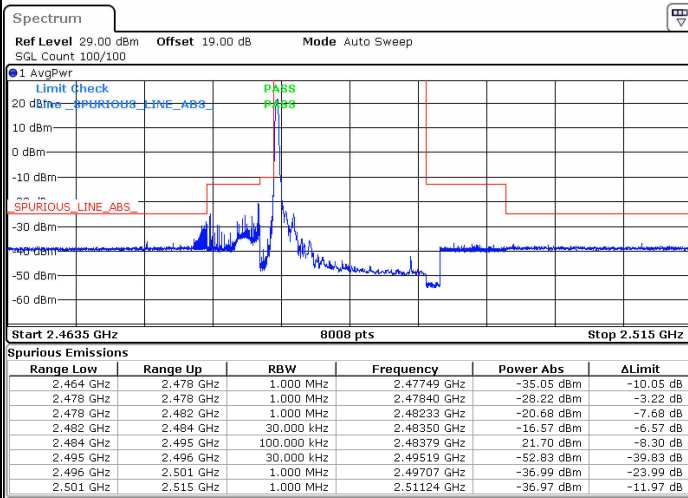




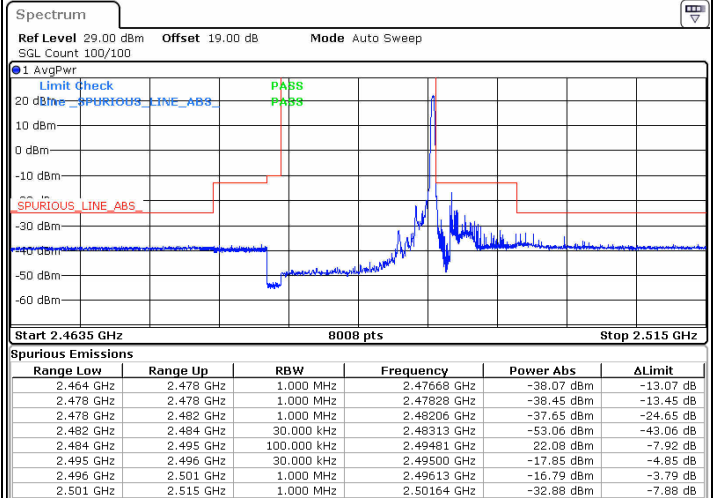
LTE Band 53 / 3MHz / QPSK

Lowest Band Edge / 1RB



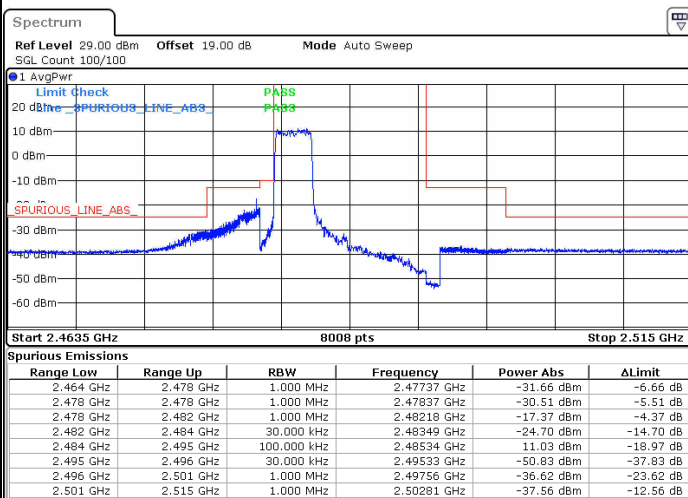
Date: 28.SEP.2025 22:07:37

Highest Band Edge / 1RB



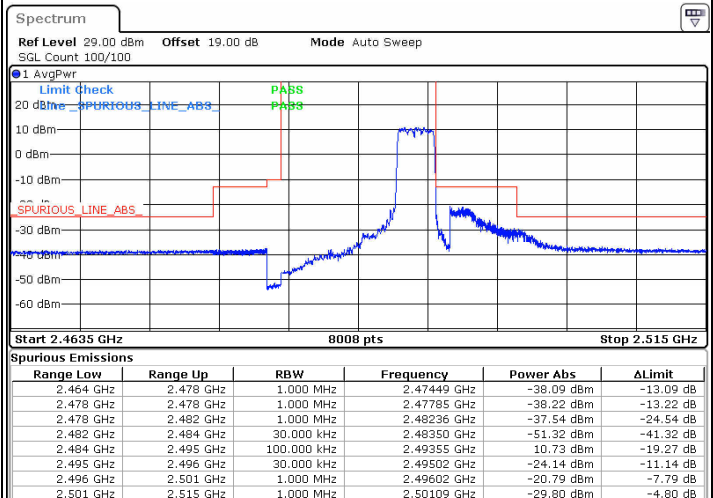
Date: 28.SEP.2025 22:19:19

Lowest Band Edge / Full RB



Date: 28.SEP.2025 22:14:44

Highest Band Edge / Full RB

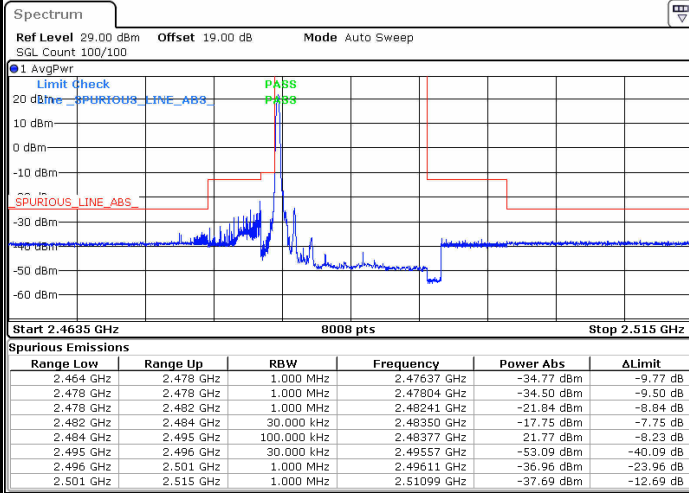


Date: 28.SEP.2025 22:16:03



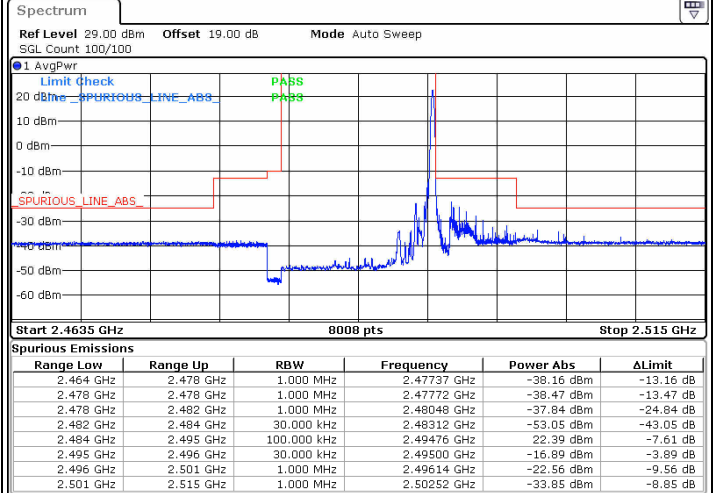
LTE Band 53 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



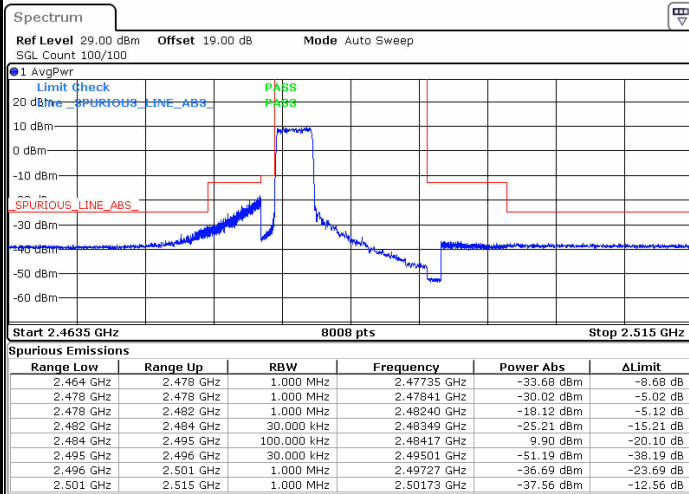
Date: 28.SEP.2025 22:10:02

Highest Band Edge / 1 RB



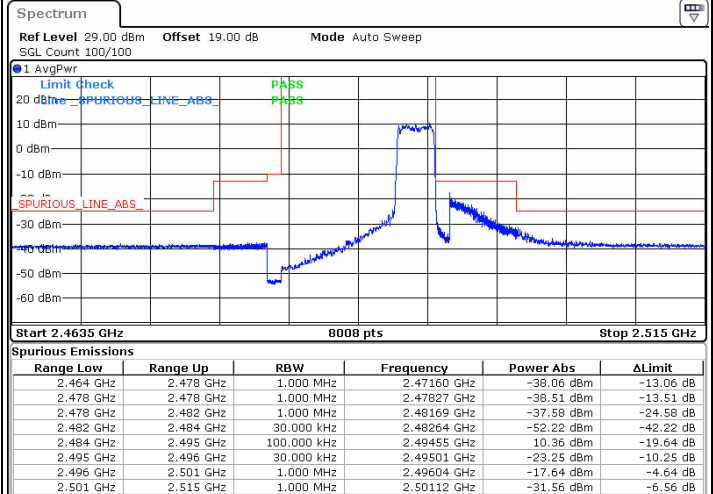
Date: 28.SEP.2025 22:18:42

Lowest Band Edge / Full RB



Date: 28.SEP.2025 22:13:48

Highest Band Edge / Full RB

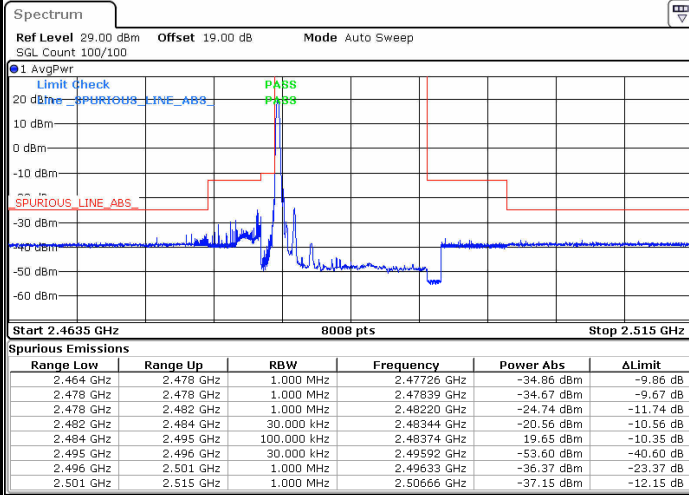


Date: 28.SEP.2025 22:16:46



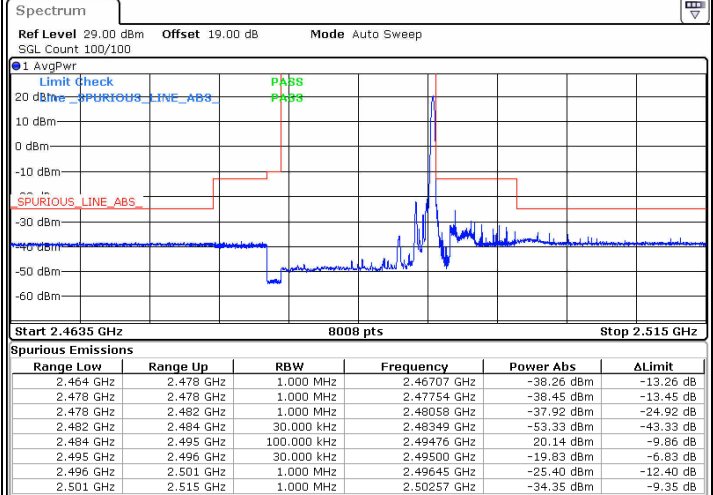
LTE Band 53 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



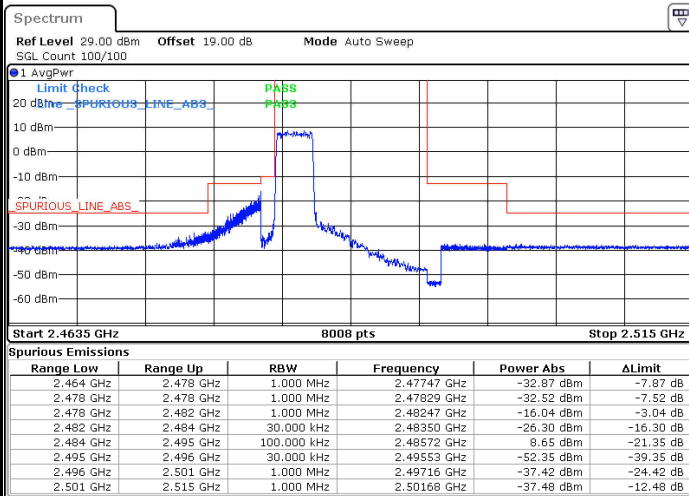
Date: 28.SEP.2025 22:11:03

Highest Band Edge / 1 RB



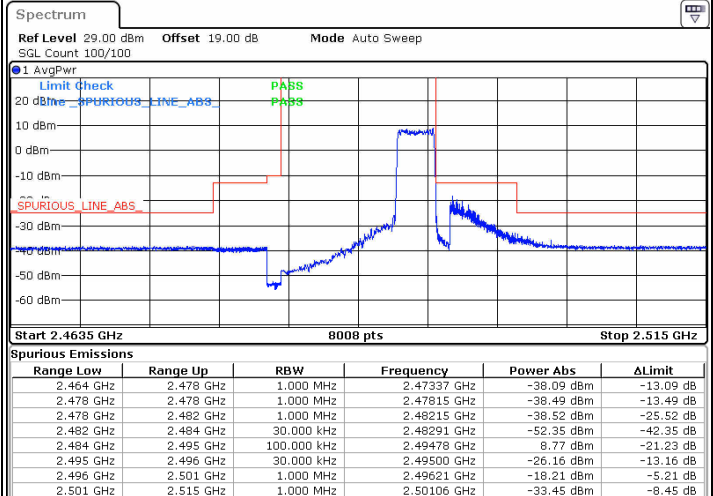
Date: 28.SEP.2025 22:18:03

Lowest Band Edge / Full RB



Date: 28.SEP.2025 22:11:38

Highest Band Edge / Full RB

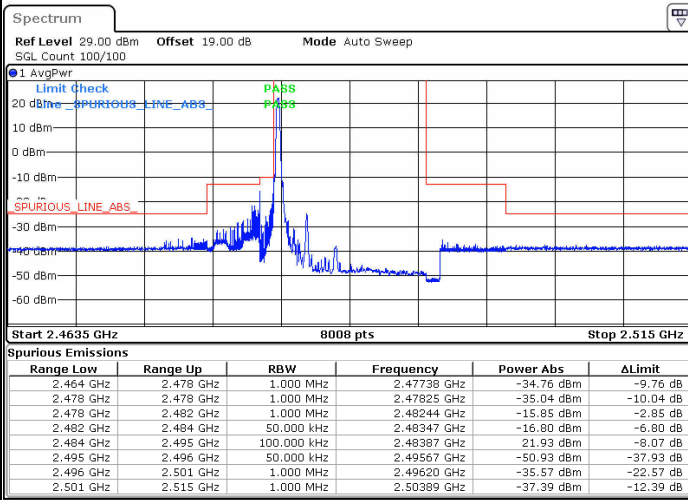


Date: 28.SEP.2025 22:17:27



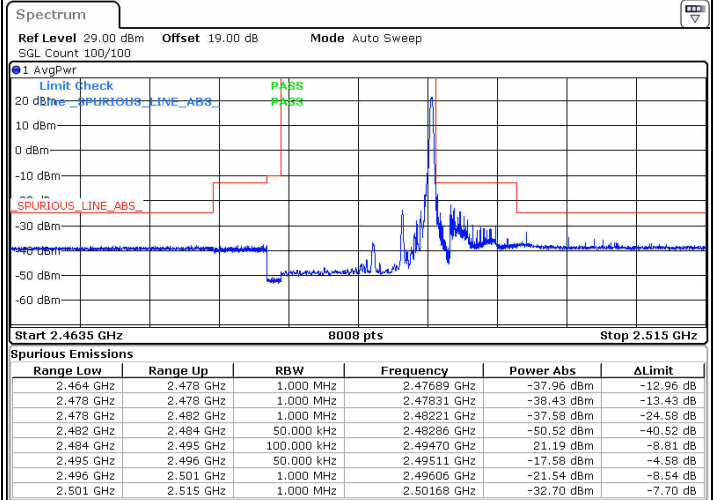
LTE Band 53 / 5MHz / QPSK

Lowest Band Edge / 1RB



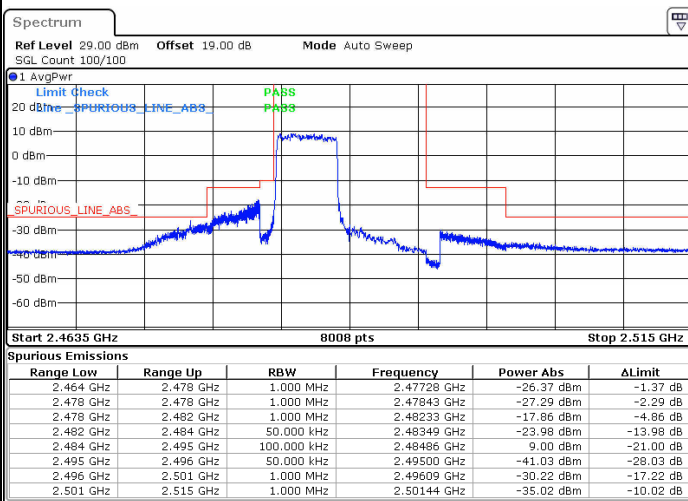
Date: 28.SEP.2025 22:27:01

Highest Band Edge / 1RB



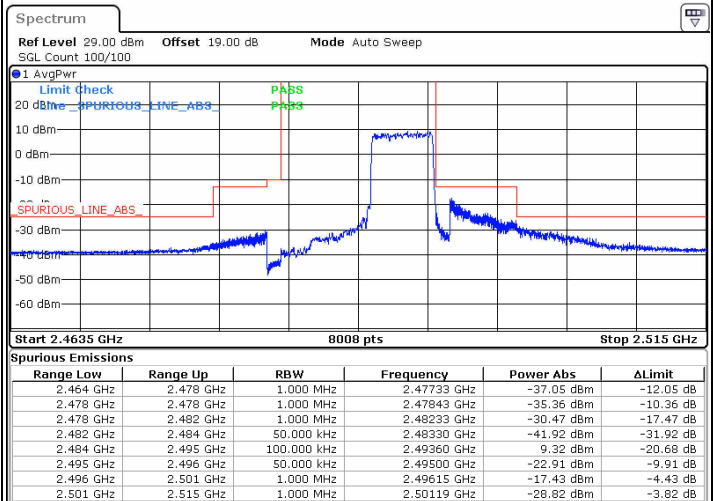
Date: 28.SEP.2025 23:20:49

Lowest Band Edge / Full RB



Date: 28.SEP.2025 23:06:16

Highest Band Edge / Full RB



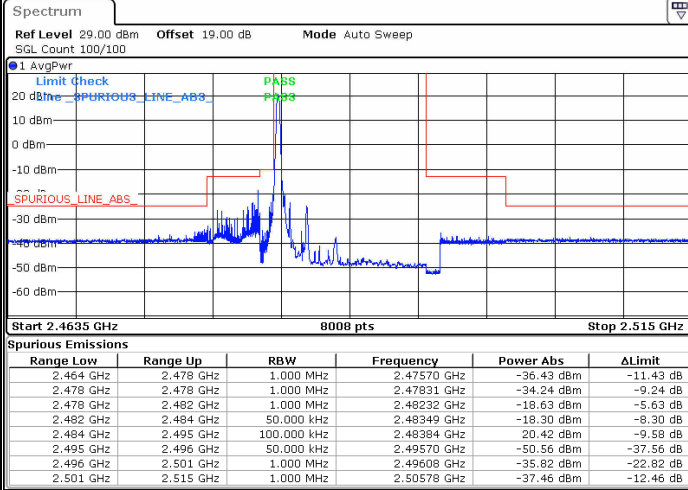
Date: 28.SEP.2025 23:24:30



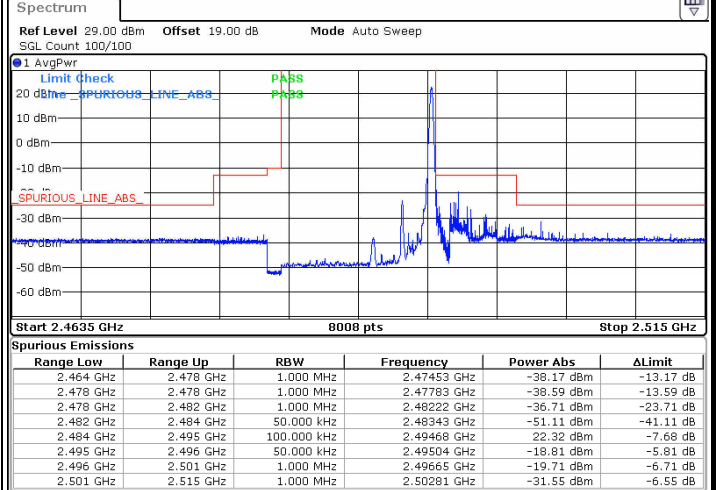
LTE Band 53 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



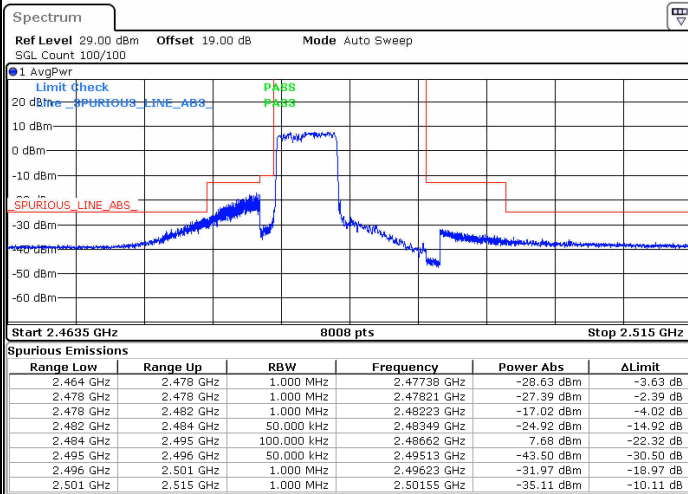
Date: 28.SEP.2025 23:02:56



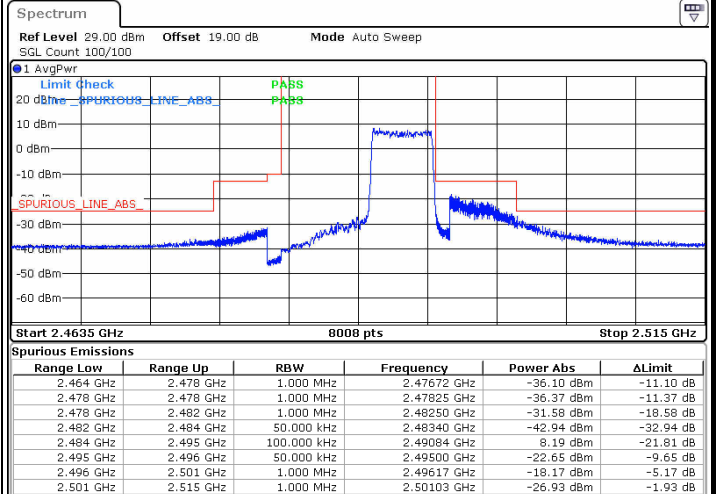
Date: 28.SEP.2025 23:21:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.SEP.2025 23:05:13

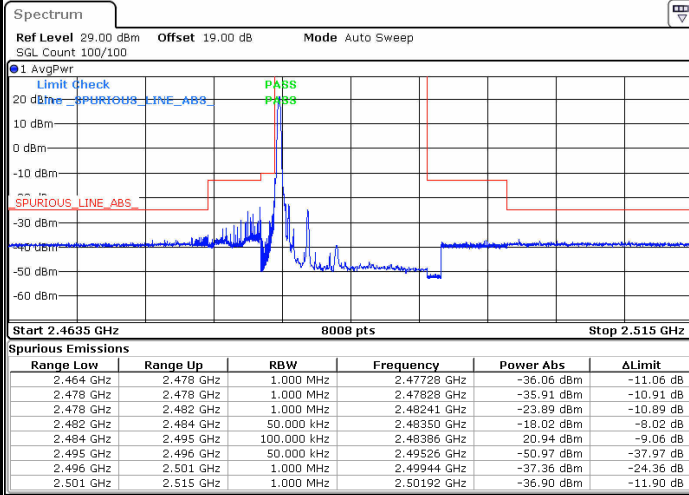


Date: 28.SEP.2025 23:23:42



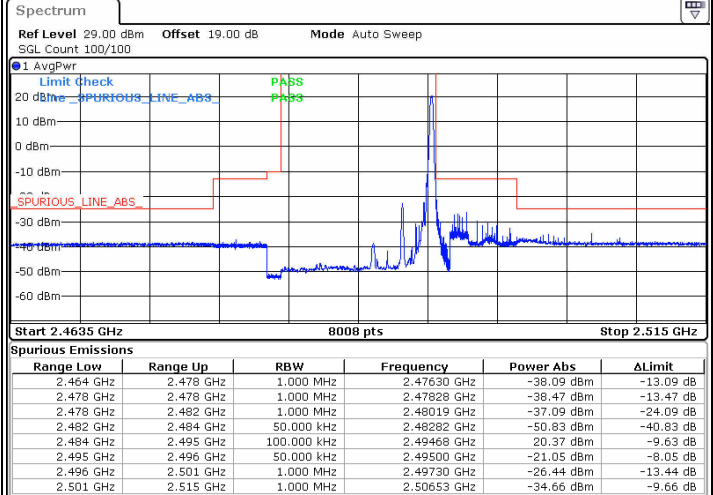
LTE Band 53 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



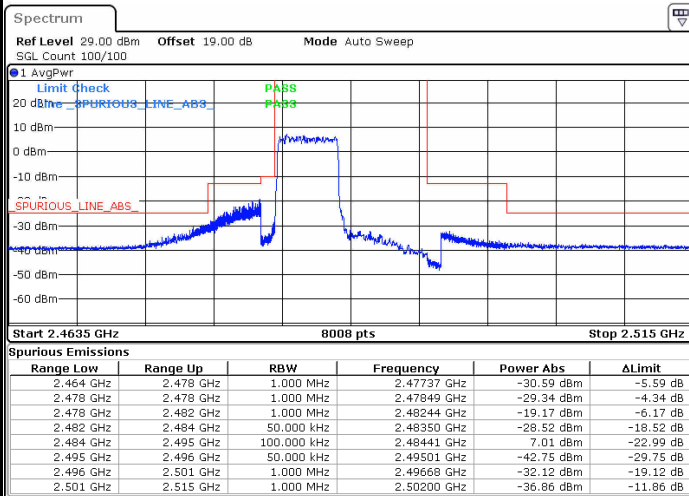
Date: 28.SEP.2025 23:03:38

Highest Band Edge / 1 RB



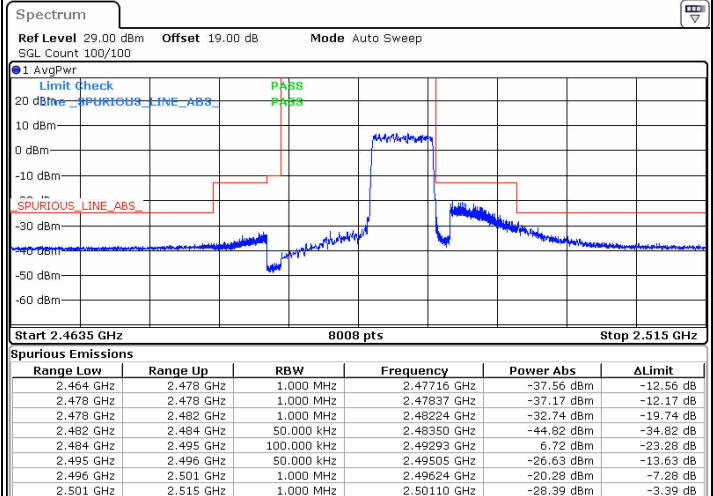
Date: 28.SEP.2025 23:22:08

Lowest Band Edge / Full RB



Date: 28.SEP.2025 23:04:33

Highest Band Edge / Full RB

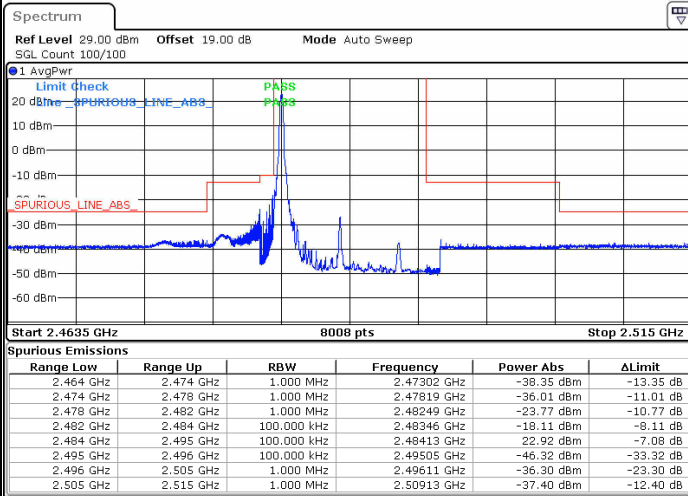


Date: 28.SEP.2025 23:22:51



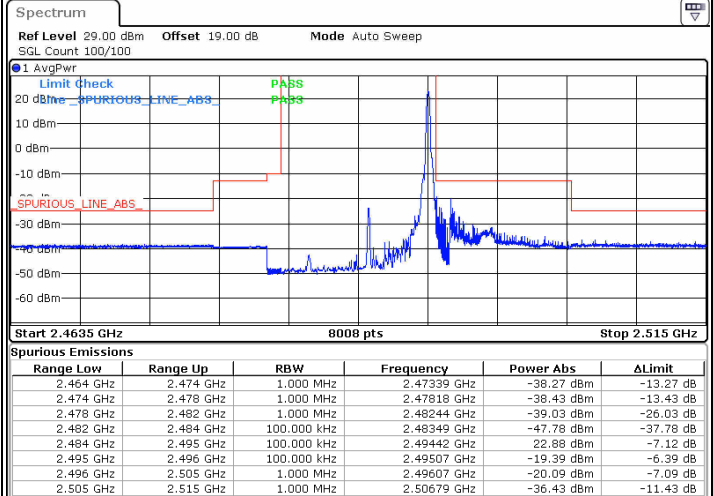
LTE Band 53 / 10MHz / QPSK

Lowest Band Edge / 1RB



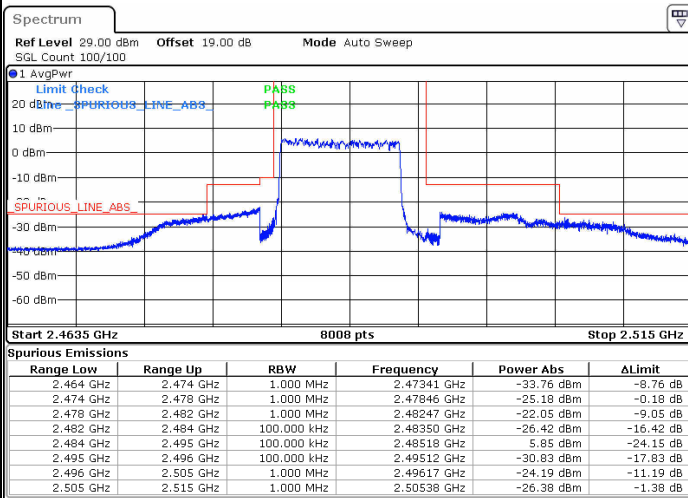
Date: 28.SEP.2025 23:51:33

Highest Band Edge / 1RB



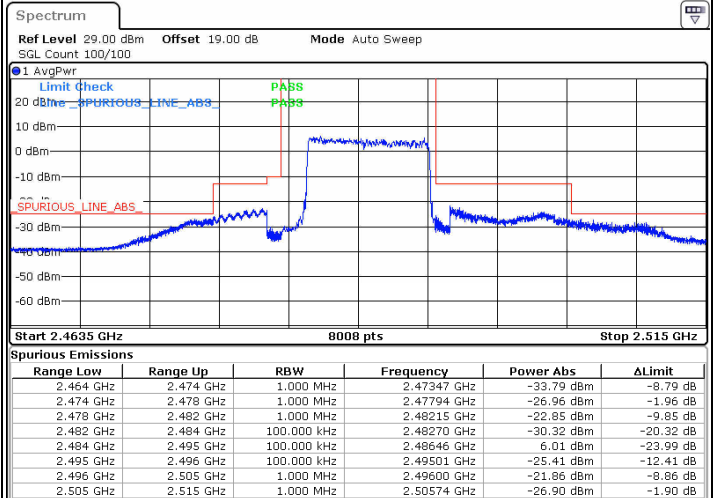
Date: 28.SEP.2025 23:59:09

Lowest Band Edge / Full RB



Date: 28.SEP.2025 23:45:34

Highest Band Edge / Full RB

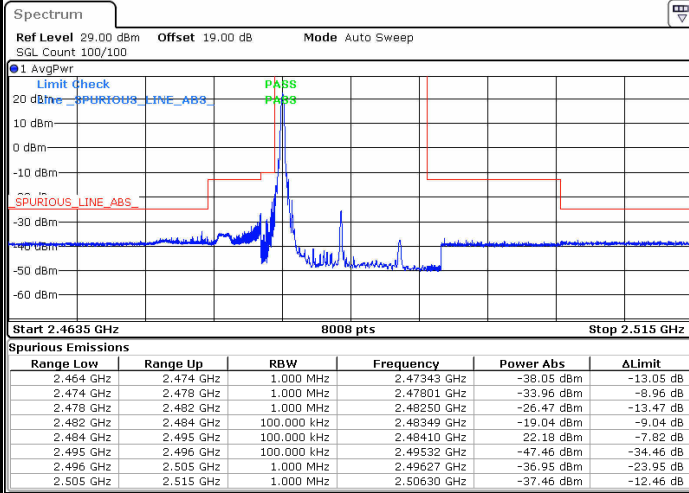


Date: 29.SEP.2025 00:03:20



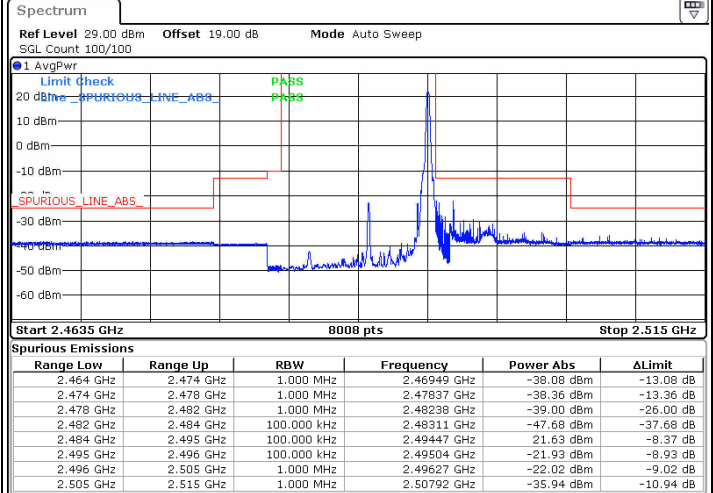
LTE Band 53 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



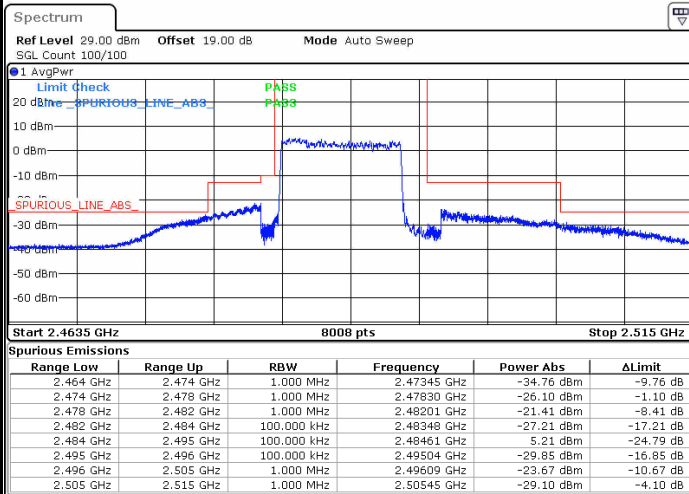
Date: 28.SEP.2025 23:50:13

Highest Band Edge / 1 RB



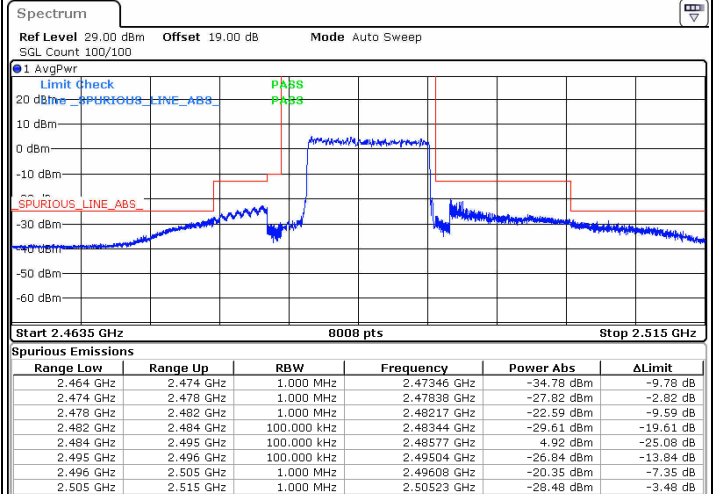
Date: 28.SEP.2025 23:59:40

Lowest Band Edge / Full RB



Date: 28.SEP.2025 23:47:00

Highest Band Edge / Full RB

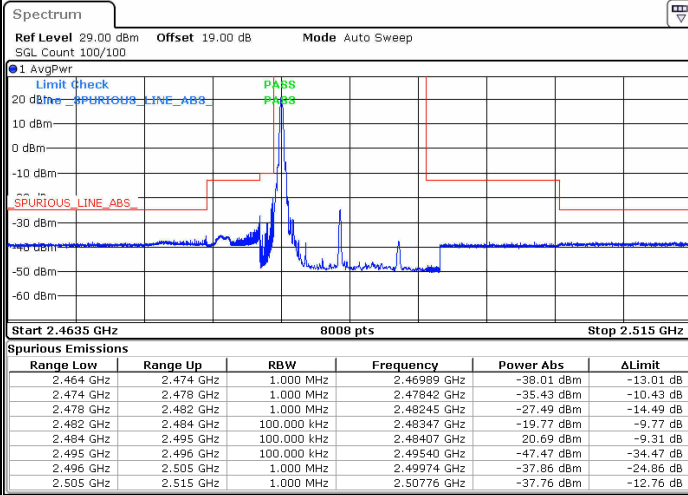


Date: 29.SEP.2025 00:02:20



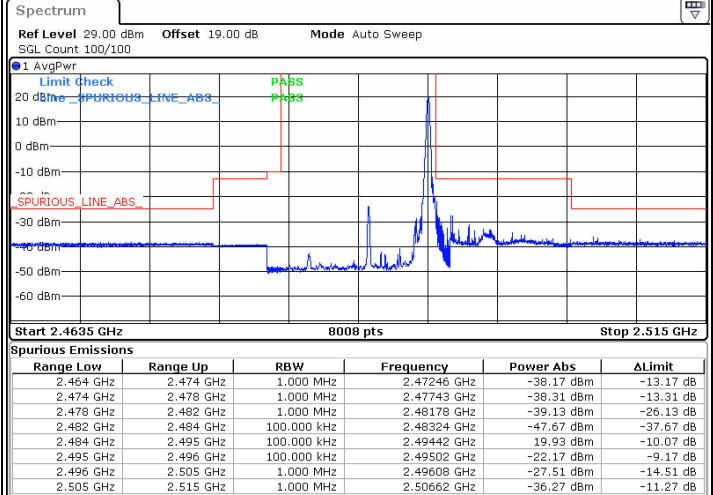
LTE Band 53 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



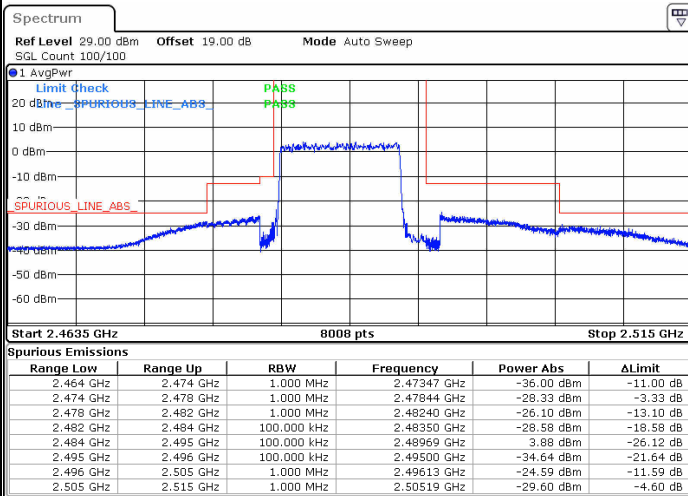
Date: 28.SEP.2025 23:48:44

Highest Band Edge / 1 RB



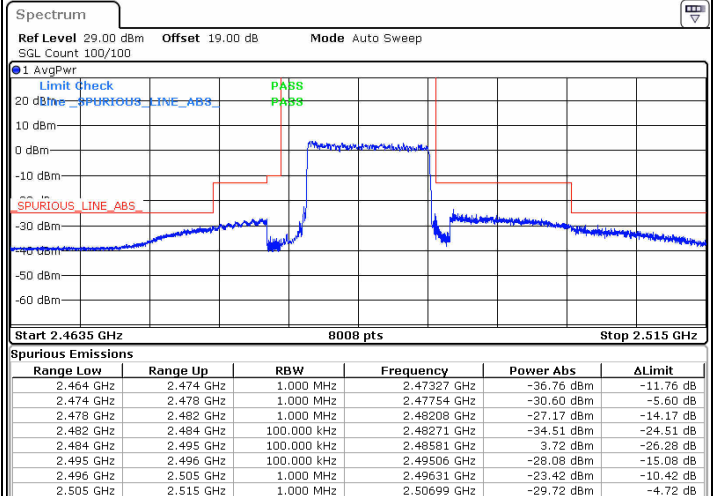
Date: 29.SEP.2025 00:01:13

Lowest Band Edge / Full RB



Date: 28.SEP.2025 23:47:33

Highest Band Edge / Full RB



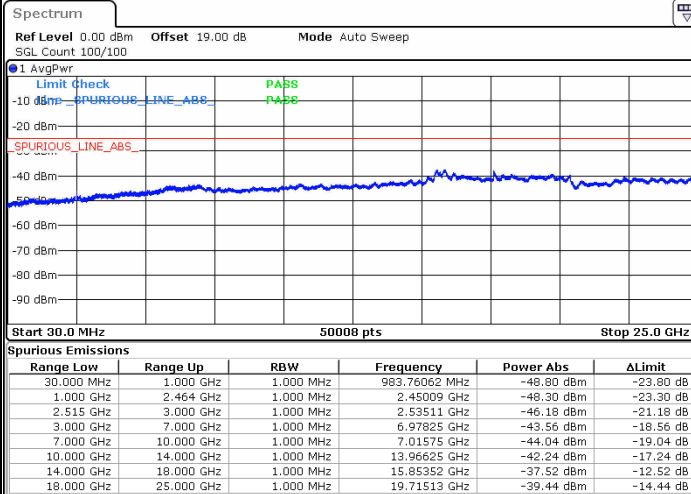
Date: 29.SEP.2025 00:01:49



Conducted Spurious Emission

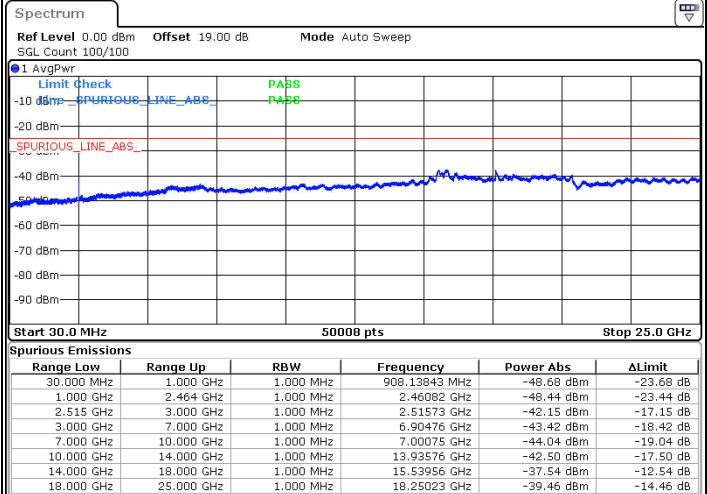
LTE Band 53 / 1.4MHz

Lowest Channel / QPSK



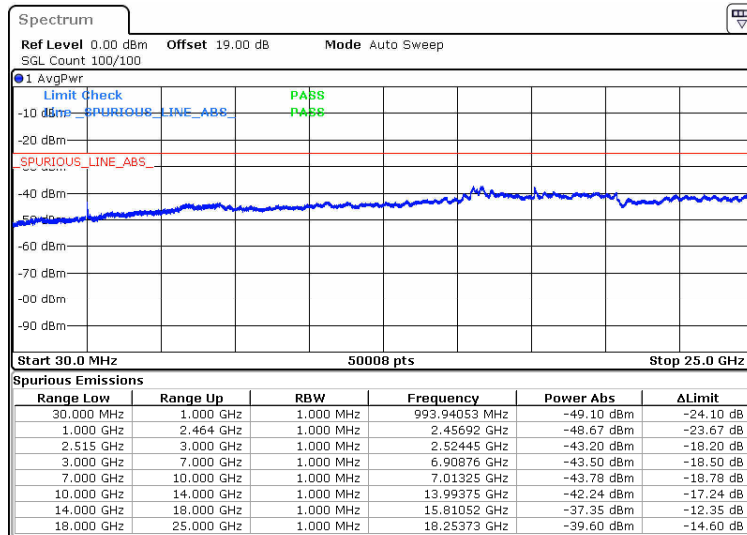
Date: 28.SEP.2025 20:44:40

Middle Channel / QPSK



Date: 28.SEP.2025 20:43:24

Highest Channel / QPSK

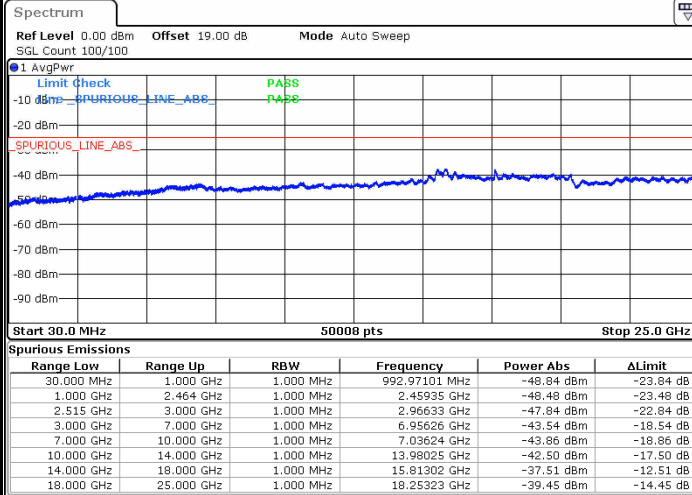


Date: 28.SEP.2025 21:24:27



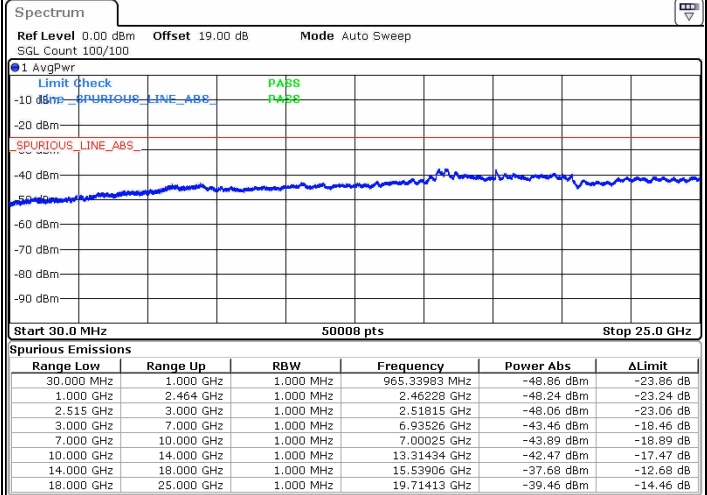
LTE Band 53 / 3MHz

Lowest Channel / QPSK



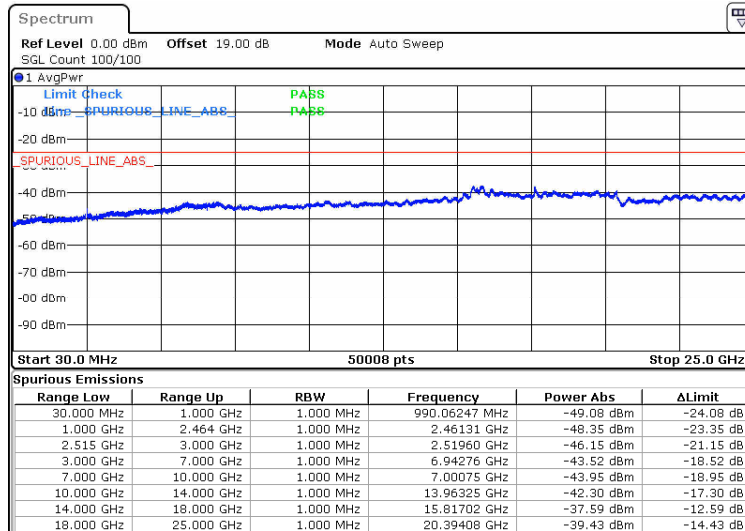
Date: 28.SEP.2025 22:08:53

Middle Channel / QPSK



Date: 28.SEP.2025 22:06:56

Highest Channel / QPSK

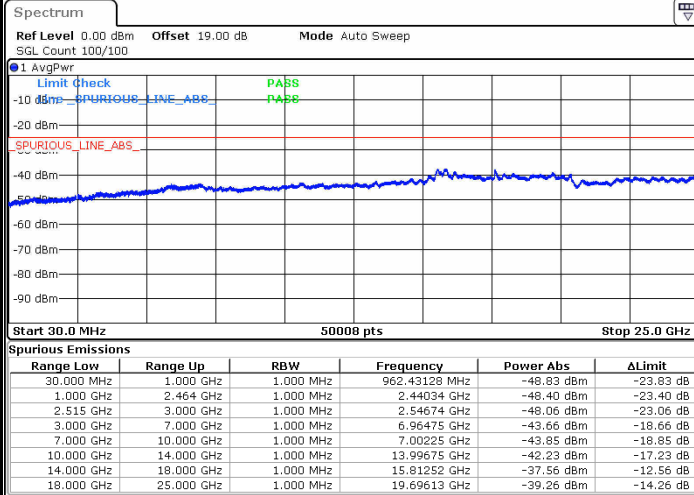


Date: 28.SEP.2025 22:20:37



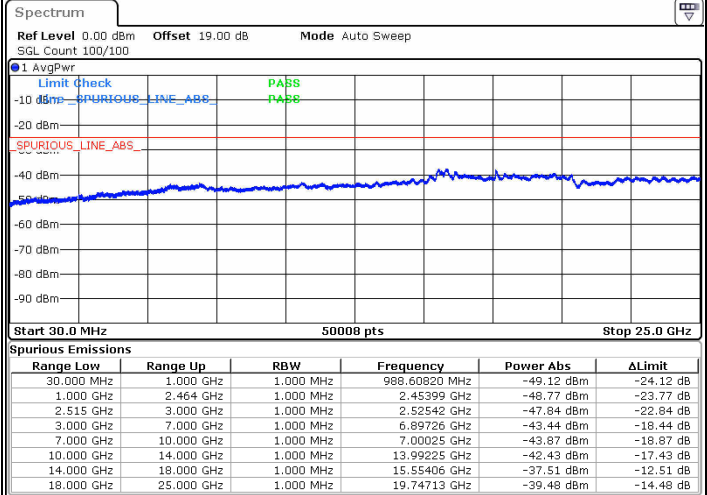
LTE Band 53 / 5MHz

Lowest Channel / QPSK



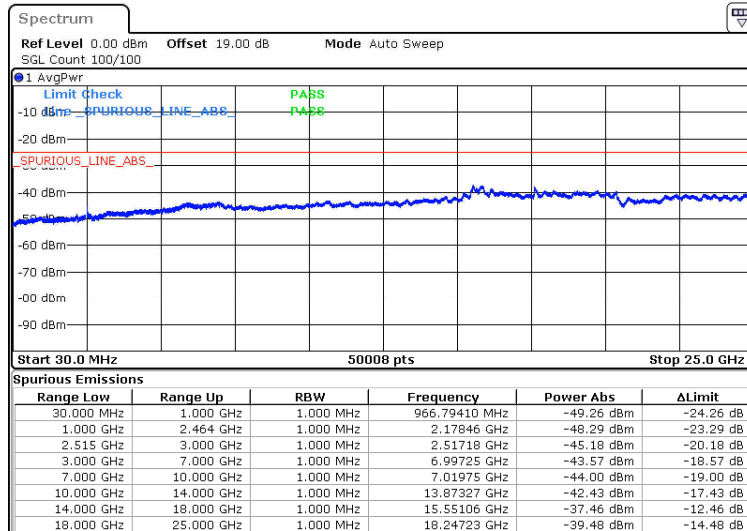
Date: 28.SEP.2025 23:00:17

Middle Channel / QPSK



Date: 28.SEP.2025 23:11:35

Highest Channel / QPSK

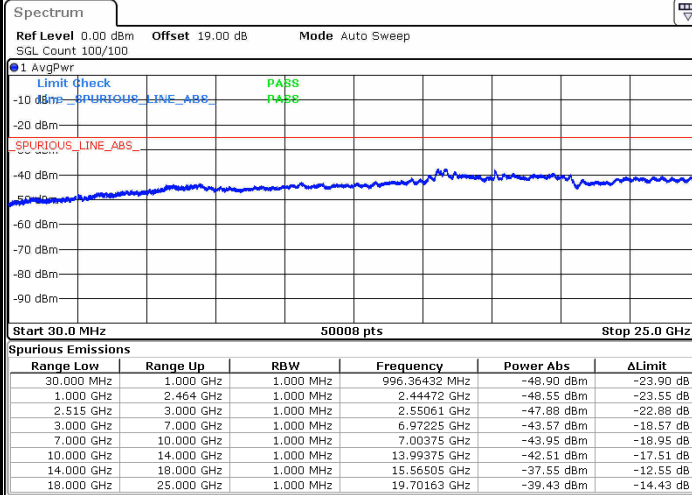


Date: 28.SEP.2025 23:20:18



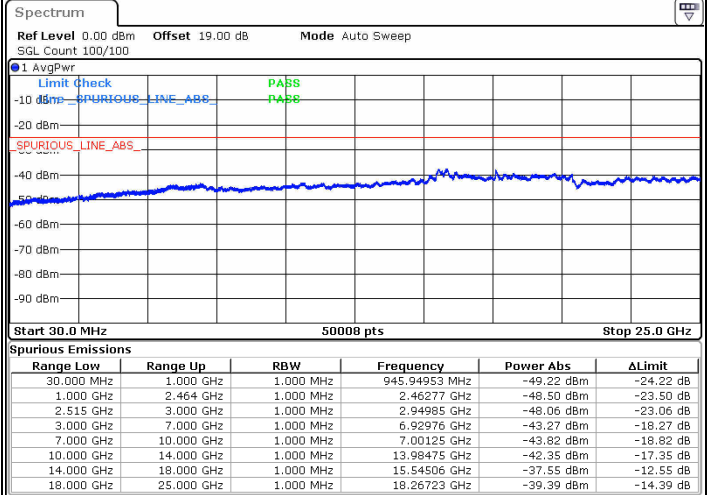
LTE Band 53 / 10MHz

Lowest Channel / QPSK



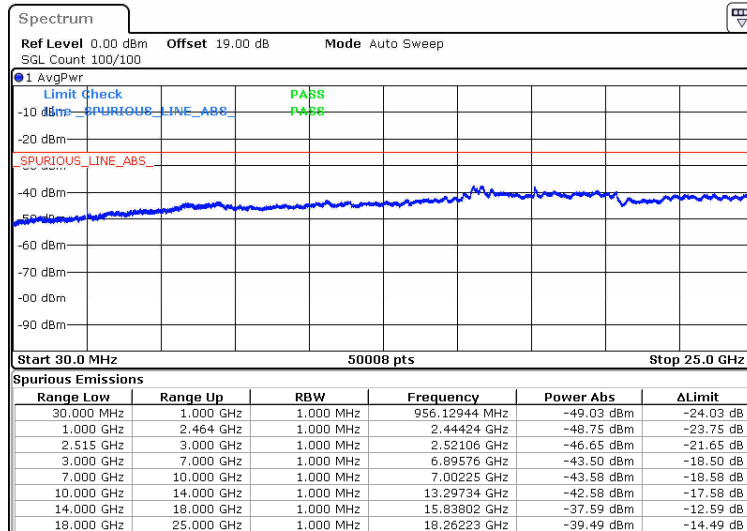
Date: 28.SEP.2025 23:53:46

Middle Channel / QPSK



Date: 28.SEP.2025 23:34:15

Highest Channel / QPSK



Date: 28.SEP.2025 23:58:17

Frequency Stability

Test Conditions		LTE Band 53 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	1.5	PASS
40	Normal Voltage	3.1	
30	Normal Voltage	2.4	
20(Ref.)	Normal Voltage	2.6	
10	Normal Voltage	2.1	
0	Normal Voltage	2.9	
-10	Normal Voltage	3.3	
-20	Normal Voltage	1.1	
-30	Normal Voltage	1.9	
20	Maximum Voltage	2.3	
20	Normal Voltage	2.6	
20	Battery End Point	3.7	

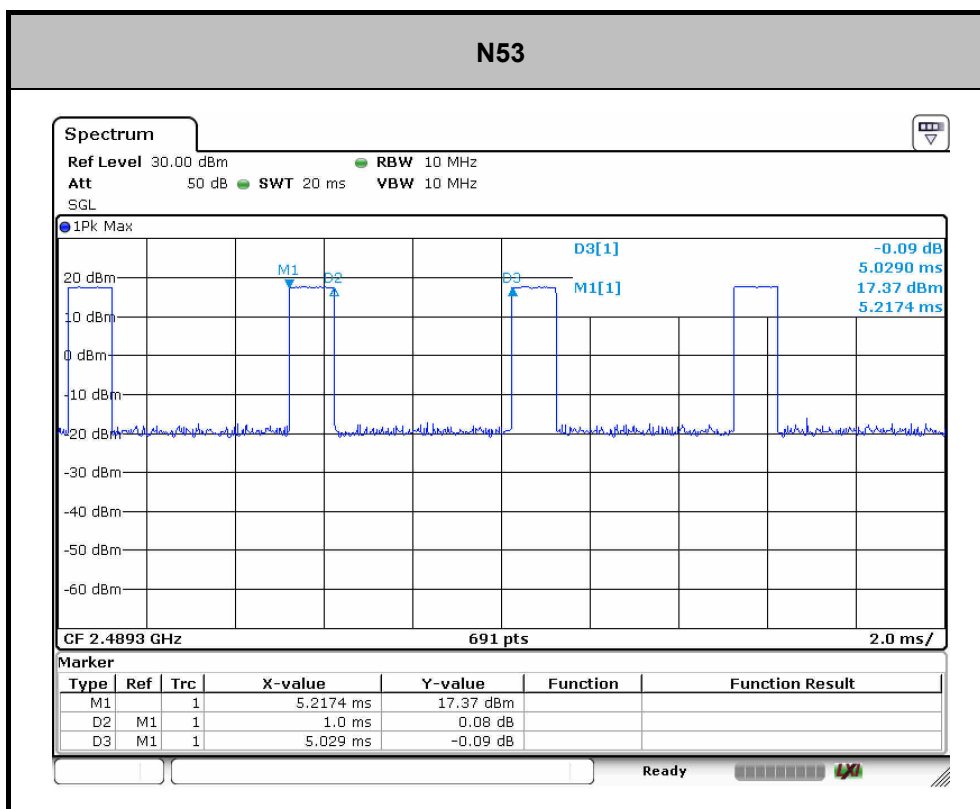
Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

5G NR n53

Duty Cycle

Mode	N53 : Duty Cycle	
BW	-	10MHz
Middle CH	D2 (ms)	1
	D3 (ms)	5
	Duty Cycle (%)	20
	Duty Cycle Offset(dB)	7





Peak-to-Average Ratio

Mode	N53 / 10MHz			
Mod.	BPSK	QPSK		Limit: 13dB
RB Size	Full RB	Full RB		Result
Lowest CH	6.72	7.48		PASS
Middle CH	6.7	7.48		PASS
Highest CH	6.72	7.45		PASS