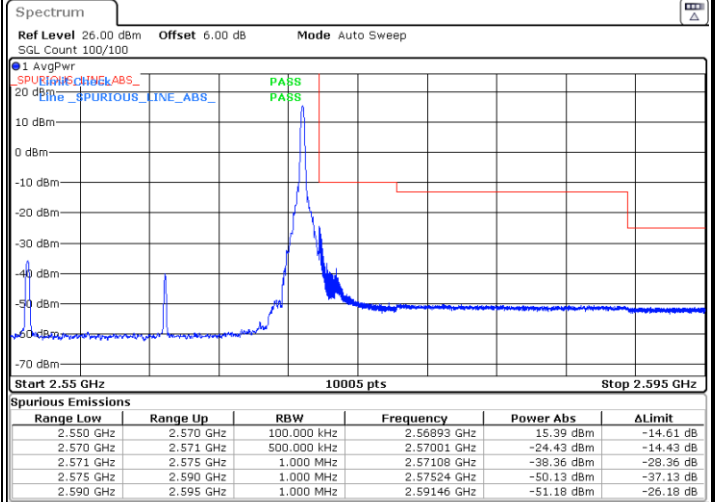
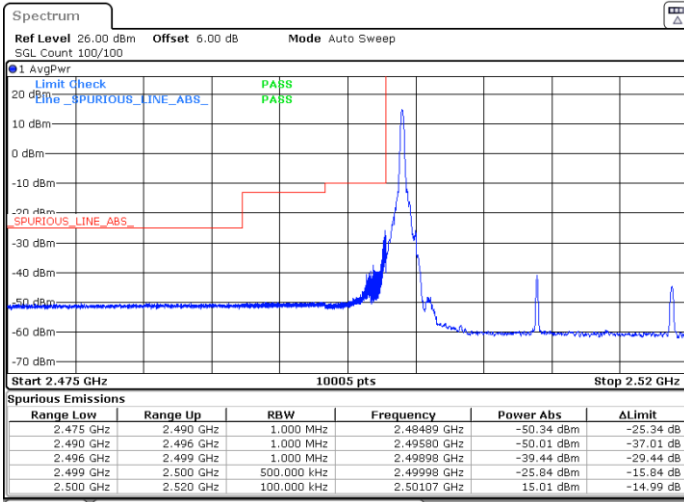




LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

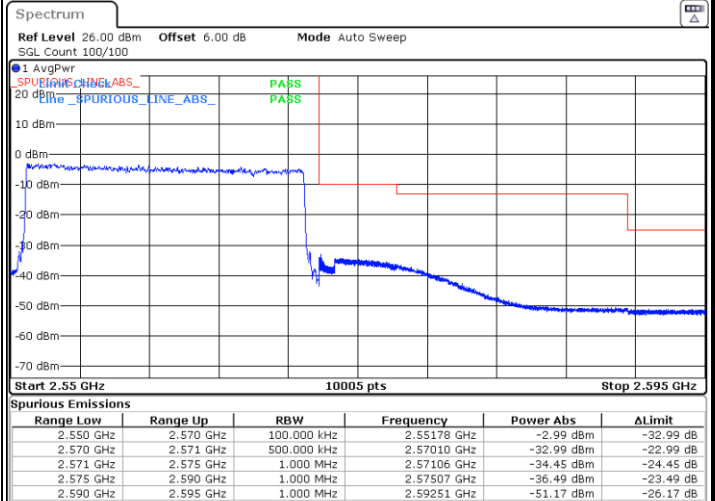
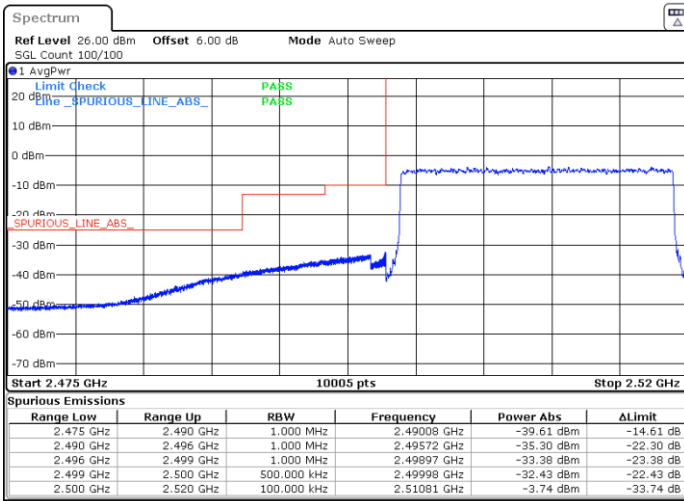


Date: 19\_SEP.2024 03:22:22

Date: 19\_SEP.2024 03:29:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

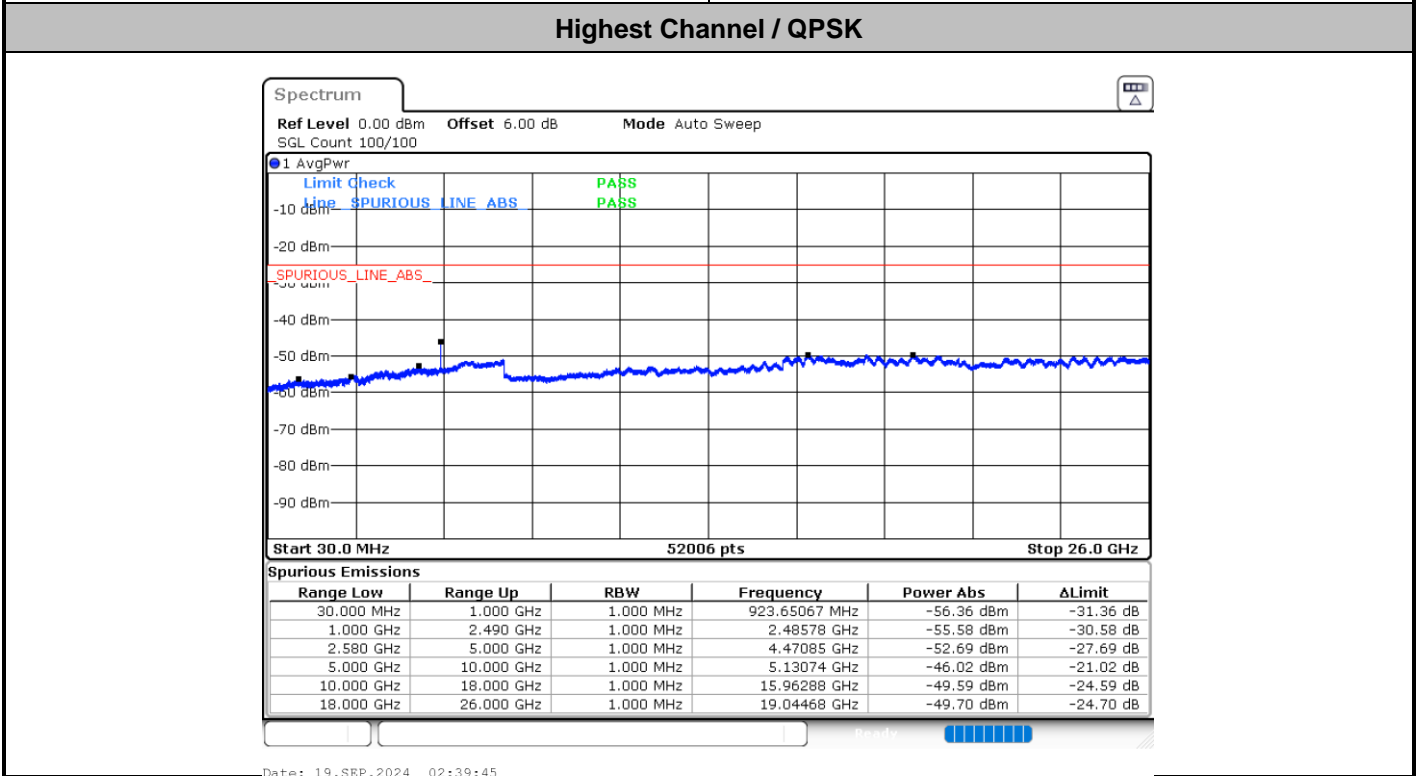
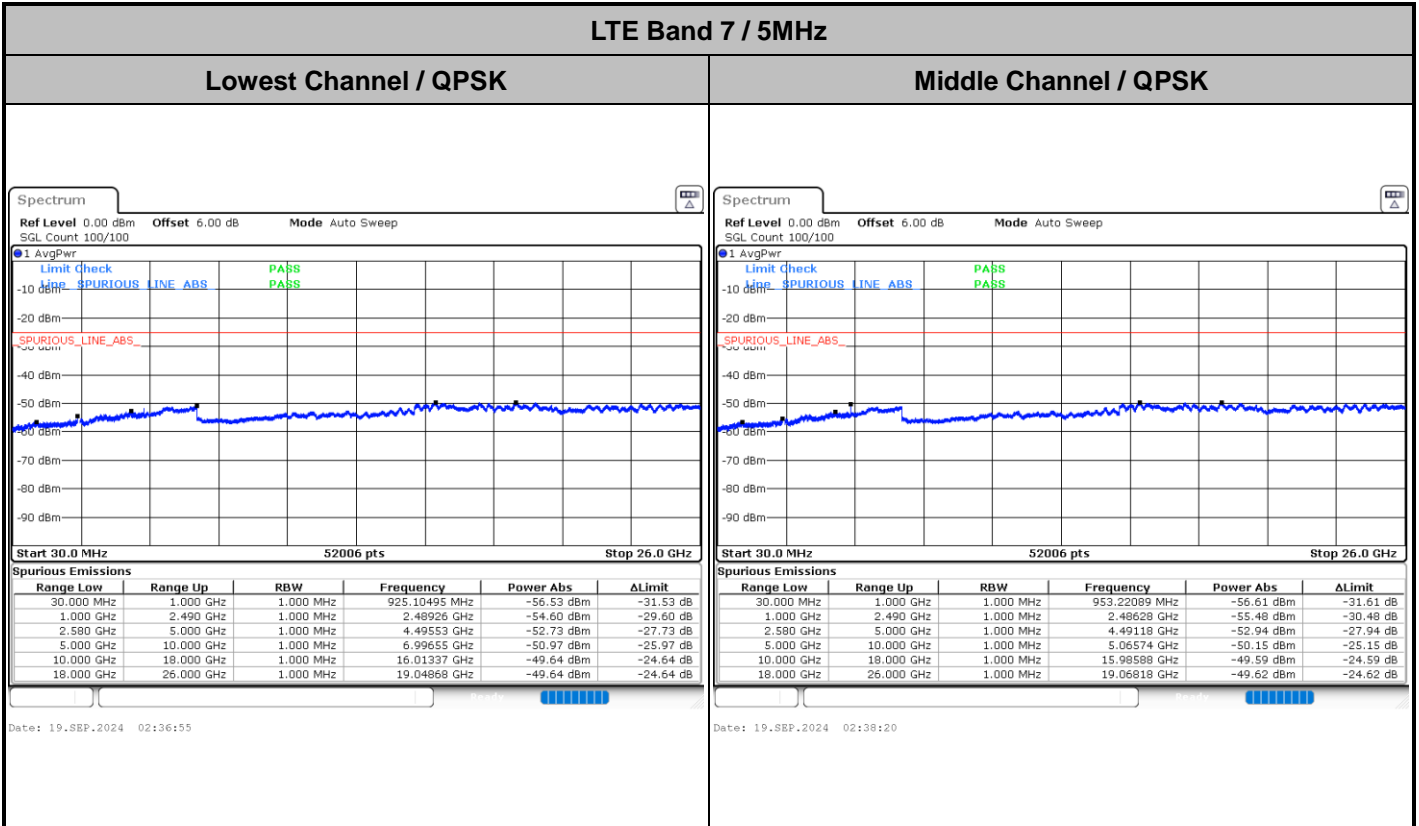


Date: 19\_SEP.2024 03:19:32

Date: 19\_SEP.2024 03:32:19



# Conducted Spurious Emission

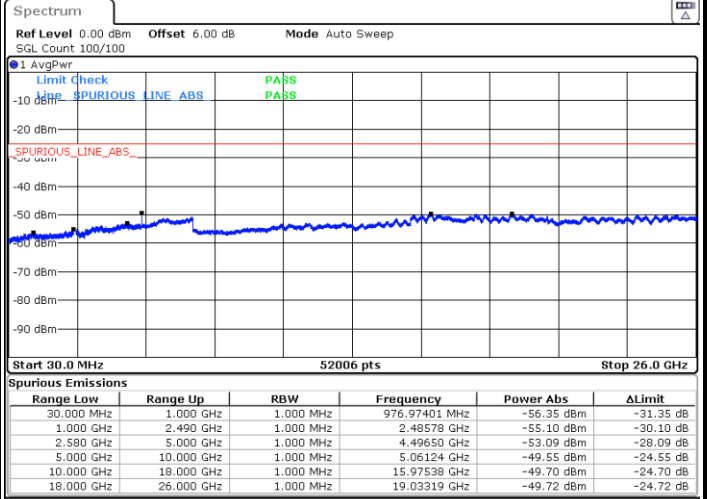
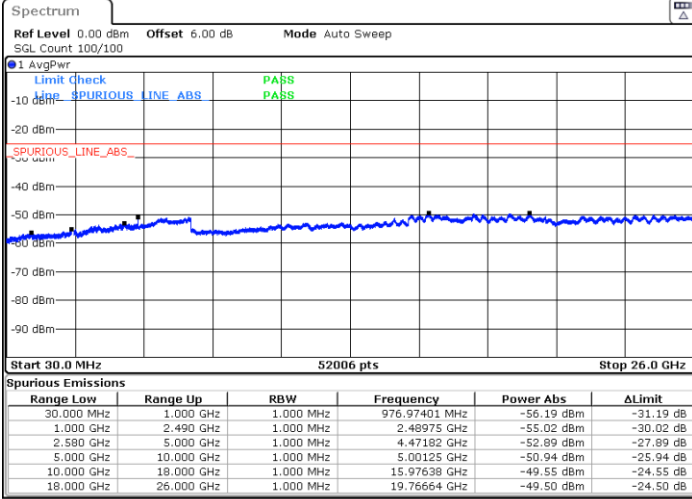




LTE Band 7 / 10MHz

Lowest Channel / QPSK

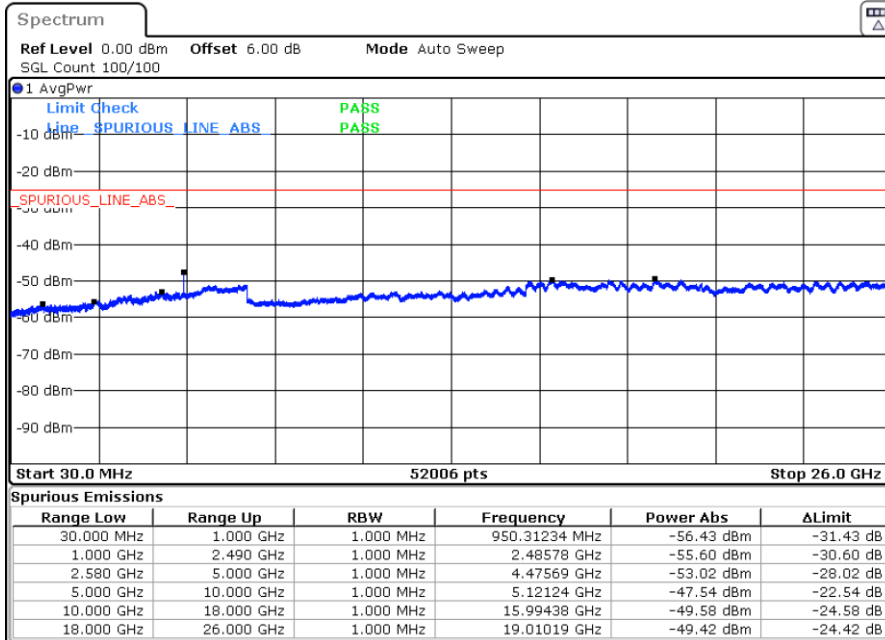
Middle Channel / QPSK



Date: 19-SEP-2024 02:52:29

Date: 19-SEP-2024 02:53:54

Highest Channel / QPSK



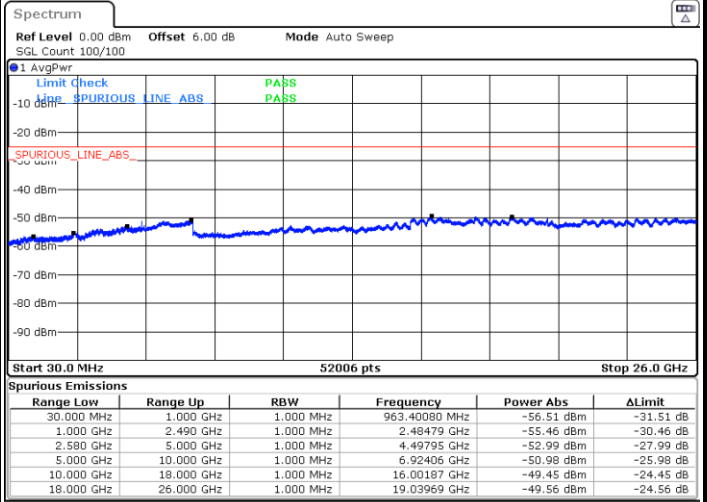
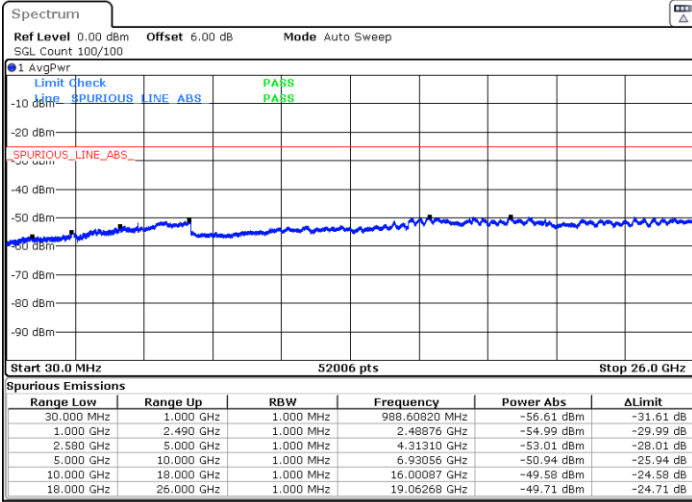
Date: 19-SEP-2024 02:55:19



LTE Band 7 / 15MHz

Lowest Channel / QPSK

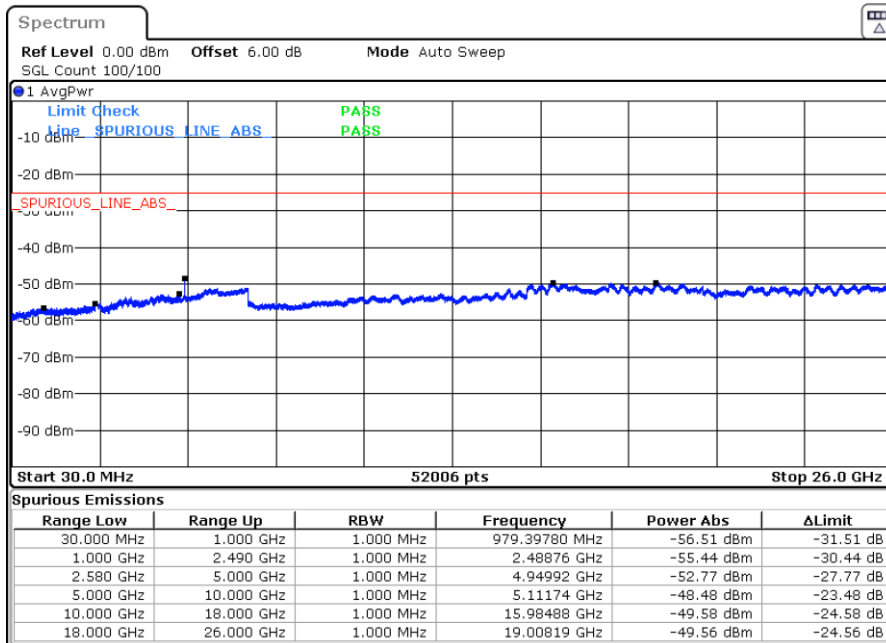
Middle Channel / QPSK



Date: 19-SEP-2024 03:08:04

Date: 19-SEP-2024 03:09:28

Highest Channel / QPSK



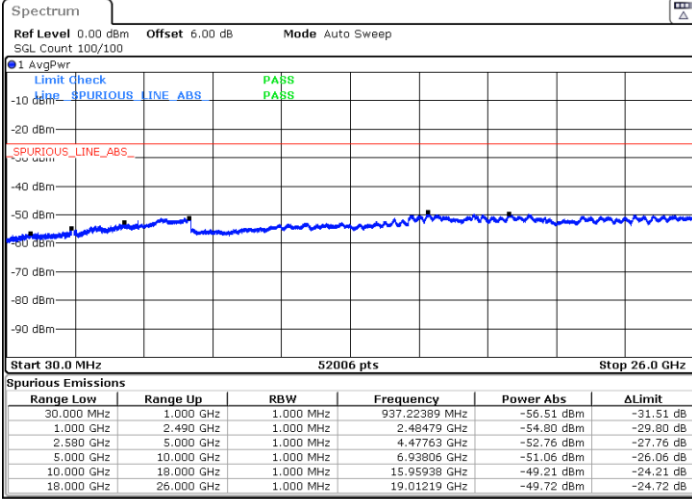
Date: 19-SEP-2024 03:10:53



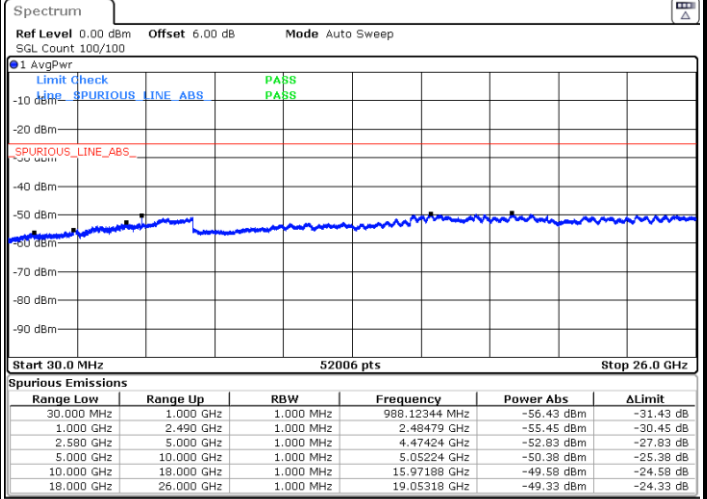
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

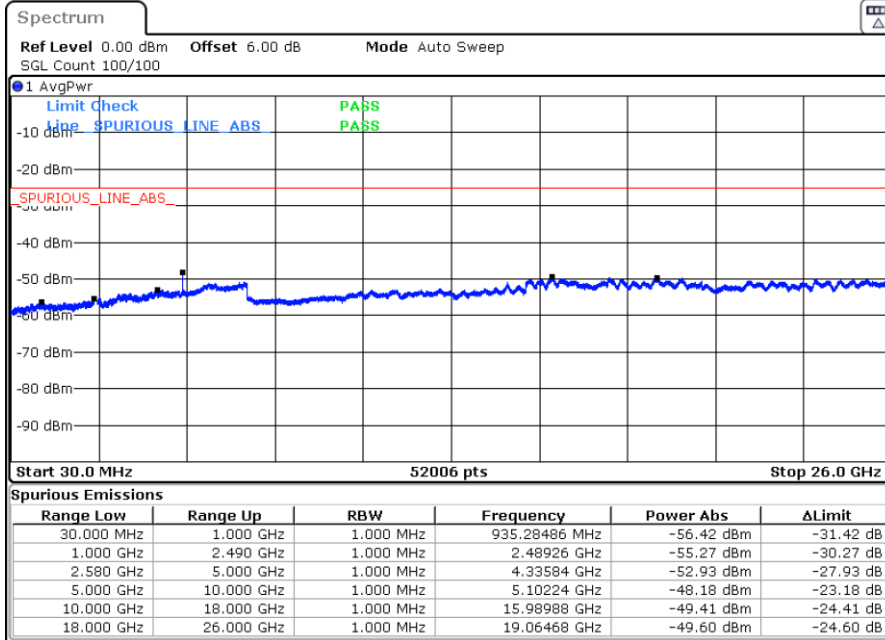


Date: 19-SEP-2024 03:23:50



Date: 19-SEP-2024 03:25:16

Highest Channel / QPSK



Date: 19-SEP-2024 03:26:42



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0013	

Note:

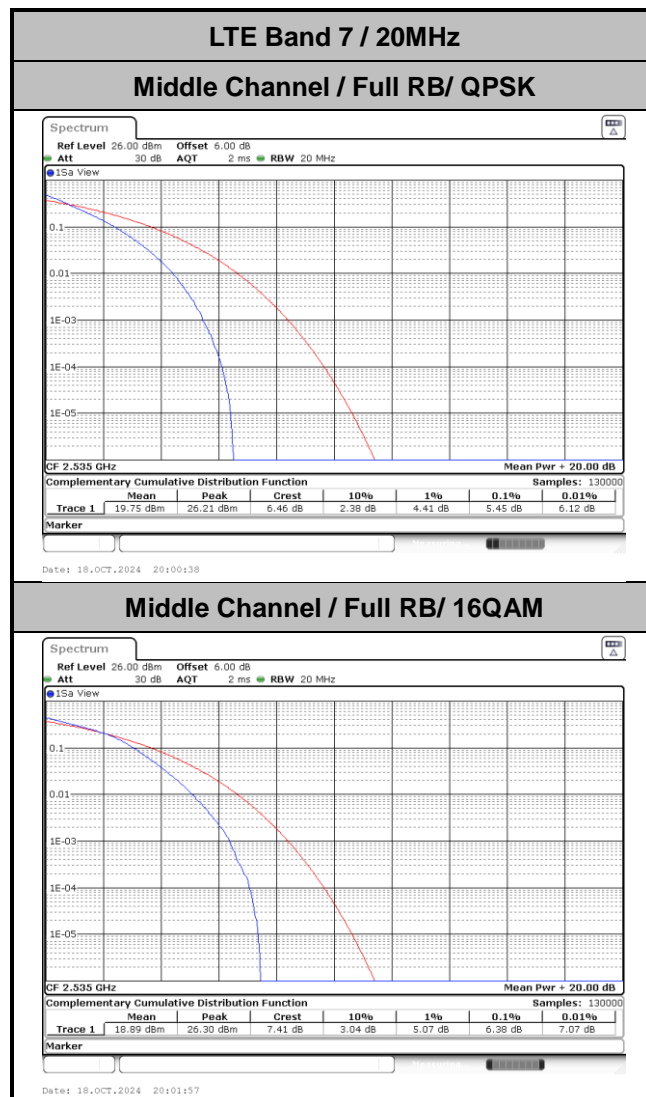
1. Normal Voltage =3.87 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

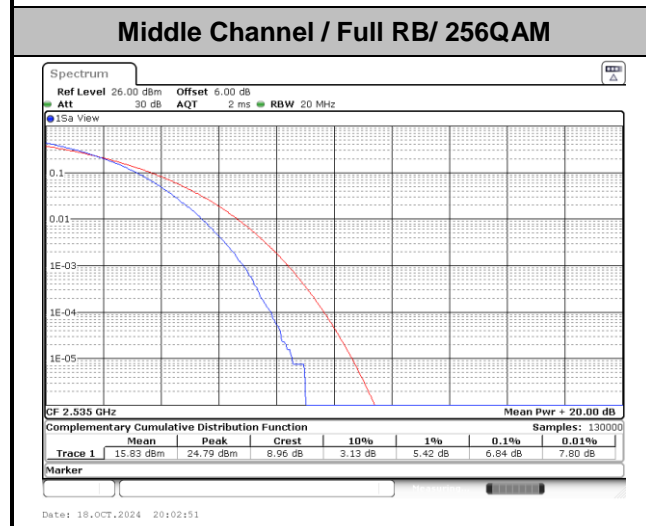
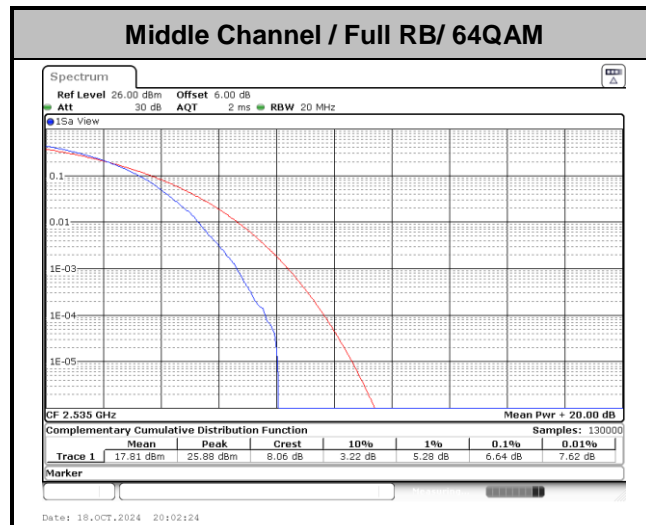


# LTE Band 7(Other PA)

## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.45	6.38	6.64	6.84	PASS



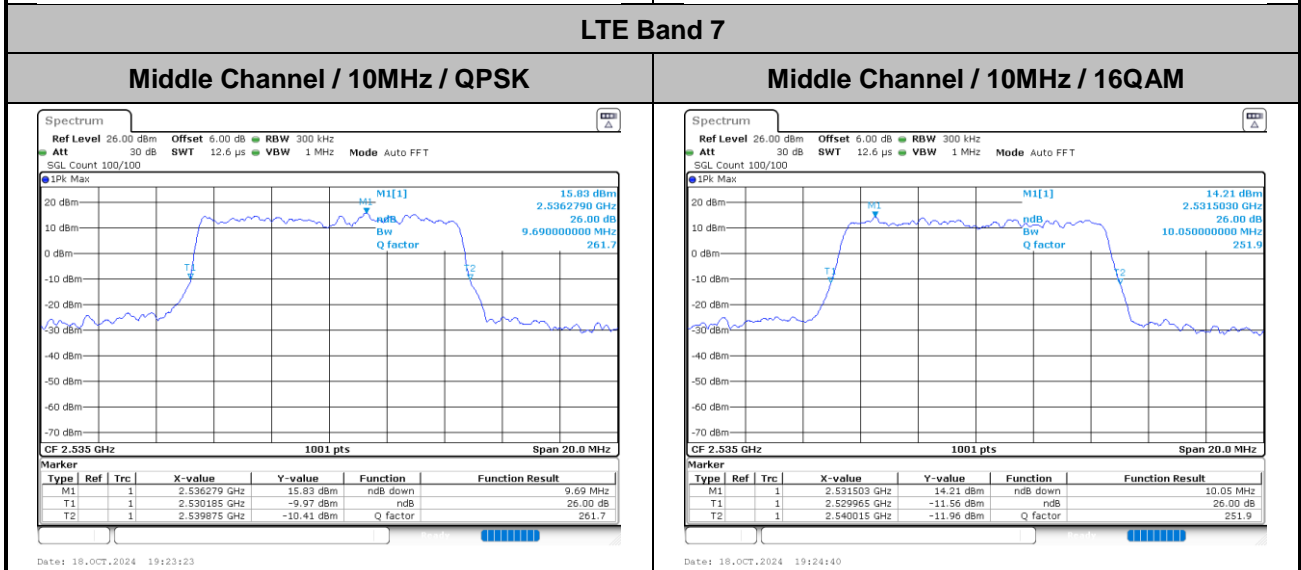
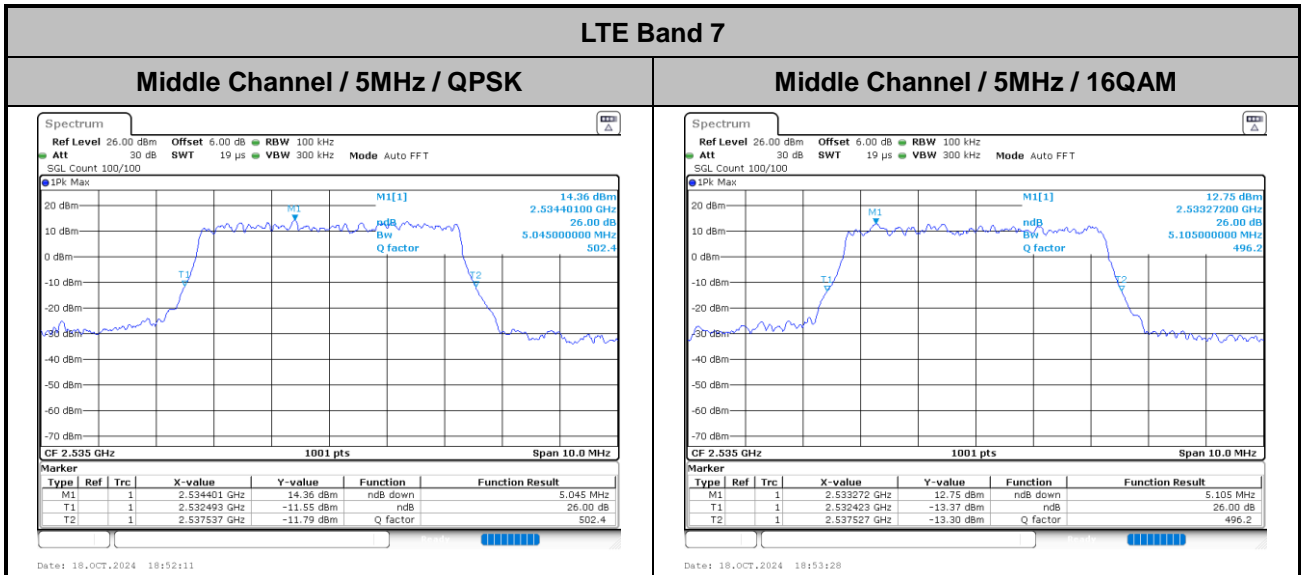






## 26dB Bandwidth

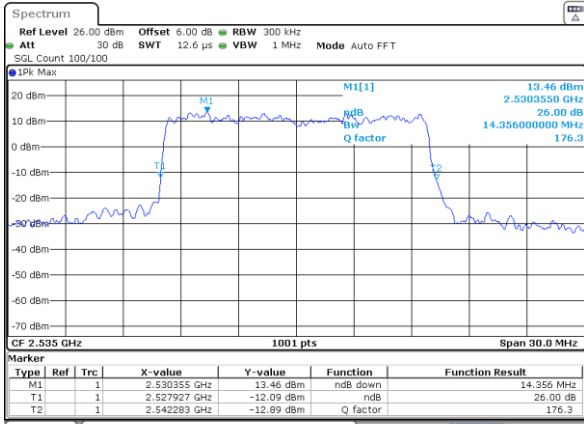
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.05	5.11	9.69	10.05	14.36	14.90	19.30	19.14



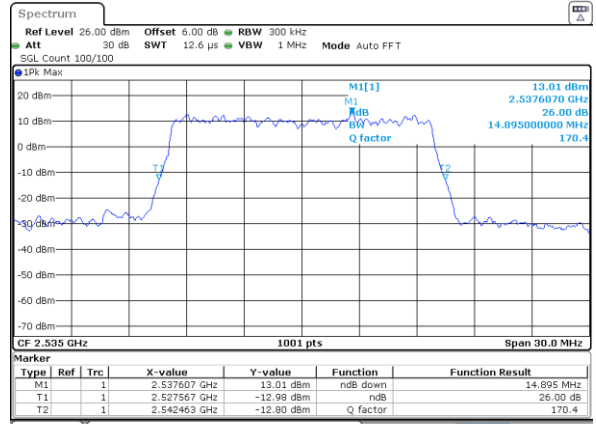


LTE Band 7

Middle Channel / 15MHz / QPSK

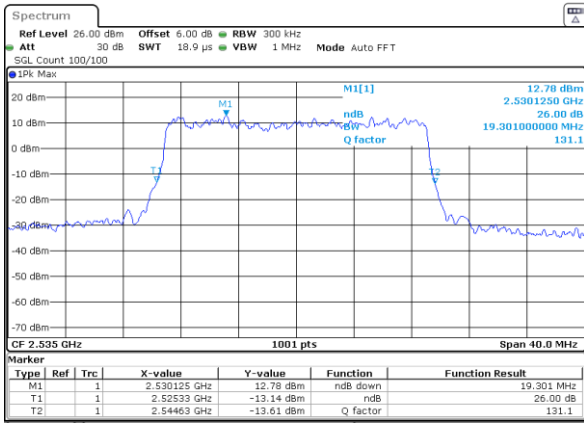


Middle Channel / 15MHz / 16QAM

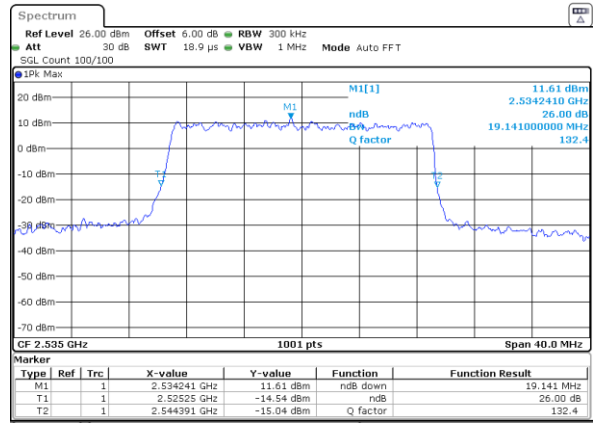


LTE Band 7

Middle Channel / 20MHz / QPSK



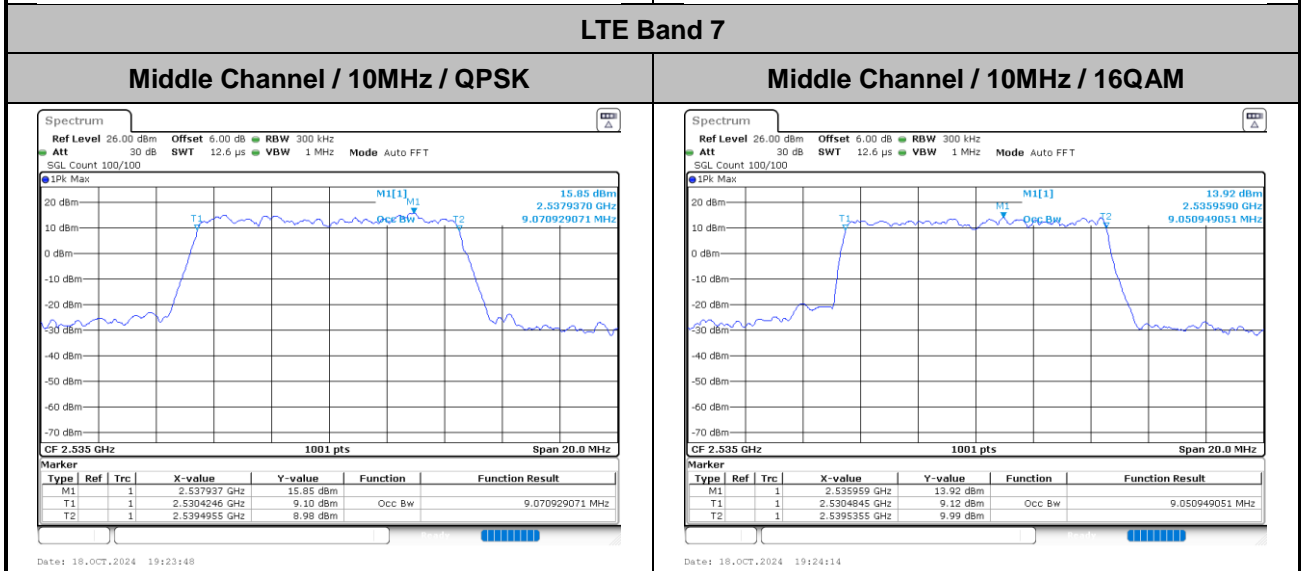
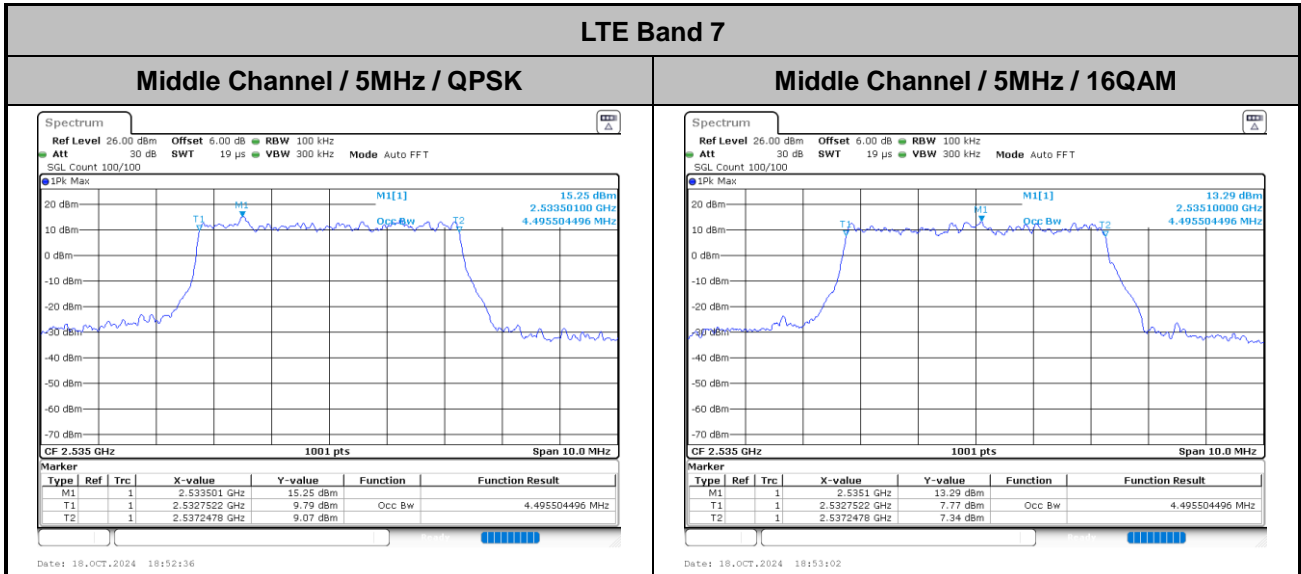
Middle Channel / 20MHz / 16QAM





# Occupied Bandwidth

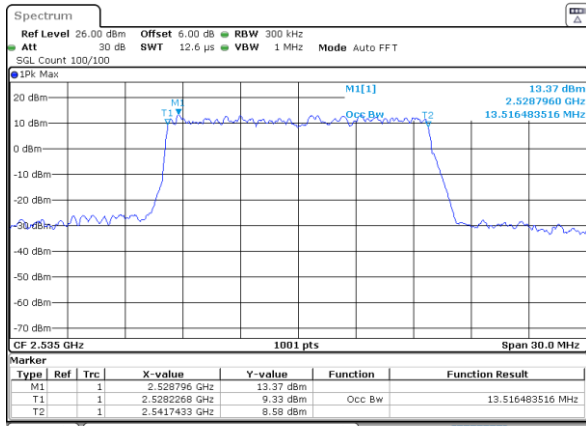
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.50	9.07	9.05	13.52	13.49	17.90	17.94





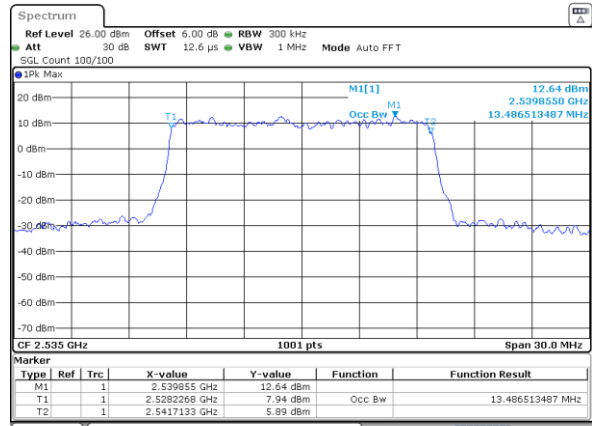
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 18.OCT.2024 19:41:33

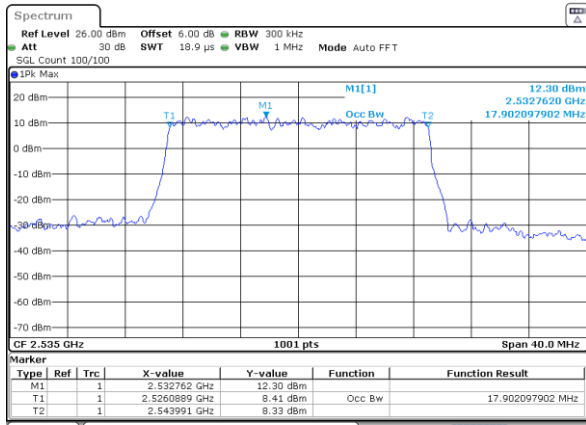
Middle Channel / 15MHz / 16QAM



Date: 18.OCT.2024 19:41:59

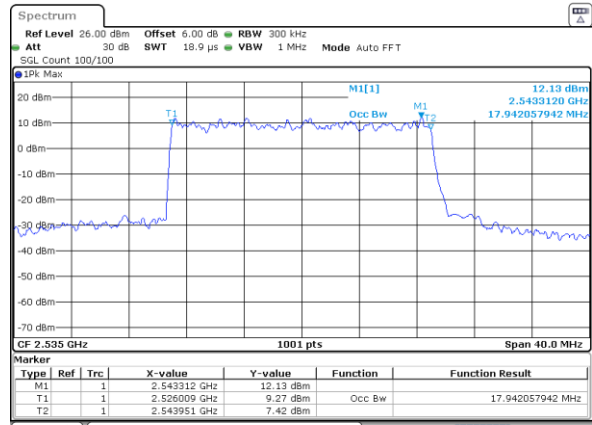
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 18.OCT.2024 19:59:46

Middle Channel / 20MHz / 16QAM



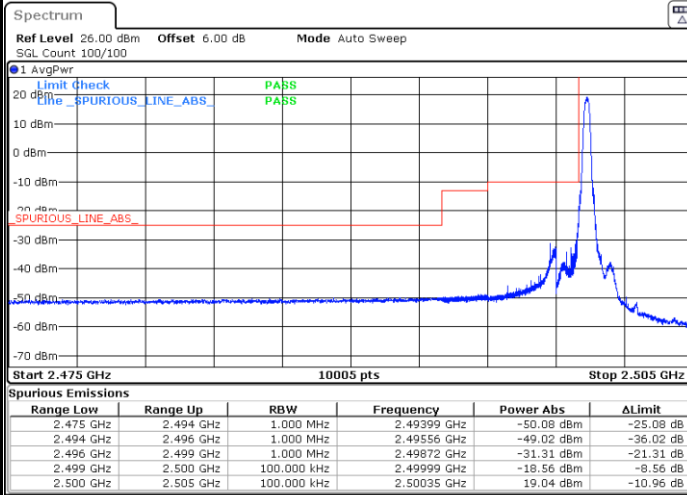
Date: 18.OCT.2024 20:01:05



# Conducted Band Edge

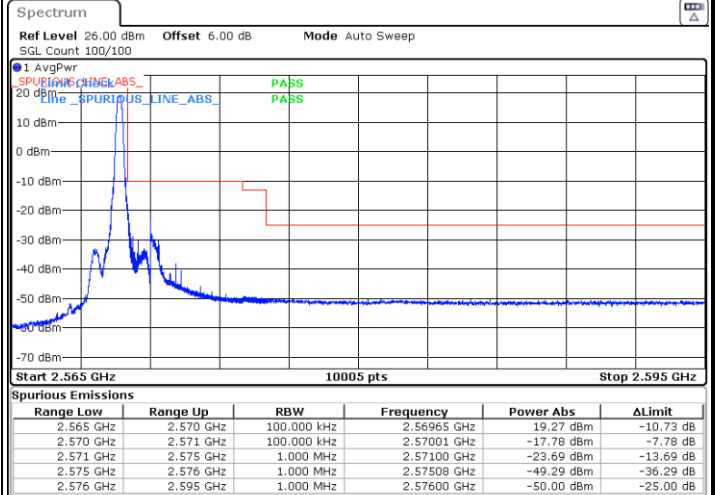
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



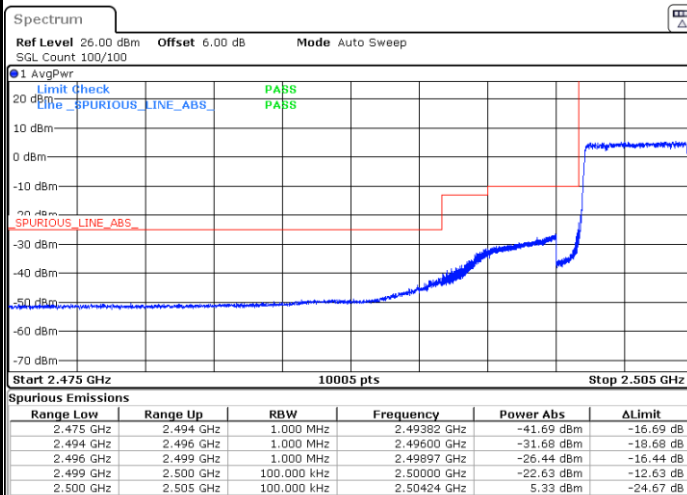
Date: 18.OCT.2024 18:46:50

### Highest Band Edge / 1 RB



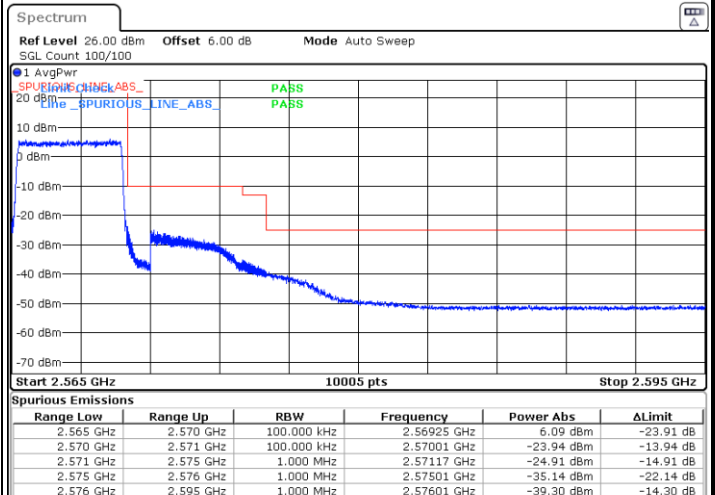
Date: 18.OCT.2024 18:55:32

### Lowest Band Edge / Full RB



Date: 18.OCT.2024 18:43:57

### Highest Band Edge / Full RB



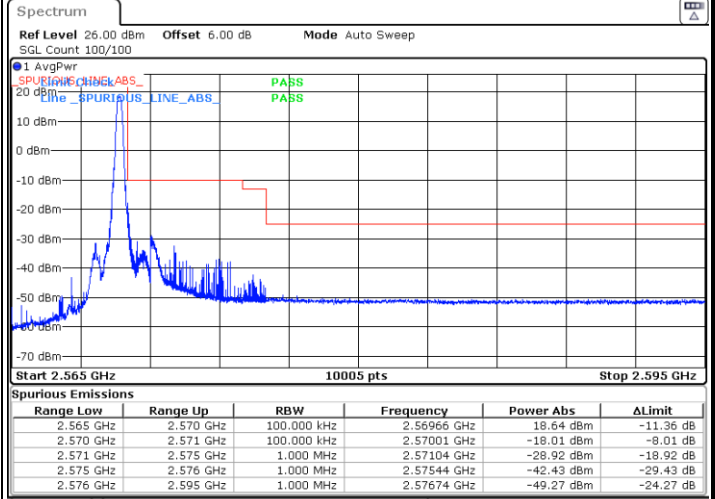
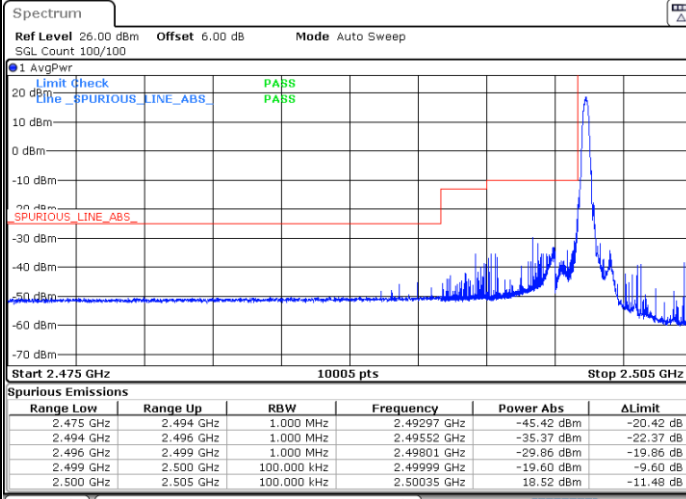
Date: 18.OCT.2024 18:58:27



LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

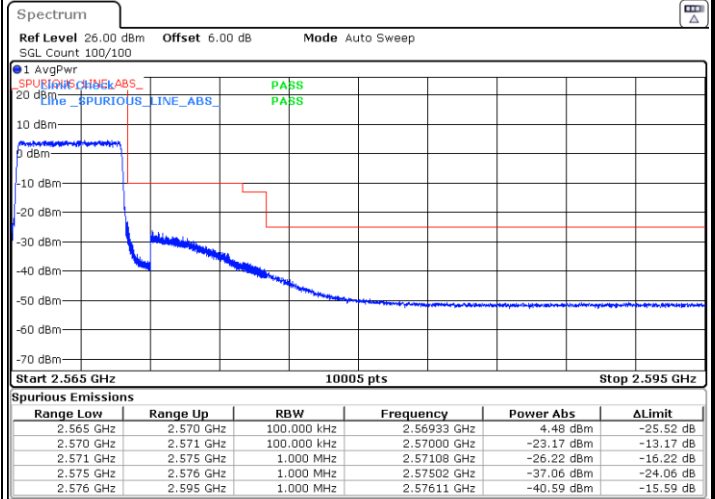
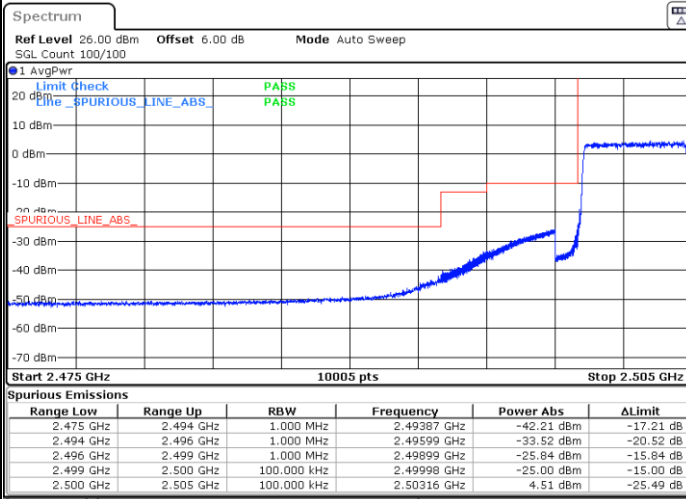


Date: 18.OCT.2024 18:47:33

Date: 18.OCT.2024 18:56:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



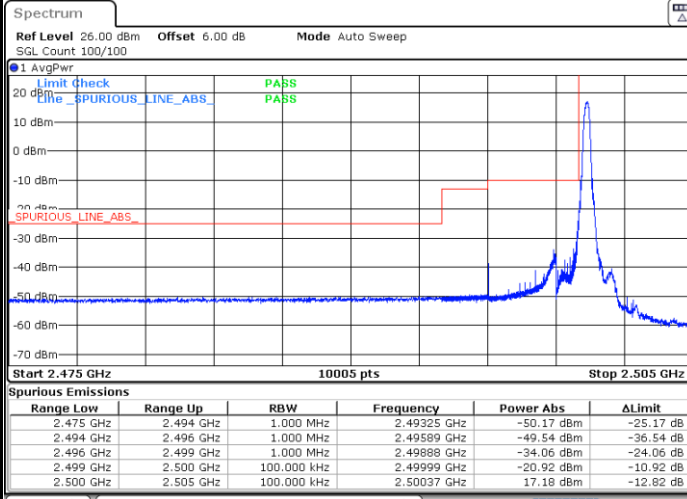
Date: 18.OCT.2024 18:44:40

Date: 18.OCT.2024 18:59:10



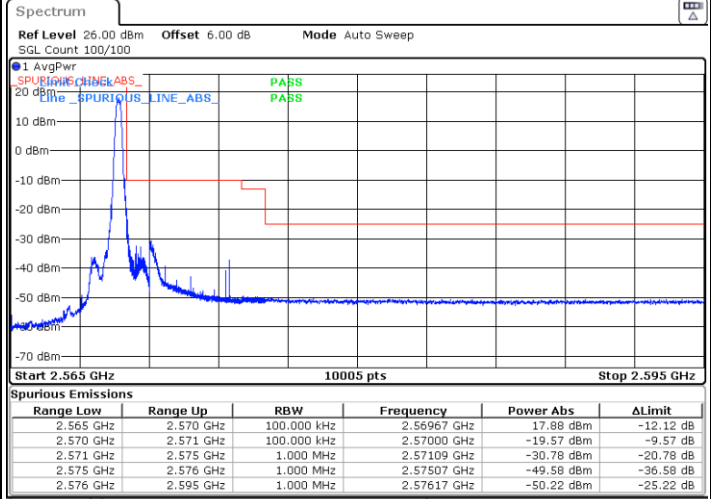
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



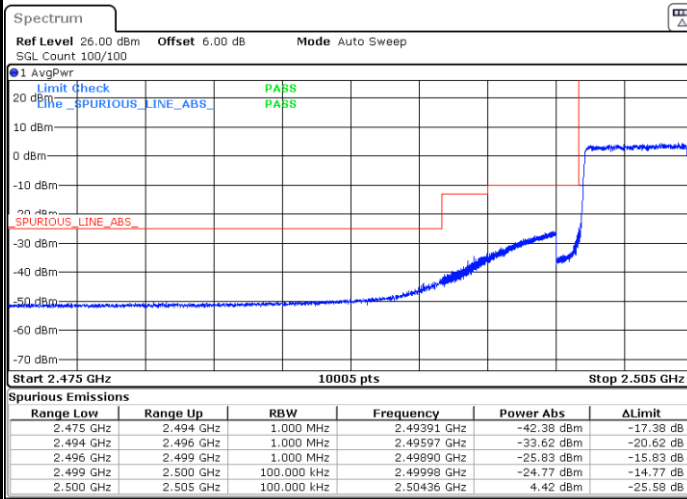
Date: 18.OCT.2024 18:48:16

Highest Band Edge / 1 RB



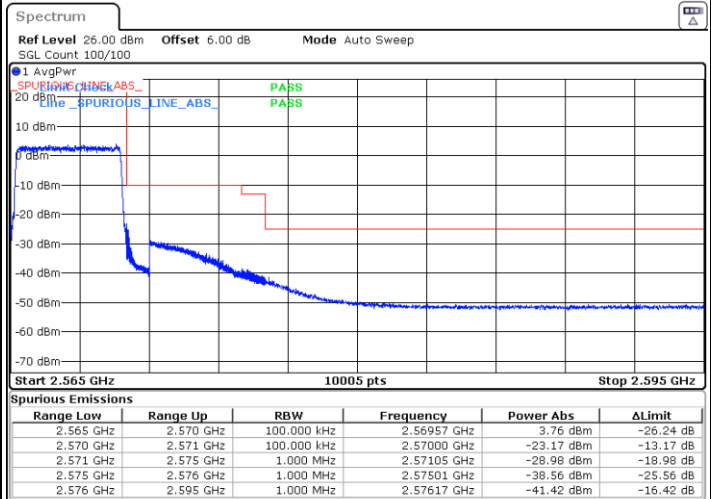
Date: 18.OCT.2024 18:56:58

Lowest Band Edge / Full RB



Date: 18.OCT.2024 18:45:24

Highest Band Edge / Full RB

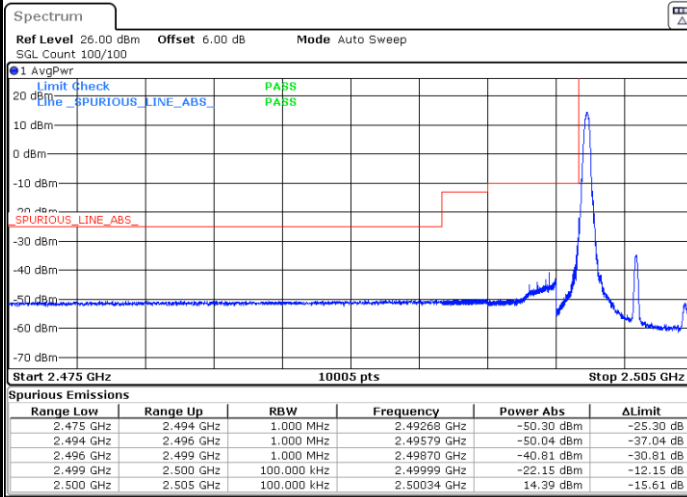


Date: 18.OCT.2024 18:59:53



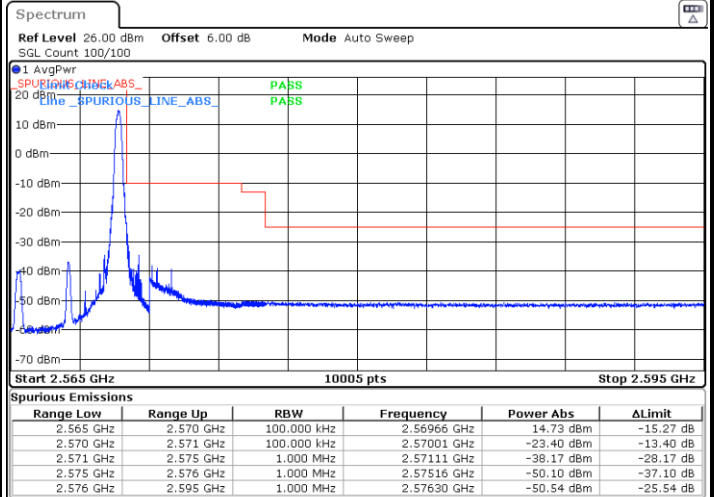
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



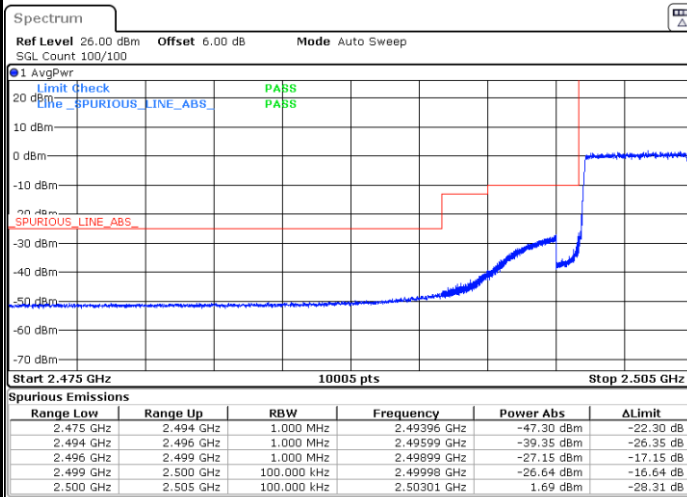
Date: 18.OCT.2024 18:49:00

Highest Band Edge / 1 RB



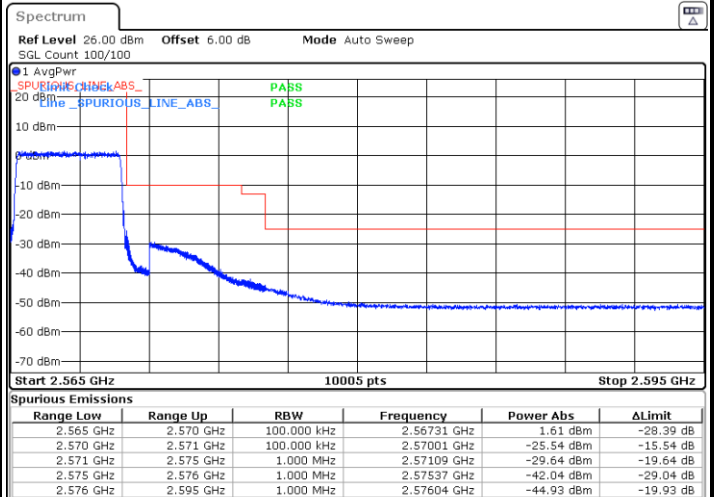
Date: 18.OCT.2024 18:57:41

Lowest Band Edge / Full RB



Date: 18.OCT.2024 18:46:07

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:00:36

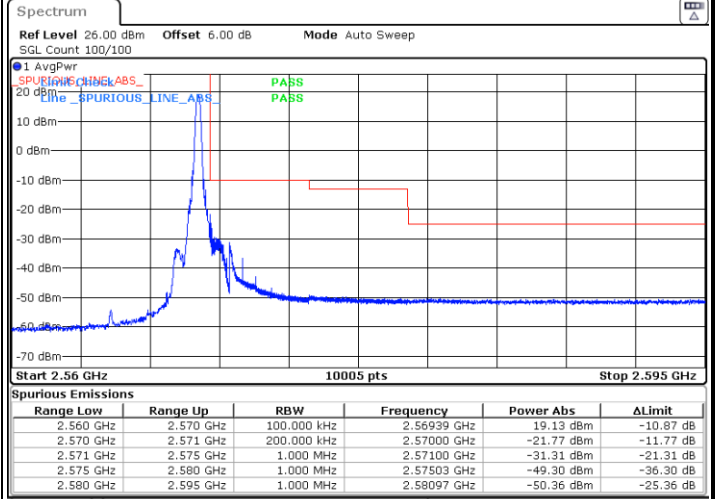
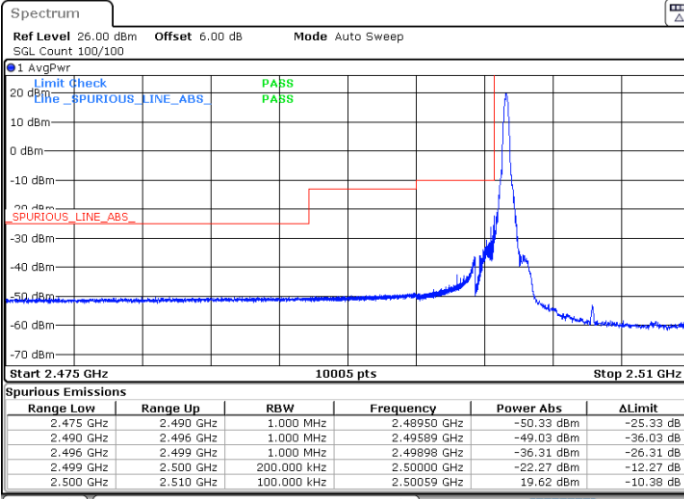




LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

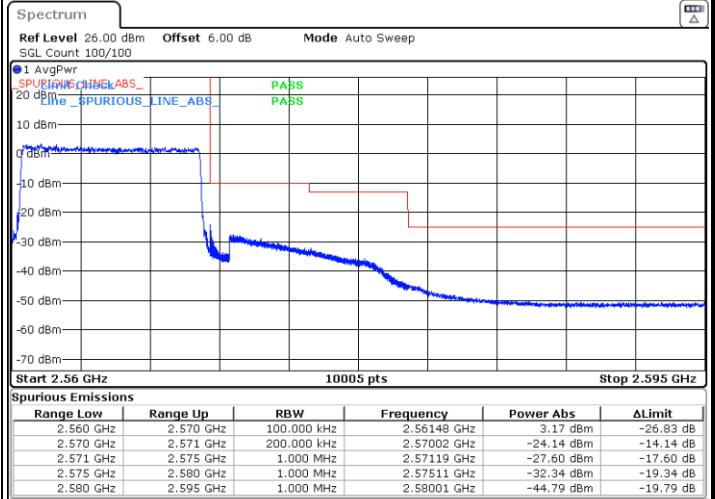
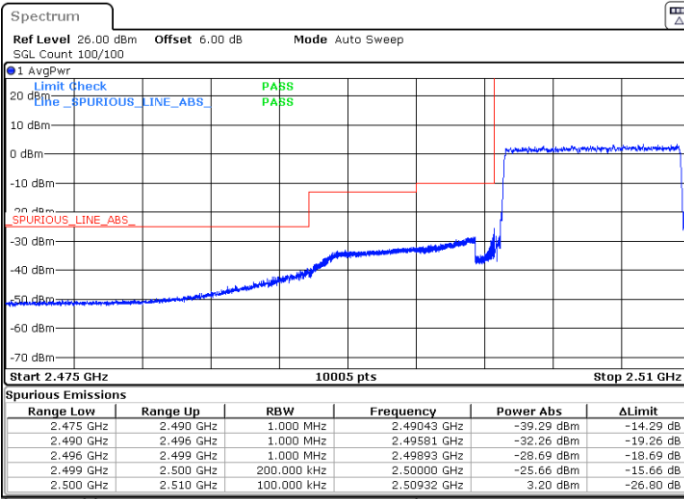


Date: 18.OCT.2024 19:18:17

Date: 18.OCT.2024 19:26:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:15:45

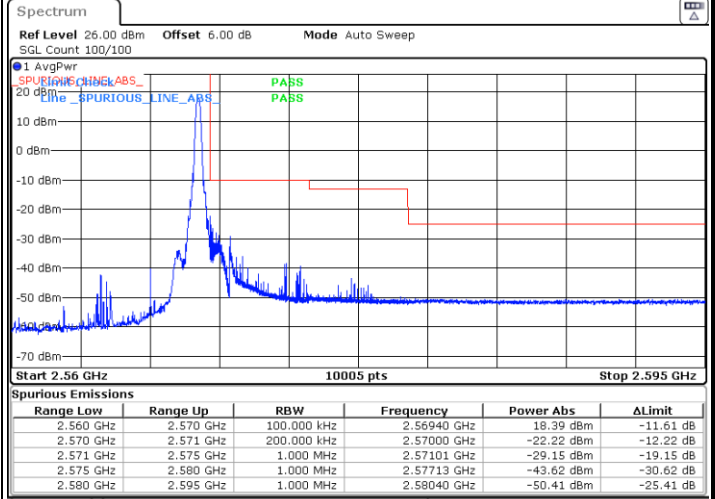
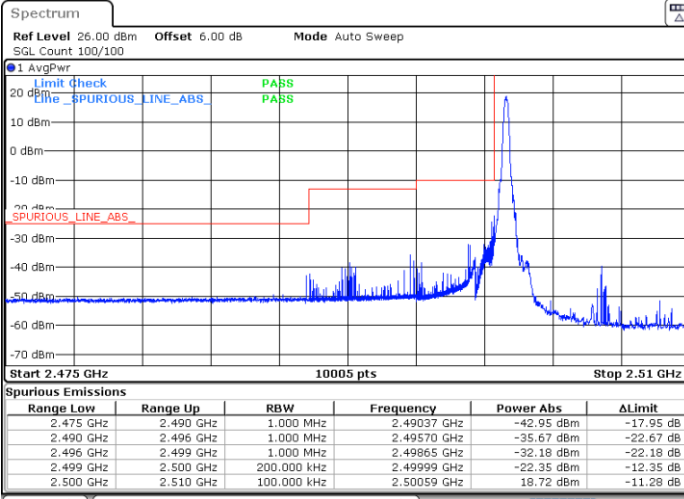
Date: 18.OCT.2024 19:29:15



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

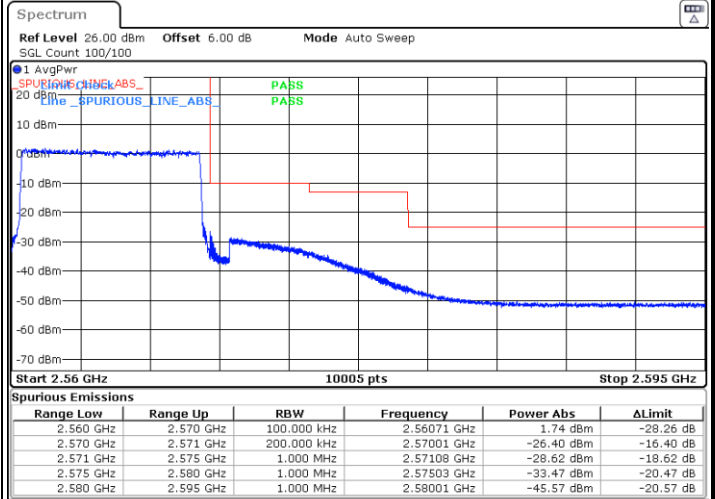
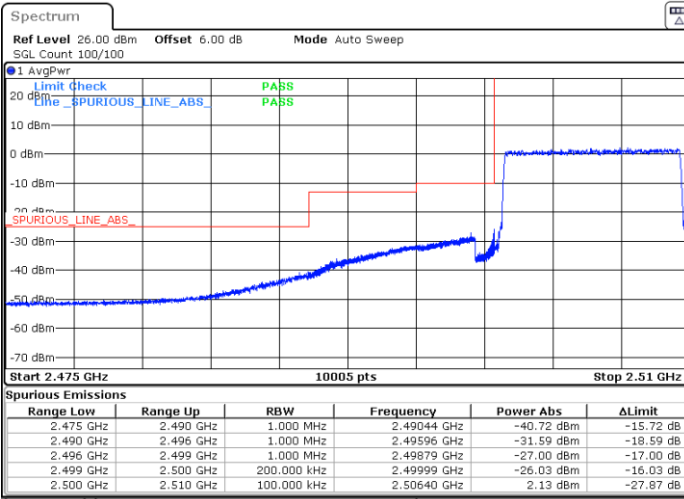


Date: 18.OCT.2024 19:18:55

Date: 18.OCT.2024 19:27:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:16:24

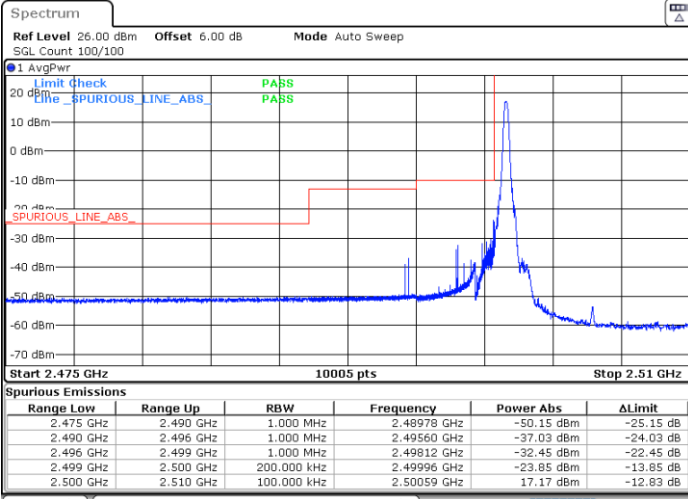
Date: 18.OCT.2024 19:29:53



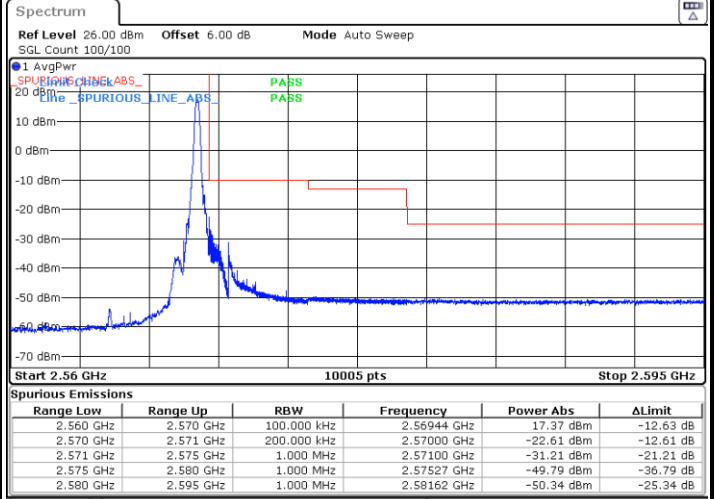
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



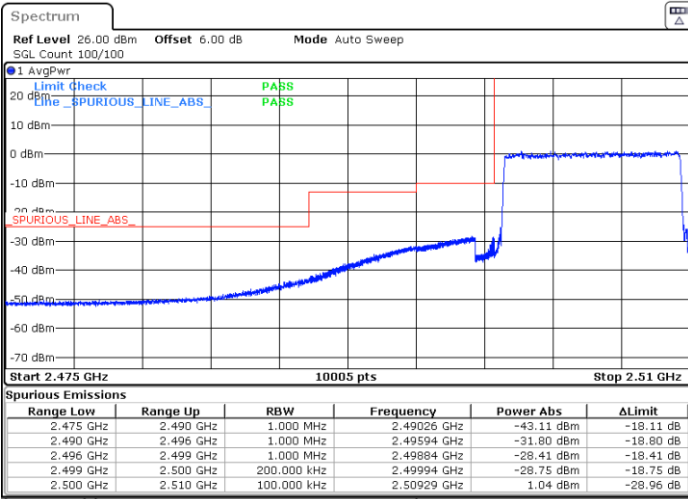
Date: 18.OCT.2024 19:19:33



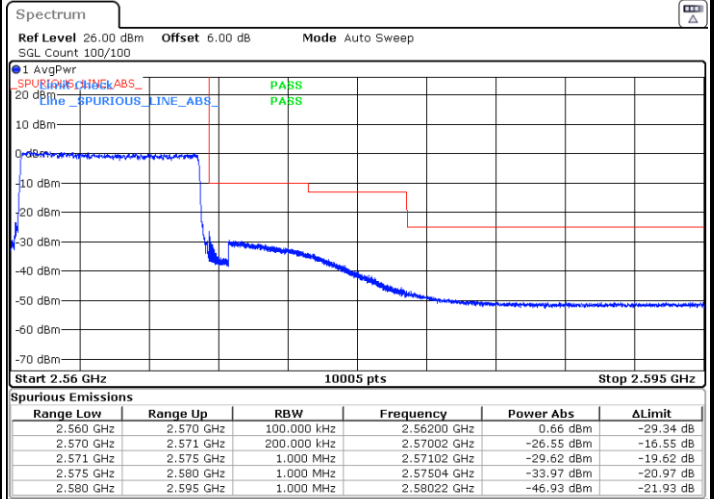
Date: 18.OCT.2024 19:27:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:17:01



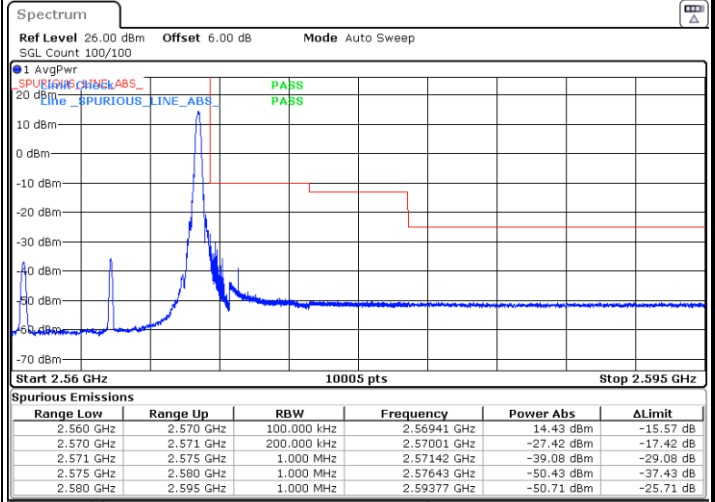
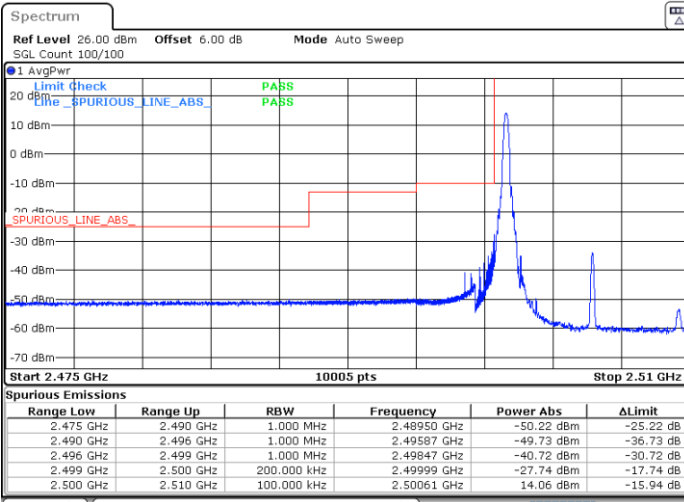
Date: 18.OCT.2024 19:30:31



LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

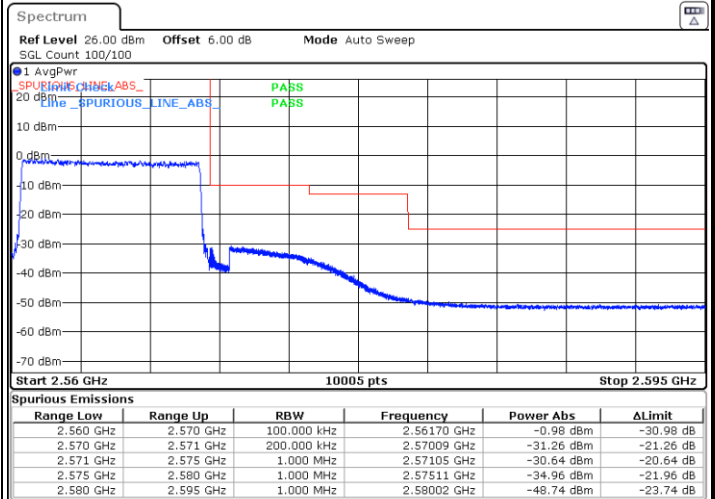
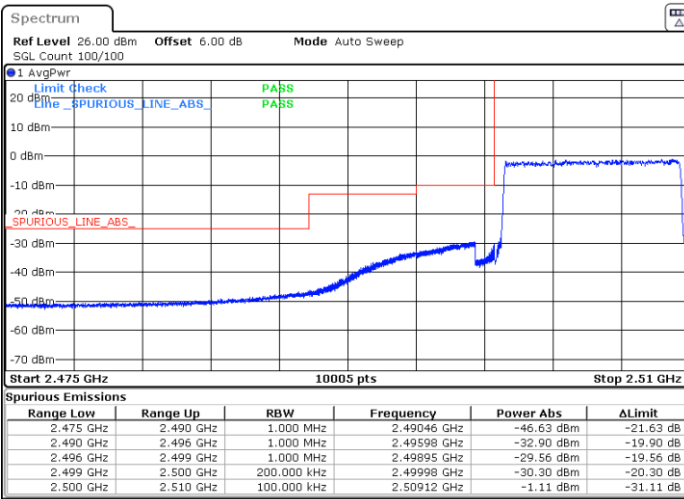


Date: 18.OCT.2024 19:20:11

Date: 18.OCT.2024 19:28:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:17:39

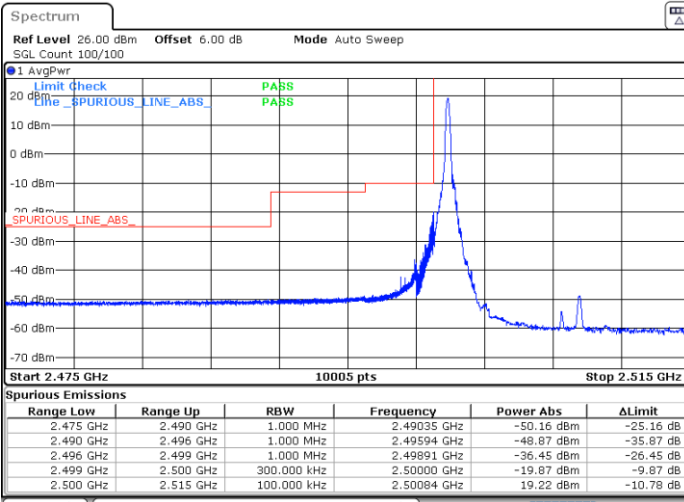
Date: 18.OCT.2024 19:31:09



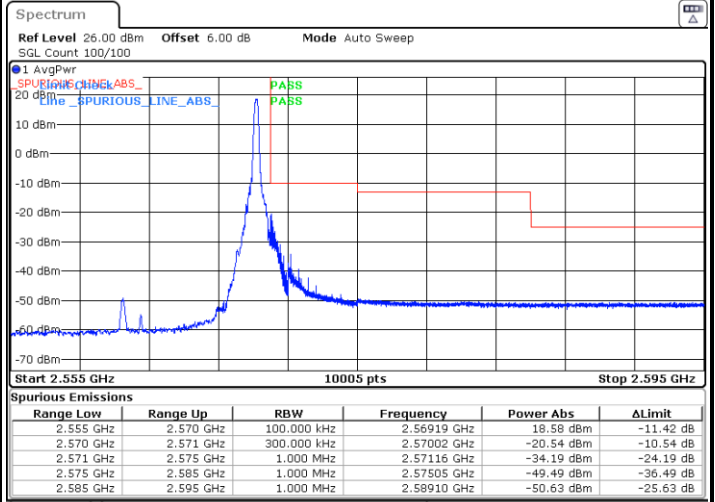
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



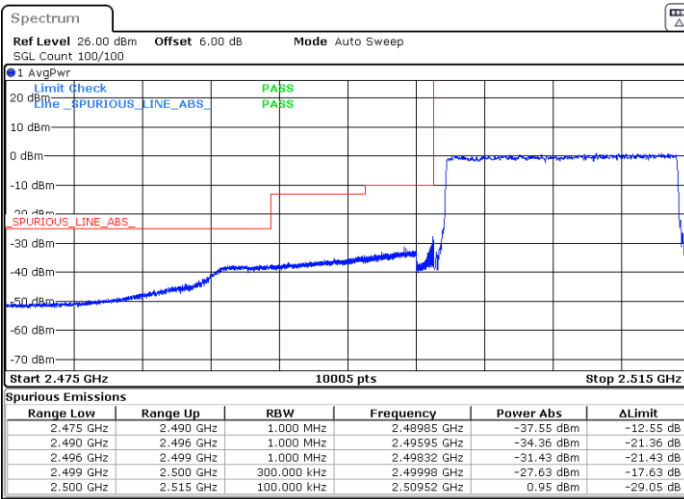
Date: 18.OCT.2024 19:36:02



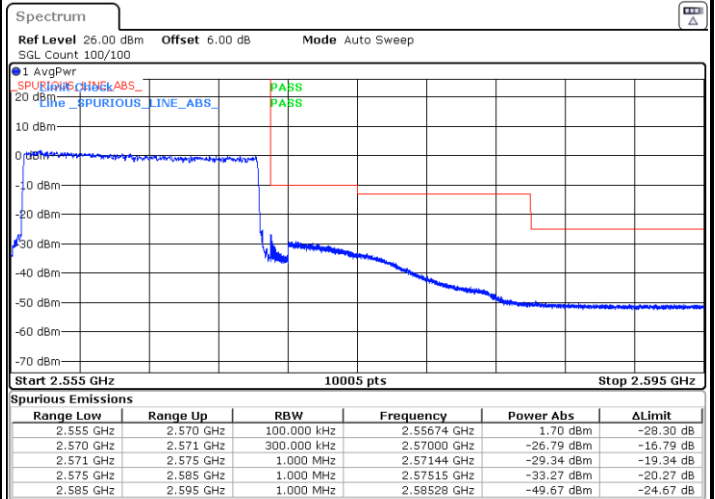
Date: 18.OCT.2024 19:44:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:33:29

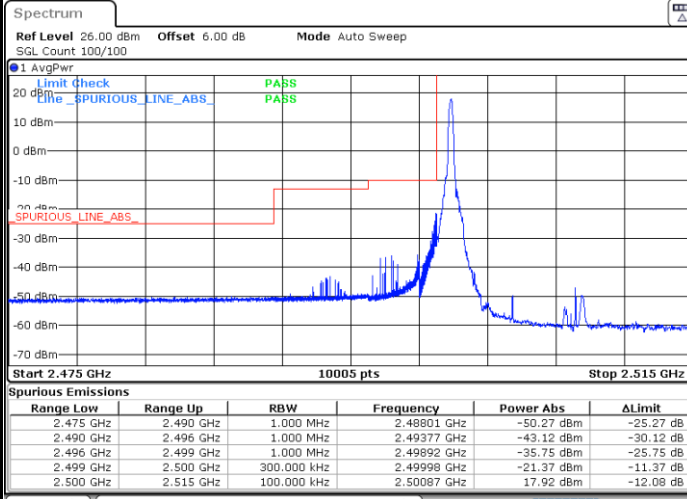


Date: 18.OCT.2024 19:47:54



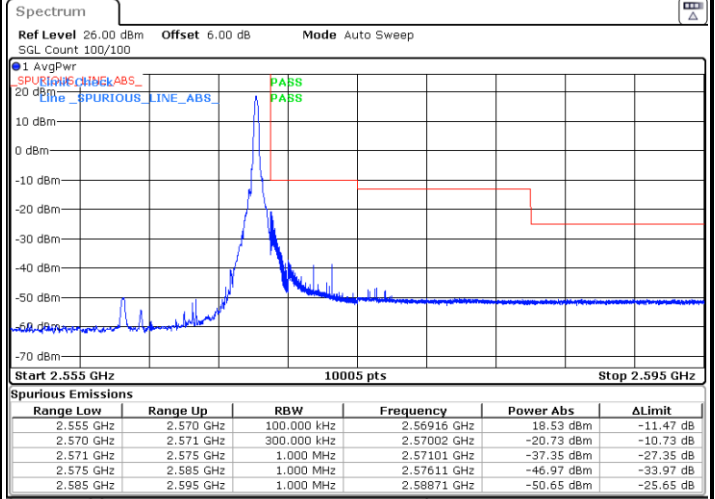
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



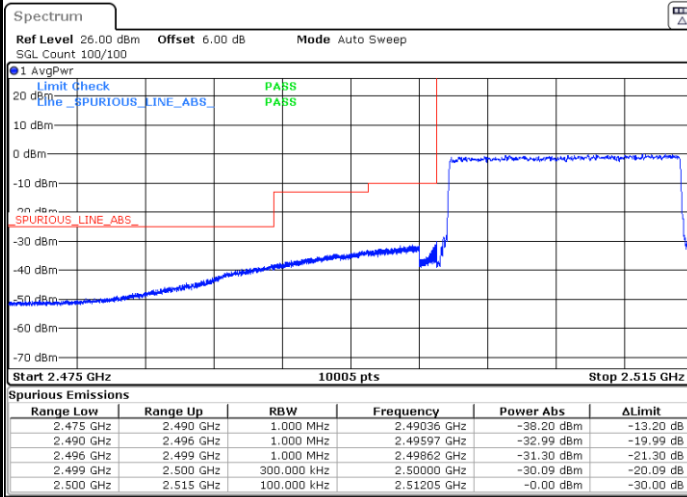
Date: 18.OCT.2024 19:36:40

Highest Band Edge / 1 RB



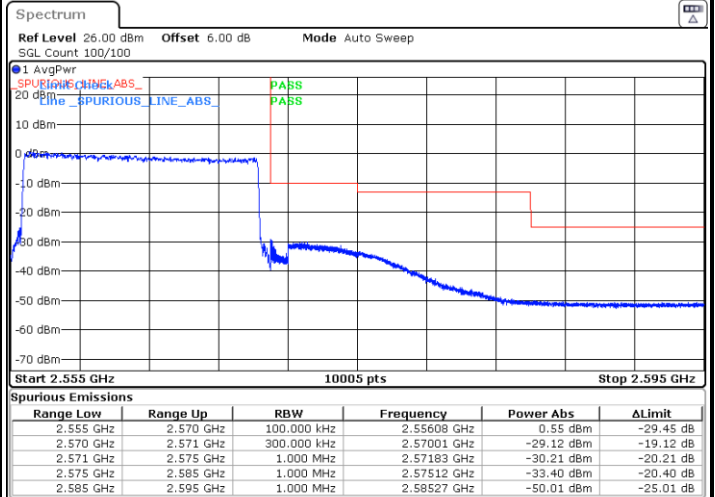
Date: 18.OCT.2024 19:45:03

Lowest Band Edge / Full RB



Date: 18.OCT.2024 19:34:07

Highest Band Edge / Full RB



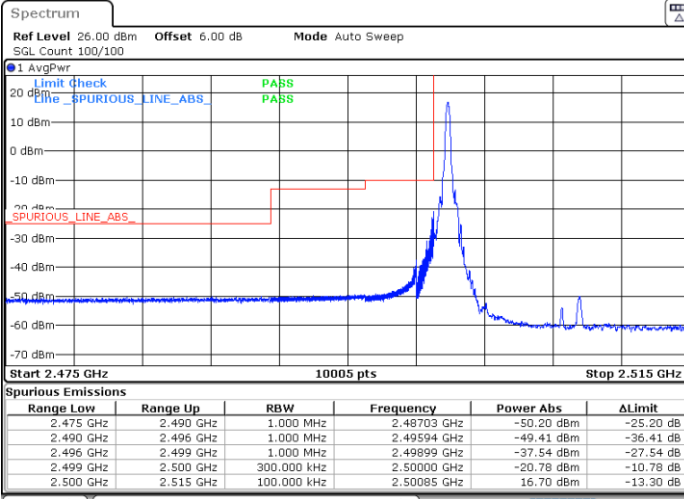
Date: 18.OCT.2024 19:48:32



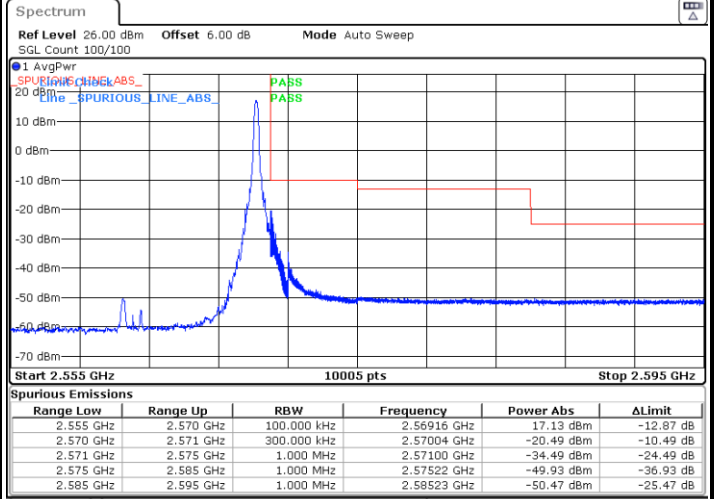
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



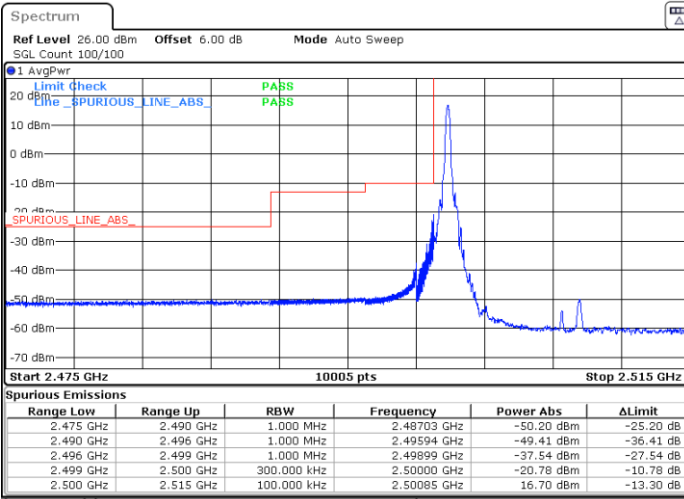
Date: 18.OCT.2024 19:37:18



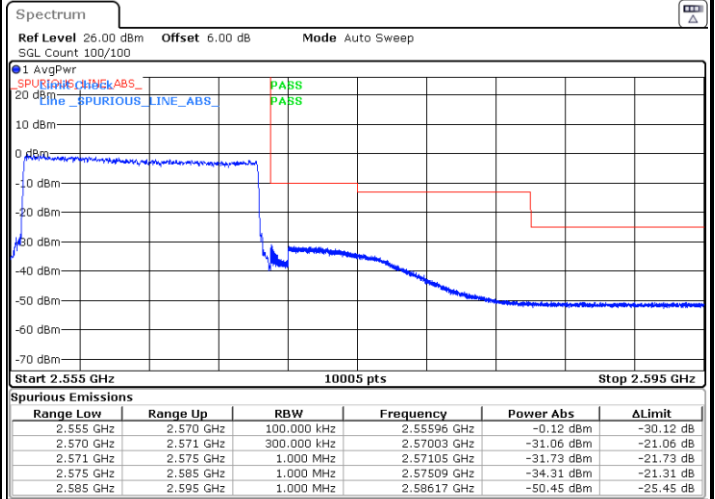
Date: 18.OCT.2024 19:45:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:37:18



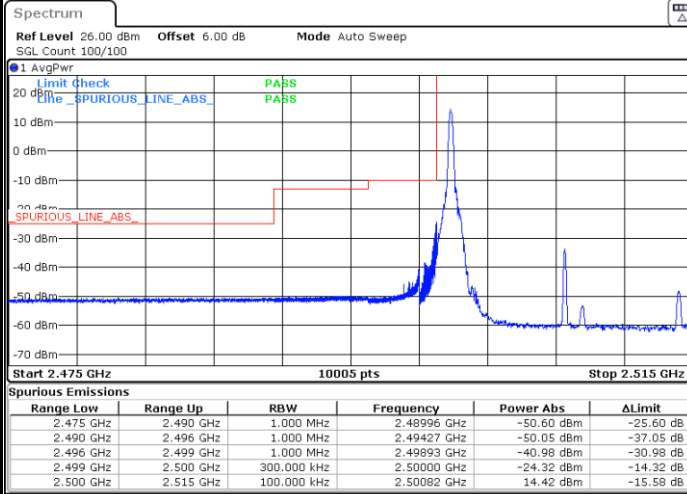
Date: 18.OCT.2024 19:49:09





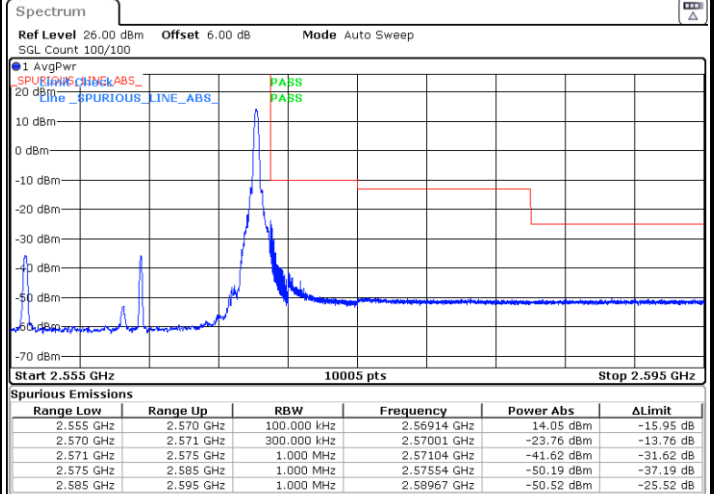
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



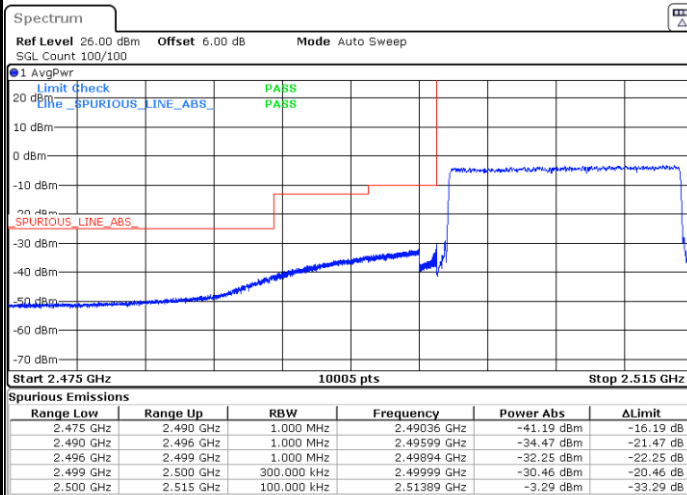
Date: 18.OCT.2024 19:37:56

Highest Band Edge / 1 RB



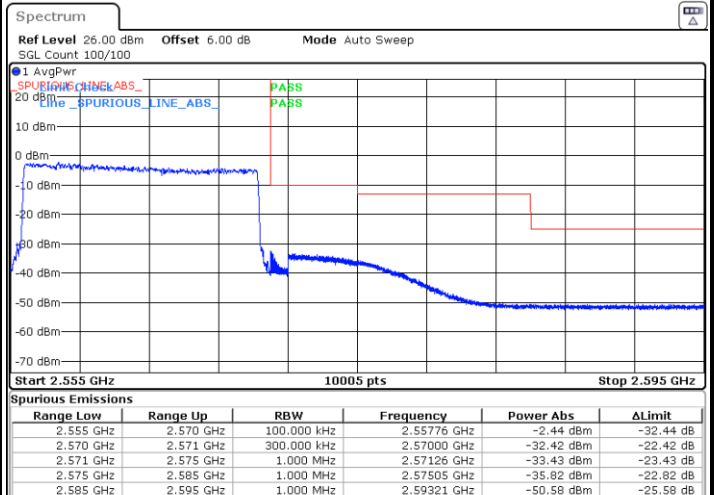
Date: 18.OCT.2024 19:46:19

Lowest Band Edge / Full RB



Date: 18.OCT.2024 19:35:23

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:49:48

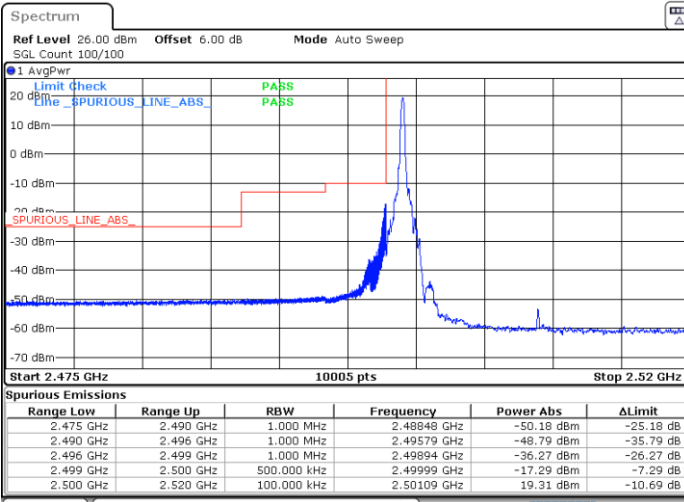




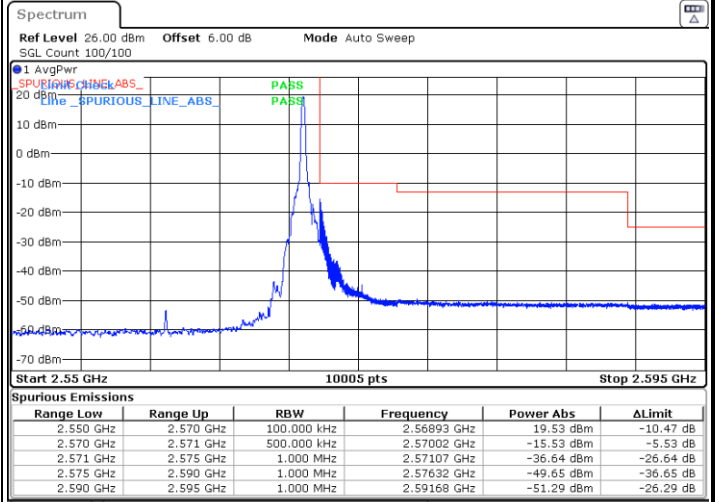
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



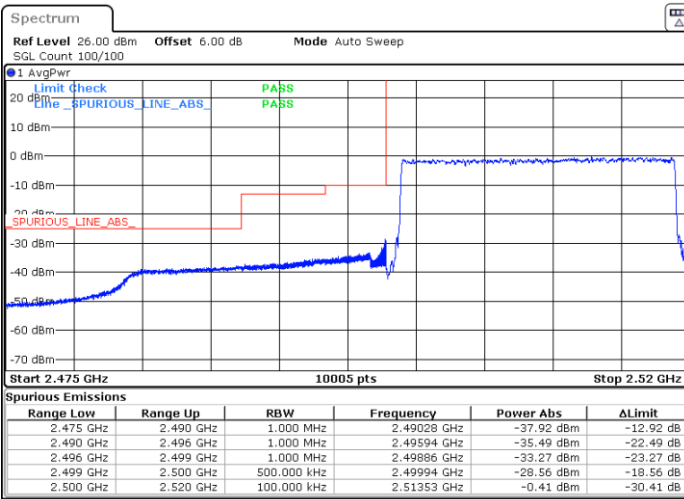
Date: 18.OCT.2024 19:54:40



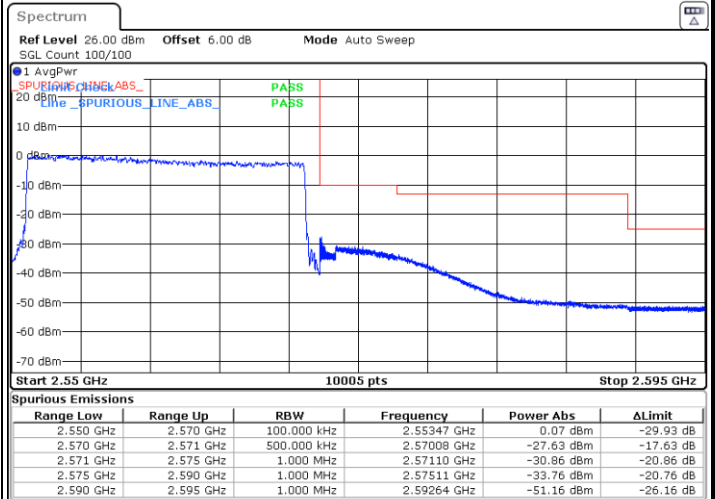
Date: 18.OCT.2024 20:04:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:52:07



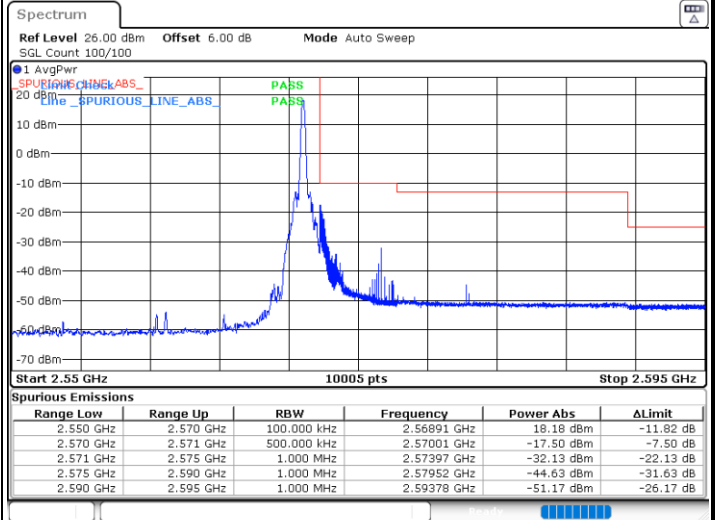
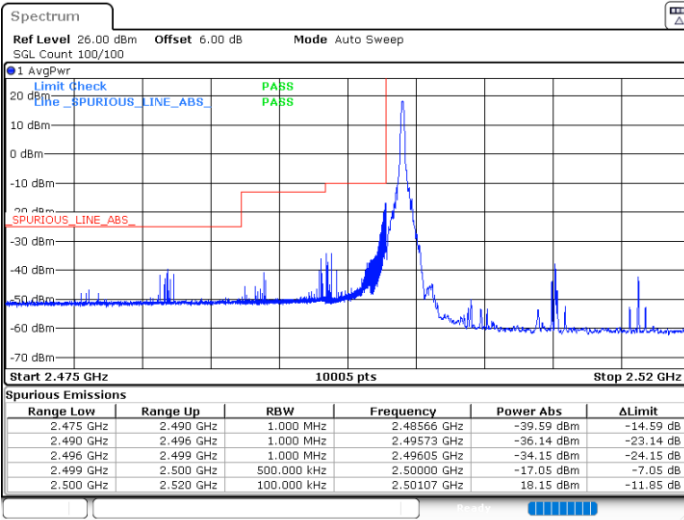
Date: 18.OCT.2024 20:07:24



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

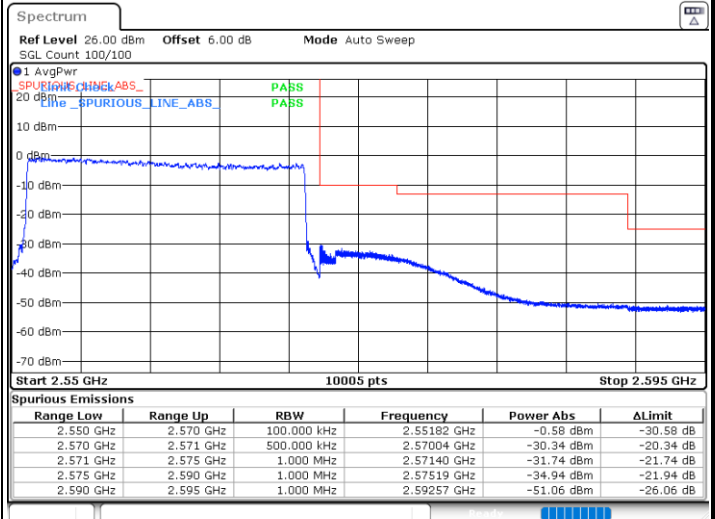
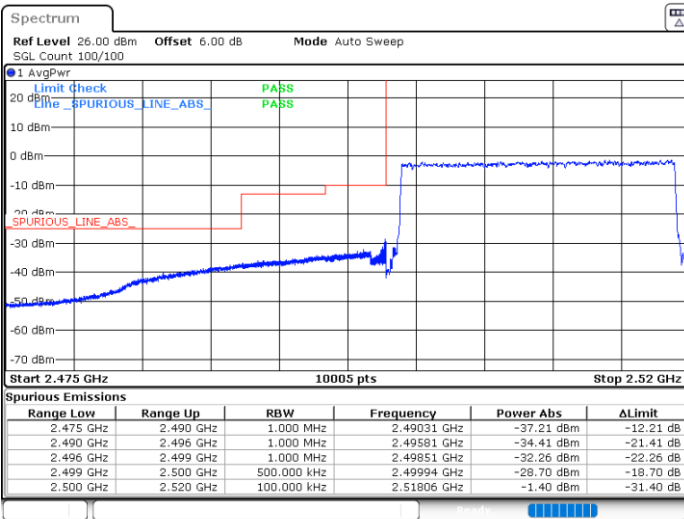


Date: 18.OCT.2024 19:55:18

Date: 18.OCT.2024 20:05:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:52:45

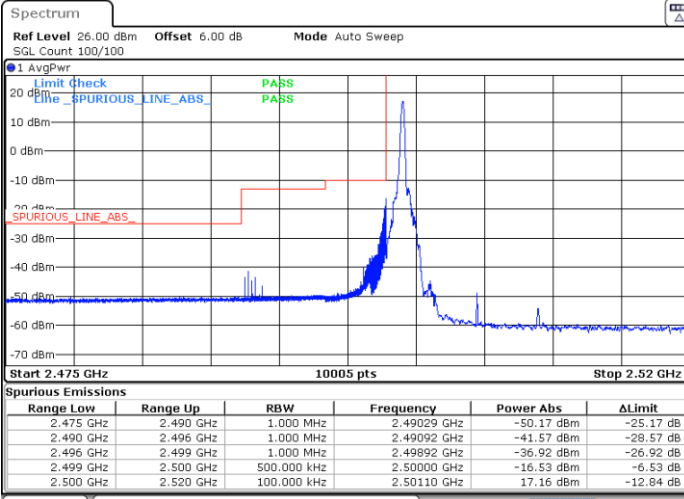
Date: 18.OCT.2024 20:08:02



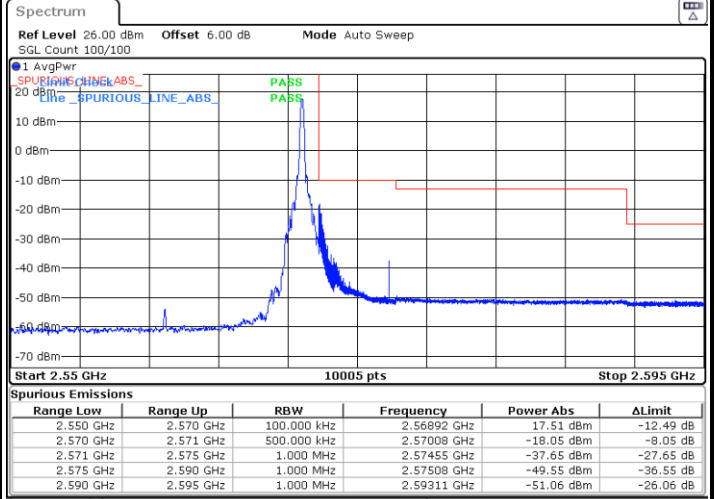
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



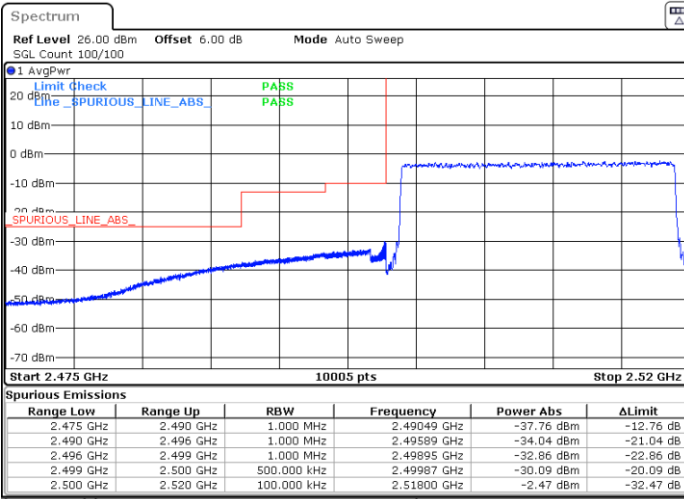
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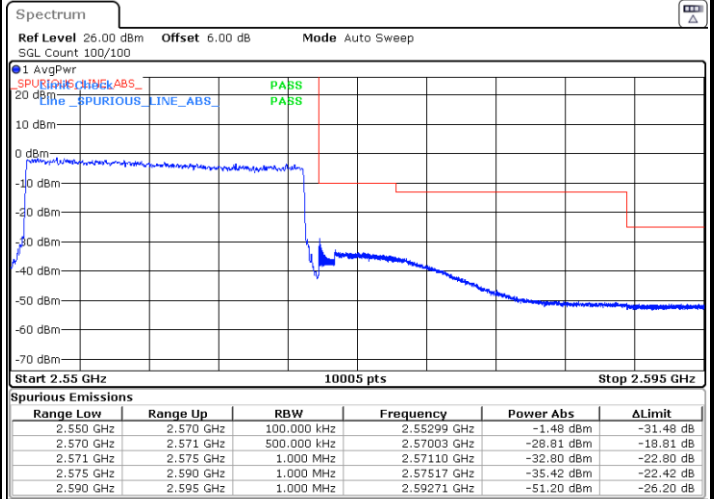
Date: 18.OCT.2024 20:06:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:53:23



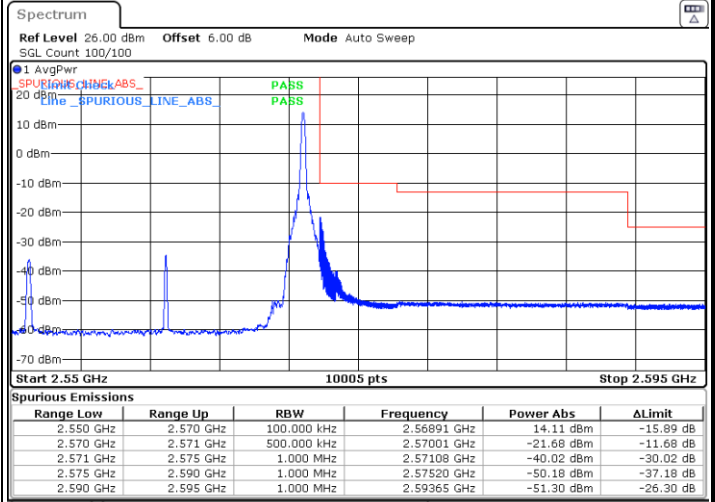
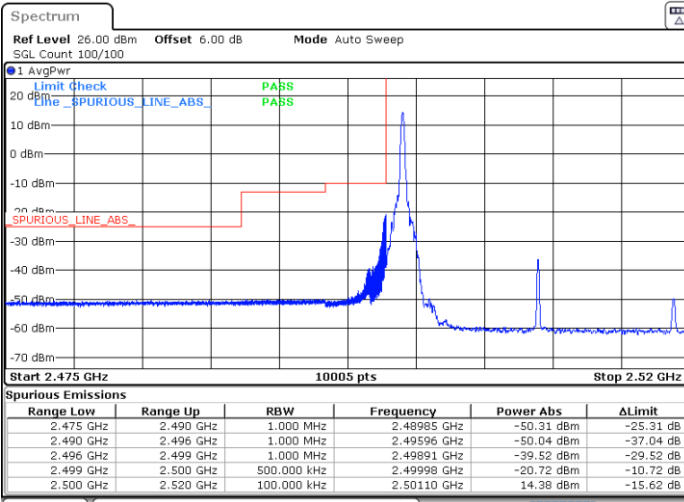
Date: 18.OCT.2024 20:08:40



LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

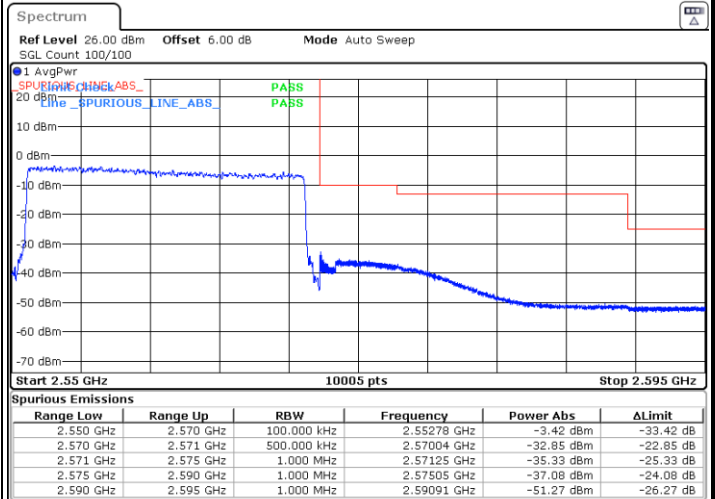
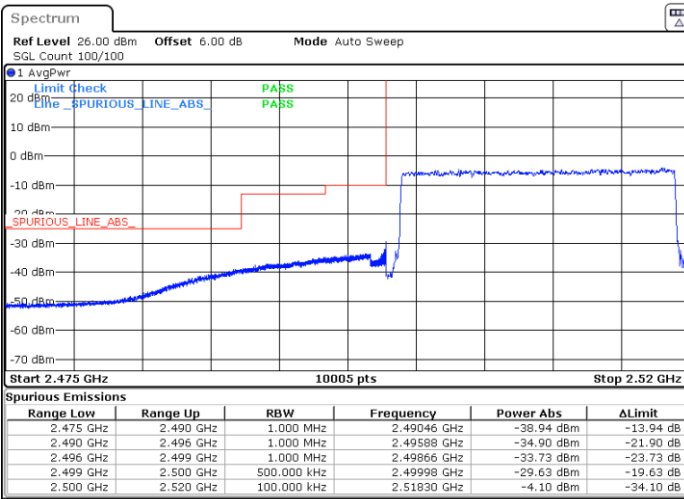


Date: 18.OCT.2024 19:56:35

Date: 18.OCT.2024 20:06:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2024 19:54:02

Date: 18.OCT.2024 20:09:18



# Conducted Spurious Emission

