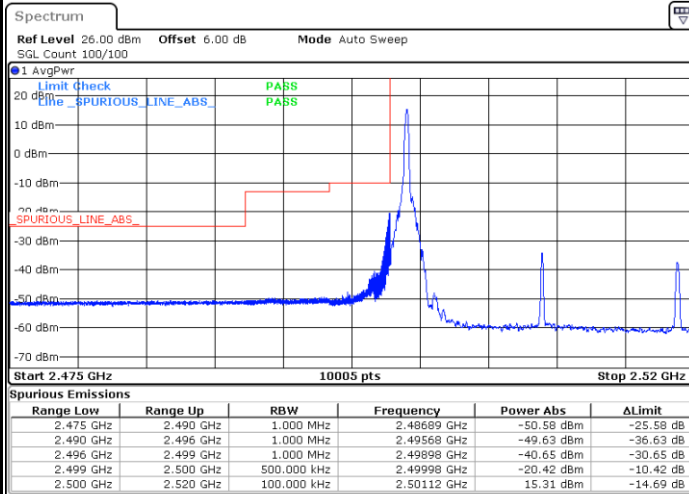


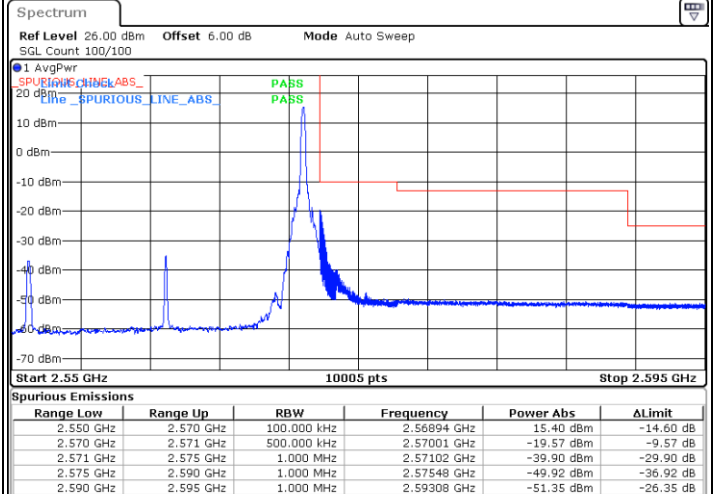


LTE Band 7 / 20MHz / 256QAM

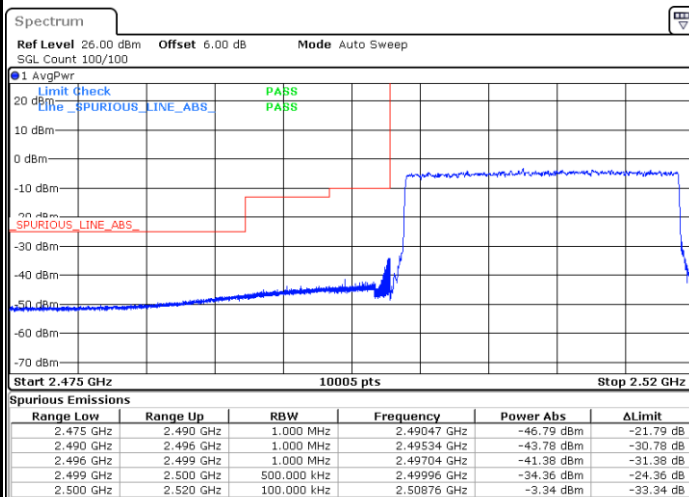
Lowest Band Edge / 1 RB



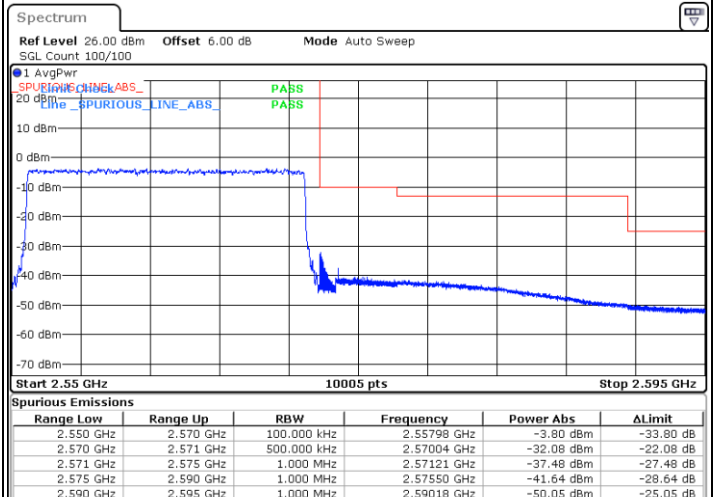
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

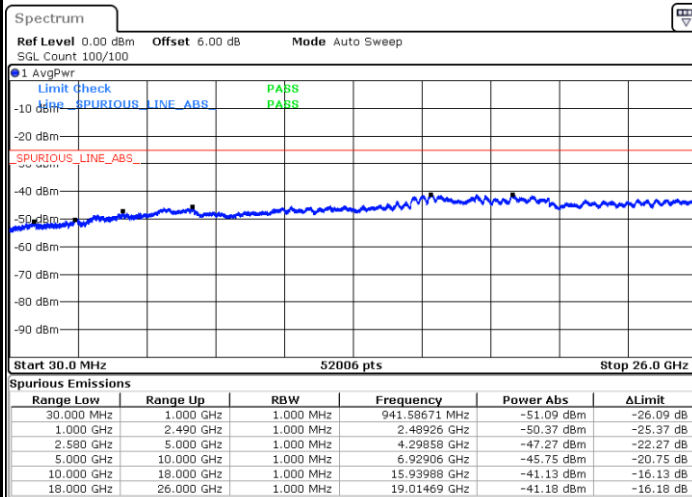




Conducted Spurious Emission

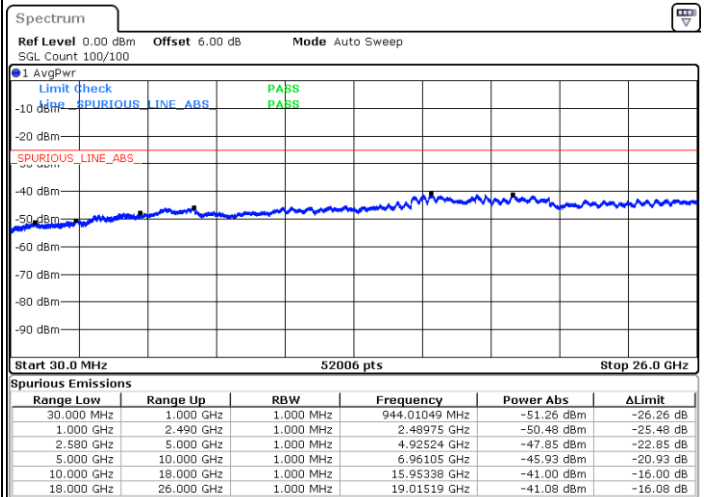
LTE Band 7 / 5MHz

Lowest Channel / QPSK



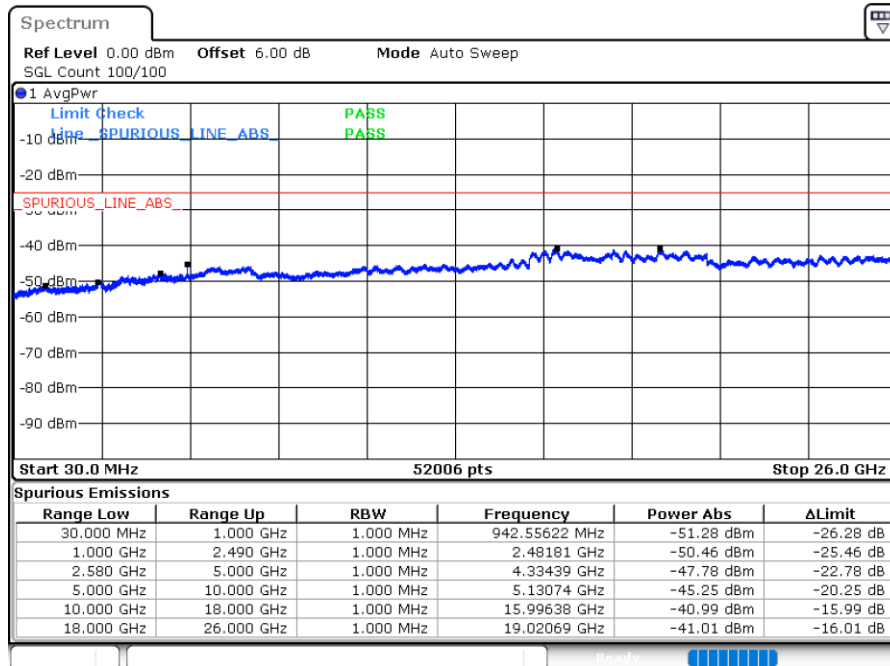
Date: 8.MAY.2025 09:56:35

Middle Channel / QPSK



Date: 8.MAY.2025 09:57:55

Highest Channel / QPSK



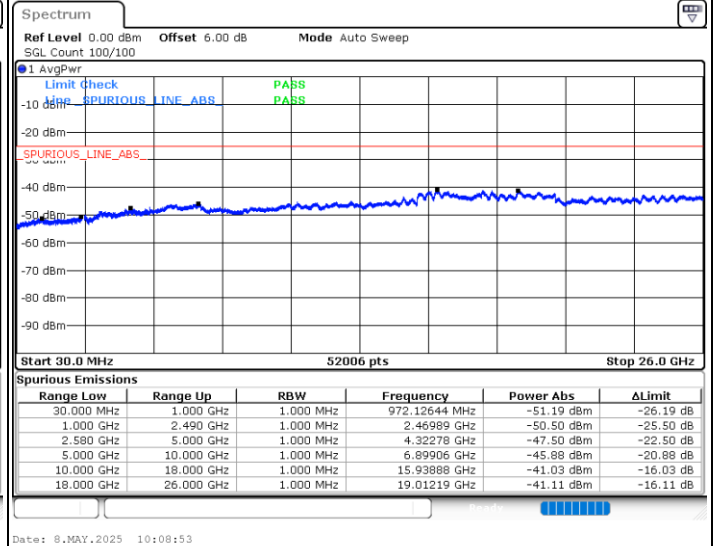
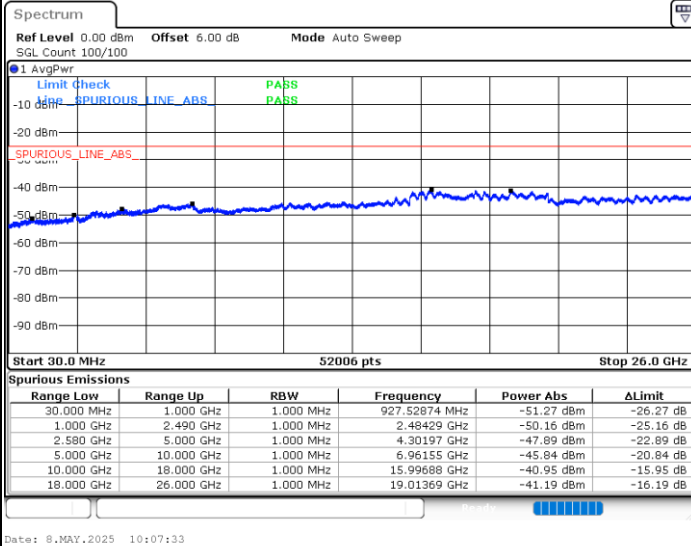
Date: 8.MAY.2025 09:59:15



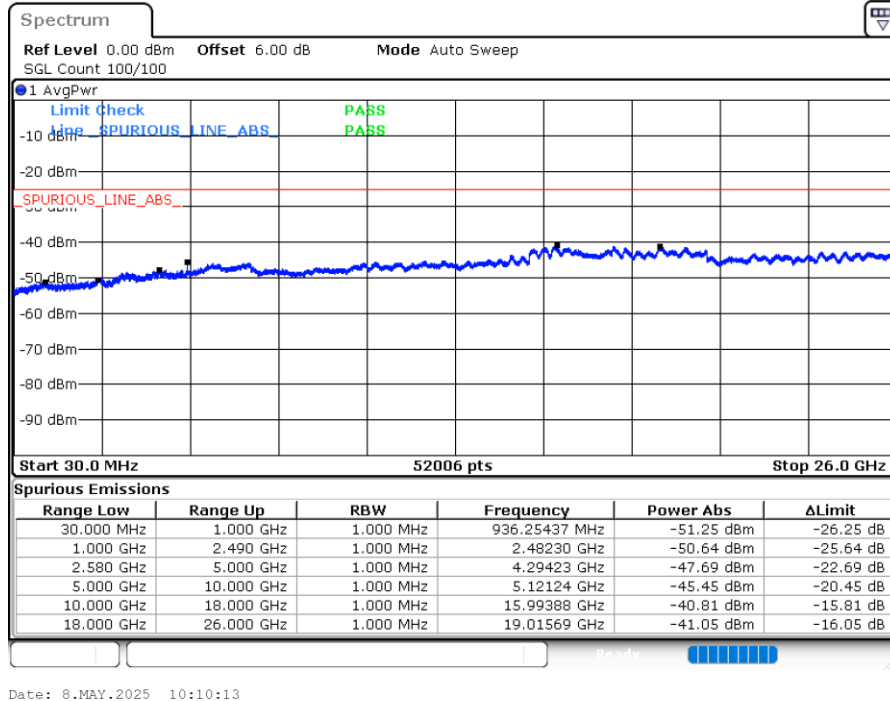
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



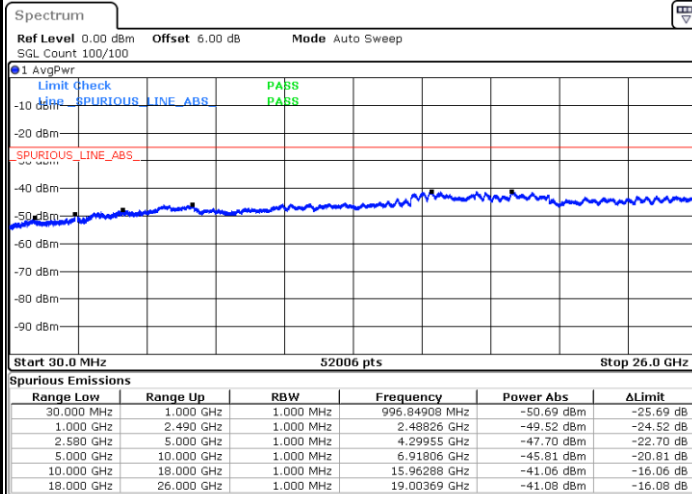
Highest Channel / QPSK





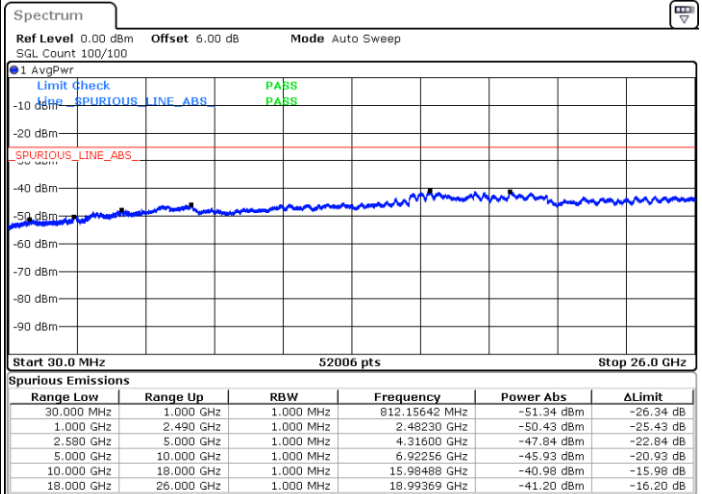
LTE Band 7 / 15MHz

Lowest Channel / QPSK



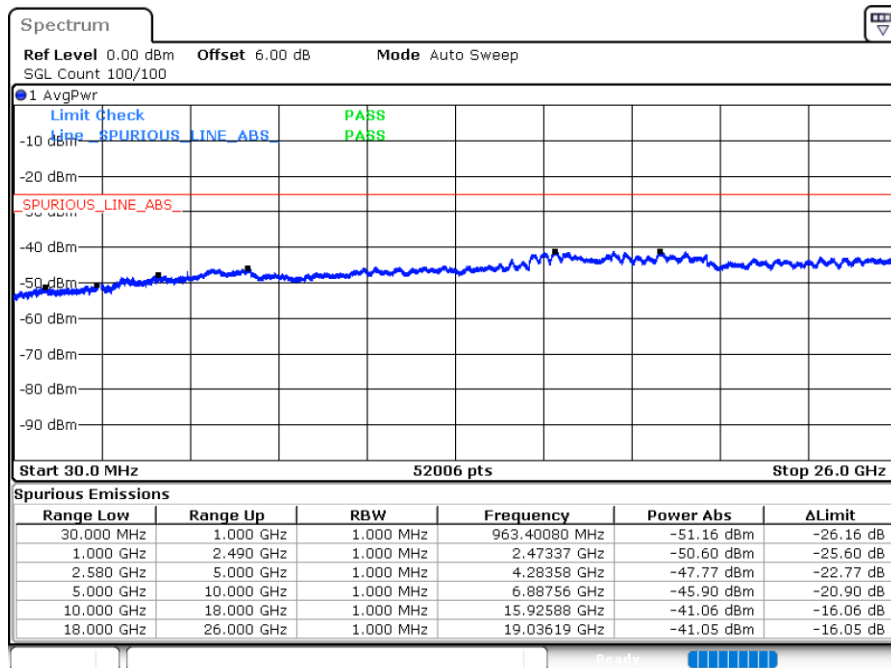
Date: 8.MAY.2025 10:12:16

Middle Channel / QPSK



Date: 8.MAY.2025 10:13:35

Highest Channel / QPSK

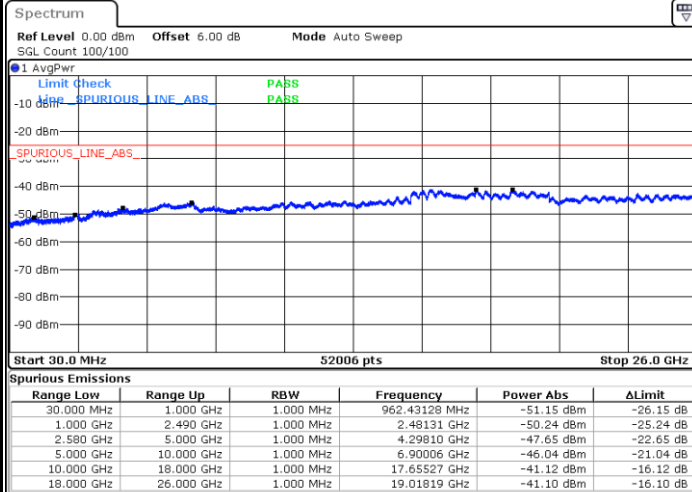


Date: 8.MAY.2025 10:14:55



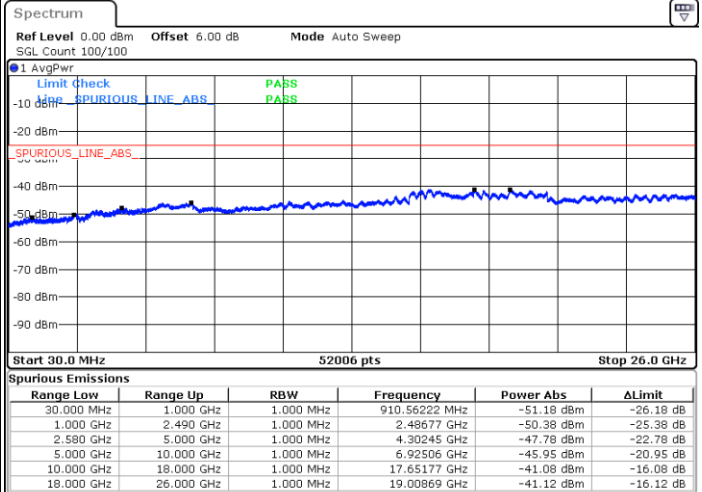
LTE Band 7 / 20MHz

Lowest Channel / QPSK



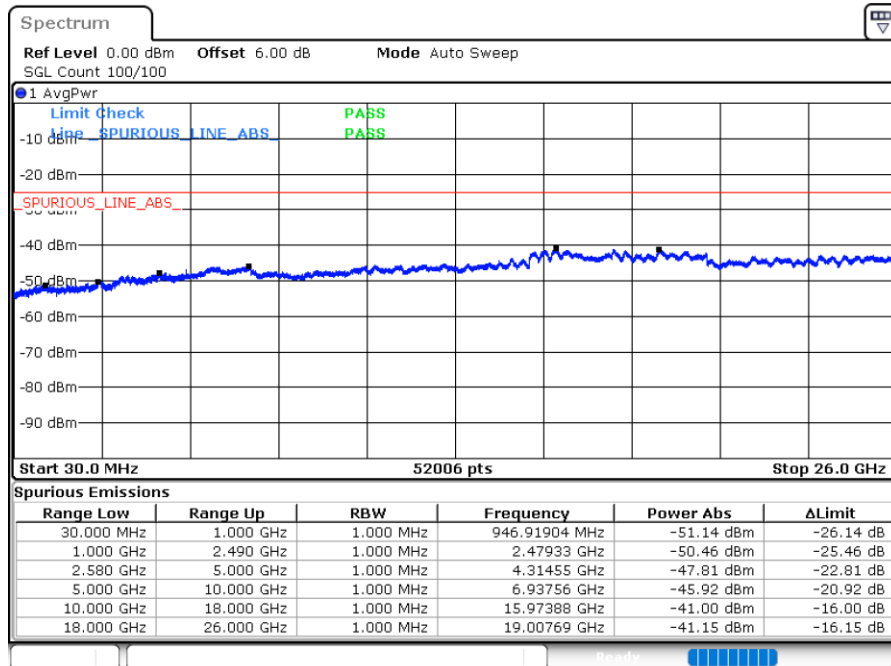
Date: 8.MAY.2025 10:17:27

Middle Channel / QPSK



Date: 8.MAY.2025 10:18:47

Highest Channel / QPSK



Date: 8.MAY.2025 10:20:07

**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	0.0024	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0015	

Note:

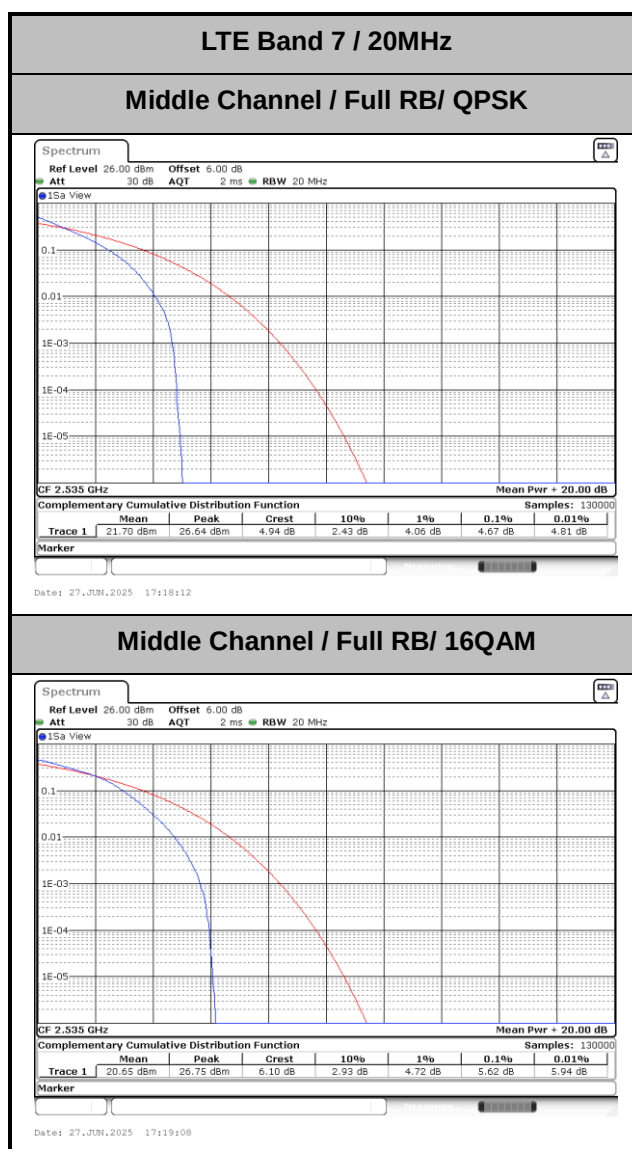
1. Normal Voltage =3.91 ; Battery End Point (BEP) =3.5 ; Maximum Voltage =4.5
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7 for Other PA

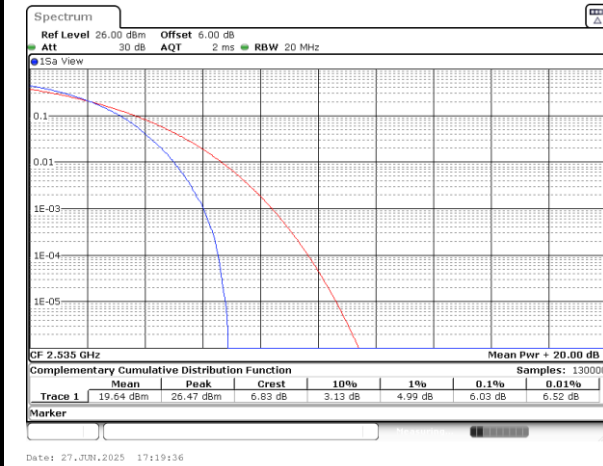
Peak-to-Average Ratio

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	4.67	5.62	6.03	6.29	PASS





Middle Channel / Full RB/ 64QAM



Middle Channel / Full RB/ 256QAM



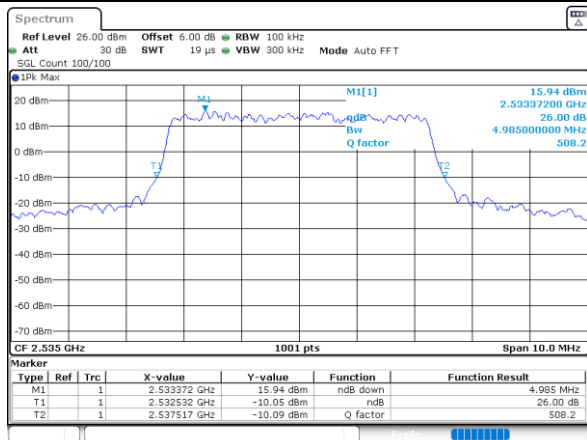


26dB Bandwidth

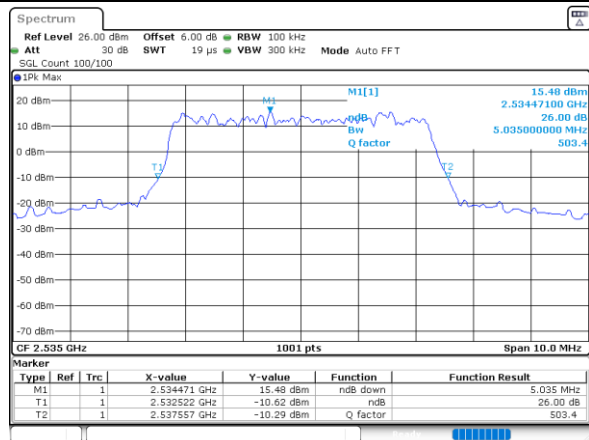
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.99	5.04	9.81	9.61	15.11	14.42	19.22	19.22

LTE Band 7

Middle Channel / 5MHz / QPSK

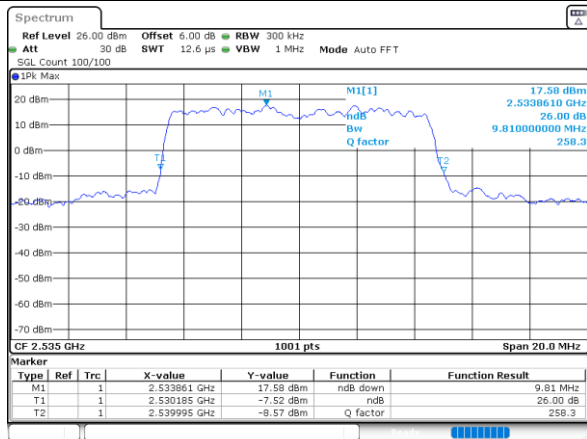


Middle Channel / 5MHz / 16QAM

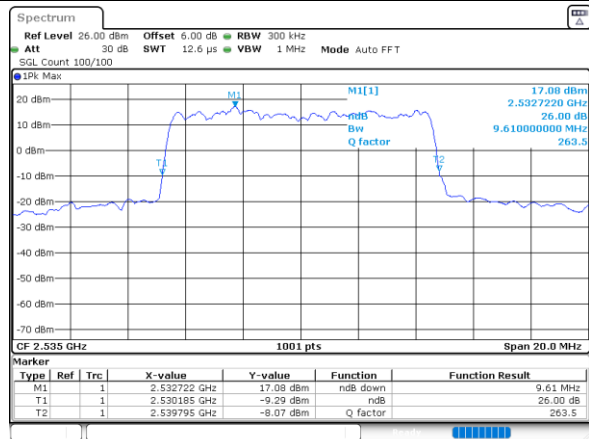


LTE Band 7

Middle Channel / 10MHz / QPSK



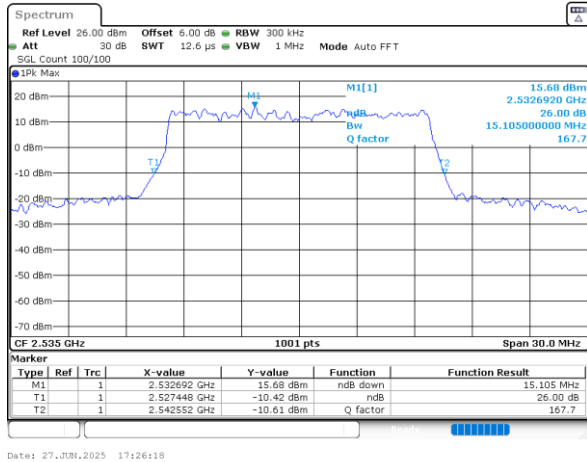
Middle Channel / 10MHz / 16QAM



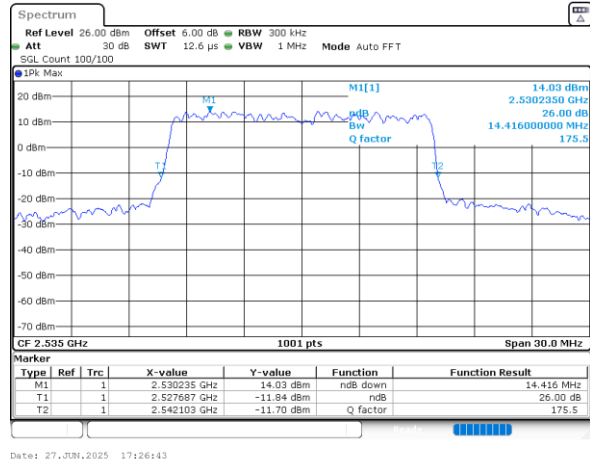


LTE Band 7

Middle Channel / 15MHz / QPSK

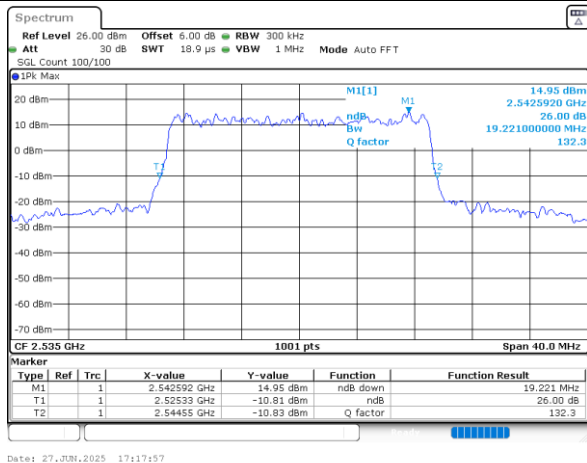


Middle Channel / 15MHz / 16QAM

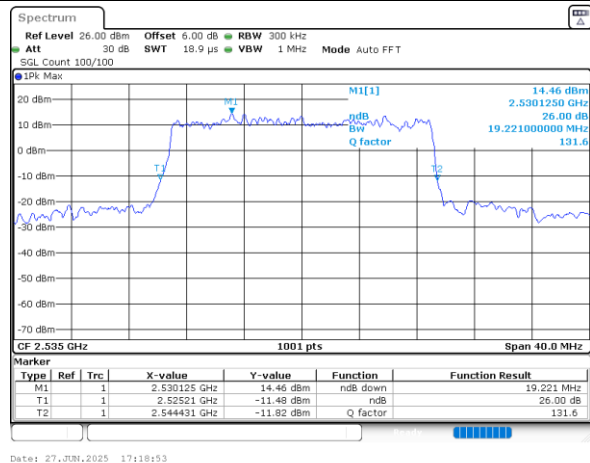


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



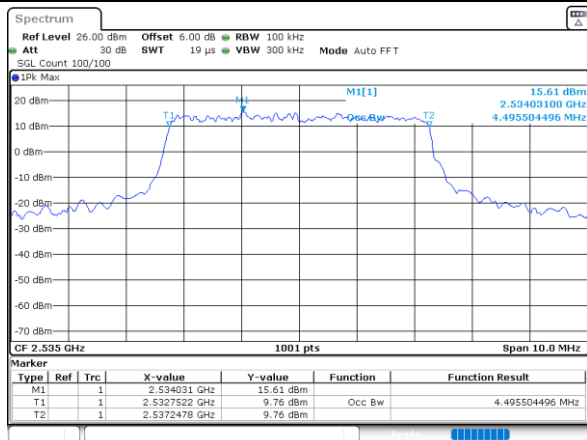


Occupied Bandwidth

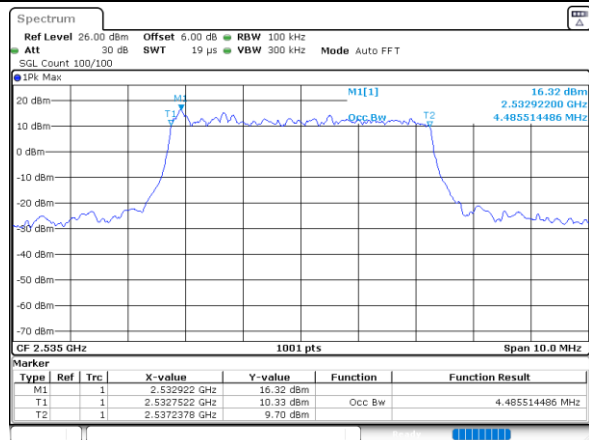
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.49	9.03	9.09	13.55	13.49	17.94	17.86

LTE Band 7

Middle Channel / 5MHz / QPSK

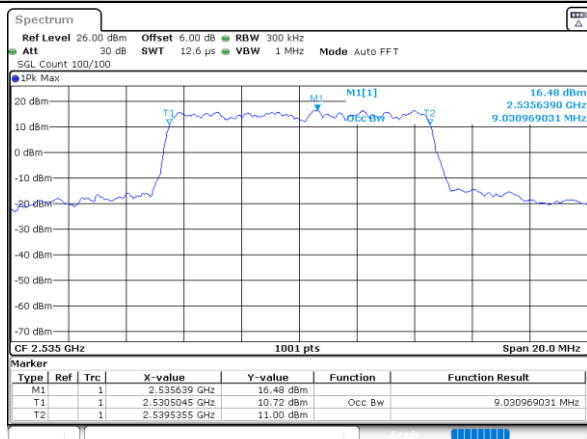


Middle Channel / 5MHz / 16QAM

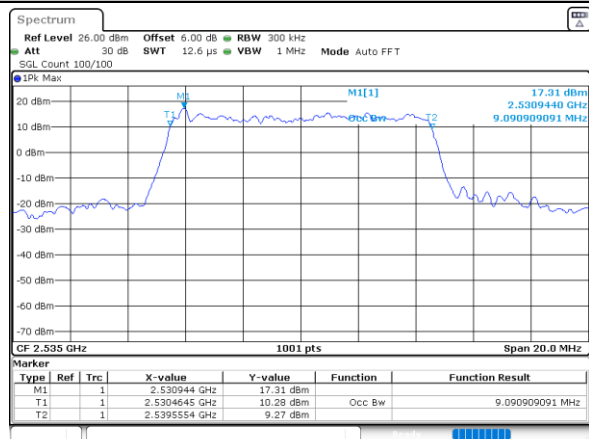


LTE Band 7

Middle Channel / 10MHz / QPSK



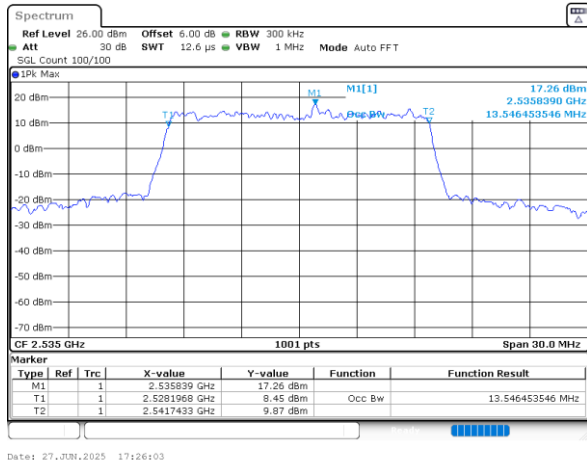
Middle Channel / 10MHz / 16QAM



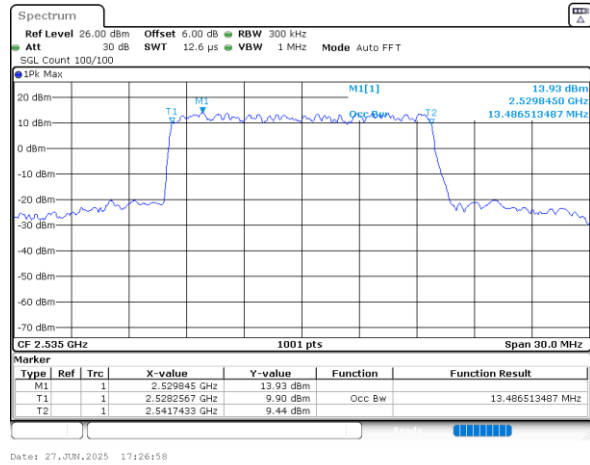


LTE Band 7

Middle Channel / 15MHz / QPSK

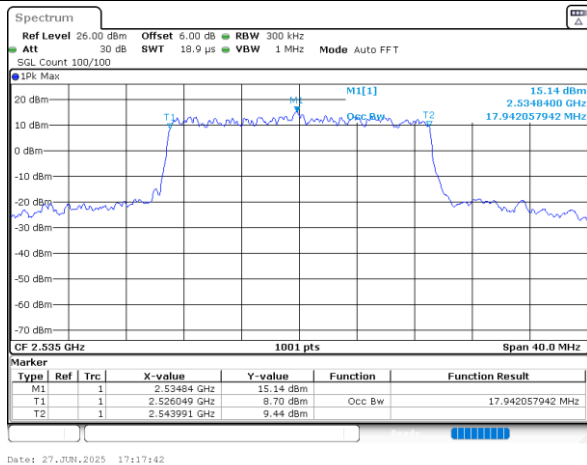


Middle Channel / 15MHz / 16QAM

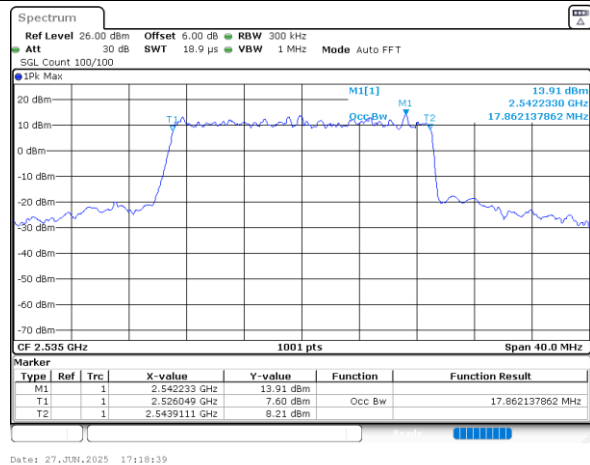


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

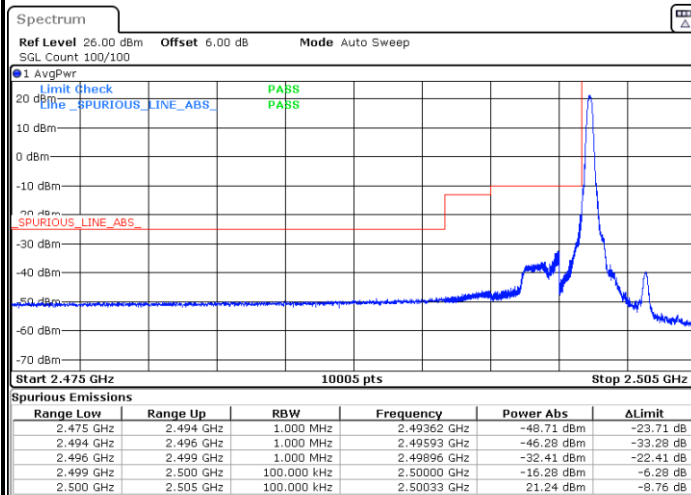




Conducted Band Edge

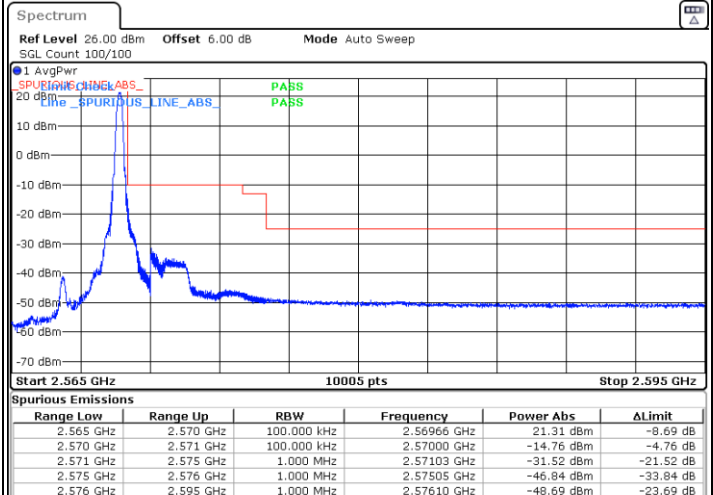
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



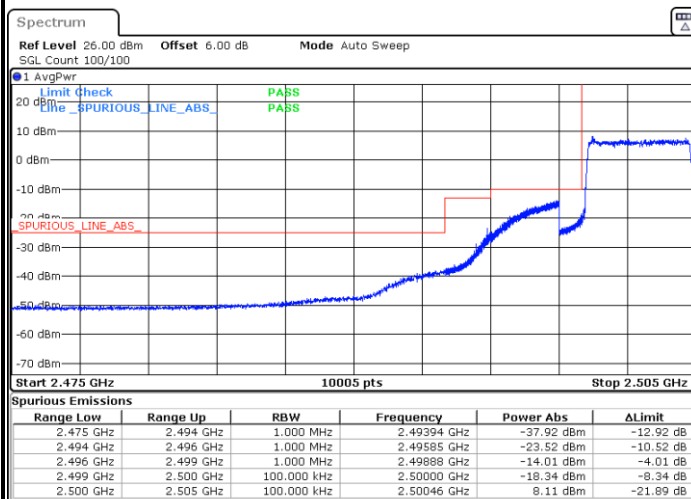
Date: 27.JUN.2025 16:20:42

Highest Band Edge / 1 RB



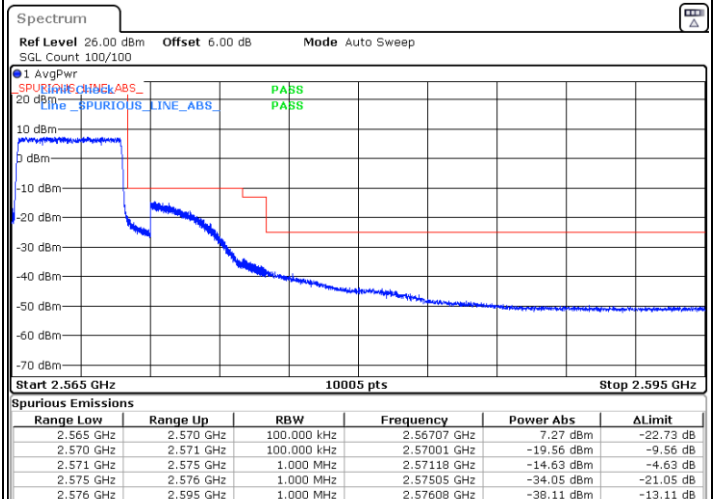
Date: 27.JUN.2025 16:26:44

Lowest Band Edge / Full RB



Date: 27.JUN.2025 16:17:30

Highest Band Edge / Full RB

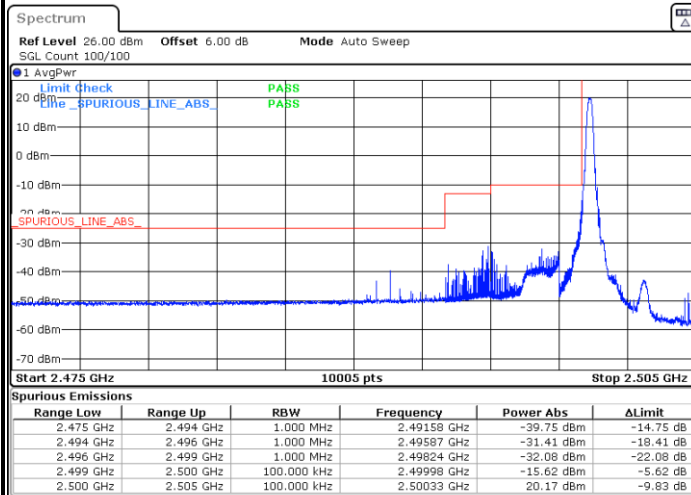


Date: 27.JUN.2025 16:29:33

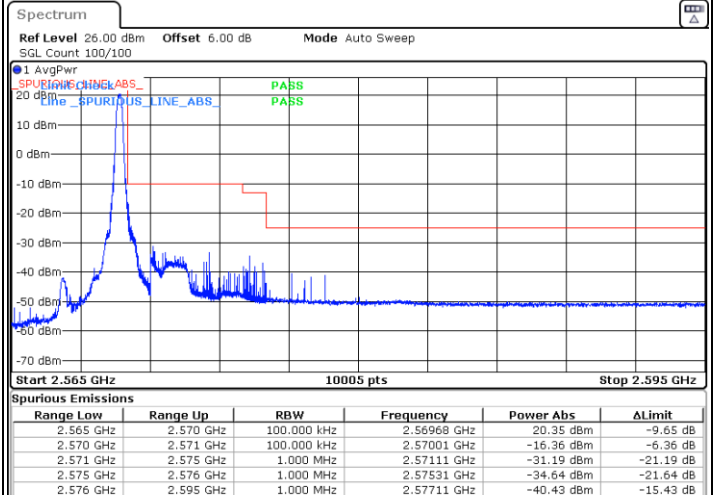


LTE Band 7 / 5MHz / 16QAM

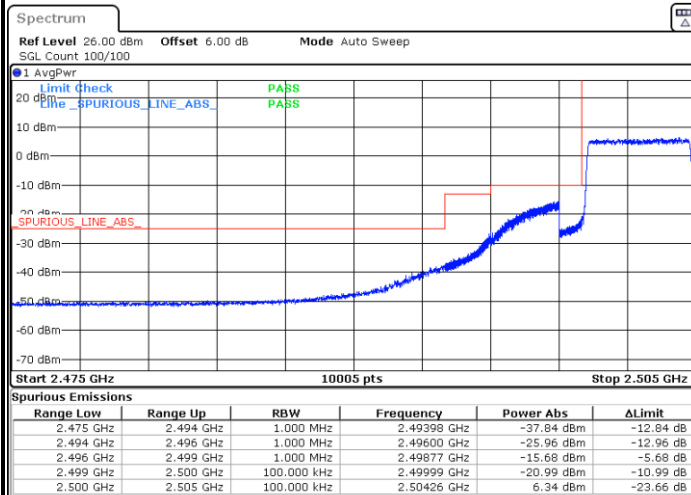
Lowest Band Edge / 1RB



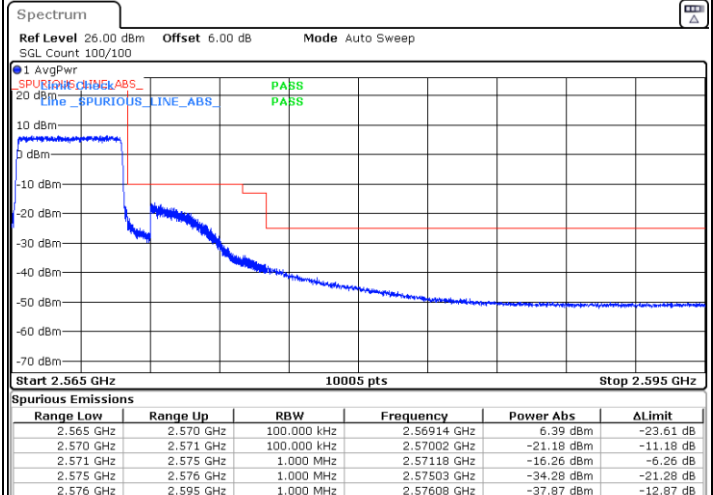
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



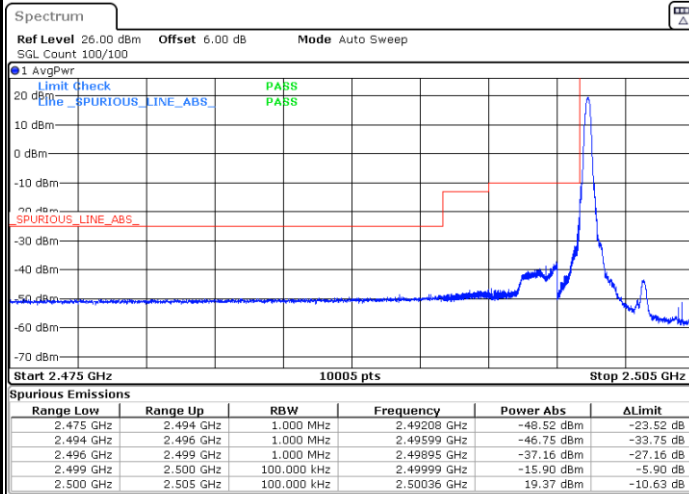
Highest Band Edge / Full RB





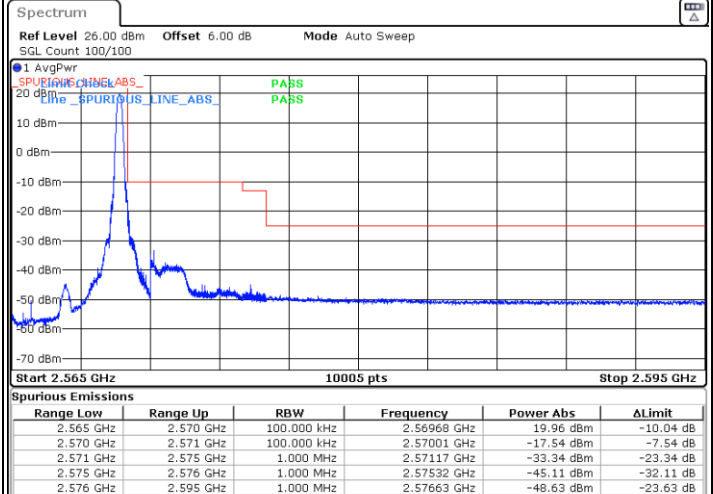
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



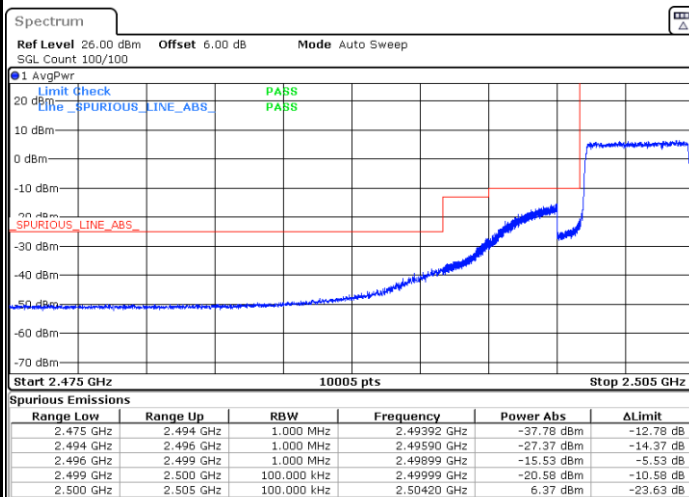
Date: 27.JUN.2025 16:22:05

Highest Band Edge / 1 RB



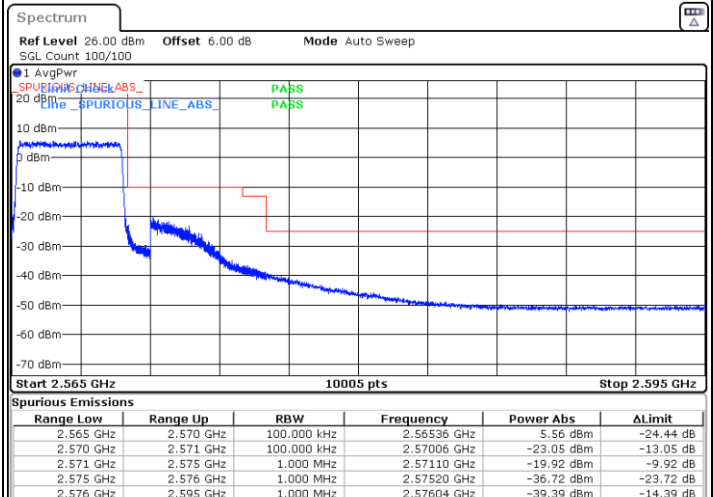
Date: 27.JUN.2025 16:28:08

Lowest Band Edge / Full RB



Date: 27.JUN.2025 16:19:14

Highest Band Edge / Full RB

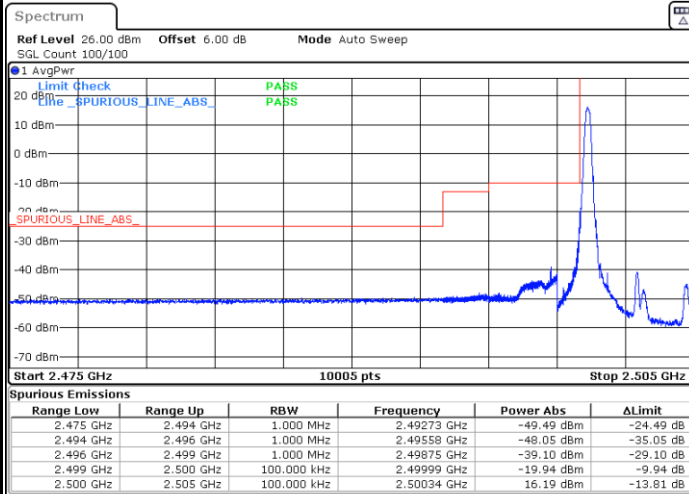


Date: 27.JUN.2025 16:30:56

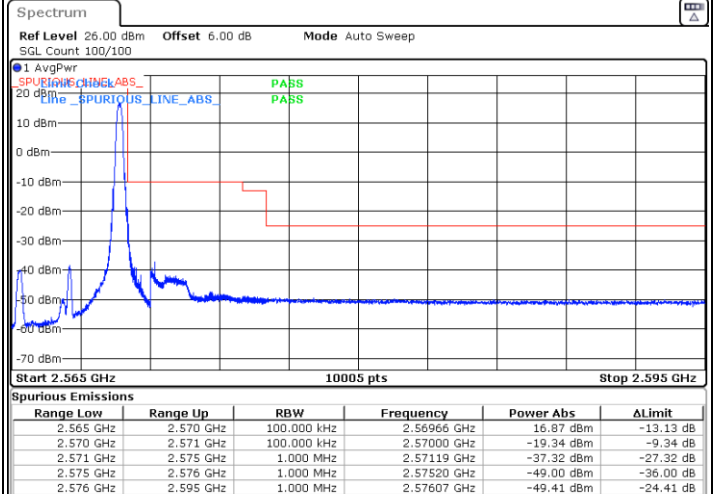


LTE Band 7 / 5MHz / 256QAM

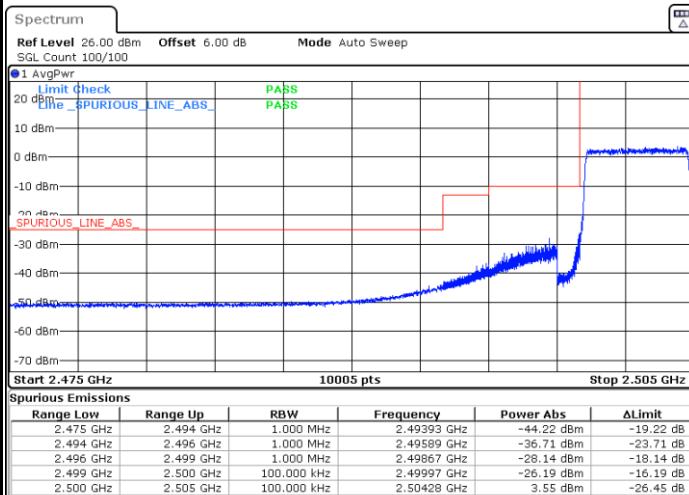
Lowest Band Edge / 1RB



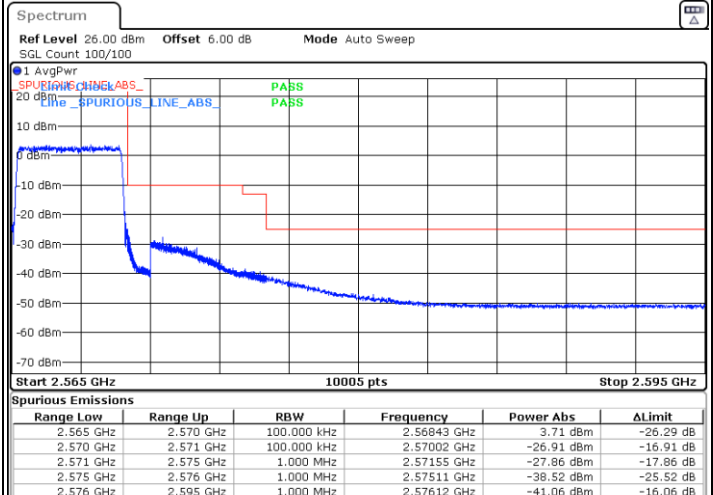
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



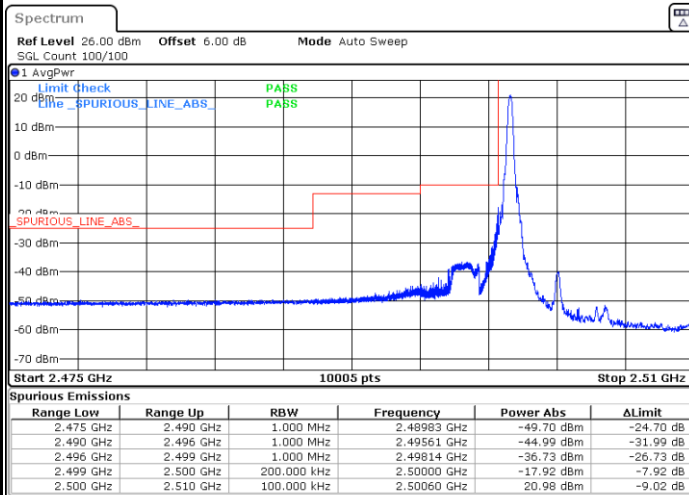
Highest Band Edge / Full RB



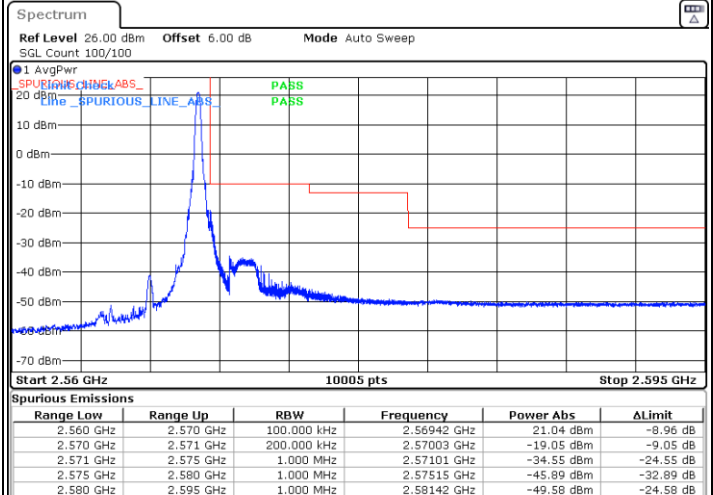


LTE Band 7 / 10MHz / QPSK

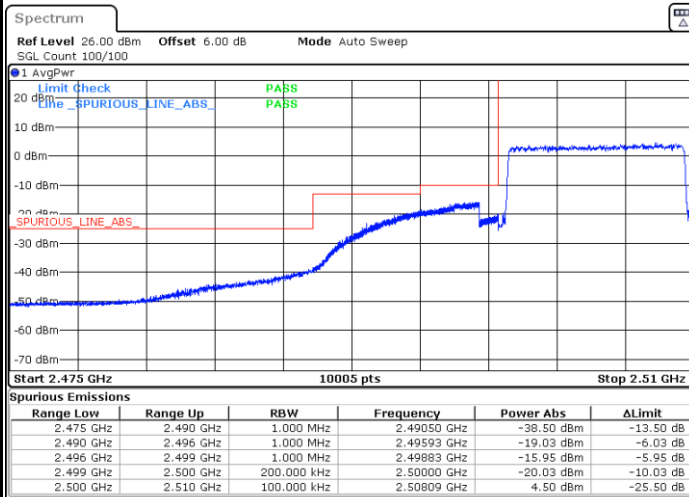
Lowest Band Edge / 1 RB



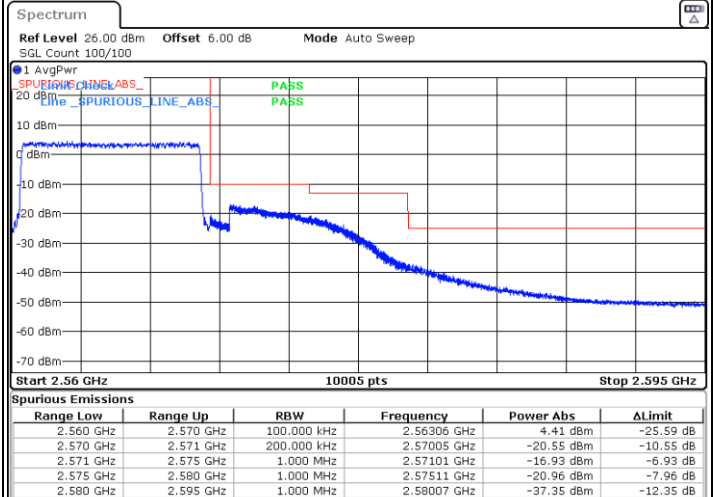
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



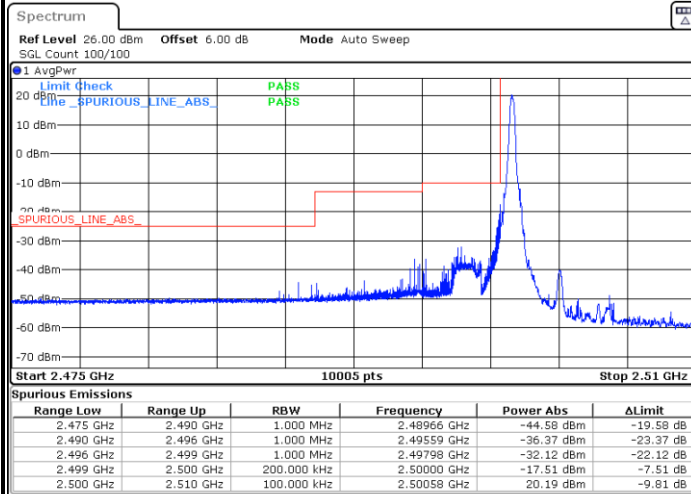
Highest Band Edge / Full RB



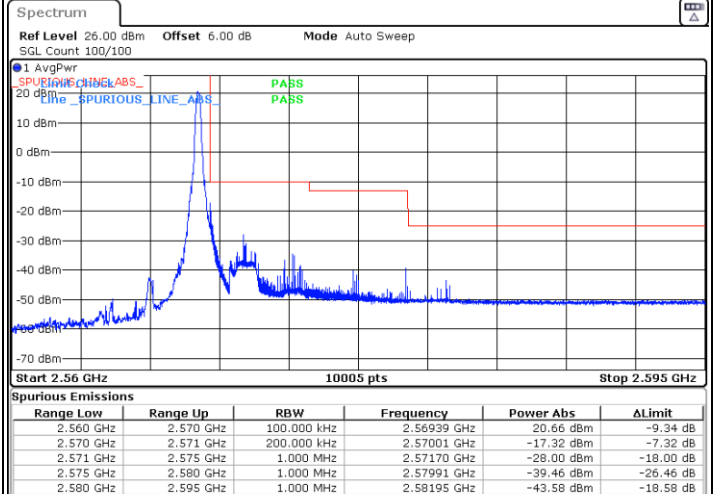


LTE Band 7 / 10MHz / 16QAM

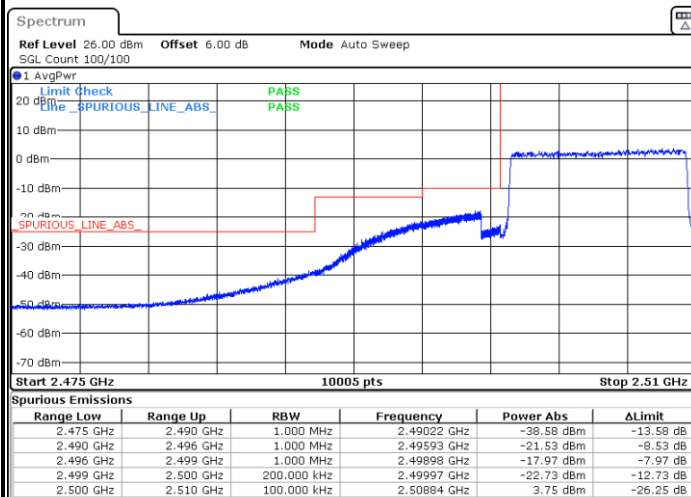
Lowest Band Edge / 1 RB



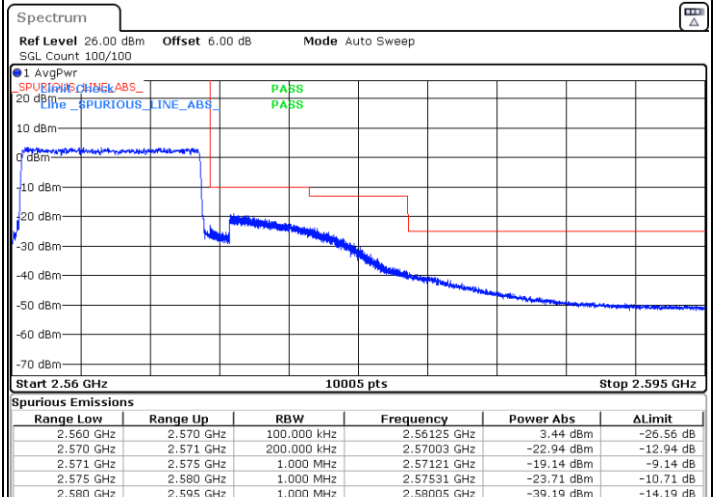
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



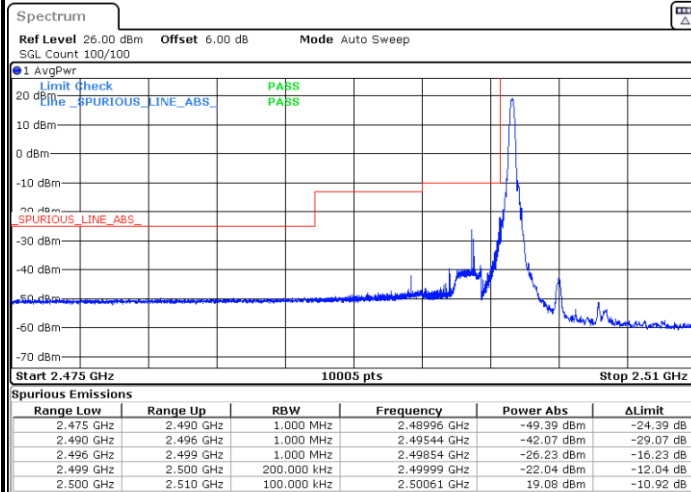
Highest Band Edge / Full RB





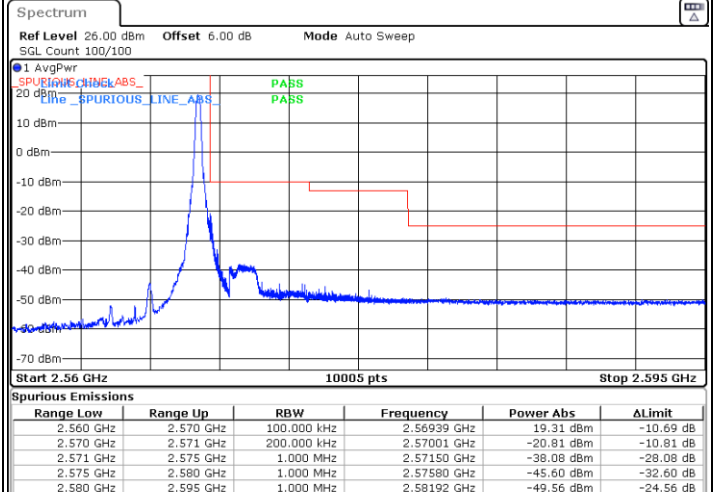
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



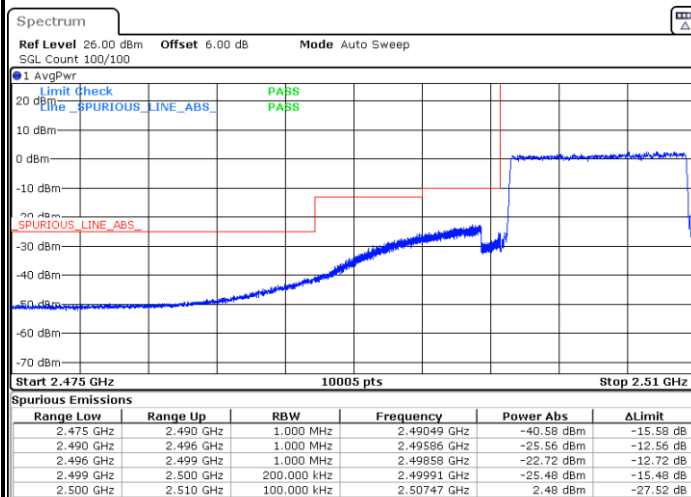
Date: 27.JUN.2025 16:37:18

Highest Band Edge / 1 RB



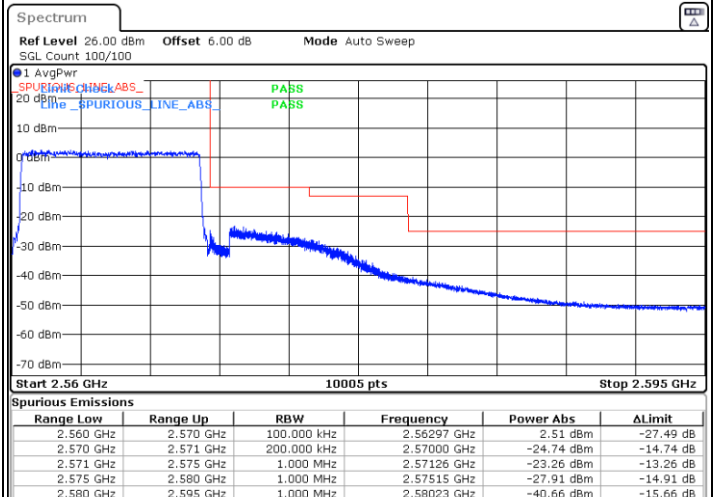
Date: 27.JUN.2025 16:43:19

Lowest Band Edge / Full RB



Date: 27.JUN.2025 16:34:29

Highest Band Edge / Full RB

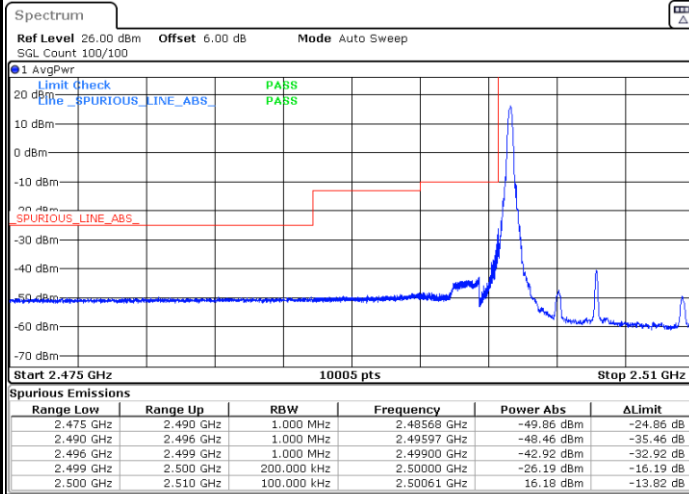


Date: 27.JUN.2025 16:46:07

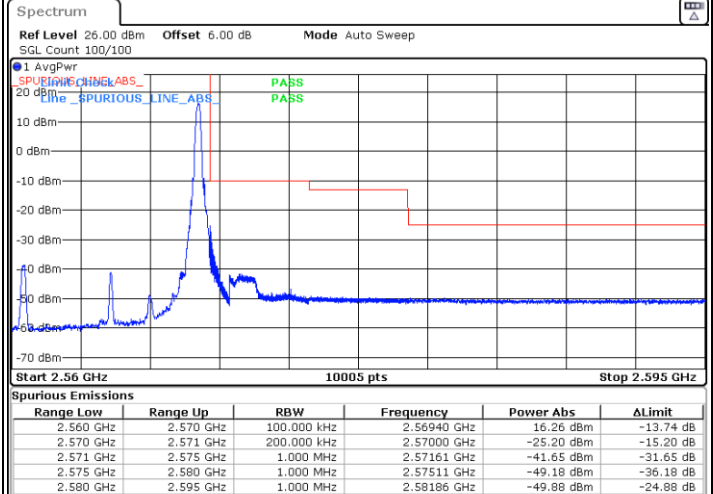


LTE Band 7 / 10MHz / 256QAM

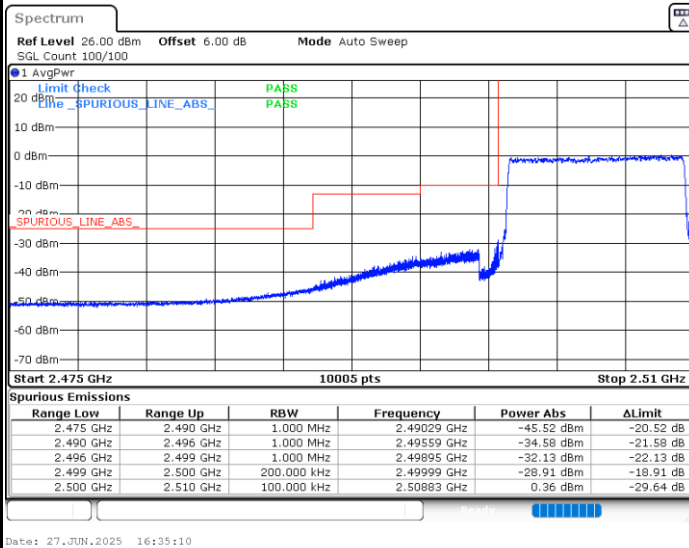
Lowest Band Edge / 1 RB



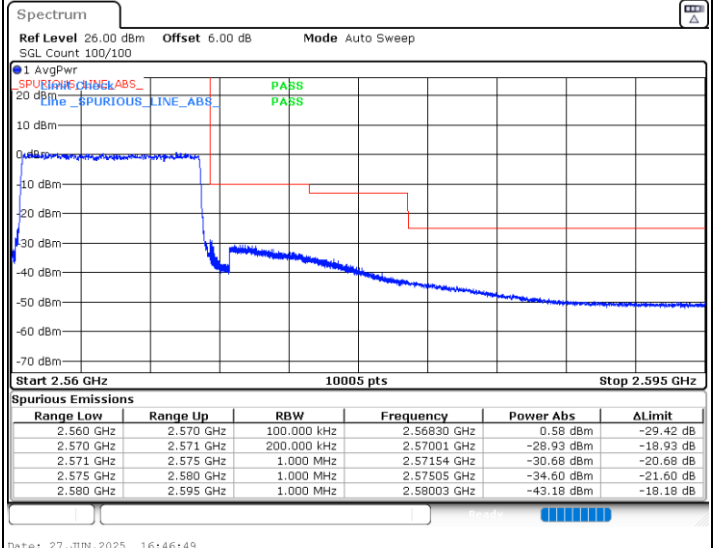
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



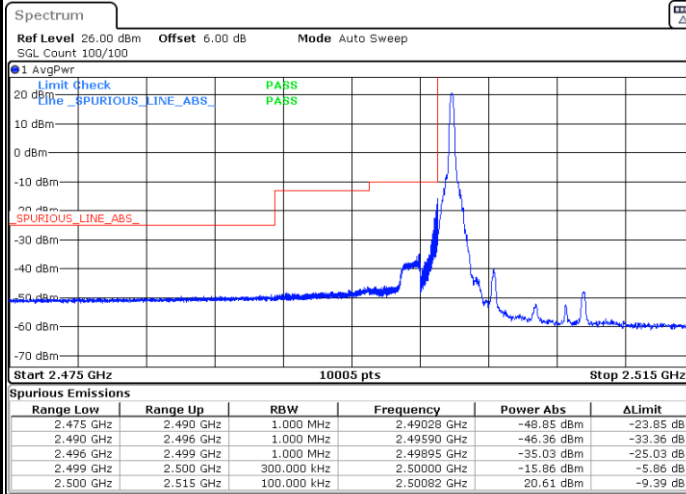
Highest Band Edge / Full RB



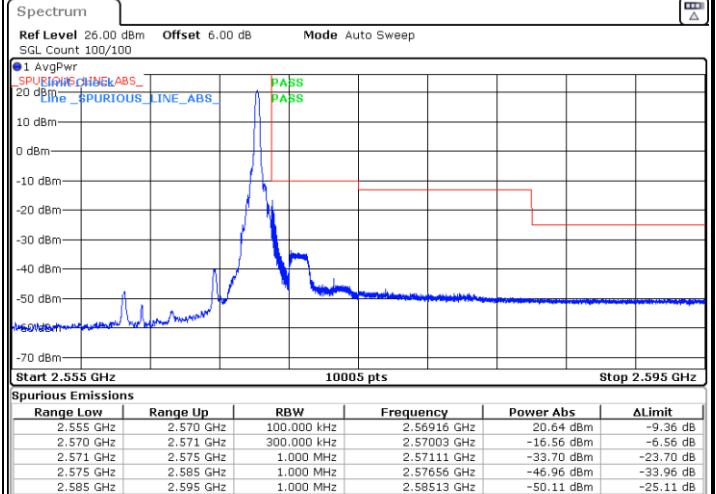


LTE Band 7 / 15MHz / QPSK

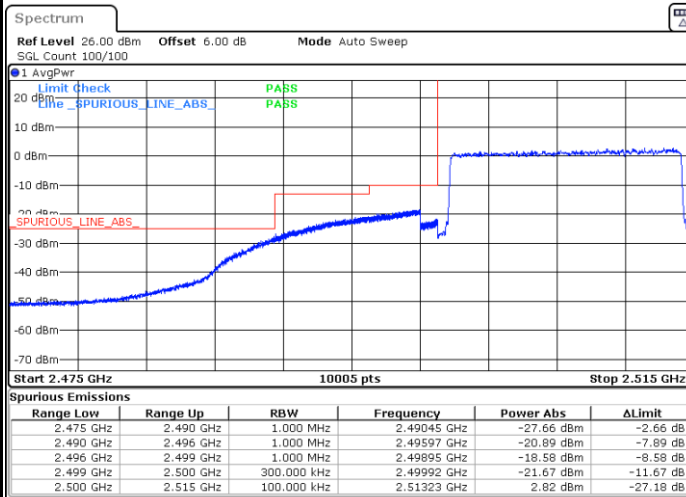
Lowest Band Edge / 1 RB



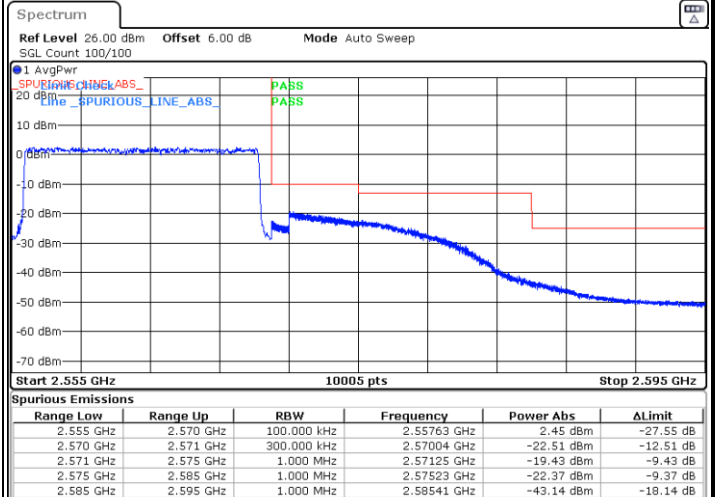
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



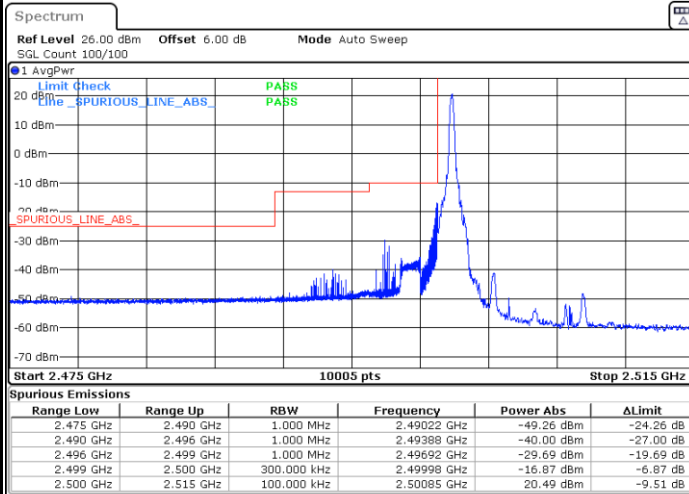
Highest Band Edge / Full RB



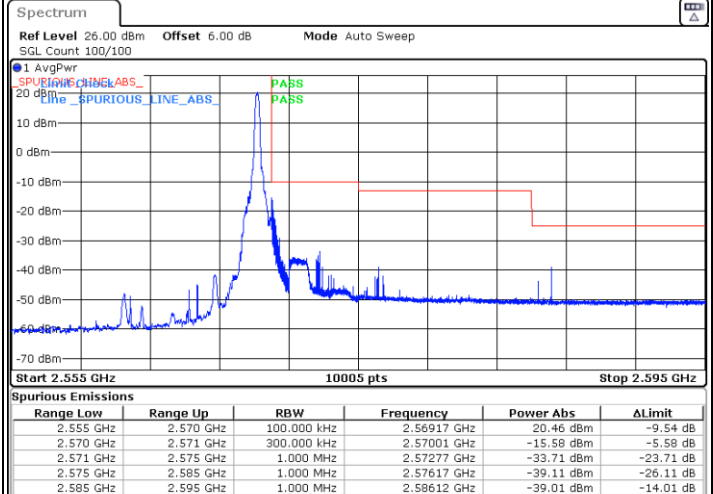


LTE Band 7 / 15MHz / 16QAM

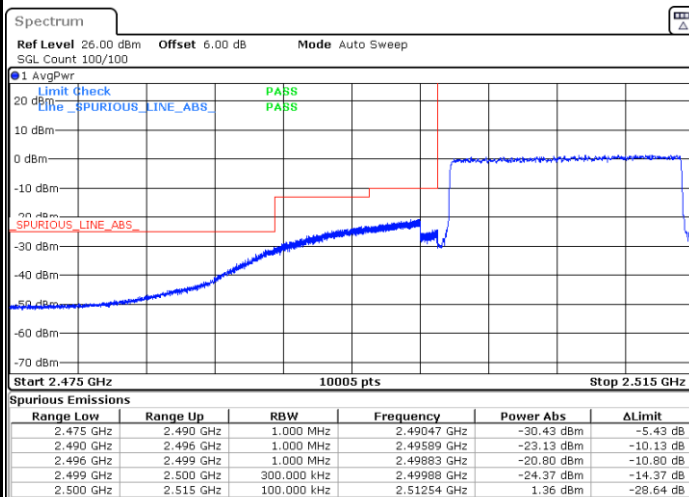
Lowest Band Edge / 1 RB



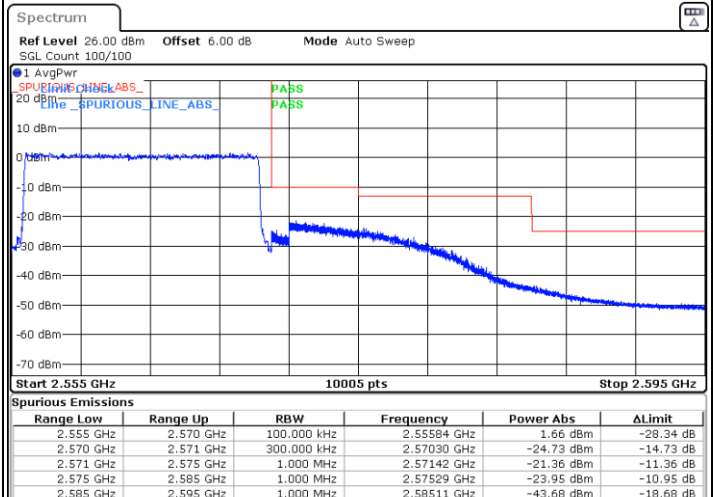
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



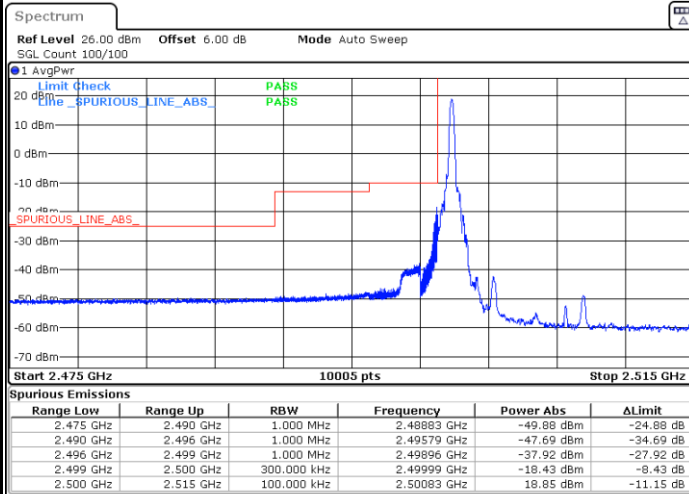
Highest Band Edge / Full RB



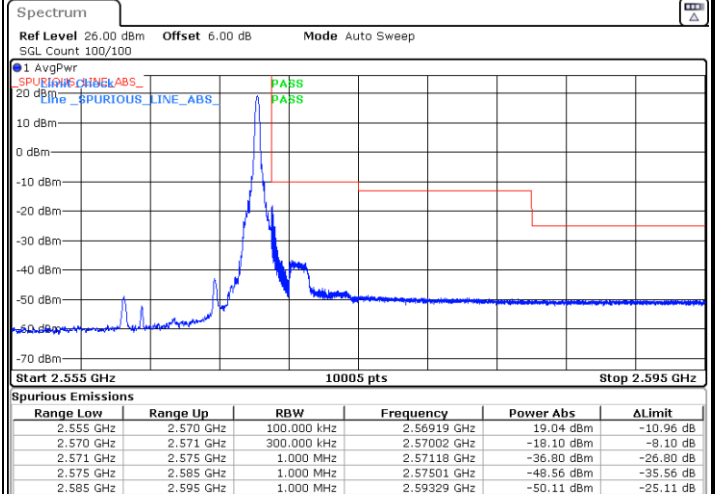


LTE Band 7 / 15MHz / 64QAM

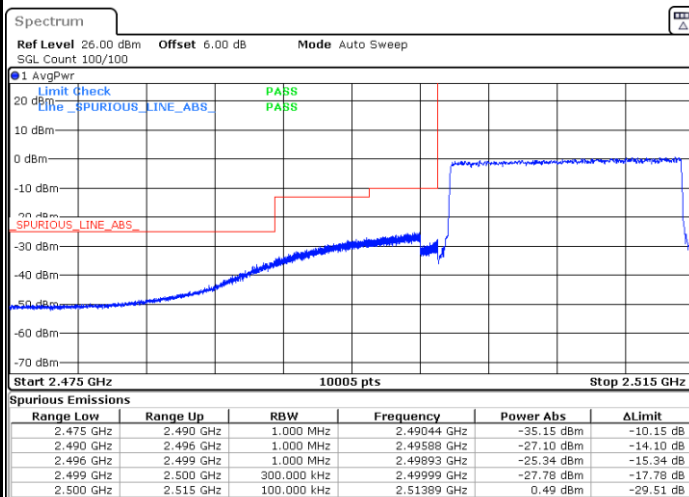
Lowest Band Edge / 1 RB



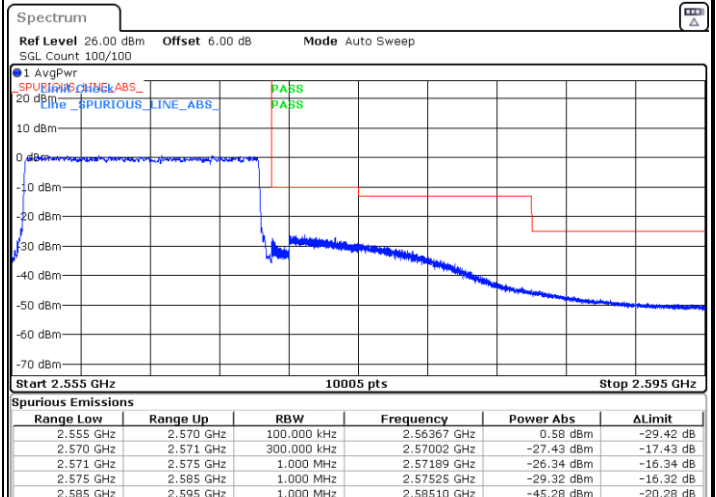
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



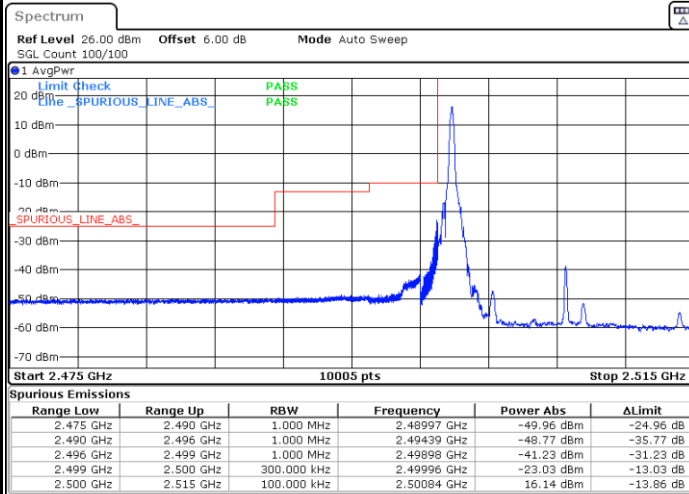
Highest Band Edge / Full RB



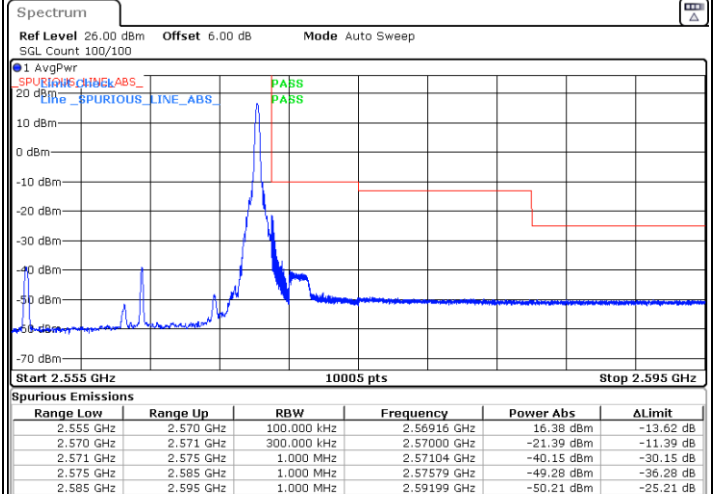


LTE Band 7 / 15MHz / 256QAM

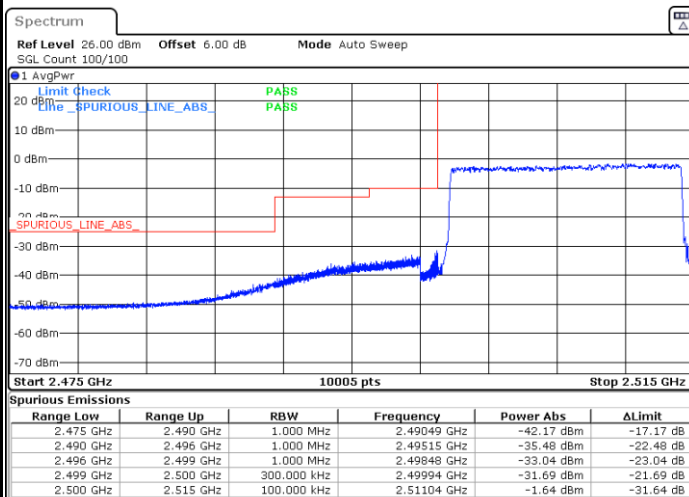
Lowest Band Edge / 1 RB



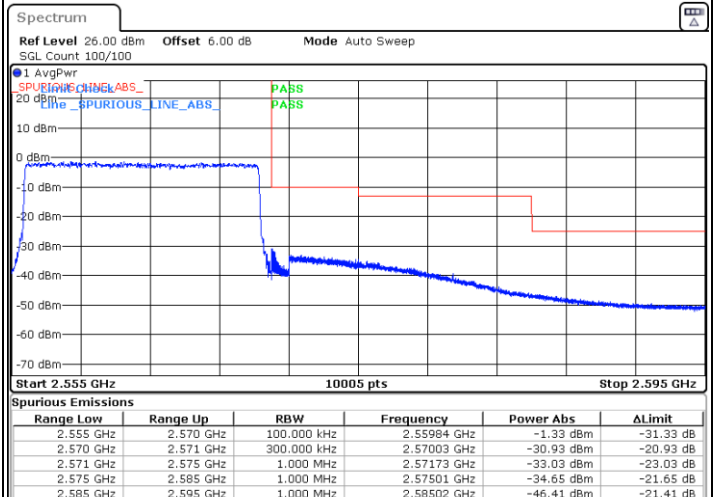
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



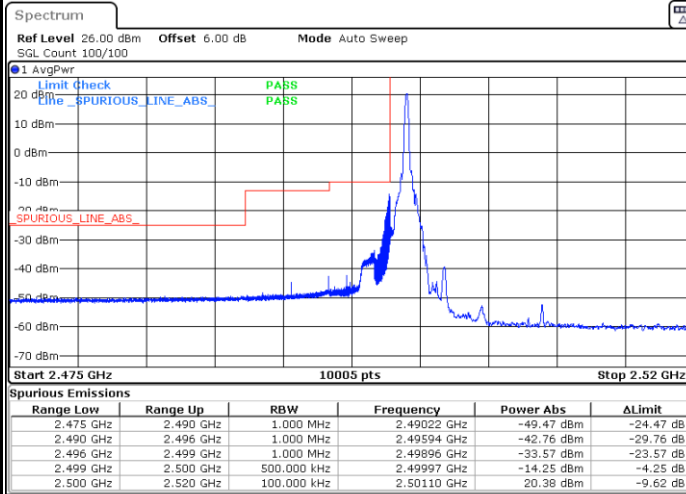
Highest Band Edge / Full RB



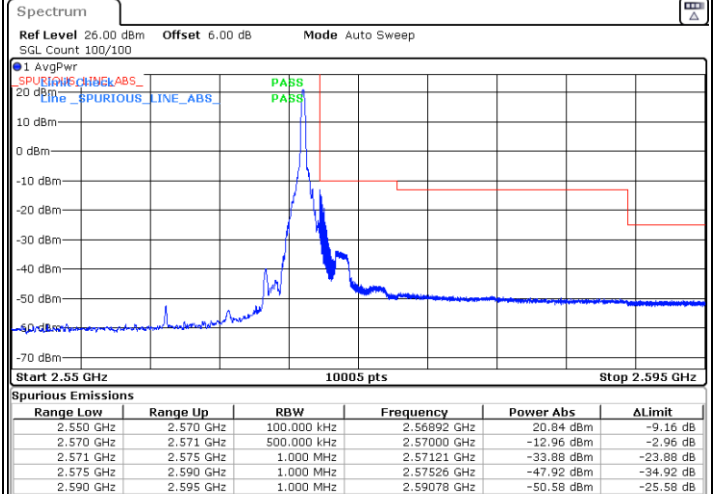


LTE Band 7 / 20MHz / QPSK

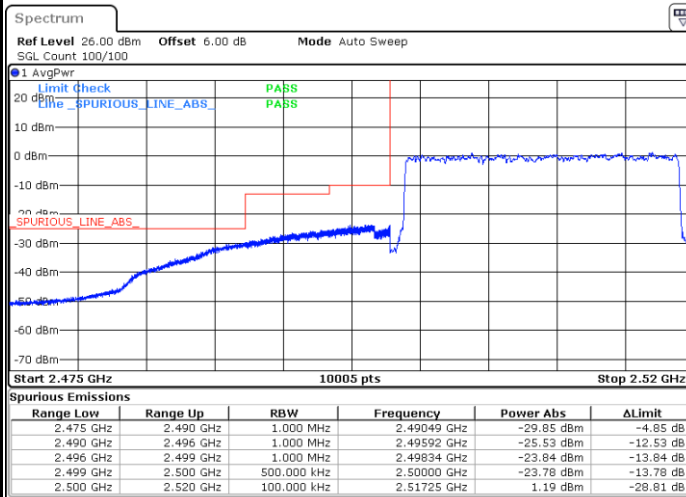
Lowest Band Edge / 1 RB



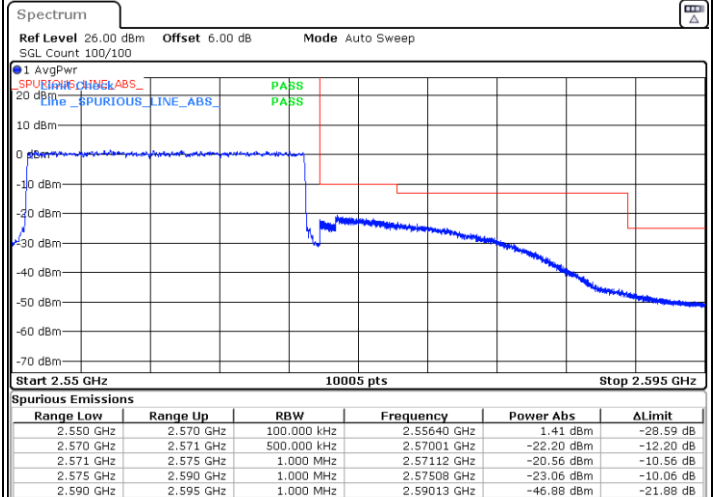
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



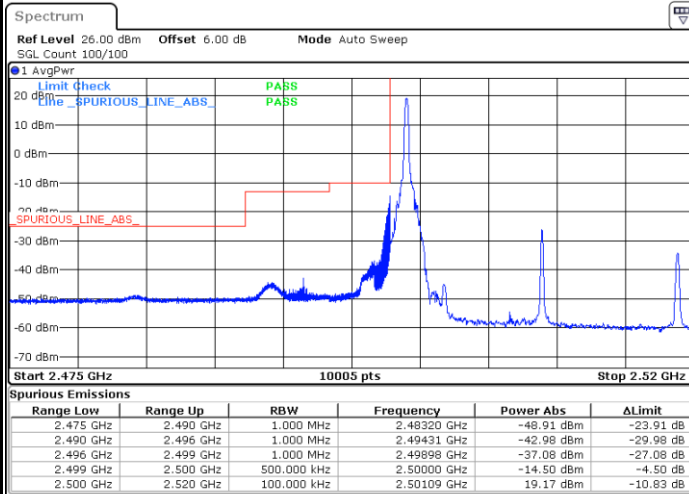
Highest Band Edge / Full RB



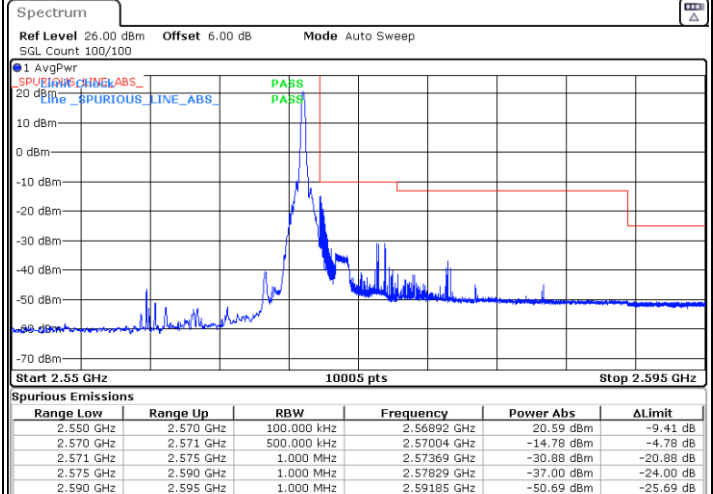


LTE Band 7 / 20MHz / 16QAM

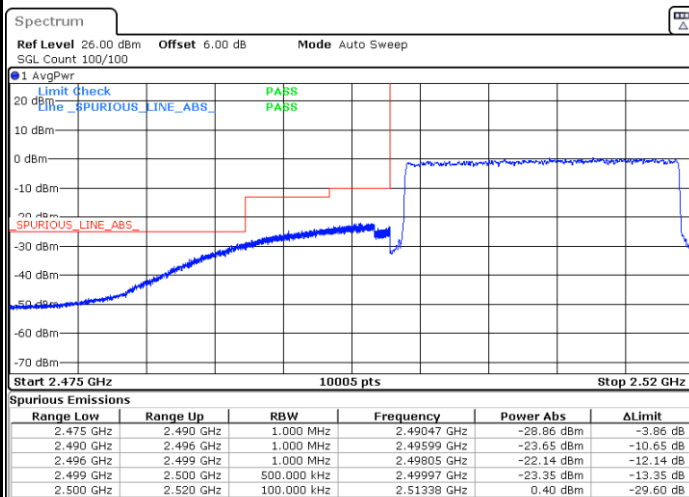
Lowest Band Edge / 1 RB



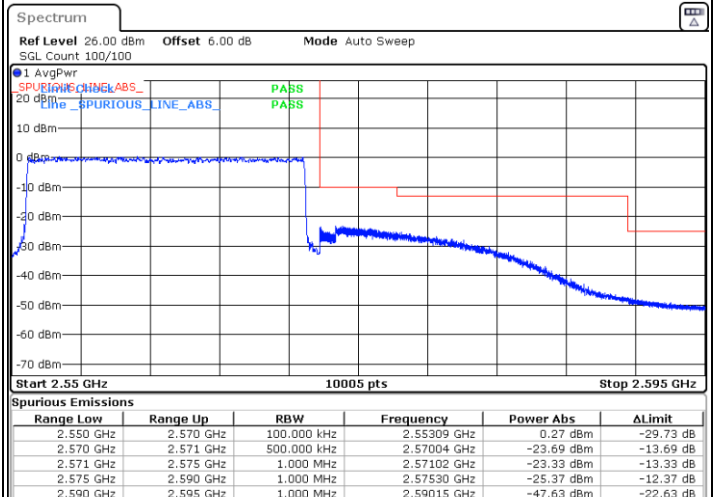
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



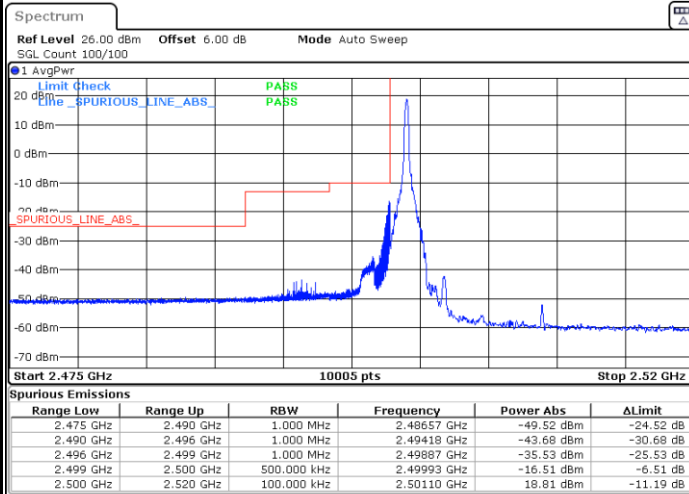
Highest Band Edge / Full RB



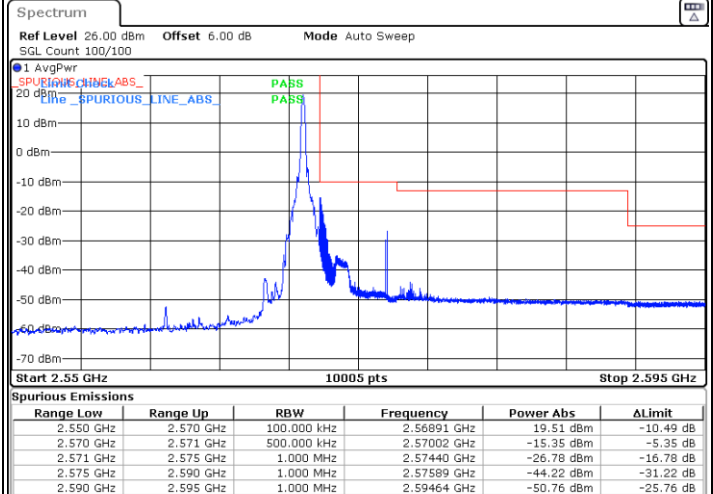


LTE Band 7 / 20MHz / 64QAM

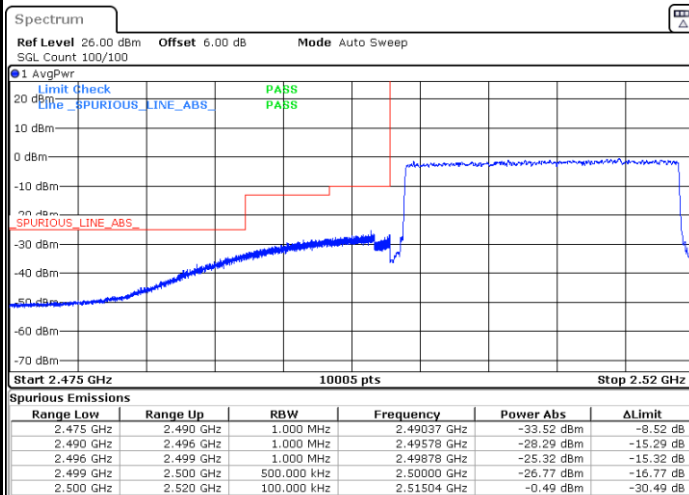
Lowest Band Edge / 1 RB



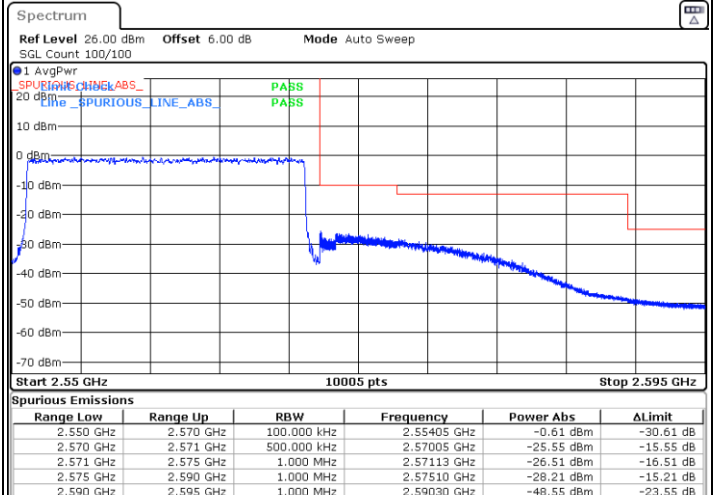
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



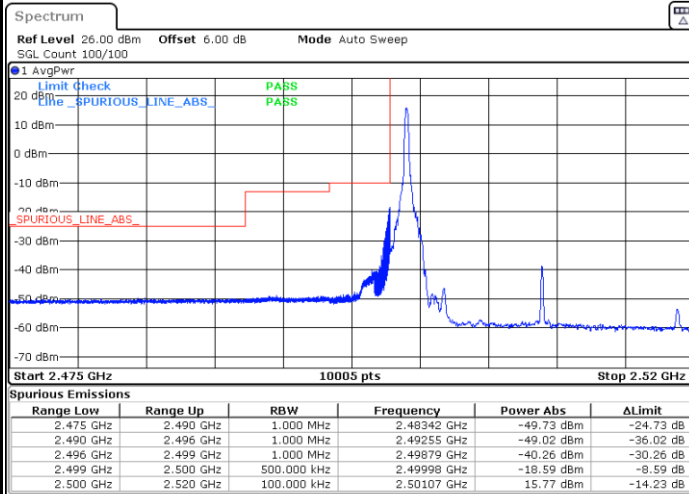
Highest Band Edge / Full RB



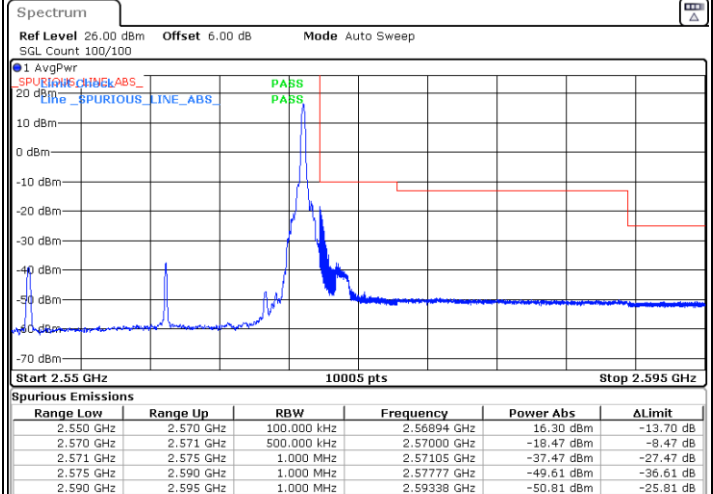


LTE Band 7 / 20MHz / 256QAM

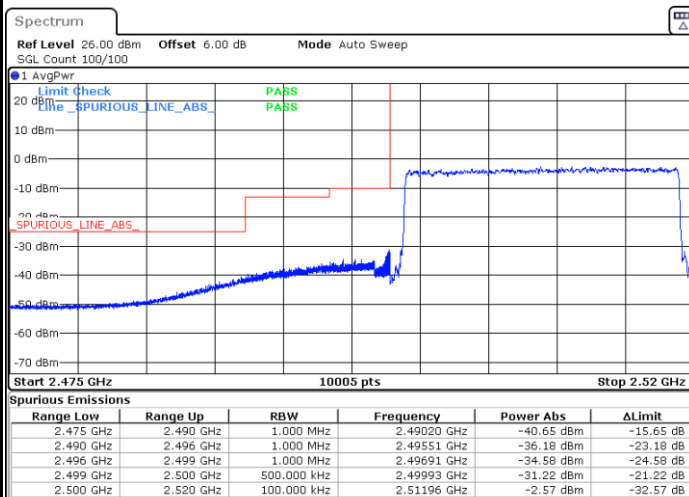
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

