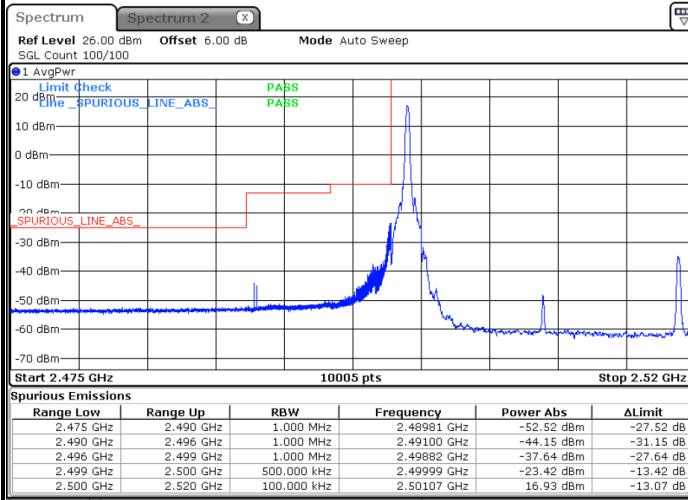


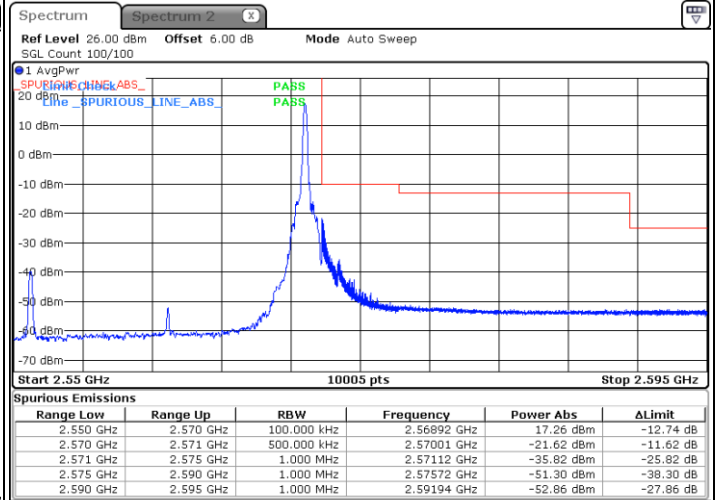


LTE Band 7 / 20MHz / 256QAM

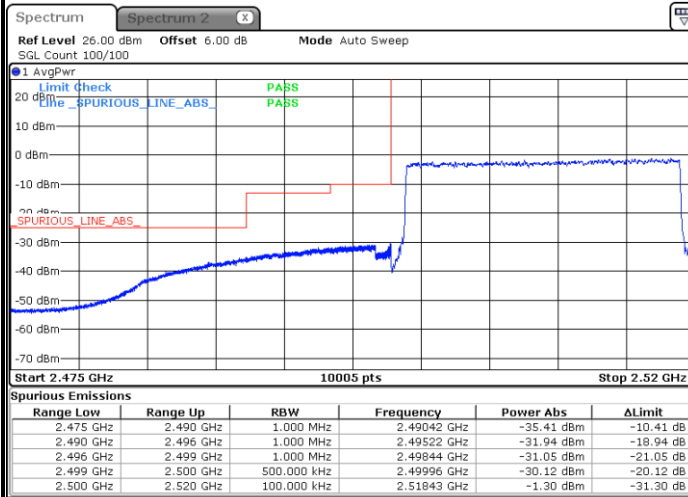
Lowest Band Edge / 1 RB



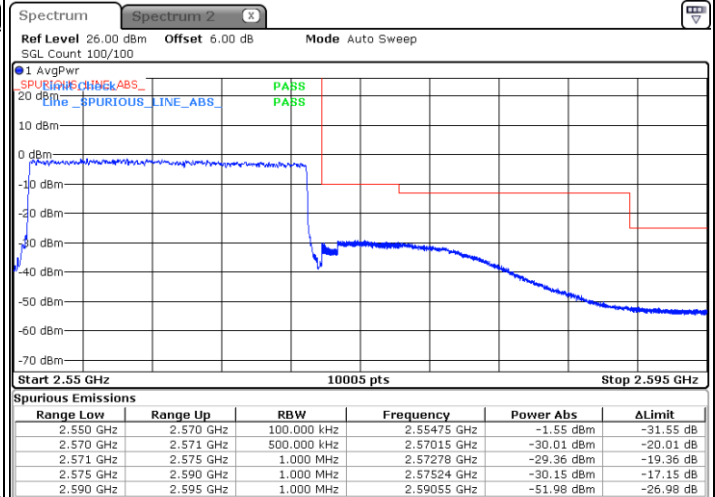
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

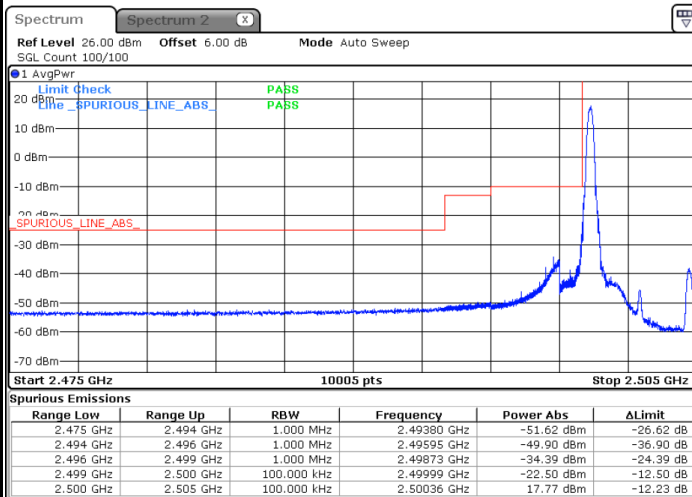




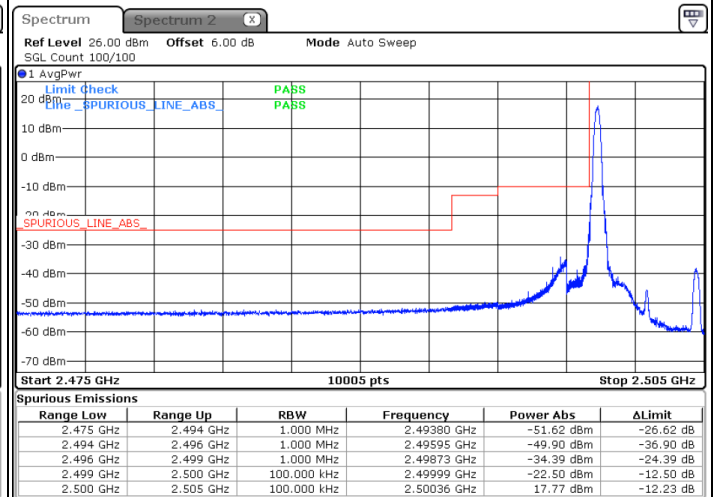
Conducted Spurious Emission

LTE Band 7 / 5MHz

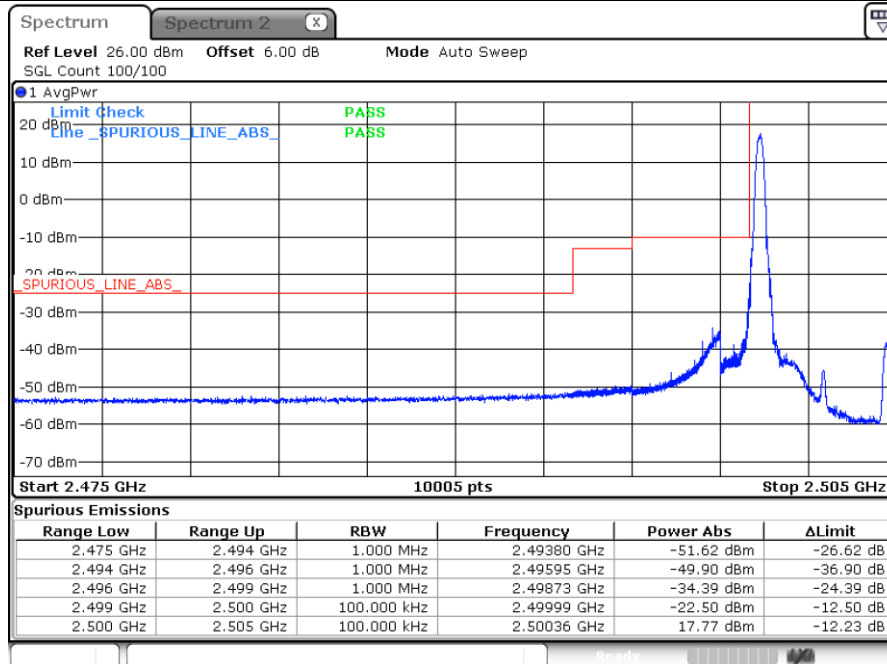
Lowest Channel / QPSK



Middle Channel / QPSK



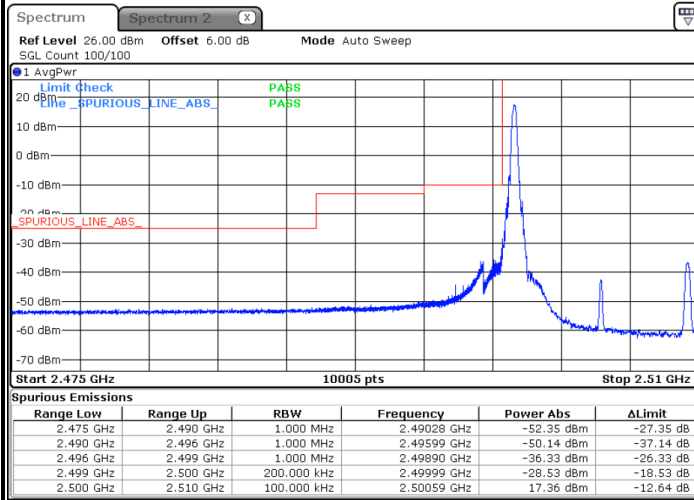
Highest Channel / QPSK





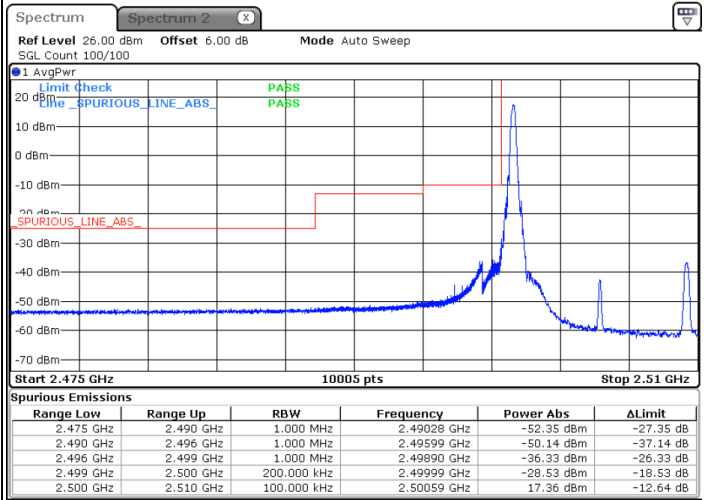
LTE Band 7 / 10MHz

Lowest Channel / QPSK



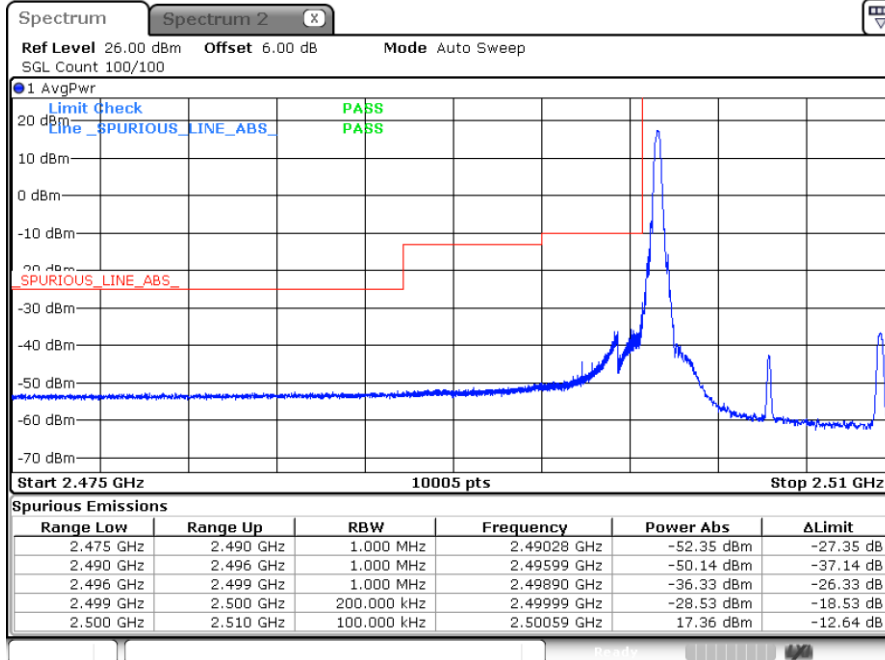
Date: 19.NOV.2024 09:09:16

Middle Channel / QPSK



Date: 19.NOV.2024 09:09:16

Highest Channel / QPSK

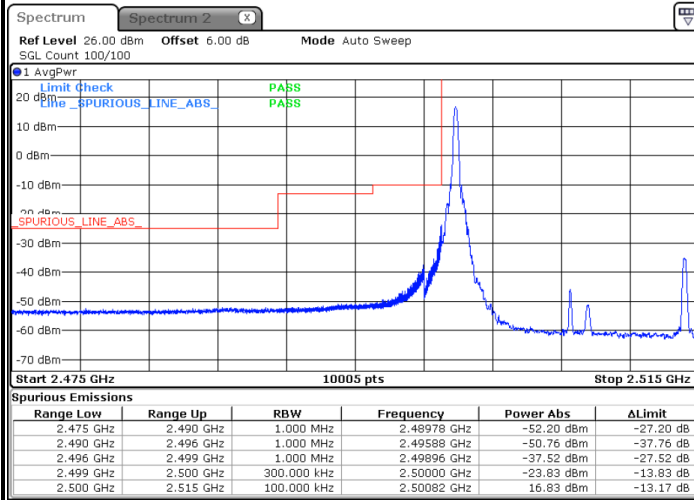


Date: 19.NOV.2024 09:09:16



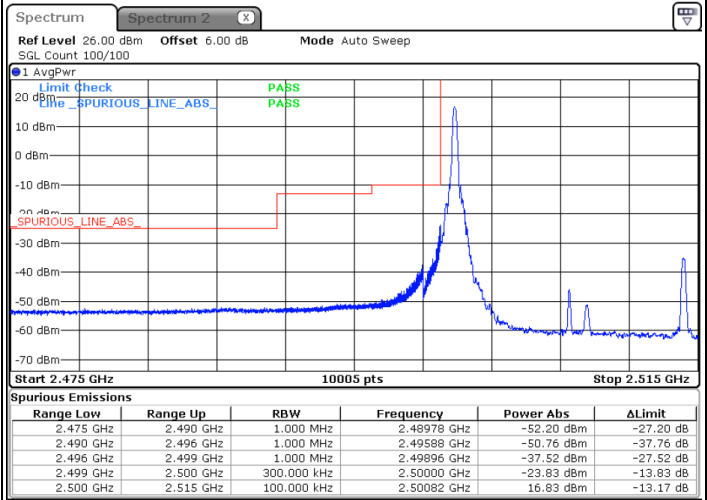
LTE Band 7 / 15MHz

Lowest Channel / QPSK



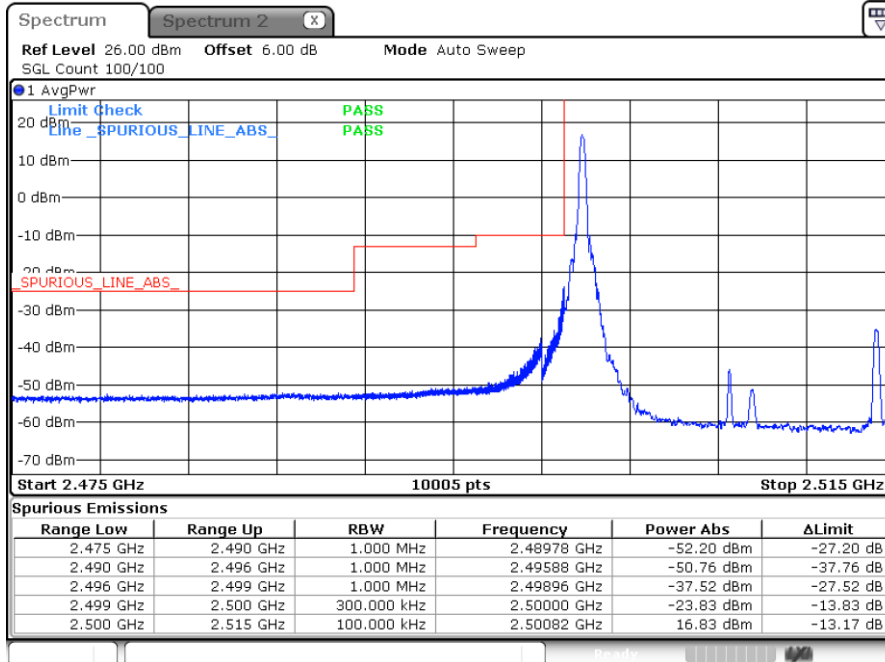
Date: 19.NOV.2024 09:28:22

Middle Channel / QPSK



Date: 19.NOV.2024 09:28:22

Highest Channel / QPSK

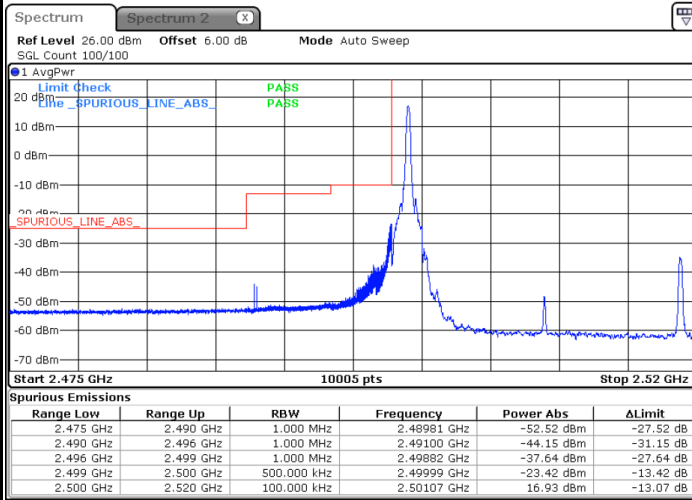


Date: 19.NOV.2024 09:28:22



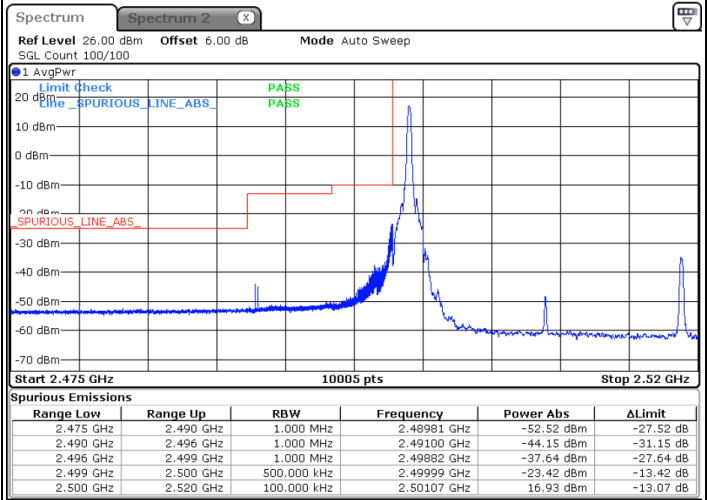
LTE Band 7 / 20MHz

Lowest Channel / QPSK



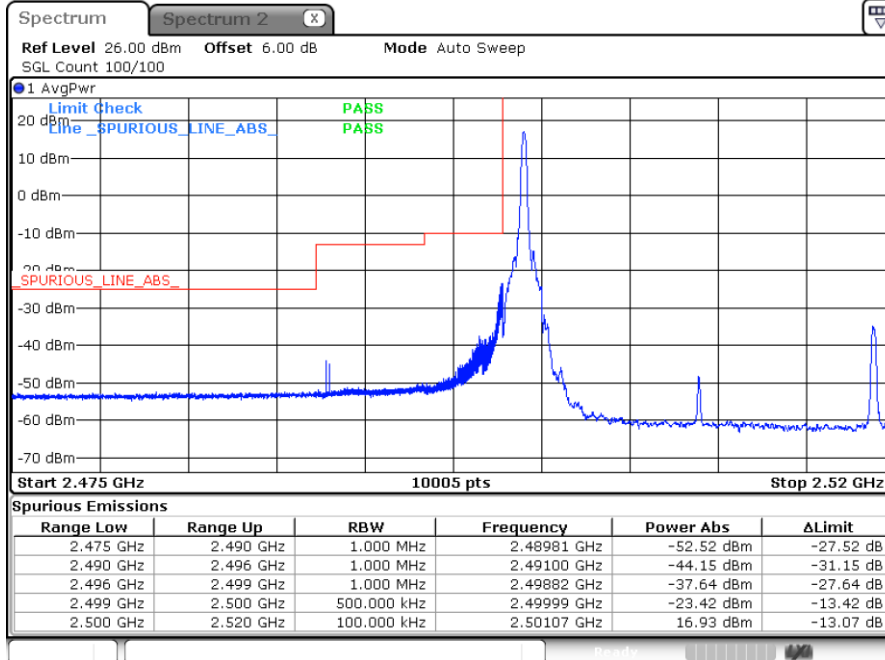
Date: 19.NOV.2024 09:47:30

Middle Channel / QPSK



Date: 19.NOV.2024 09:47:30

Highest Channel / QPSK



Date: 19.NOV.2024 09:47:30

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	0.0012	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0015	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0028	

Note:

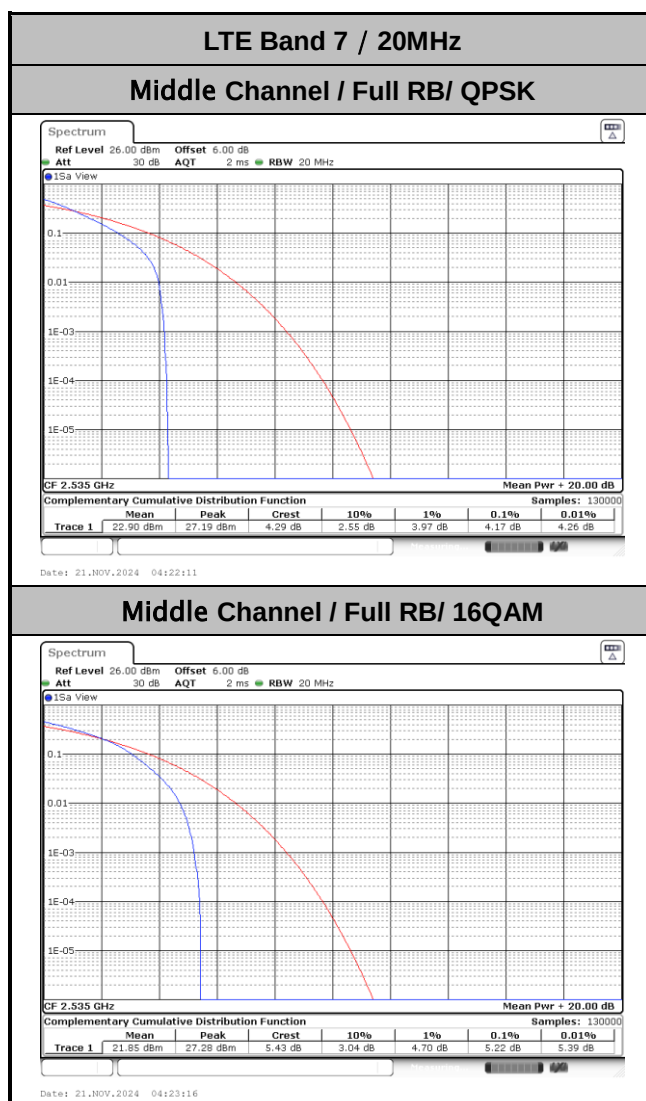
1. Normal Voltage =3.69 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

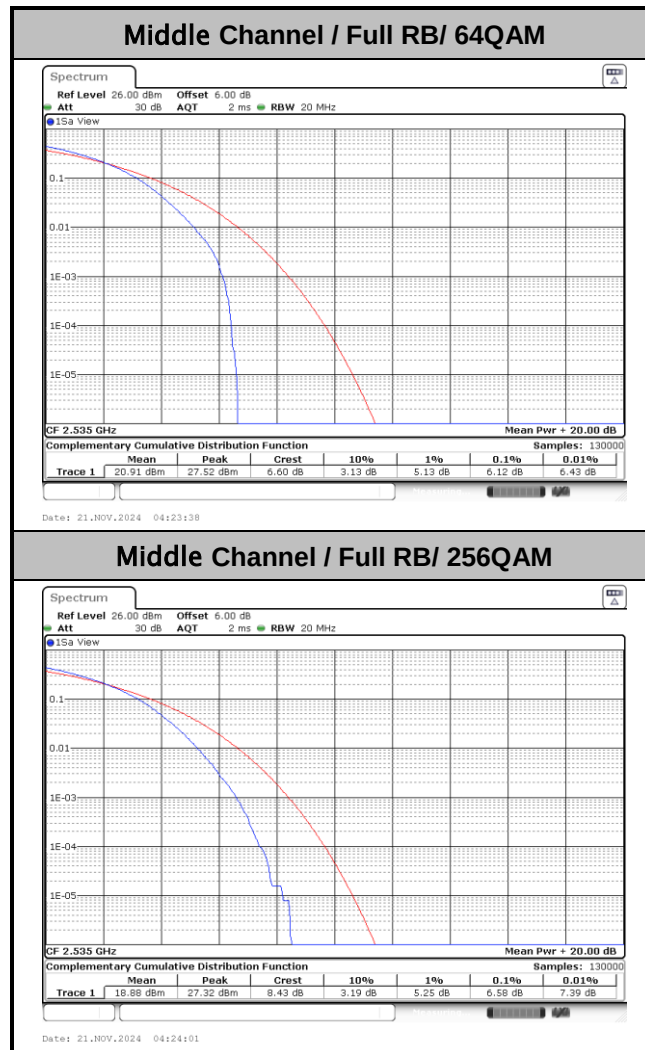


LTE Band 7(Other PA2)

Peak-to-Average Ratio

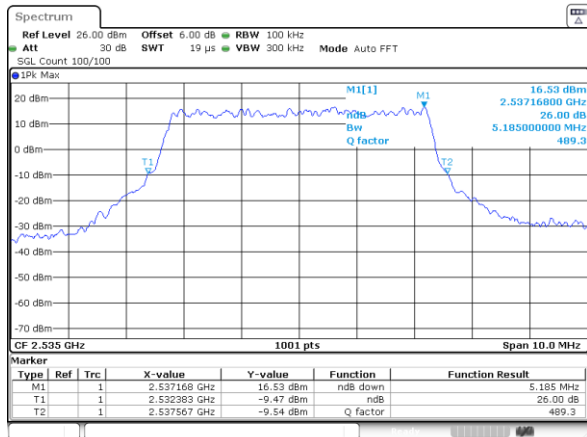
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.17	5.22	6.12	6.58	PASS



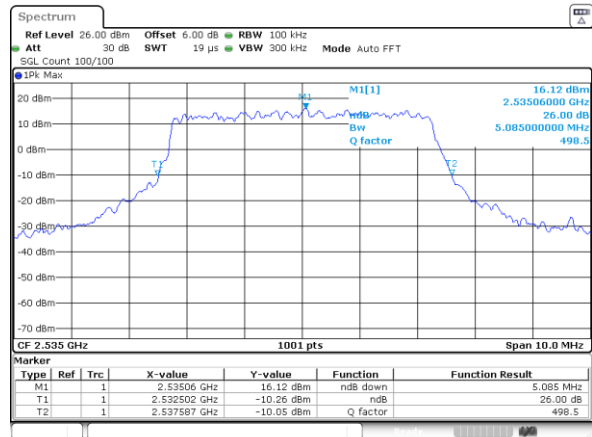


**26dB Bandwidth**

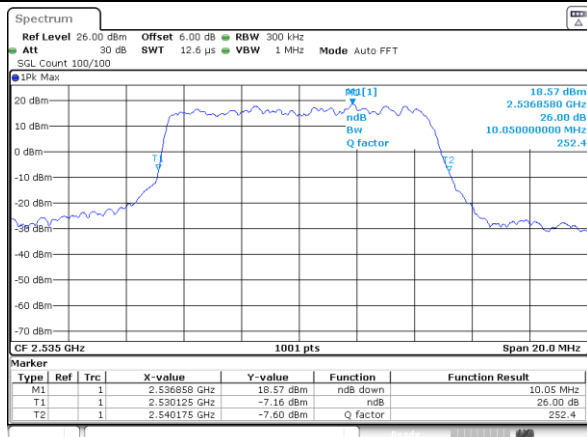
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.19	5.09	10.05	10.01	14.75	14.63	19.54	19.06

LTE Band 7**Middle Channel / 5MHz / QPSK**

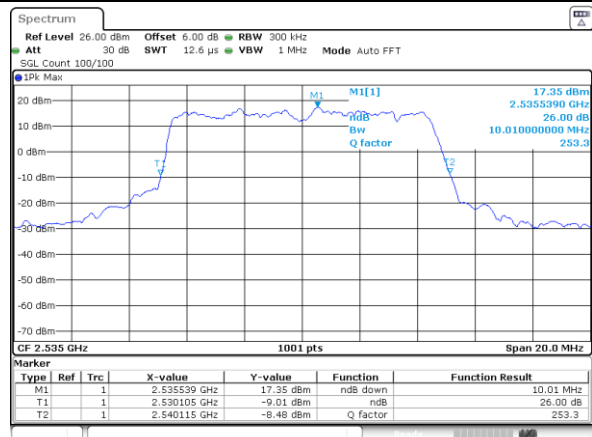
Date: 21.NOV.2024 04:29:33

Middle Channel / 5MHz / 16QAM

Date: 21.NOV.2024 04:29:54

LTE Band 7**Middle Channel / 10MHz / QPSK**

Date: 21.NOV.2024 04:28:08

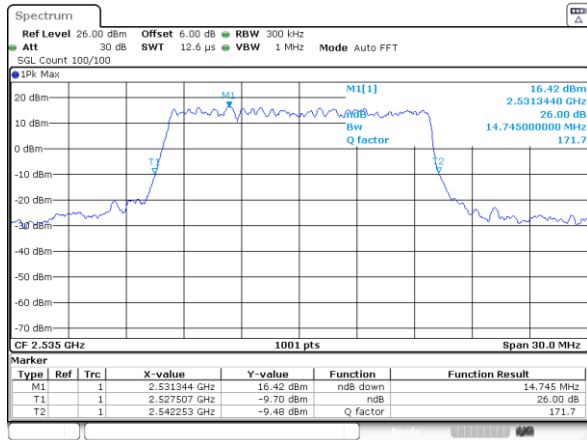
Middle Channel / 10MHz / 16QAM

Date: 21.NOV.2024 04:28:30

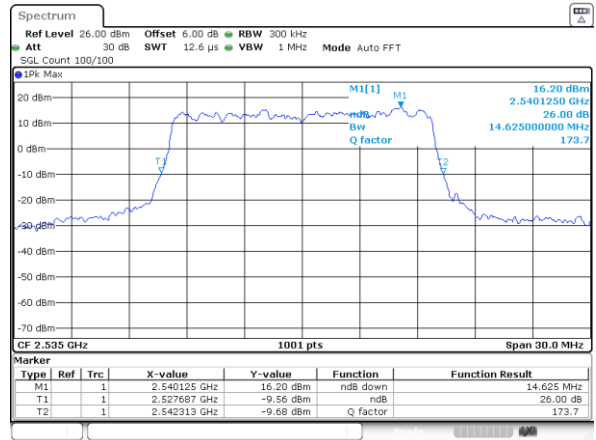


LTE Band 7

Middle Channel / 15MHz / QPSK

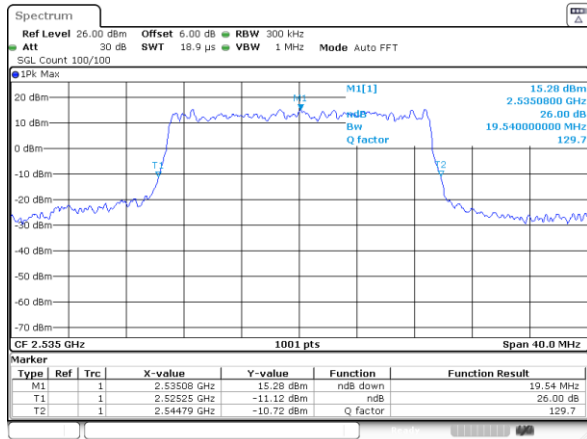


Middle Channel / 15MHz / 16QAM

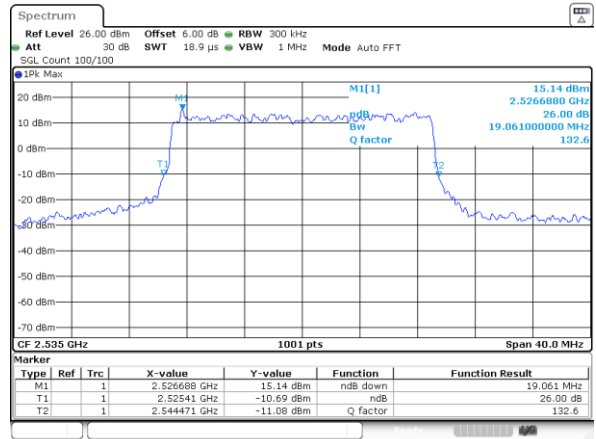


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



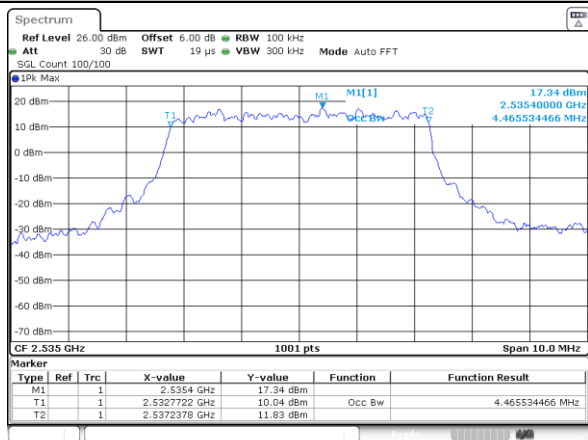


Occupied Bandwidth

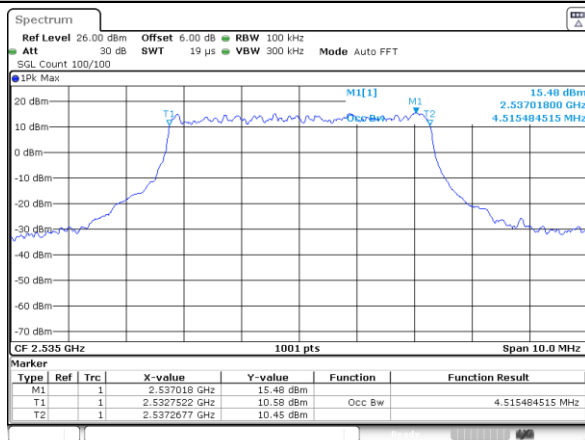
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.47	4.52	9.01	9.01	13.46	13.43	17.94	17.94

LTE Band 7

Middle Channel / 5MHz / QPSK

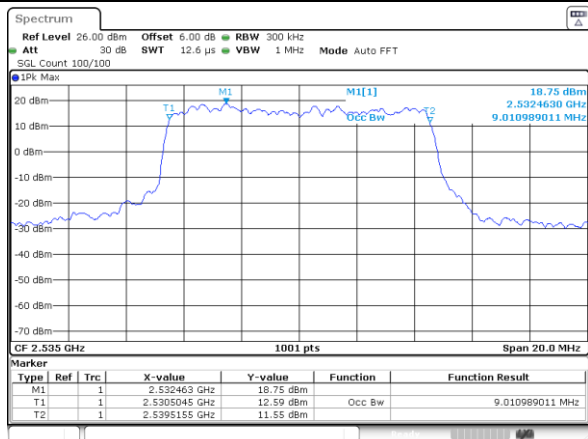


Middle Channel / 5MHz / 16QAM

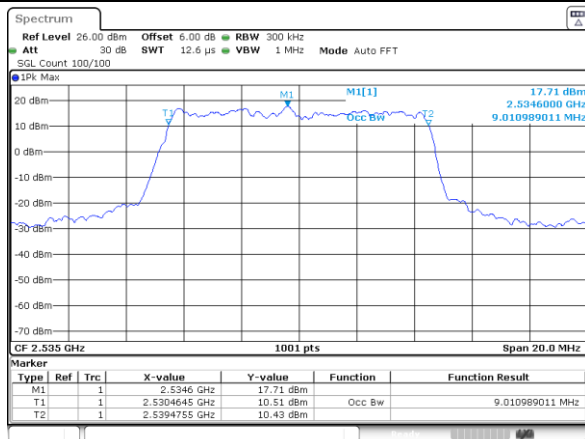


LTE Band 7

Middle Channel / 10MHz / QPSK



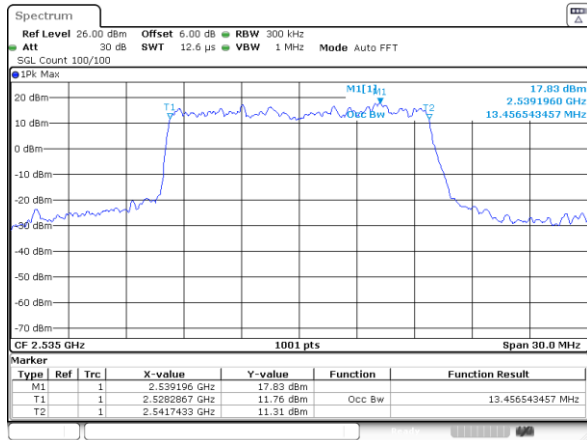
Middle Channel / 10MHz / 16QAM



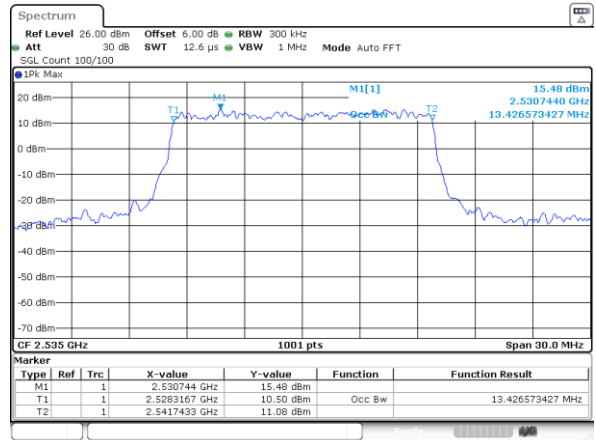


LTE Band 7

Middle Channel / 15MHz / QPSK

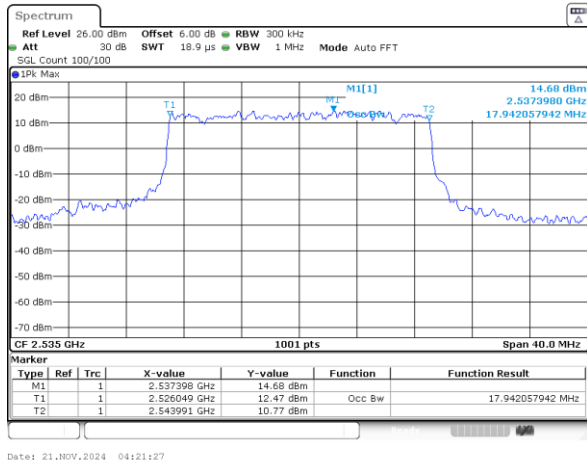


Middle Channel / 15MHz / 16QAM

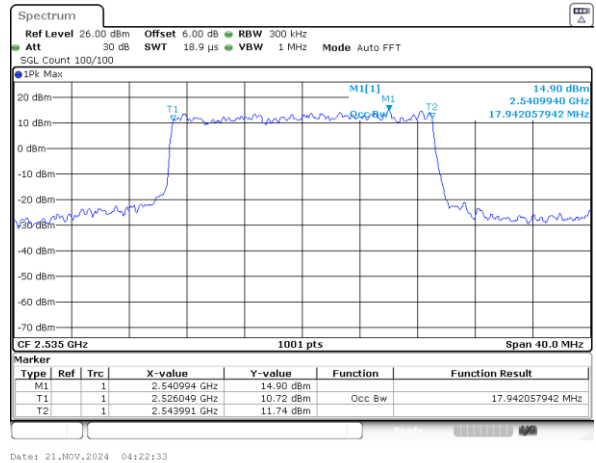


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

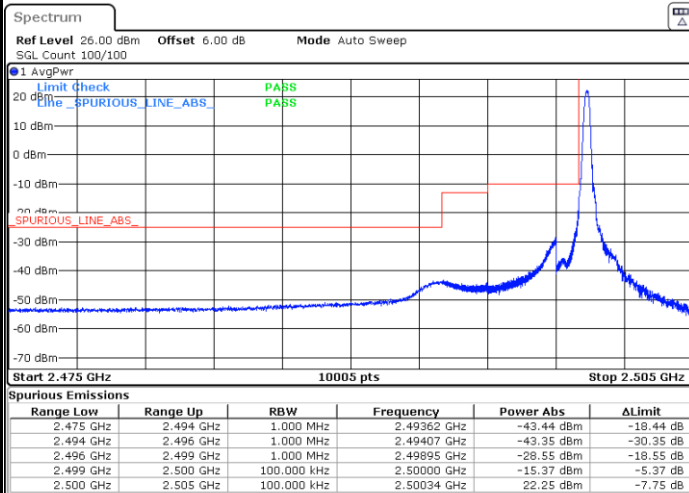




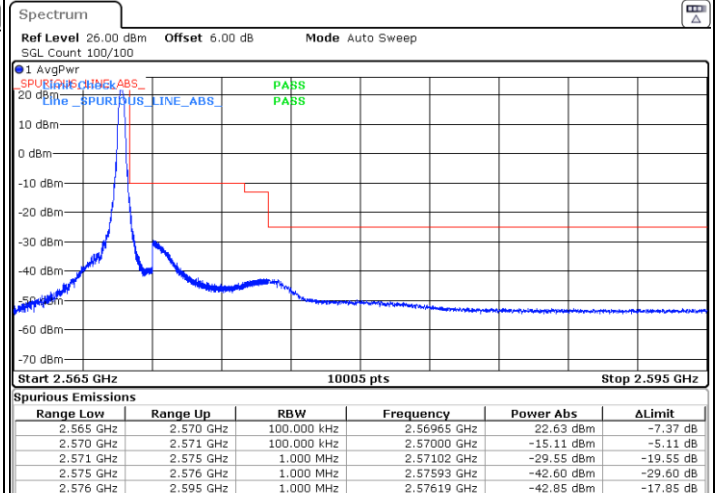
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

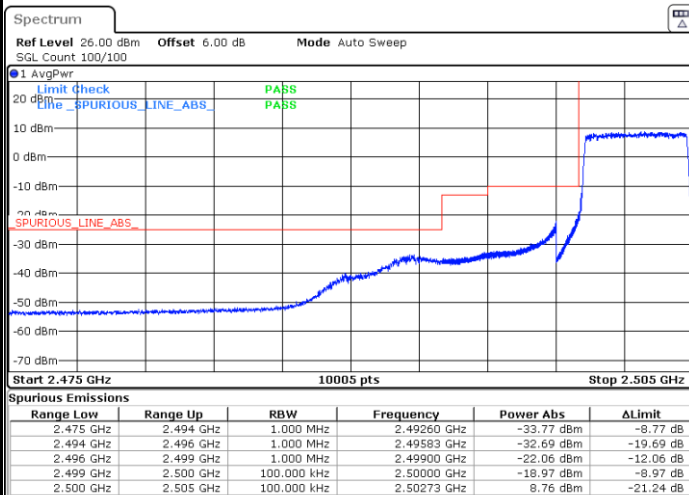
Lowest Band Edge / 1 RB



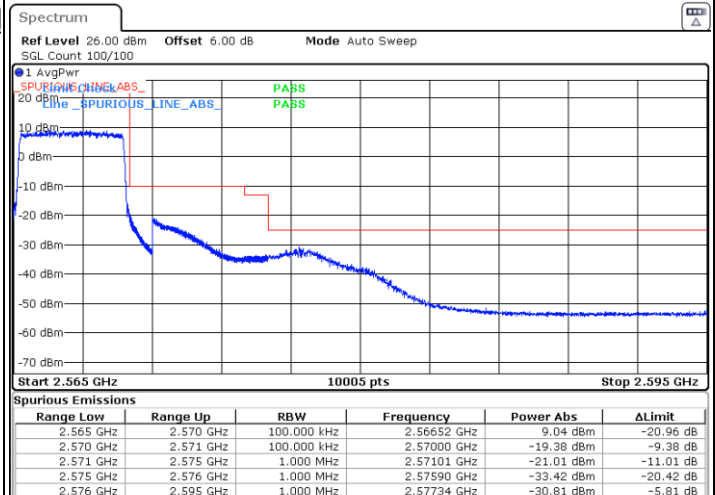
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



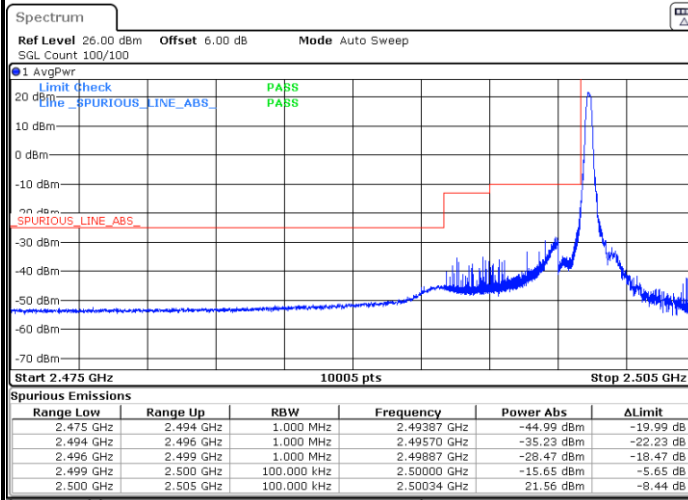
Highest Band Edge / Full RB





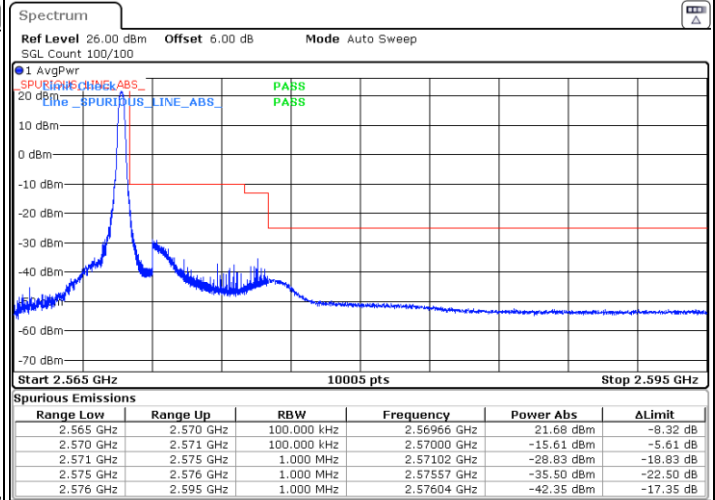
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



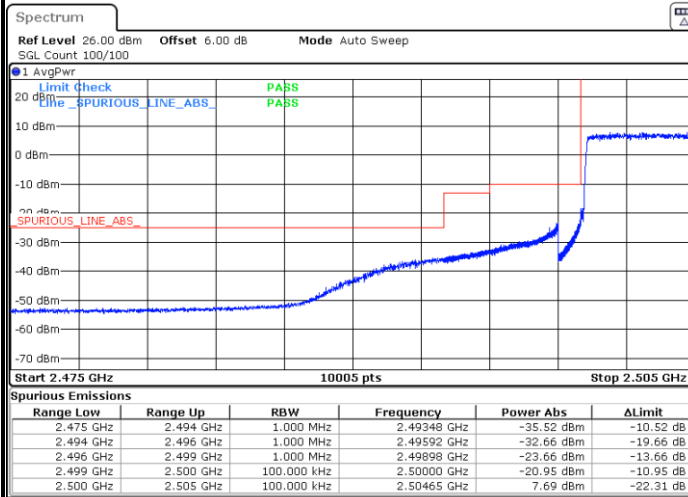
Date: 21.NOV.2024 03:26:09

Highest Band Edge / 1 RB



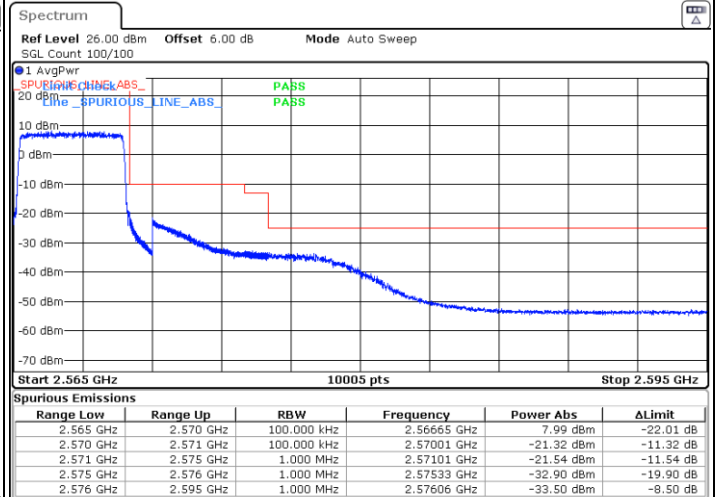
Date: 21.NOV.2024 03:32:51

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:23:28

Highest Band Edge / Full RB

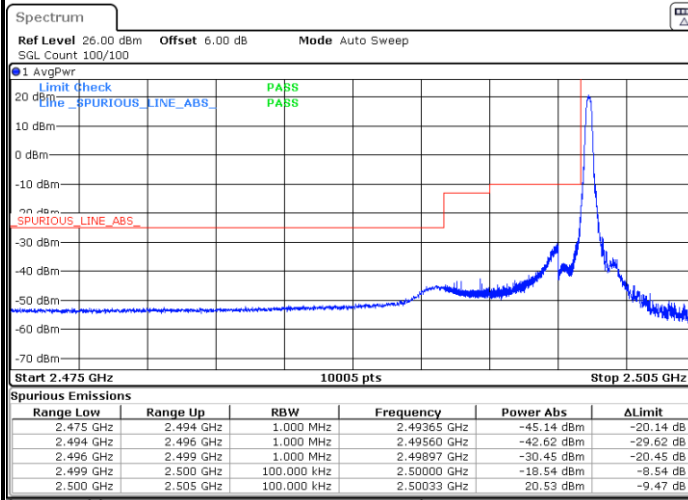


Date: 21.NOV.2024 03:35:31



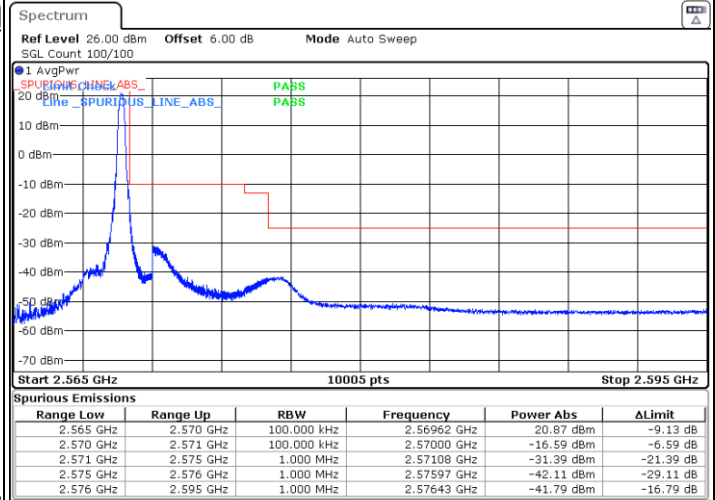
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



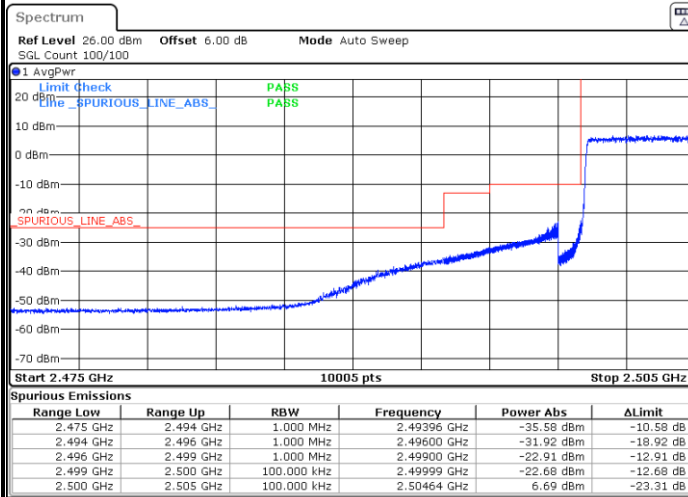
Date: 21.NOV.2024 03:26:50

Highest Band Edge / 1 RB



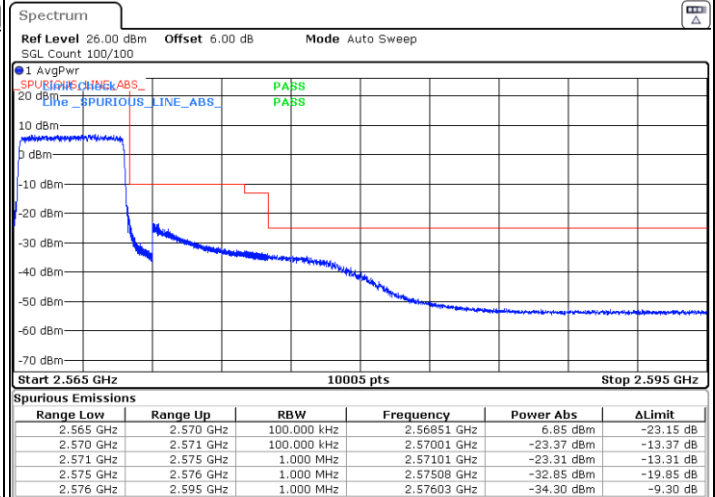
Date: 21.NOV.2024 03:33:31

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:24:08

Highest Band Edge / Full RB

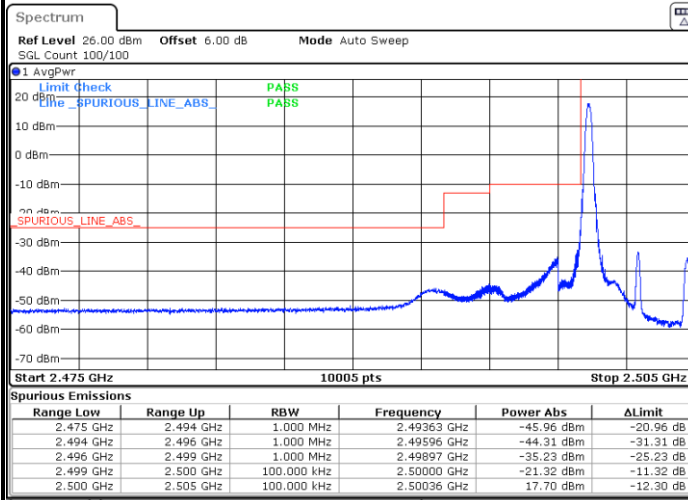


Date: 21.NOV.2024 03:36:12



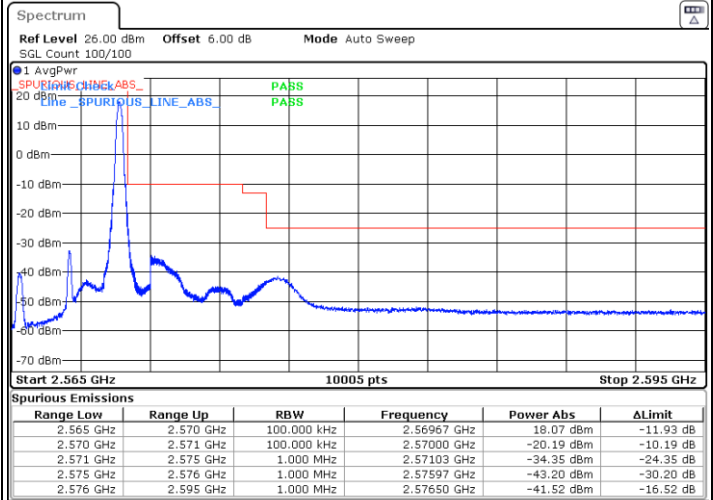
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



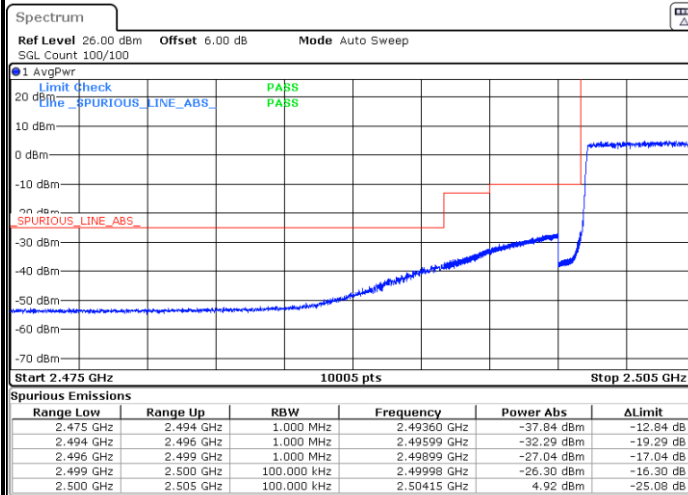
Date: 21.NOV.2024 03:27:30

Highest Band Edge / 1 RB



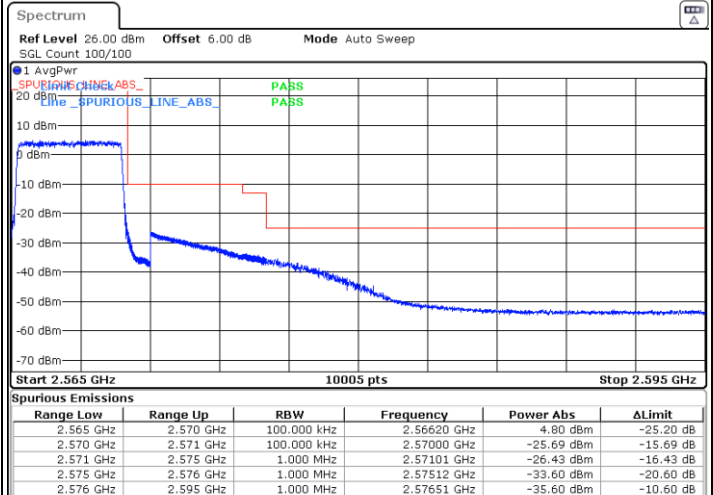
Date: 21.NOV.2024 03:34:11

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:24:49

Highest Band Edge / Full RB

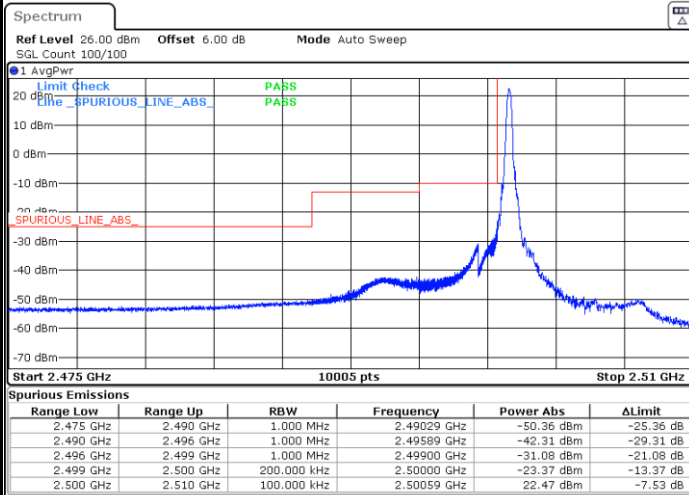


Date: 21.NOV.2024 03:36:52



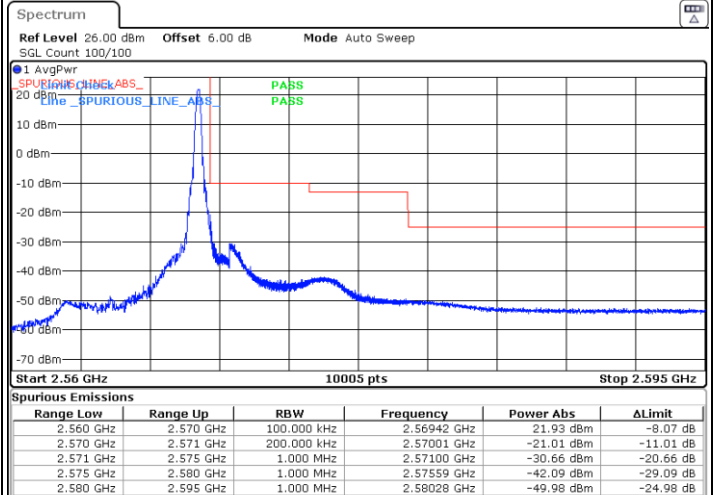
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



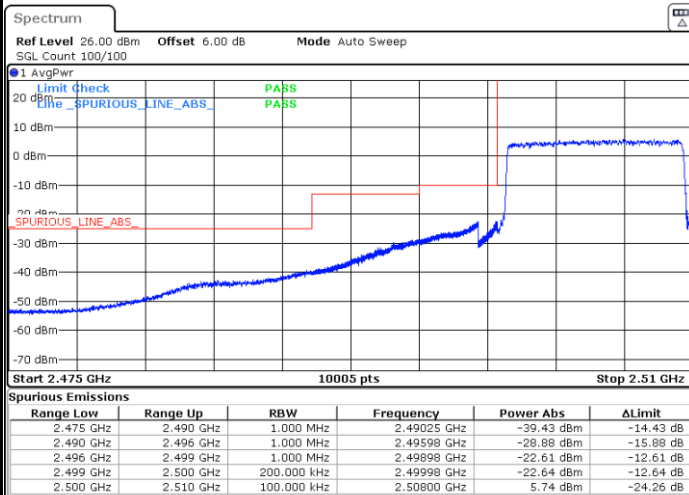
Date: 21.NOV.2024 03:40:14

Highest Band Edge / 1 RB



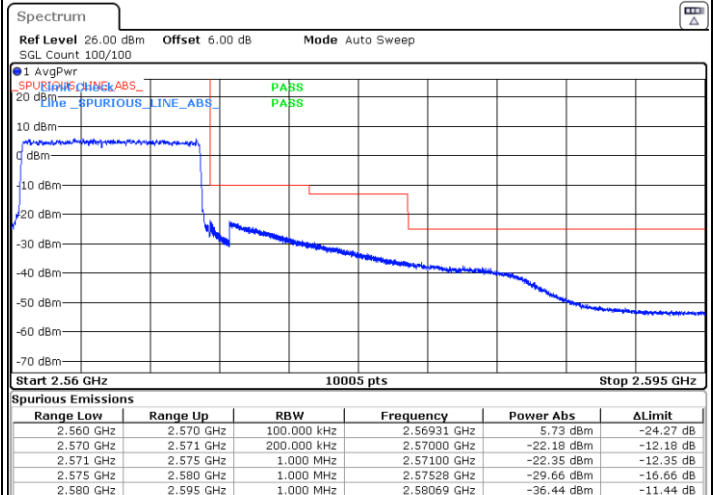
Date: 21.NOV.2024 03:46:54

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:37:32

Highest Band Edge / Full RB

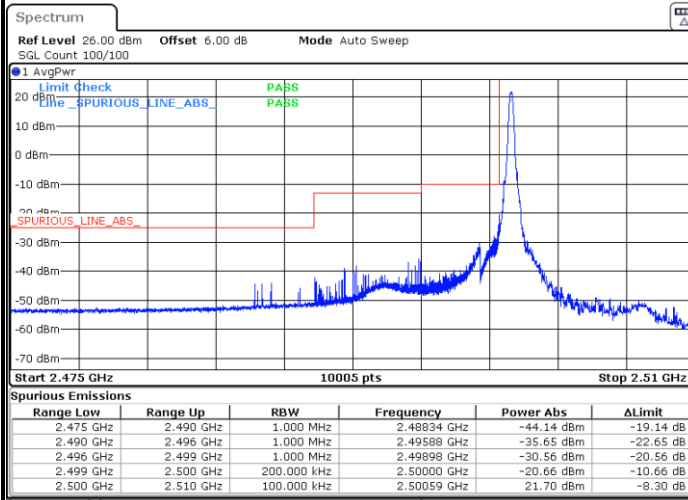


Date: 21.NOV.2024 03:49:35

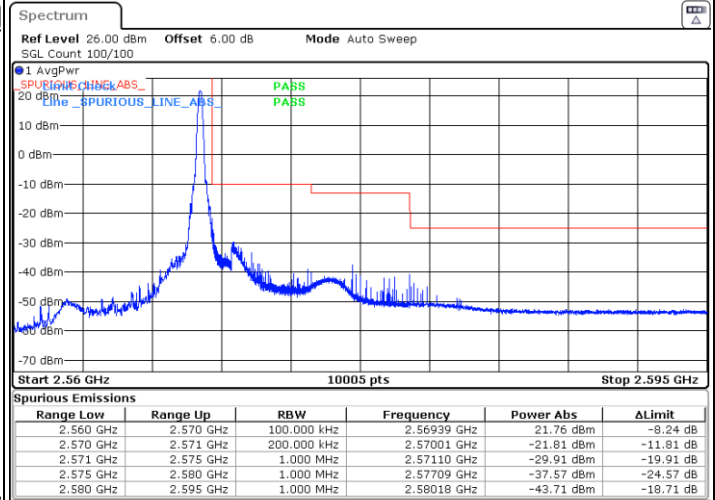


LTE Band 7 / 10MHz / 16QAM

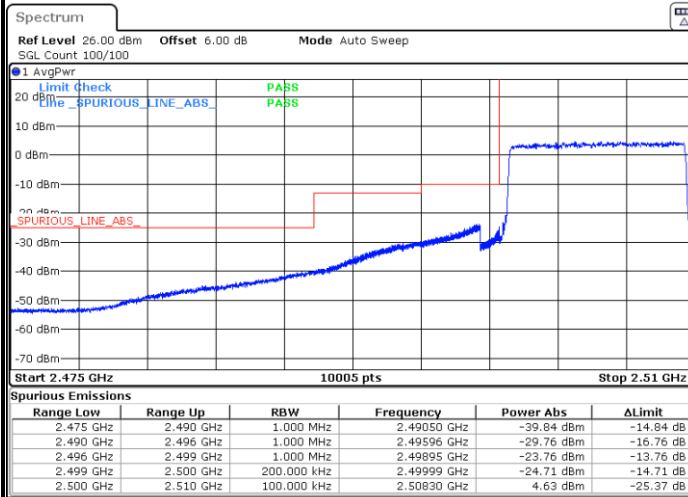
Lowest Band Edge / 1 RB



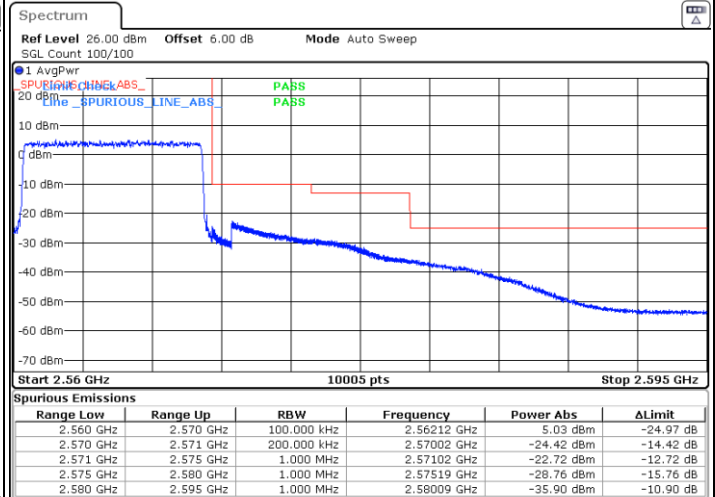
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



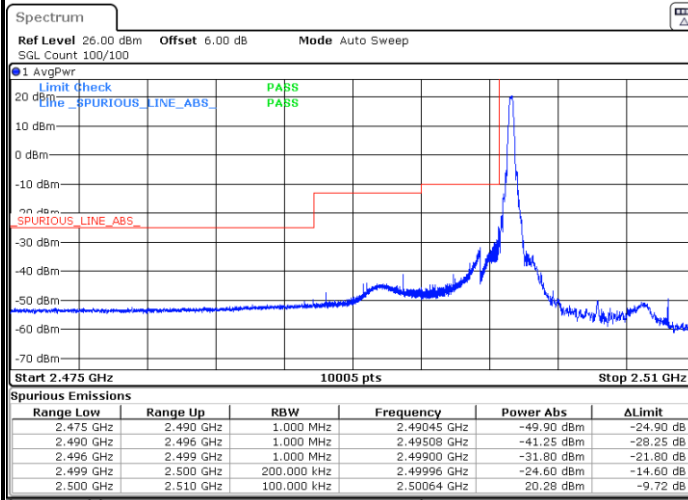
Highest Band Edge / Full RB



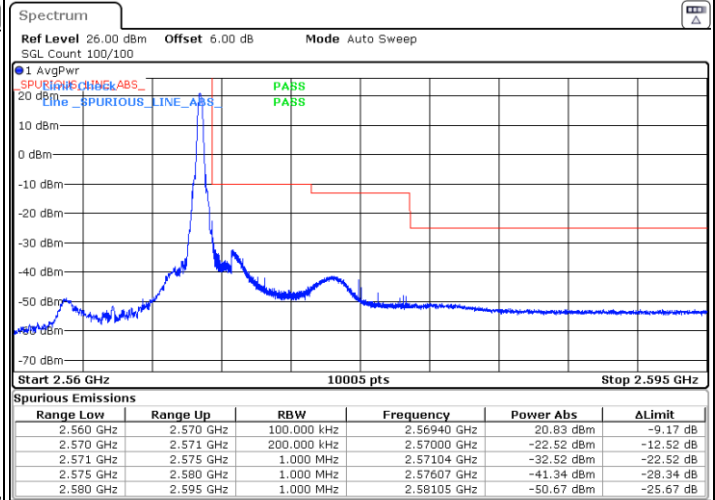


LTE Band 7 / 10MHz / 64QAM

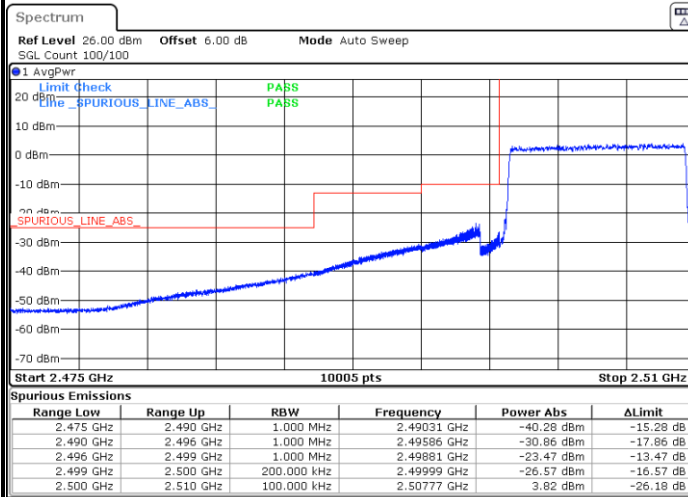
Lowest Band Edge / 1 RB



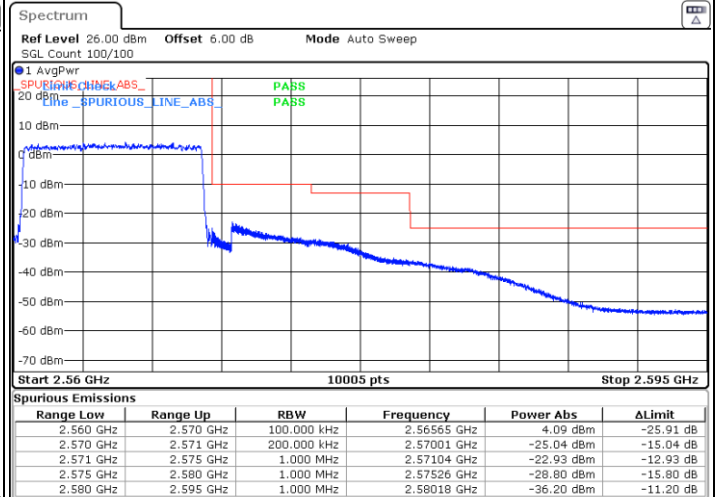
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



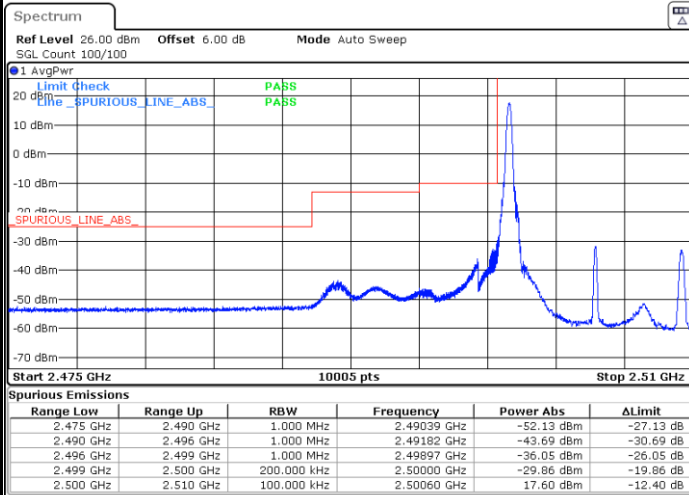
Highest Band Edge / Full RB





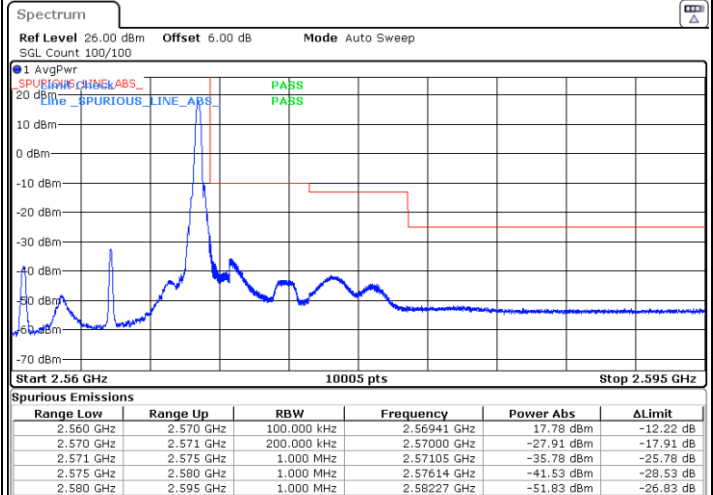
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



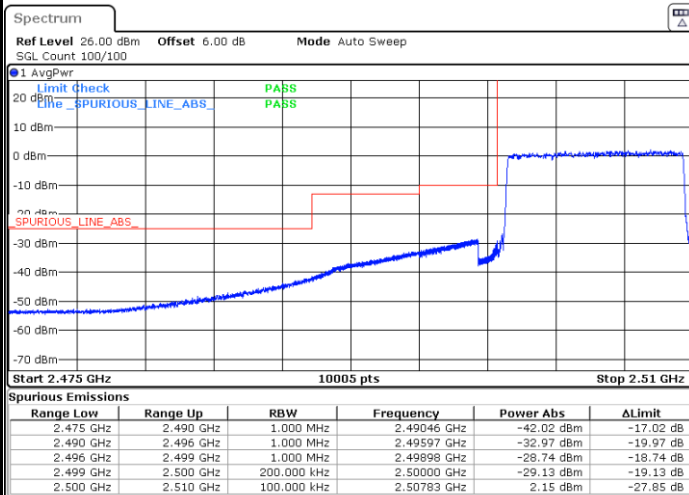
Date: 21.NOV.2024 03:42:14

Highest Band Edge / 1 RB



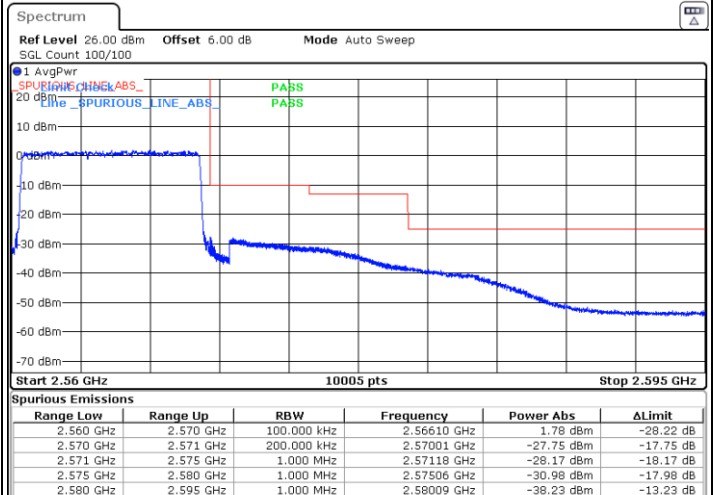
Date: 21.NOV.2024 03:48:54

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:39:33

Highest Band Edge / Full RB

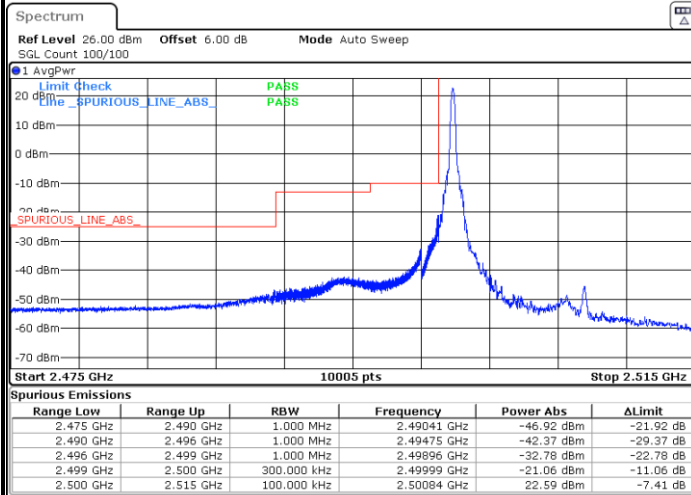


Date: 21.NOV.2024 03:51:36

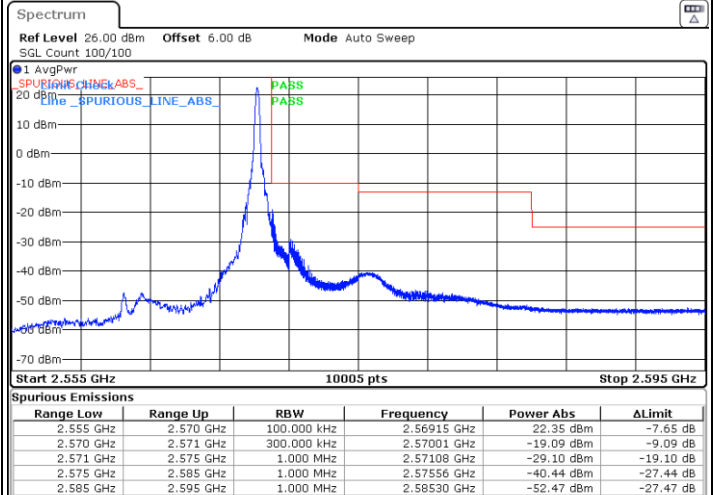


LTE Band 7 / 15MHz / QPSK

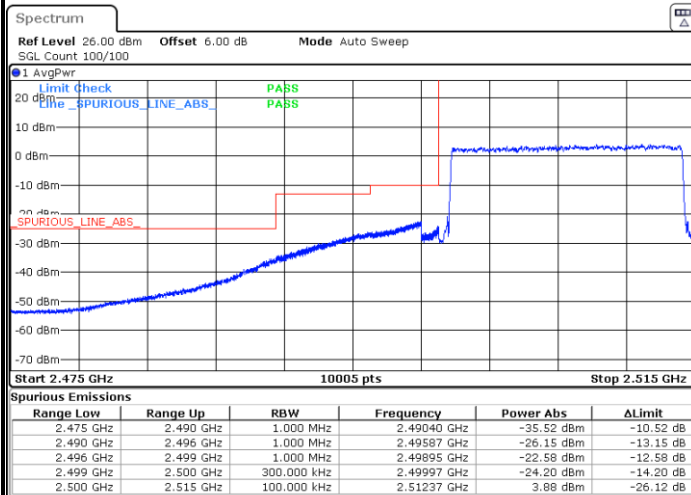
Lowest Band Edge / 1 RB



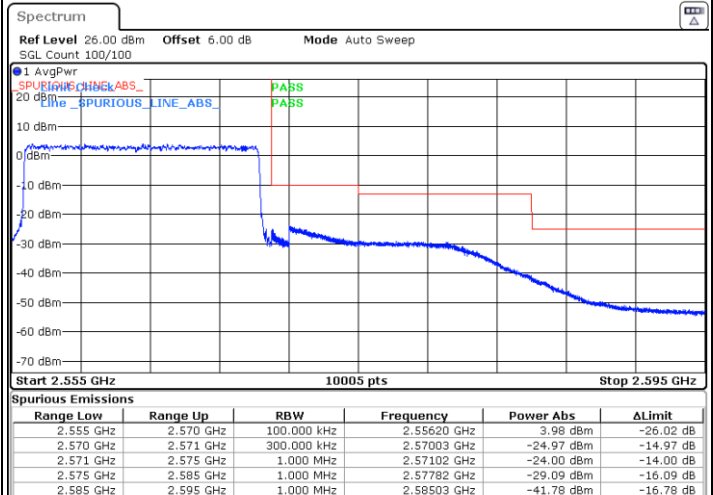
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



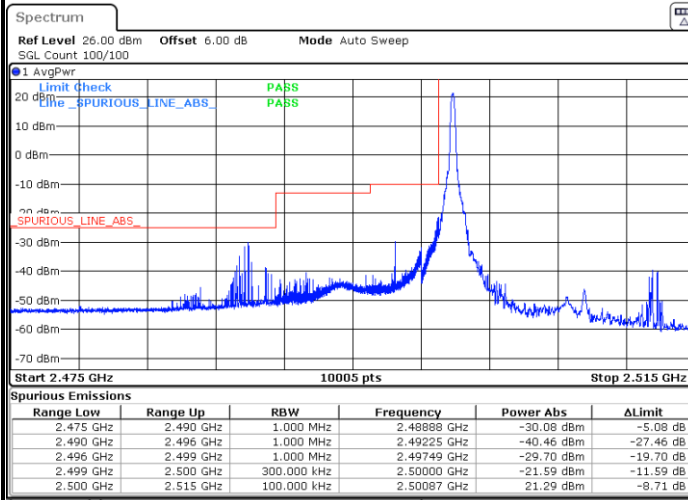
Highest Band Edge / Full RB





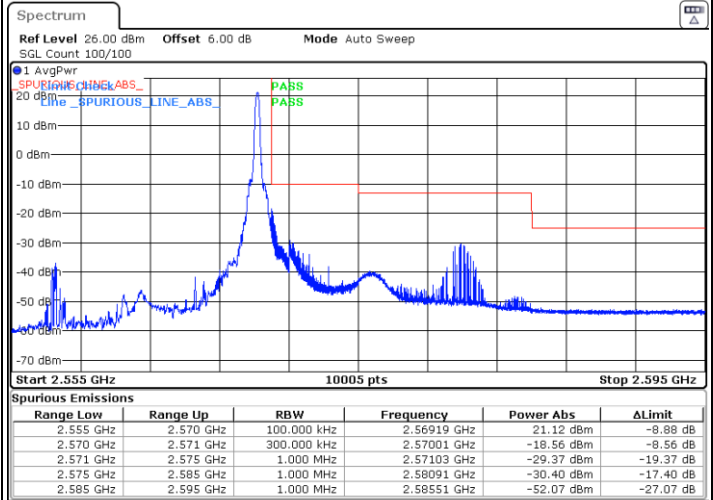
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



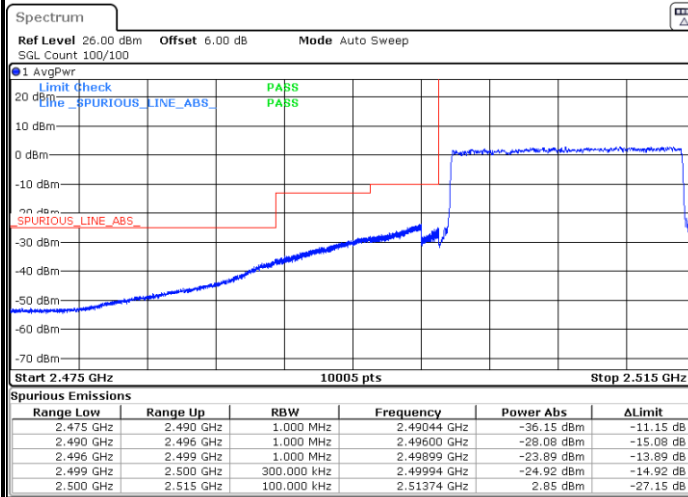
Date: 21.NOV.2024 03:55:38

Highest Band Edge / 1 RB



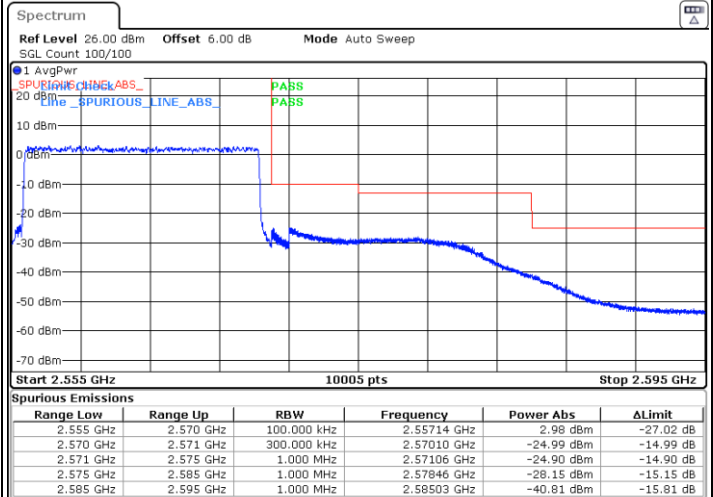
Date: 21.NOV.2024 04:02:19

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:52:57

Highest Band Edge / Full RB

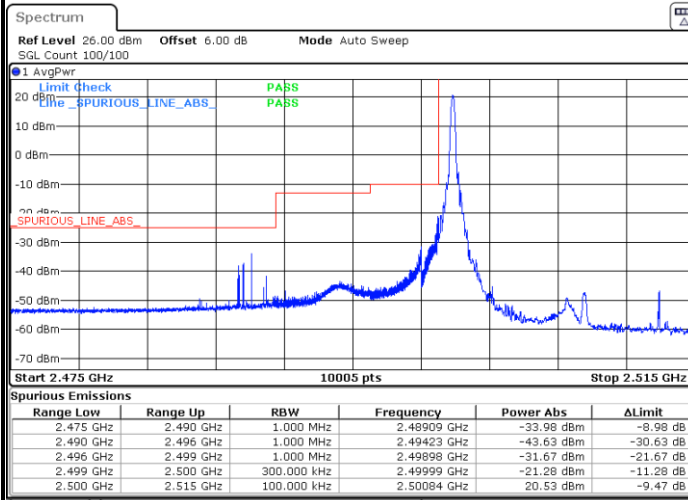


Date: 21.NOV.2024 04:05:00



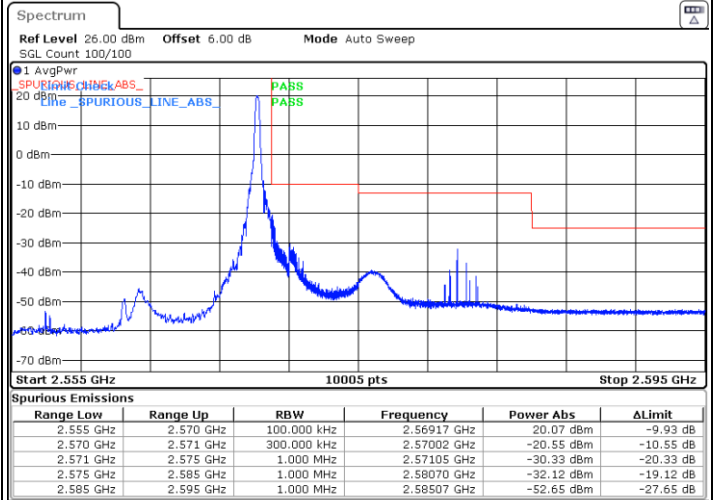
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



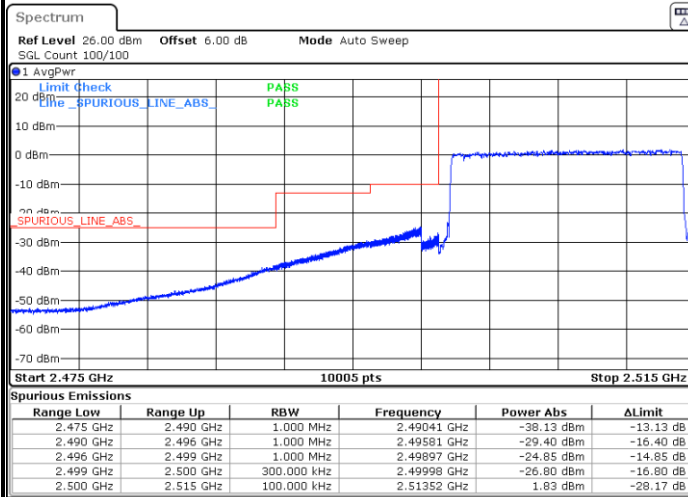
Date: 21.NOV.2024 03:56:18

Highest Band Edge / 1 RB



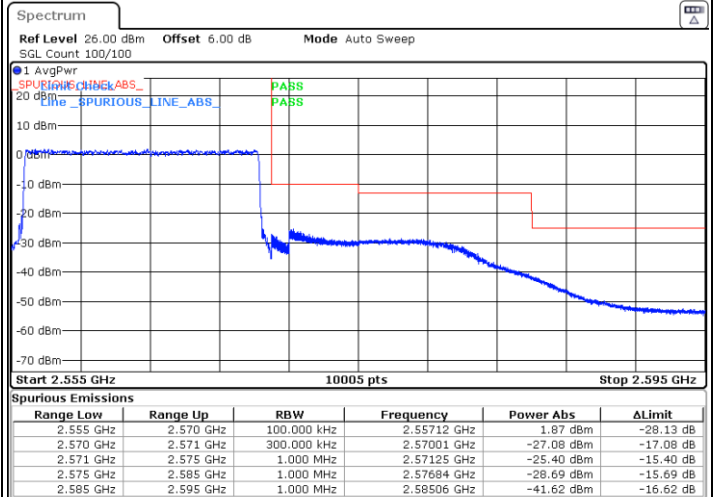
Date: 21.NOV.2024 04:02:59

Lowest Band Edge / Full RB



Date: 21.NOV.2024 03:53:37

Highest Band Edge / Full RB

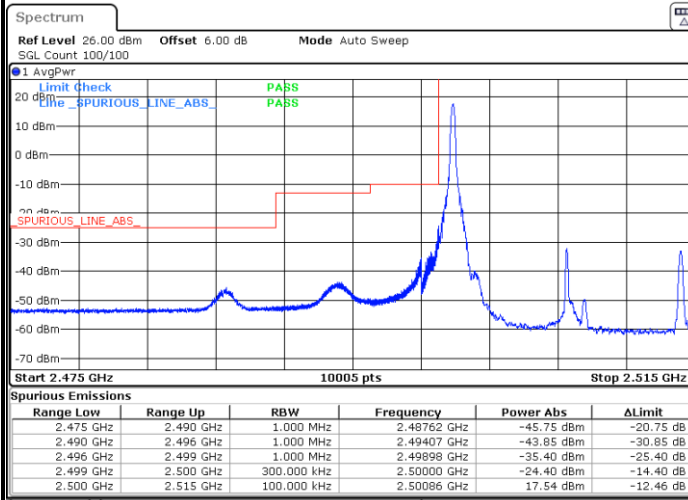


Date: 21.NOV.2024 04:05:40

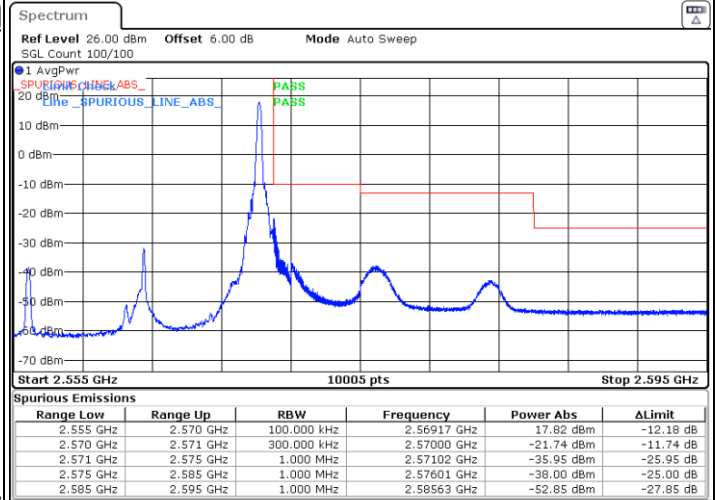


LTE Band 7 / 15MHz / 256QAM

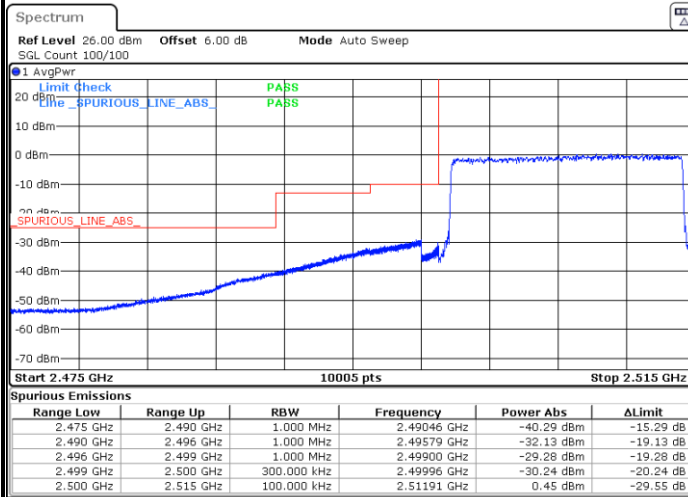
Lowest Band Edge / 1 RB



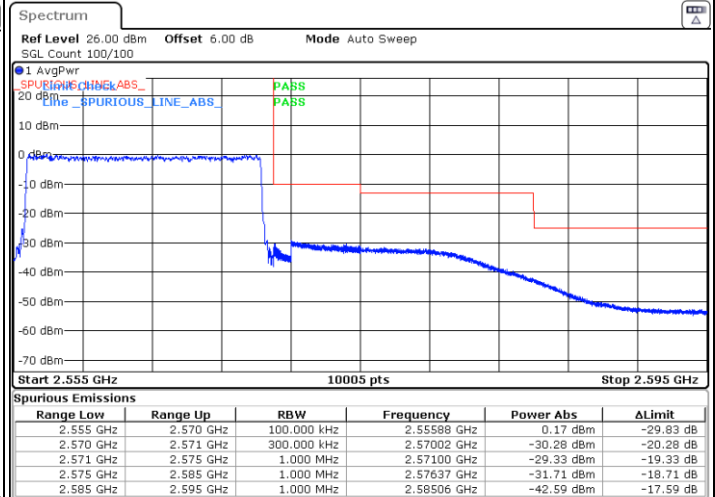
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



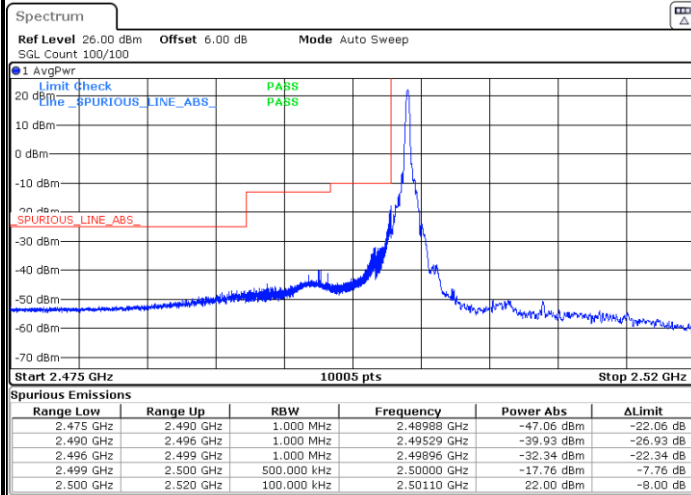
Highest Band Edge / Full RB



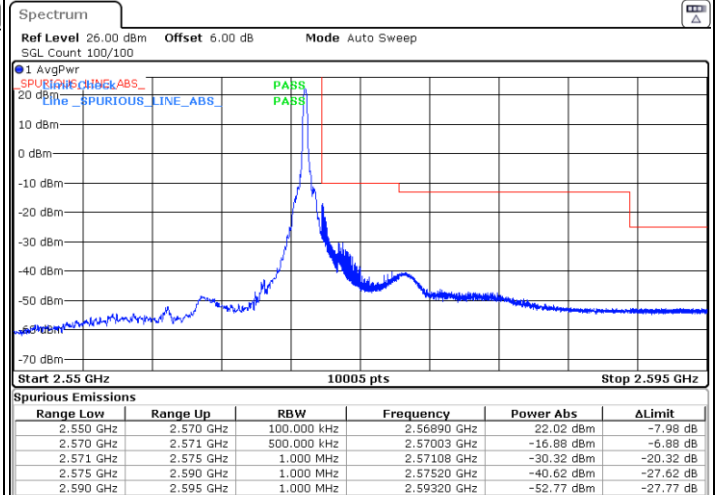


LTE Band 7 / 20MHz / QPSK

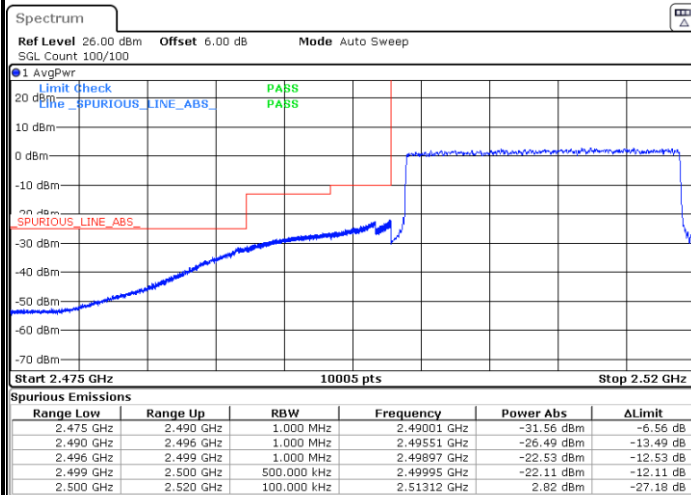
Lowest Band Edge / 1 RB



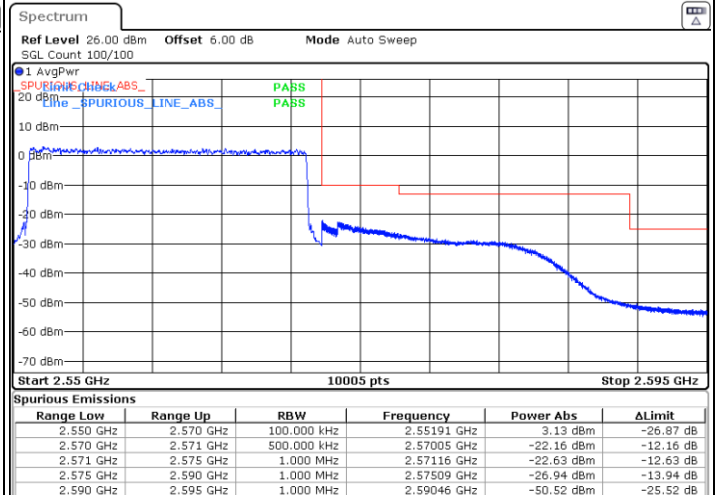
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



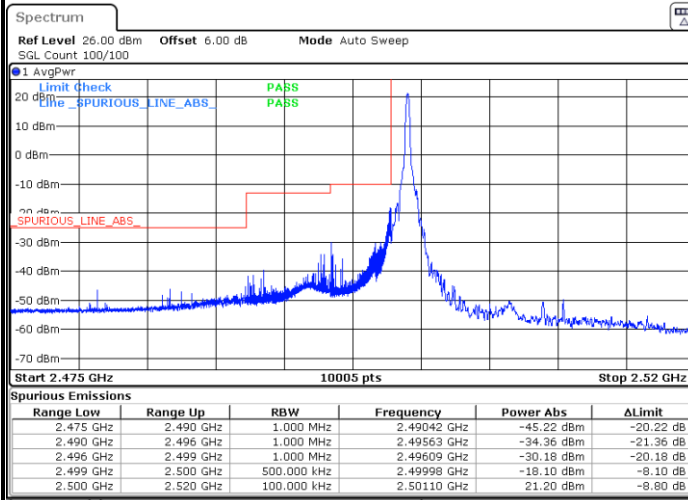
Highest Band Edge / Full RB



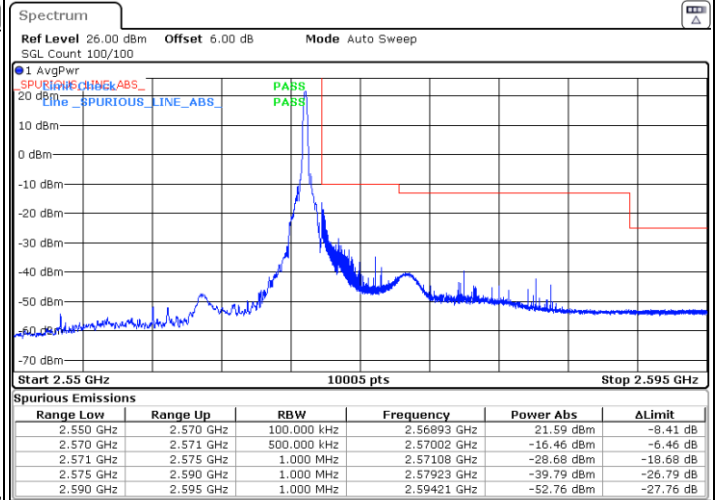


LTE Band 7 / 20MHz / 16QAM

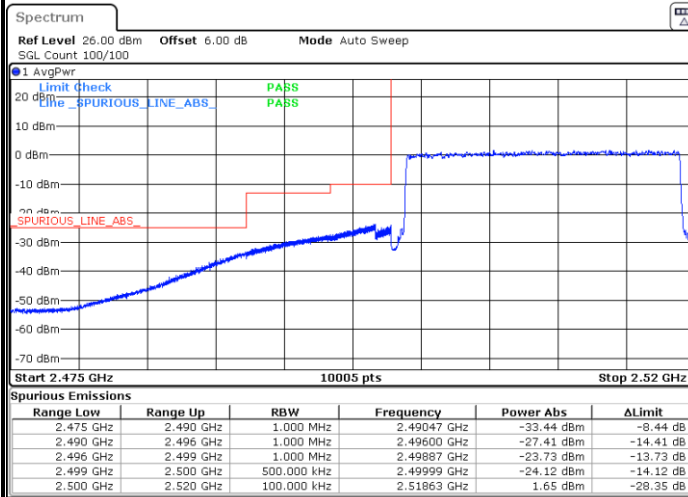
Lowest Band Edge / 1 RB



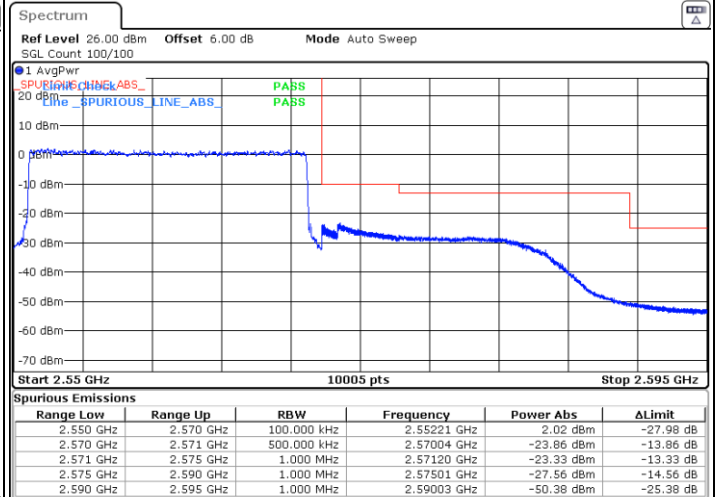
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



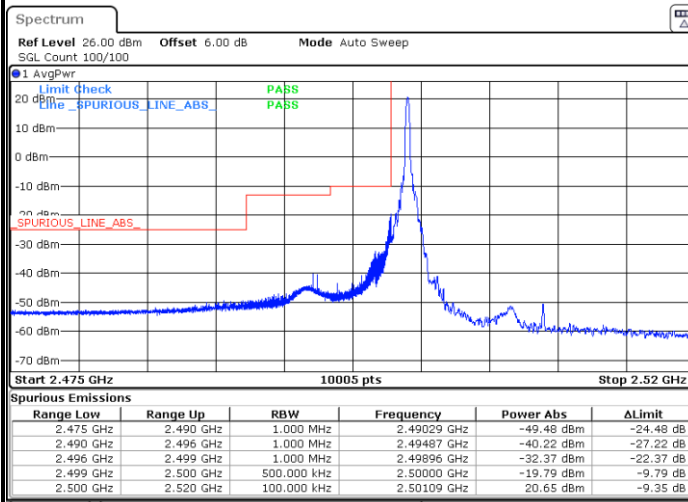
Highest Band Edge / Full RB



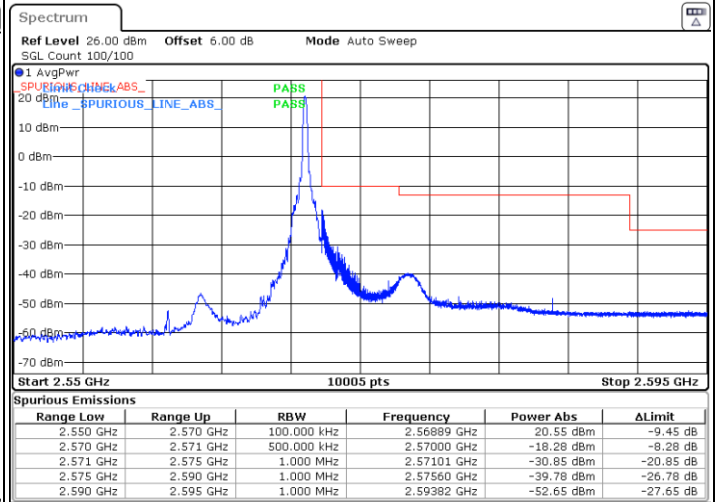


LTE Band 7 / 20MHz / 64QAM

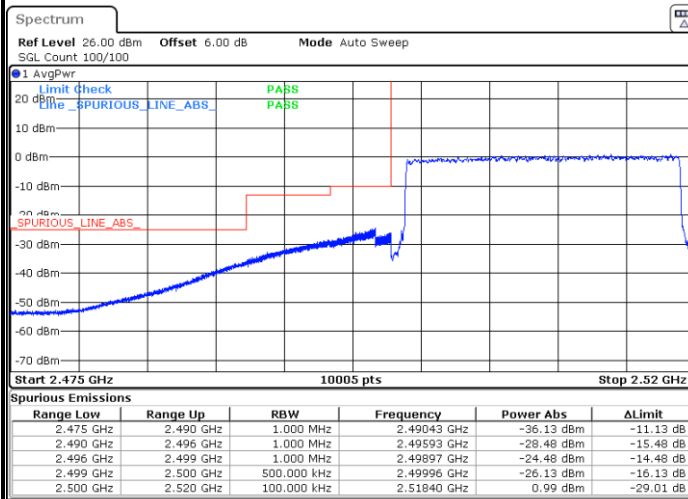
Lowest Band Edge / 1 RB



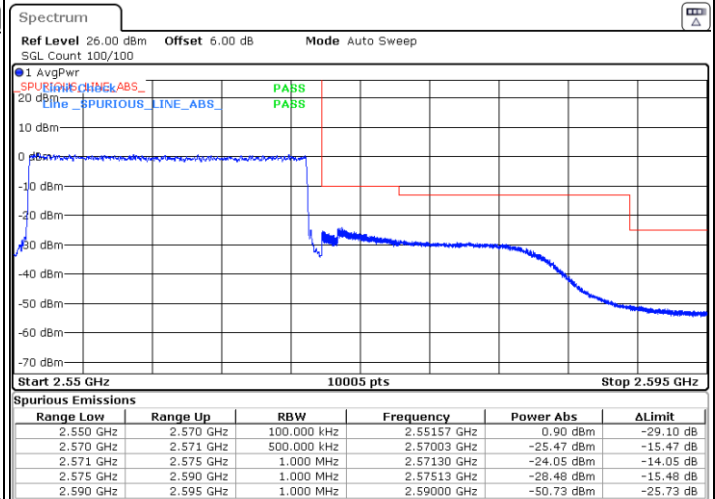
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



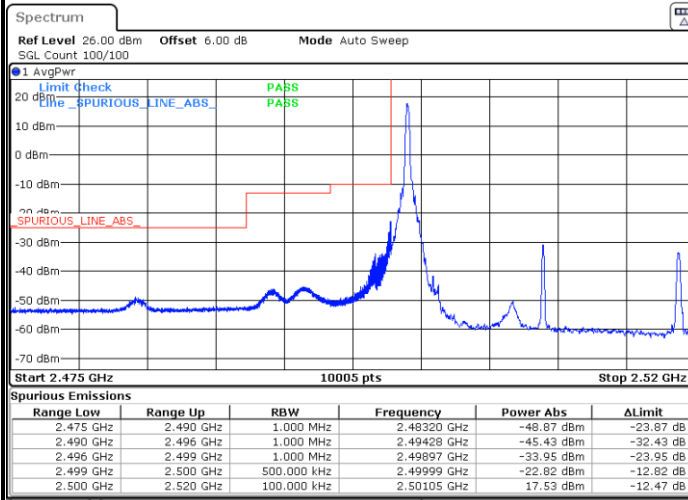
Highest Band Edge / Full RB





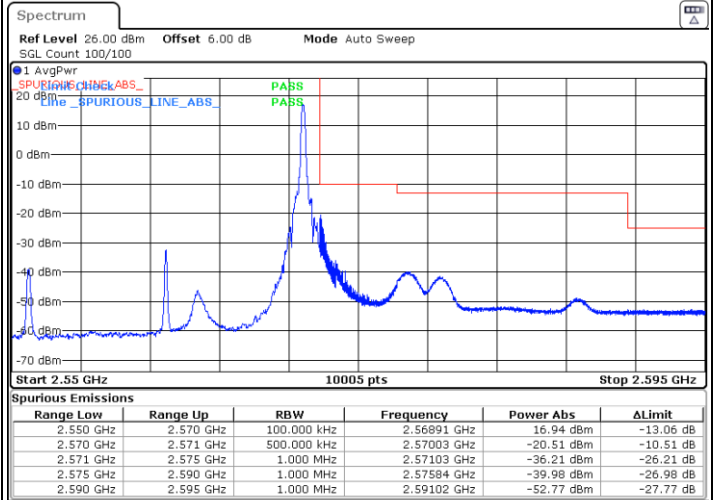
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



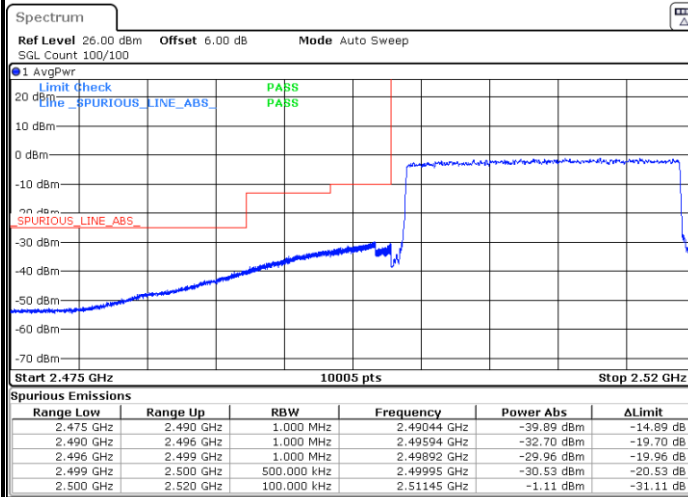
Date: 21.NOV.2024 04:11:44

Highest Band Edge / 1 RB



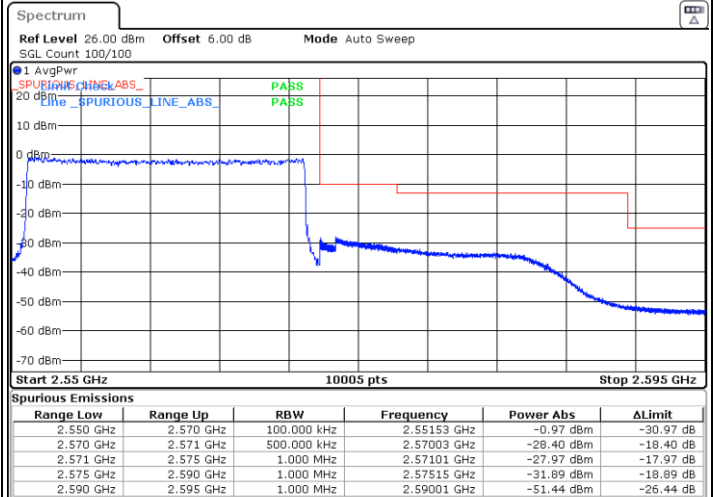
Date: 21.NOV.2024 04:18:25

Lowest Band Edge / Full RB



Date: 21.NOV.2024 04:09:02

Highest Band Edge / Full RB



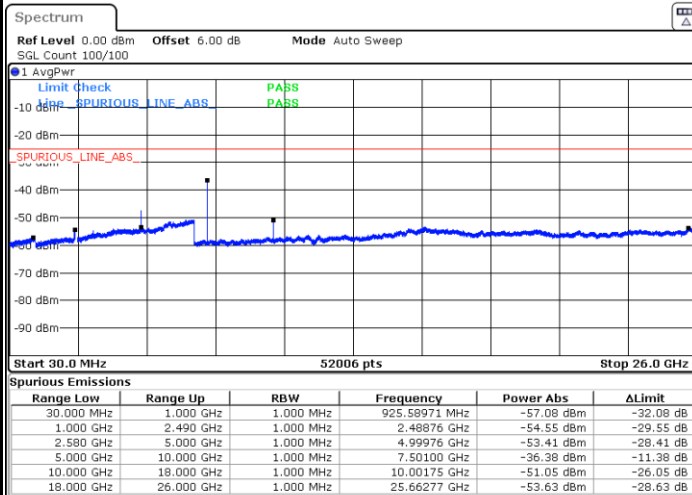
Date: 21.NOV.2024 04:21:05



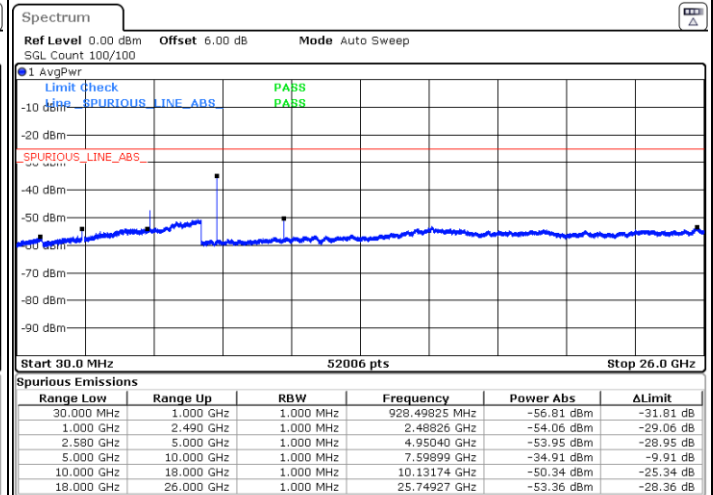
Conducted Spurious Emission

LTE Band 7 / 5MHz

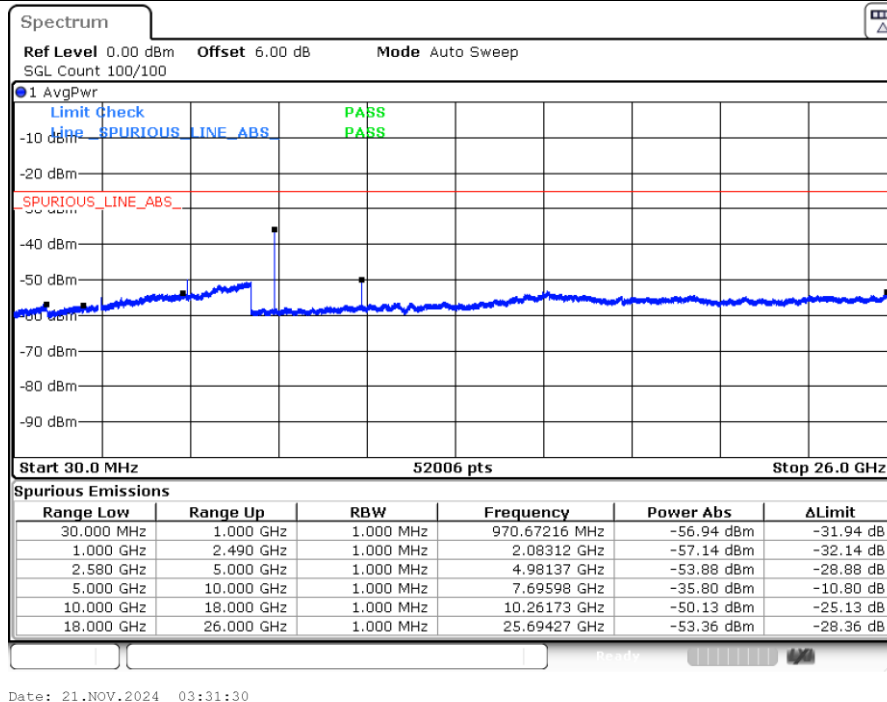
Lowest Channel / QPSK



Middle Channel / QPSK



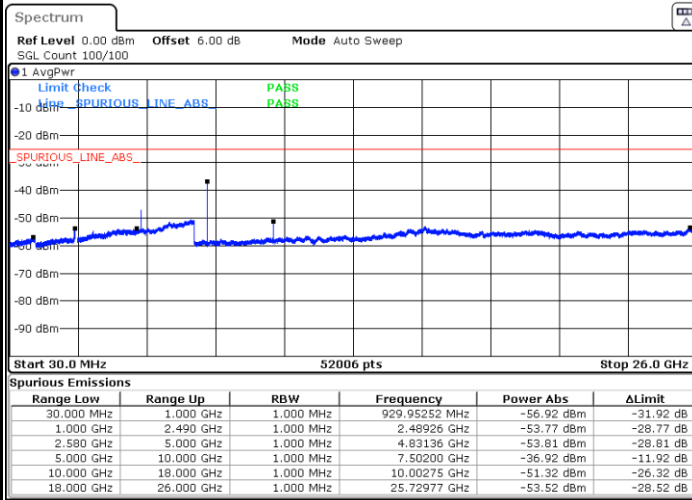
Highest Channel / QPSK





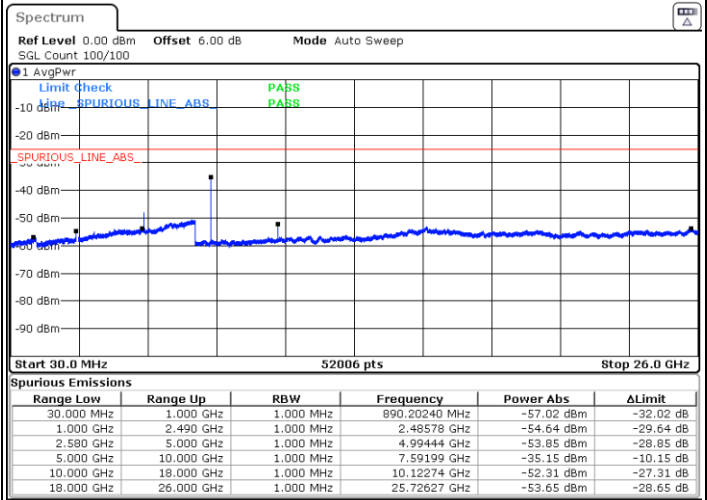
LTE Band 7 / 10MHz

Lowest Channel / QPSK



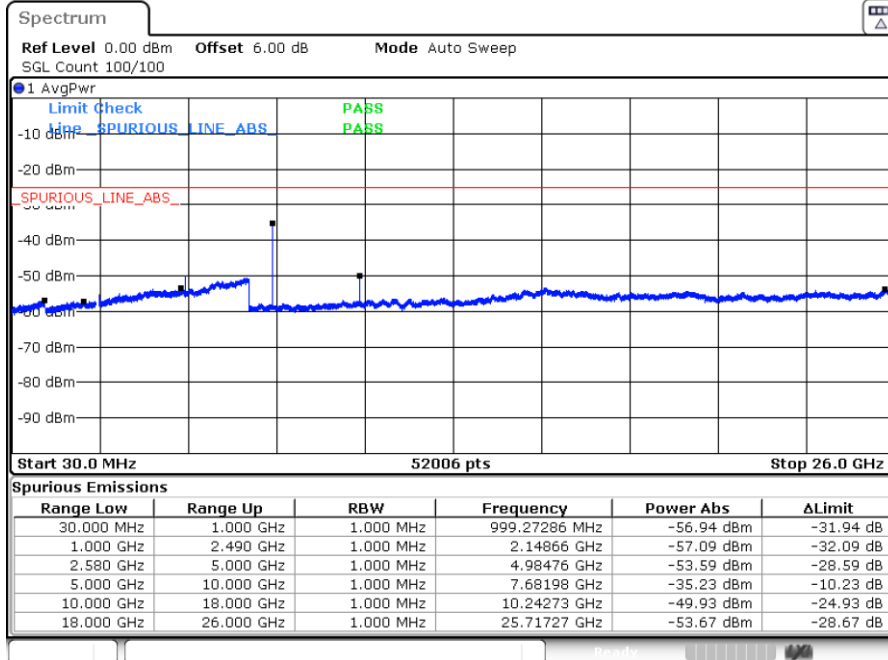
Date: 21.NOV.2024 03:43:33

Middle Channel / QPSK



Date: 21.NOV.2024 03:44:53

Highest Channel / QPSK



Date: 21.NOV.2024 03:46:13