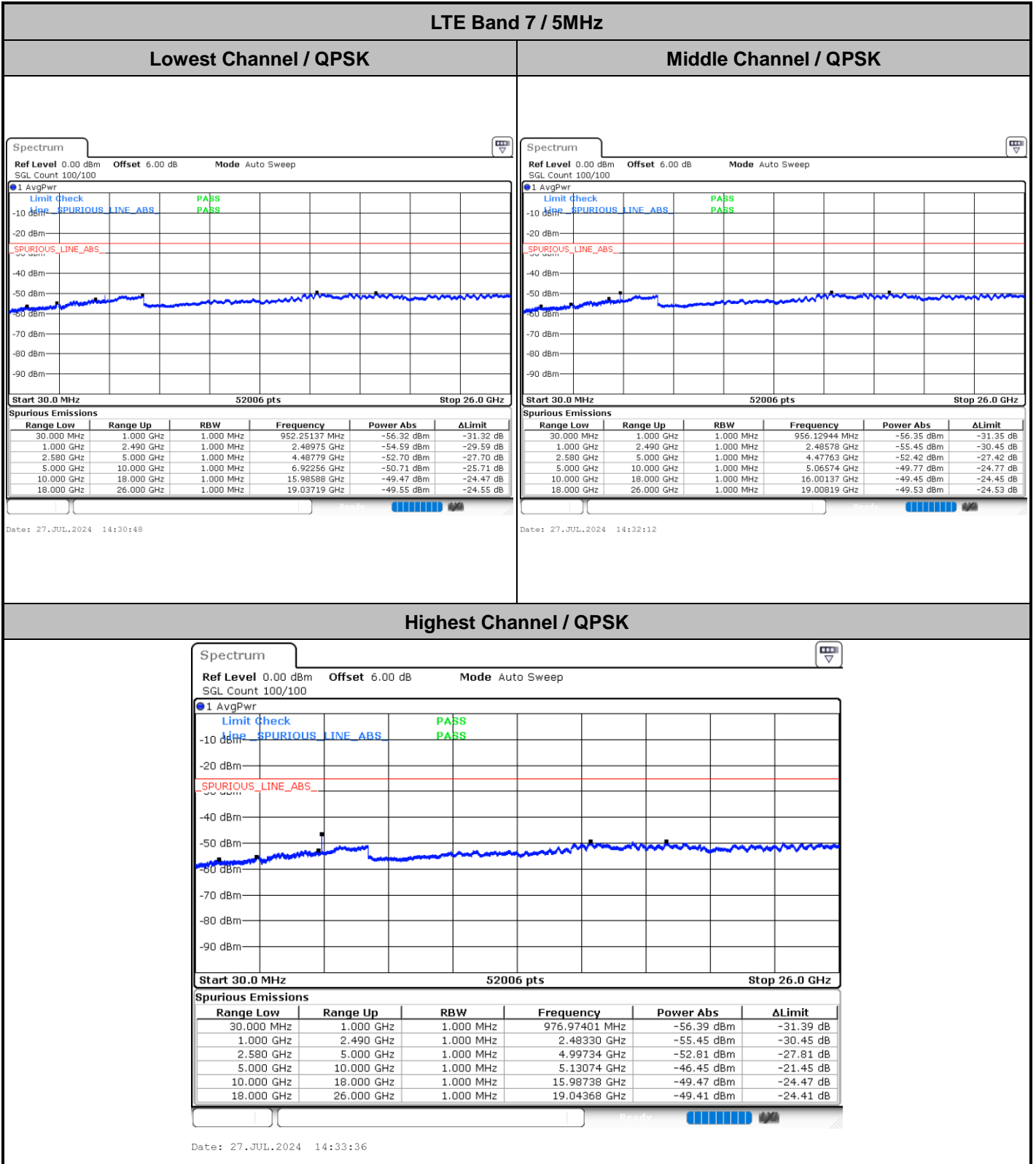




Conducted Spurious Emission

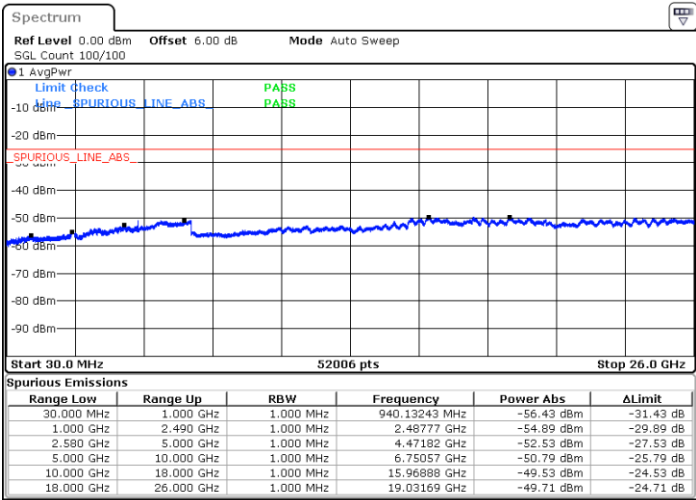




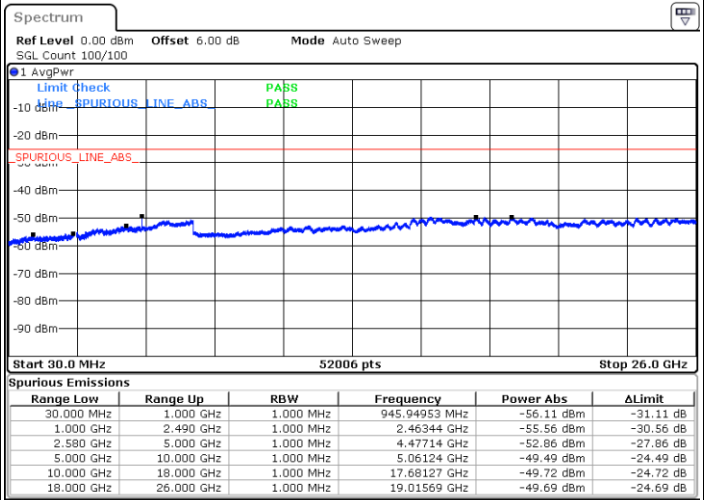
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

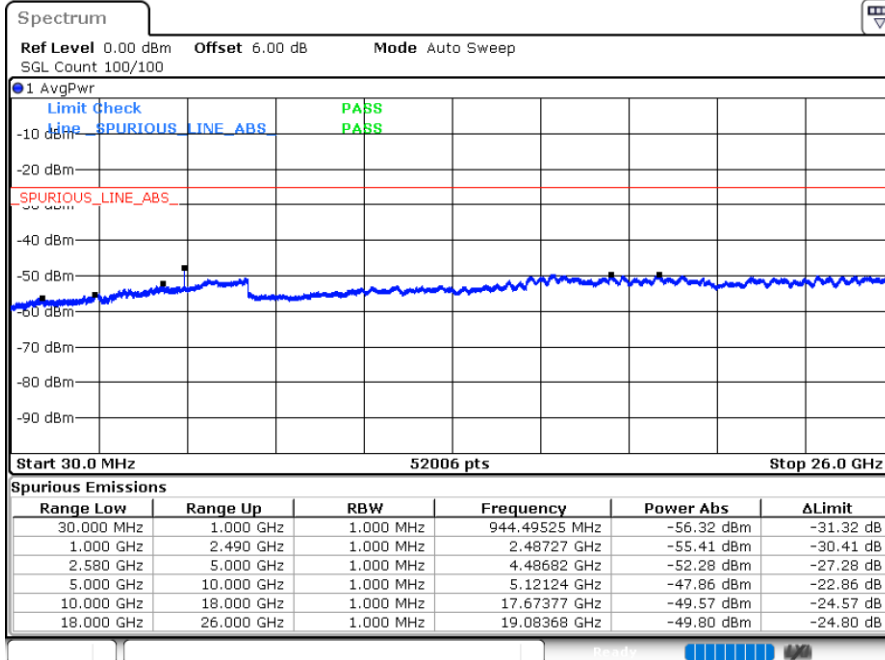


Date: 27.JUL.2024 14:47:45



Date: 27.JUL.2024 14:49:09

Highest Channel / QPSK



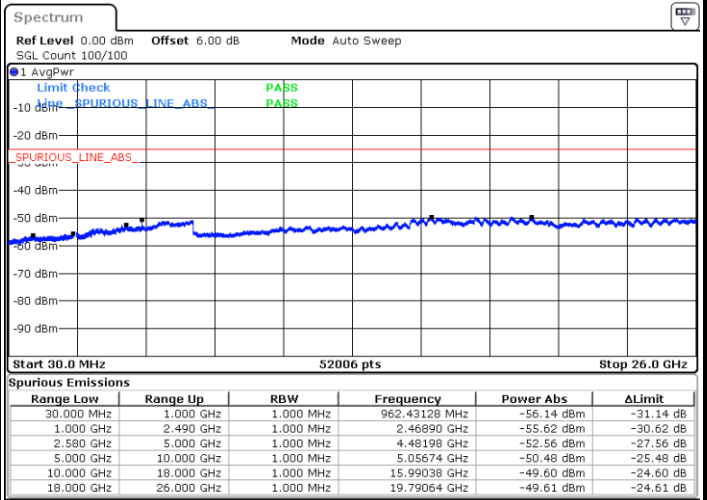
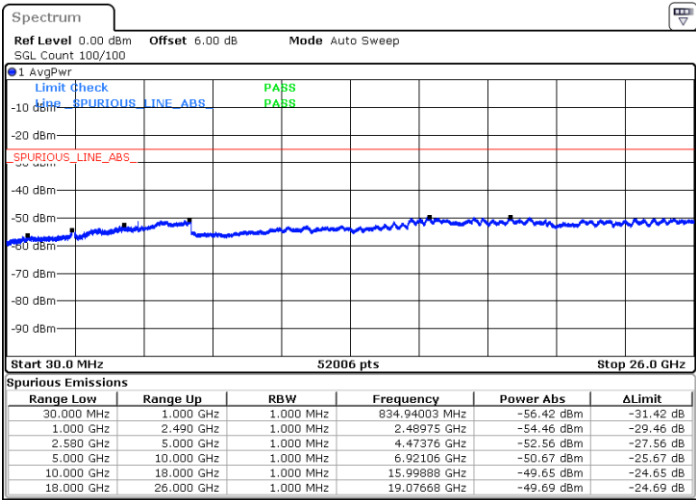
Date: 27.JUL.2024 14:50:33



LTE Band 7 / 15MHz

Lowest Channel / QPSK

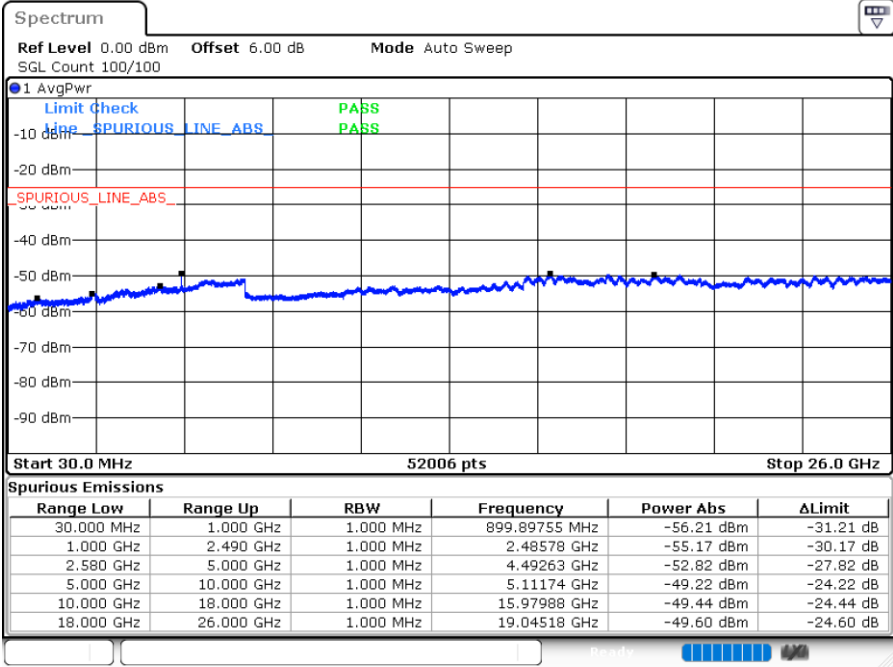
Middle Channel / QPSK



Date: 27.JUL.2024 15:06:05

Date: 27.JUL.2024 15:07:29

Highest Channel / QPSK



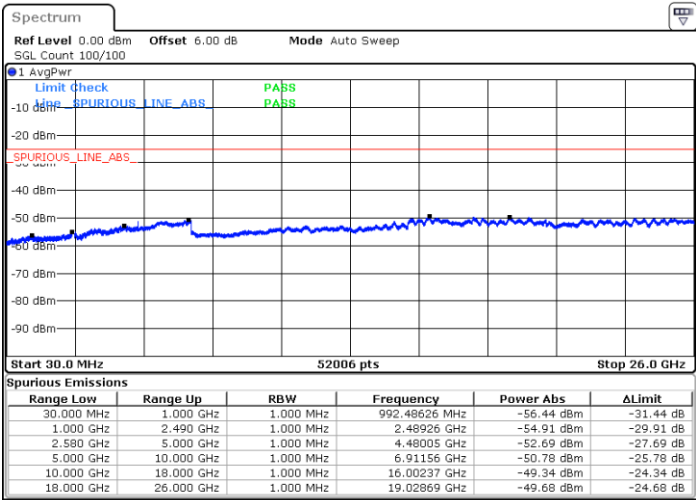
Date: 27.JUL.2024 15:08:53



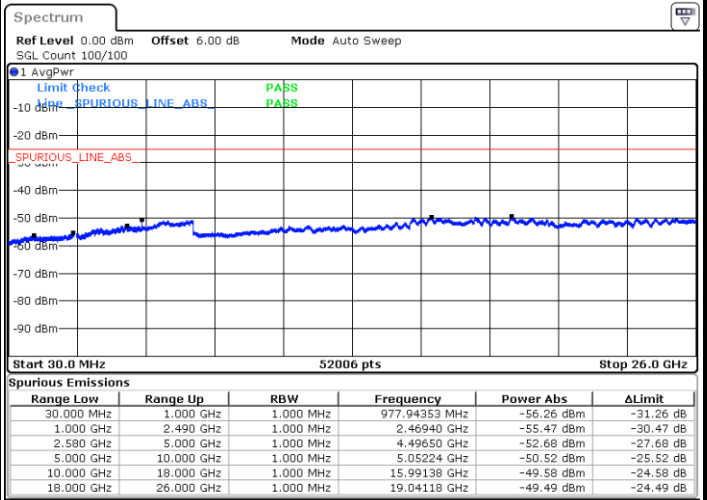
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

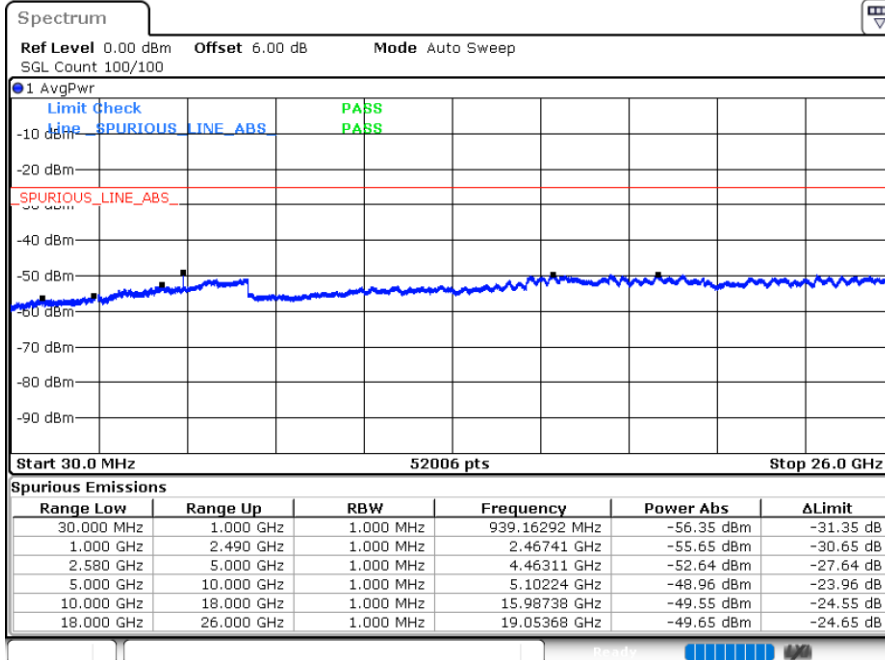


Date: 27.JUL.2024 15:24:12



Date: 27.JUL.2024 15:25:36

Highest Channel / QPSK



Date: 27.JUL.2024 15:27:00



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	0.0034	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0041	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0051	
20	Battery End Point	0.0049	

Note:

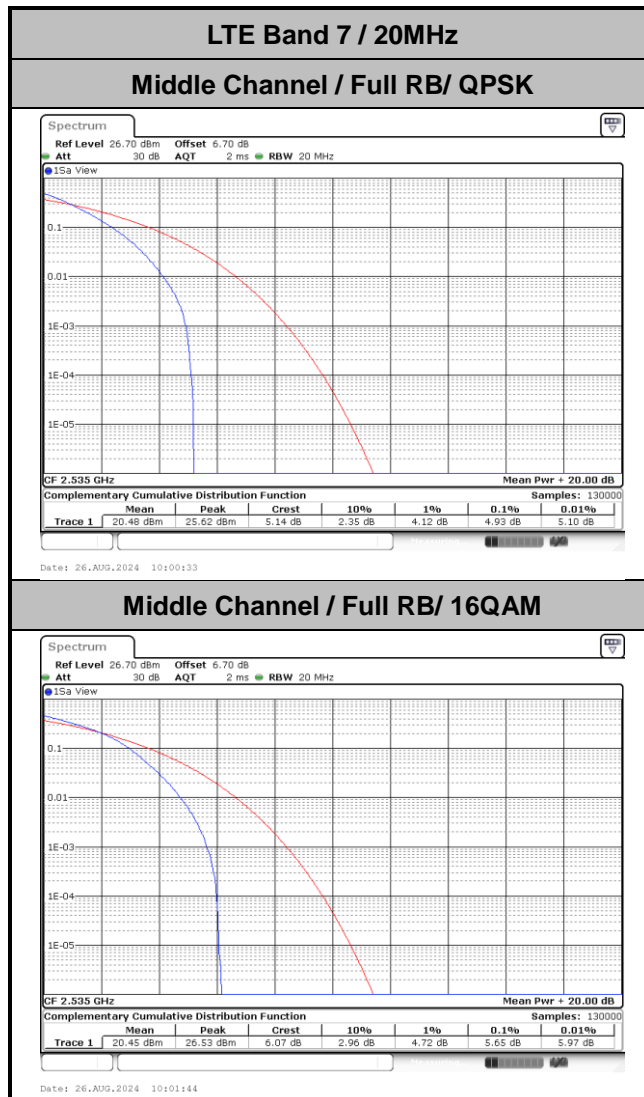
1. Normal Voltage =3.91 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

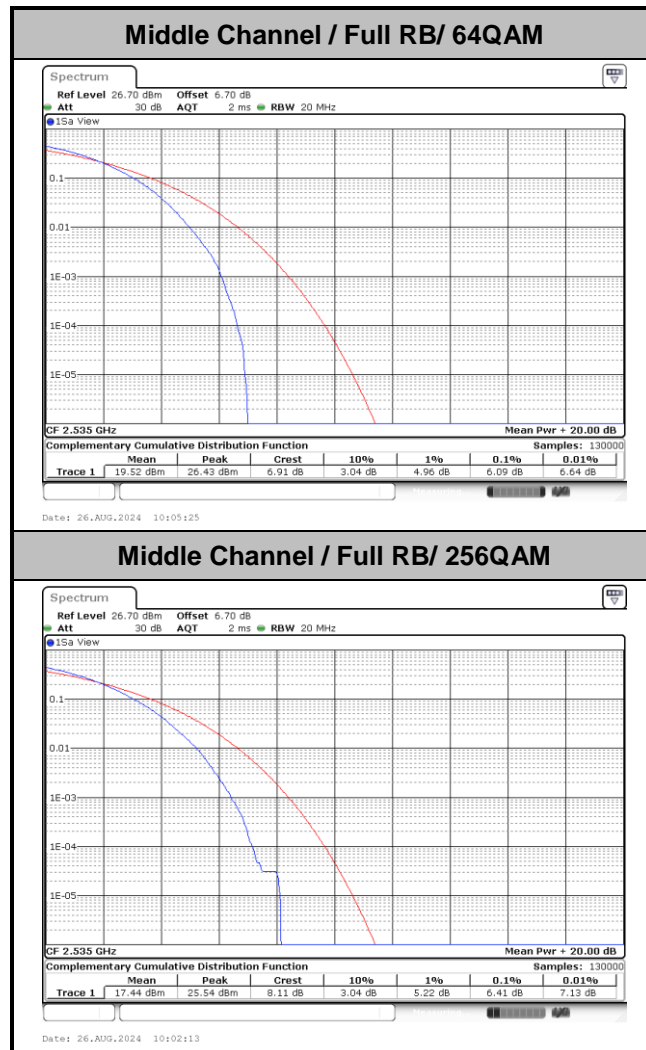


LTE Band 7(Other PA)

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	4.93	5.65	6.09	6.41	PASS

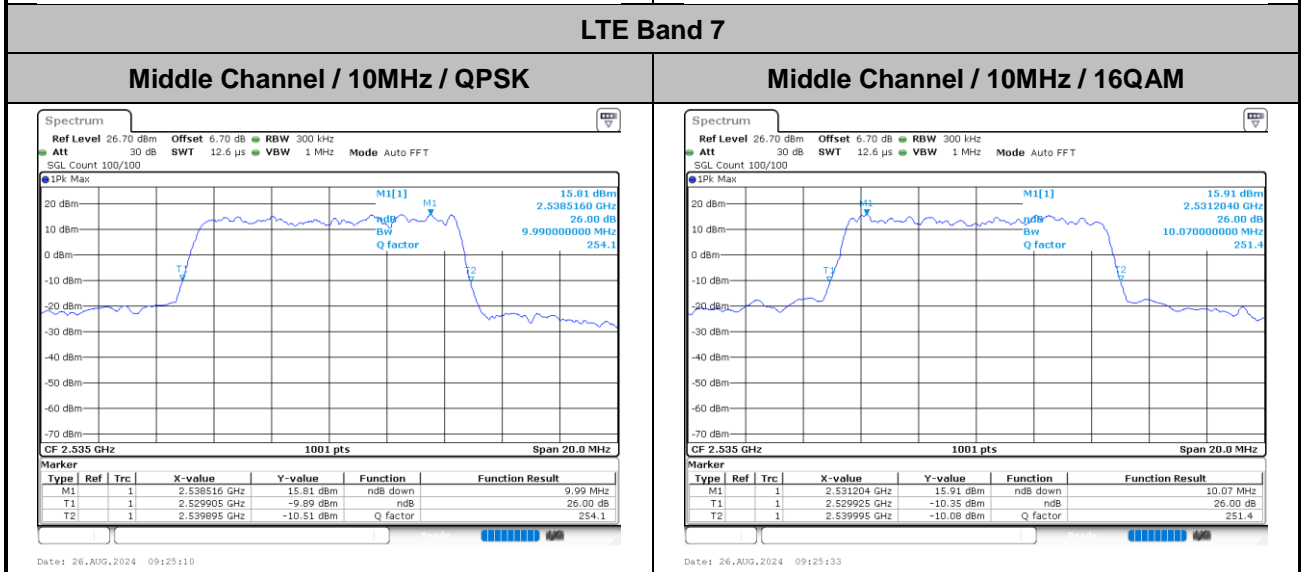
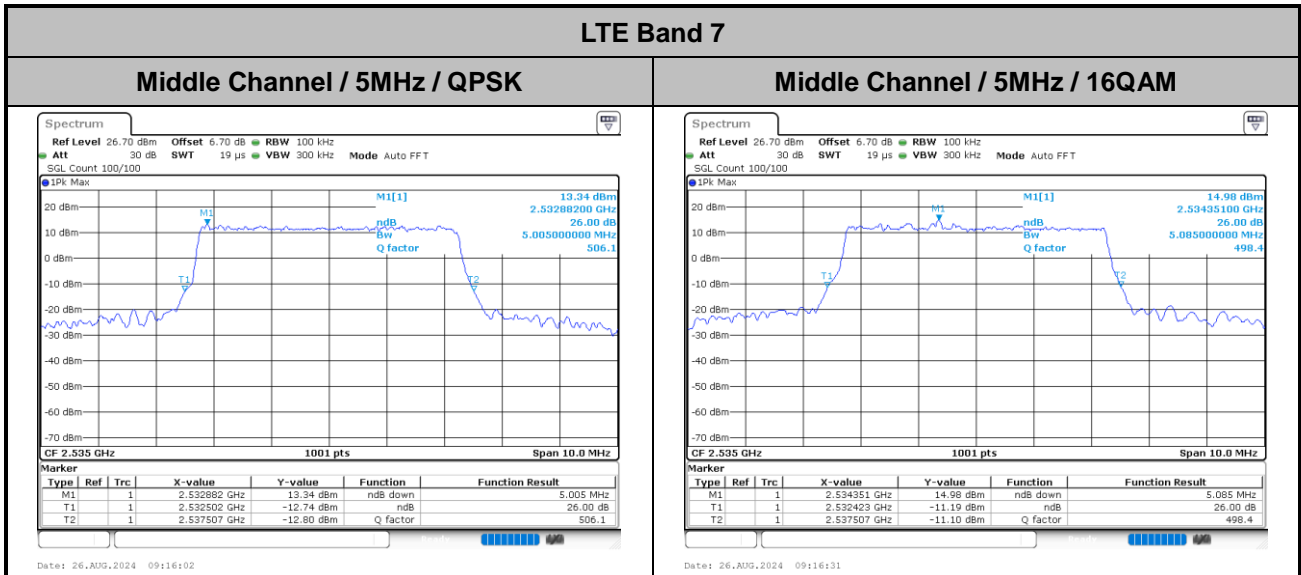






26dB Bandwidth

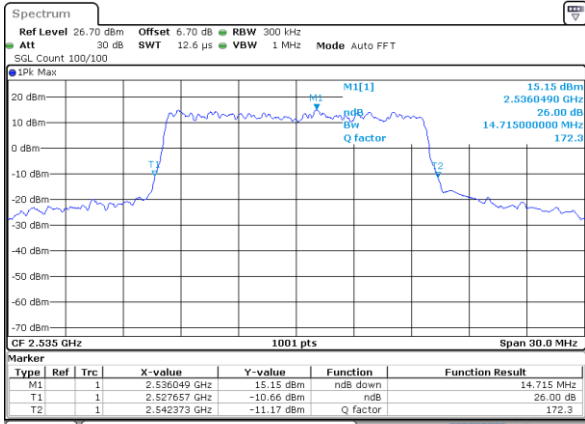
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.01	5.09	9.99	10.07	14.72	14.18	18.78	19.26





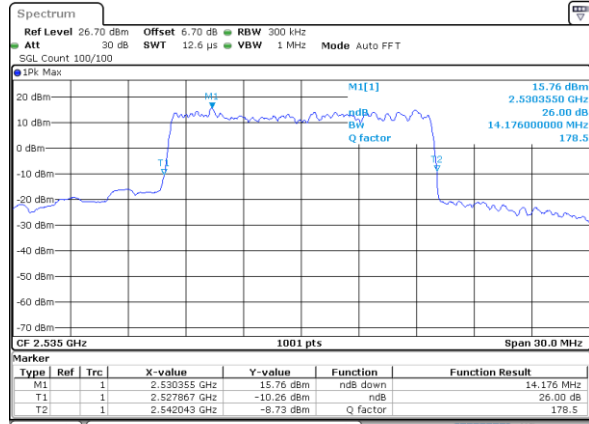
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 26.AUG.2024 09:47:04

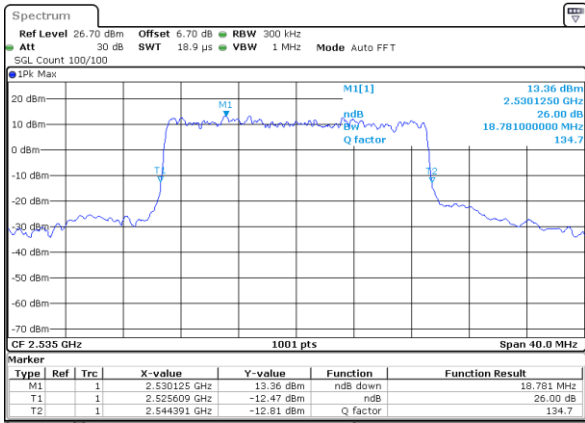
Middle Channel / 15MHz / 16QAM



Date: 26.AUG.2024 09:47:154

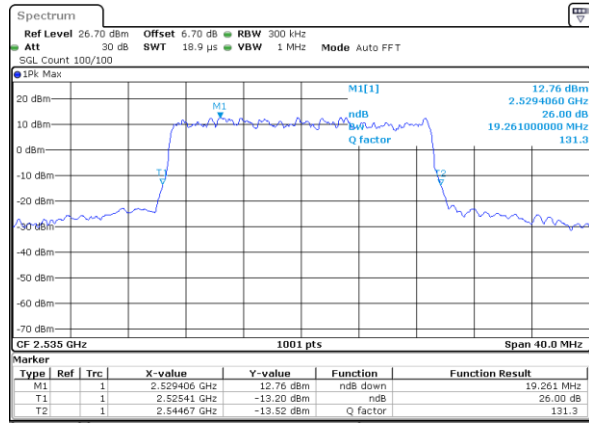
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 26.AUG.2024 10:00:10

Middle Channel / 20MHz / 16QAM

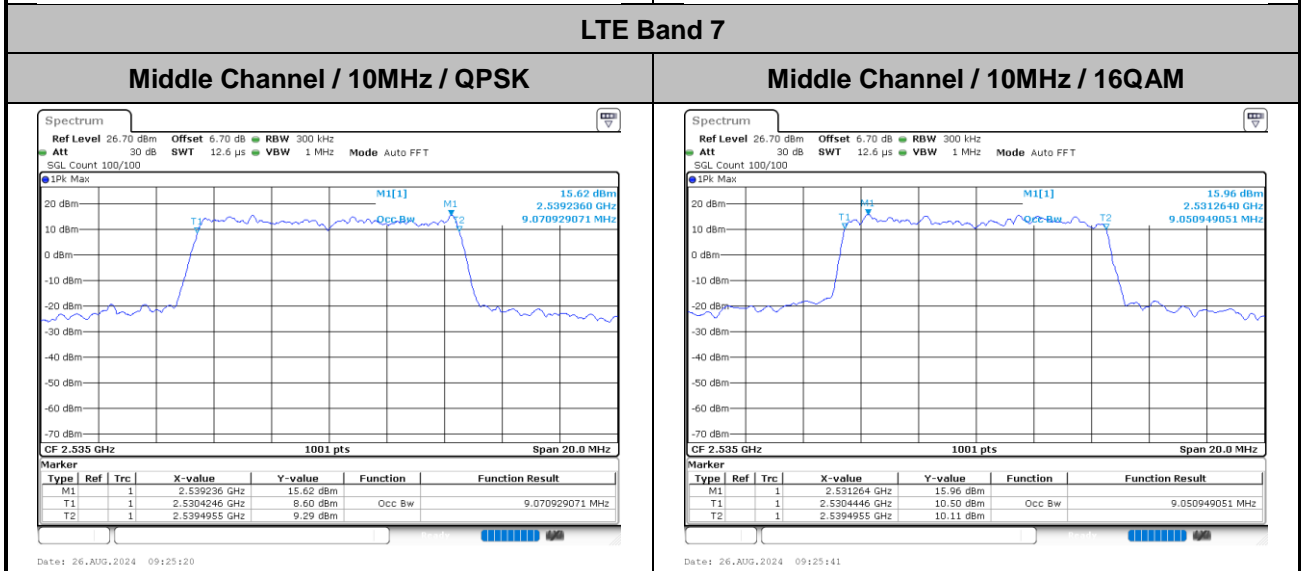
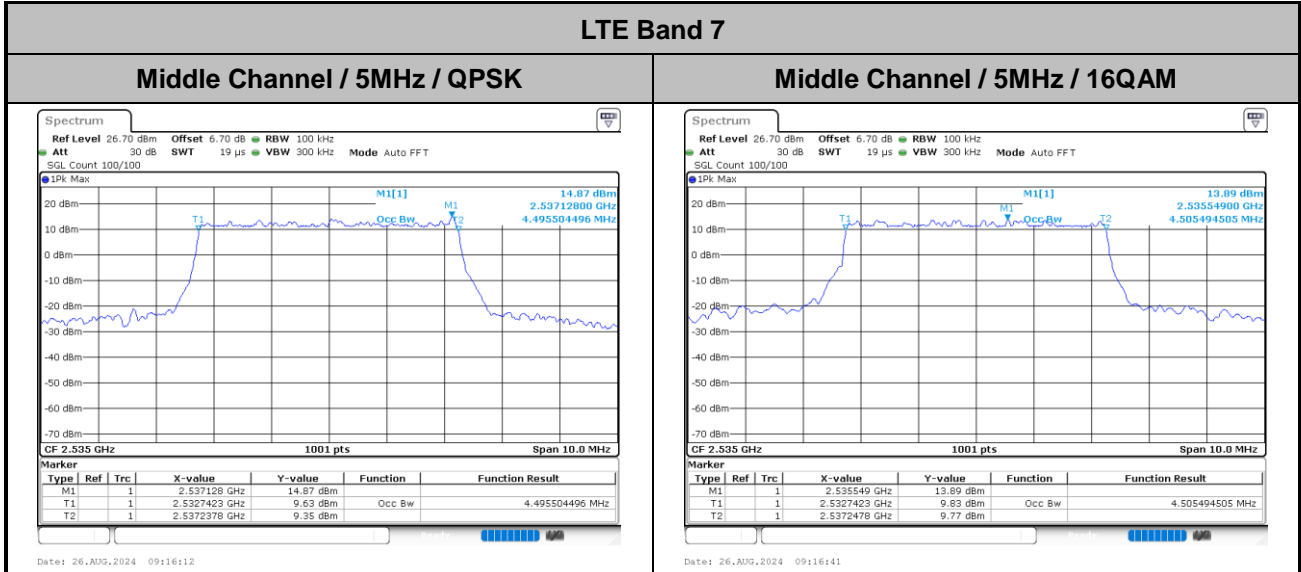


Date: 26.AUG.2024 10:00:152



Occupied Bandwidth

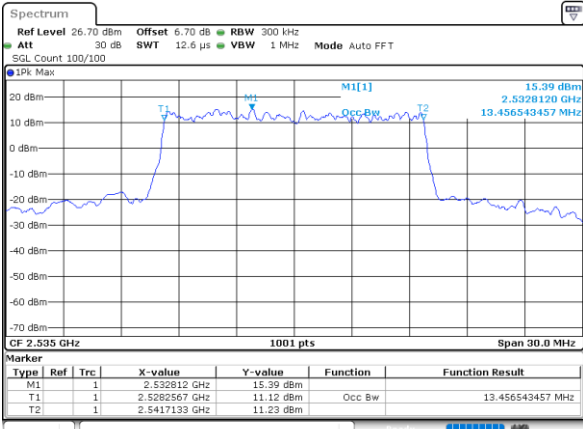
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.51	9.07	9.05	13.46	13.43	18.02	17.90





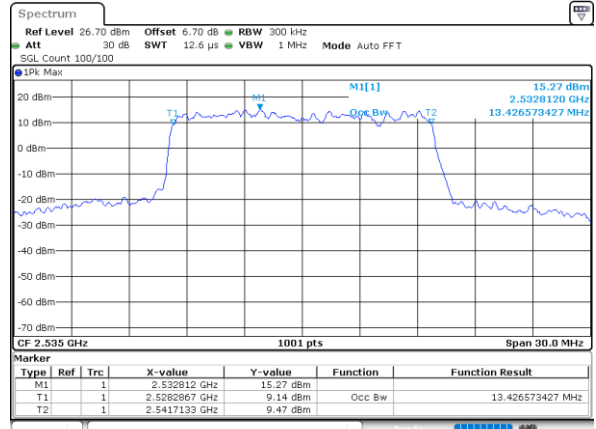
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 26.AUG.2024 09:48:35

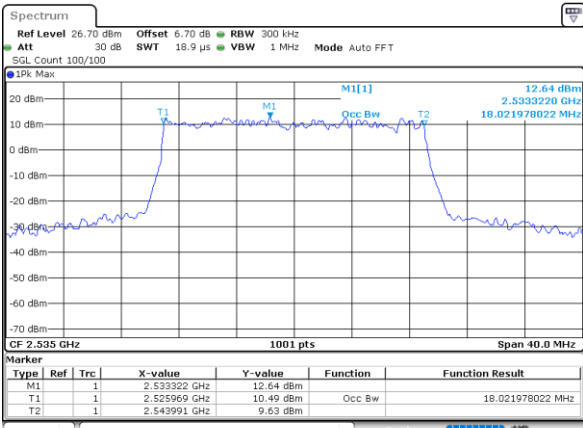
Middle Channel / 15MHz / 16QAM



Date: 26.AUG.2024 09:48:04

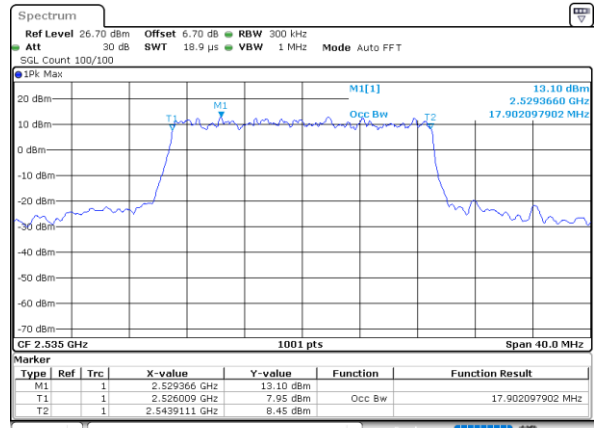
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 26.AUG.2024 10:00:19

Middle Channel / 20MHz / 16QAM



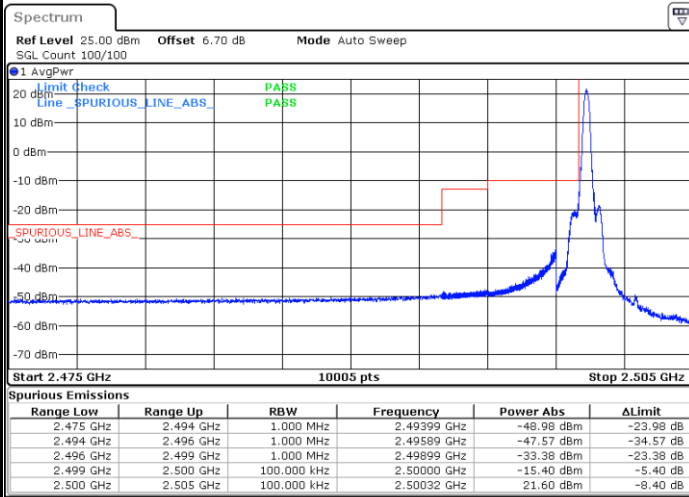
Date: 26.AUG.2024 10:01:01



Conducted Band Edge

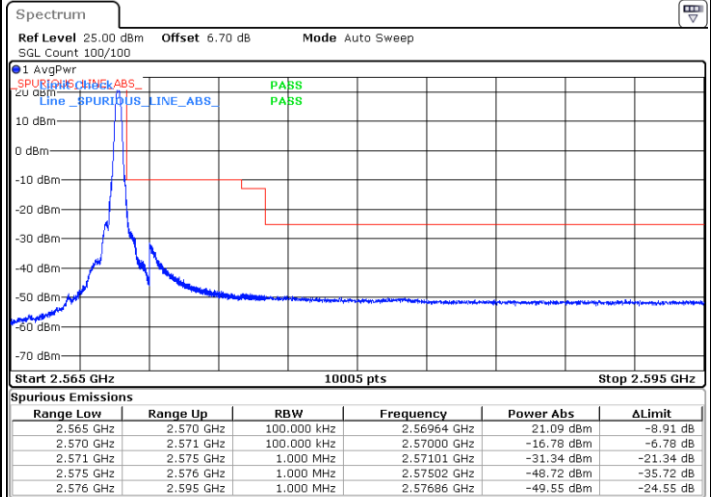
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



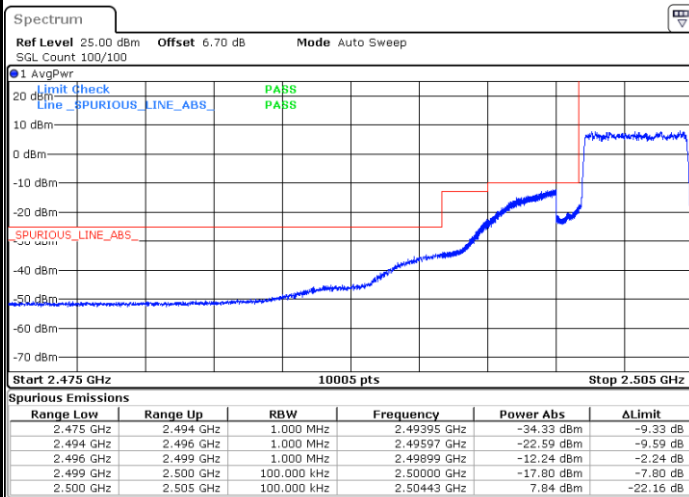
Date: 26.AUG.2024 09:56:05

Highest Band Edge / 1 RB



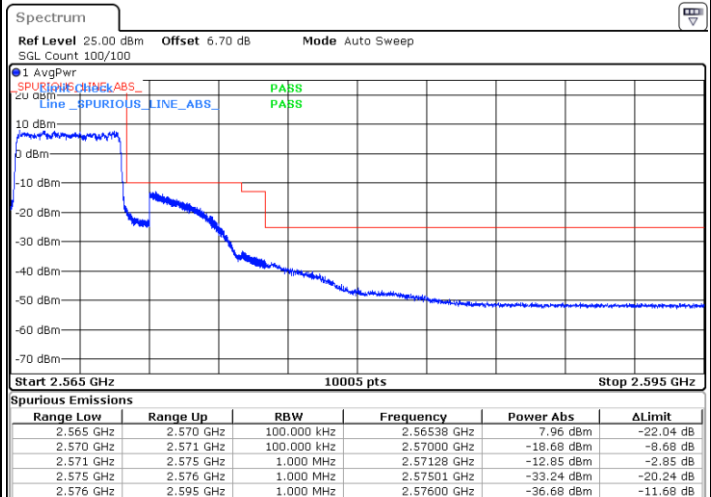
Date: 26.AUG.2024 09:11:09

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:04:31

Highest Band Edge / Full RB

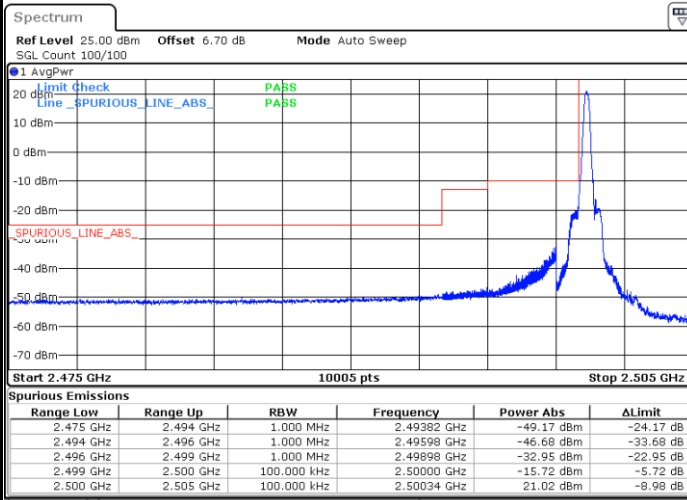


Date: 26.AUG.2024 09:14:29



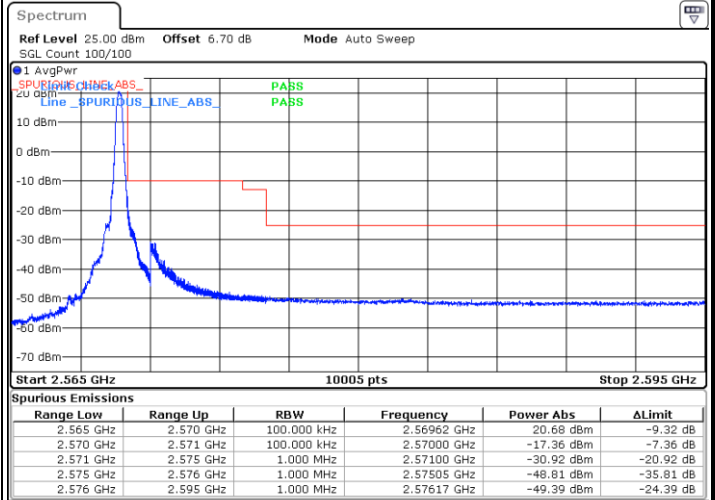
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



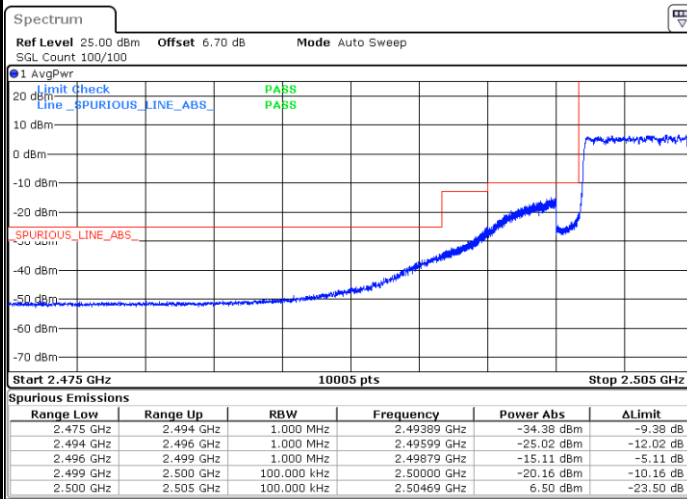
Date: 26.AUG.2024 09:58:12

Highest Band Edge / 1 RB



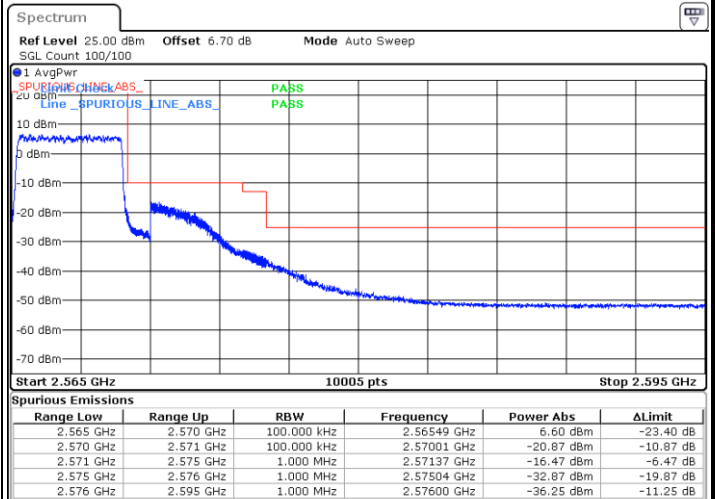
Date: 26.AUG.2024 09:11:42

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:04:02

Highest Band Edge / Full RB

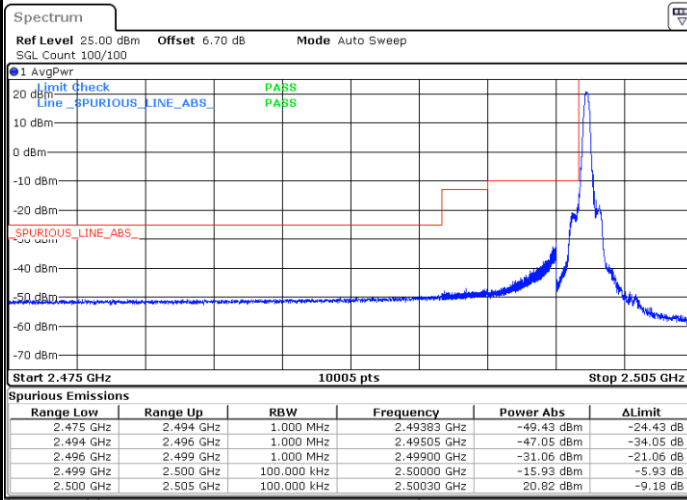


Date: 26.AUG.2024 09:14:07



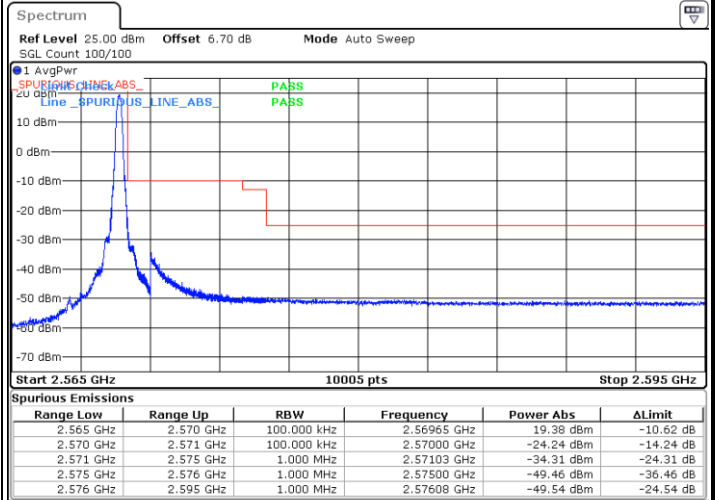
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



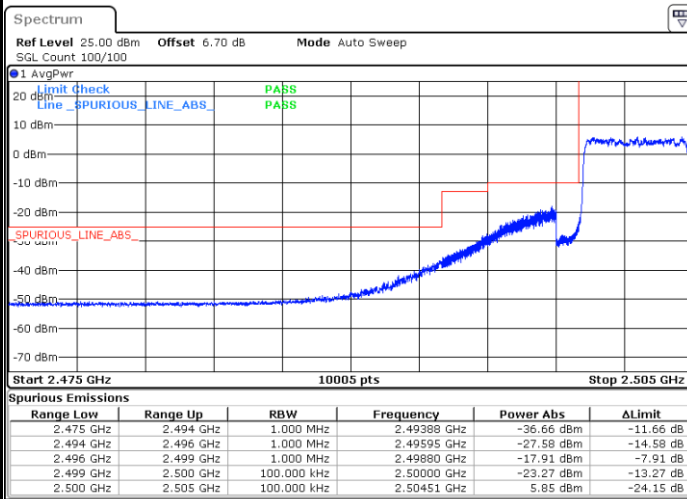
Date: 26.AUG.2024 09:58:40

Highest Band Edge / 1 RB



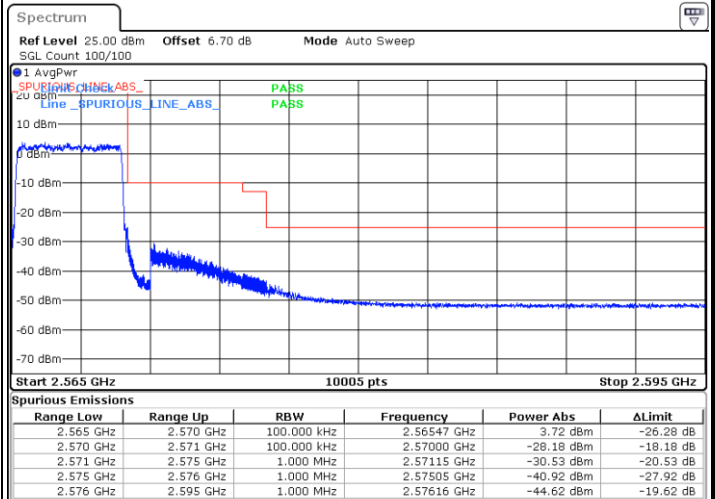
Date: 26.AUG.2024 09:12:03

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:03:43

Highest Band Edge / Full RB

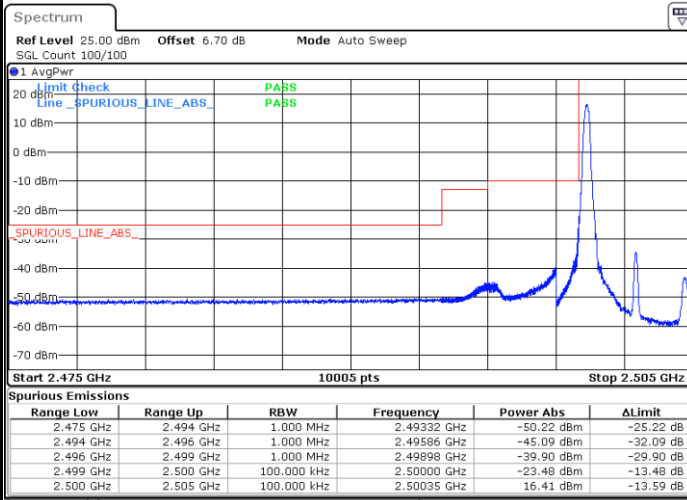


Date: 26.AUG.2024 09:13:16



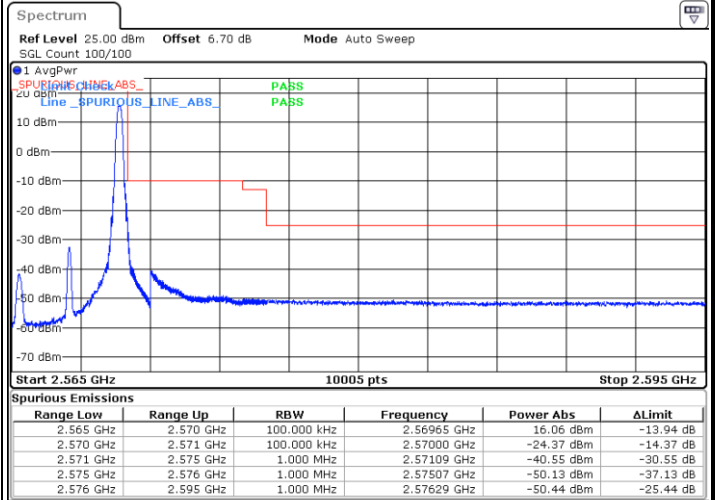
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



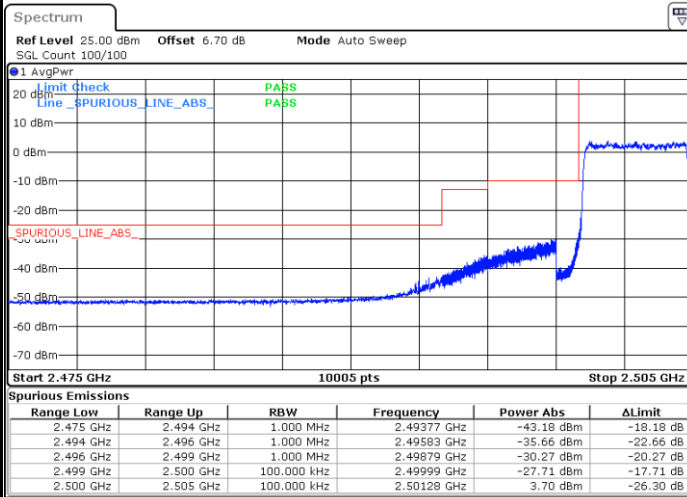
Date: 26.AUG.2024 09:01:52

Highest Band Edge / 1 RB



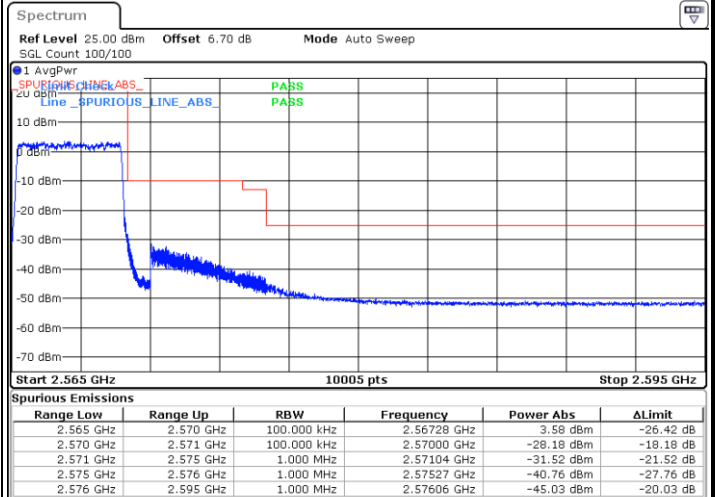
Date: 26.AUG.2024 09:12:23

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:03:19

Highest Band Edge / Full RB



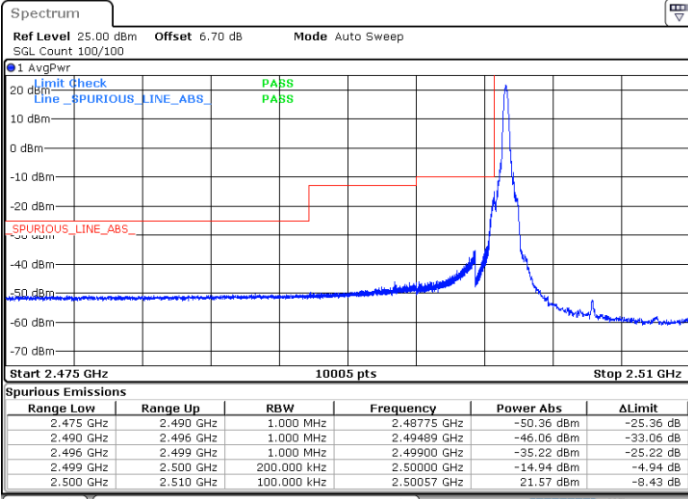
Date: 26.AUG.2024 09:12:50



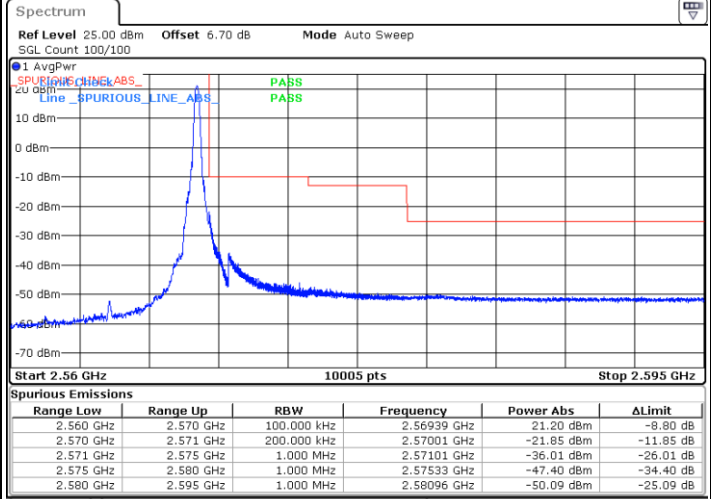
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



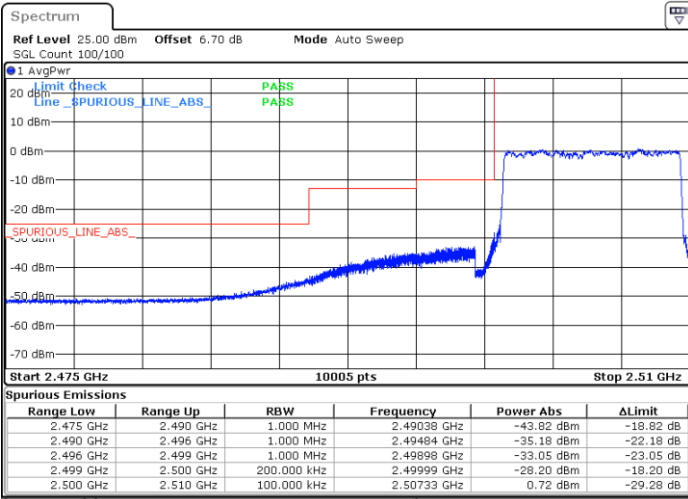
Date: 26.AUG.2024 09:18:12



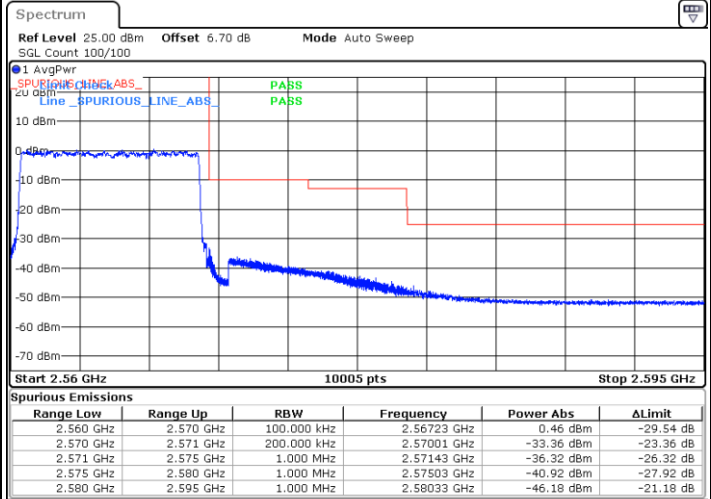
Date: 26.AUG.2024 09:27:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.AUG.2024 09:24:31



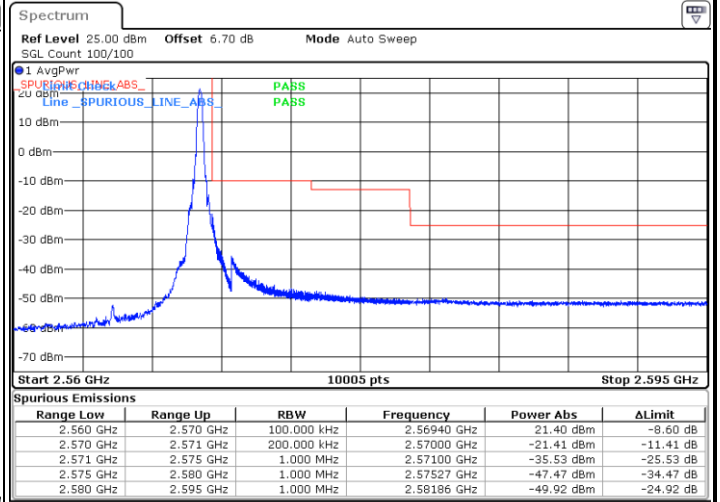
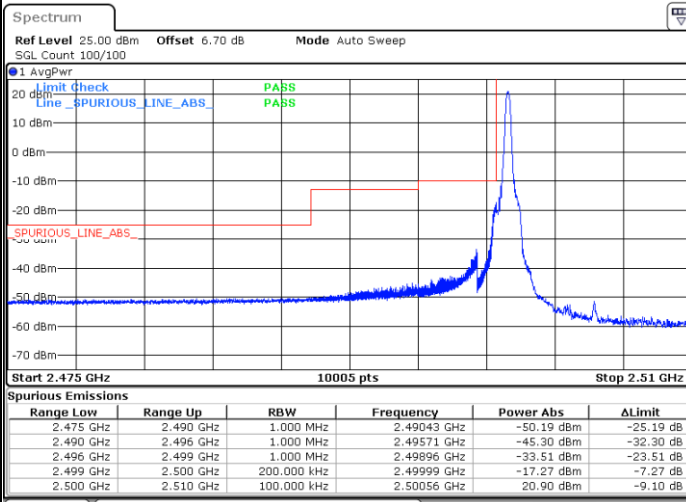
Date: 26.AUG.2024 09:35:25



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

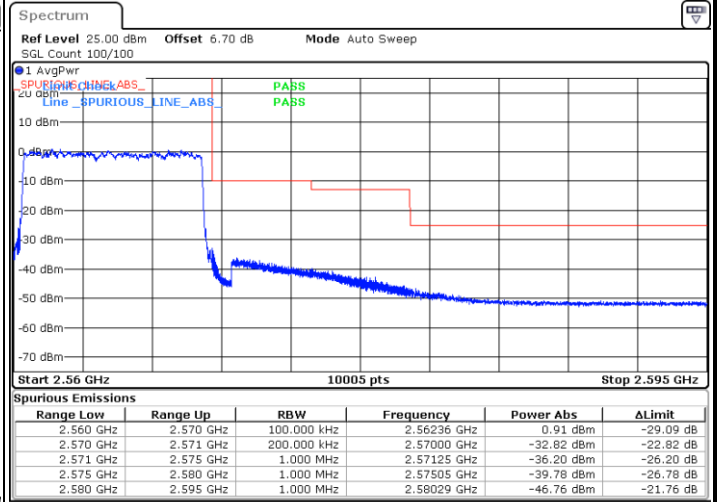
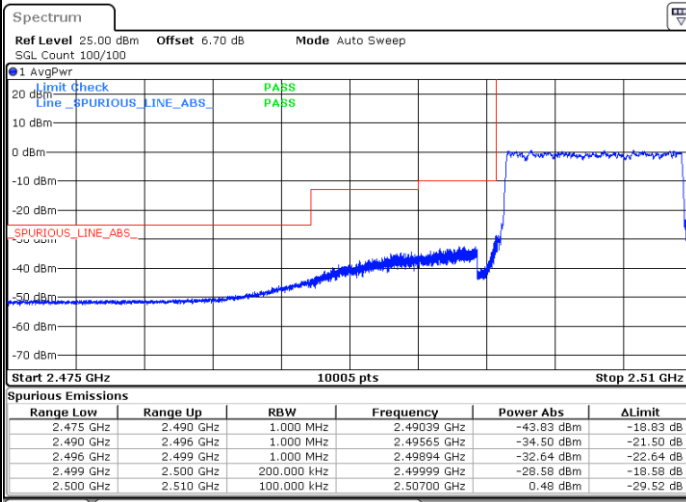


Date: 26.AUG.2024 09:21:02

Date: 26.AUG.2024 09:28:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



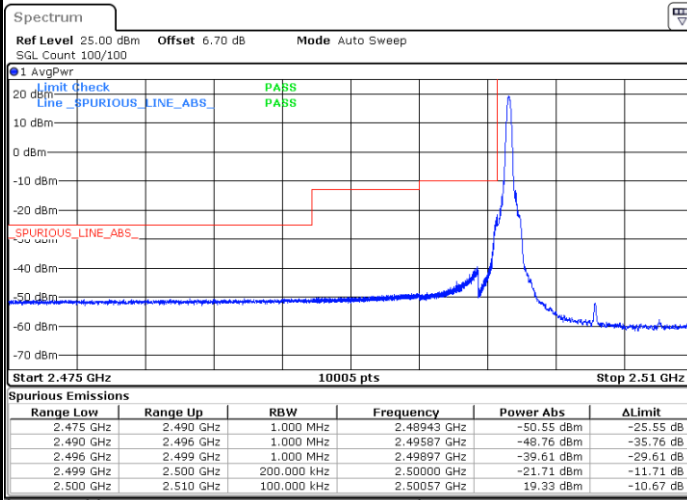
Date: 26.AUG.2024 09:24:13

Date: 26.AUG.2024 09:35:13



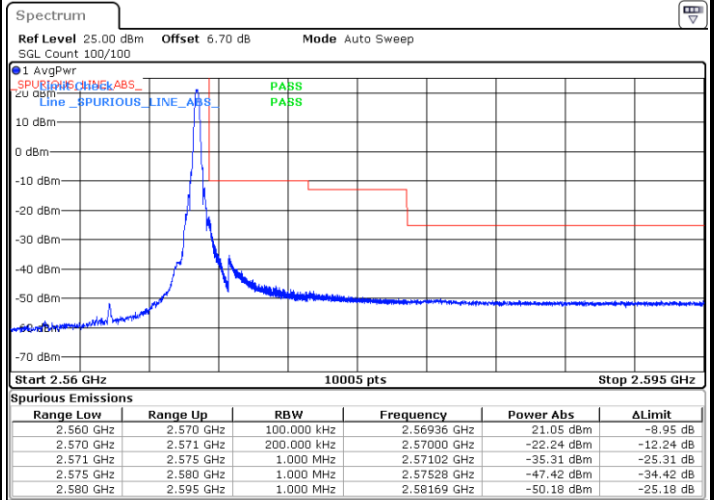
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



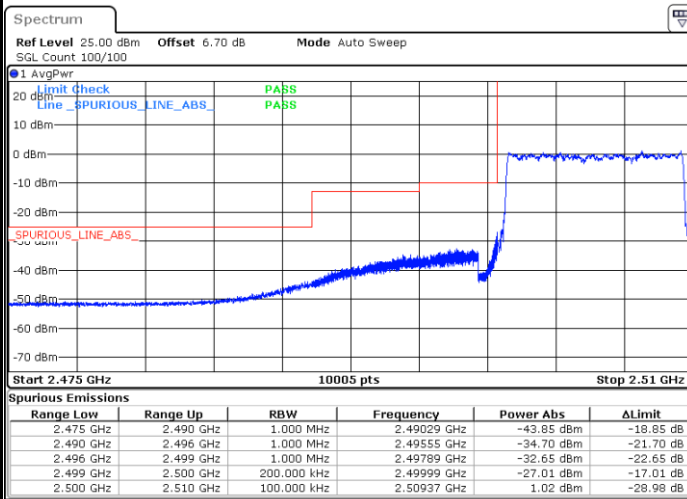
Date: 26.AUG.2024 09:21:31

Highest Band Edge / 1 RB



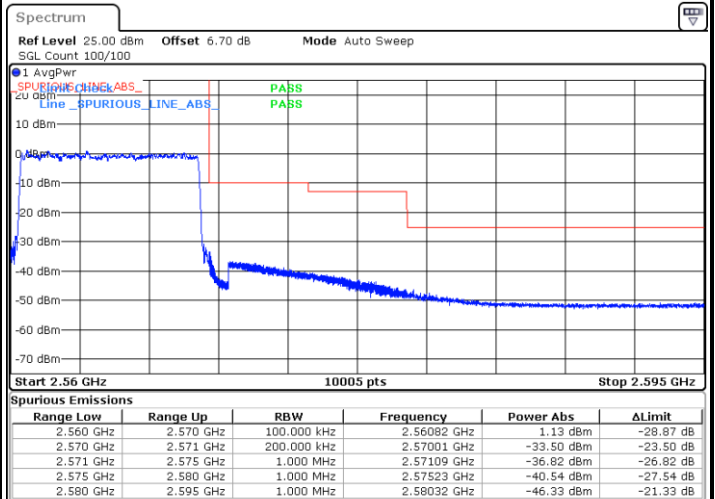
Date: 26.AUG.2024 09:28:29

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:23:56

Highest Band Edge / Full RB



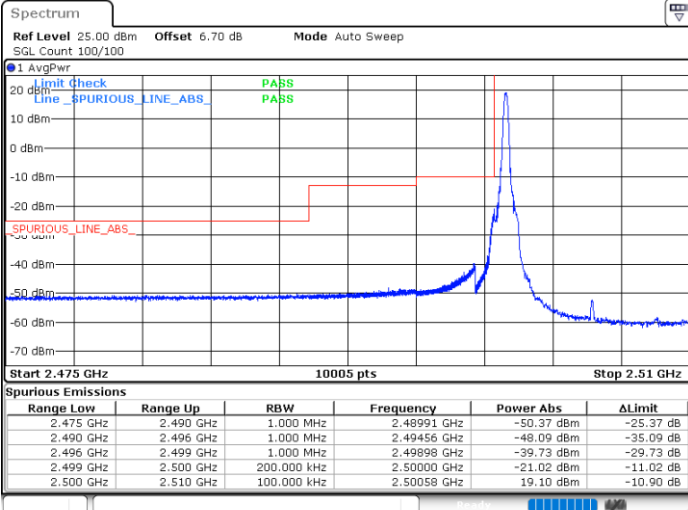
Date: 26.AUG.2024 09:34:58



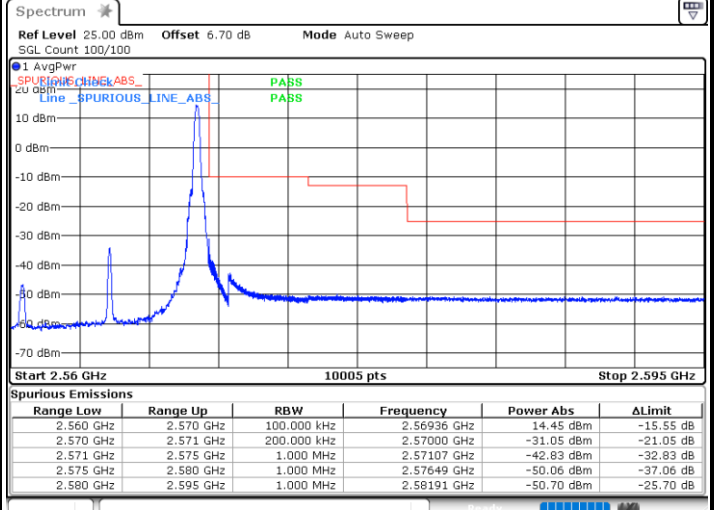
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



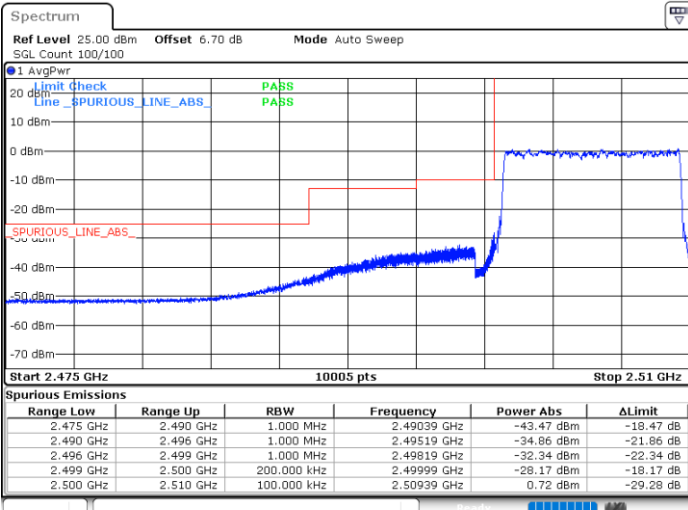
Date: 26.AUG.2024 09:22:39



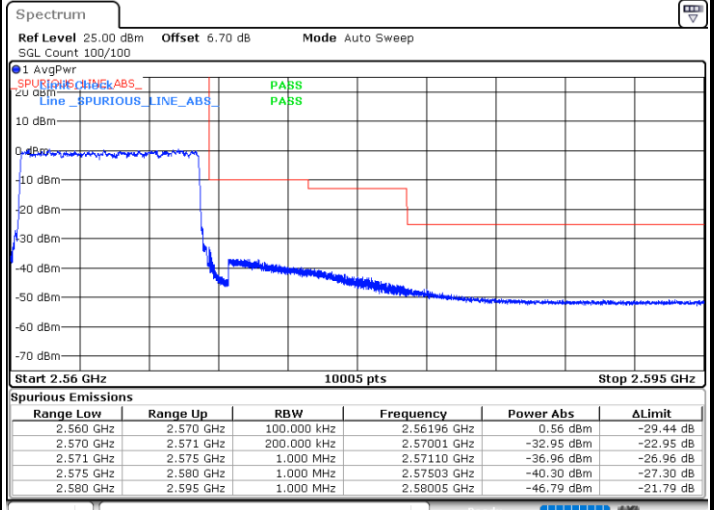
Date: 26.AUG.2024 09:33:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.AUG.2024 09:23:29



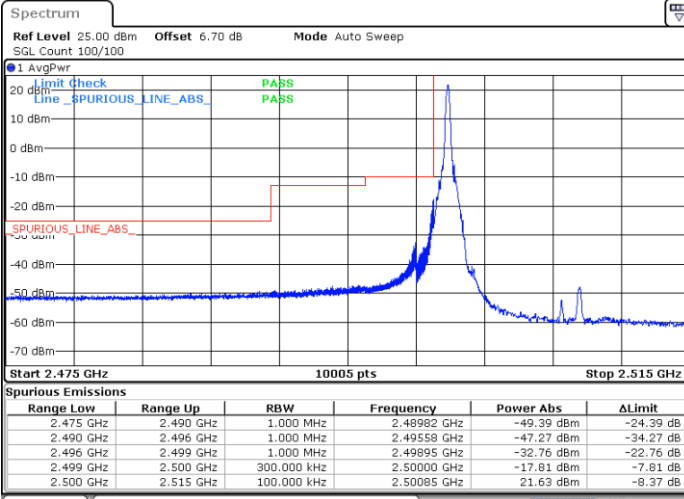
Date: 26.AUG.2024 09:34:42



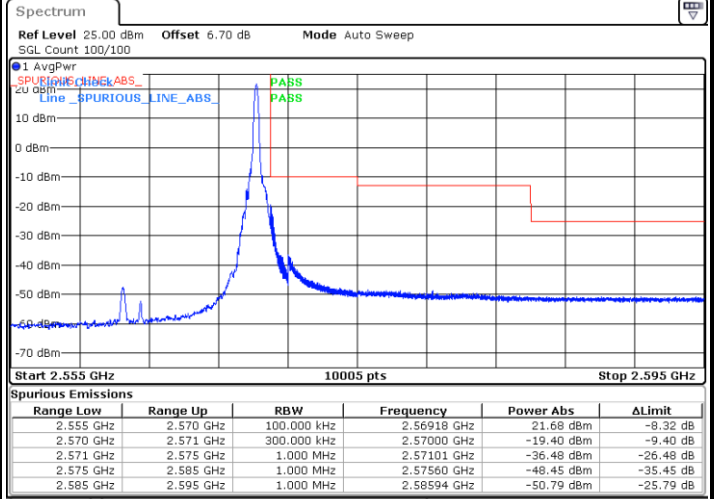
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



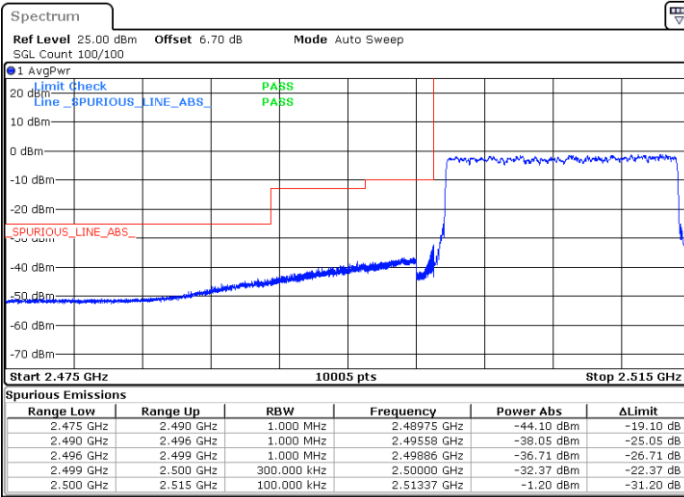
Date: 26.AUG.2024 09:39:42



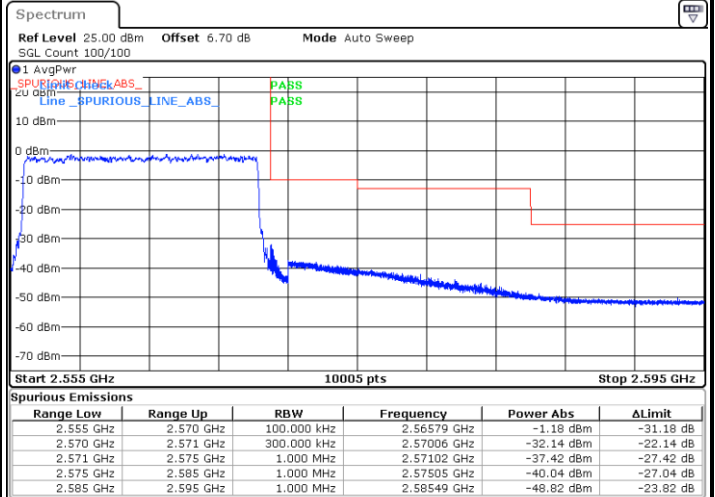
Date: 26.AUG.2024 09:50:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.AUG.2024 09:45:10

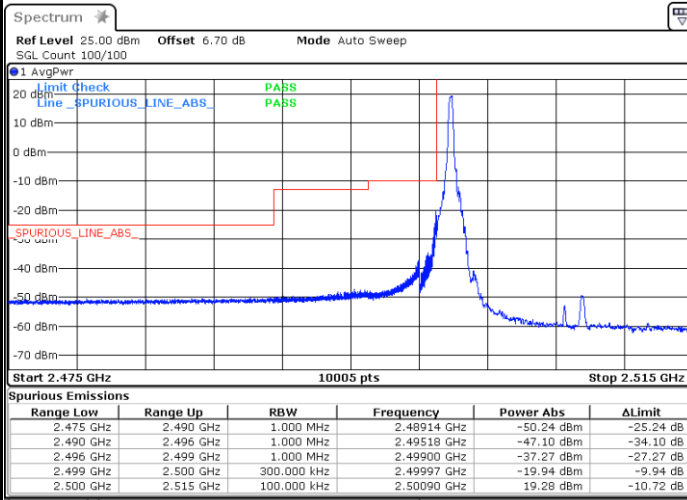


Date: 26.AUG.2024 09:54:07



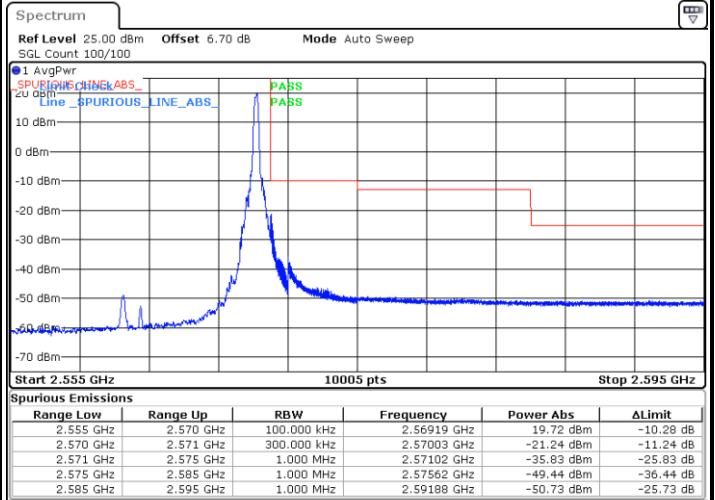
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



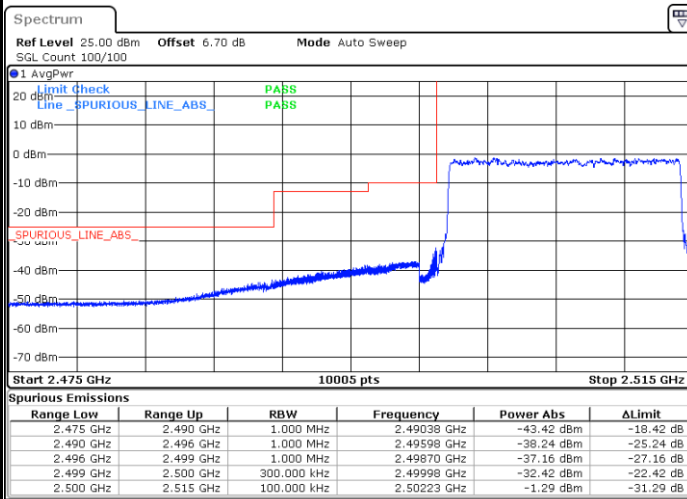
Date: 26.AUG.2024 09:42:09

Highest Band Edge / 1 RB



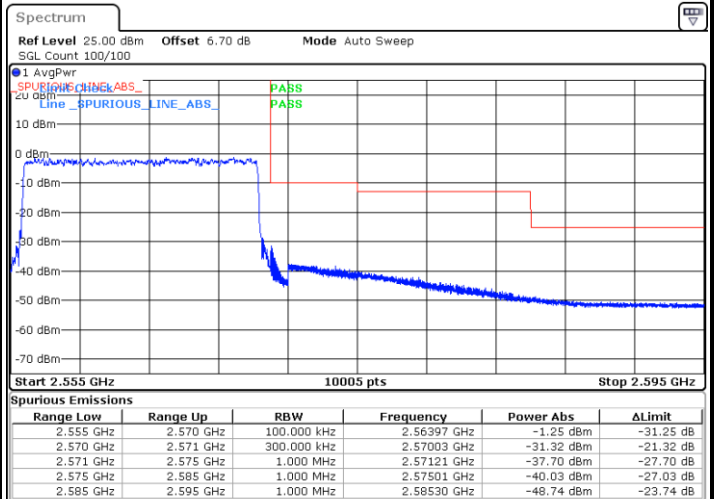
Date: 26.AUG.2024 09:51:28

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:44:18

Highest Band Edge / Full RB

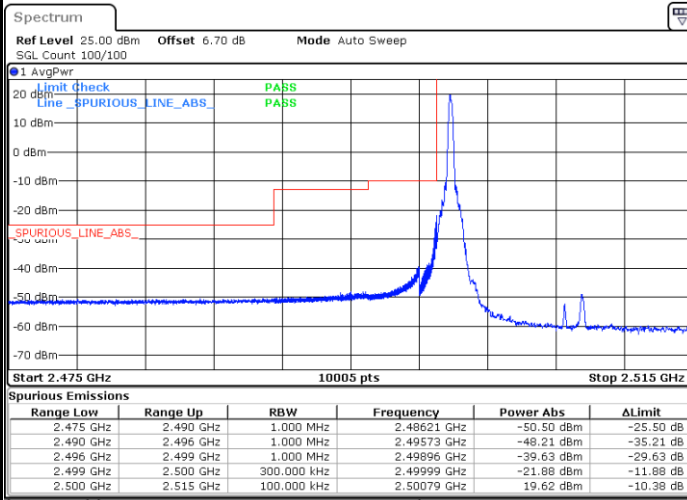


Date: 26.AUG.2024 09:53:53

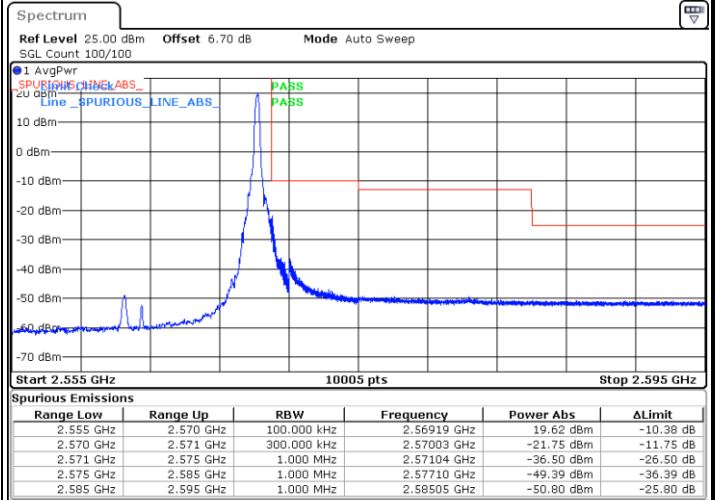


LTE Band 7 / 15MHz / 64QAM

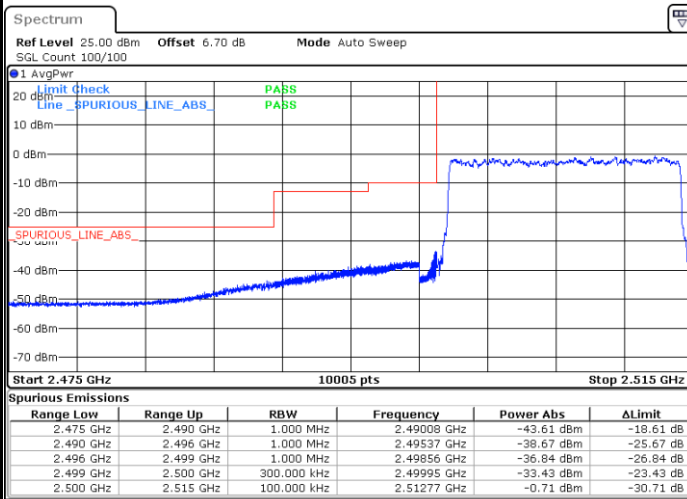
Lowest Band Edge / 1 RB



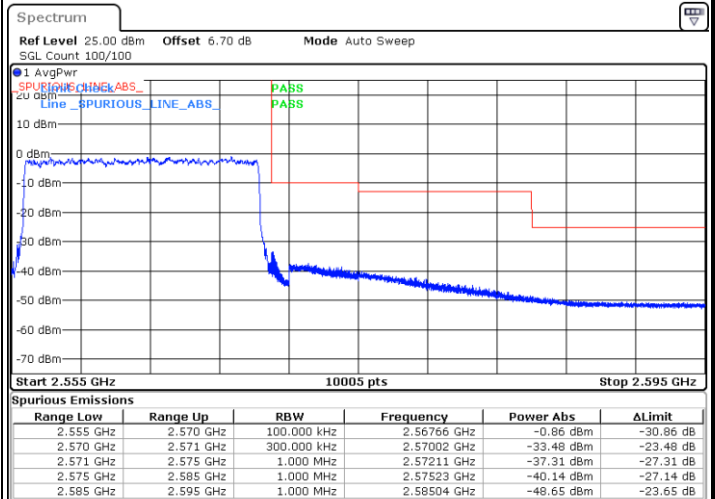
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



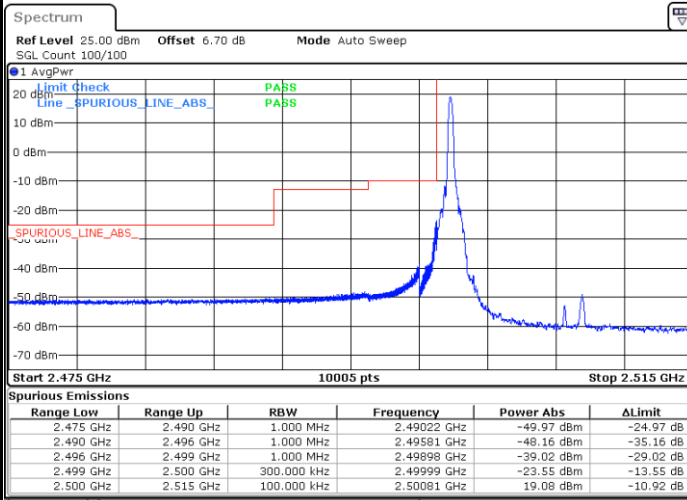
Highest Band Edge / Full RB



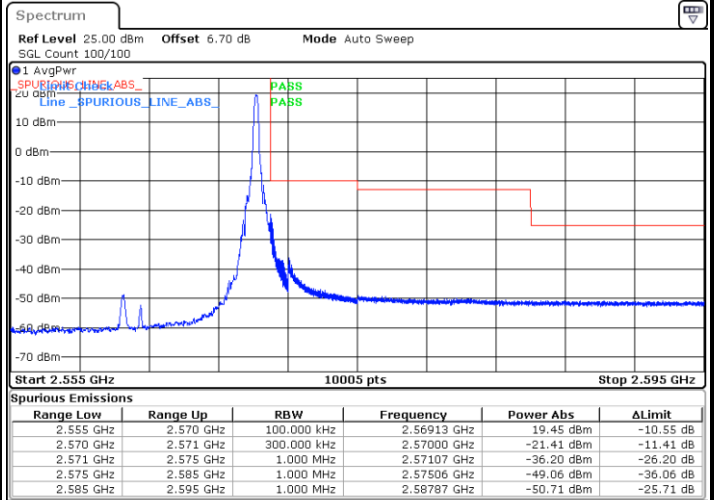


LTE Band 7 / 15MHz / 256QAM

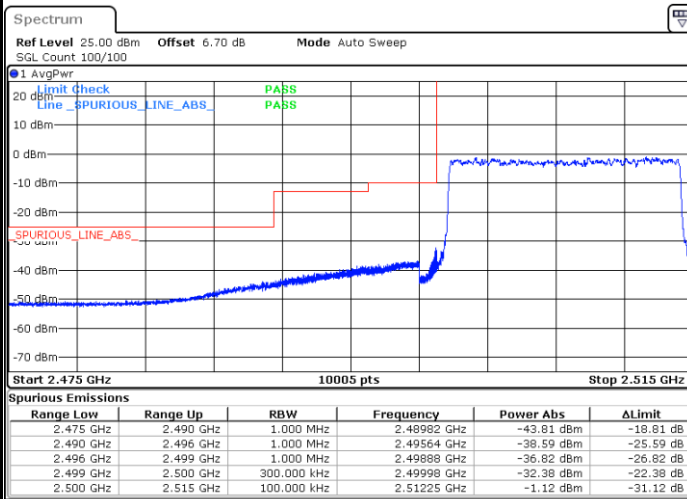
Lowest Band Edge / 1 RB



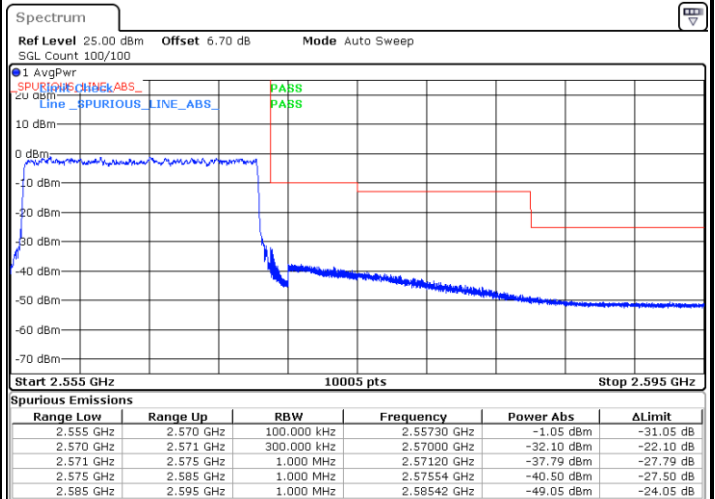
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

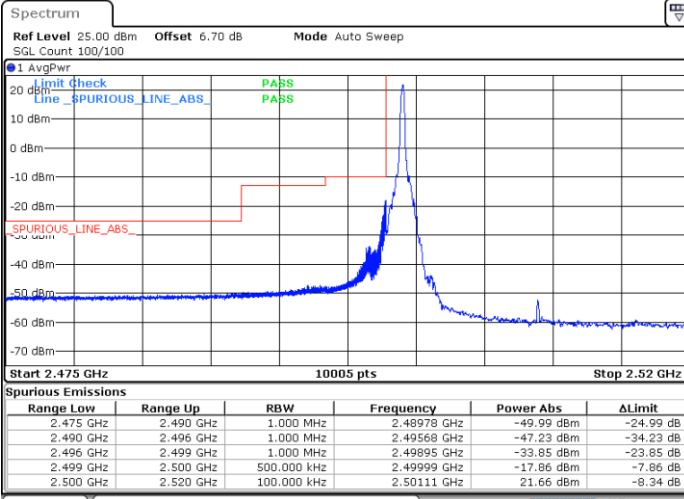




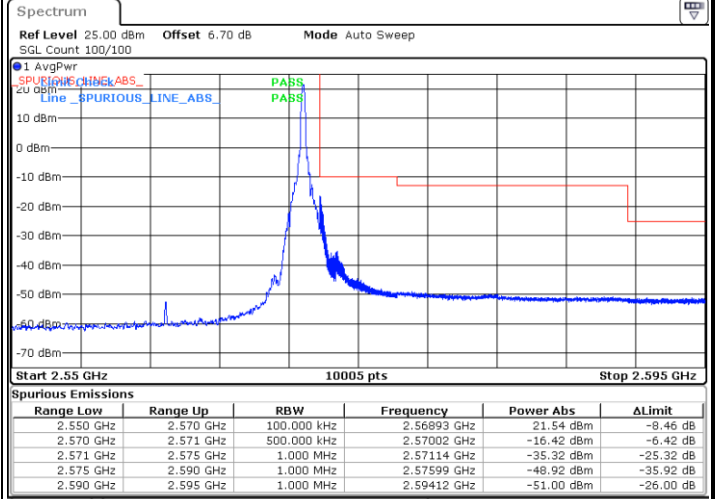
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



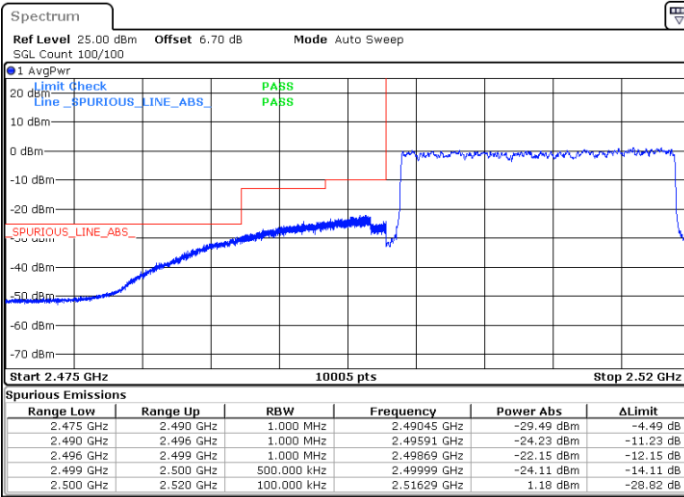
Date: 26.AUG.2024 09:57:01



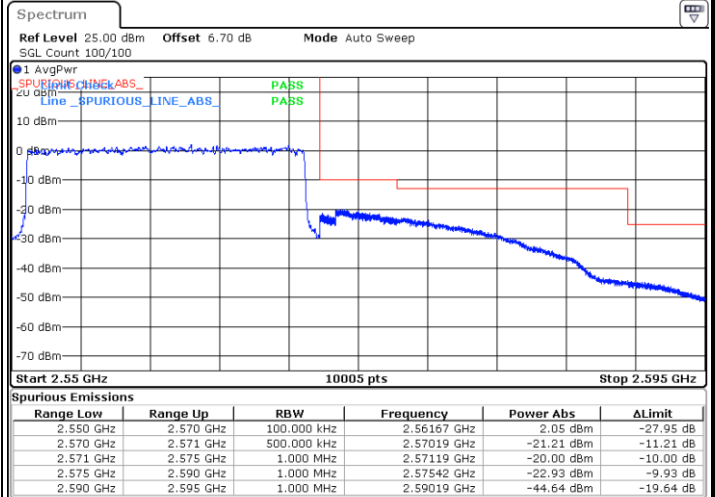
Date: 26.AUG.2024 10:08:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.AUG.2024 09:59:33

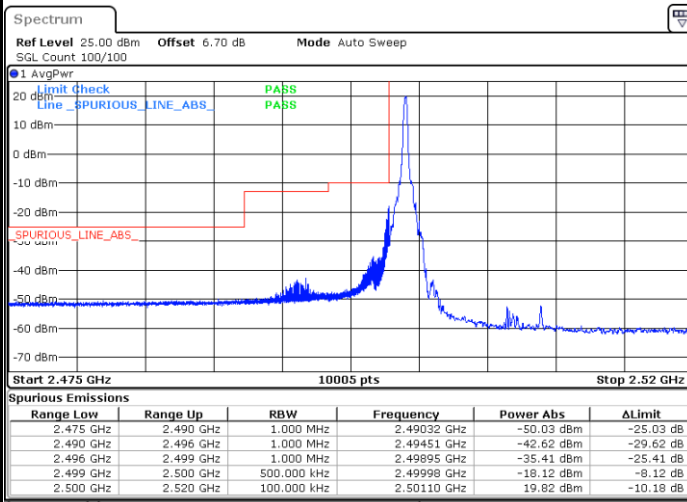


Date: 26.AUG.2024 10:09:48



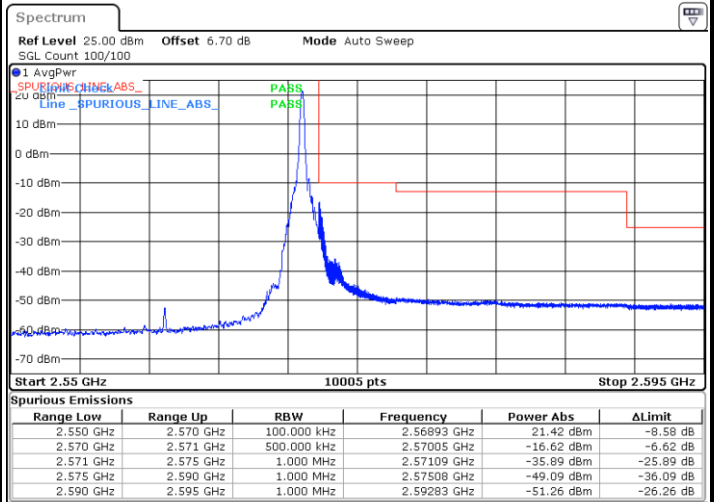
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



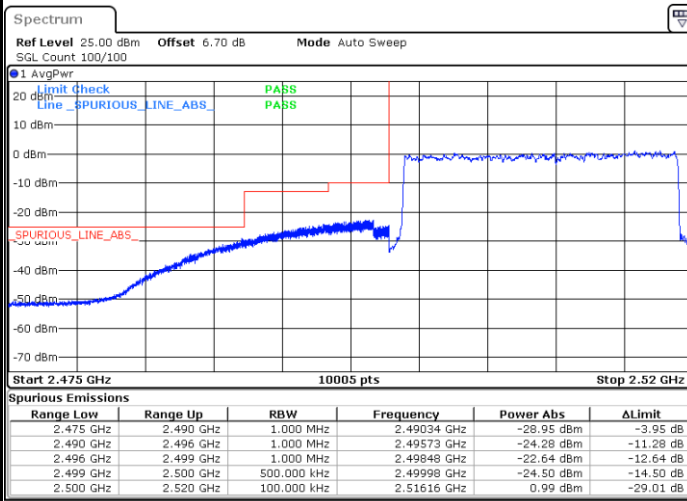
Date: 26.AUG.2024 09:57:20

Highest Band Edge / 1 RB



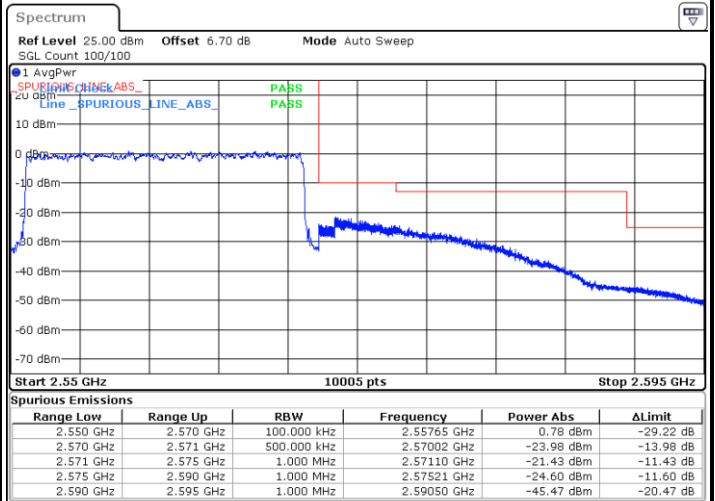
Date: 26.AUG.2024 10:08:24

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:59:10

Highest Band Edge / Full RB

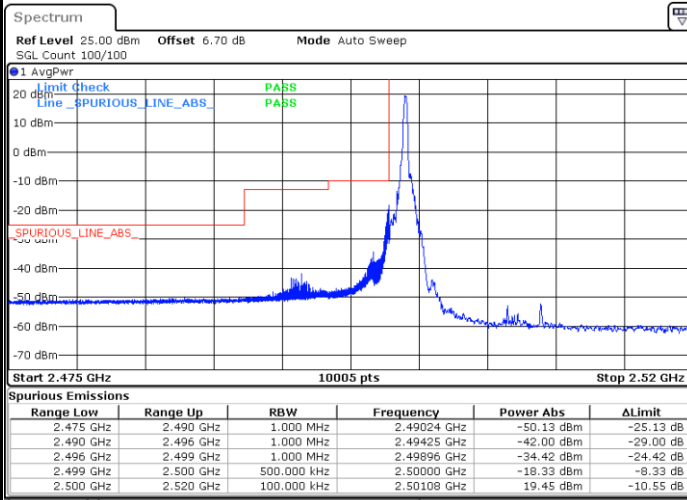


Date: 26.AUG.2024 10:10:03



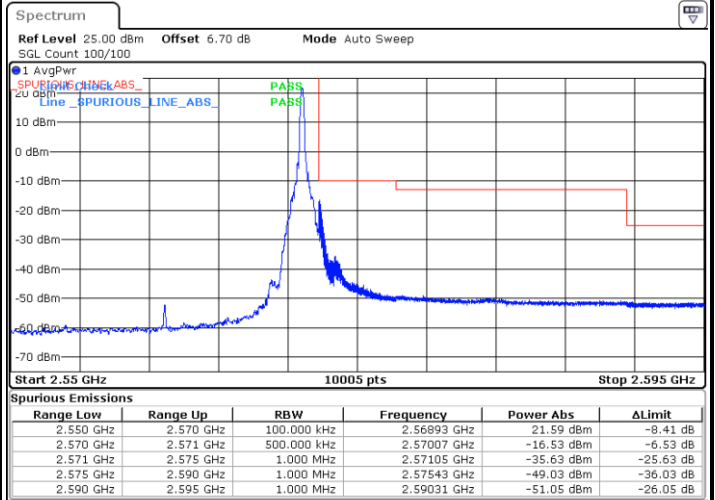
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



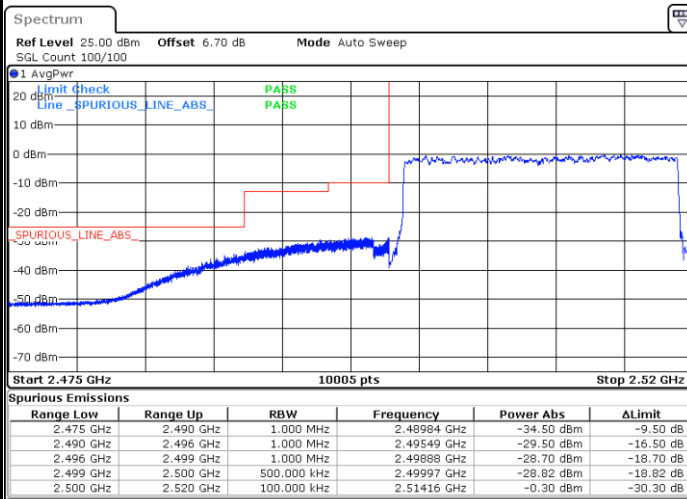
Date: 26.AUG.2024 09:57:40

Highest Band Edge / 1 RB



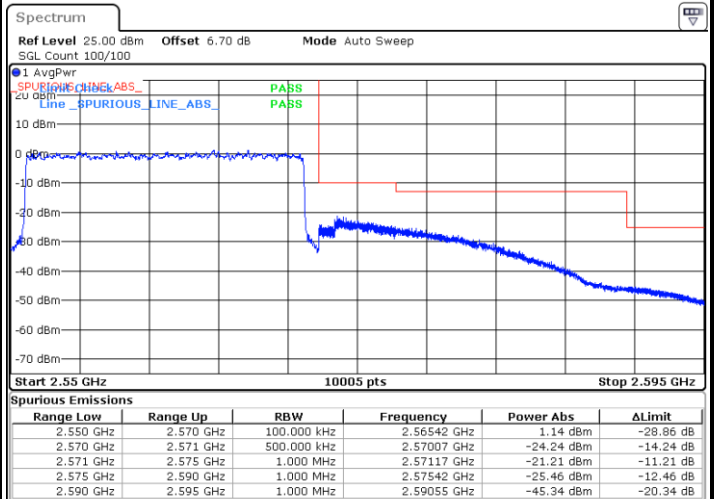
Date: 26.AUG.2024 10:08:39

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:58:51

Highest Band Edge / Full RB

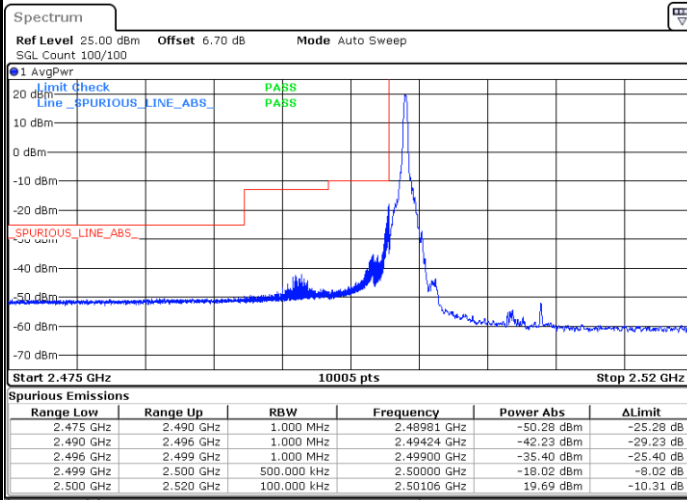


Date: 26.AUG.2024 10:10:29



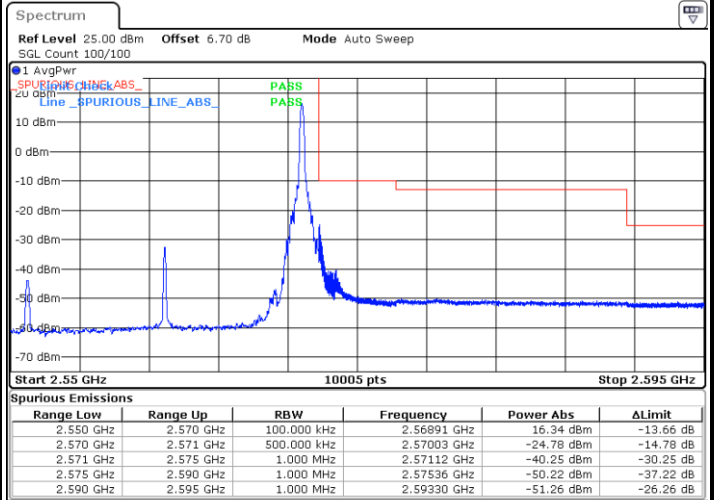
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



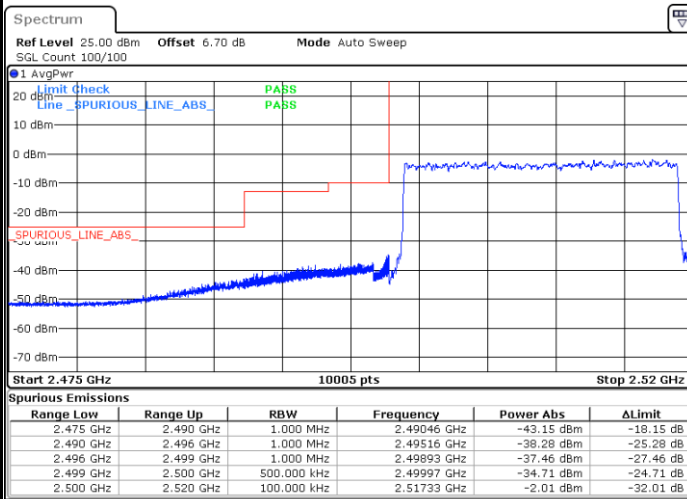
Date: 26.AUG.2024 09:58:01

Highest Band Edge / 1 RB



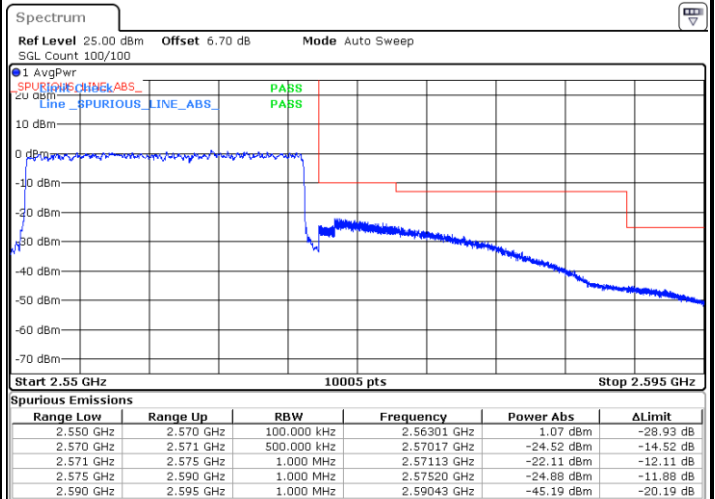
Date: 26.AUG.2024 10:09:07

Lowest Band Edge / Full RB



Date: 26.AUG.2024 09:58:34

Highest Band Edge / Full RB



Date: 26.AUG.2024 10:10:45



Conducted Spurious Emission

