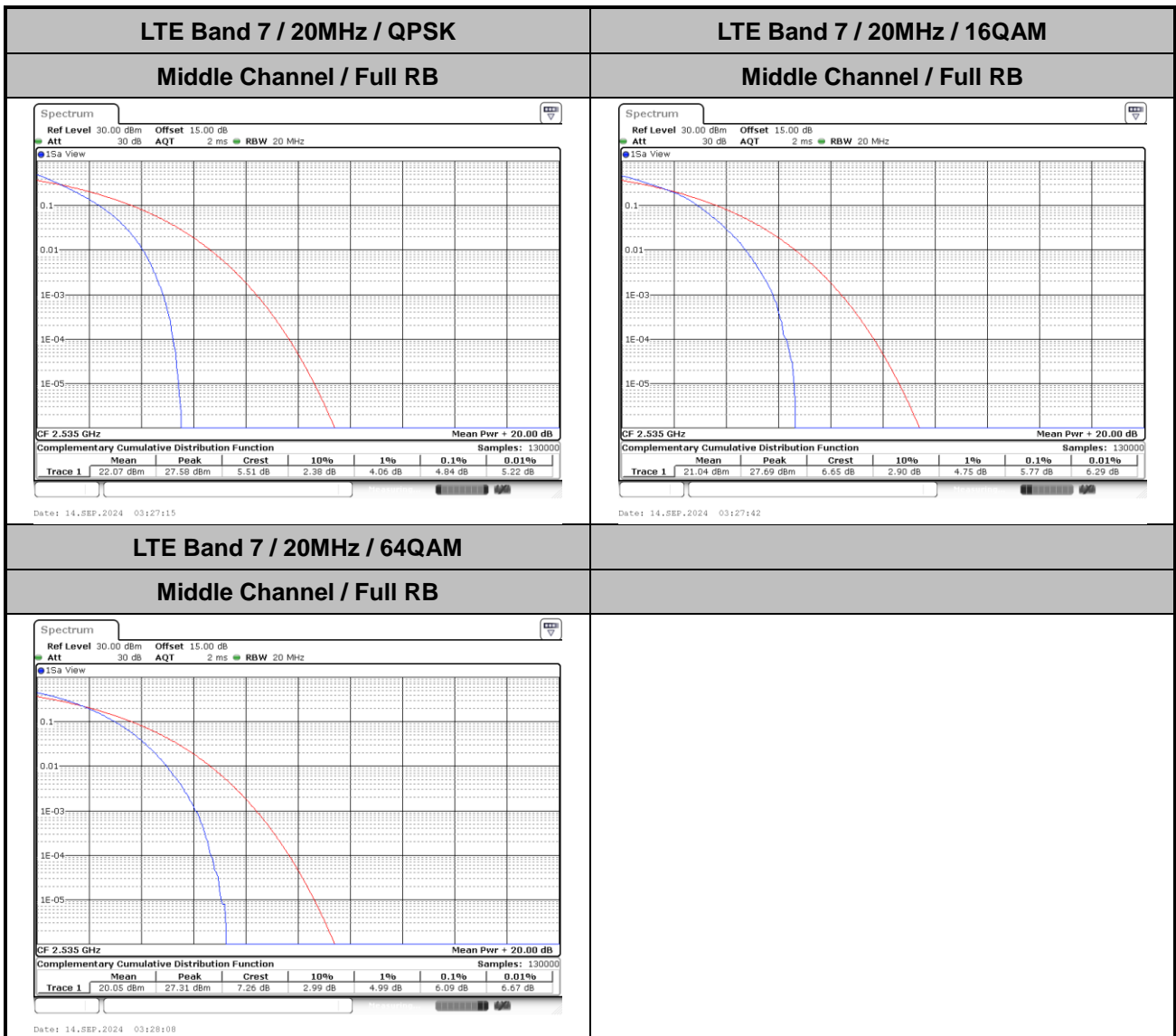




# LTE Band 7

## Peak-to-Average Ratio

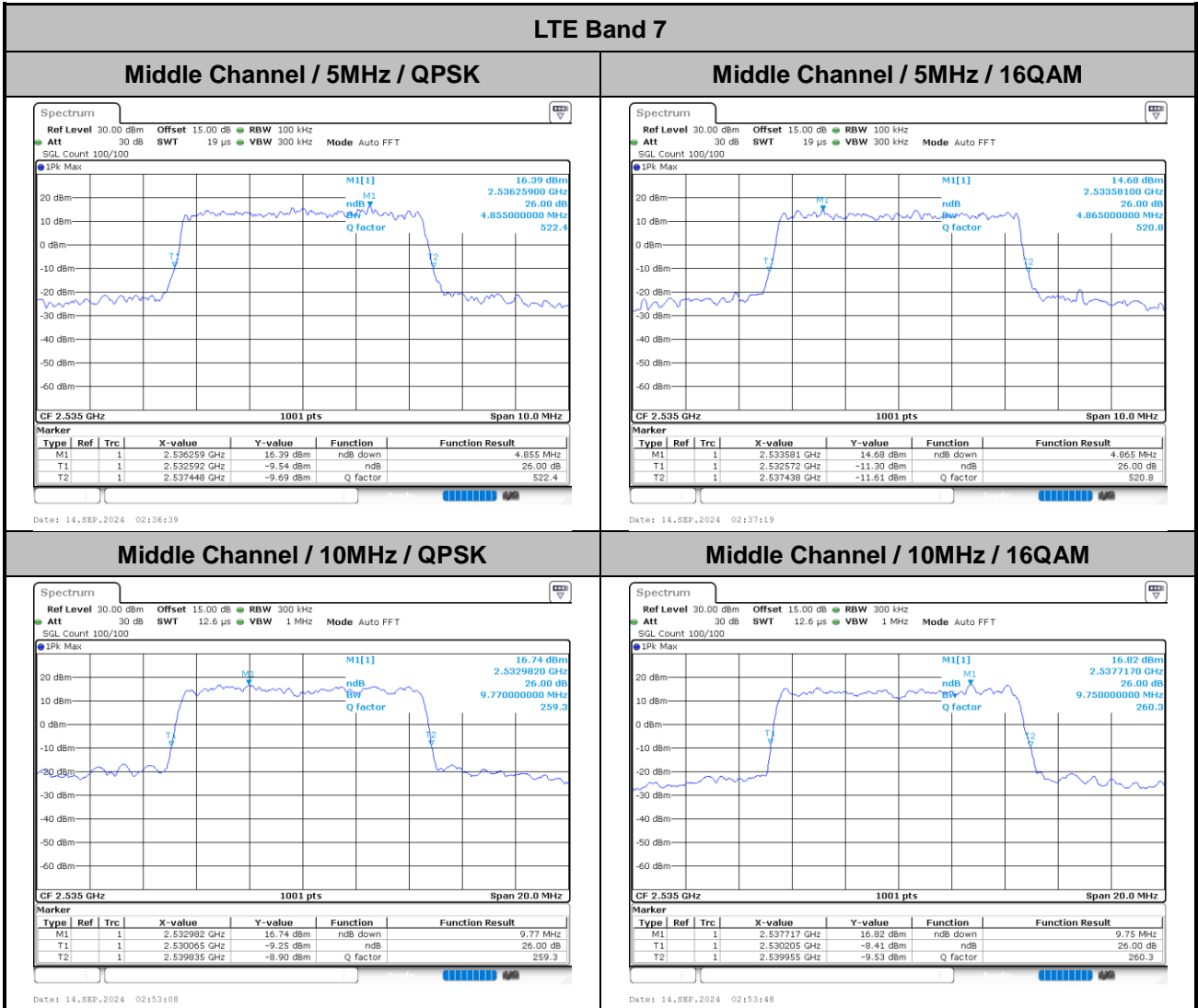
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.84	5.77	6.09	PASS





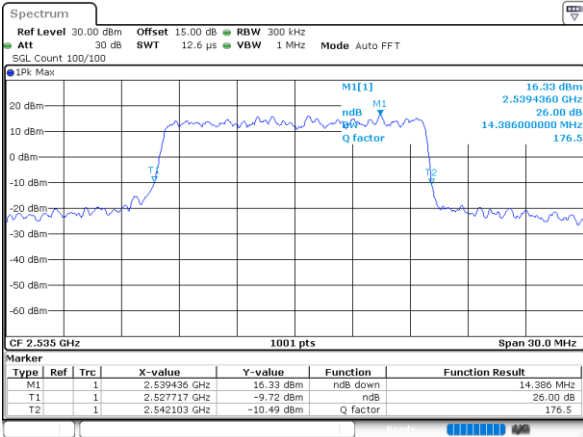
# 26dB Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.86	4.87	9.77	9.75	14.39	14.09	18.78	18.90



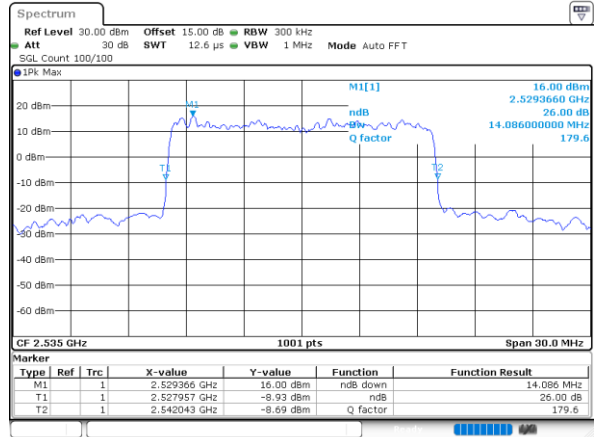


Middle Channel / 15MHz / QPSK



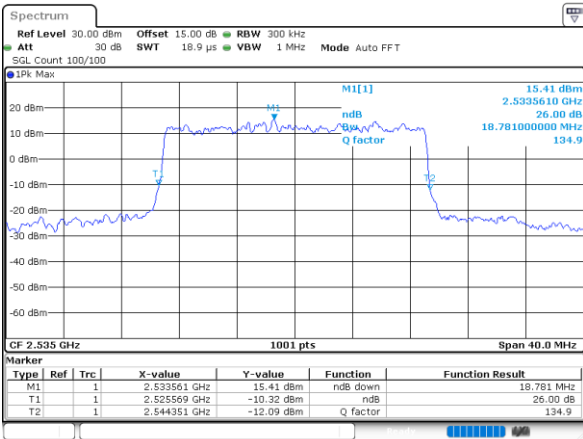
Date: 14\_SEP.2024 03:09:38

Middle Channel / 15MHz / 16QAM



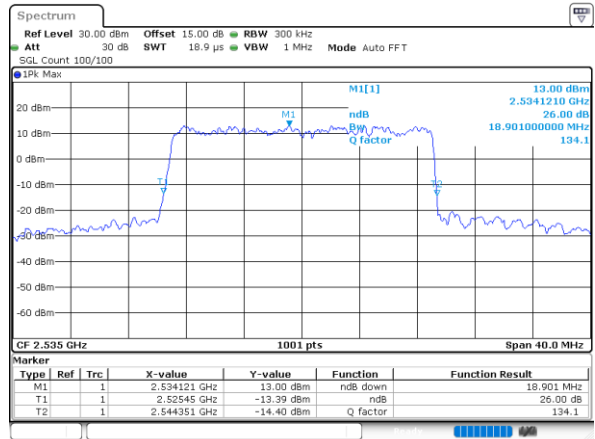
Date: 14\_SEP.2024 03:10:18

Middle Channel / 20MHz / QPSK



Date: 14\_SEP.2024 03:26:09

Middle Channel / 20MHz / 16QAM

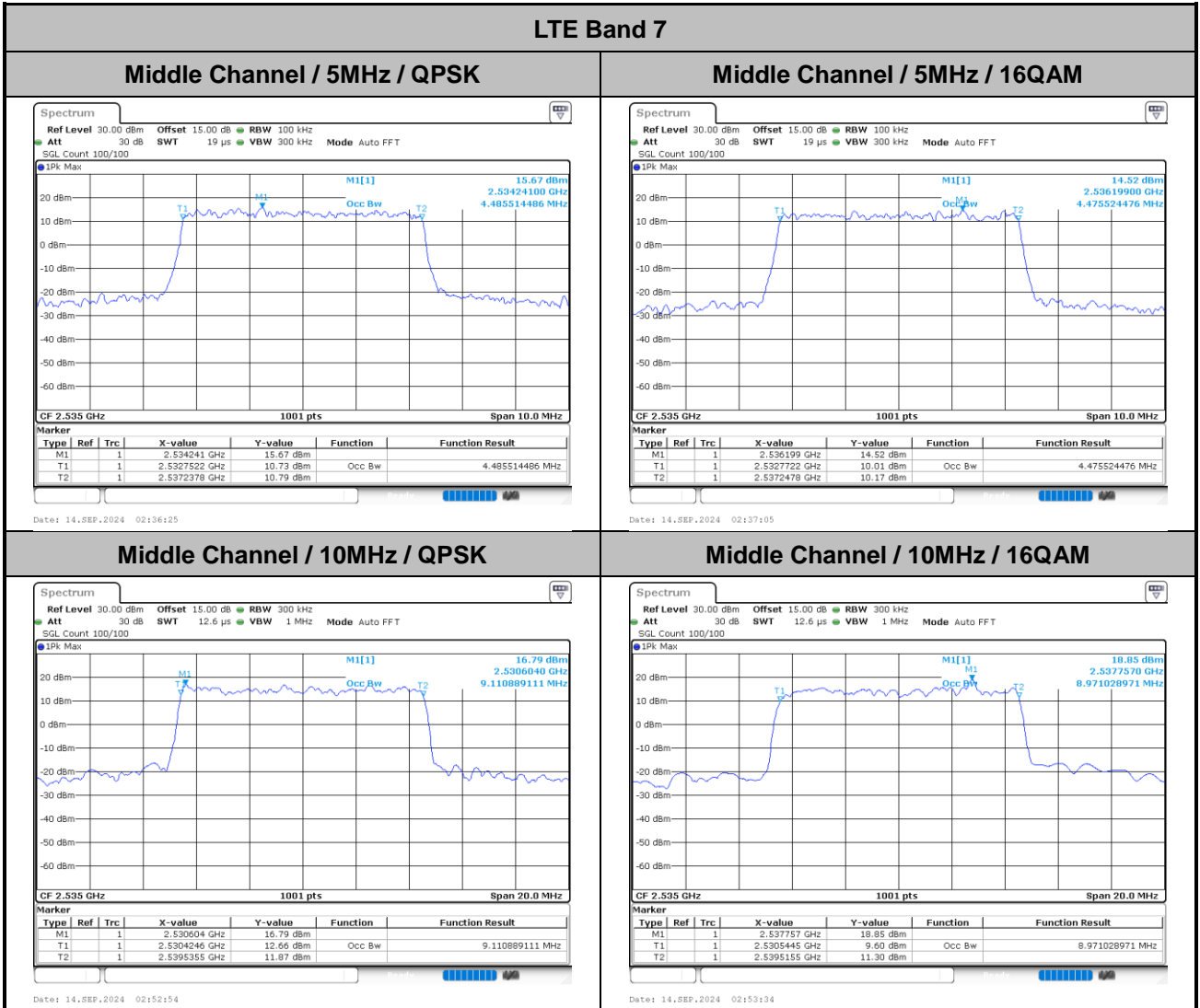


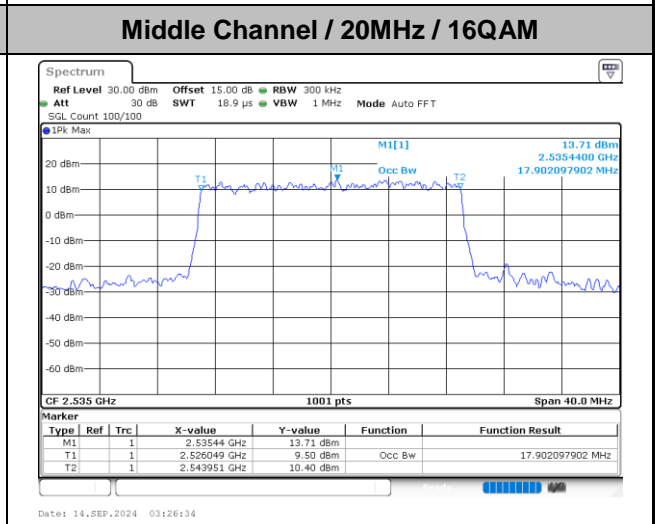
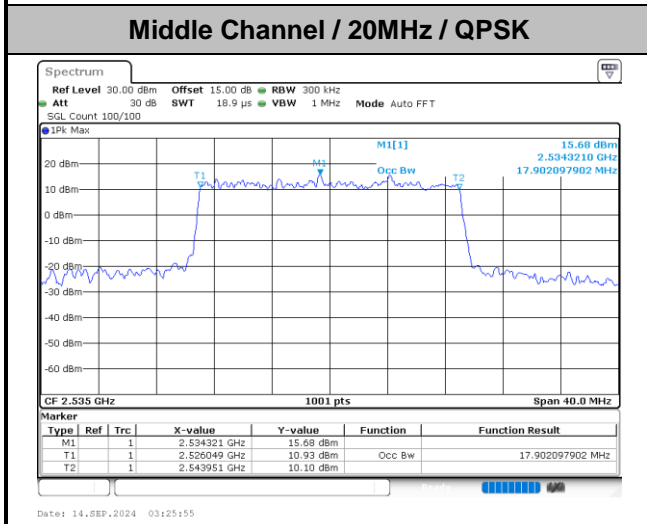
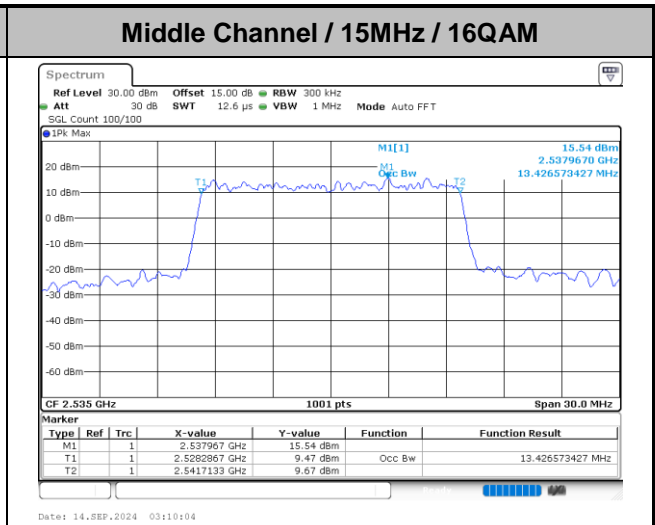
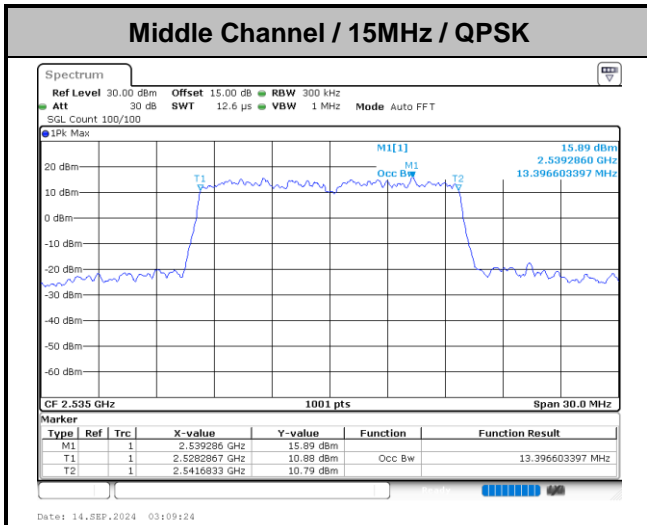
Date: 14\_SEP.2024 03:26:48



# Occupied Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.49	4.48	9.11	8.97	13.40	13.43	17.90	17.90



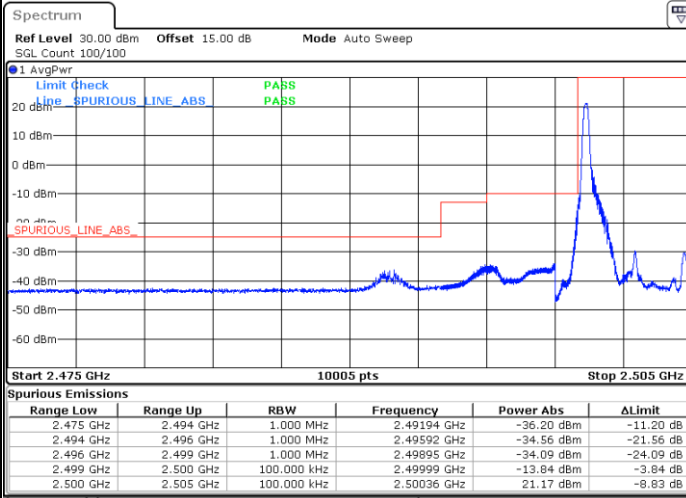




# Conducted Band Edge

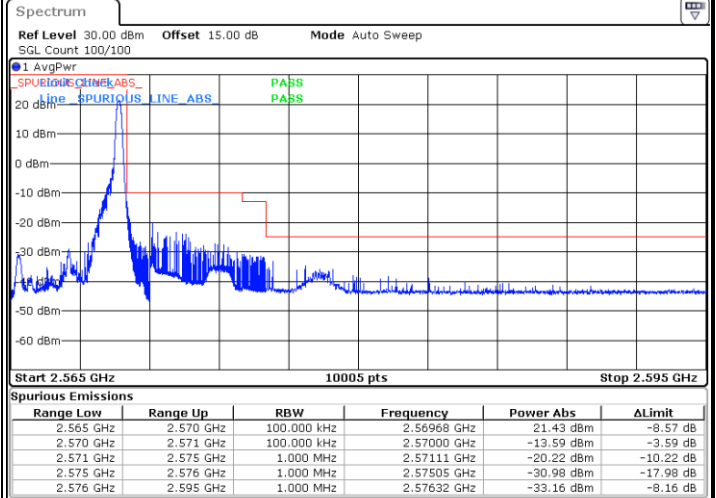
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



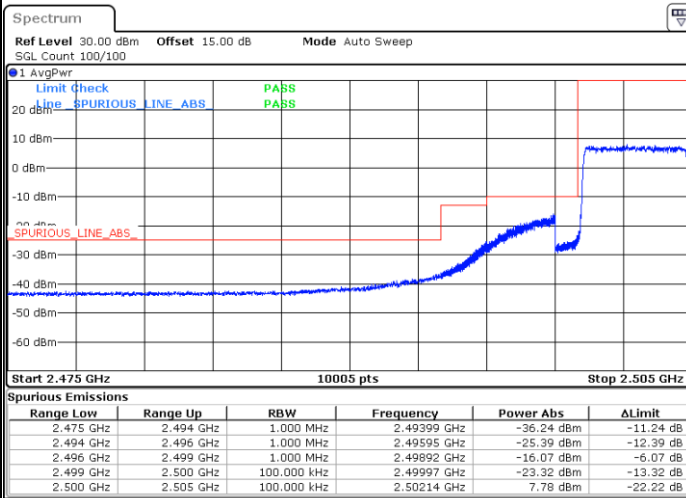
Date: 14.SEP.2024 02:28:53

### Highest Band Edge / 1 RB



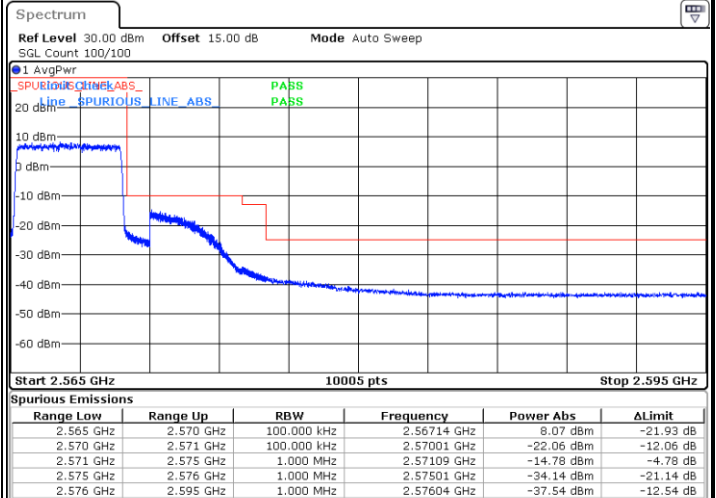
Date: 14.SEP.2024 02:38:08

### Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:31:27

### Highest Band Edge / Full RB

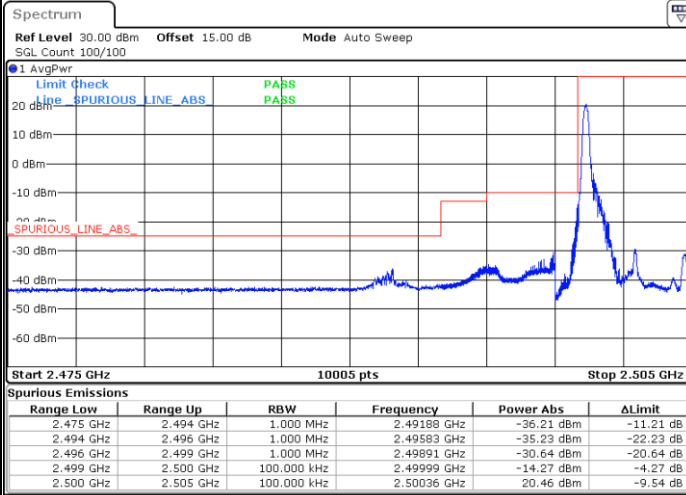


Date: 14.SEP.2024 02:40:42



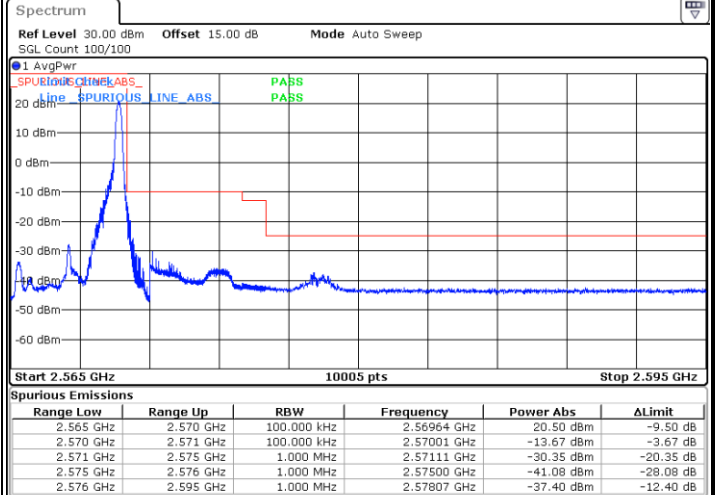
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



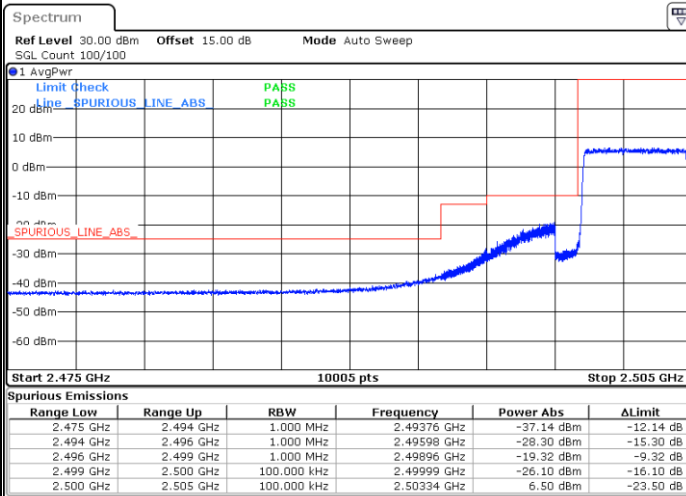
Date: 14.SEP.2024 02:29:44

Highest Band Edge / 1 RB



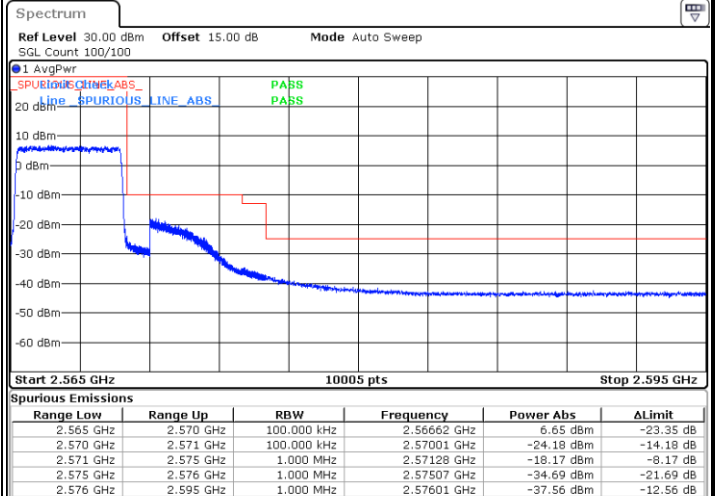
Date: 14.SEP.2024 02:38:59

Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:32:18

Highest Band Edge / Full RB

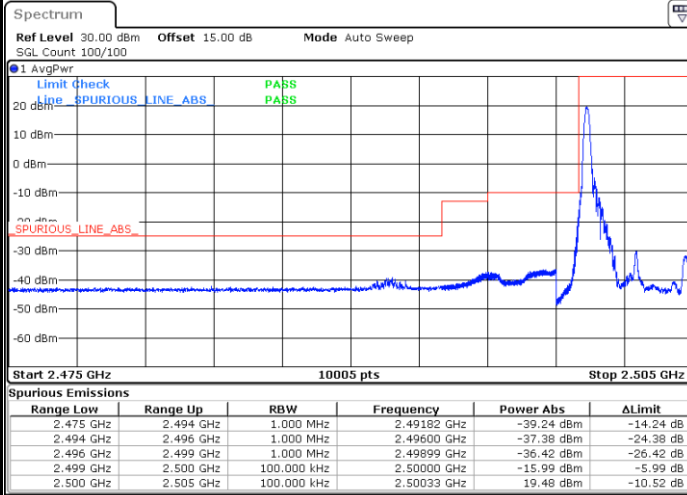


Date: 14.SEP.2024 02:41:33



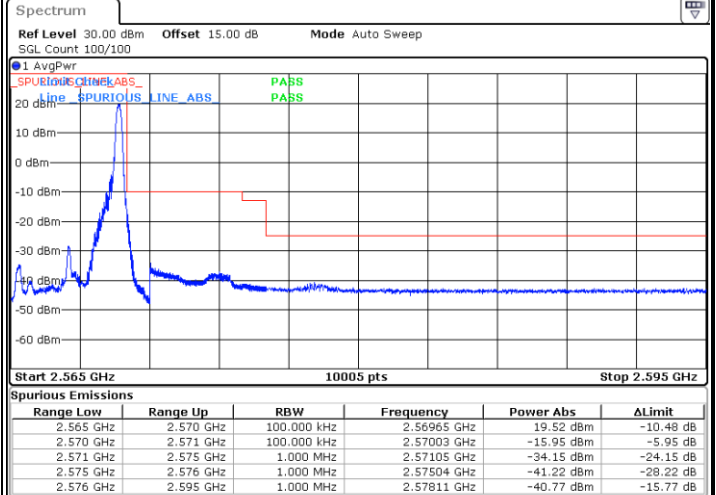
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



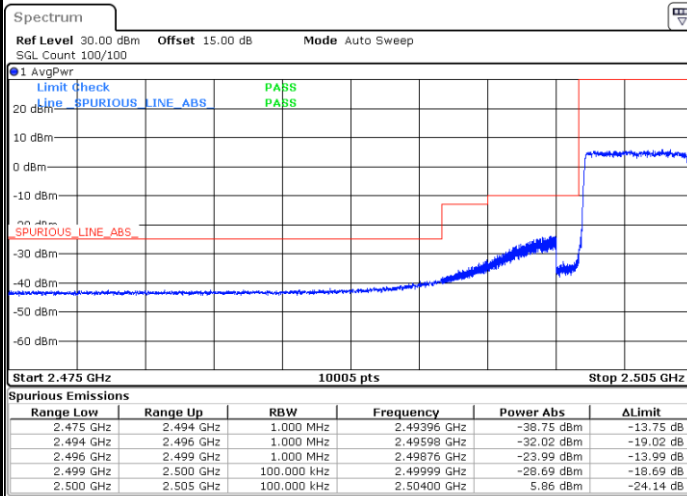
Date: 14.SEP.2024 02:30:35

Highest Band Edge / 1 RB



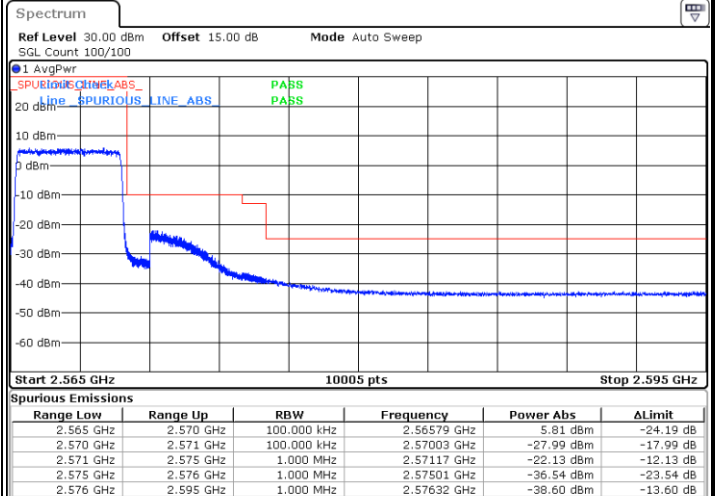
Date: 14.SEP.2024 02:39:50

Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:33:09

Highest Band Edge / Full RB



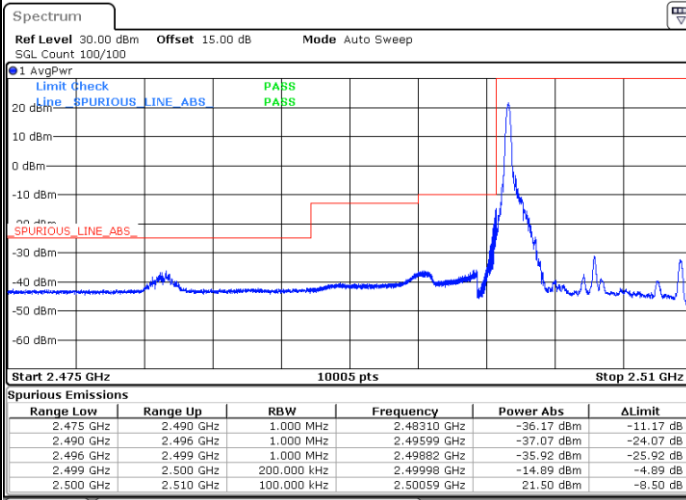
Date: 14.SEP.2024 02:42:24





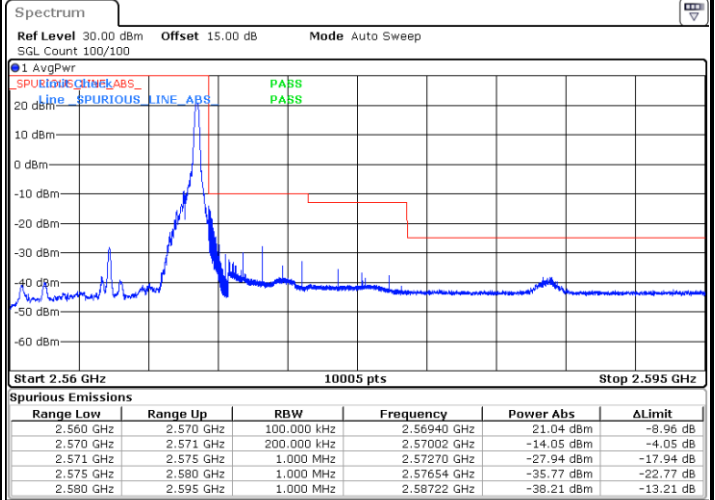
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



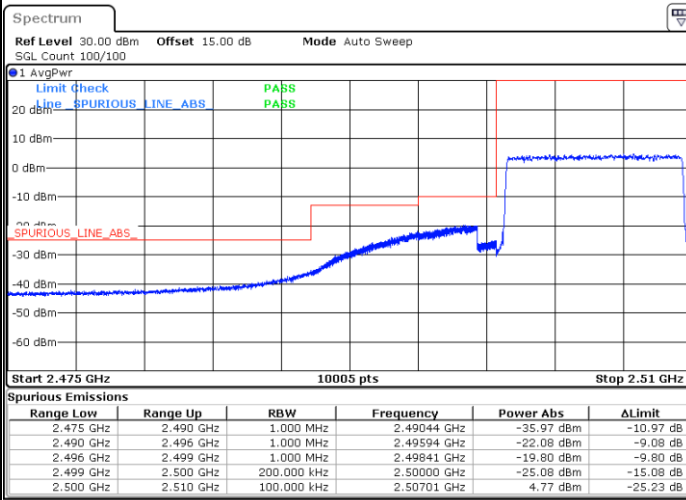
Date: 14.SEP.2024 02:45:23

Highest Band Edge / 1 RB



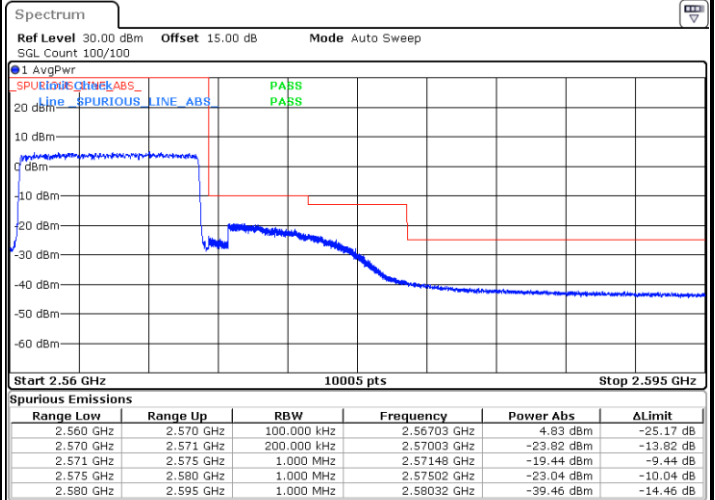
Date: 14.SEP.2024 02:54:37

Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:47:56

Highest Band Edge / Full RB

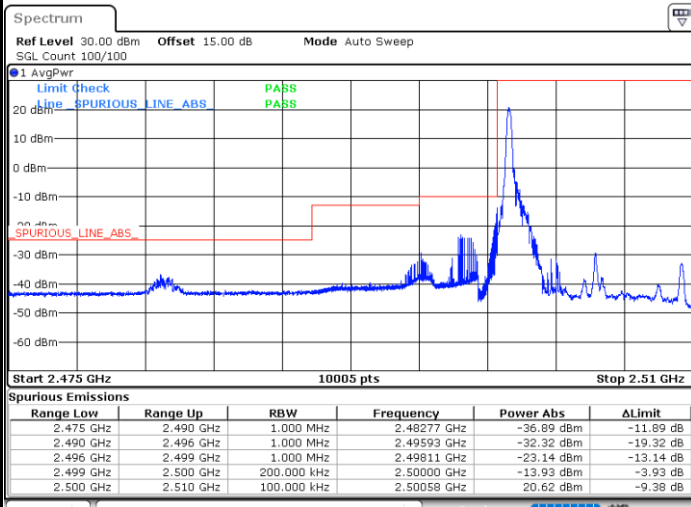


Date: 14.SEP.2024 02:57:11



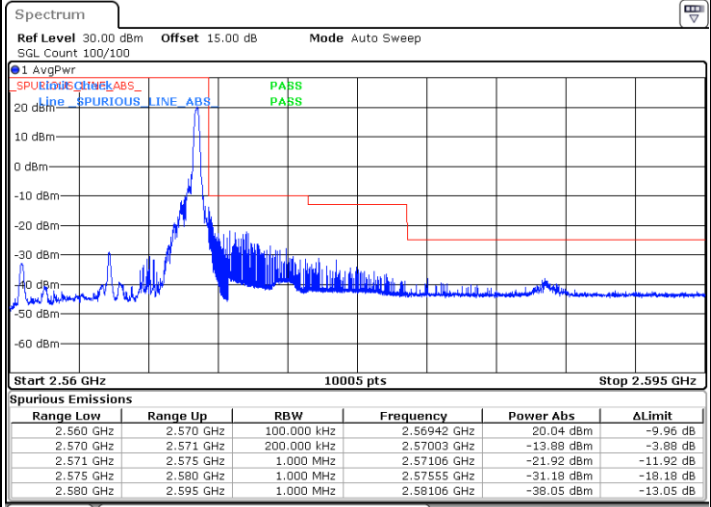
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



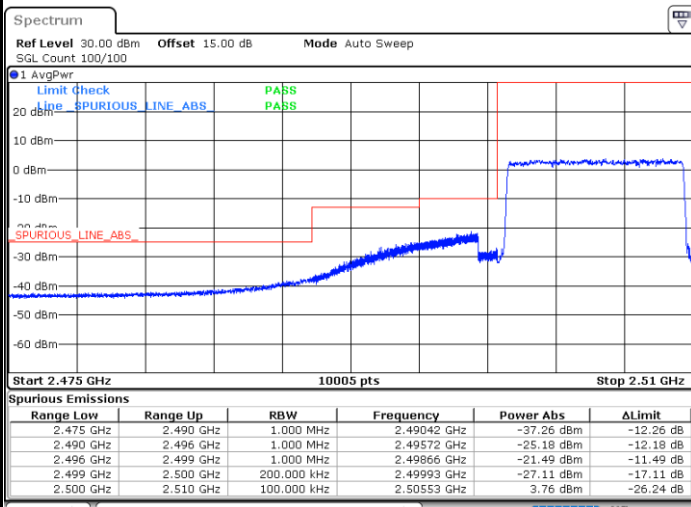
Date: 14.SEP.2024 02:46:14

Highest Band Edge / 1 RB



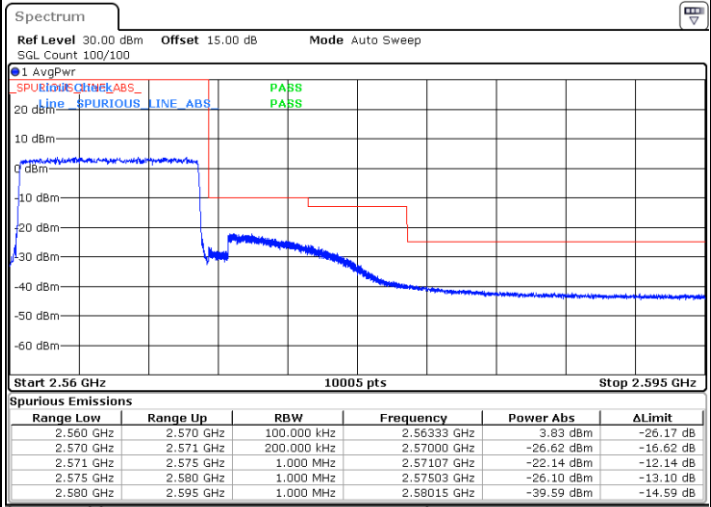
Date: 14.SEP.2024 02:55:28

Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:48:47

Highest Band Edge / Full RB

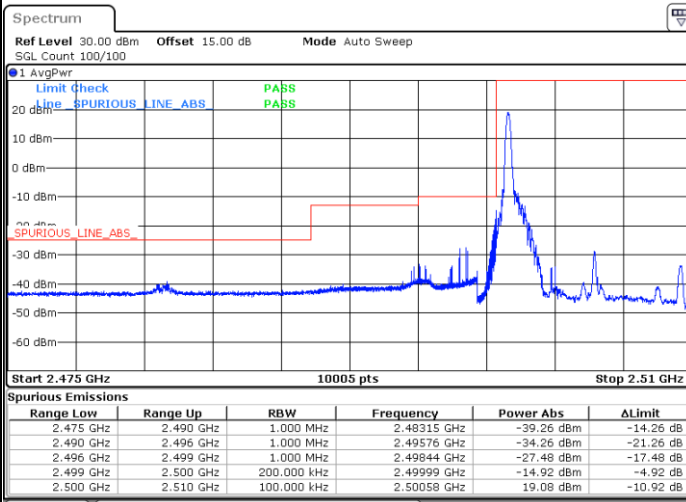


Date: 14.SEP.2024 02:58:02



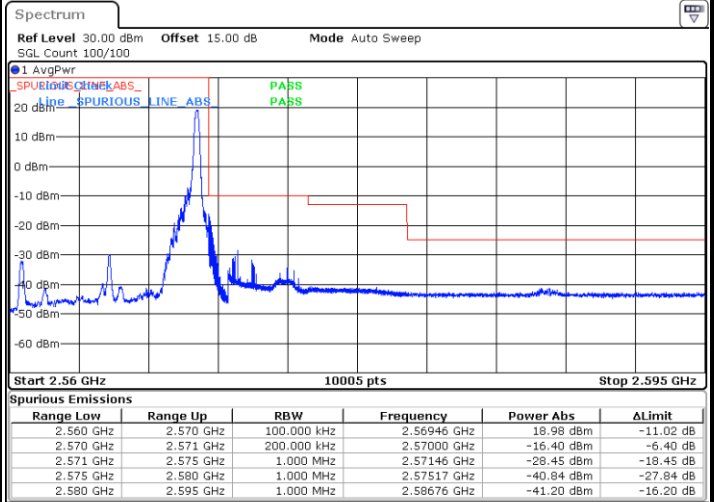
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



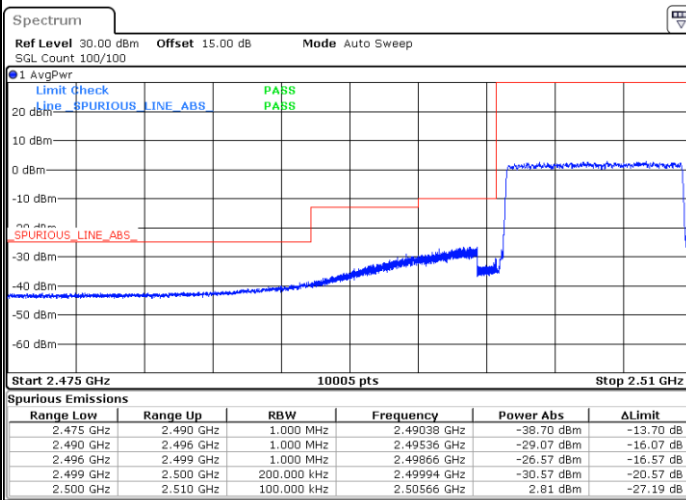
Date: 14.SEP.2024 02:47:05

Highest Band Edge / 1 RB



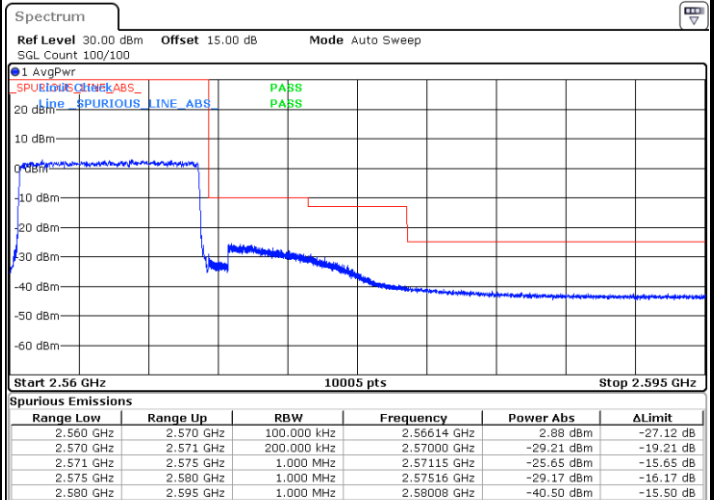
Date: 14.SEP.2024 02:56:19

Lowest Band Edge / Full RB



Date: 14.SEP.2024 02:49:38

Highest Band Edge / Full RB

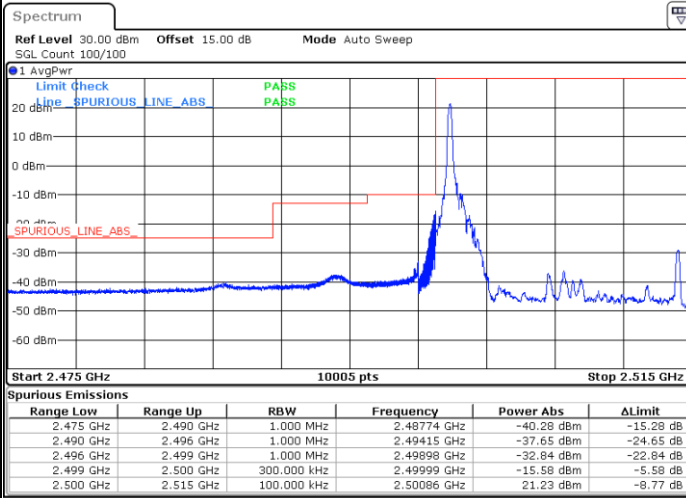


Date: 14.SEP.2024 02:58:53

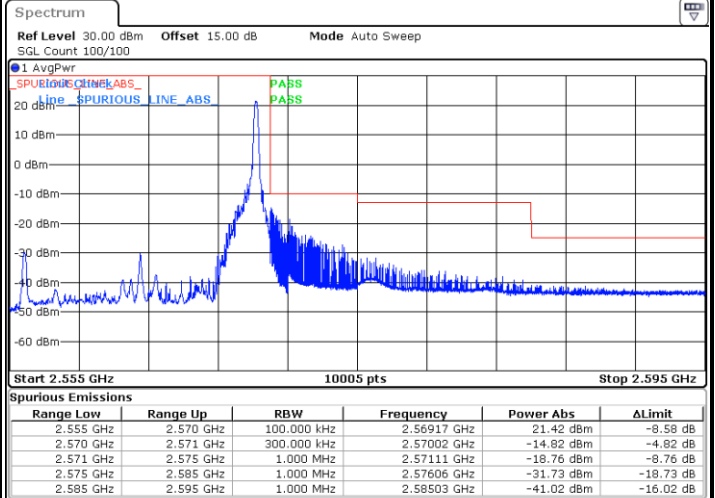


LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



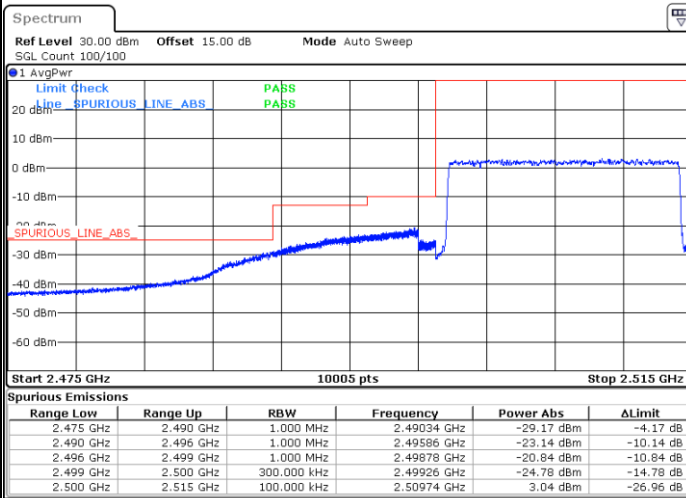
Highest Band Edge / 1 RB



Date: 14.SEP.2024 03:01:52

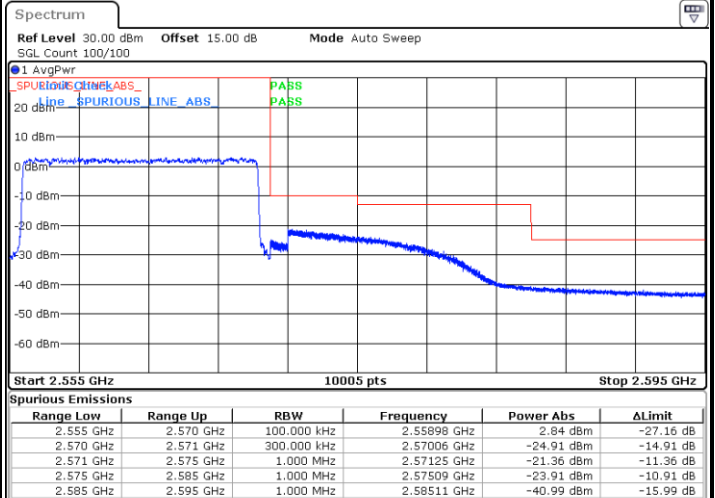
Date: 14.SEP.2024 03:11:07

Lowest Band Edge / Full RB



Date: 14.SEP.2024 03:04:26

Highest Band Edge / Full RB

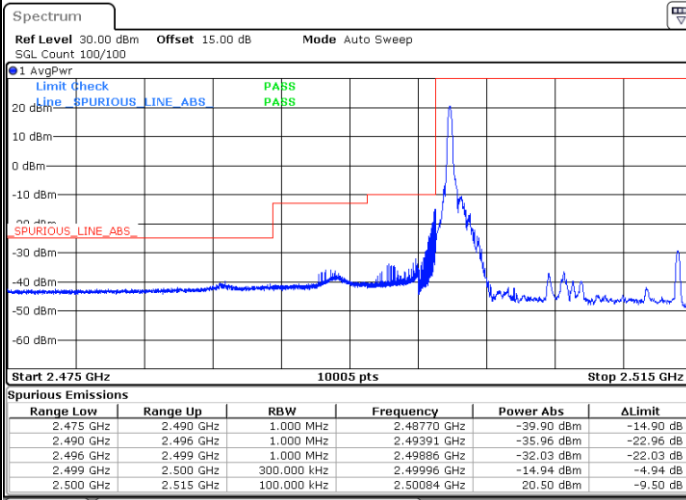


Date: 14.SEP.2024 03:13:41



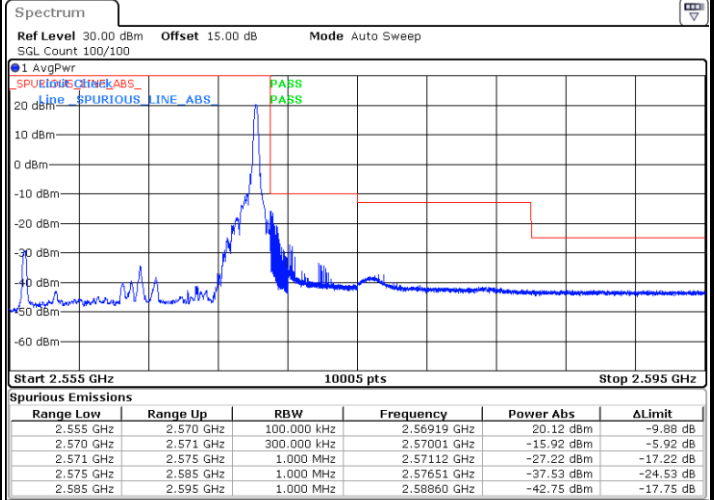
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



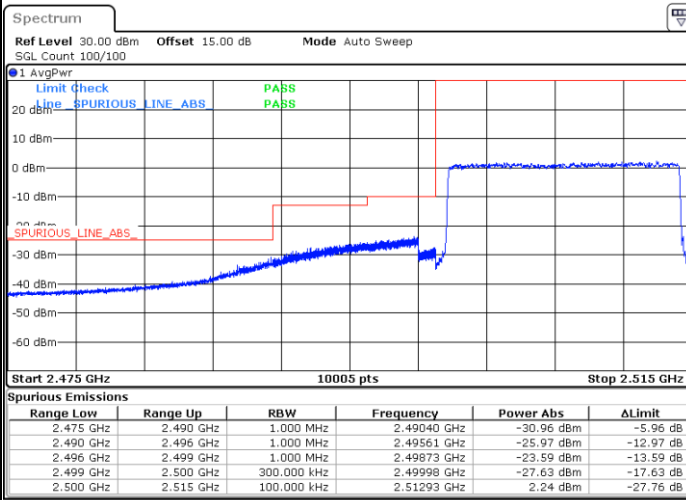
Date: 14.SEP.2024 03:02:43

Highest Band Edge / 1 RB



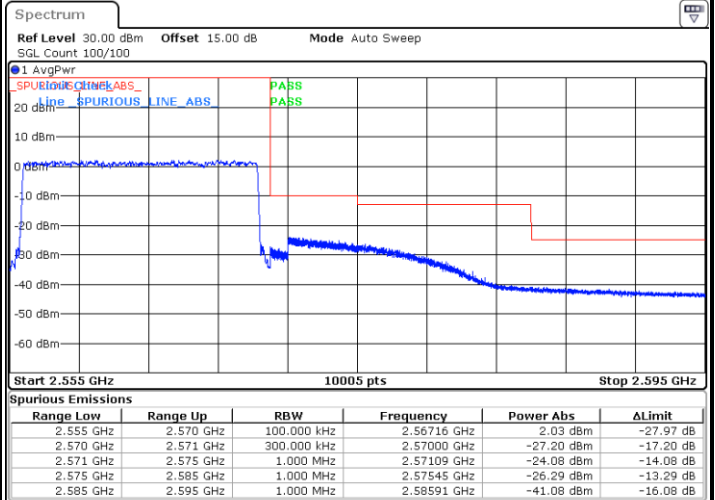
Date: 14.SEP.2024 03:11:58

Lowest Band Edge / Full RB



Date: 14.SEP.2024 03:05:17

Highest Band Edge / Full RB

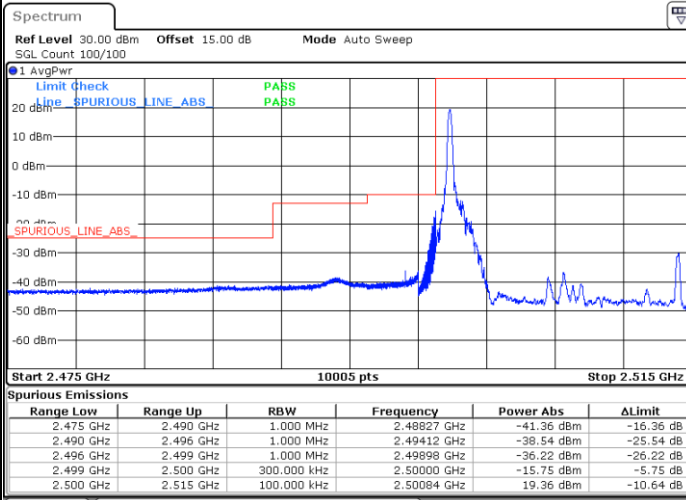


Date: 14.SEP.2024 03:14:32



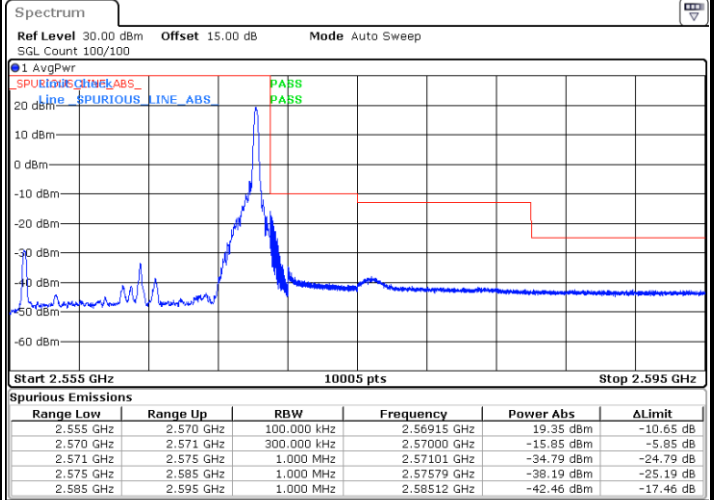
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



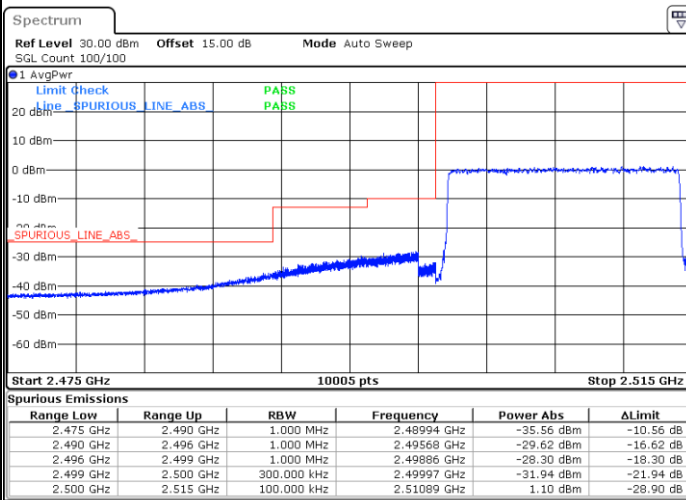
Date: 14.SEP.2024 03:03:34

Highest Band Edge / 1 RB



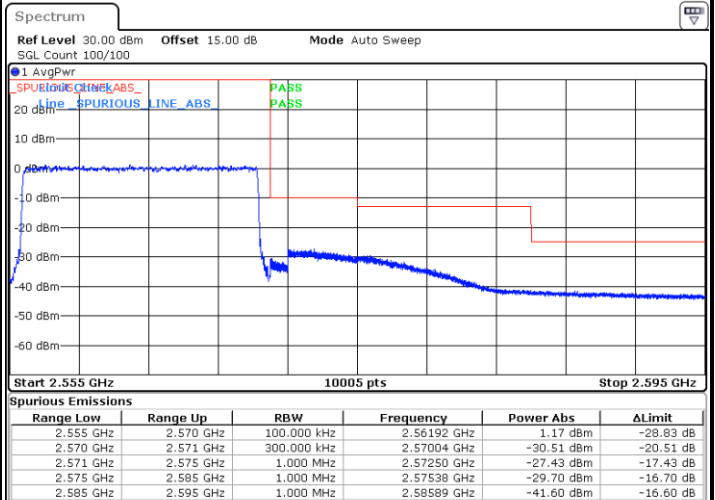
Date: 14.SEP.2024 03:12:49

Lowest Band Edge / Full RB



Date: 14.SEP.2024 03:06:08

Highest Band Edge / Full RB

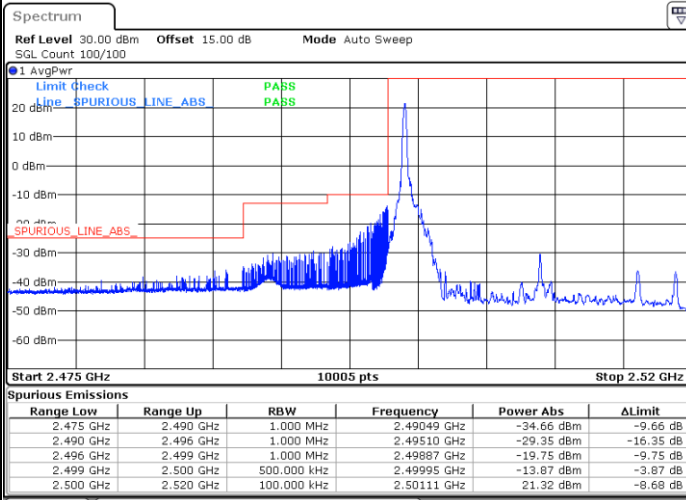


Date: 14.SEP.2024 03:15:23



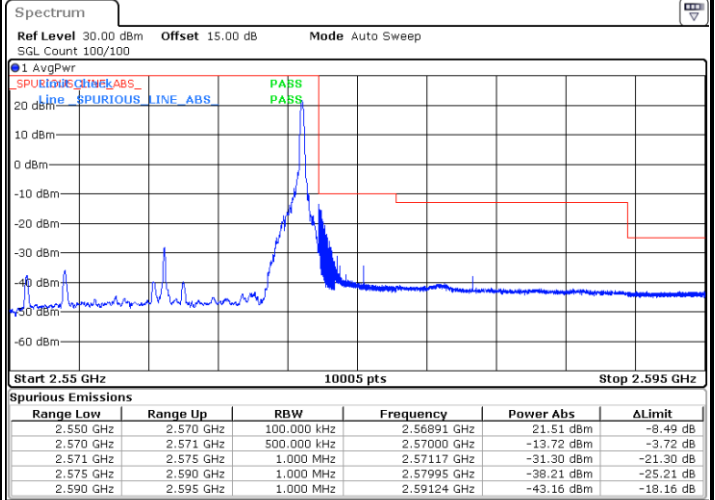
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



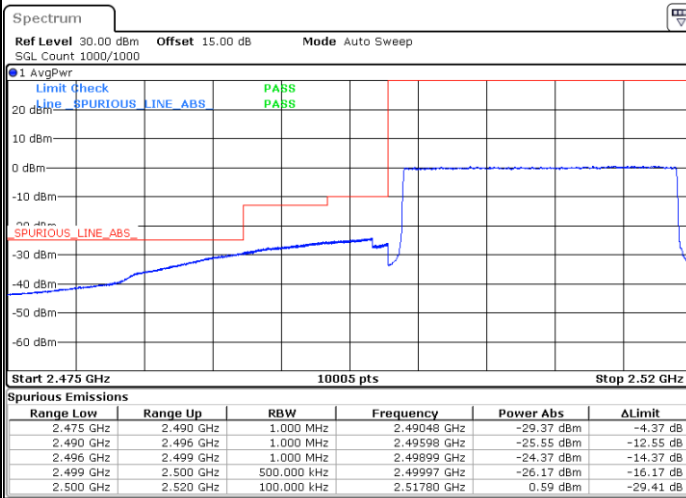
Date: 14.SEP.2024 03:18:22

Highest Band Edge / 1 RB



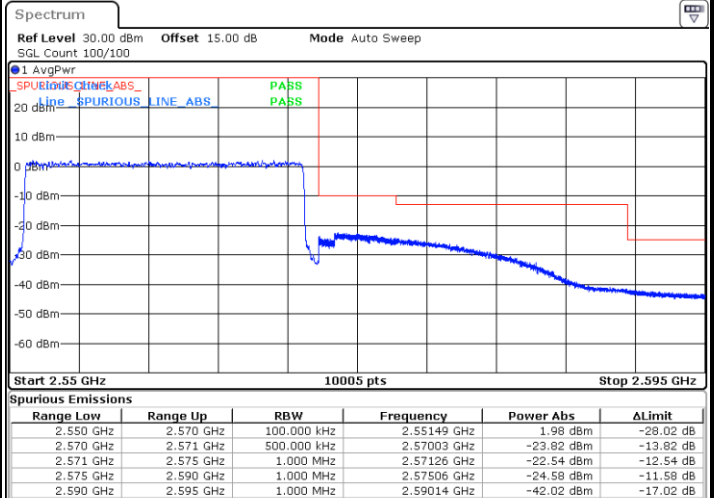
Date: 14.SEP.2024 03:28:59

Lowest Band Edge / Full RB



Date: 18.SEP.2024 11:49:45

Highest Band Edge / Full RB



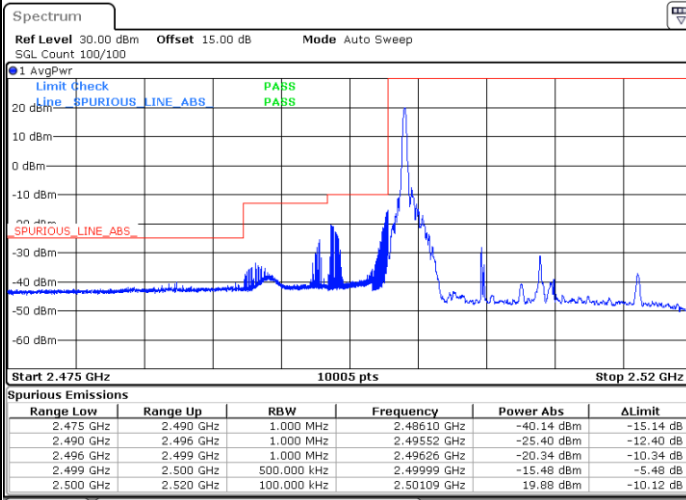
Date: 14.SEP.2024 03:31:32





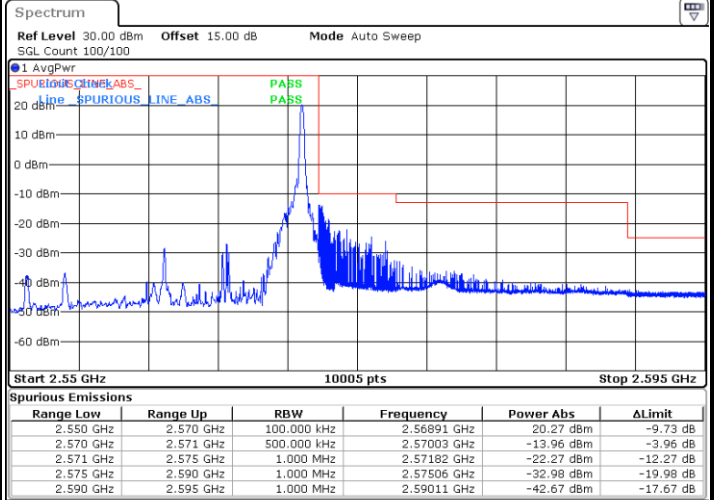
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



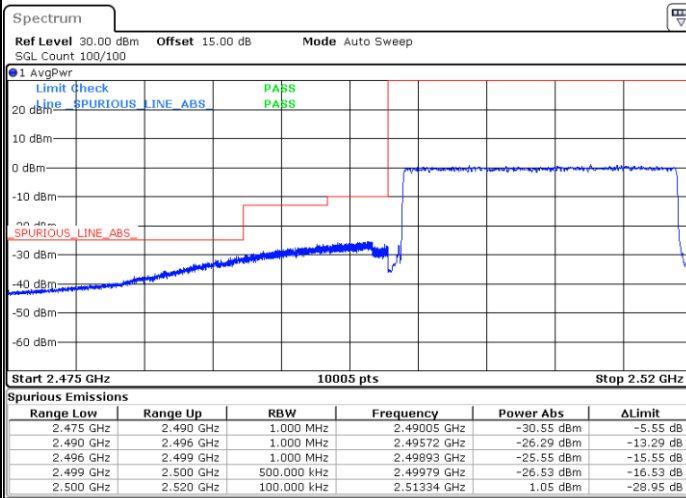
Date: 14.SEP.2024 03:19:13

Highest Band Edge / 1 RB



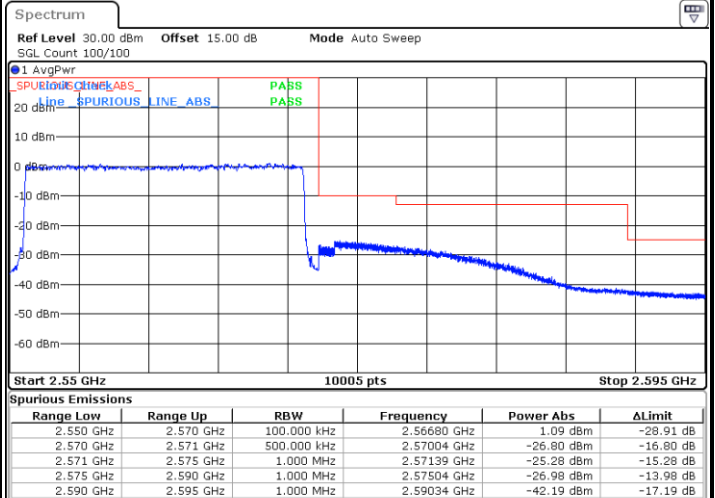
Date: 14.SEP.2024 03:29:50

Lowest Band Edge / Full RB



Date: 14.SEP.2024 03:21:47

Highest Band Edge / Full RB



Date: 14.SEP.2024 03:32:23

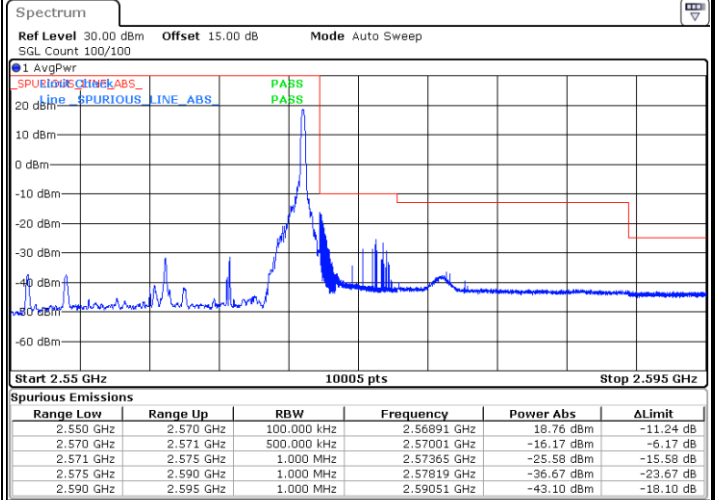
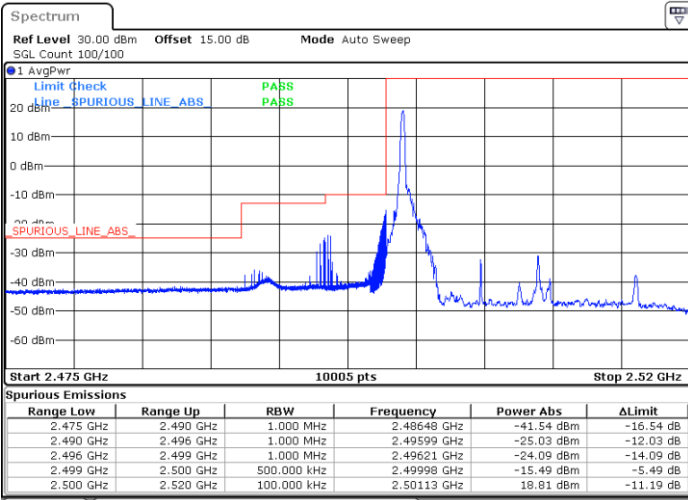




LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

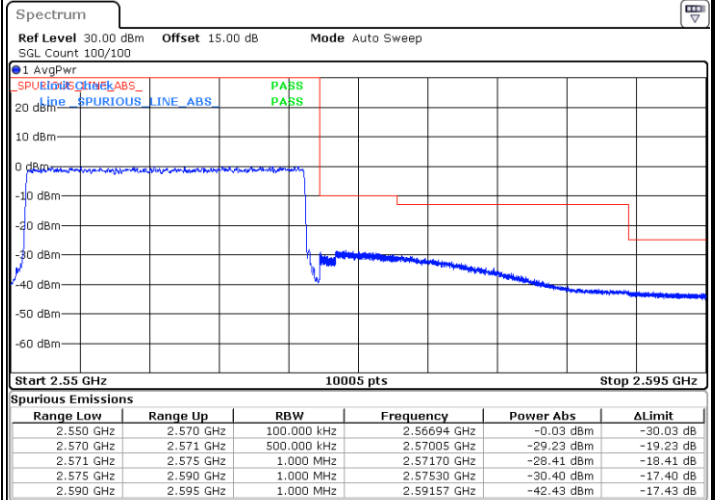
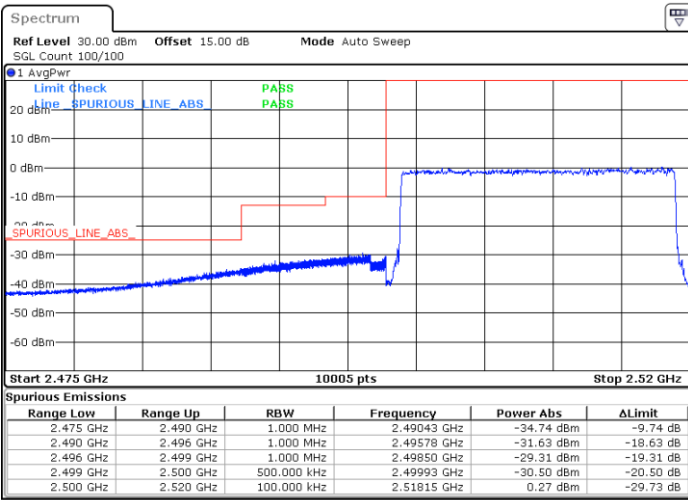


Date: 14.SEP.2024 03:20:04

Date: 14.SEP.2024 03:30:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

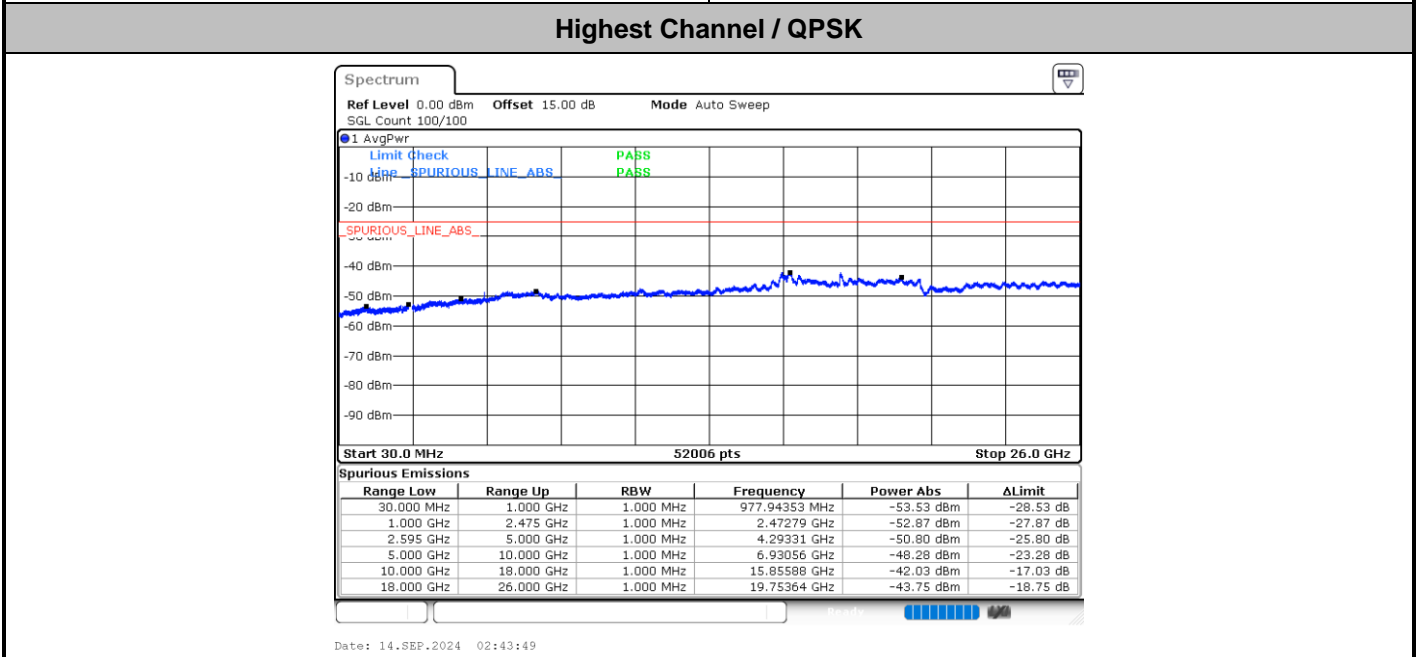
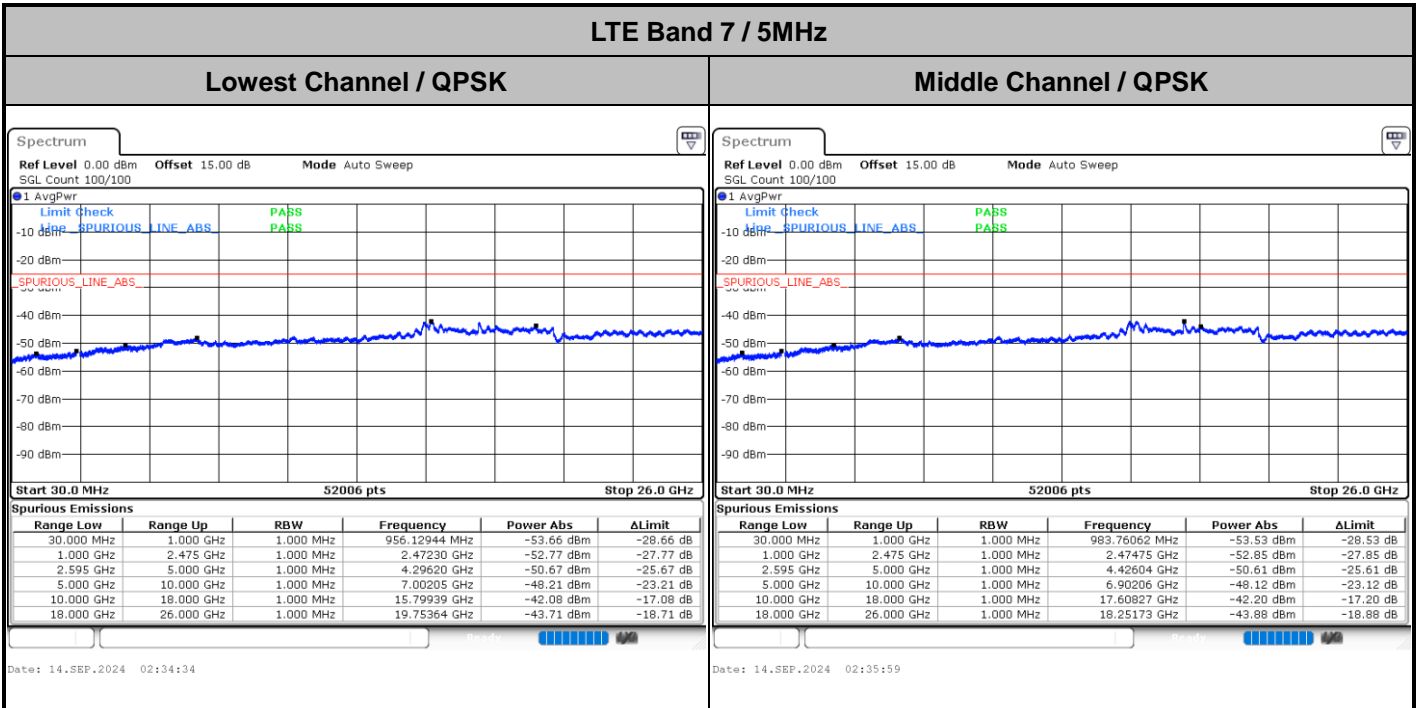


Date: 14.SEP.2024 03:22:39

Date: 14.SEP.2024 03:33:14



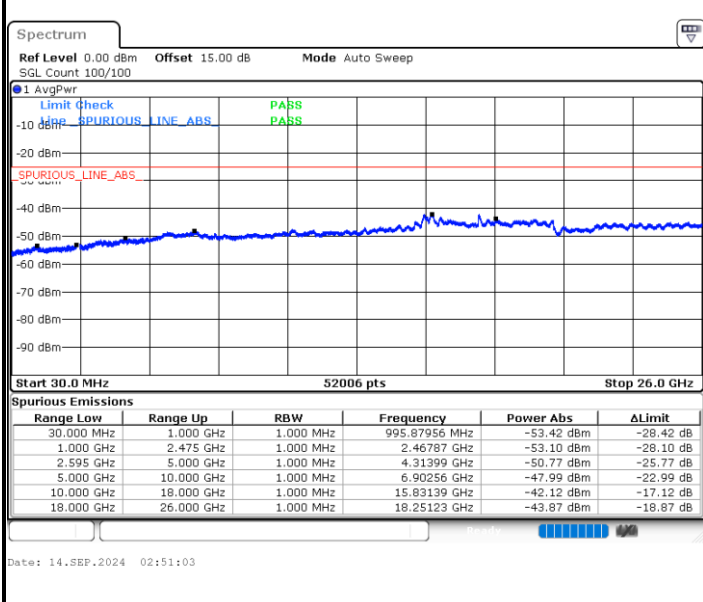
# Conducted Spurious Emission



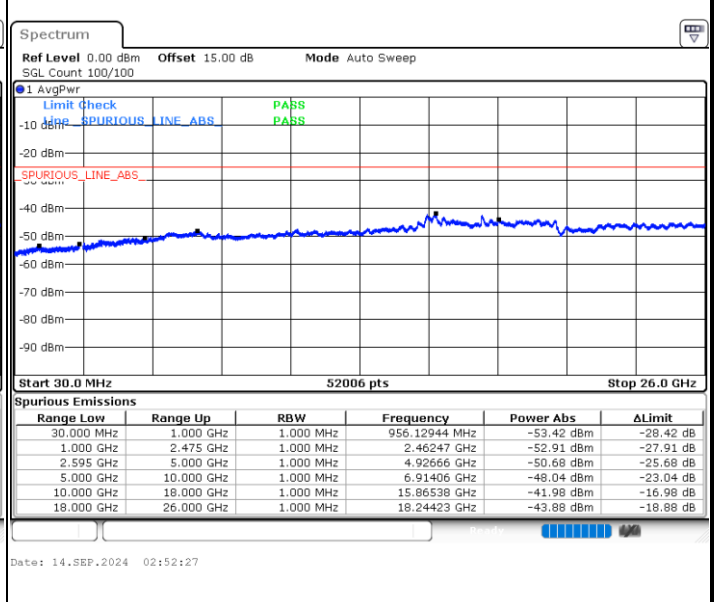


**LTE Band 7 / 10MHz**

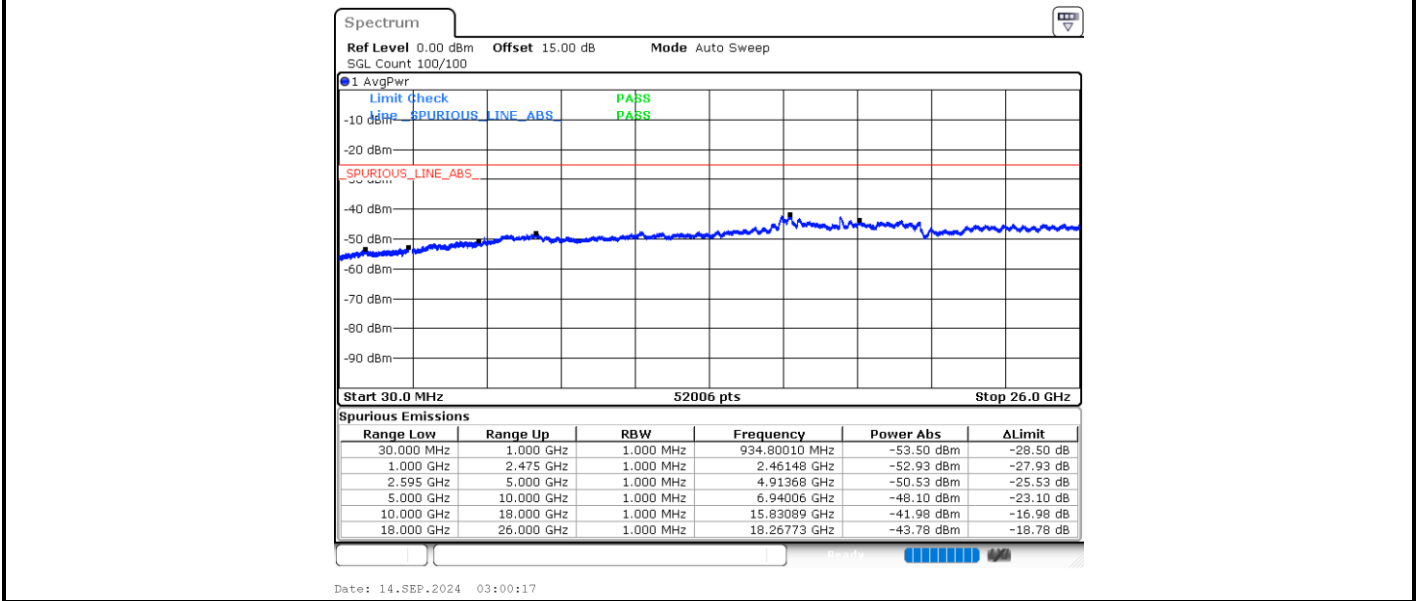
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

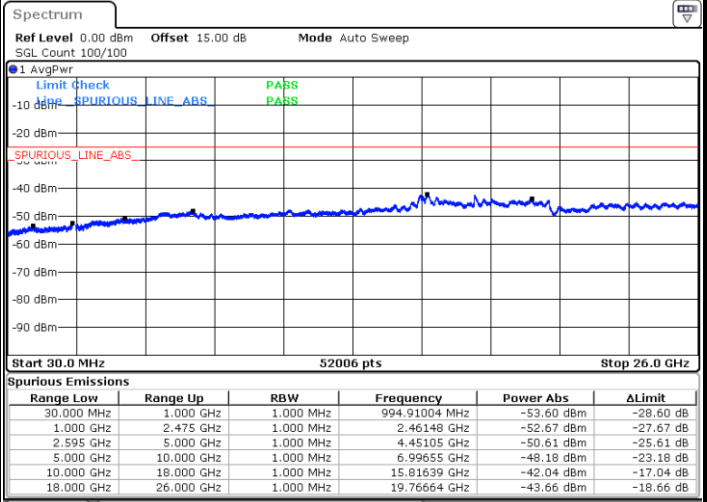
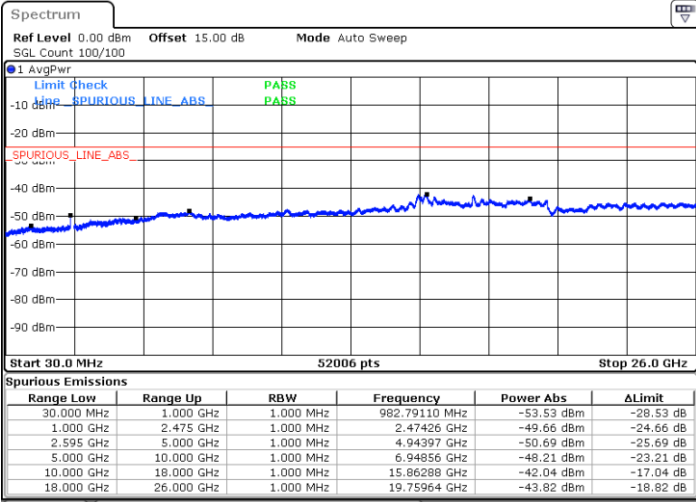




LTE Band 7 / 15MHz

Lowest Channel / QPSK

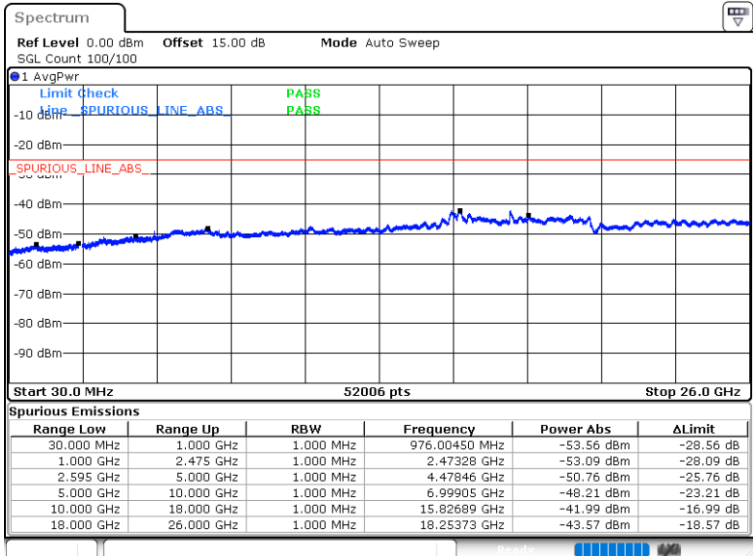
Middle Channel / QPSK



Date: 14.SEP.2024 03:07:33

Date: 14.SEP.2024 03:08:58

Highest Channel / QPSK



Date: 14.SEP.2024 03:16:47