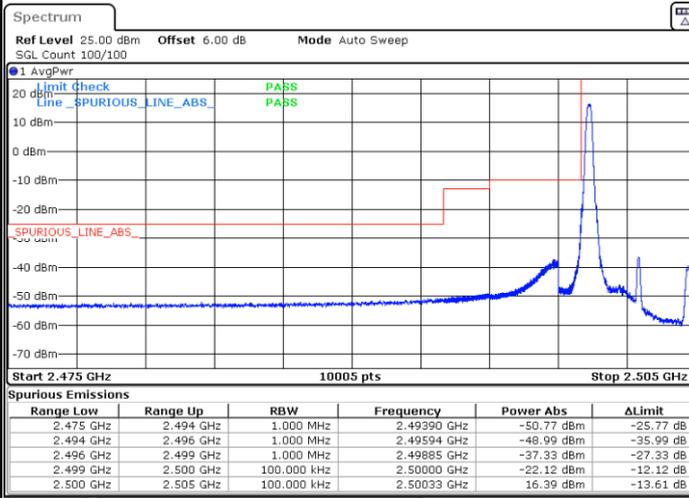




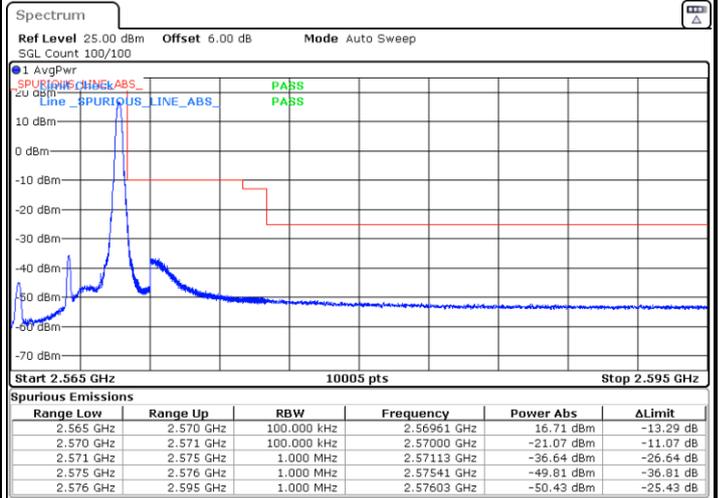
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



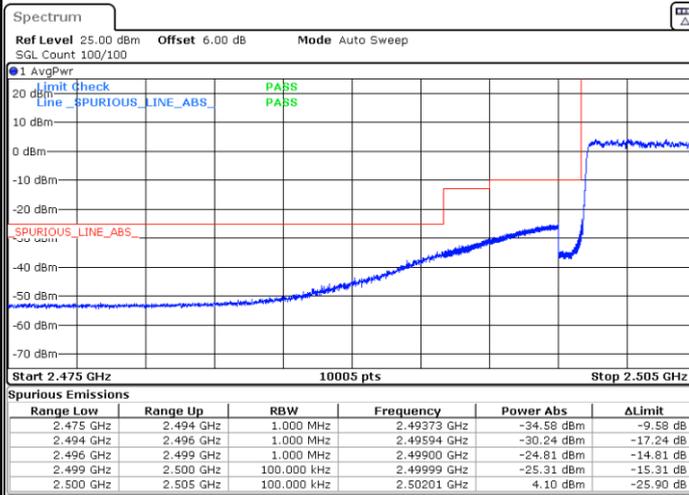
Date: 24.OCT.2024 05:00:29

Highest Band Edge / 1 RB



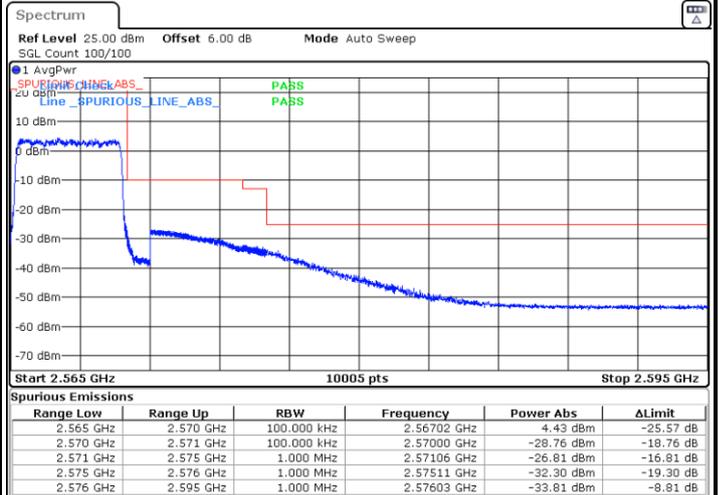
Date: 24.OCT.2024 05:05:34

Lowest Band Edge / Full RB



Date: 24.OCT.2024 04:59:28

Highest Band Edge / Full RB



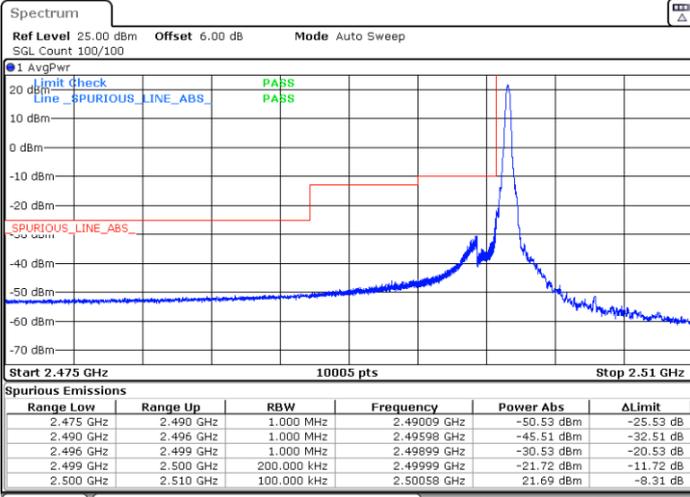
Date: 24.OCT.2024 05:06:20



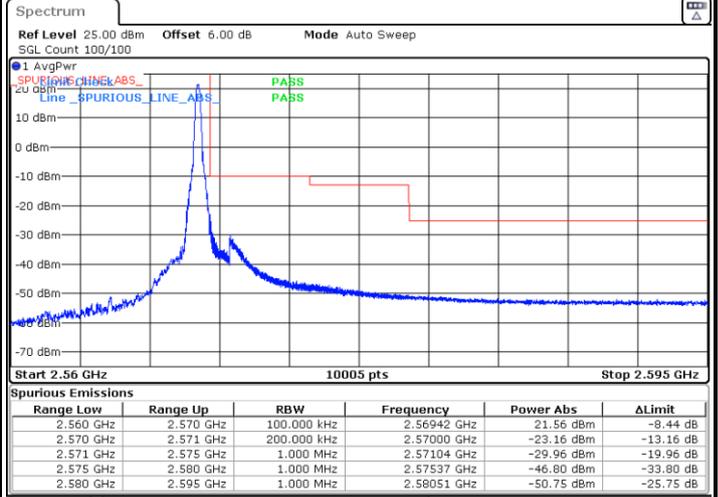
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



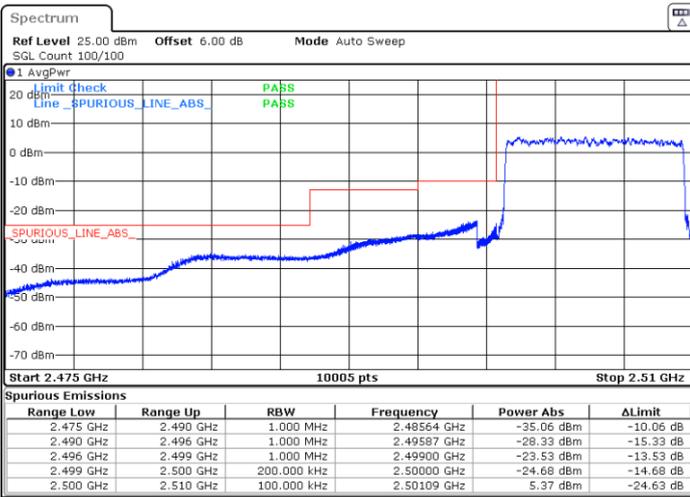
Date: 24.OCT.2024 04:21:26



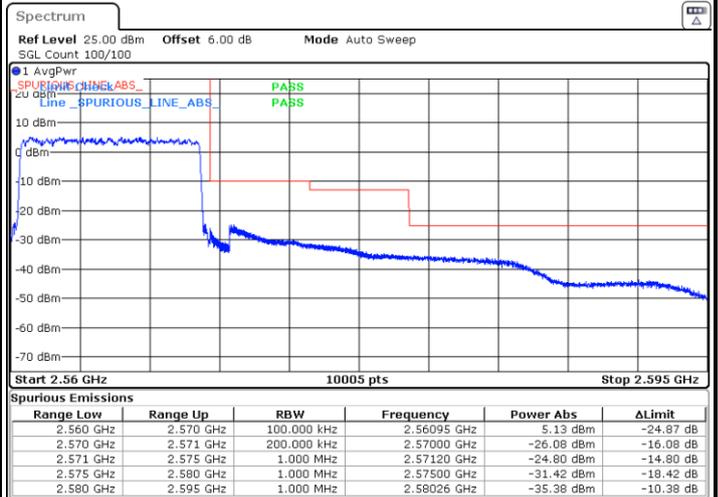
Date: 24.OCT.2024 04:50:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.OCT.2024 04:27:55

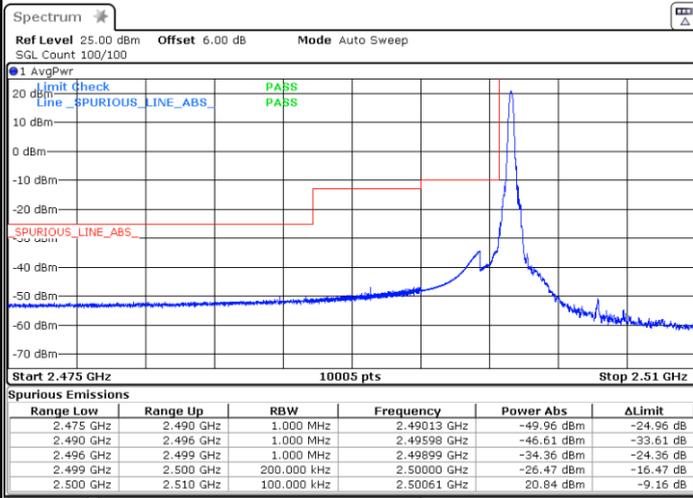


Date: 24.OCT.2024 04:47:05

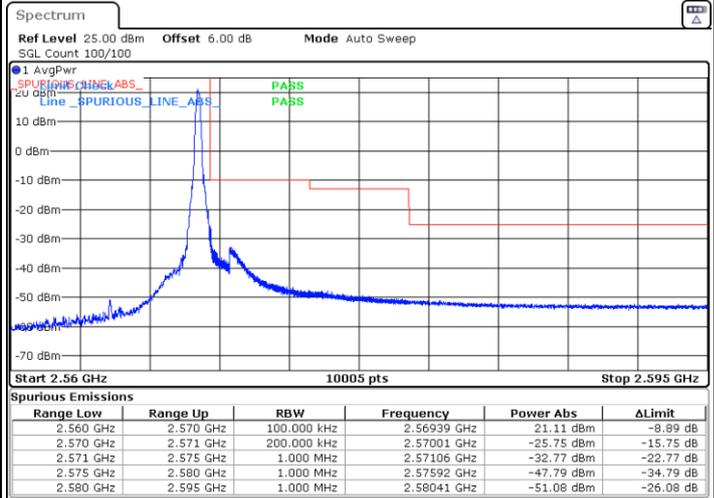


LTE Band 7 / 10MHz / 16QAM

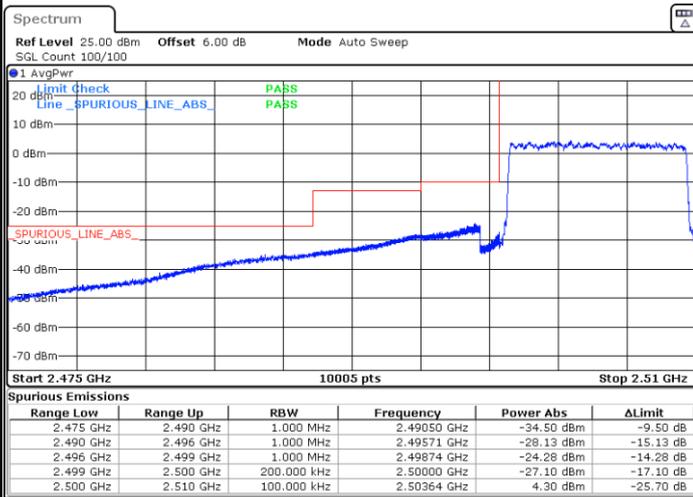
Lowest Band Edge / 1 RB



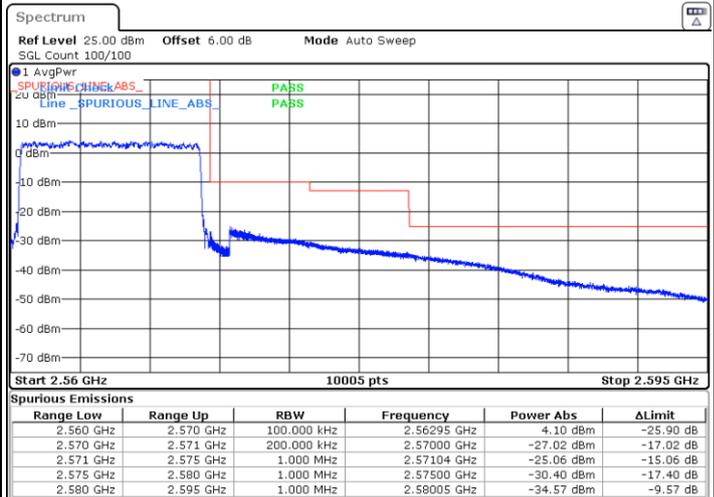
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



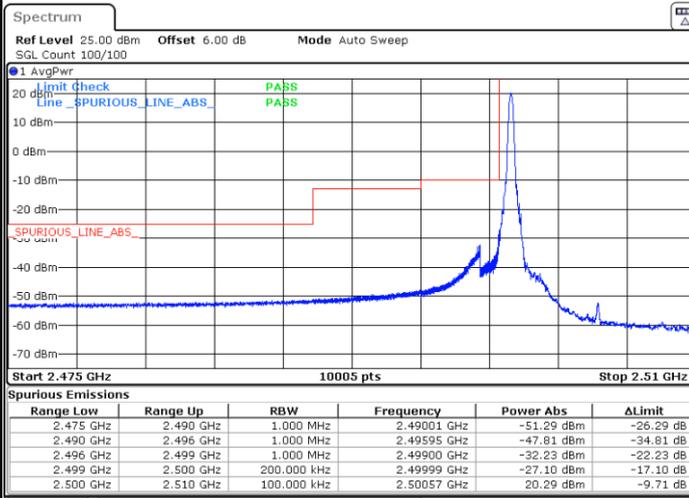
Highest Band Edge / Full RB





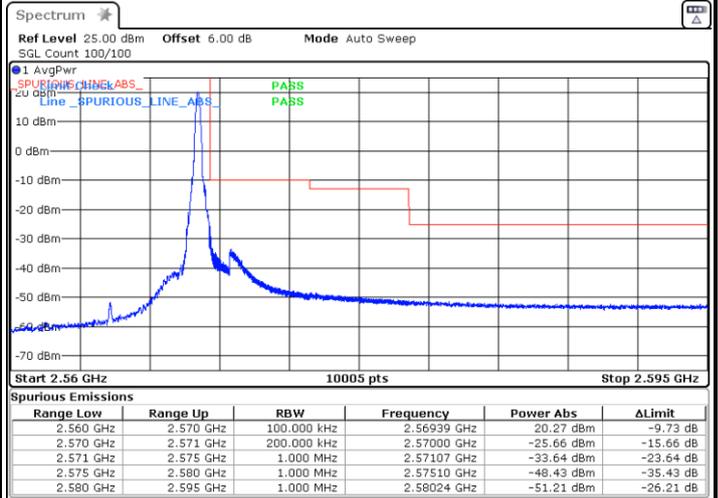
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



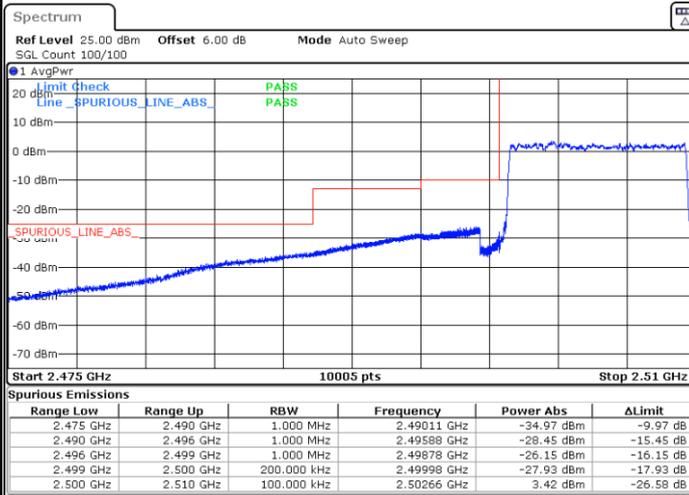
Date: 24.OCT.2024 04:26:43

Highest Band Edge / 1 RB



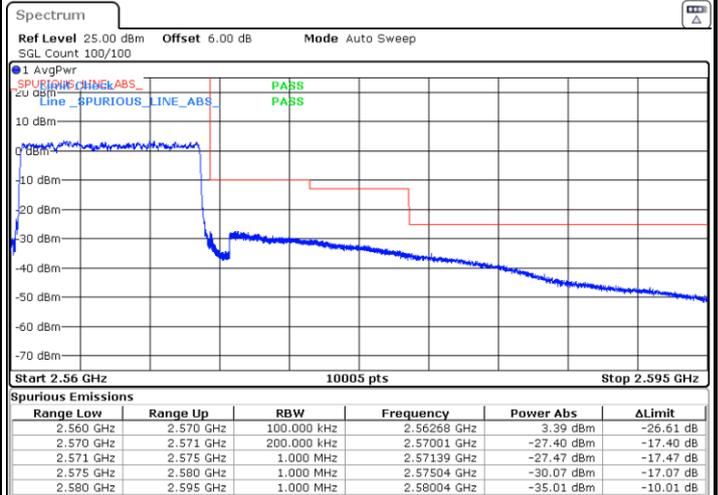
Date: 24.OCT.2024 04:50:00

Lowest Band Edge / Full RB



Date: 24.OCT.2024 04:20:21

Highest Band Edge / Full RB



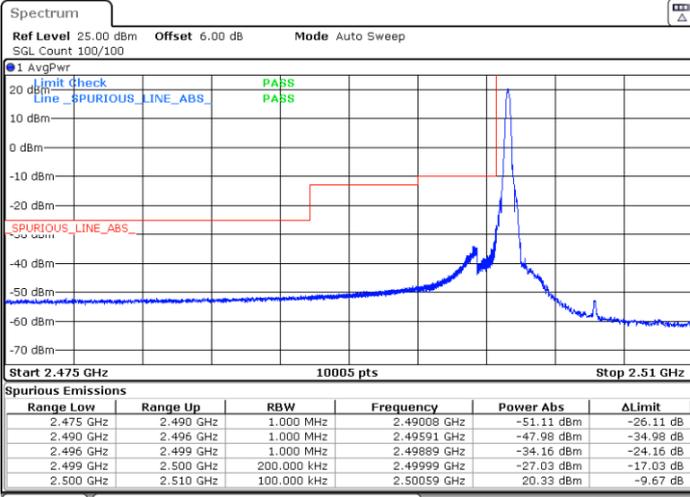
Date: 24.OCT.2024 04:48:13



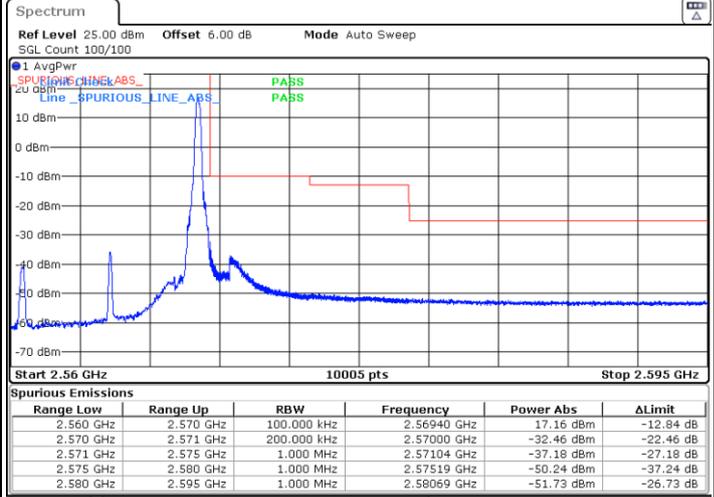
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



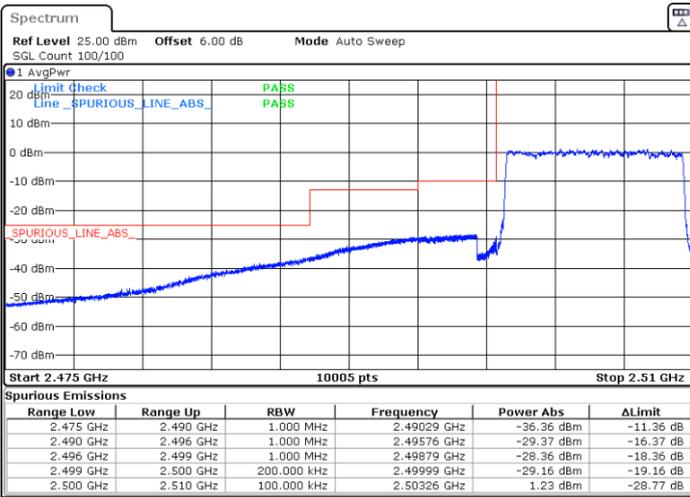
Date: 24.OCT.2024 04:27:01



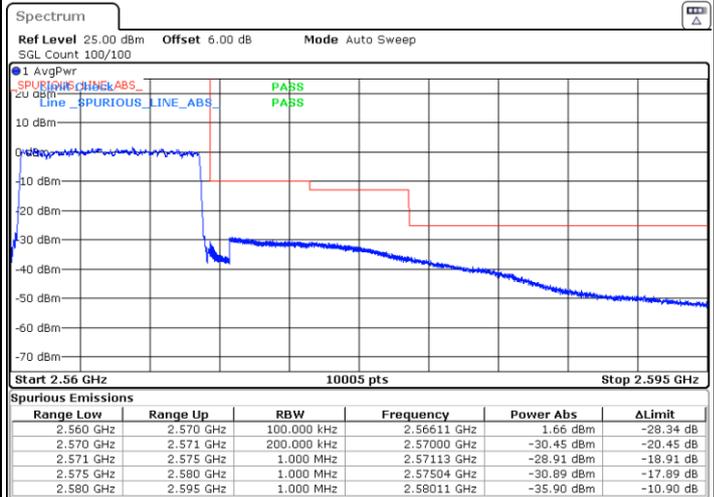
Date: 24.OCT.2024 04:49:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.OCT.2024 04:20:43



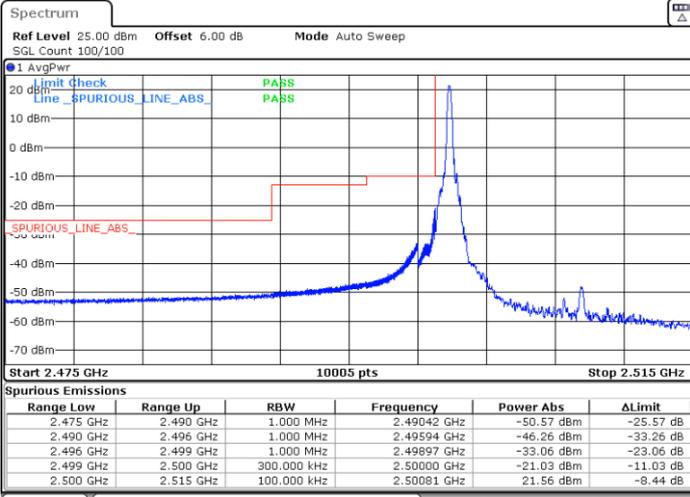
Date: 24.OCT.2024 04:48:40



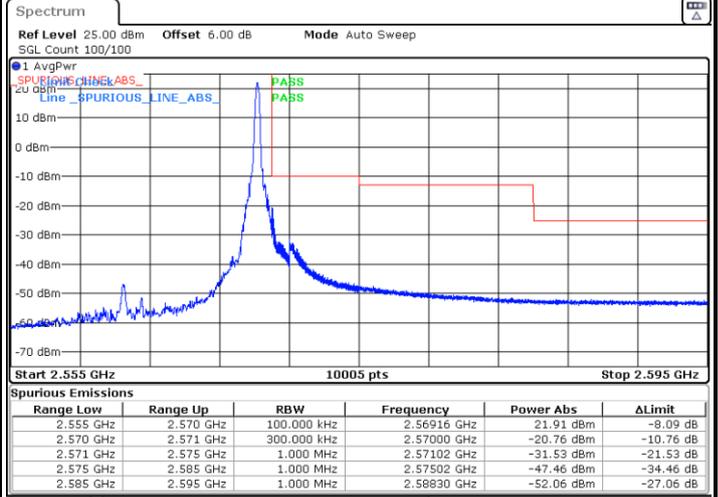
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



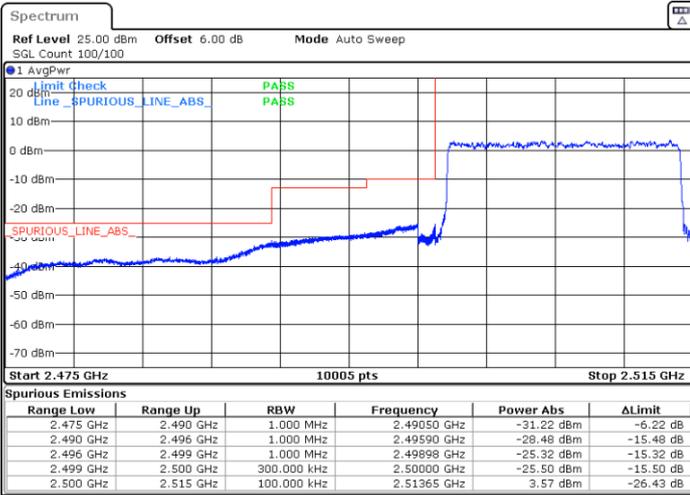
Date: 24.OCT.2024 05:19:49



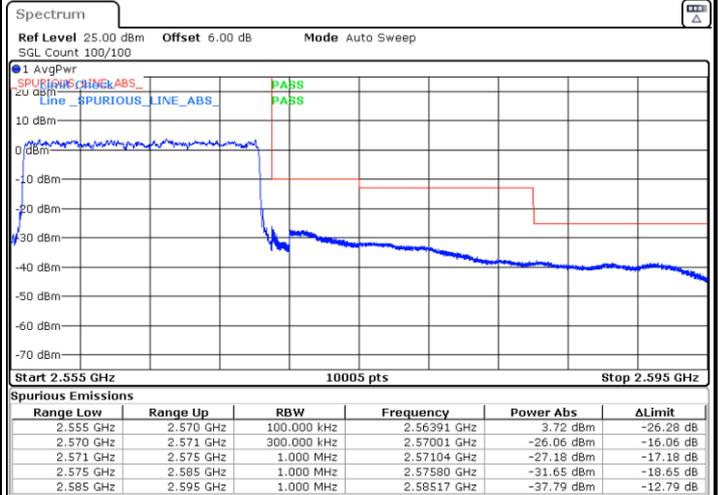
Date: 24.OCT.2024 06:07:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.OCT.2024 05:13:46

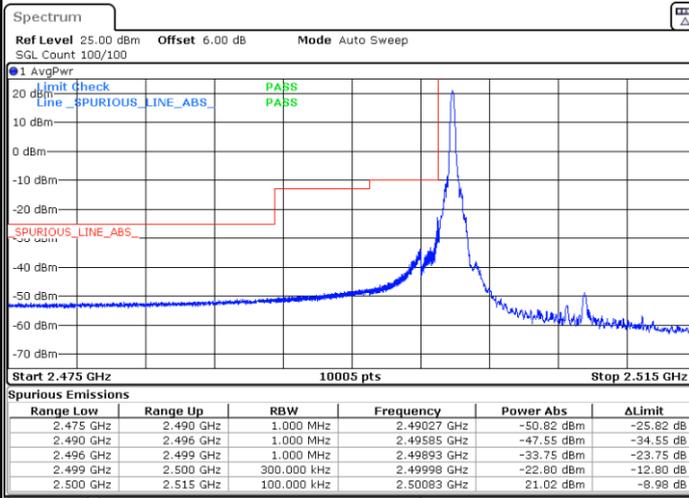


Date: 24.OCT.2024 06:37:34



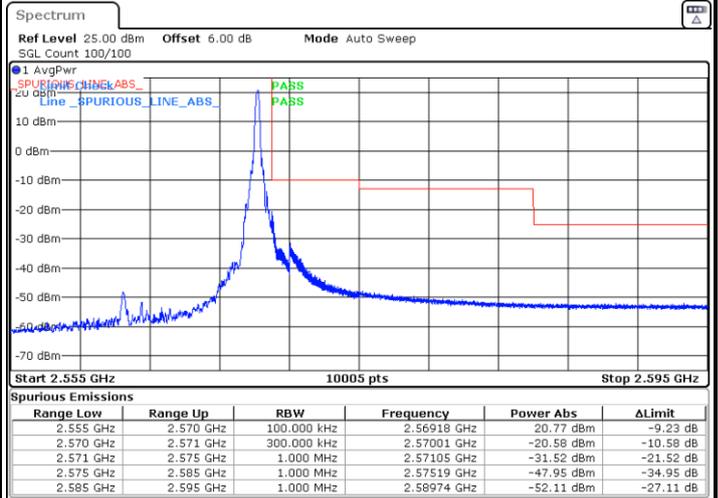
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



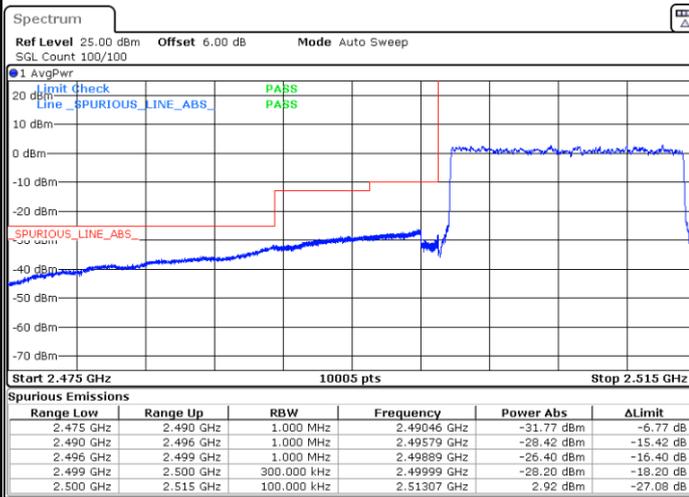
Date: 24.OCT.2024 05:19:12

Highest Band Edge / 1 RB



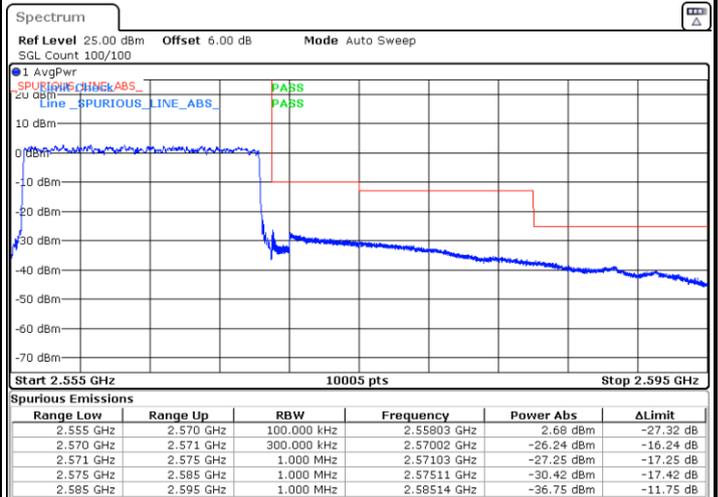
Date: 24.OCT.2024 06:08:01

Lowest Band Edge / Full RB



Date: 24.OCT.2024 05:14:09

Highest Band Edge / Full RB

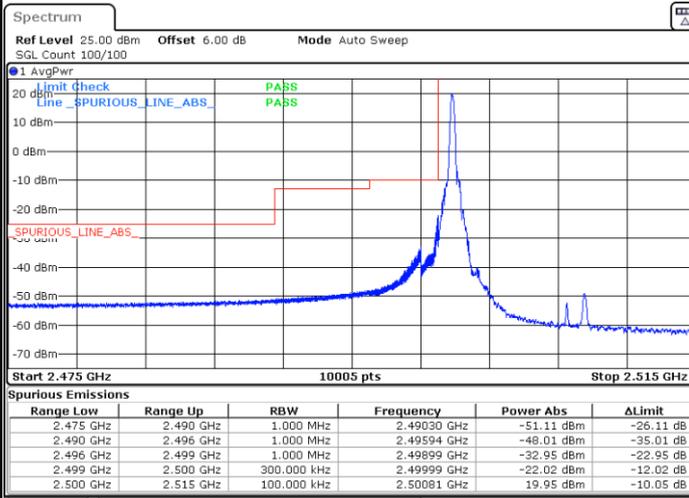


Date: 24.OCT.2024 06:37:17



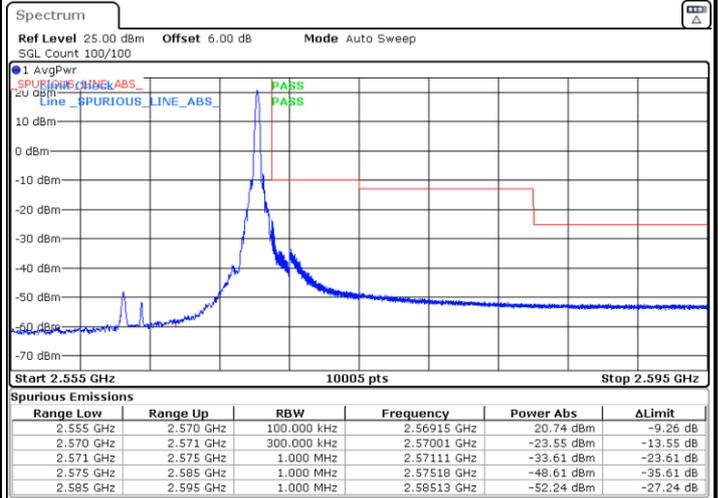
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



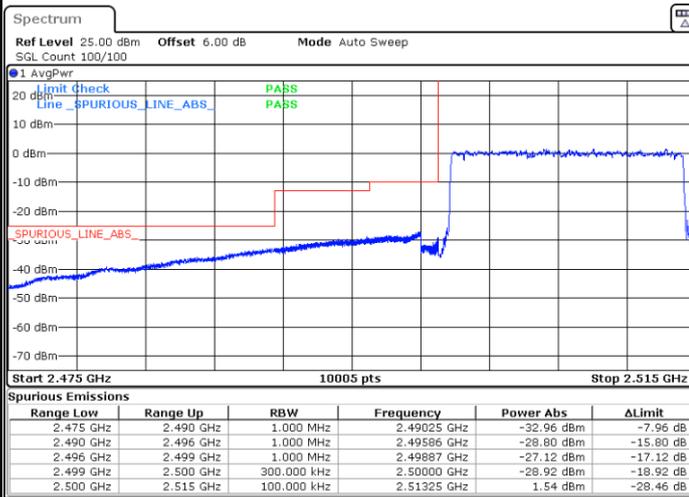
Date: 24.OCT.2024 05:18:48

Highest Band Edge / 1 RB



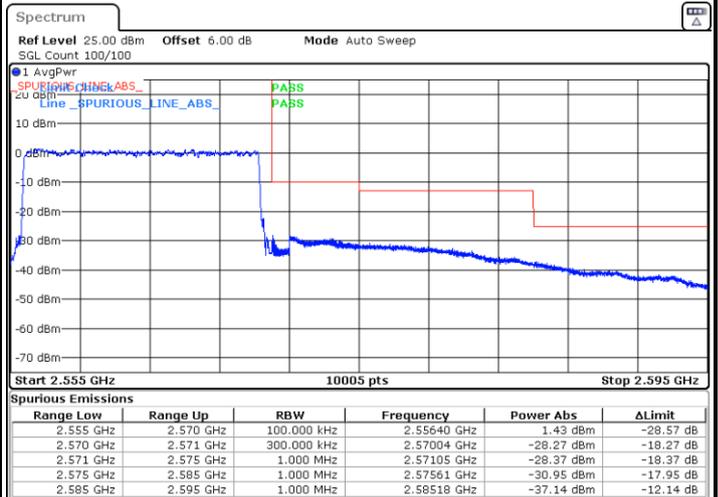
Date: 24.OCT.2024 06:08:23

Lowest Band Edge / Full RB



Date: 24.OCT.2024 05:15:08

Highest Band Edge / Full RB

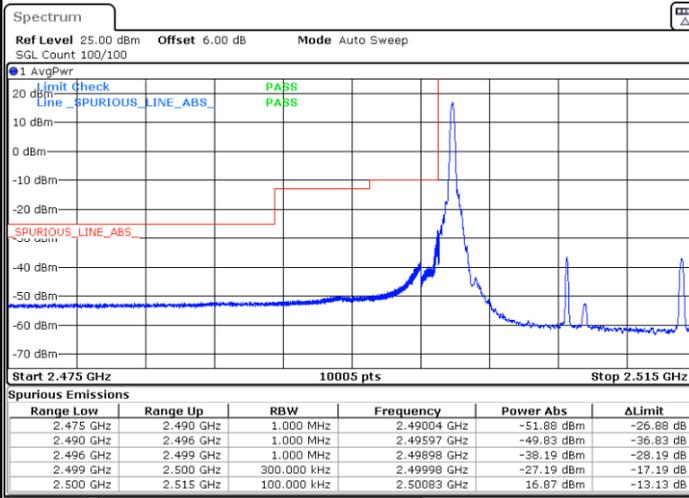


Date: 24.OCT.2024 06:37:00



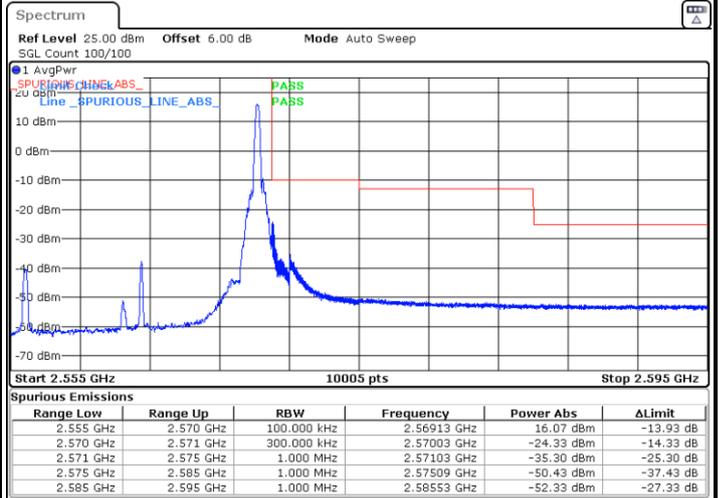
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



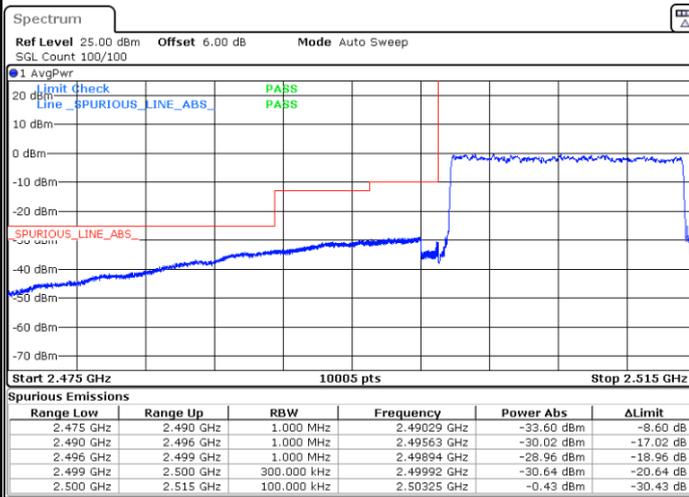
Date: 24.OCT.2024 05:17:42

Highest Band Edge / 1 RB



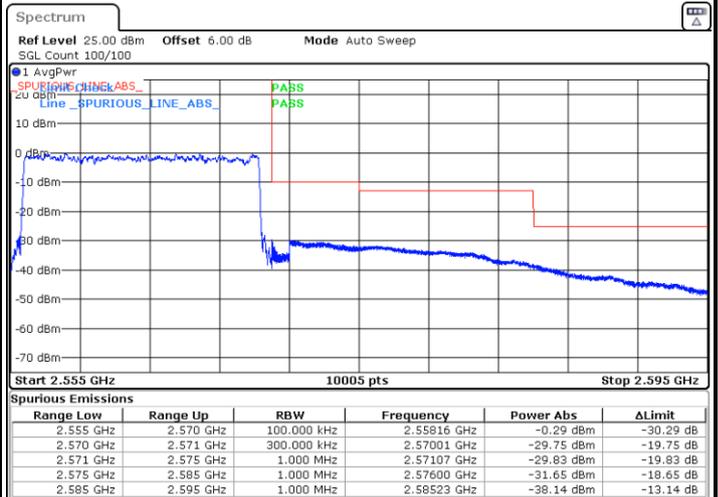
Date: 24.OCT.2024 06:08:41

Lowest Band Edge / Full RB



Date: 24.OCT.2024 05:16:32

Highest Band Edge / Full RB



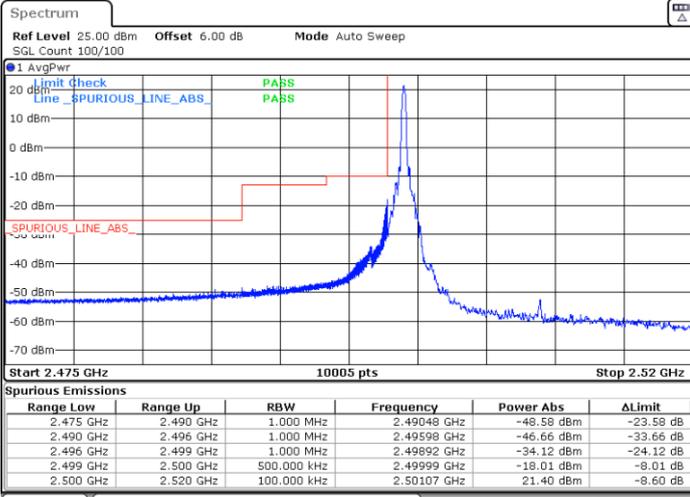
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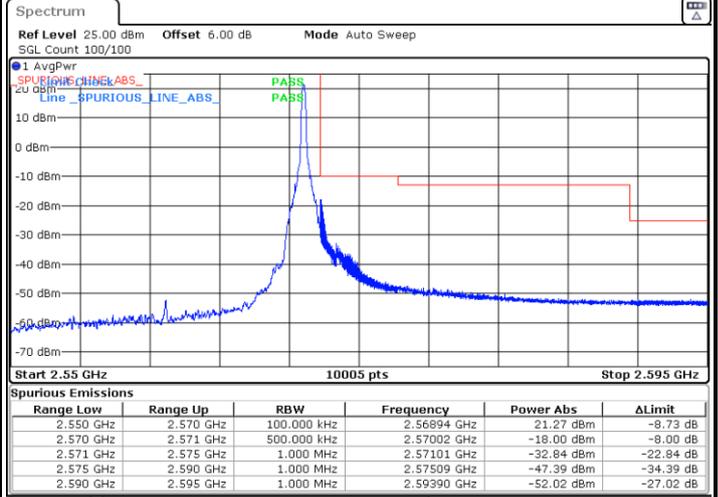
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



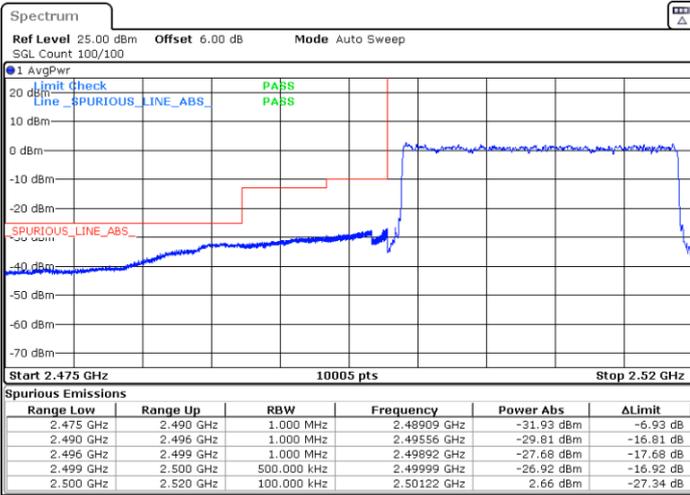
Date: 24.OCT.2024 06:17:49



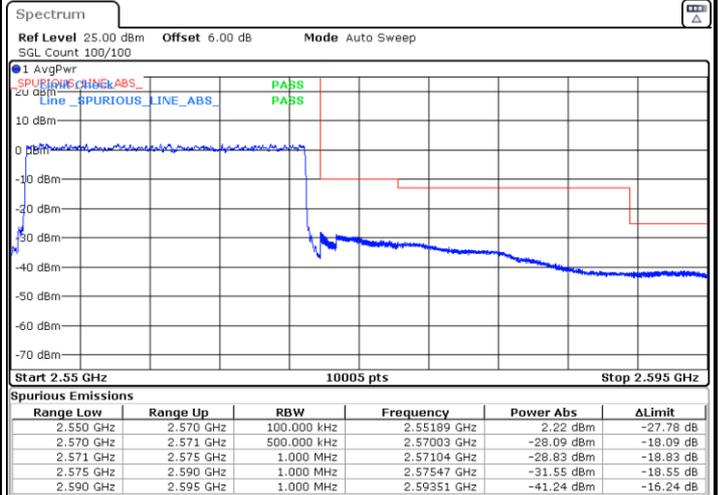
Date: 24.OCT.2024 06:23:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.OCT.2024 06:15:14



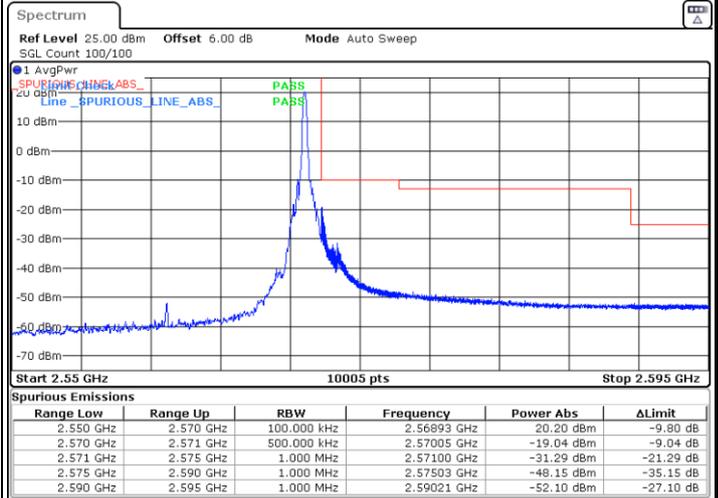
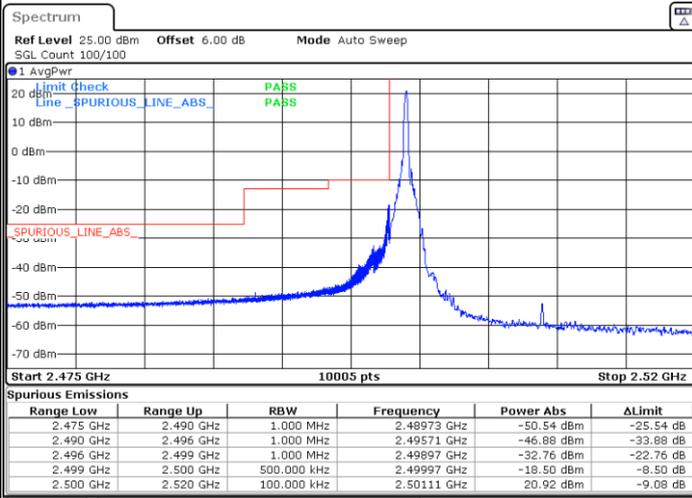
Date: 24.OCT.2024 06:29:43



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

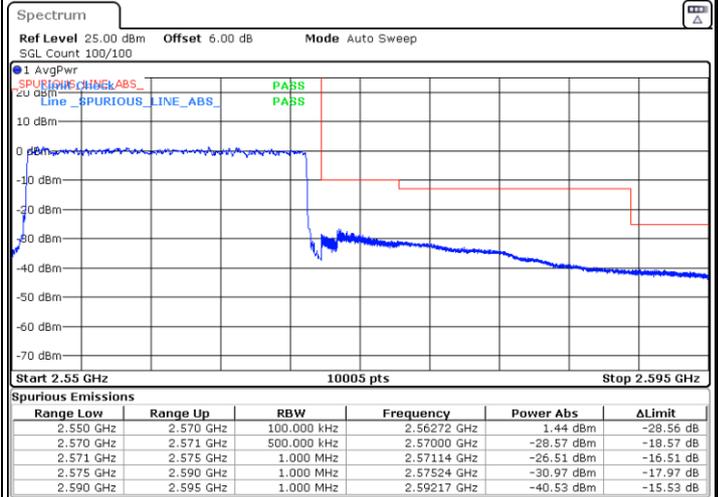
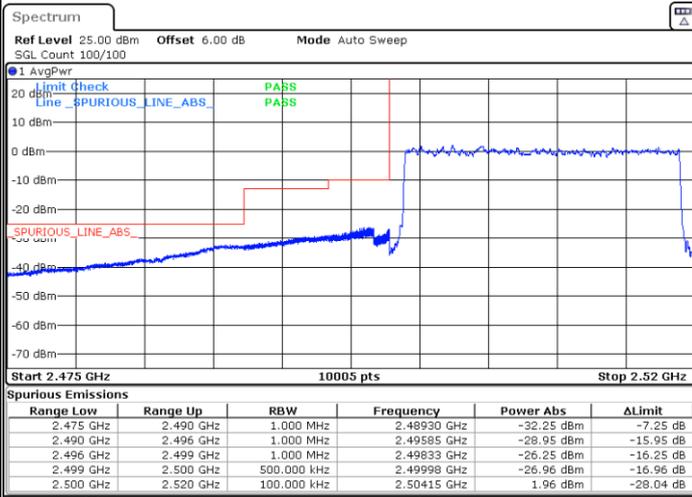


Date: 24.OCT.2024 06:17:21

Date: 24.OCT.2024 06:23:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



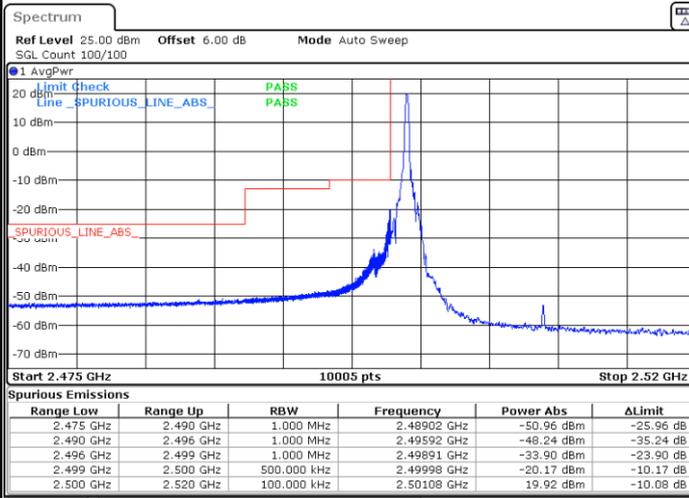
Date: 24.OCT.2024 06:15:33

Date: 24.OCT.2024 06:29:22



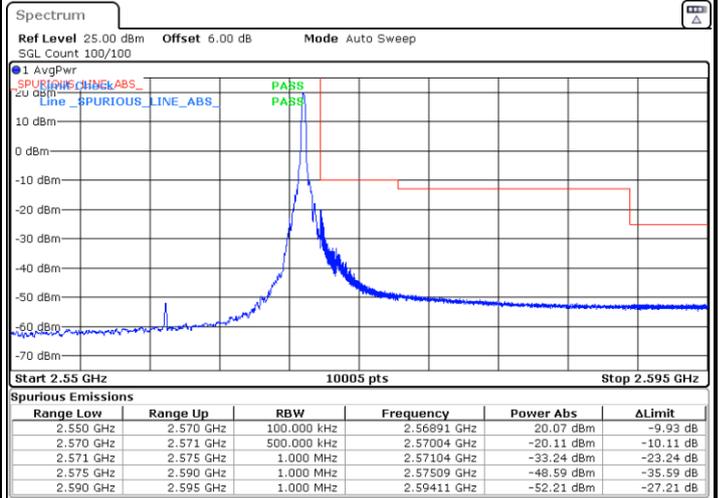
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



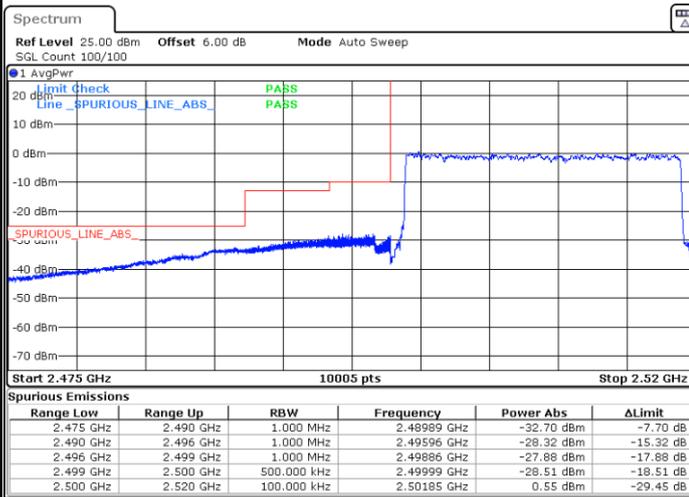
Date: 24.OCT.2024 06:16:59

Highest Band Edge / 1 RB



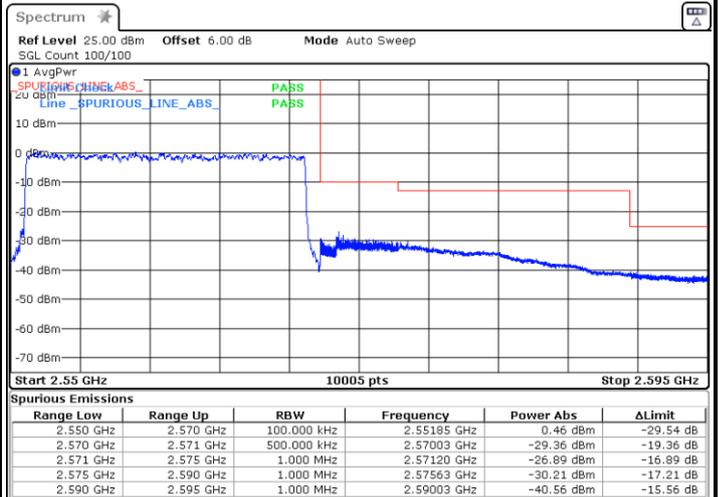
Date: 24.OCT.2024 06:24:20

Lowest Band Edge / Full RB



Date: 24.OCT.2024 06:15:54

Highest Band Edge / Full RB

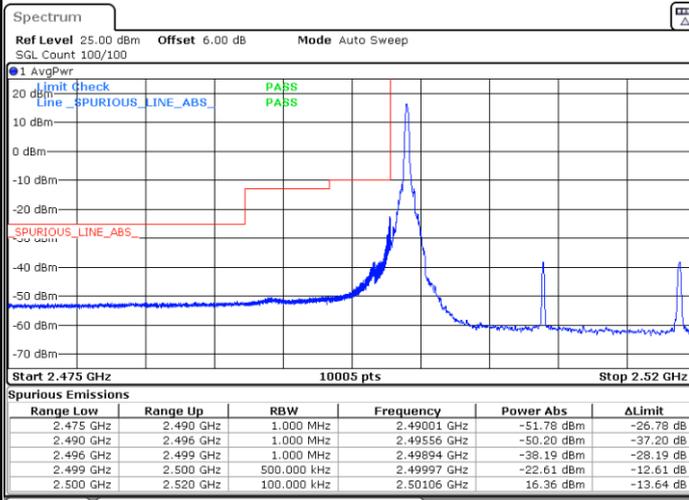


Date: 24.OCT.2024 06:29:00

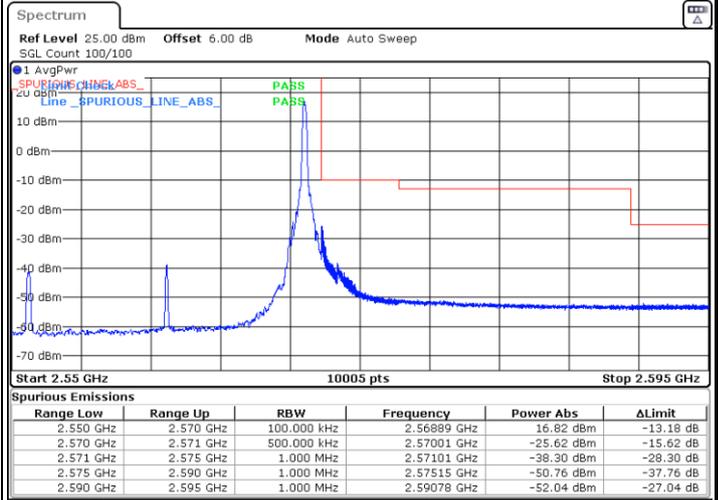


LTE Band 7 / 20MHz / 256QAM

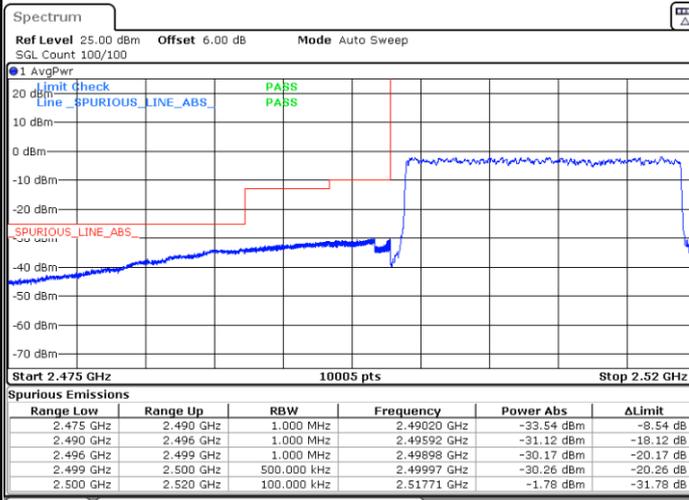
Lowest Band Edge / 1 RB



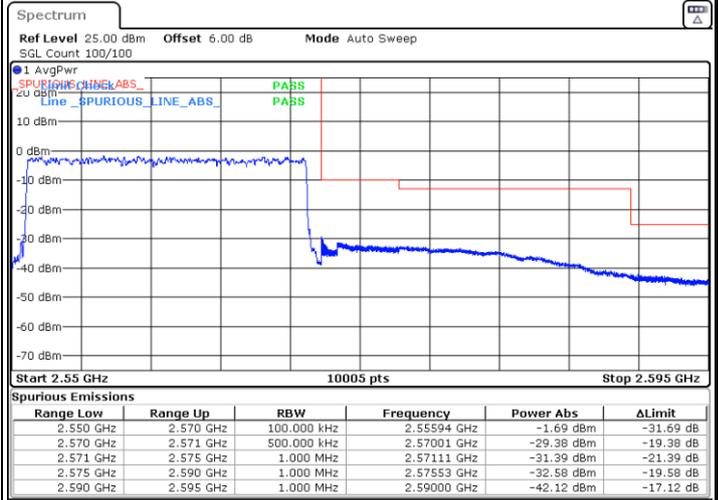
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

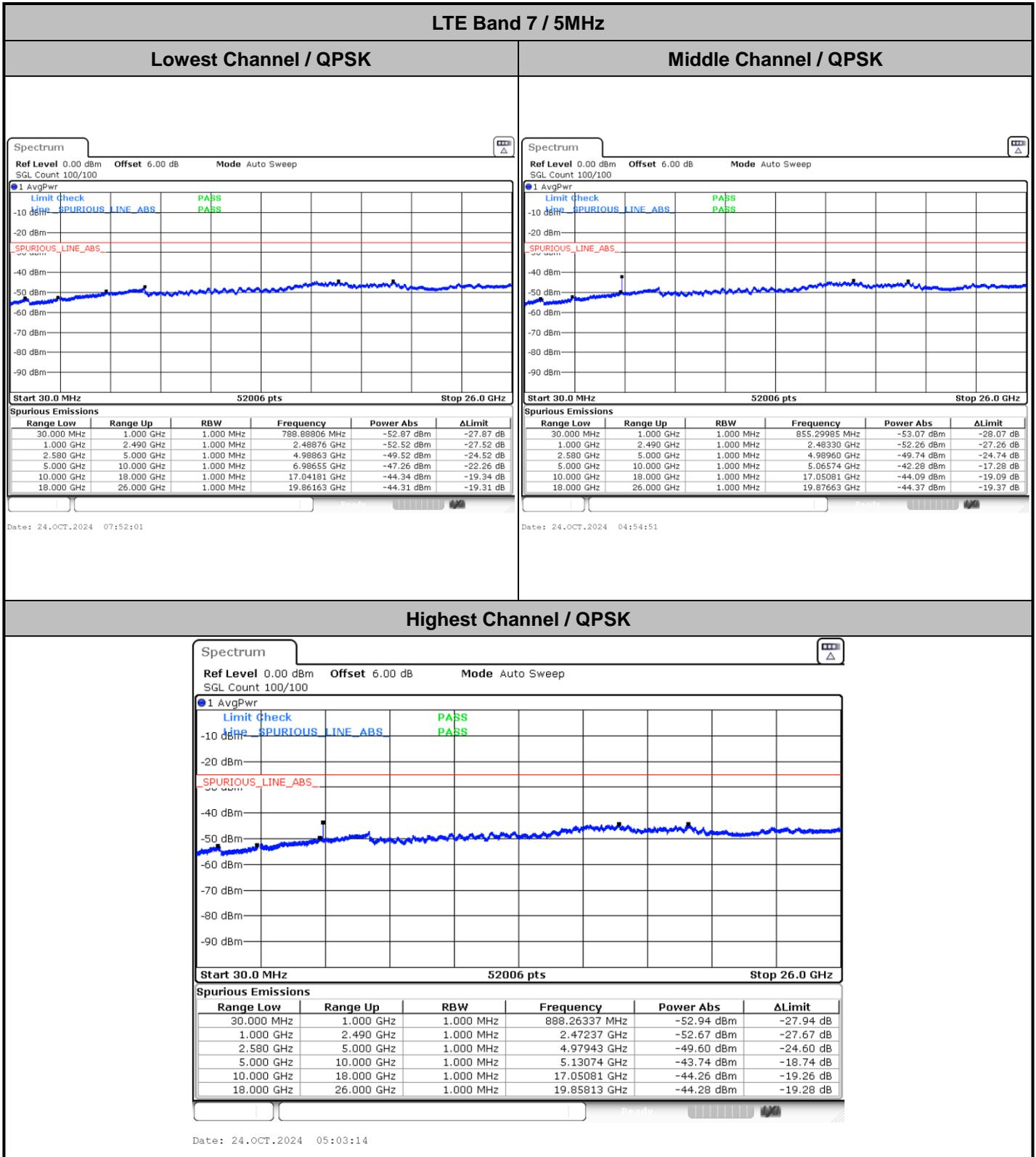


Highest Band Edge / Full RB





Conducted Spurious Emission

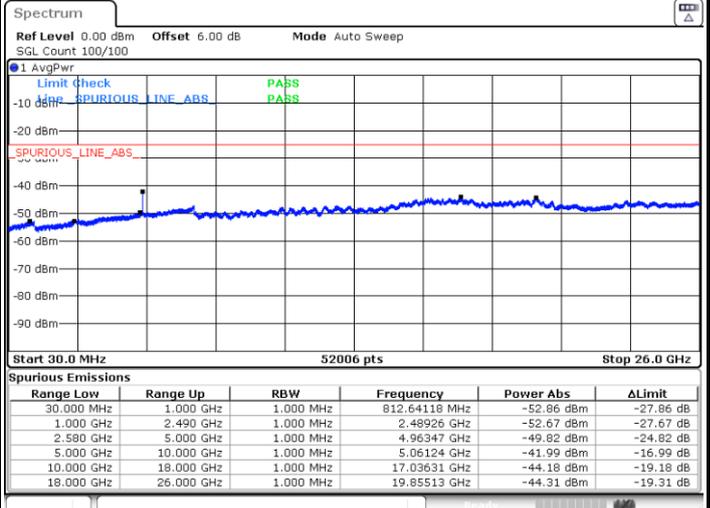
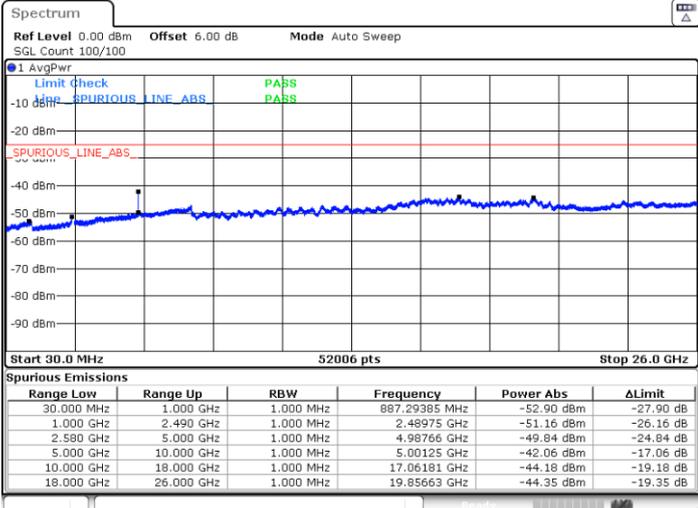




LTE Band 7 / 10MHz

Lowest Channel / QPSK

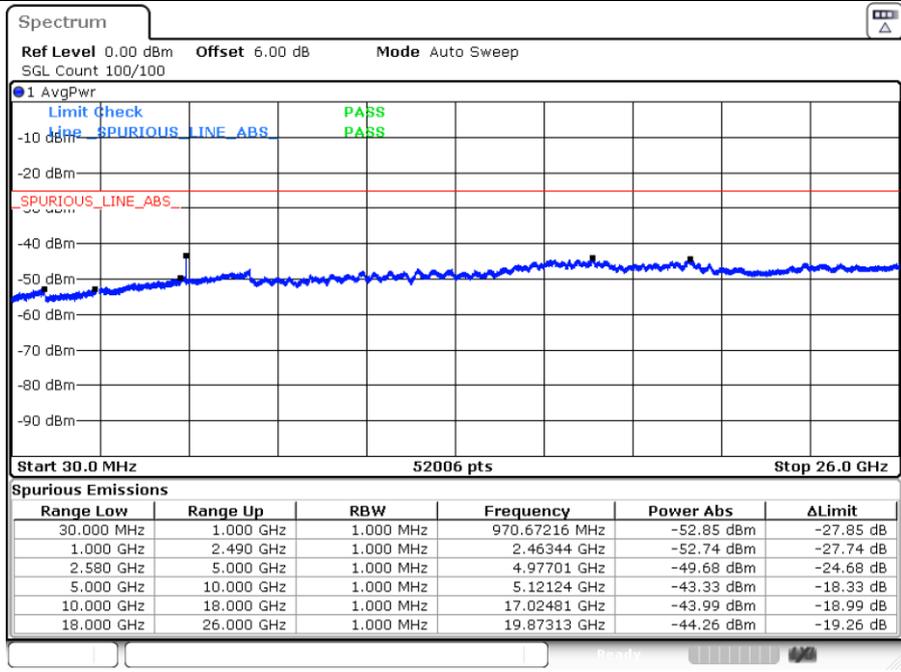
Middle Channel / QPSK



Date: 24.OCT.2024 04:39:38

Date: 24.OCT.2024 04:43:12

Highest Channel / QPSK



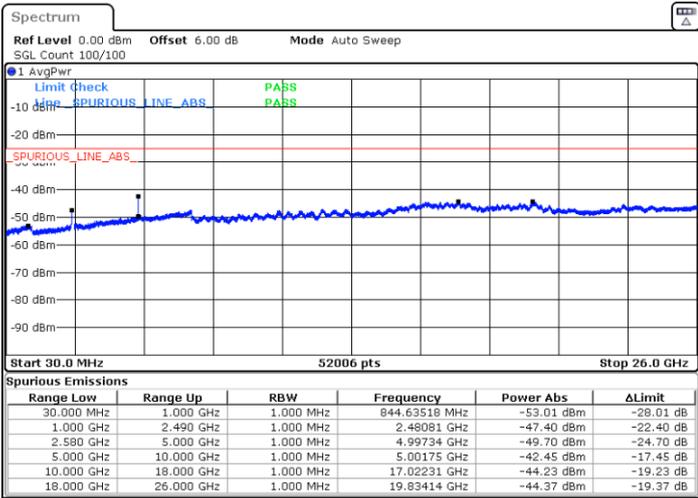
Date: 24.OCT.2024 04:45:45



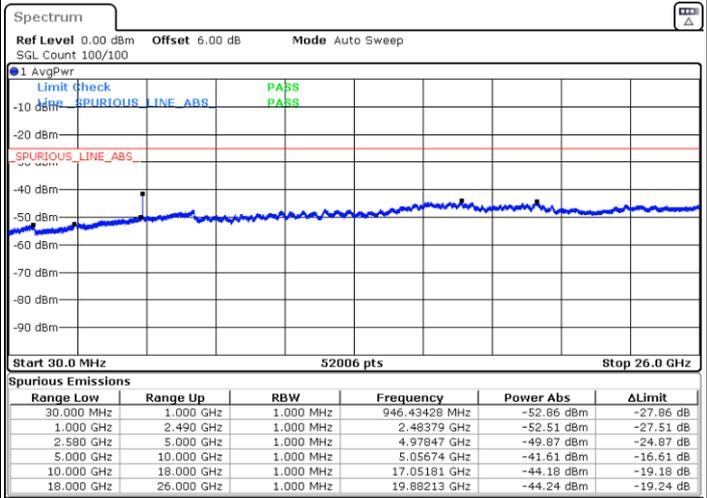
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

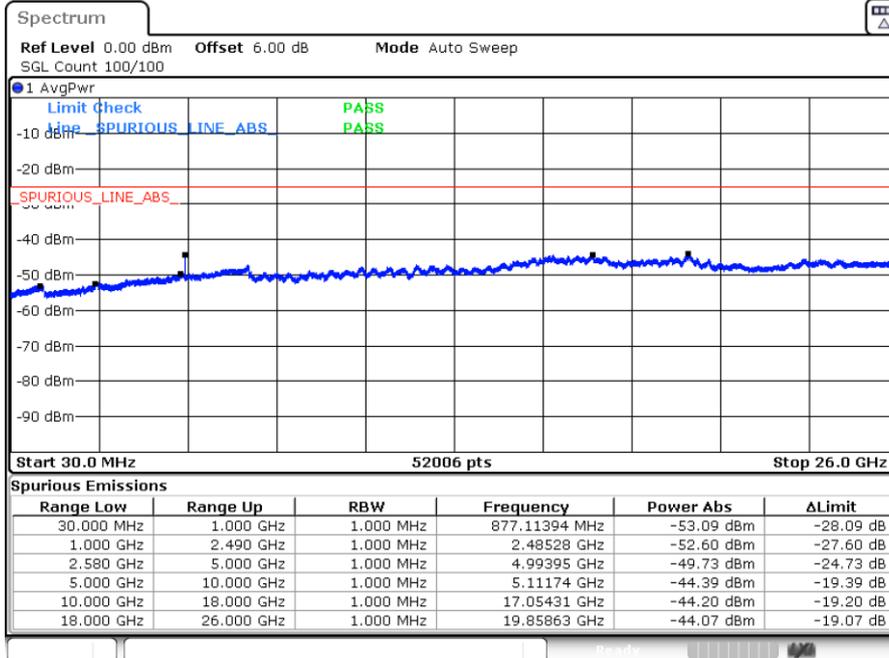


Date: 24.OCT.2024 05:22:01



Date: 24.OCT.2024 05:10:34

Highest Channel / QPSK



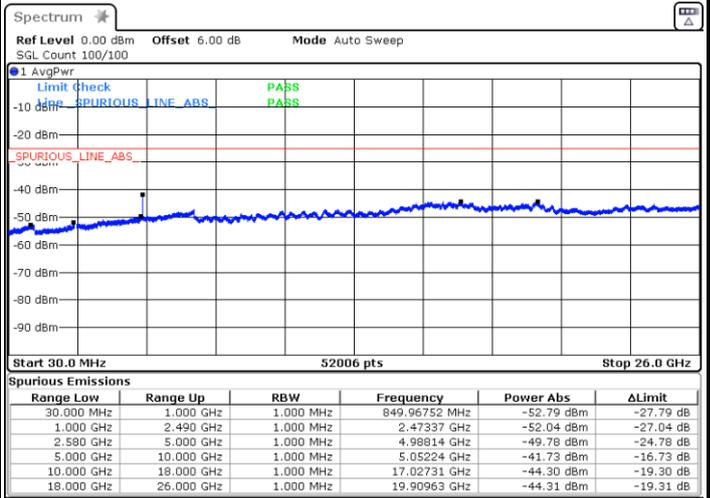
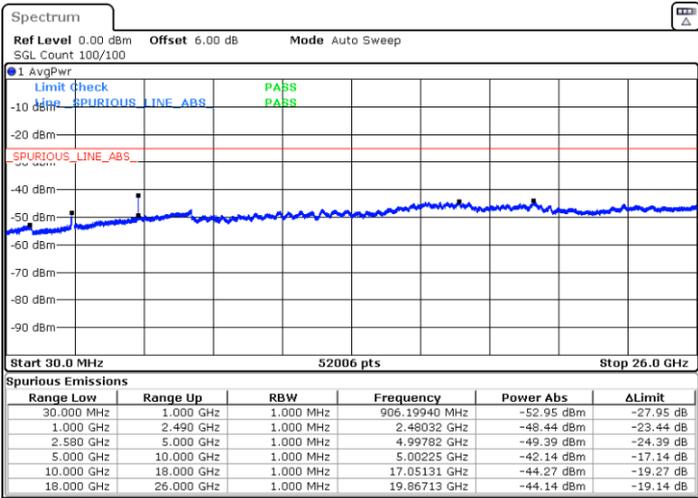
Date: 24.OCT.2024 06:06:53



LTE Band 7 / 20MHz

Lowest Channel / QPSK

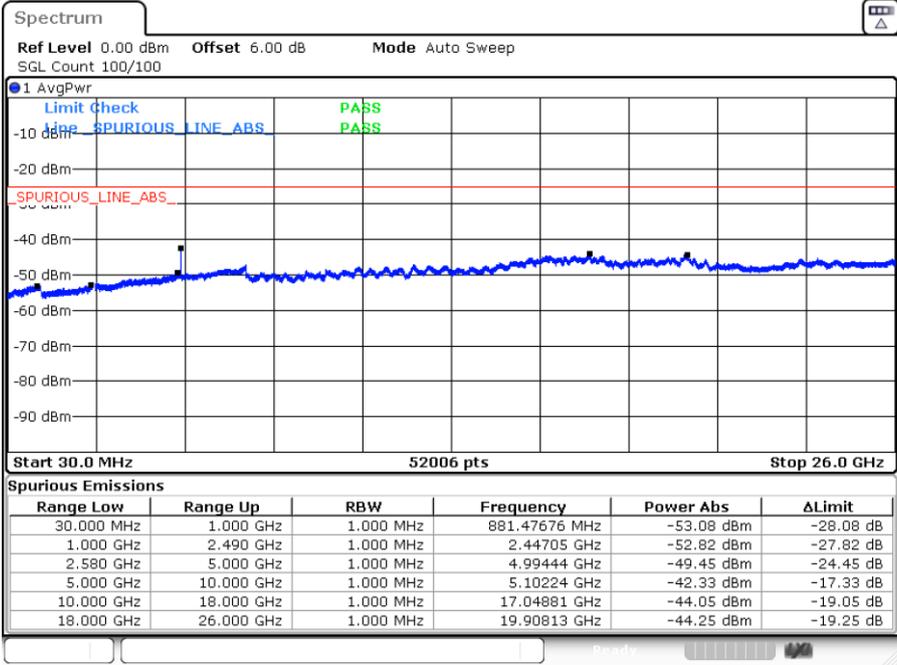
Middle Channel / QPSK



Date: 24.OCT.2024 06:19:32

Date: 24.OCT.2024 06:11:37

Highest Channel / QPSK



Date: 24.OCT.2024 06:22:14



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	0.0021	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0015	

Note:

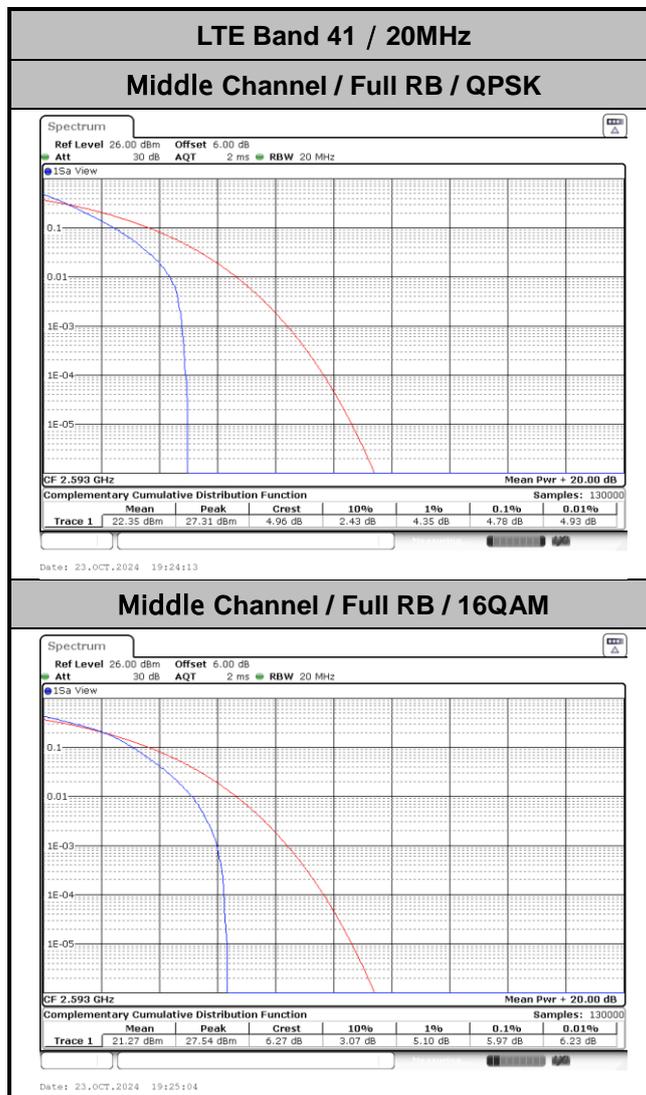
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

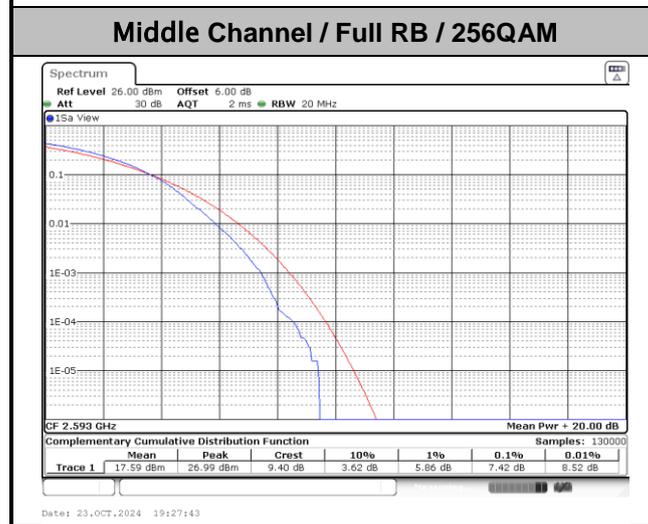
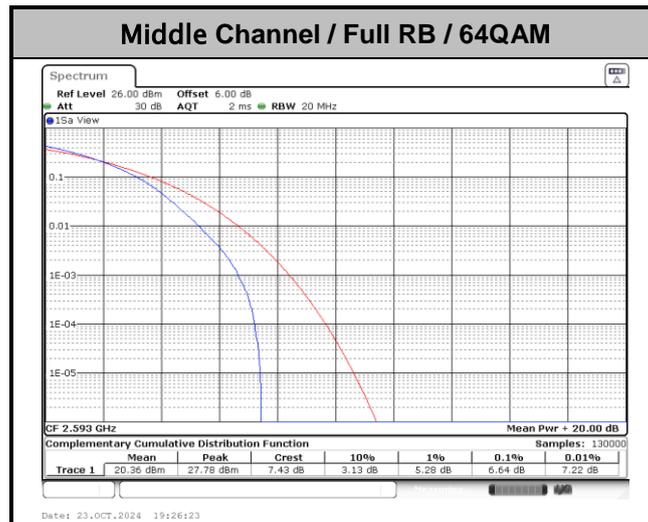


LTE Band 41(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.35	5.97	6.64	7.42	PASS

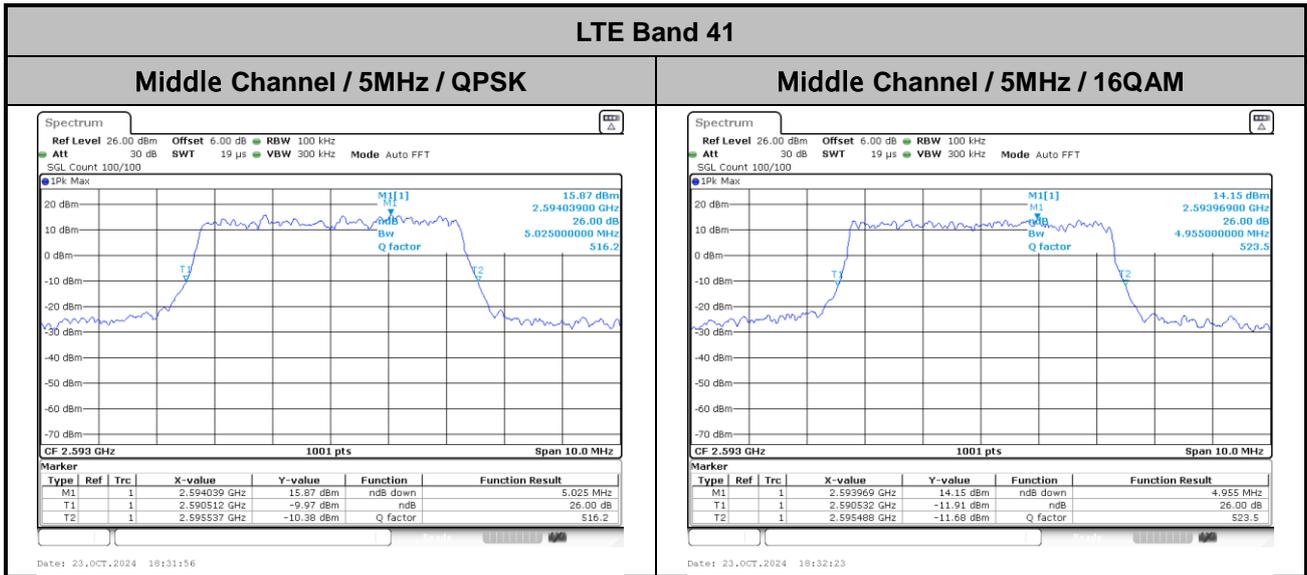






26dB Bandwidth

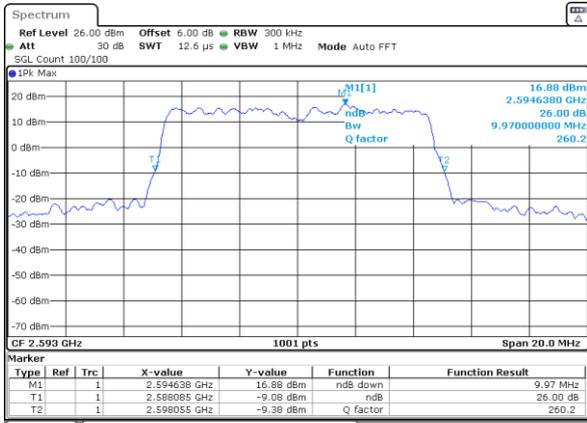
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.02	4.96
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.97	9.93
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.33	14.36
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.78	19.18





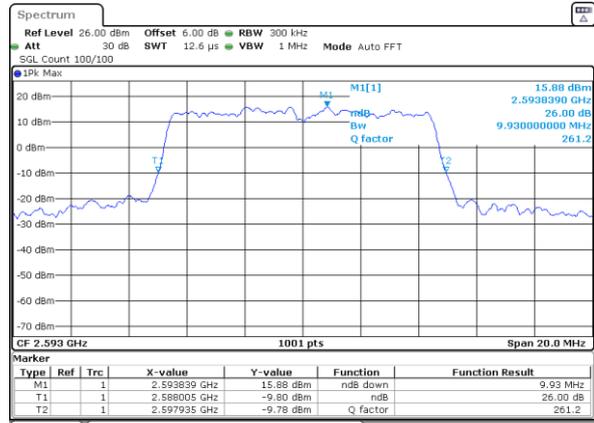
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 23_OCT_2024 18:39:00

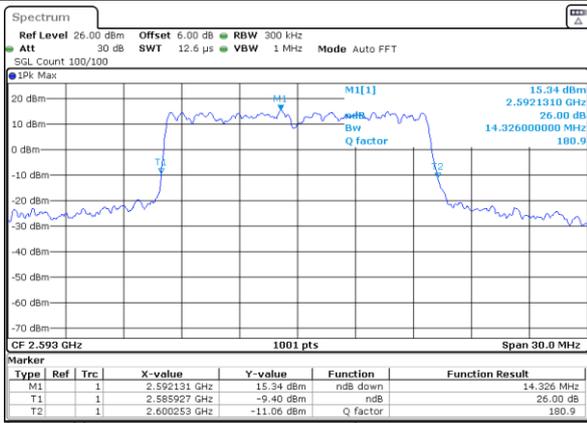
Middle Channel / 10MHz / 16QAM



Date: 23_OCT_2024 18:40:38

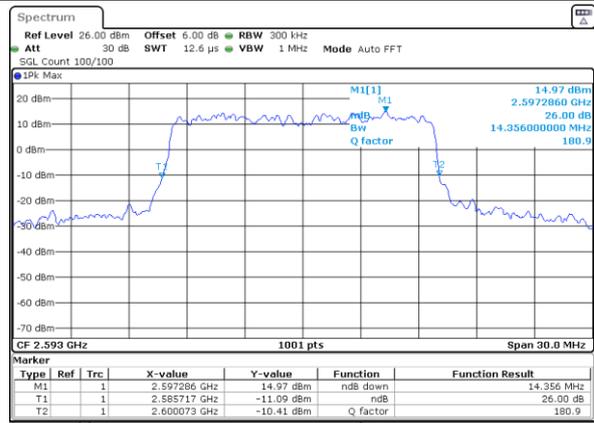
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 23_OCT_2024 18:59:32

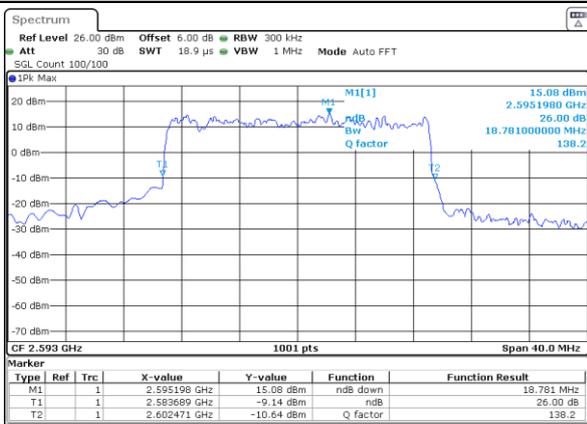
Middle Channel / 15MHz / 16QAM



Date: 23_OCT_2024 18:59:59

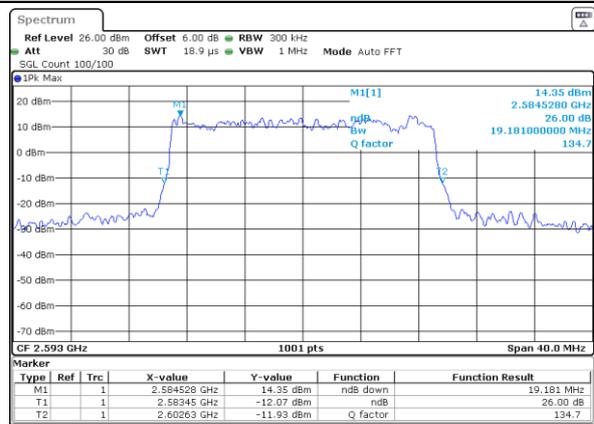
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 23_OCT_2024 19:24:30

Middle Channel / 20MHz / 16QAM

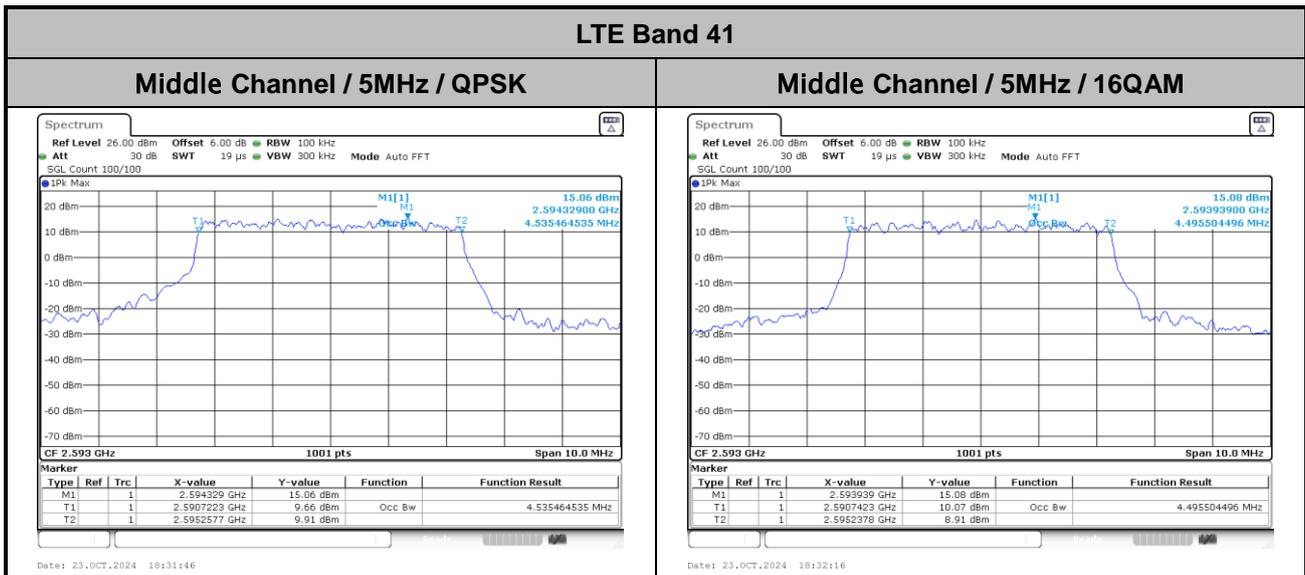


Date: 23_OCT_2024 19:25:49



Occupied Bandwidth

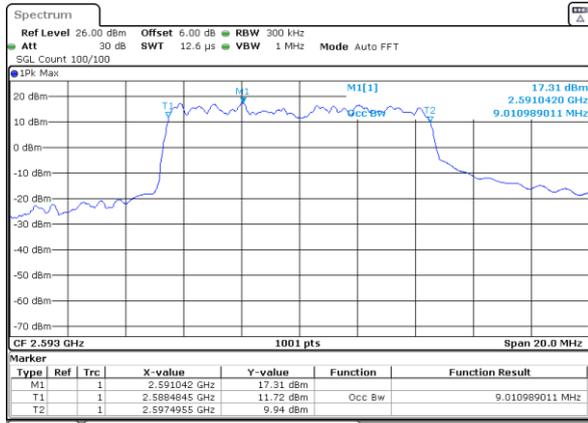
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.54	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.49
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	18.02





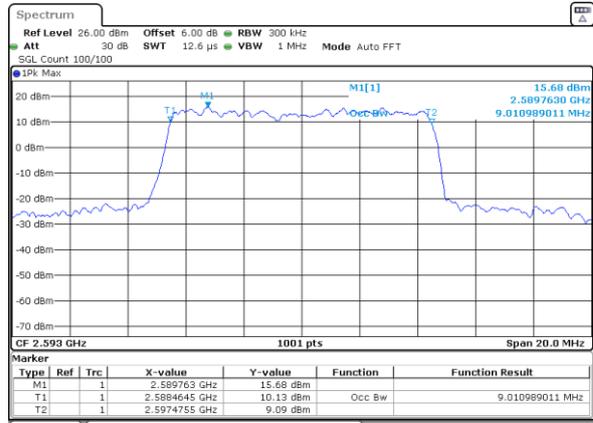
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 23.OCT.2024 18:38:42

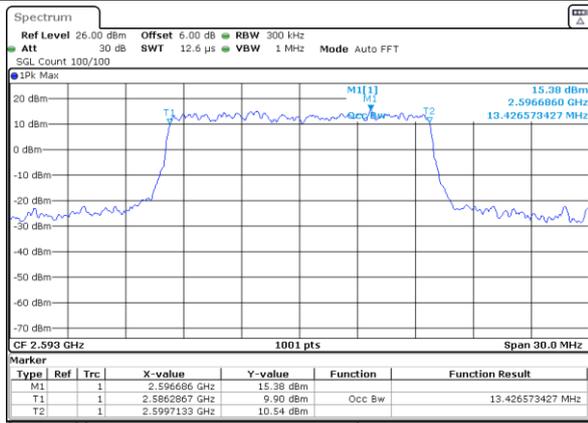
Middle Channel / 10MHz / 16QAM



Date: 23.OCT.2024 18:40:27

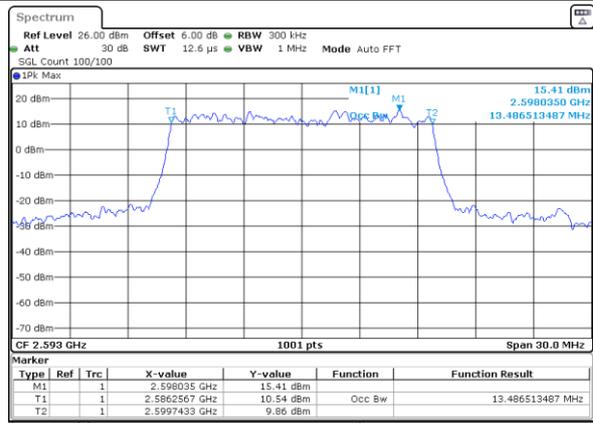
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 23.OCT.2024 18:59:18

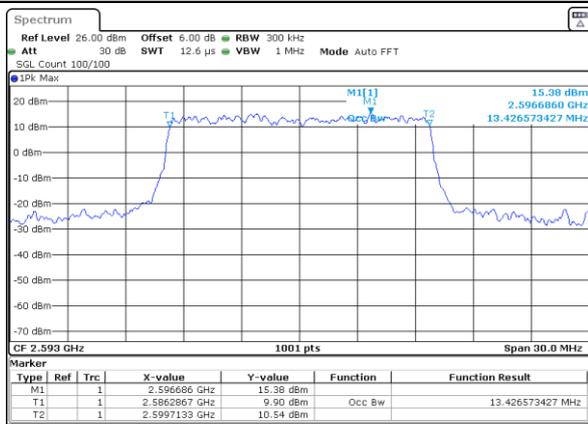
Middle Channel / 15MHz / 16QAM



Date: 23.OCT.2024 18:59:51

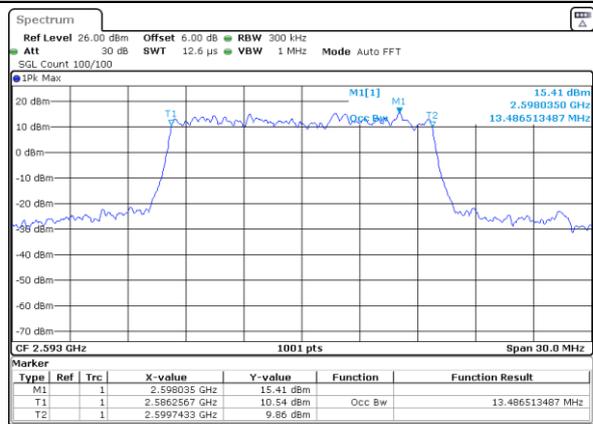
LTE Band 41

Middle Channel / 20MHz / QPSK



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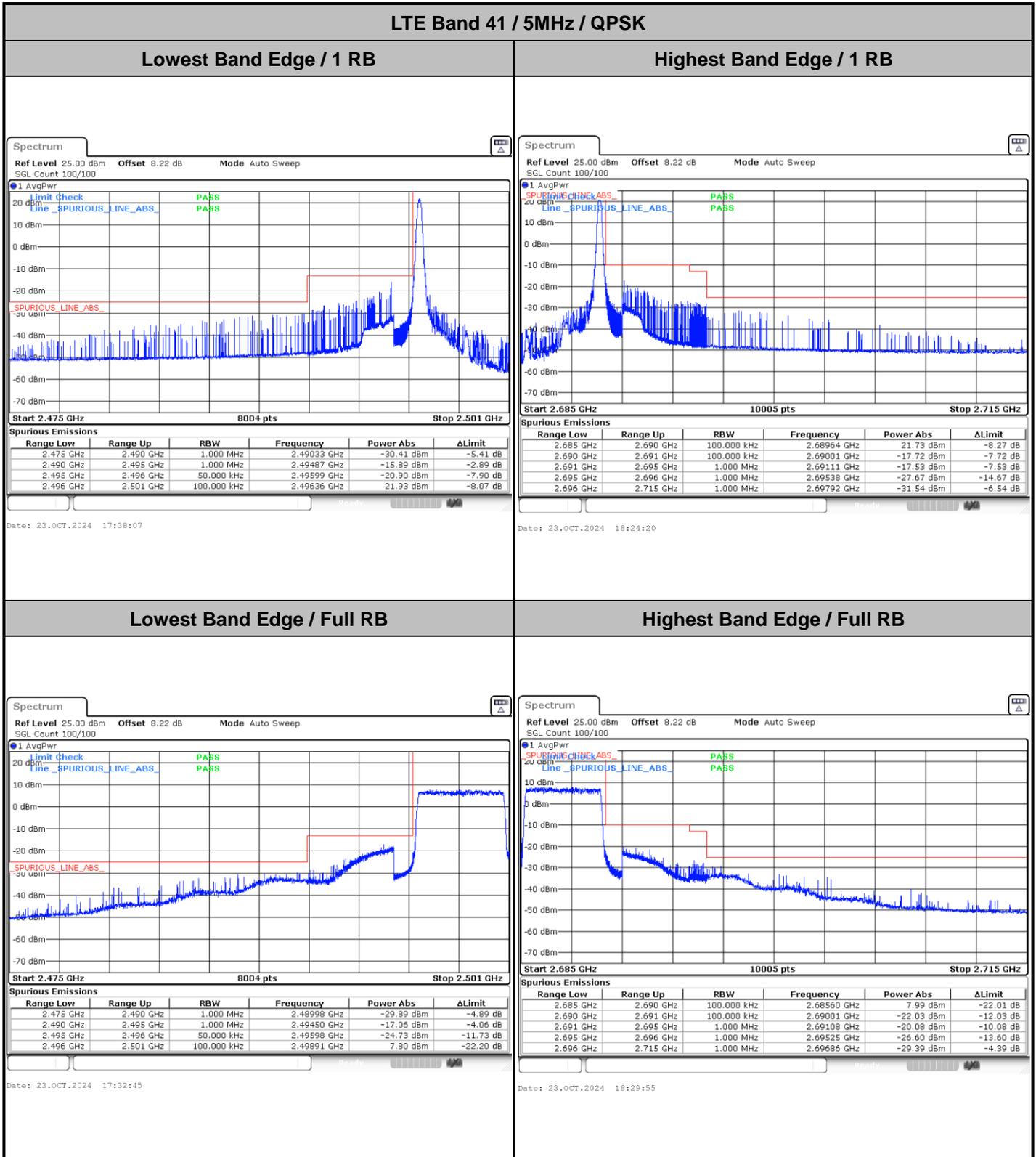
Middle Channel / 20MHz / 16QAM



Date: 23.OCT.2024 18:59:51



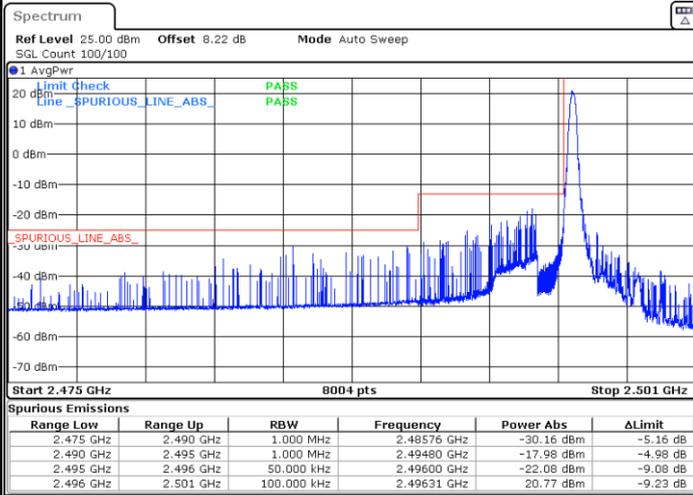
Conducted Band Edge



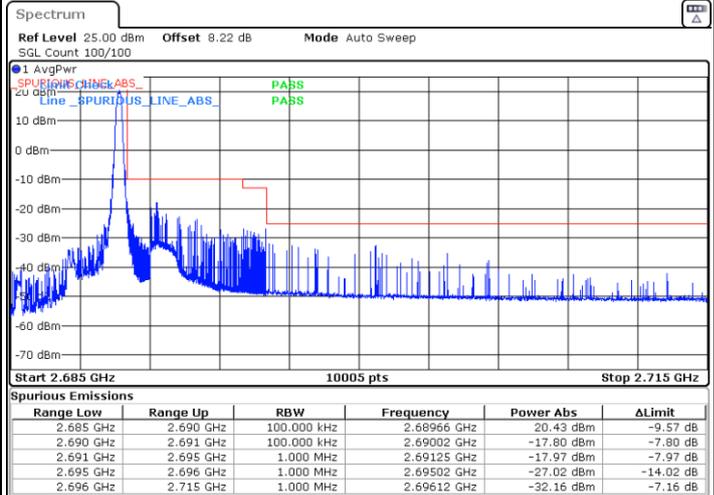


LTE Band 41 / 5MHz / 16QAM

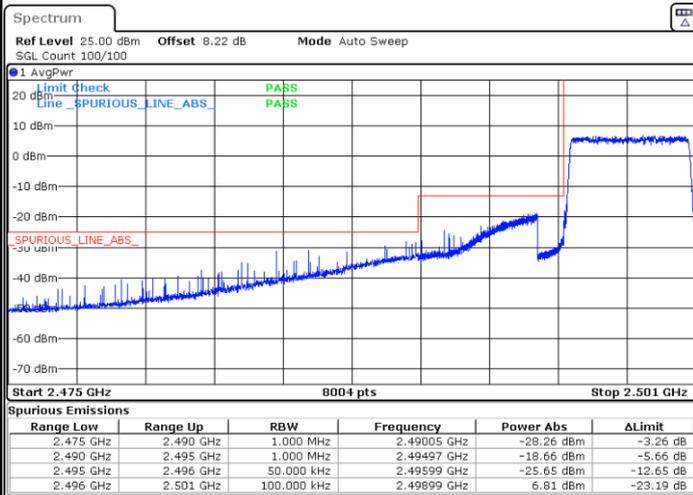
Lowest Band Edge / 1RB



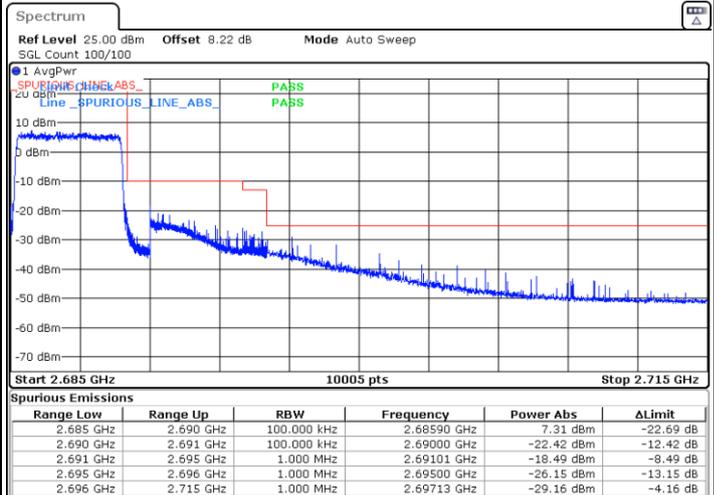
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



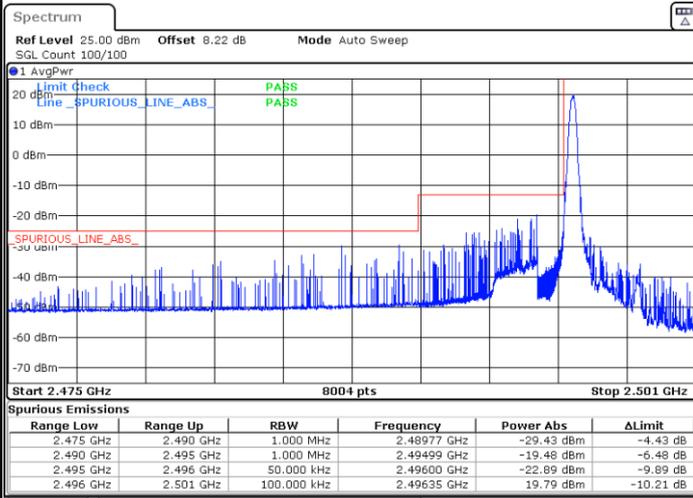
Highest Band Edge / Full RB





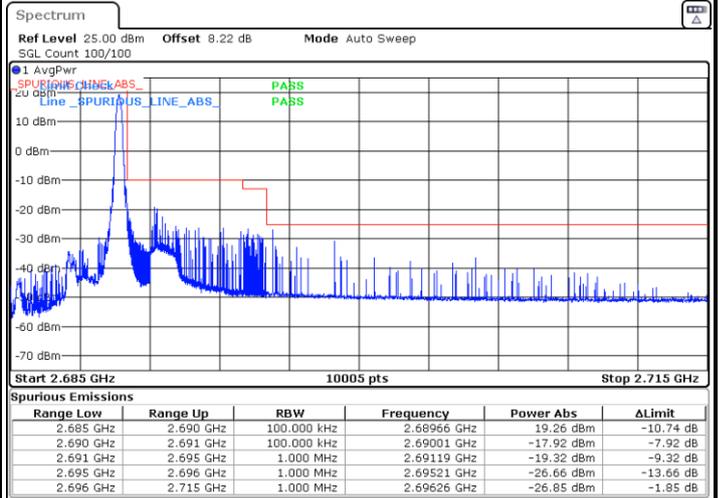
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



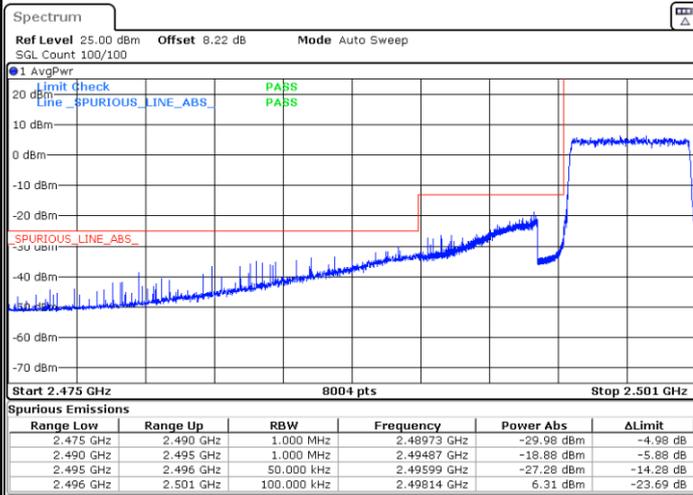
Date: 23.OCT.2024 17:37:04

Highest Band Edge / 1 RB



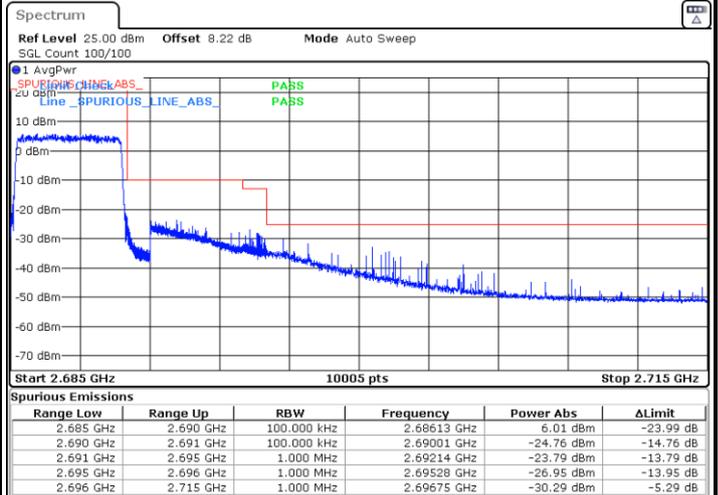
Date: 23.OCT.2024 18:26:01

Lowest Band Edge / Full RB



Date: 23.OCT.2024 17:34:05

Highest Band Edge / Full RB



Date: 23.OCT.2024 18:28:33