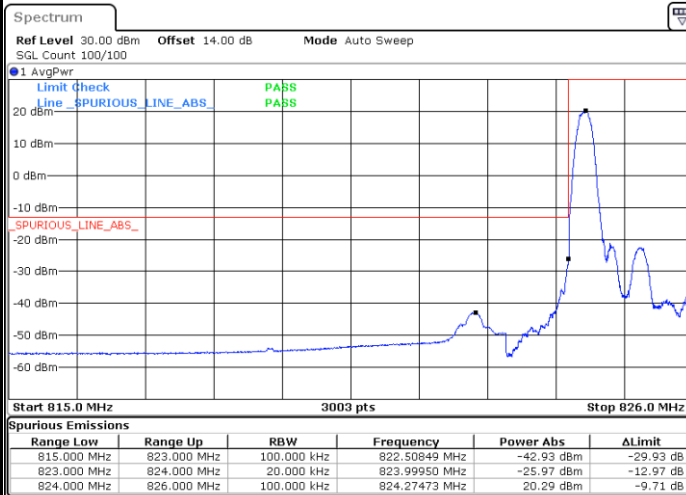




Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



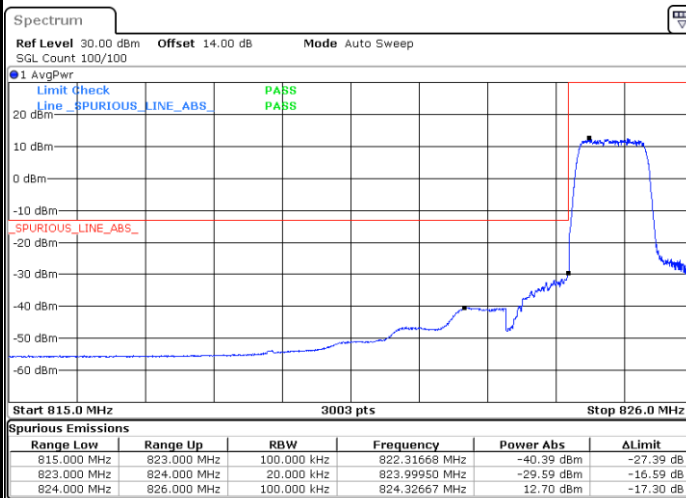
Date: 29.SEP.2025 15:18:45

Highest Band Edge / 1RB



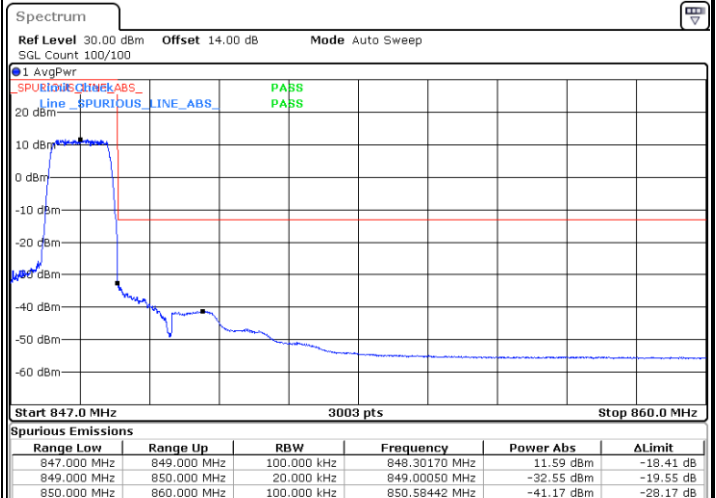
Date: 29.SEP.2025 15:10:07

Lowest Band Edge / Full RB



Date: 29.SEP.2025 15:20:24

Highest Band Edge / Full RB

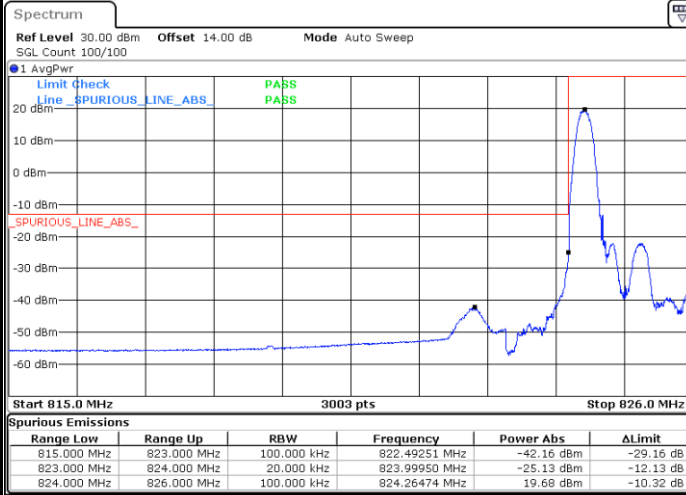


Date: 29.SEP.2025 15:11:50



LTE Band 5 / 1.4MHz / 16QAM

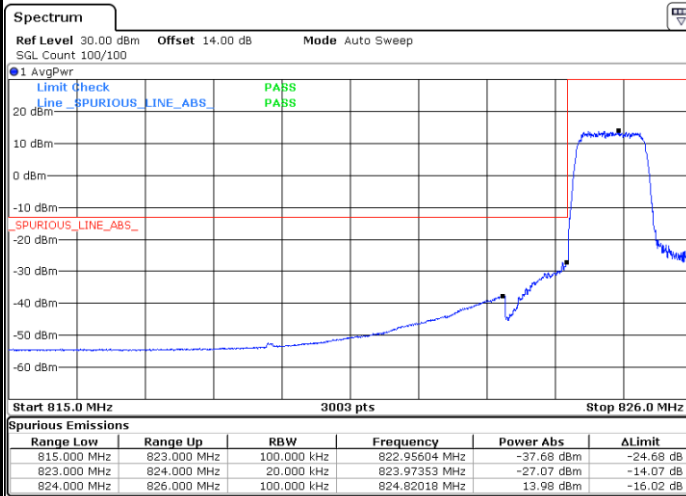
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



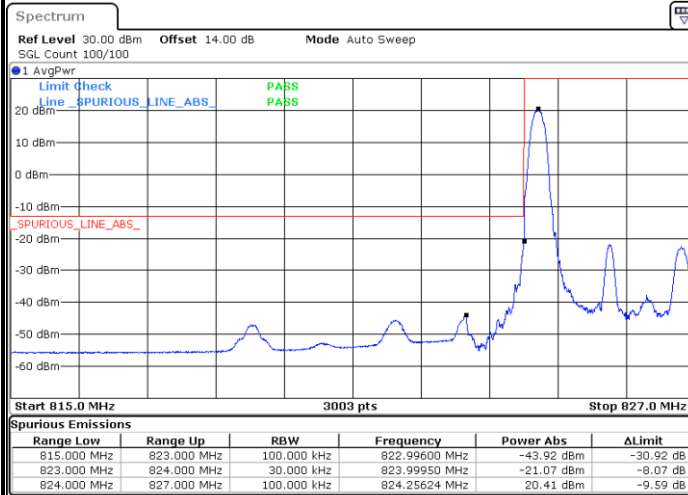
Highest Band Edge / Full RB



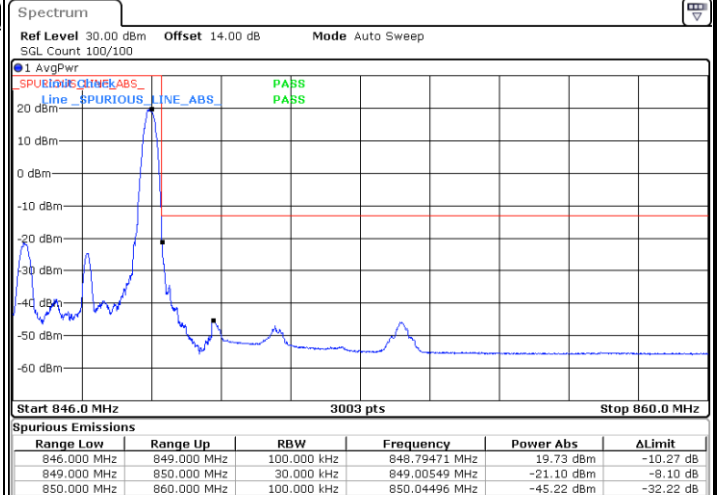


LTE Band 5 / 3MHz / QPSK

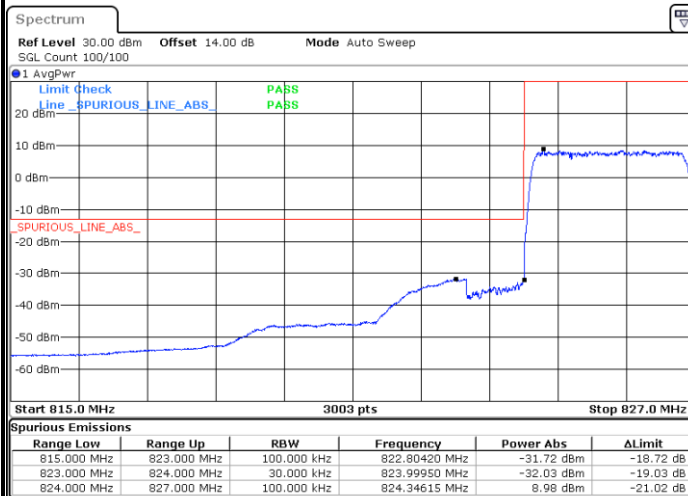
Lowest Band Edge / 1RB



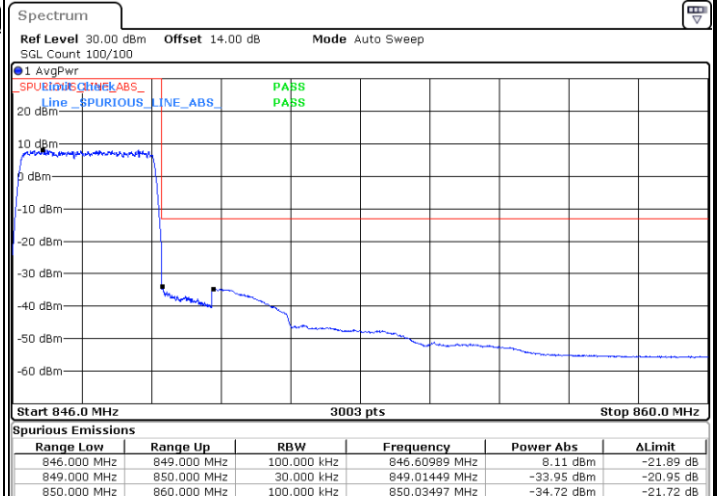
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



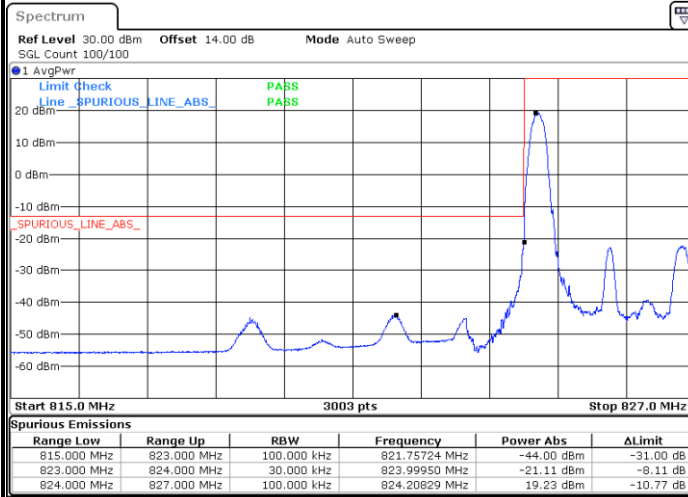
Highest Band Edge / Full RB



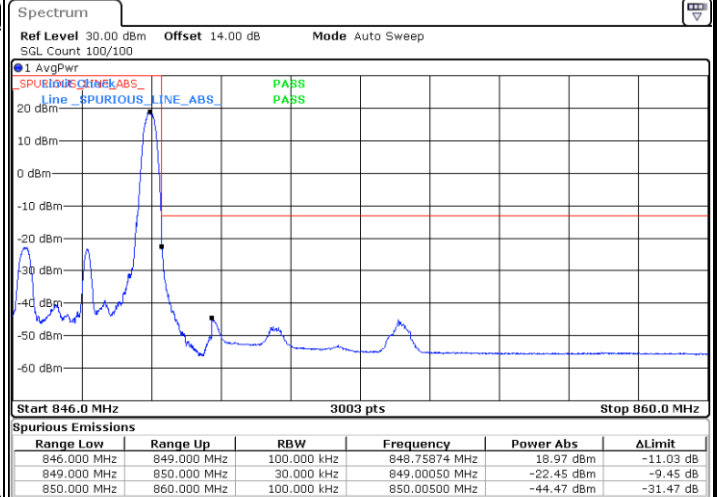


LTE Band 5 / 3MHz / 16QAM

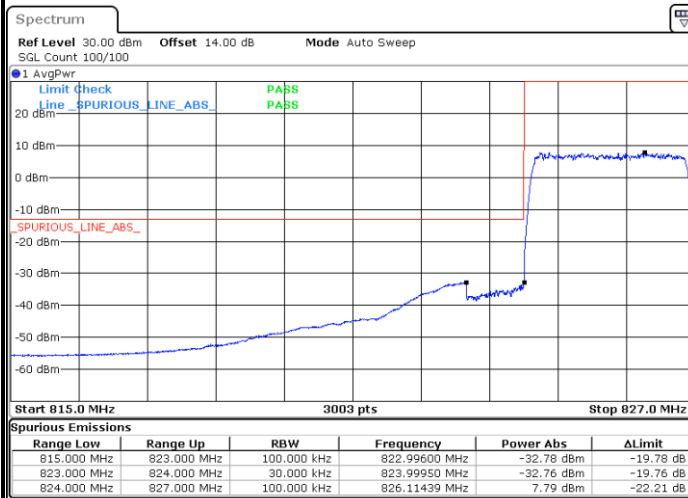
Lowest Band Edge / 1 RB



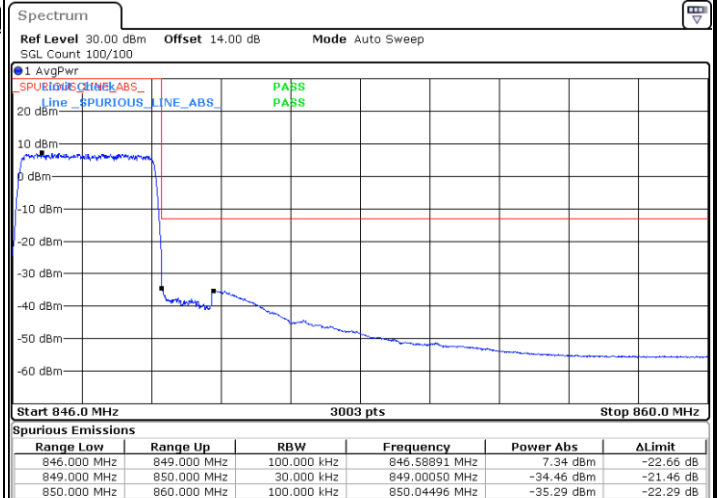
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



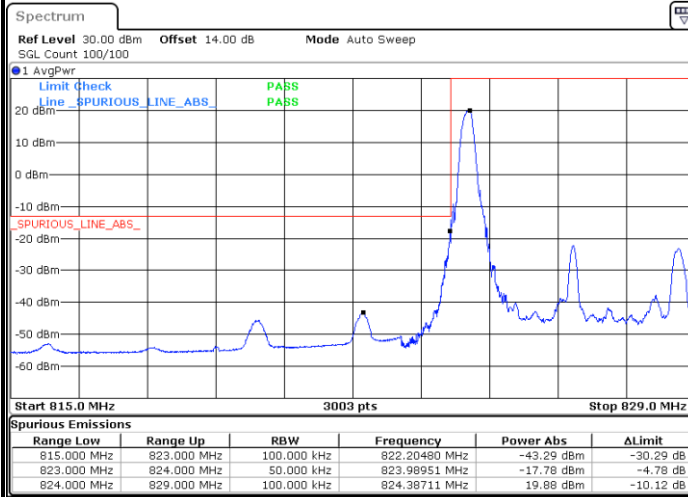
Highest Band Edge / Full RB



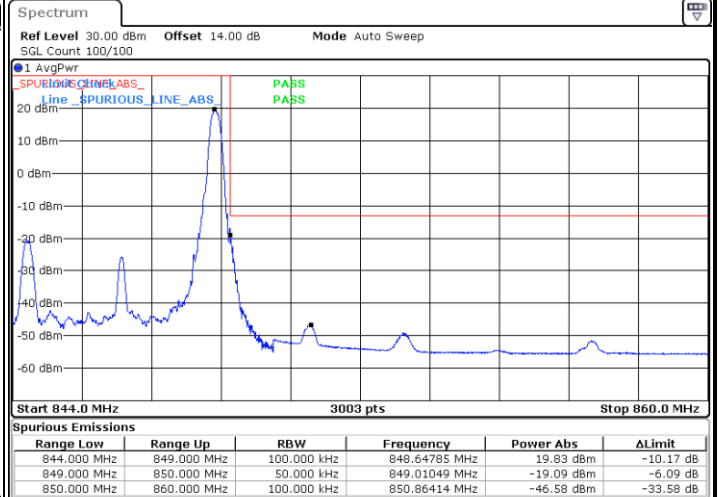


LTE Band 5 / 5MHz / QPSK

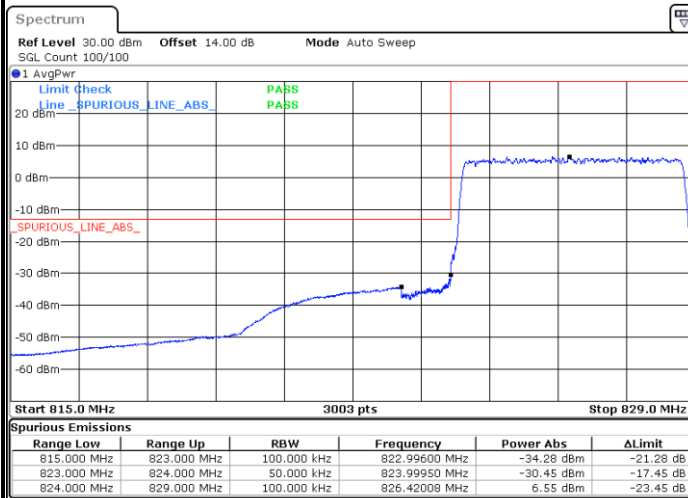
Lowest Band Edge / 1RB



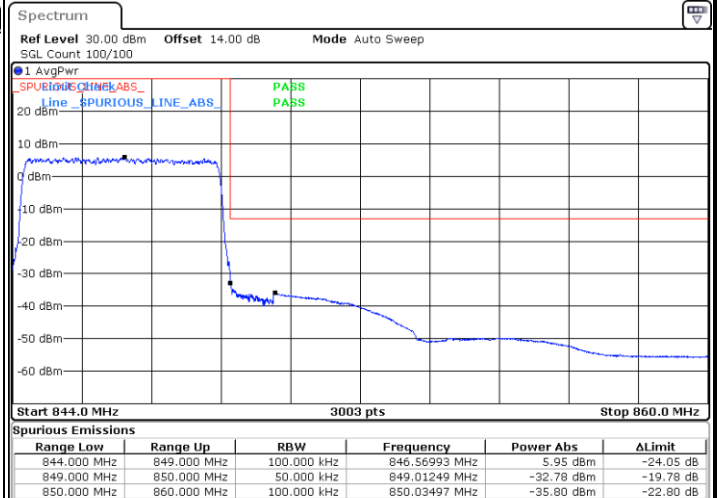
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



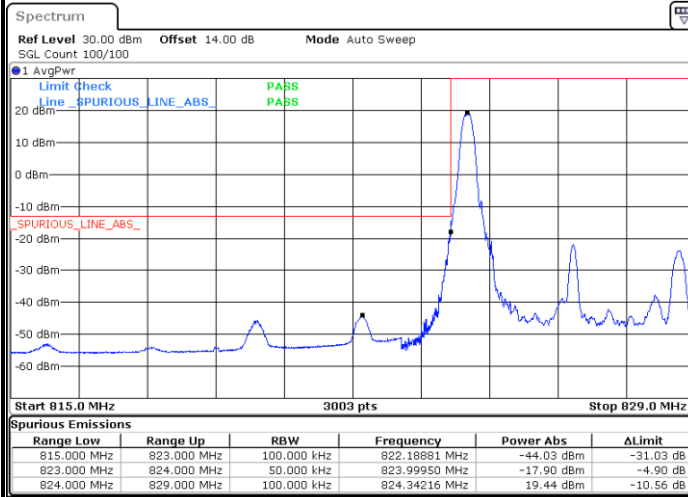
Highest Band Edge / Full RB



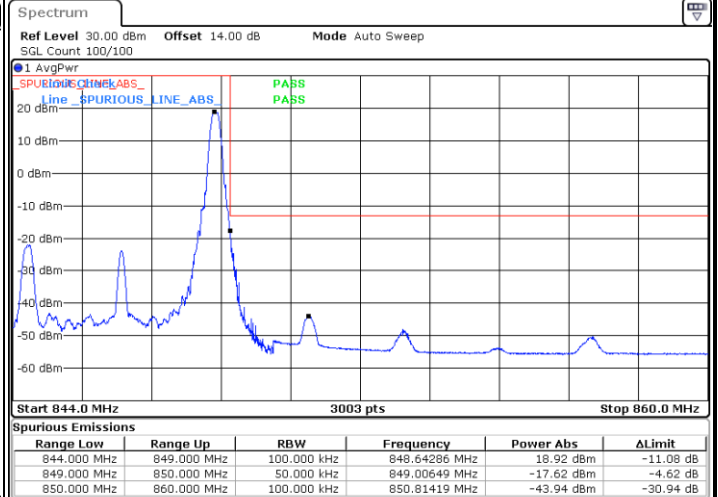


LTE Band 5 / 5MHz / 16QAM

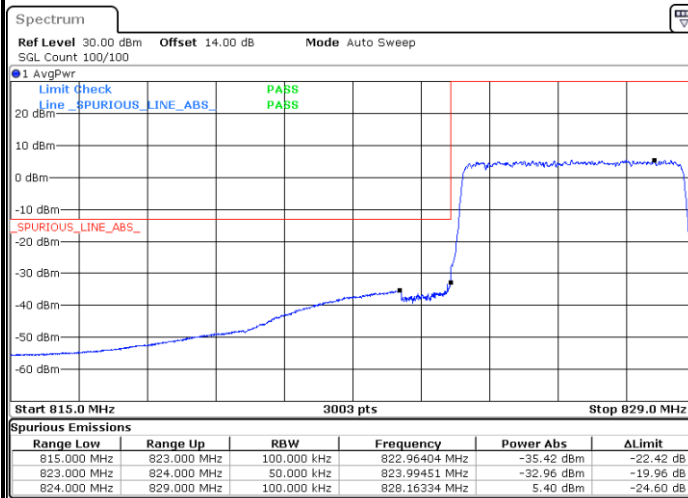
Lowest Band Edge / 1 RB



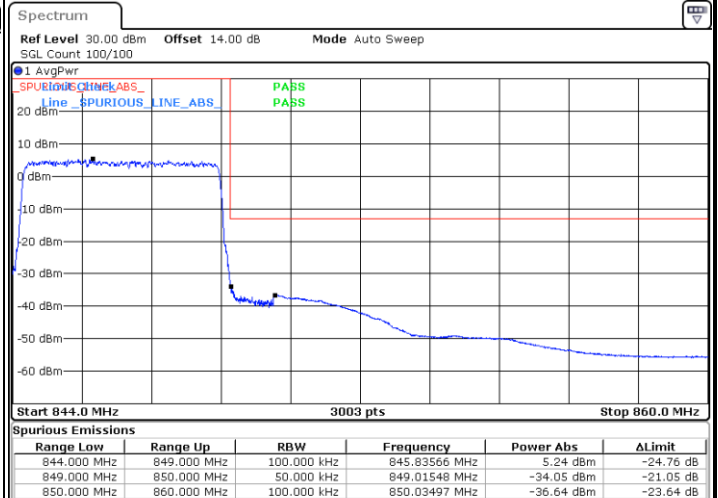
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



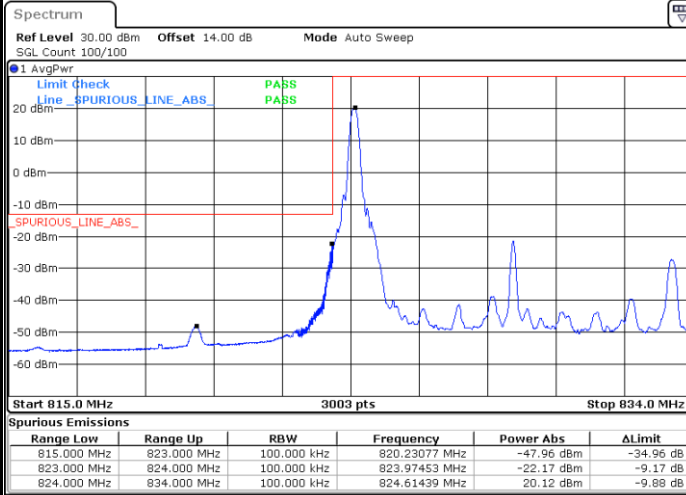
Highest Band Edge / Full RB



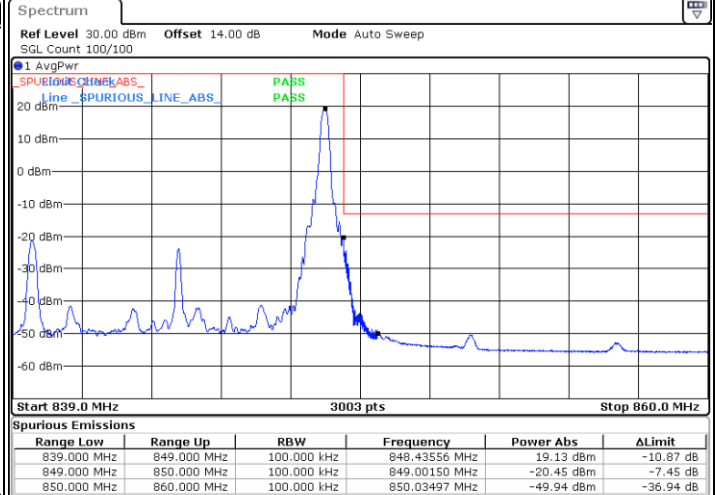


LTE Band 5 / 10MHz / QPSK

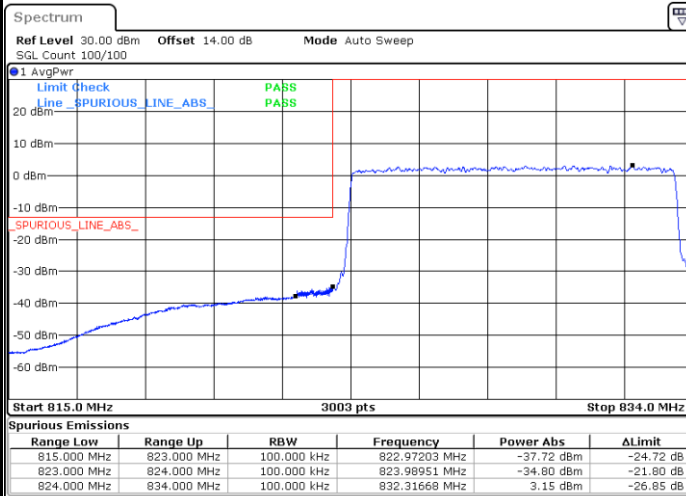
Lowest Band Edge / 1RB



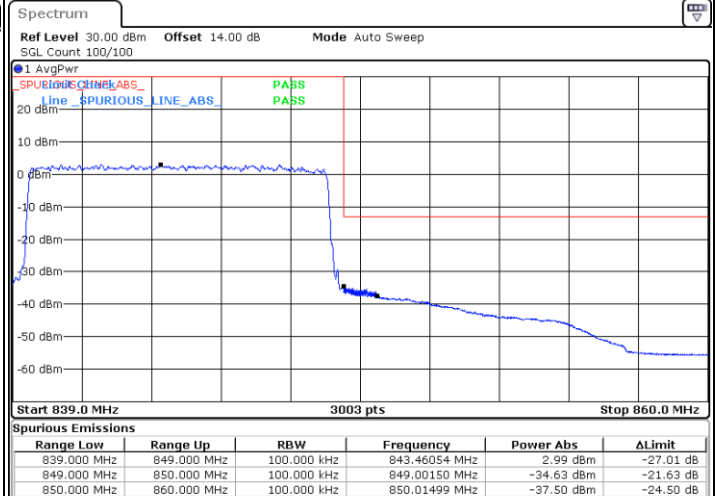
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



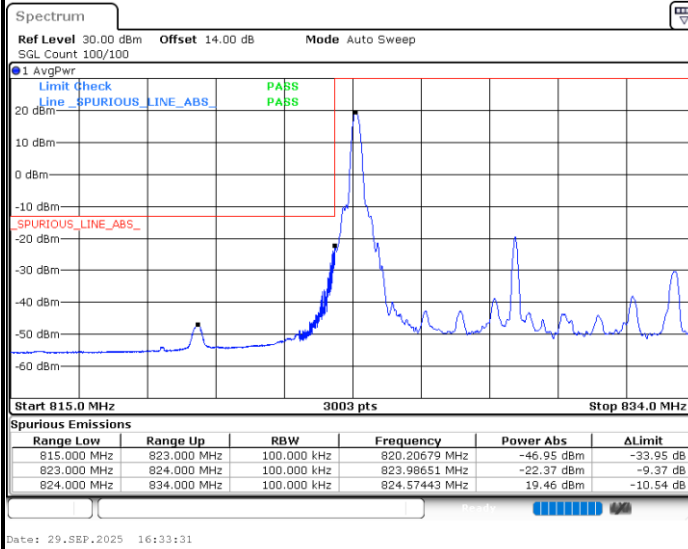
Highest Band Edge / Full RB



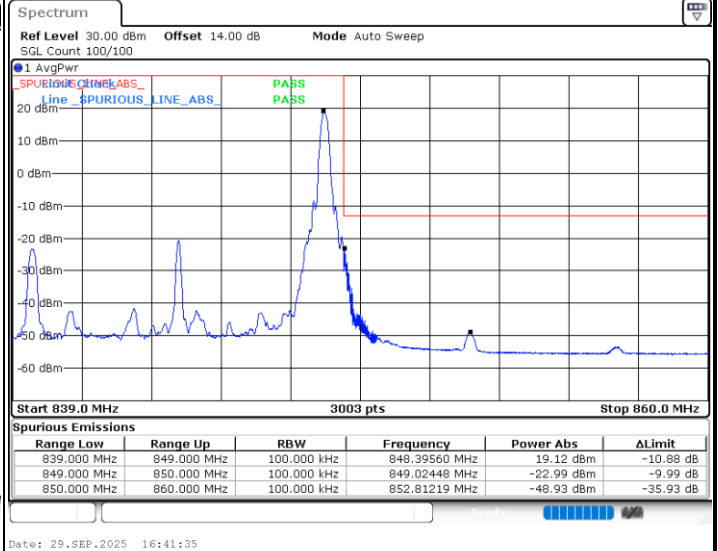


LTE Band 5 / 10MHz / 16QAM

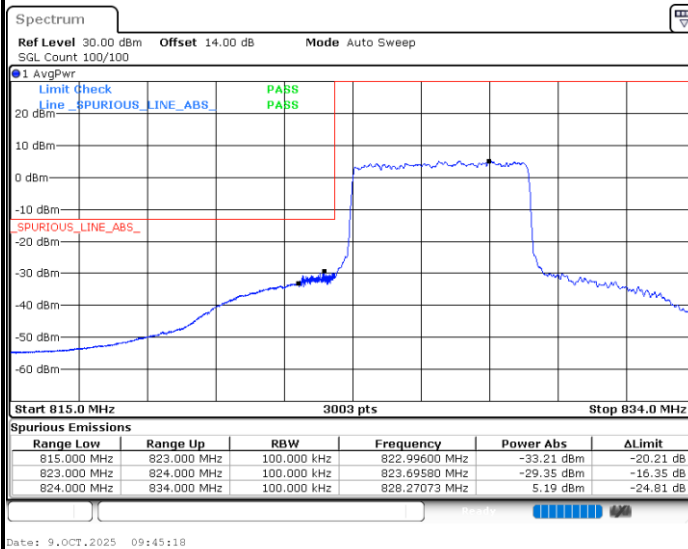
Lowest Band Edge / 1 RB



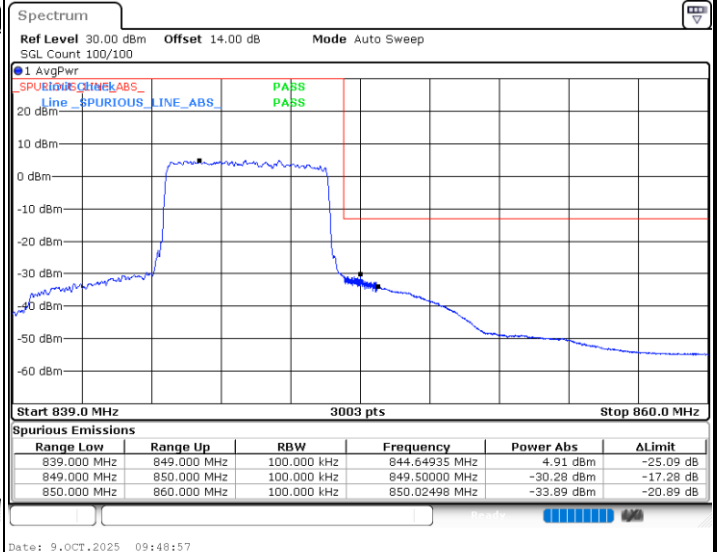
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

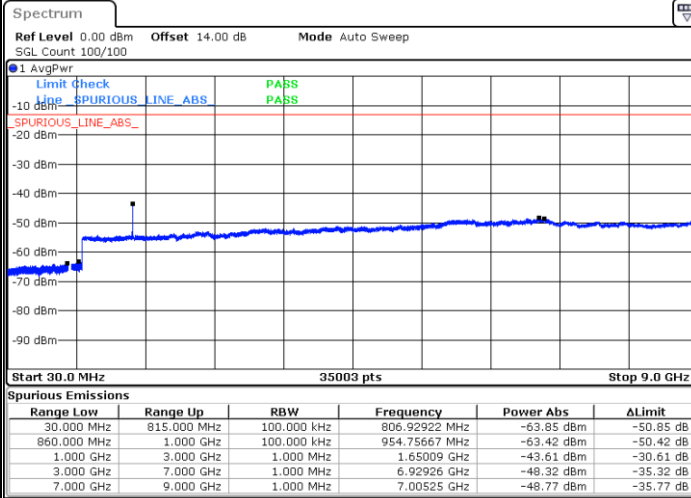




Conducted Spurious Emission

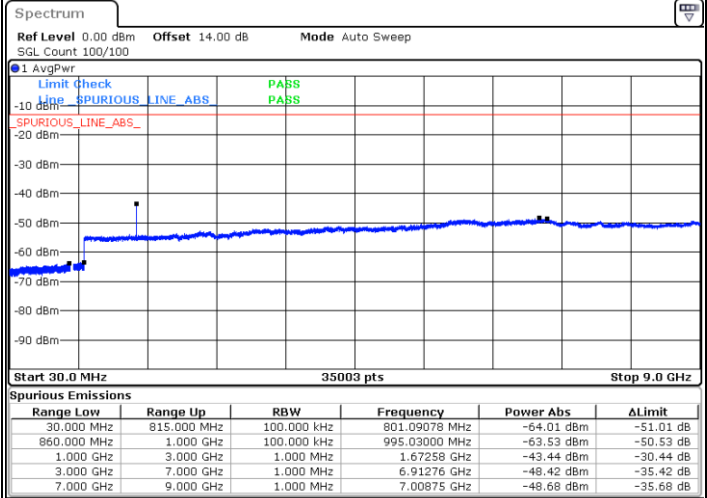
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



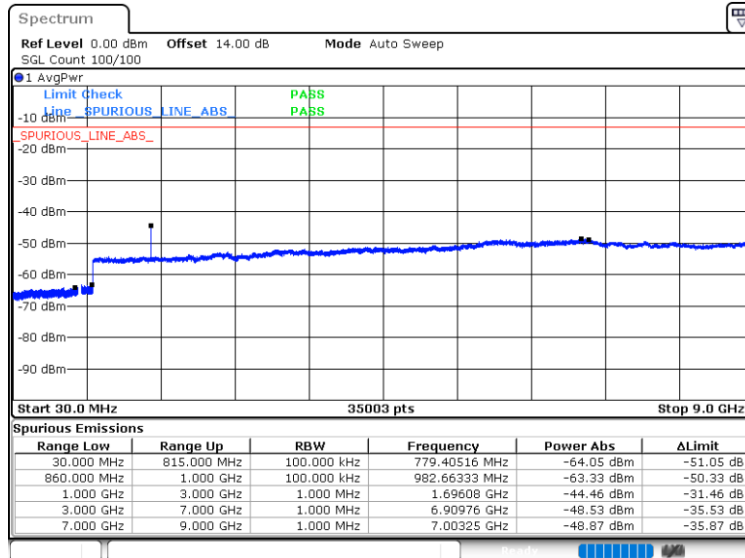
Date: 29.SEP.2025 15:21:32

Middle Channel / QPSK



Date: 29.SEP.2025 15:22:34

Highest Channel / QPSK

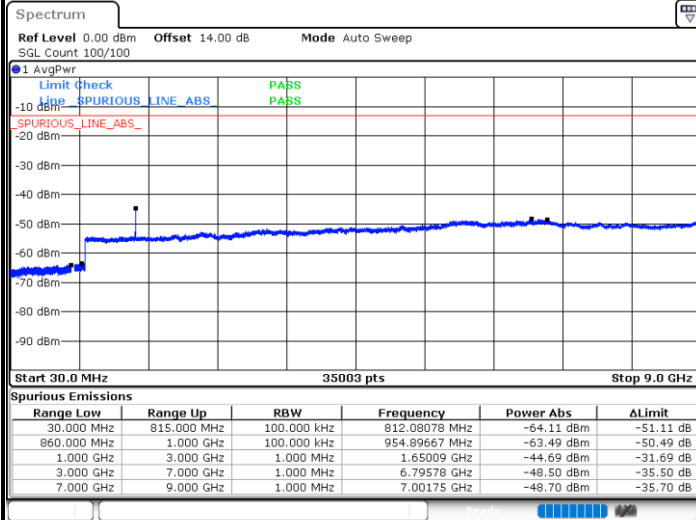


Date: 29.SEP.2025 15:13:49



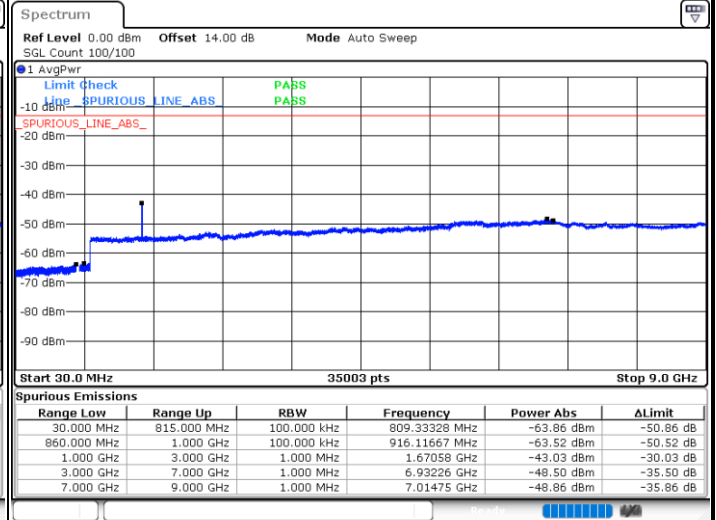
LTE Band 5 / 3MHz

Lowest Channel / QPSK



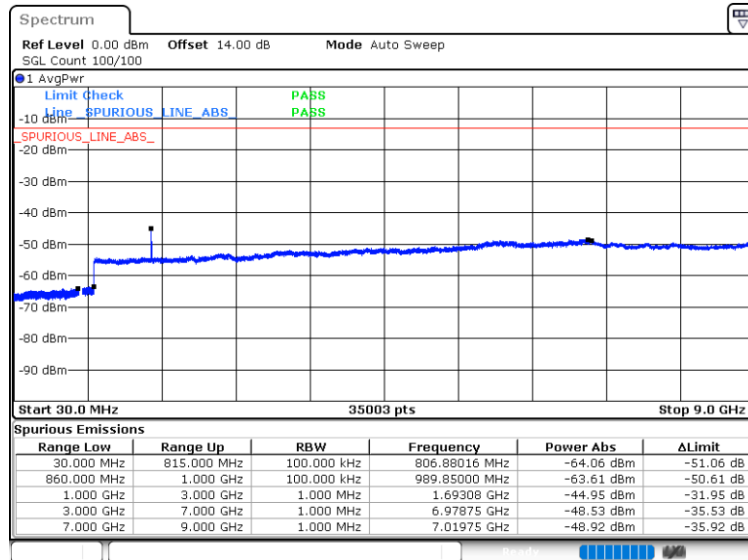
Date: 29.SEP.2025 16:13:30

Middle Channel / QPSK



Date: 29.SEP.2025 16:14:33

Highest Channel / QPSK

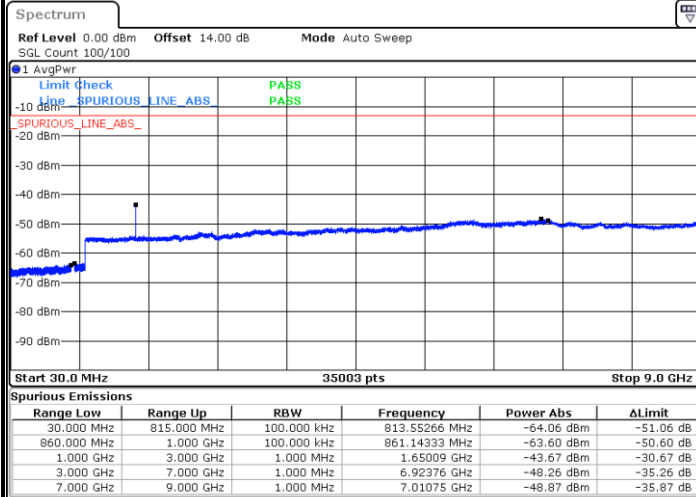


Date: 29.SEP.2025 16:20:29



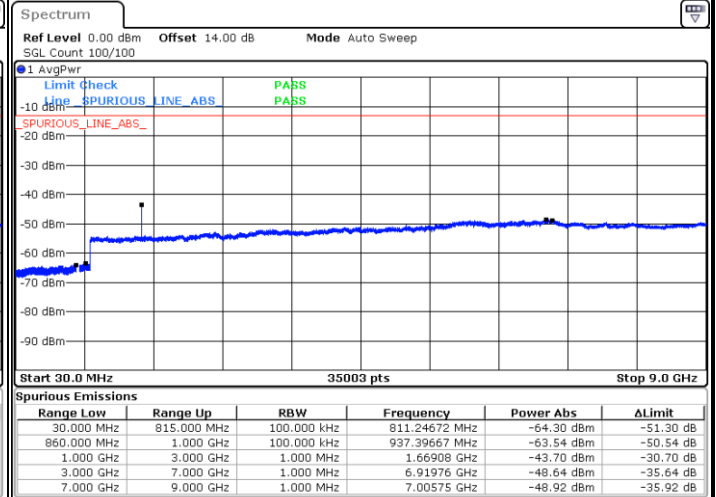
LTE Band 5 / 5MHz

Lowest Channel / QPSK



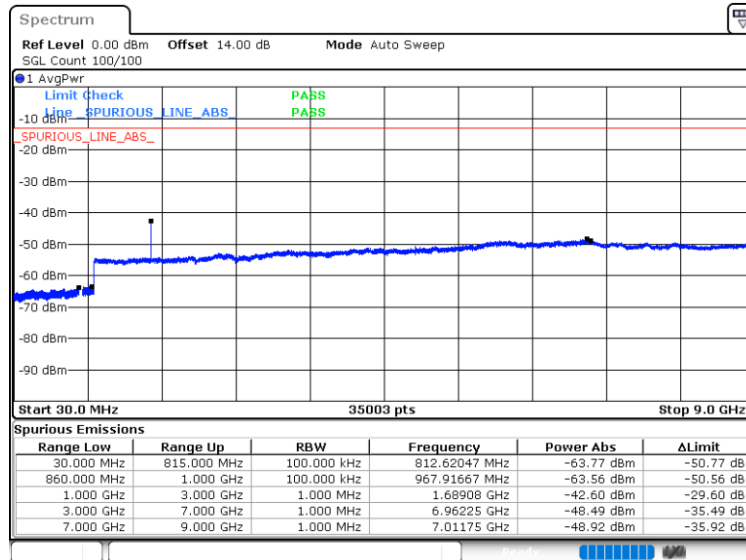
Date: 29.SEP.2025 16:24:49

Middle Channel / QPSK



Date: 29.SEP.2025 16:25:52

Highest Channel / QPSK

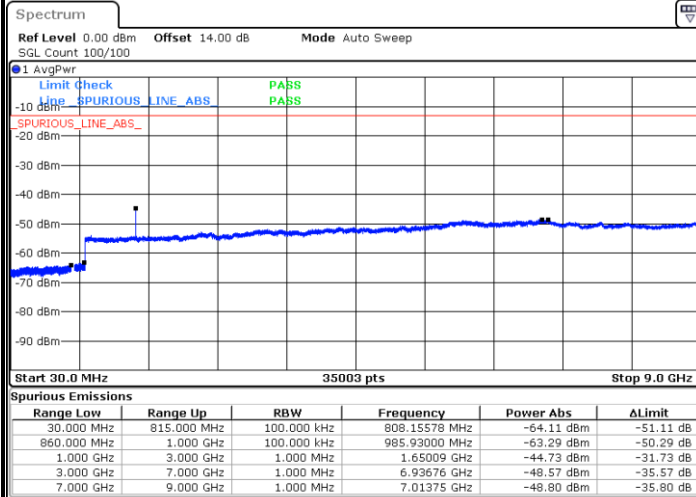


Date: 29.SEP.2025 16:31:51



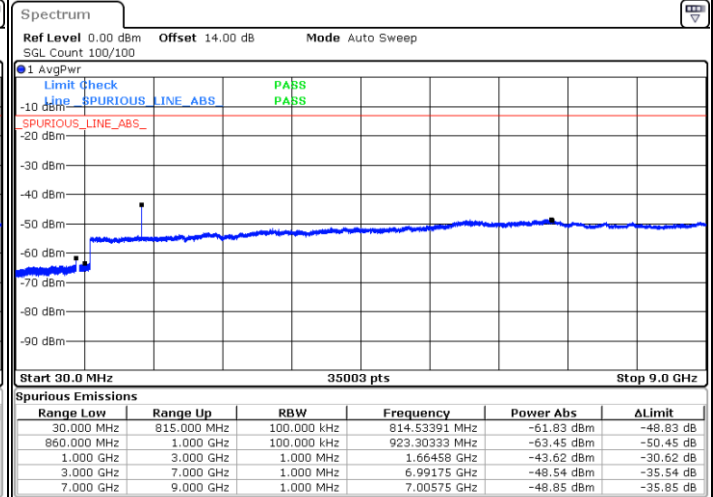
LTE Band 5 / 10MHz

Lowest Channel / QPSK



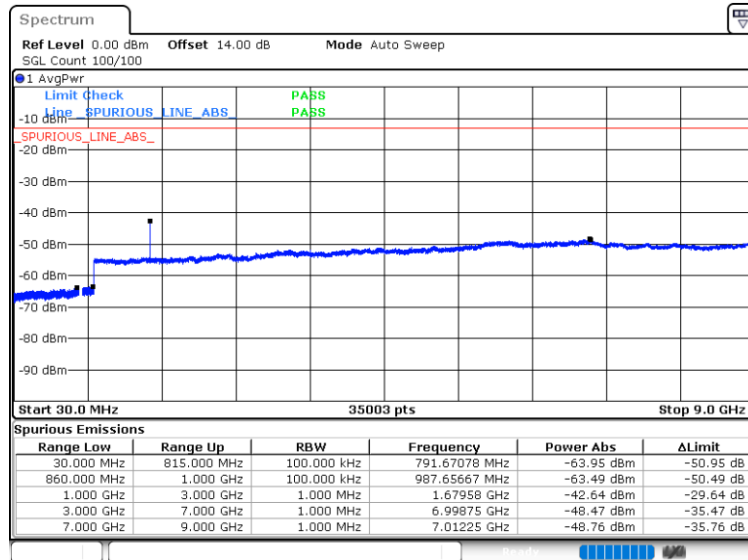
Date: 29.SEP.2025 16:35:23

Middle Channel / QPSK



Date: 29.SEP.2025 16:36:26

Highest Channel / QPSK



Date: 29.SEP.2025 16:43:30

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	≤2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

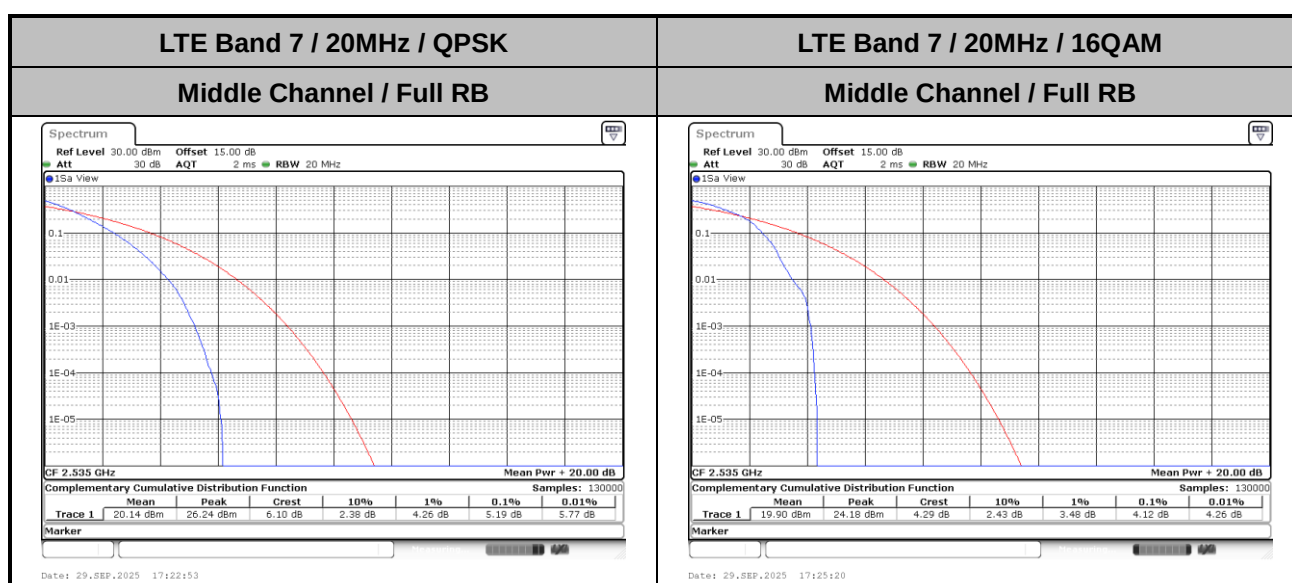
1. Normal Voltage = 3.7 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.9 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.19	4.12	PASS



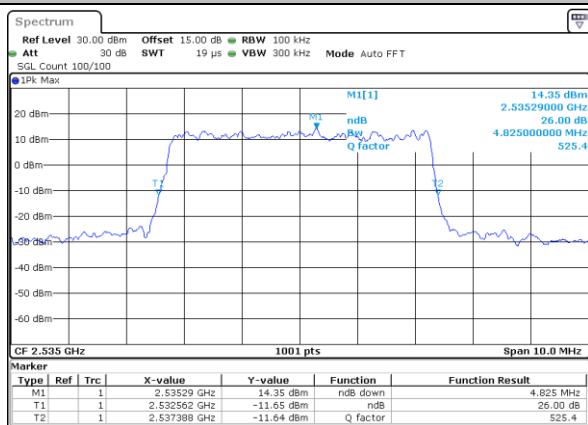


26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.83	4.90	9.63	5.67	14.27	5.81	18.82	5.79

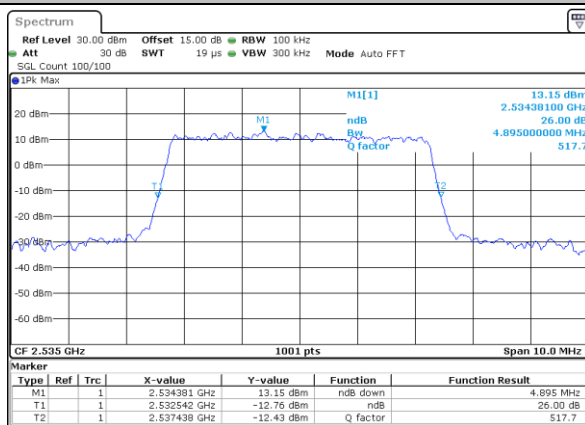
LTE Band 7

Middle Channel / 5MHz / QPSK



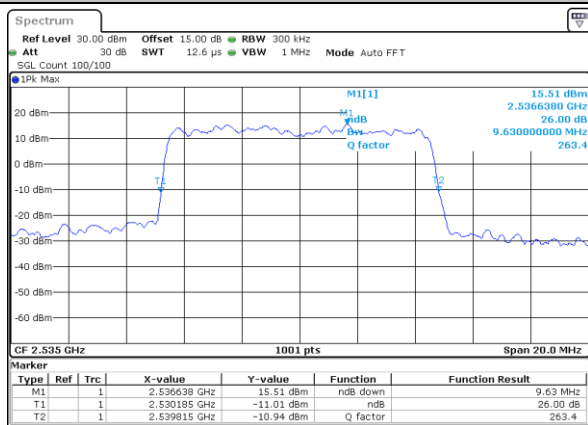
Date: 29.SEP.2025 16:49:14

Middle Channel / 5MHz / 16QAM



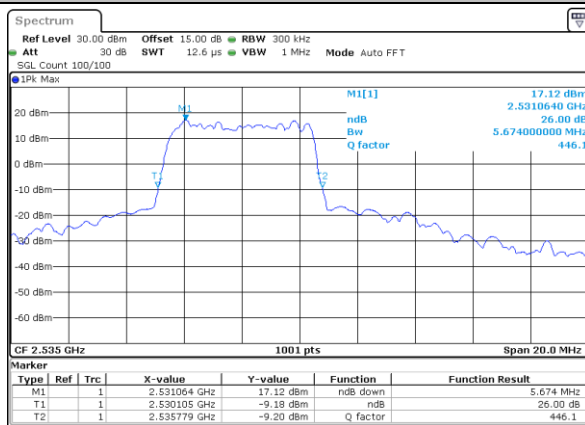
Date: 29.SEP.2025 16:50:17

Middle Channel / 10MHz / QPSK



Date: 29.SEP.2025 17:01:33

Middle Channel / 10MHz / 16QAM

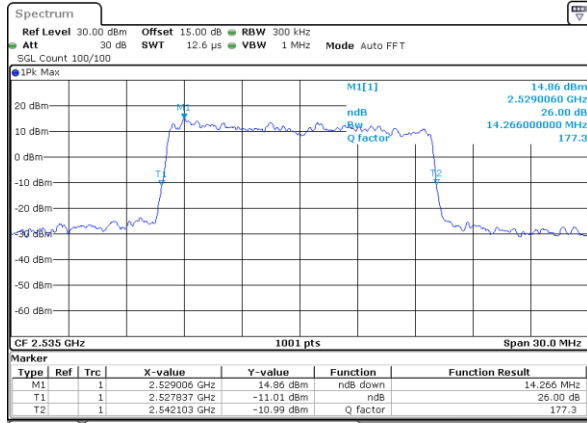


Date: 9.OCT.2025 09:51:59



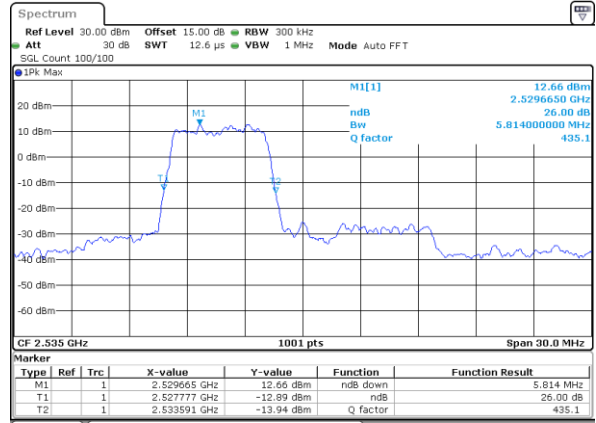
LTE Band 7

Middle Channel / 15MHz / QPSK



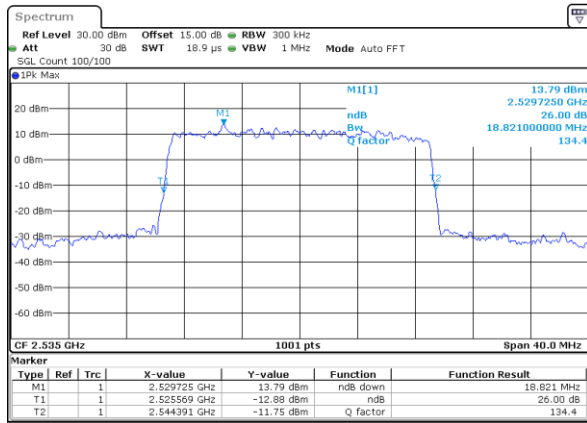
Date: 29,SEP,2025 17:12:05

Middle Channel / 15MHz / 16QAM



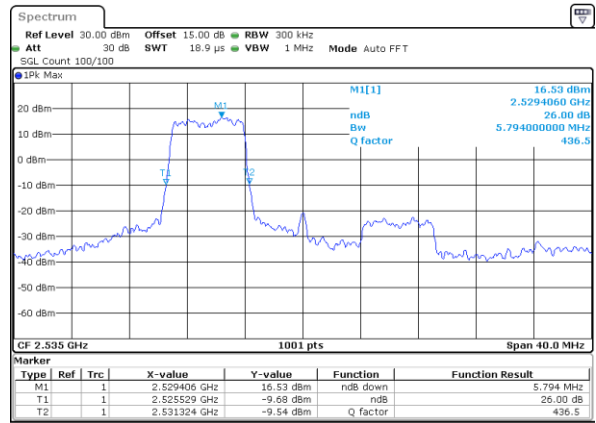
Date: 9,OCT,2025 10:39:32

Middle Channel / 20MHz / QPSK



Date: 29,SEP,2025 17:22:08

Middle Channel / 20MHz / 16QAM

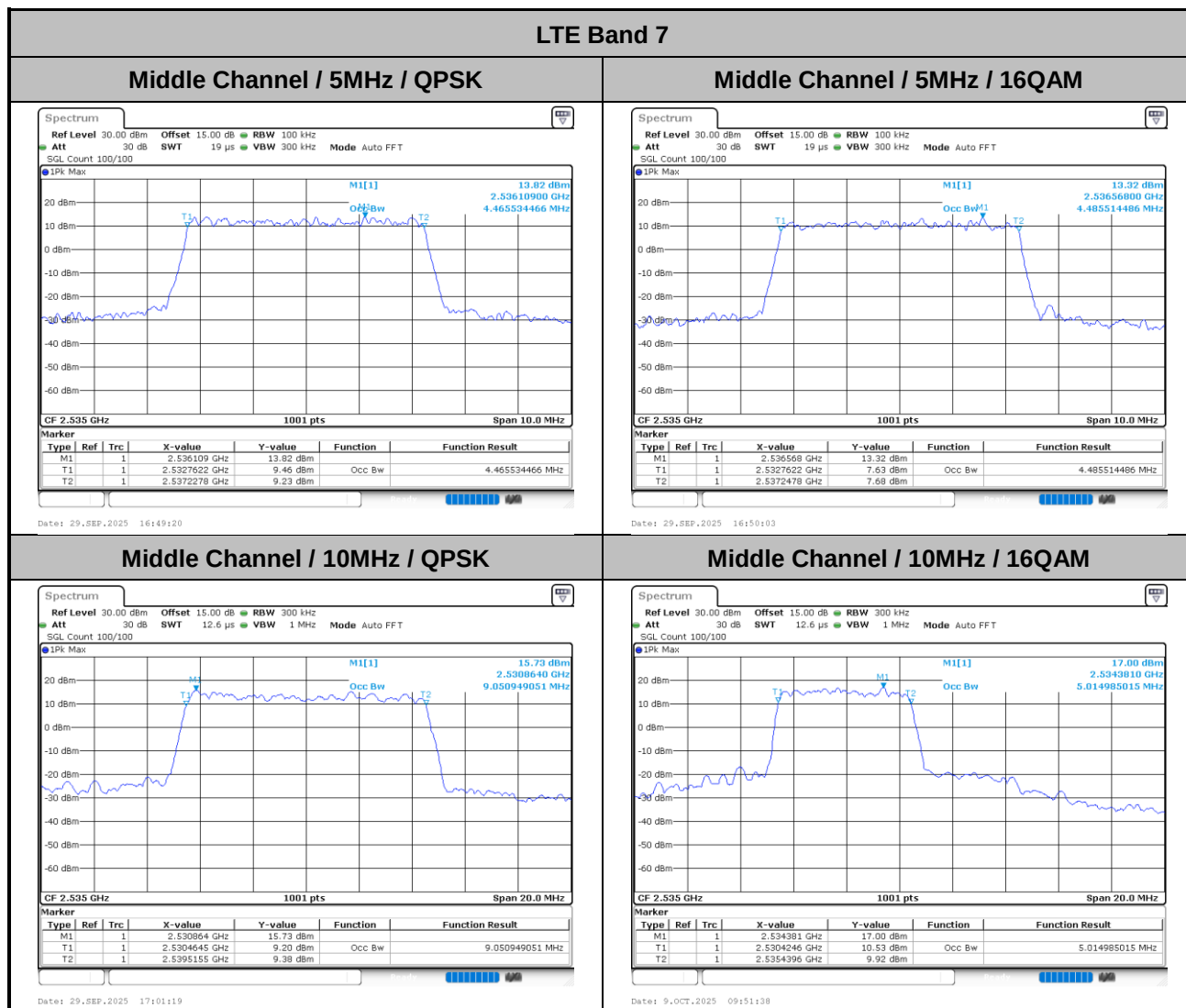


Date: 9,OCT,2025 10:41:31



Occupied Bandwidth

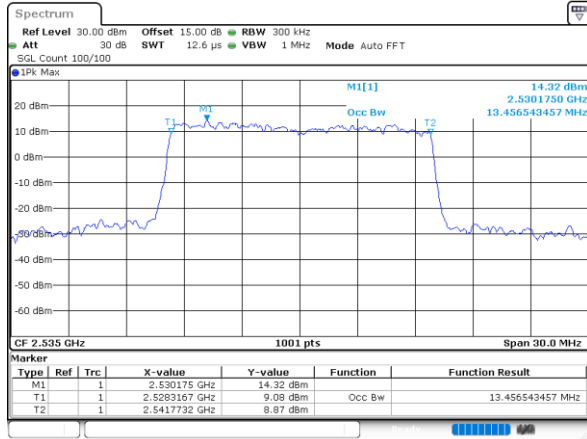
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.47	4.49	9.05	5.01	13.46	5.03	17.82	5.07



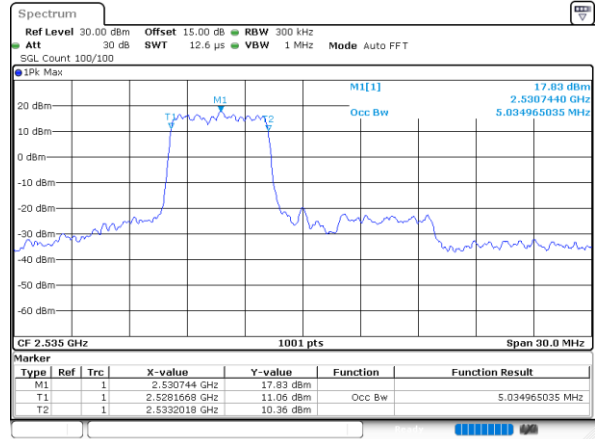


LTE Band 7

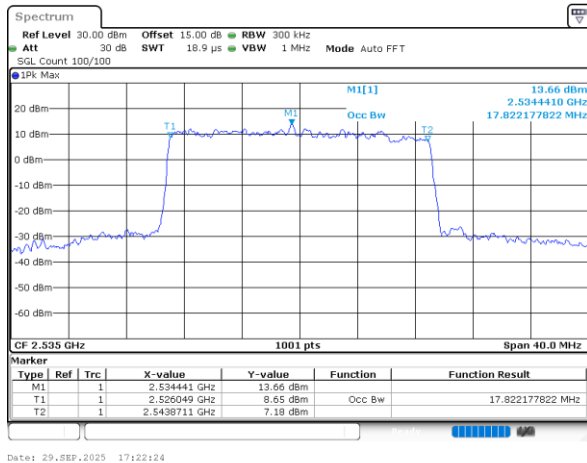
Middle Channel / 15MHz / QPSK



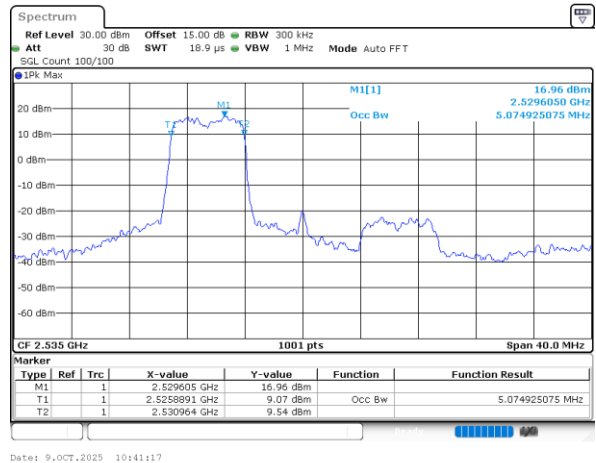
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

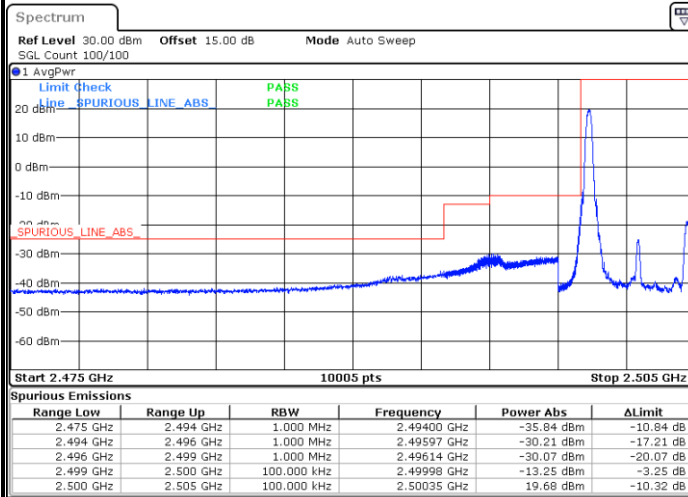




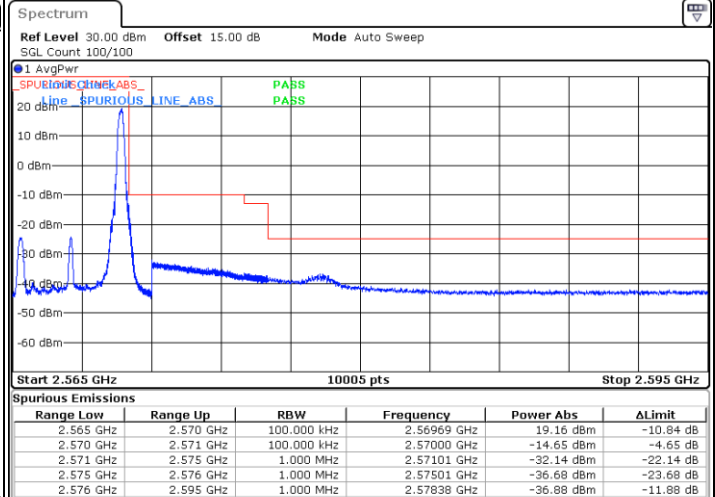
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

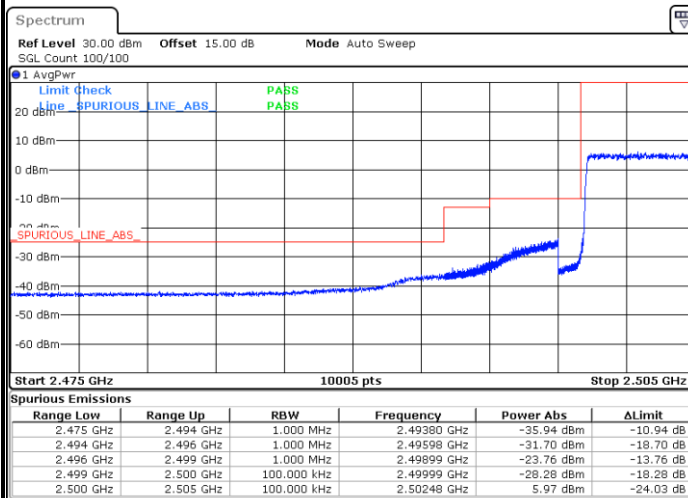
Lowest Band Edge / 1 RB



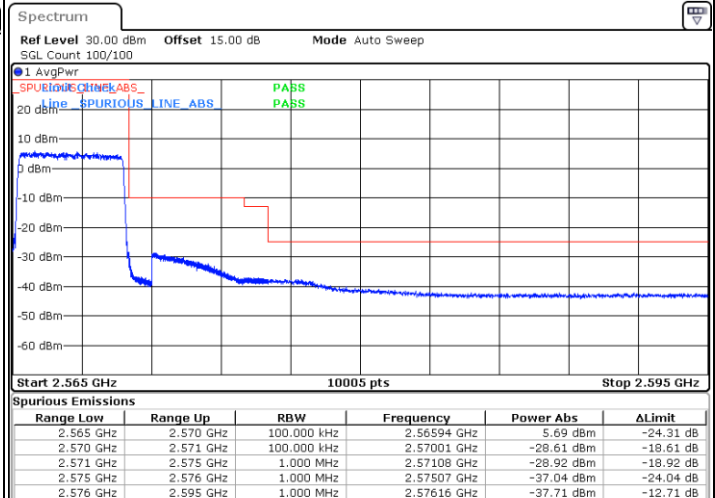
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



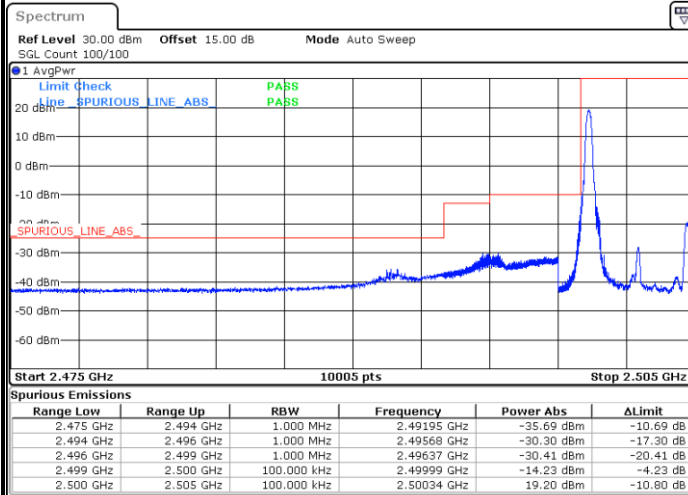
Highest Band Edge / Full RB



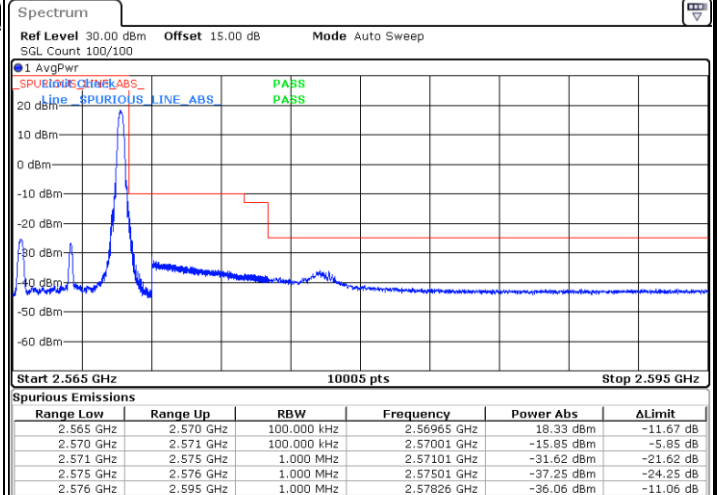


LTE Band 7 / 5MHz / 16QAM

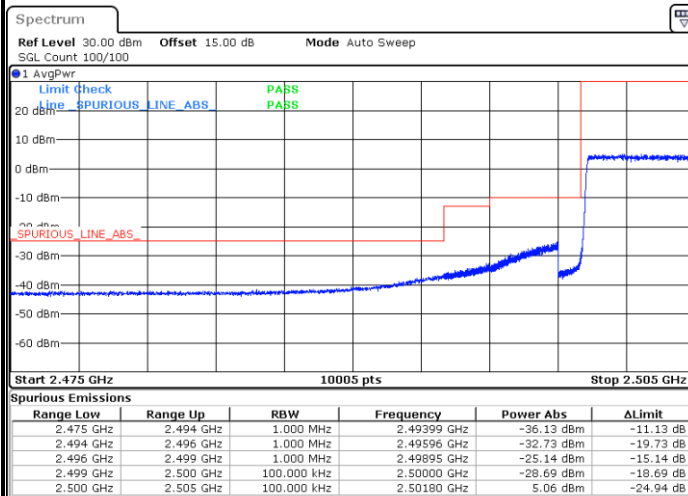
Lowest Band Edge / 1RB



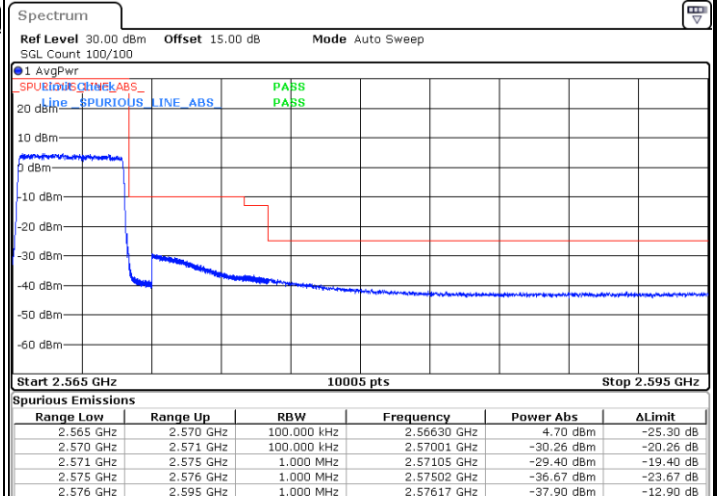
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



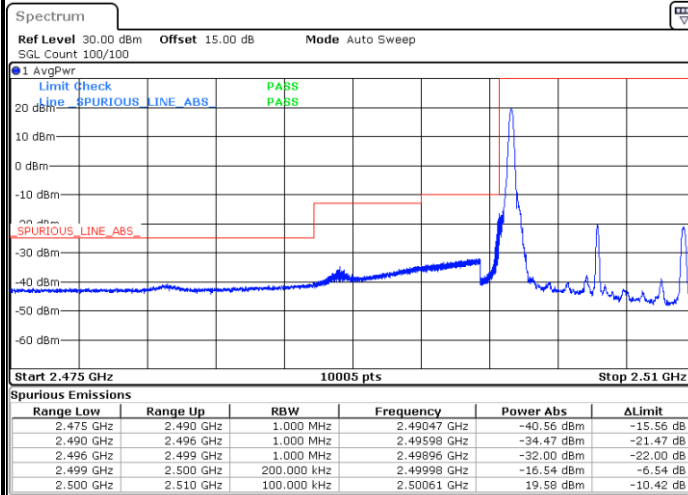
Highest Band Edge / Full RB



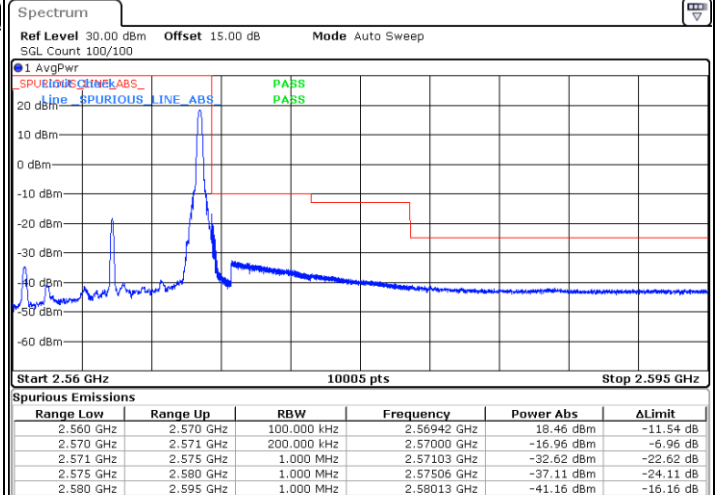


LTE Band 7 / 10MHz / QPSK

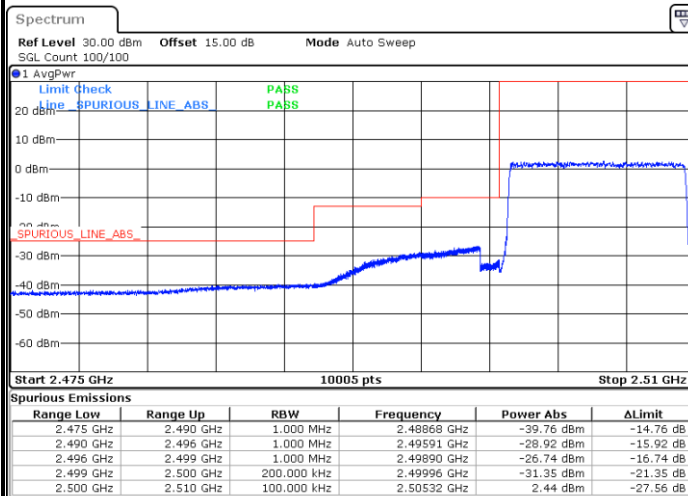
Lowest Band Edge / 1 RB



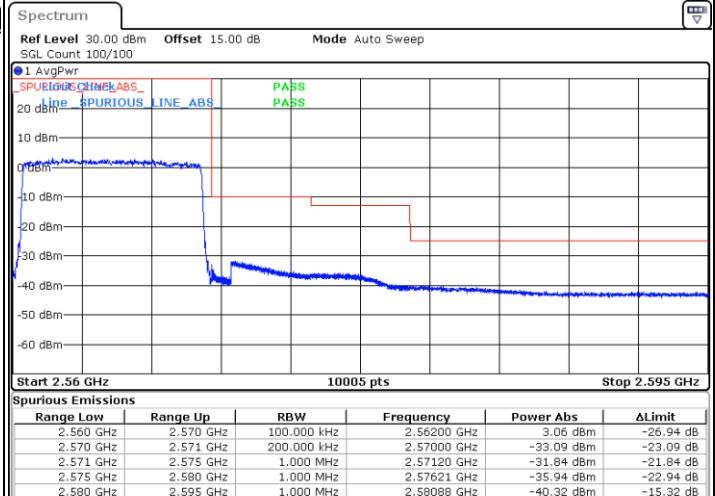
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



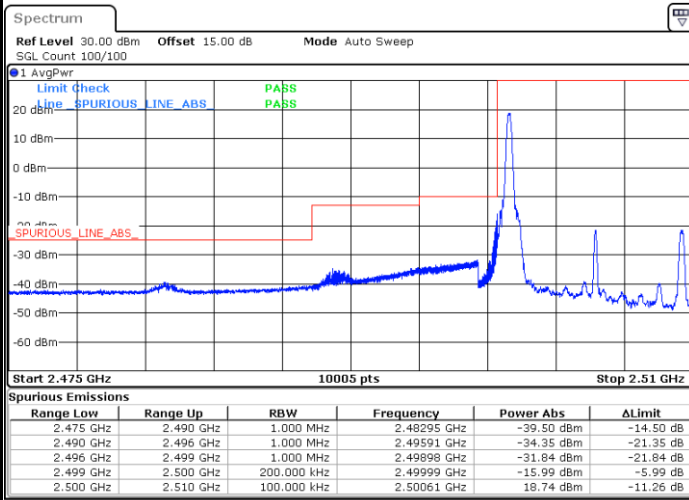
Highest Band Edge / Full RB



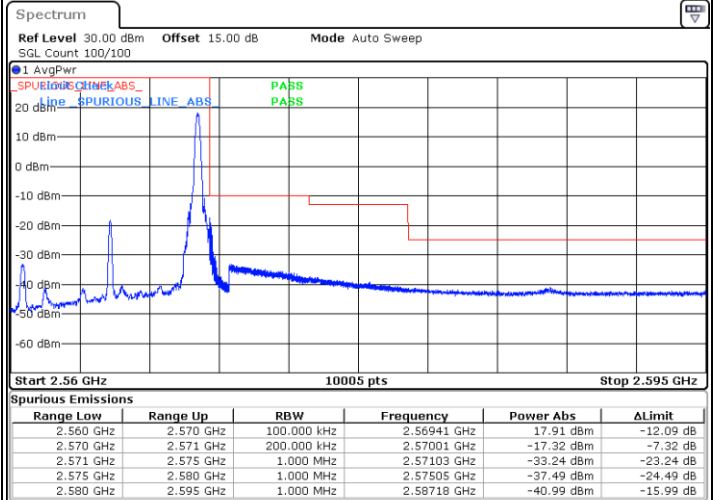


LTE Band 7 / 10MHz / 16QAM

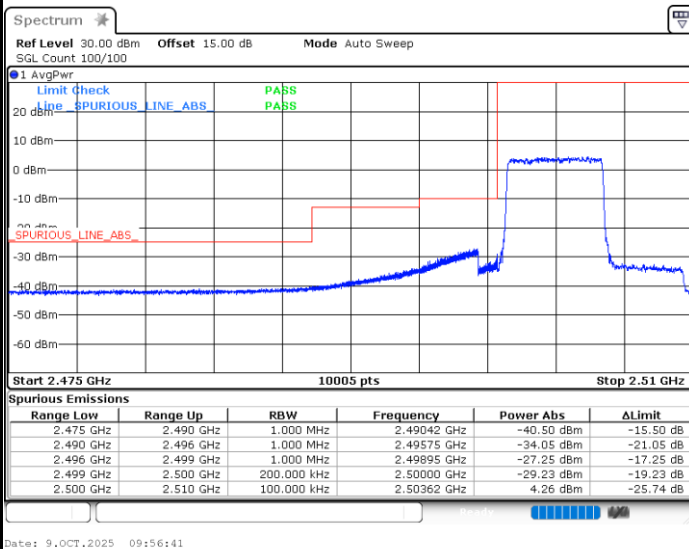
Lowest Band Edge / 1RB



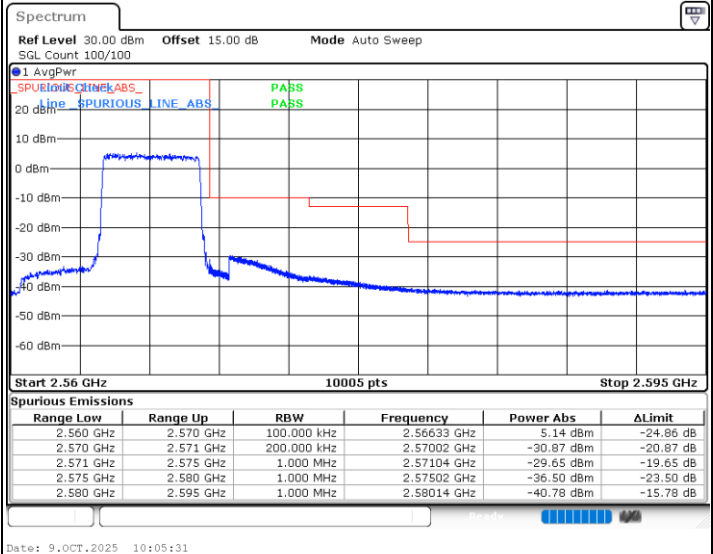
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



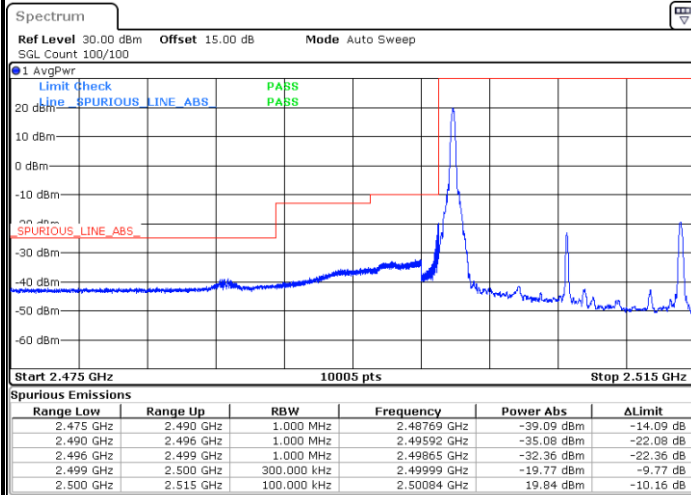
Highest Band Edge / Full RB





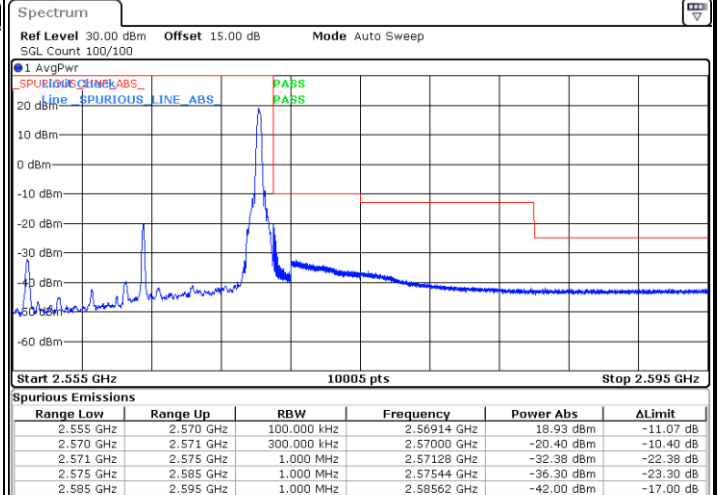
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



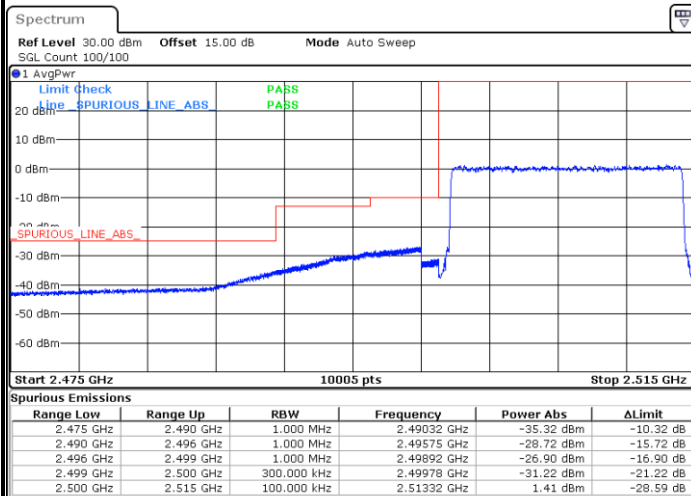
Date: 29.SEP.2025 17:07:37

Highest Band Edge / 1 RB



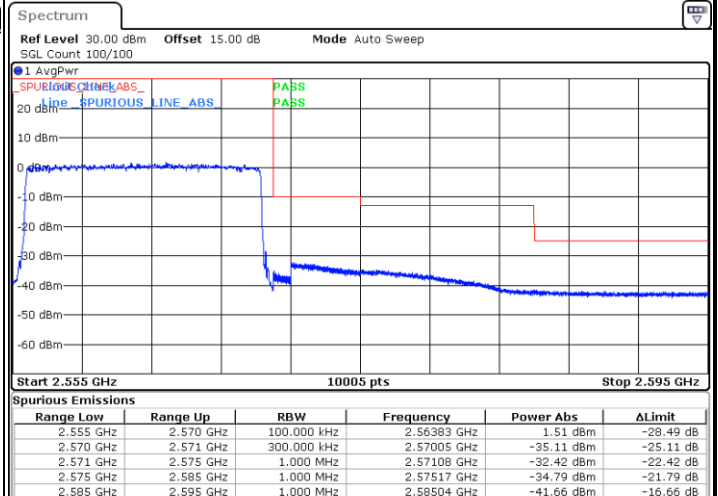
Date: 29.SEP.2025 17:12:49

Lowest Band Edge / Full RB



Date: 29.SEP.2025 17:09:07

Highest Band Edge / Full RB

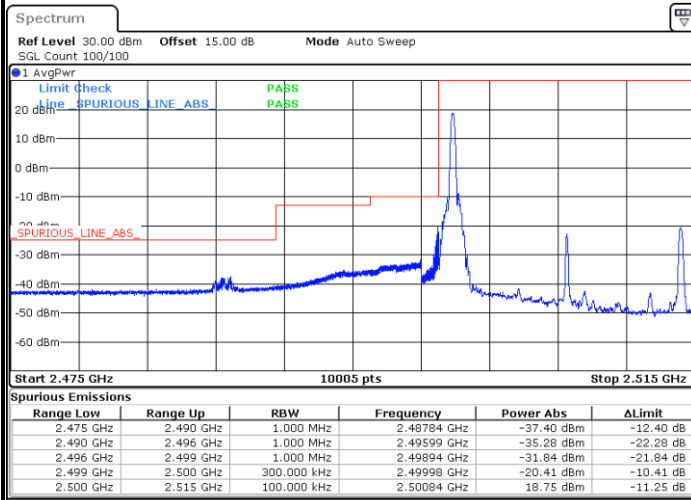


Date: 29.SEP.2025 17:14:18

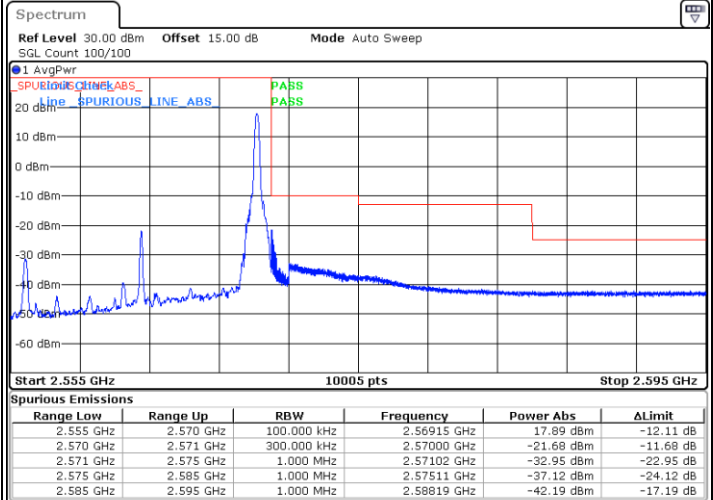


LTE Band 7 / 15MHz / 16QAM

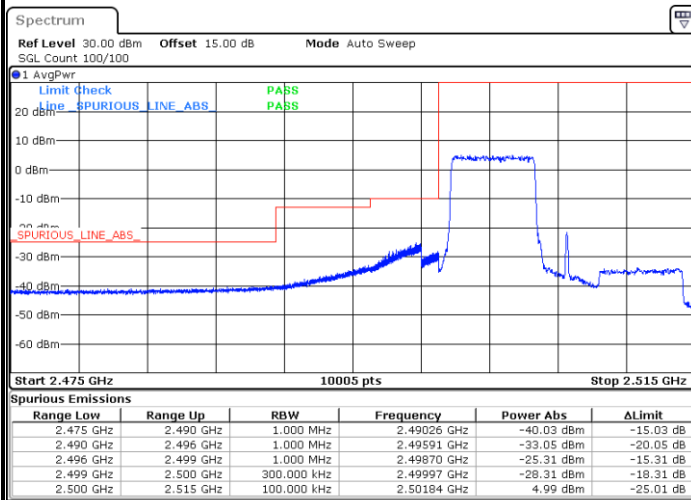
Lowest Band Edge / 1RB



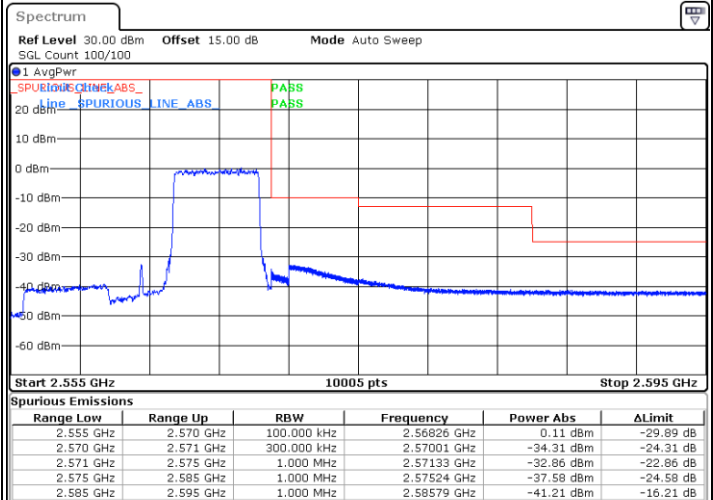
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



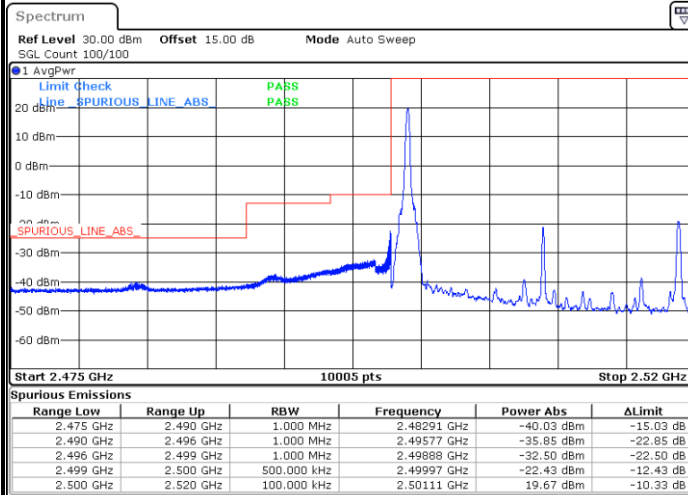
Highest Band Edge / Full RB



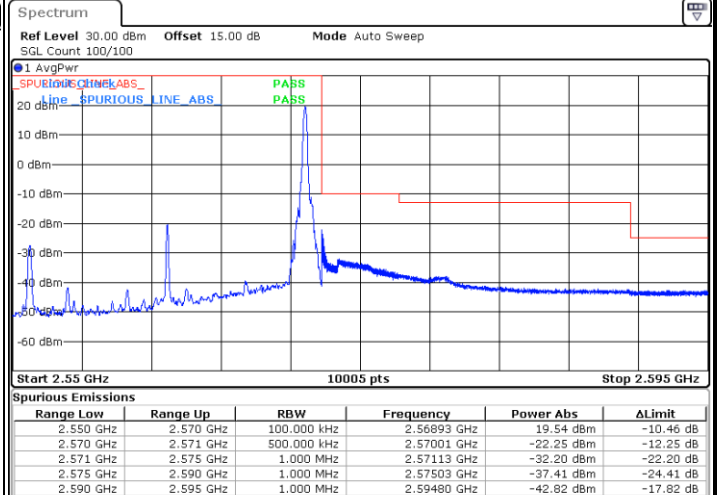


LTE Band 7 / 20MHz / QPSK

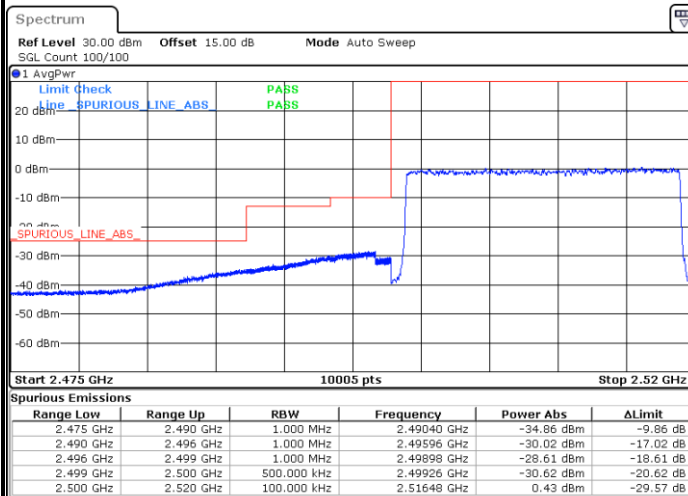
Lowest Band Edge / 1 RB



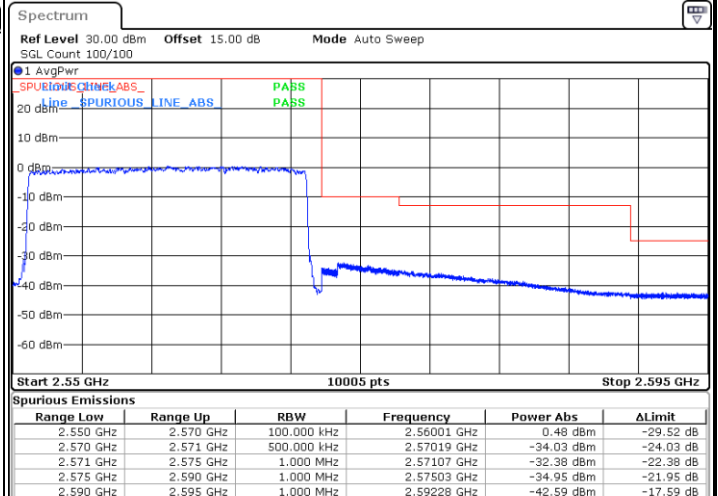
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



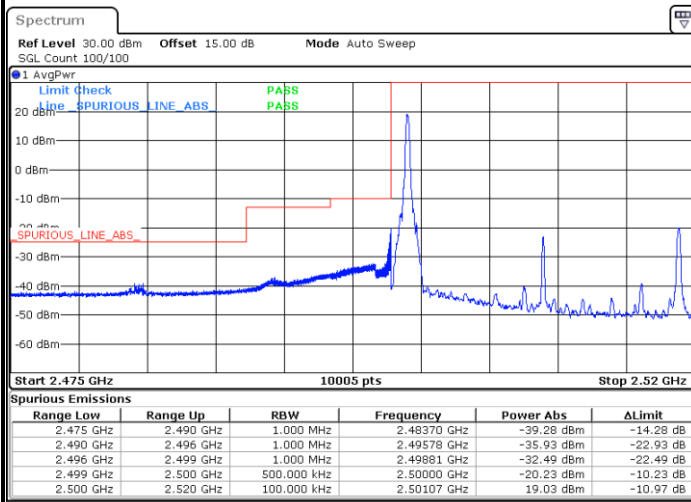
Highest Band Edge / Full RB



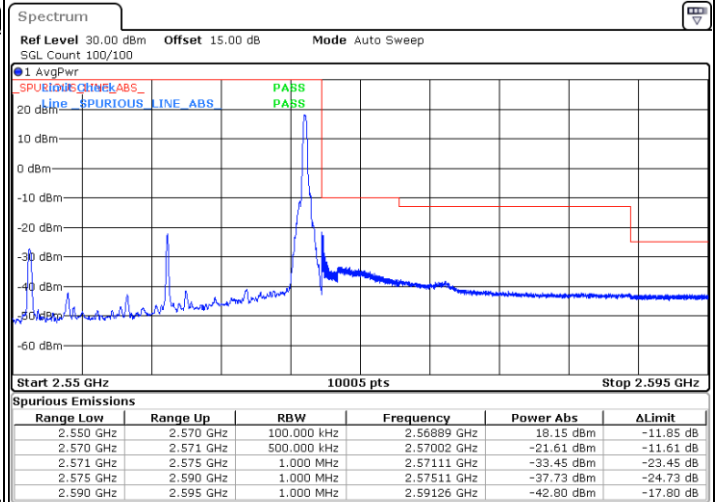


LTE Band 7 / 20MHz / 16QAM

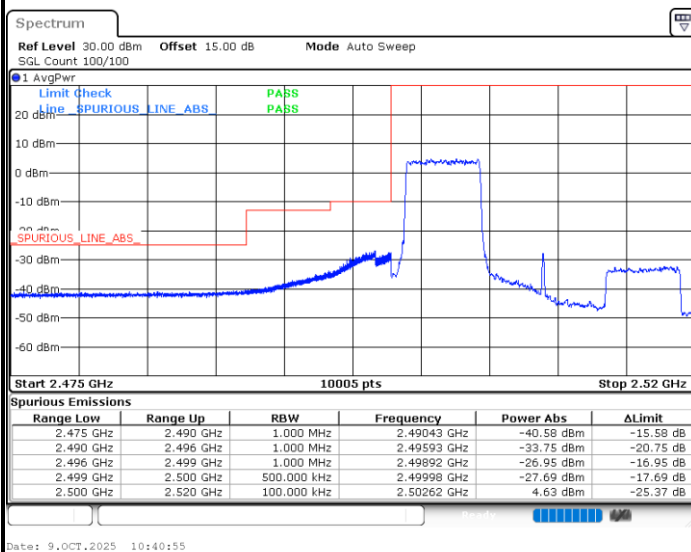
Lowest Band Edge / 1RB



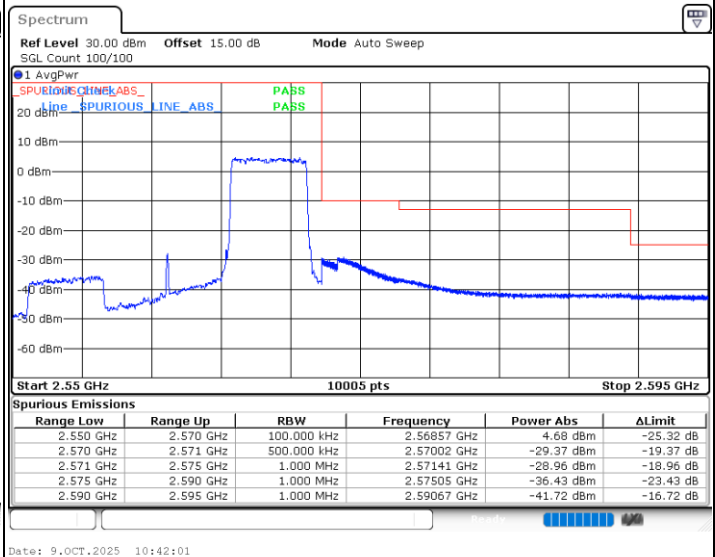
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

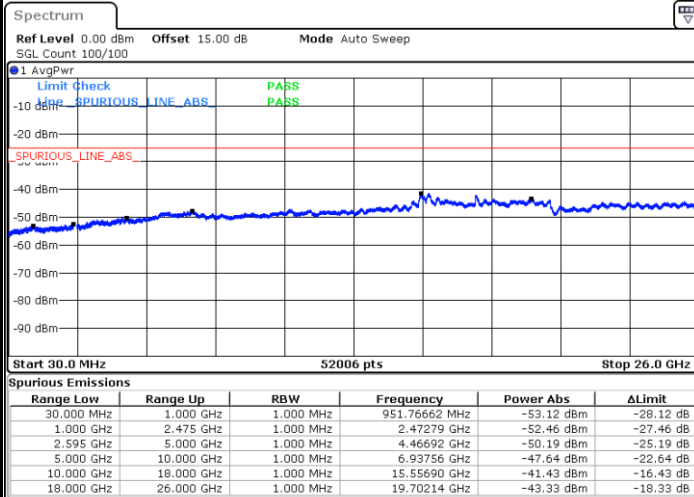




Conducted Spurious Emission

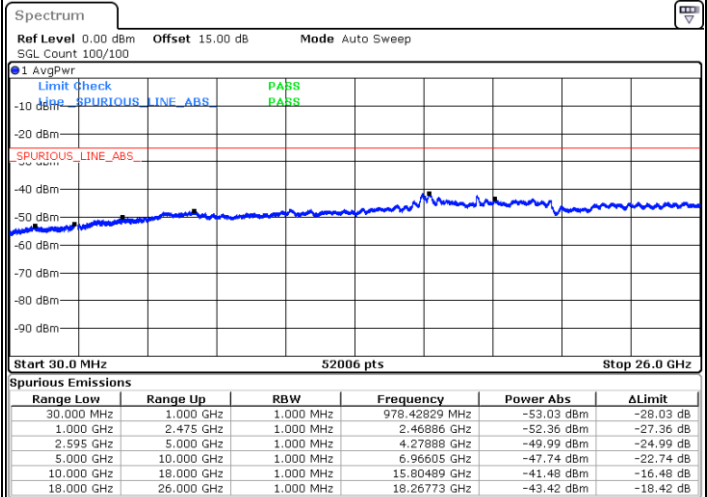
LTE Band 7 / 5MHz

Lowest Channel / QPSK



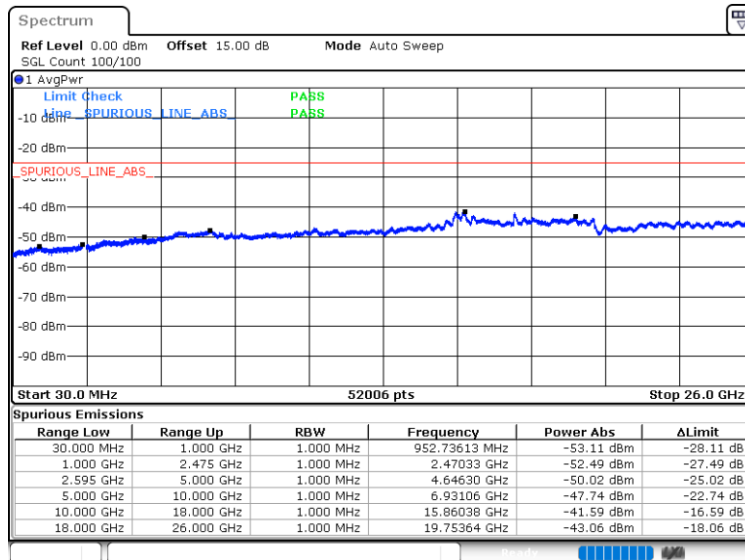
Date: 29.SEP.2025 16:47:43

Middle Channel / QPSK



Date: 29.SEP.2025 16:48:50

Highest Channel / QPSK

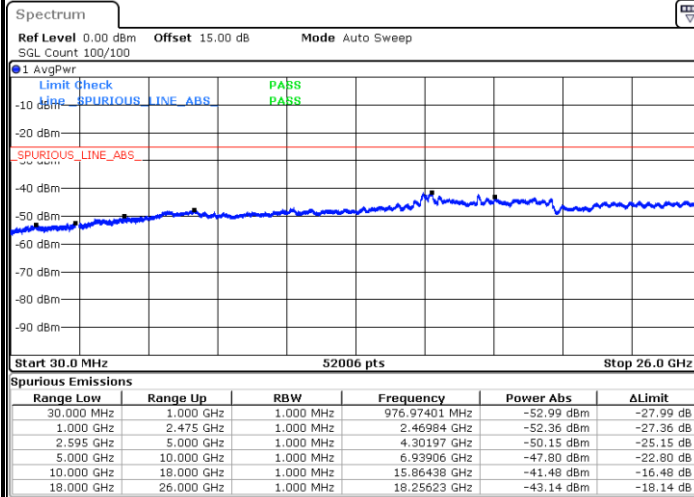


Date: 29.SEP.2025 16:54:21



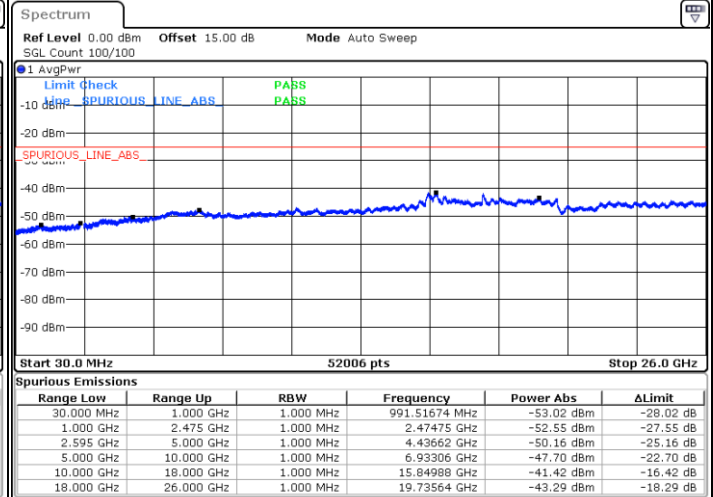
LTE Band 7 / 10MHz

Lowest Channel / QPSK



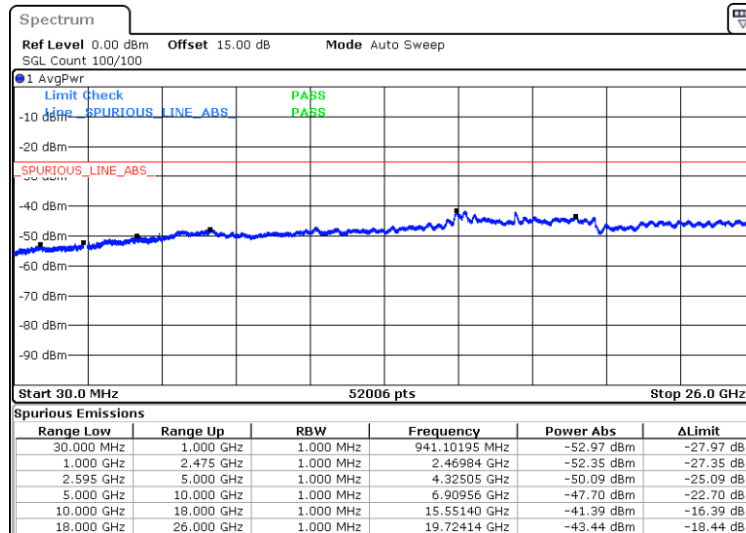
Date: 29.SEP.2025 16:59:42

Middle Channel / QPSK



Date: 29.SEP.2025 17:00:49

Highest Channel / QPSK

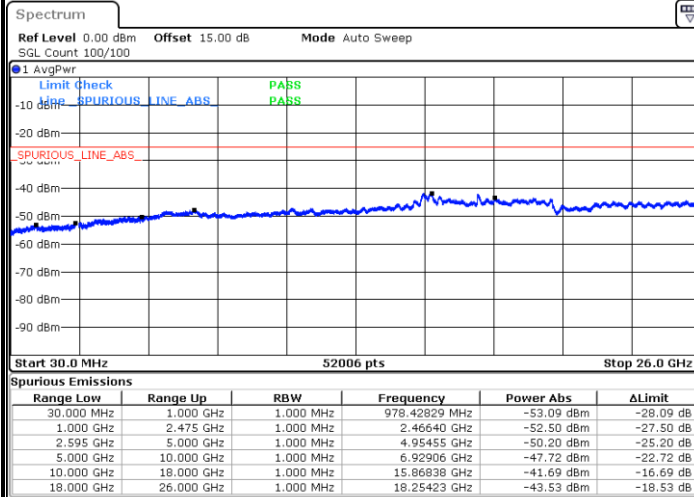


Date: 29.SEP.2025 17:04:53



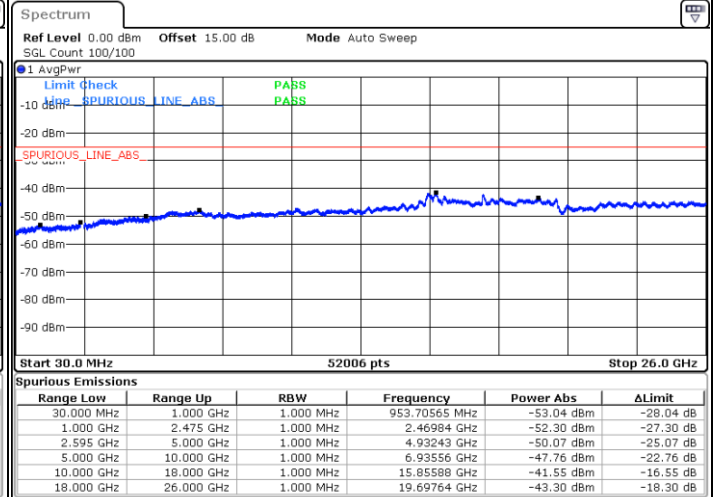
LTE Band 7 / 15MHz

Lowest Channel / QPSK



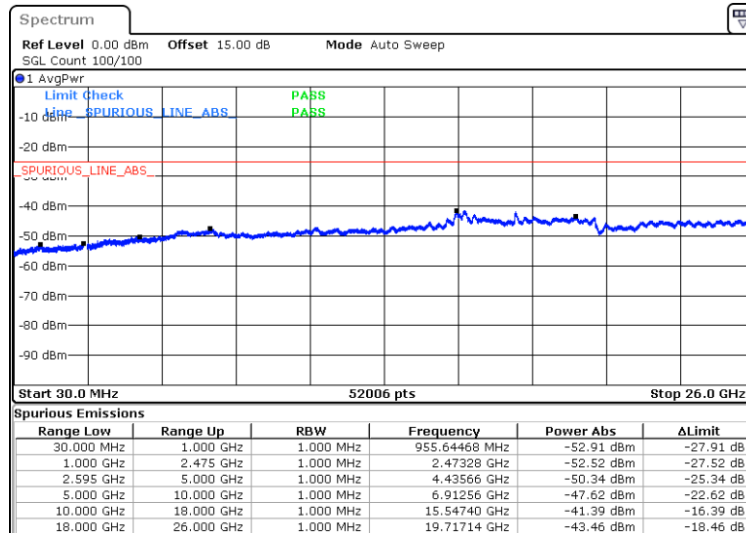
Date: 29.SEP.2025 17:10:14

Middle Channel / QPSK



Date: 29.SEP.2025 17:11:22

Highest Channel / QPSK



Date: 29.SEP.2025 17:15:26