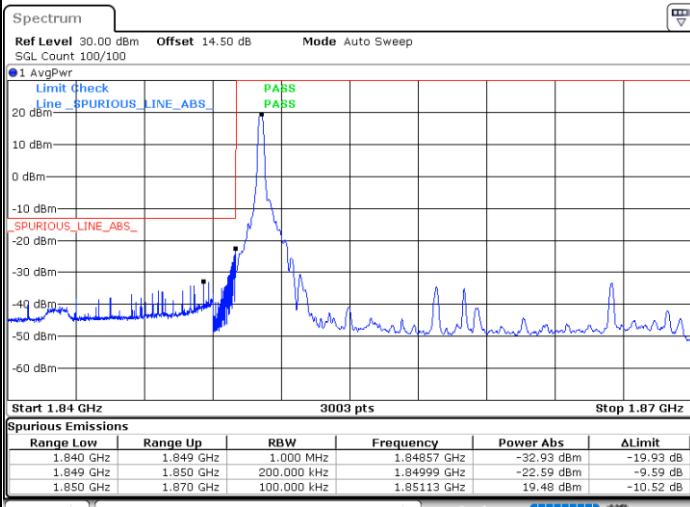


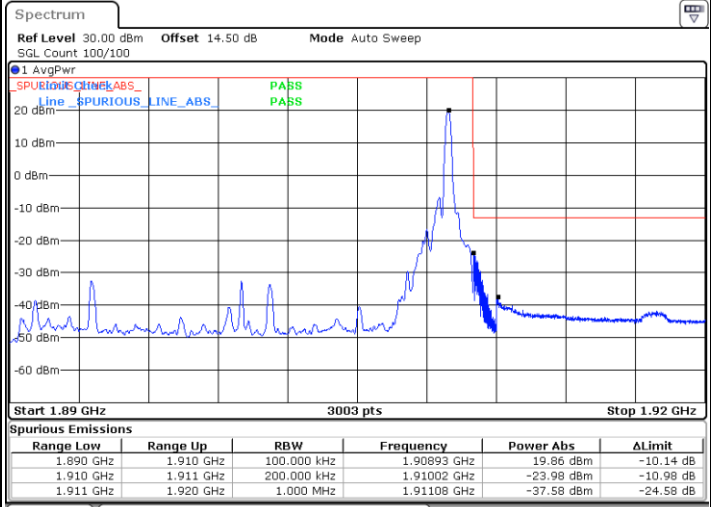


LTE Band 2 / 20MHz / QPSK

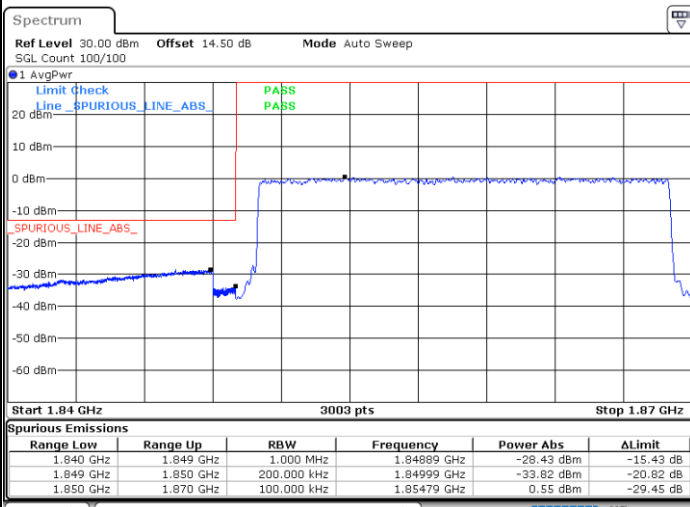
Lowest Band Edge / 1RB



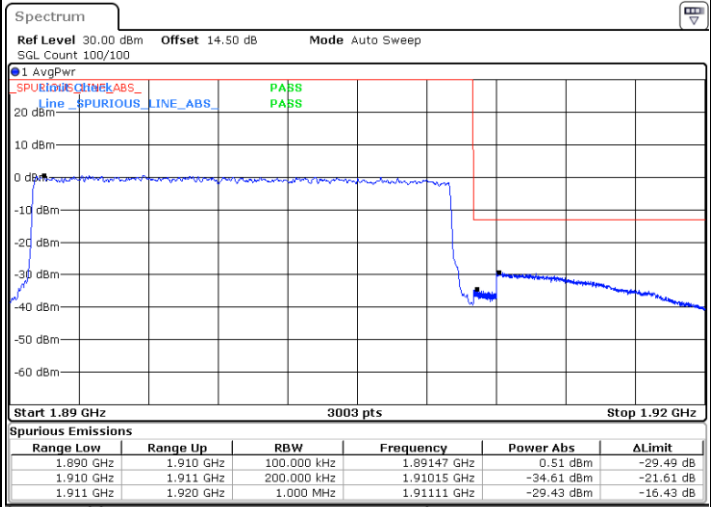
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



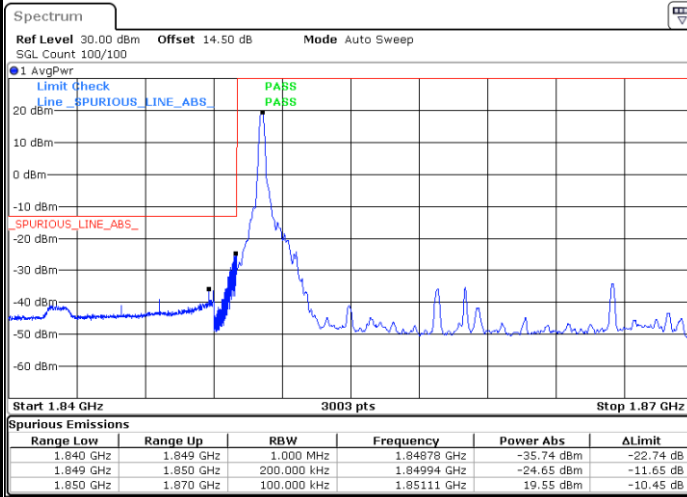
Highest Band Edge / Full RB





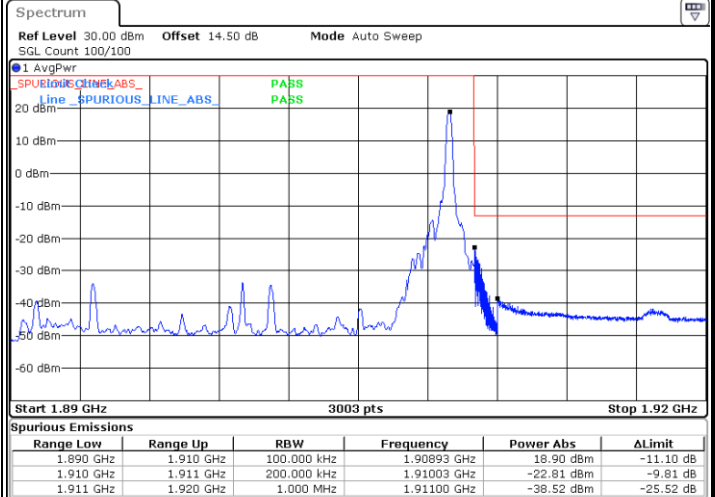
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



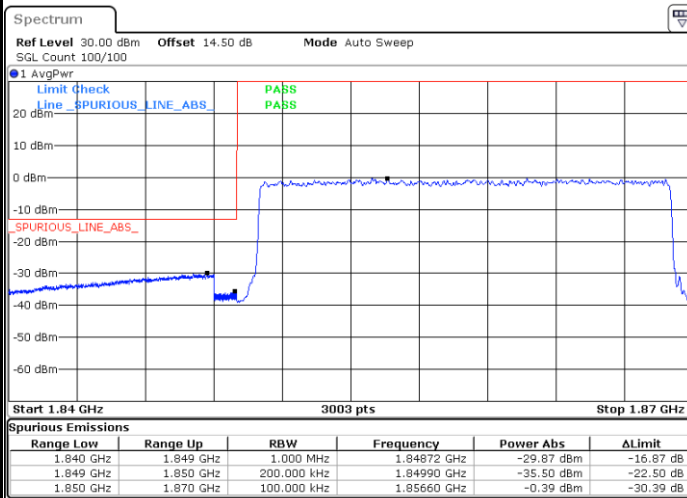
Date: 4.MAR.2025 13:46:16

Highest Band Edge / 1 RB



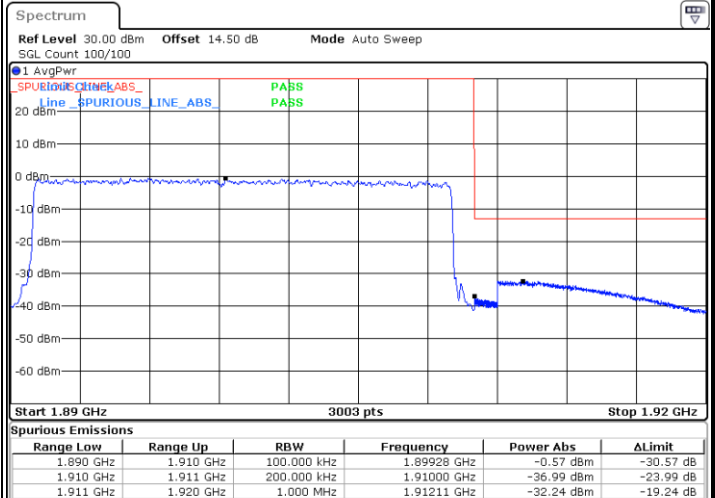
Date: 4.MAR.2025 14:12:10

Lowest Band Edge / Full RB



Date: 4.MAR.2025 14:04:02

Highest Band Edge / Full RB

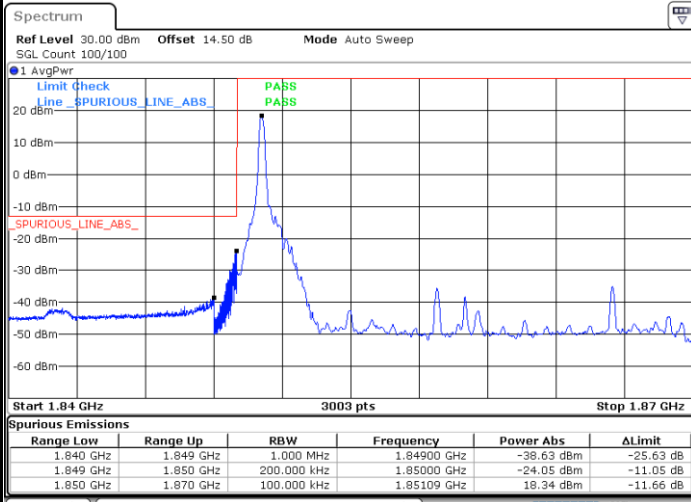


Date: 4.MAR.2025 14:14:31



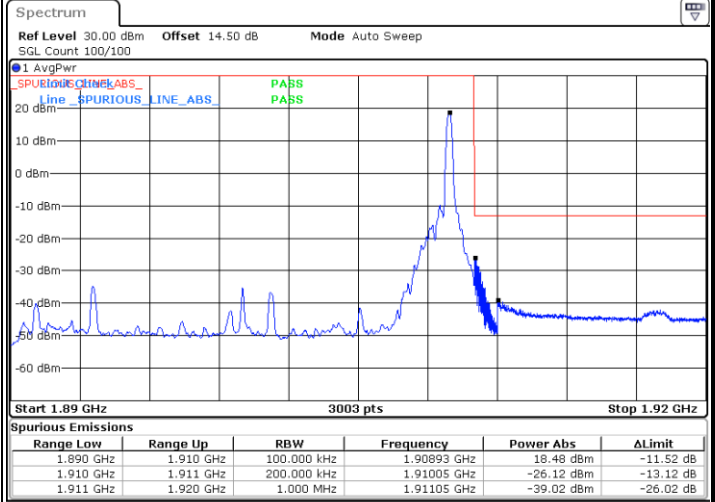
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



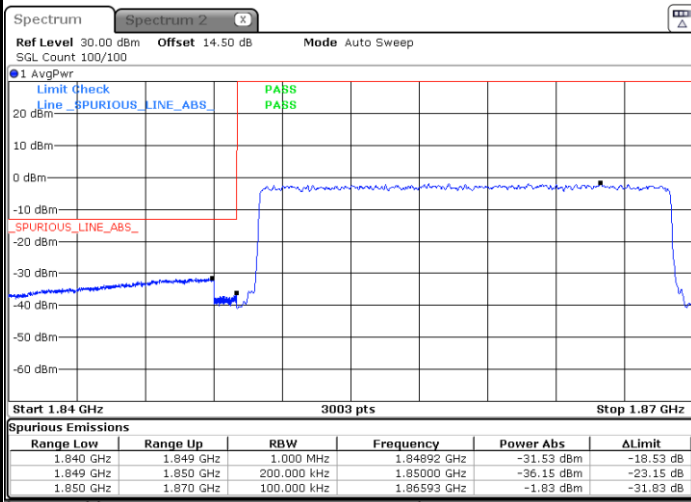
Date: 4.MAR.2025 14:56:44

Highest Band Edge / 1 RB



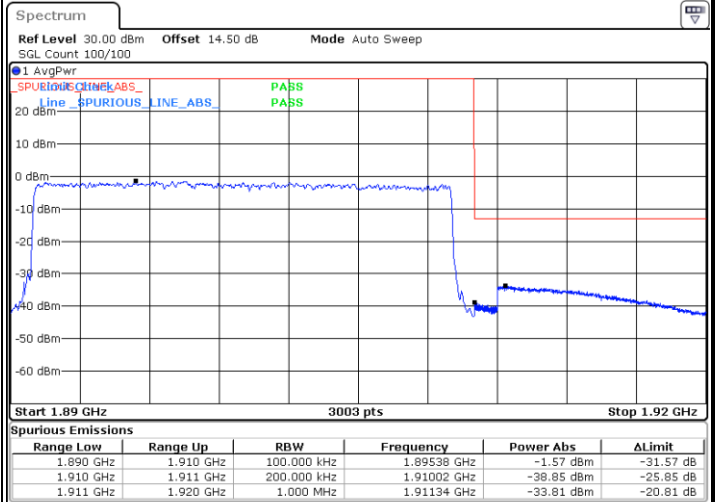
Date: 4.MAR.2025 14:12:57

Lowest Band Edge / Full RB



Date: 5 MAR 2025 14:10:08

Highest Band Edge / Full RB



Date: 4.MAR.2025 14:15:18

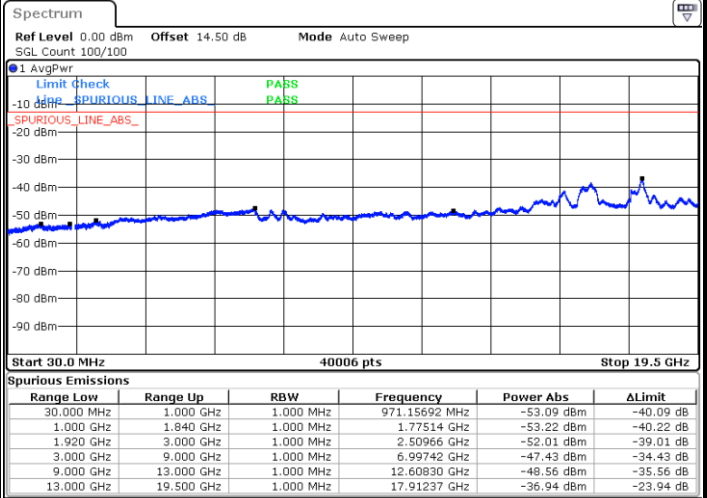
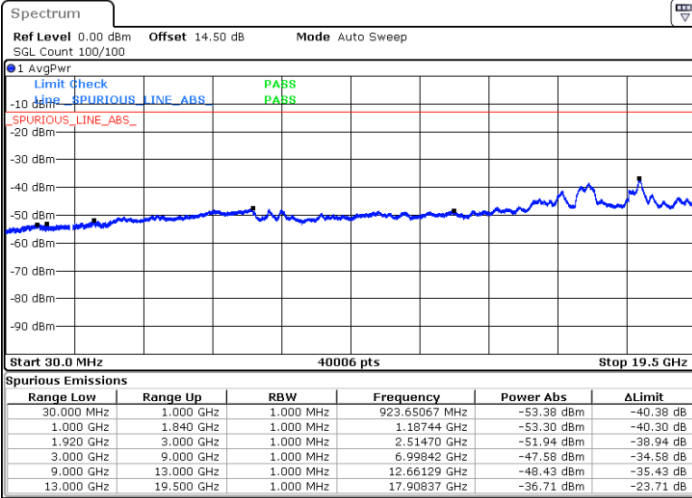


Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

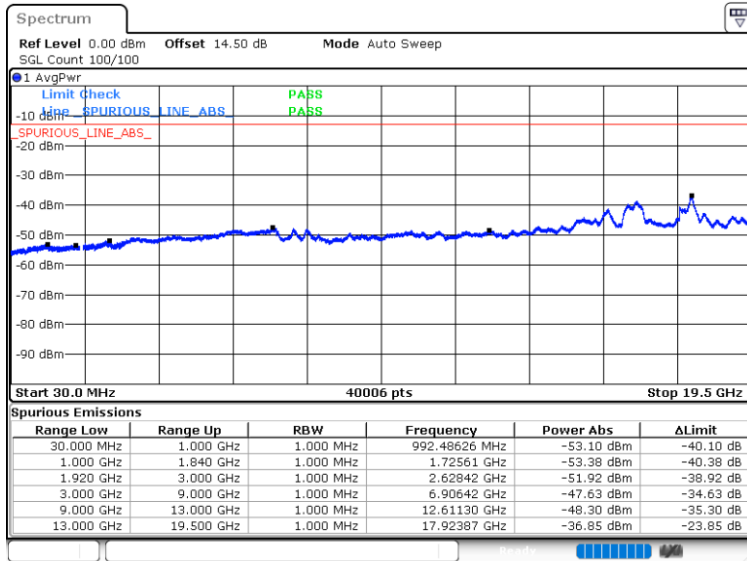
Middle Channel / QPSK



Date: 4.MAR.2025 12:26:44

Date: 4.MAR.2025 12:30:06

Highest Channel / QPSK



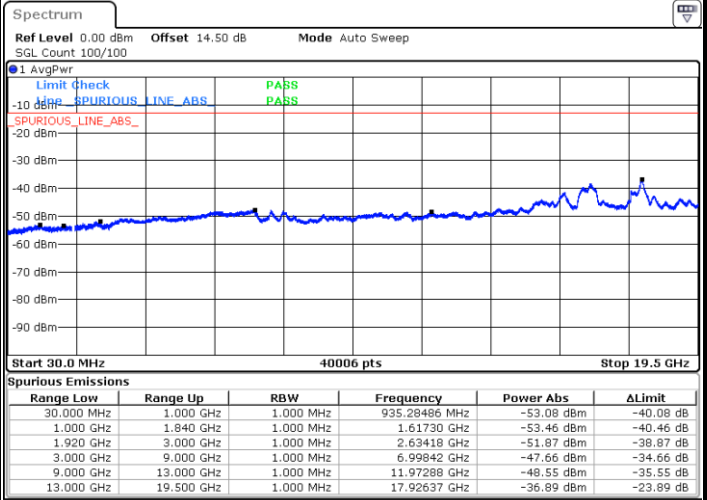
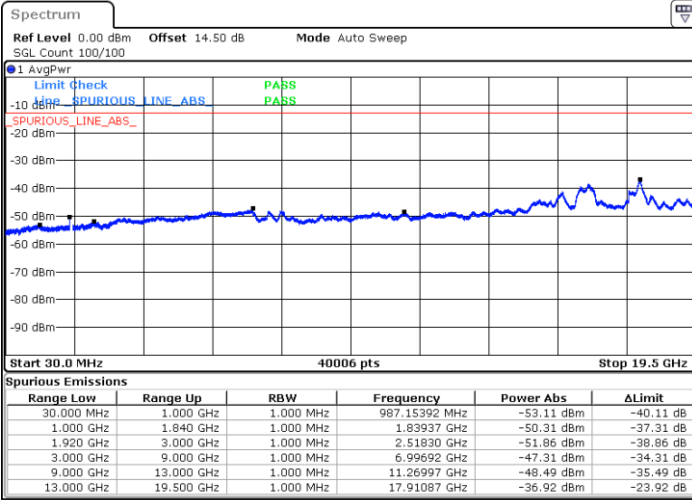
Date: 4.MAR.2025 12:34:55



LTE Band 2 / 3MHz

Lowest Channel / QPSK

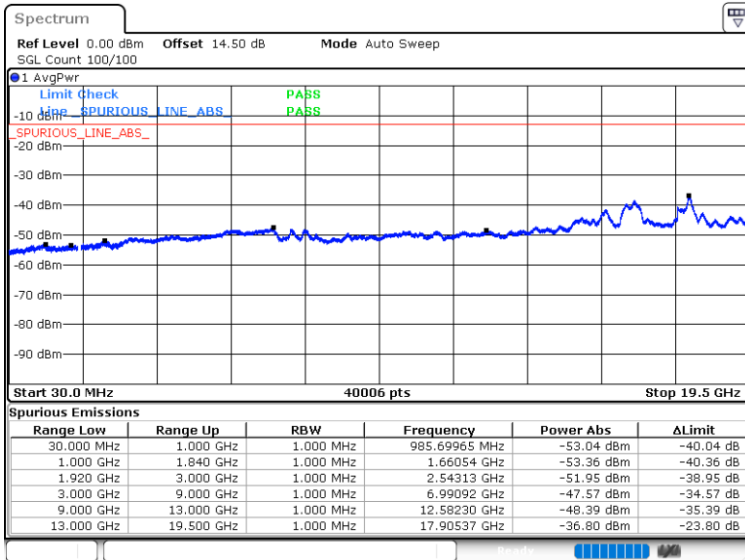
Middle Channel / QPSK



Date: 4.MAR.2025 12:41:27

Date: 4.MAR.2025 14:53:04

Highest Channel / QPSK



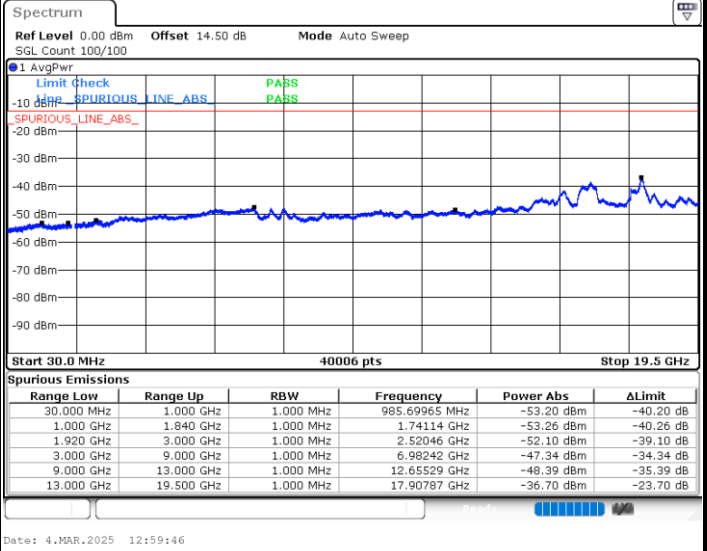
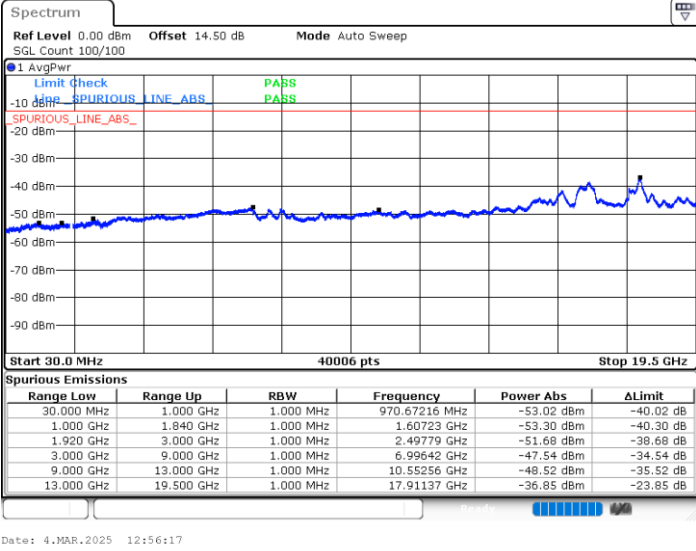
Date: 4.MAR.2025 12:52:02



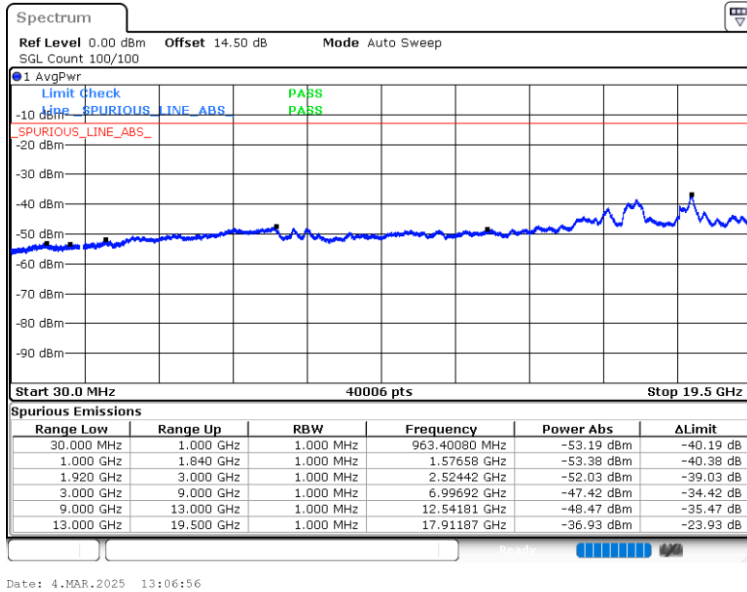
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

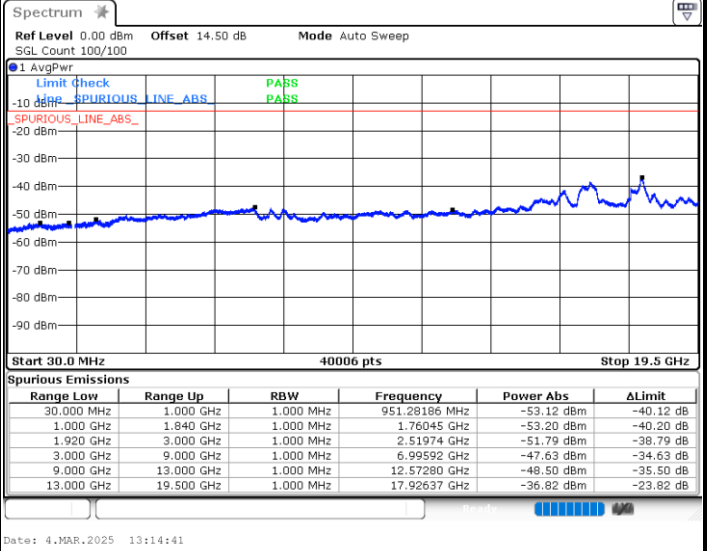
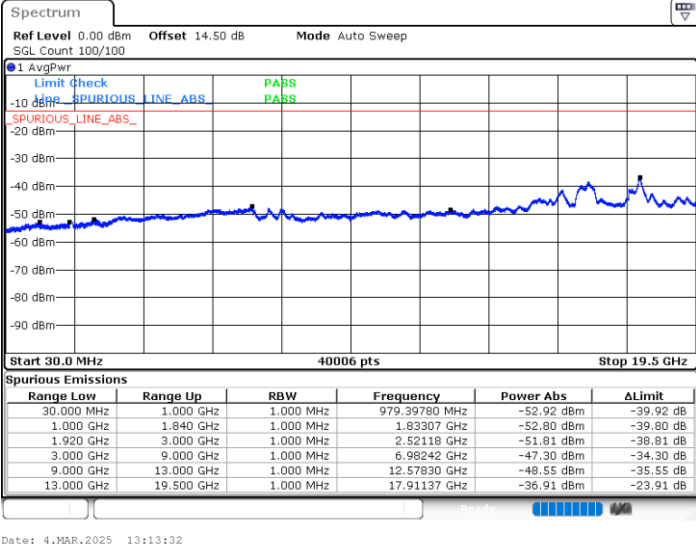




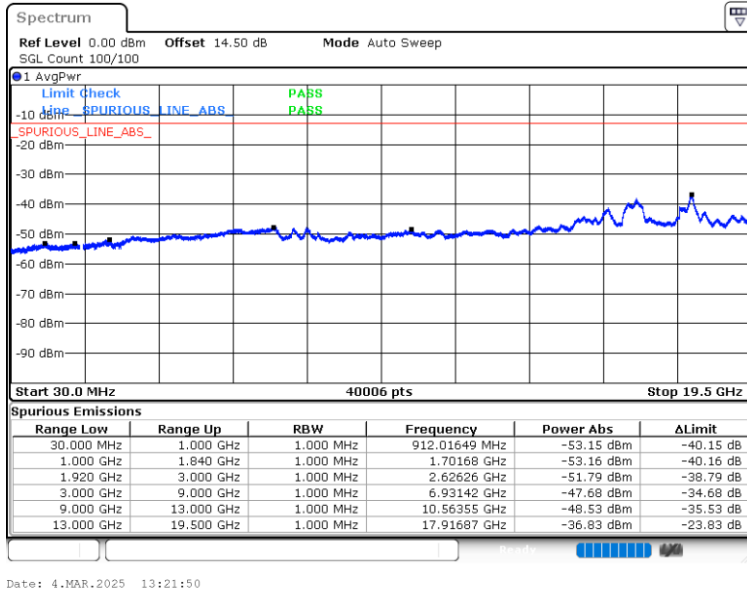
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

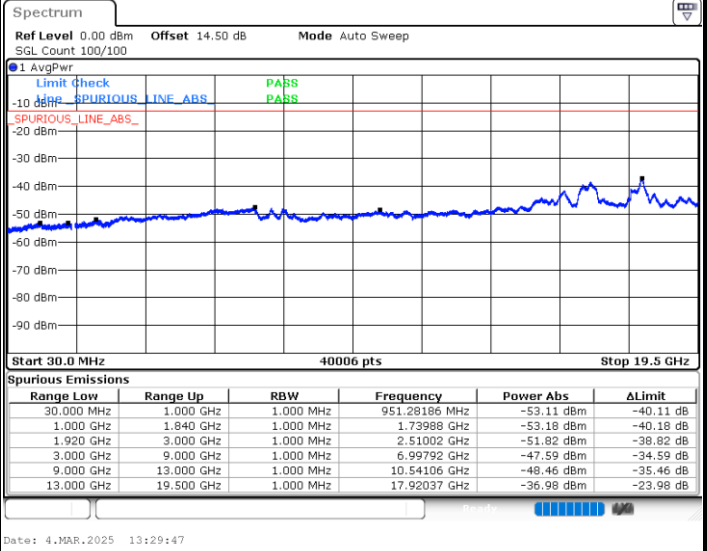
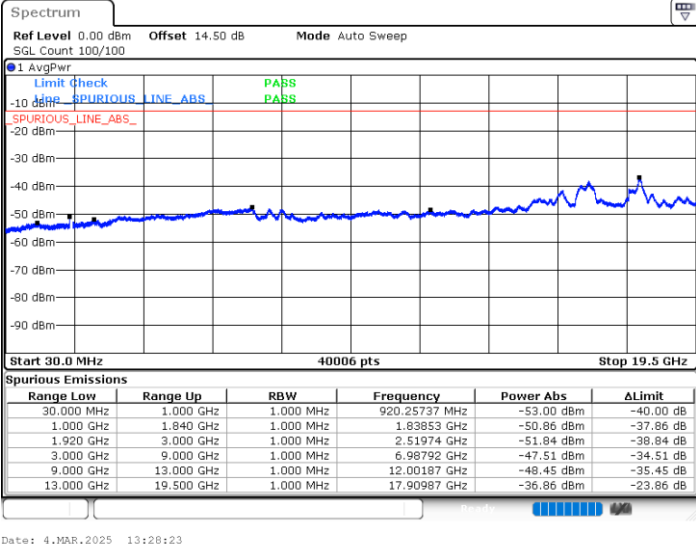




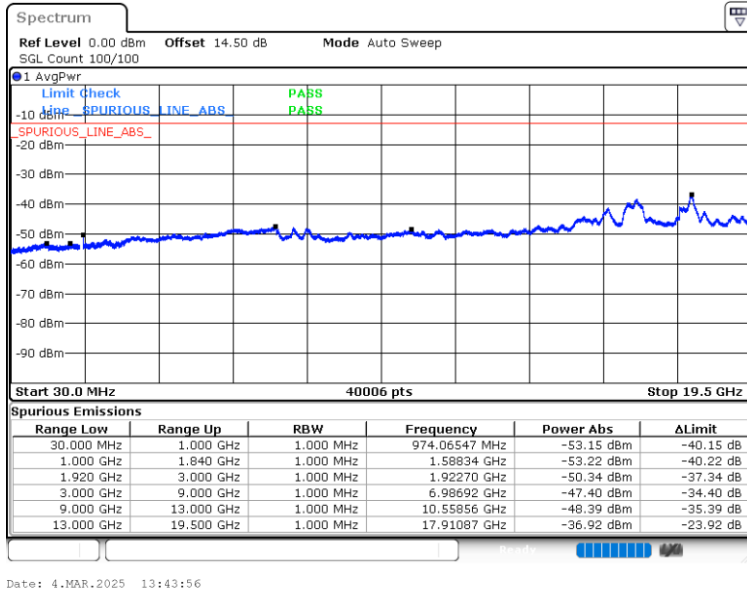
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

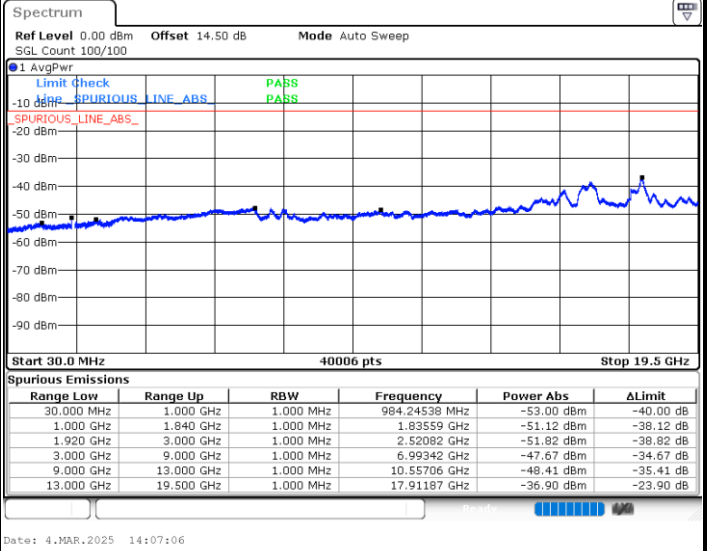
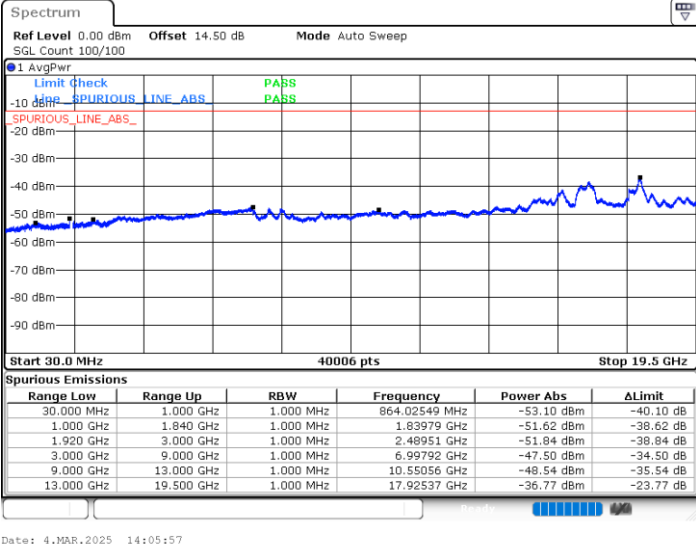




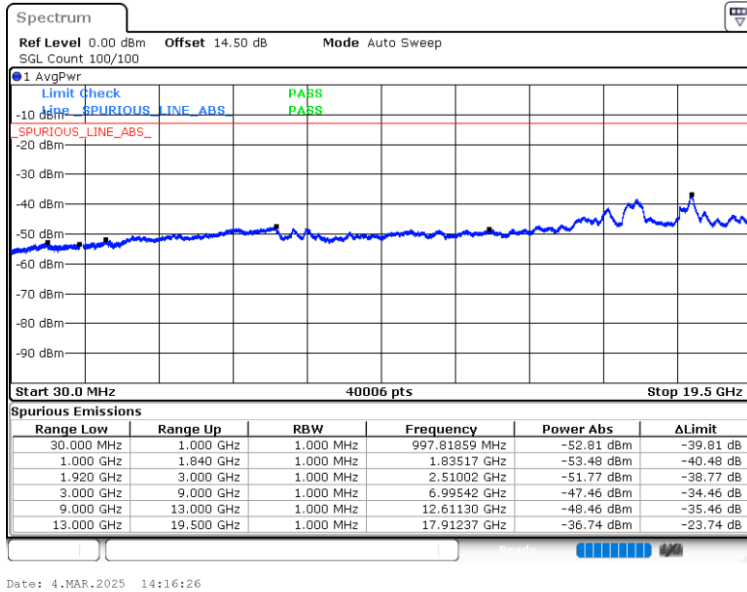
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

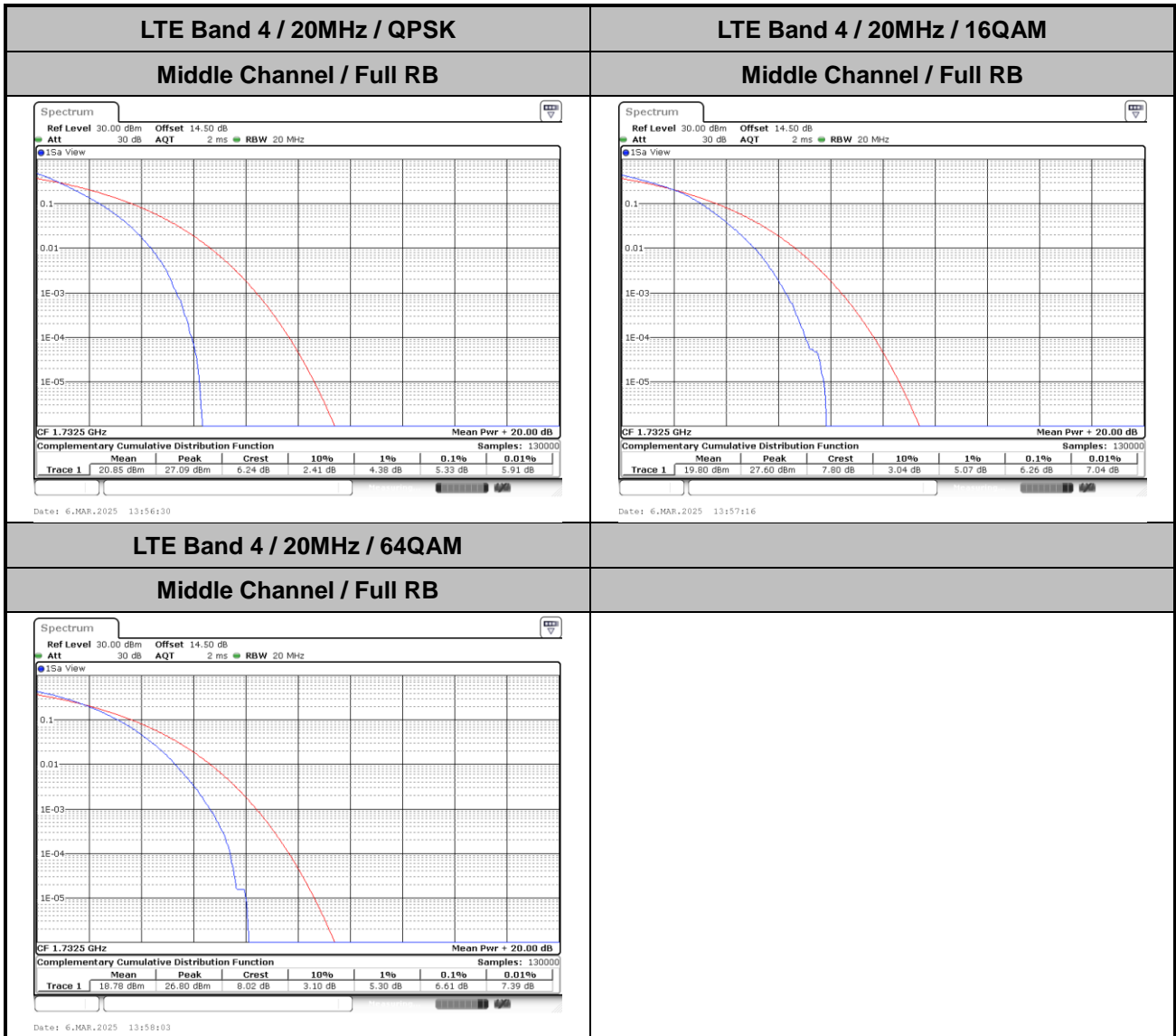
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

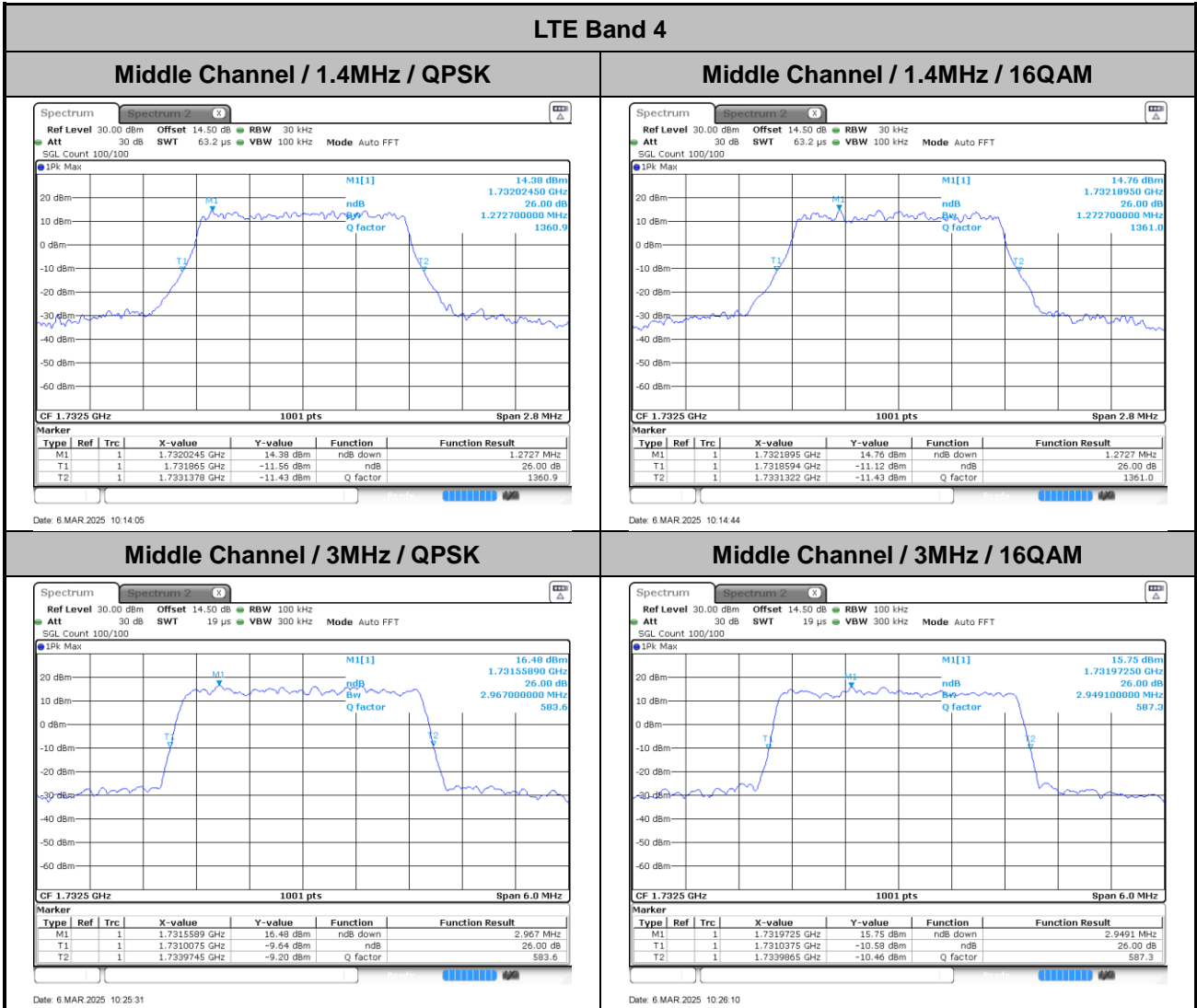
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.26	6.61	PASS





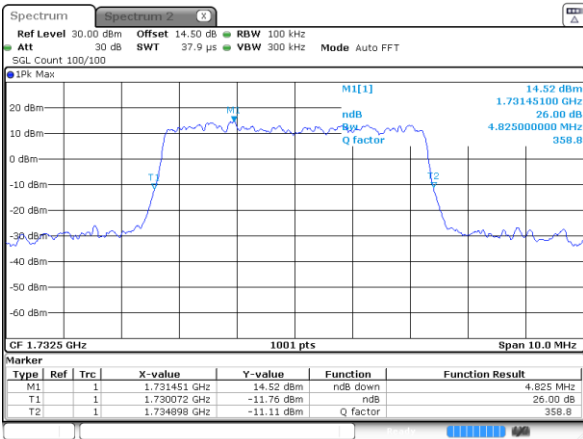
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.27	2.97	2.95	4.83	4.88	9.71	9.71	14.33	14.21	18.82	18.86

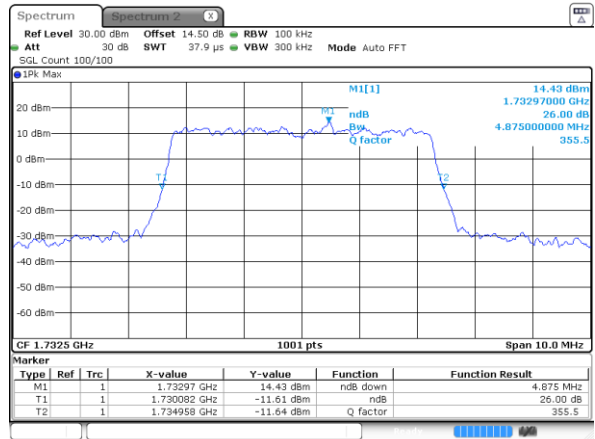




Middle Channel / 5MHz / QPSK

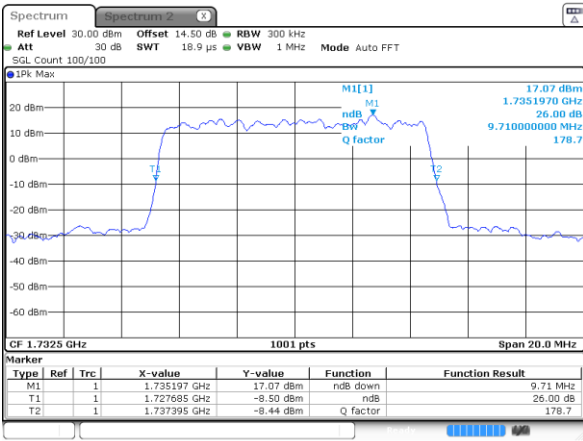


Middle Channel / 5MHz / 16QAM

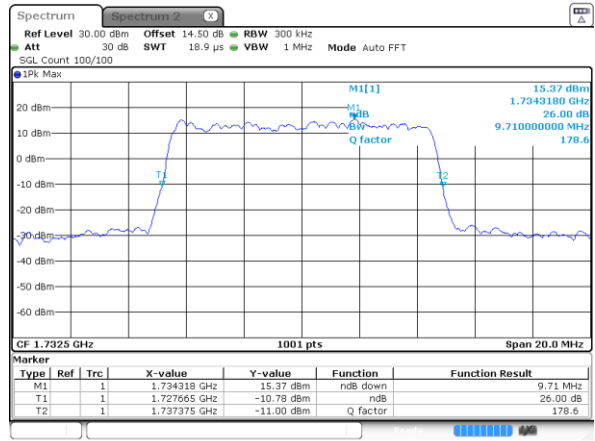


LTE Band 4

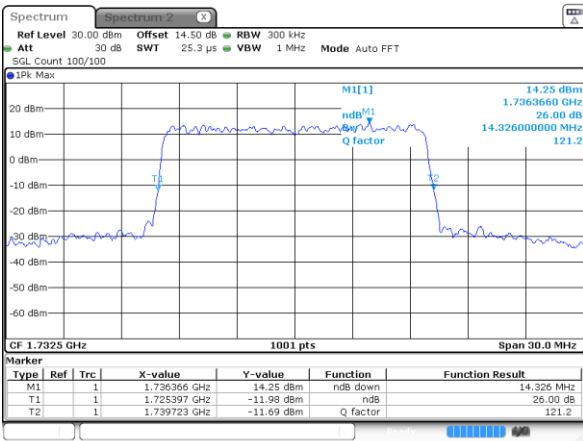
Middle Channel / 10MHz / QPSK



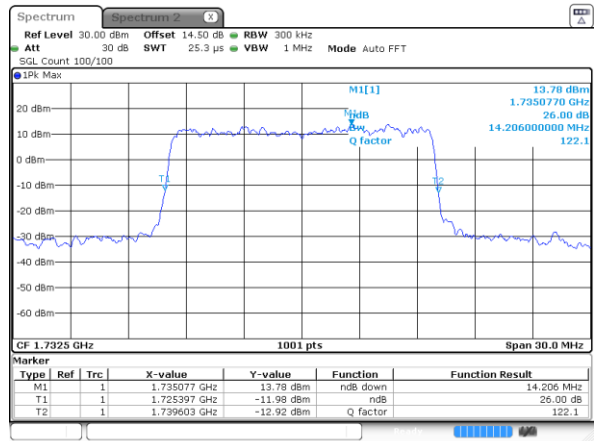
Middle Channel / 10MHz / 16QAM

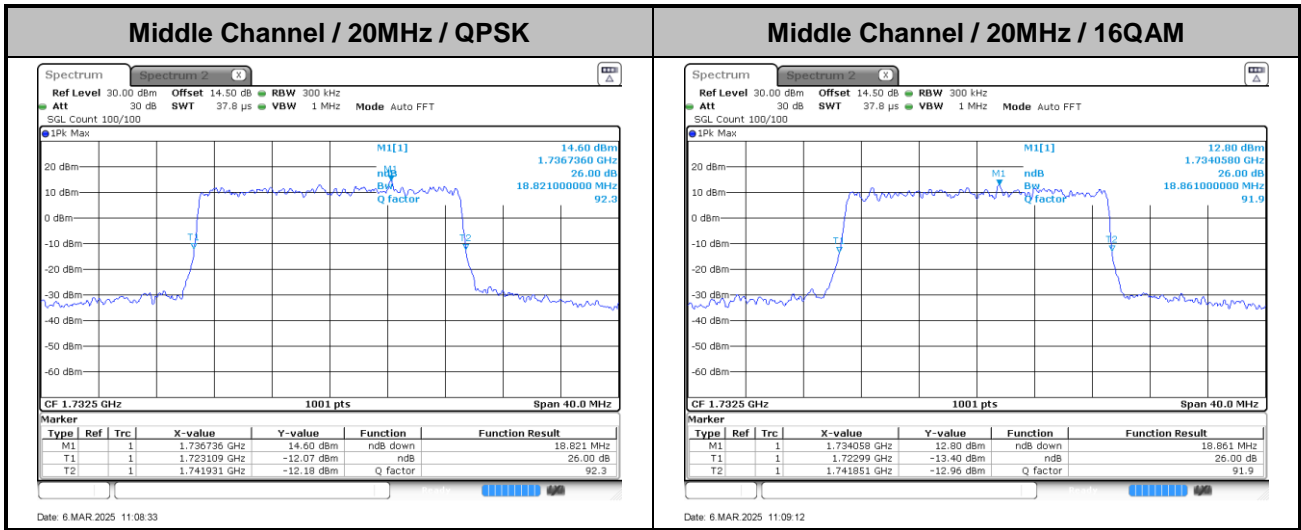


Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM

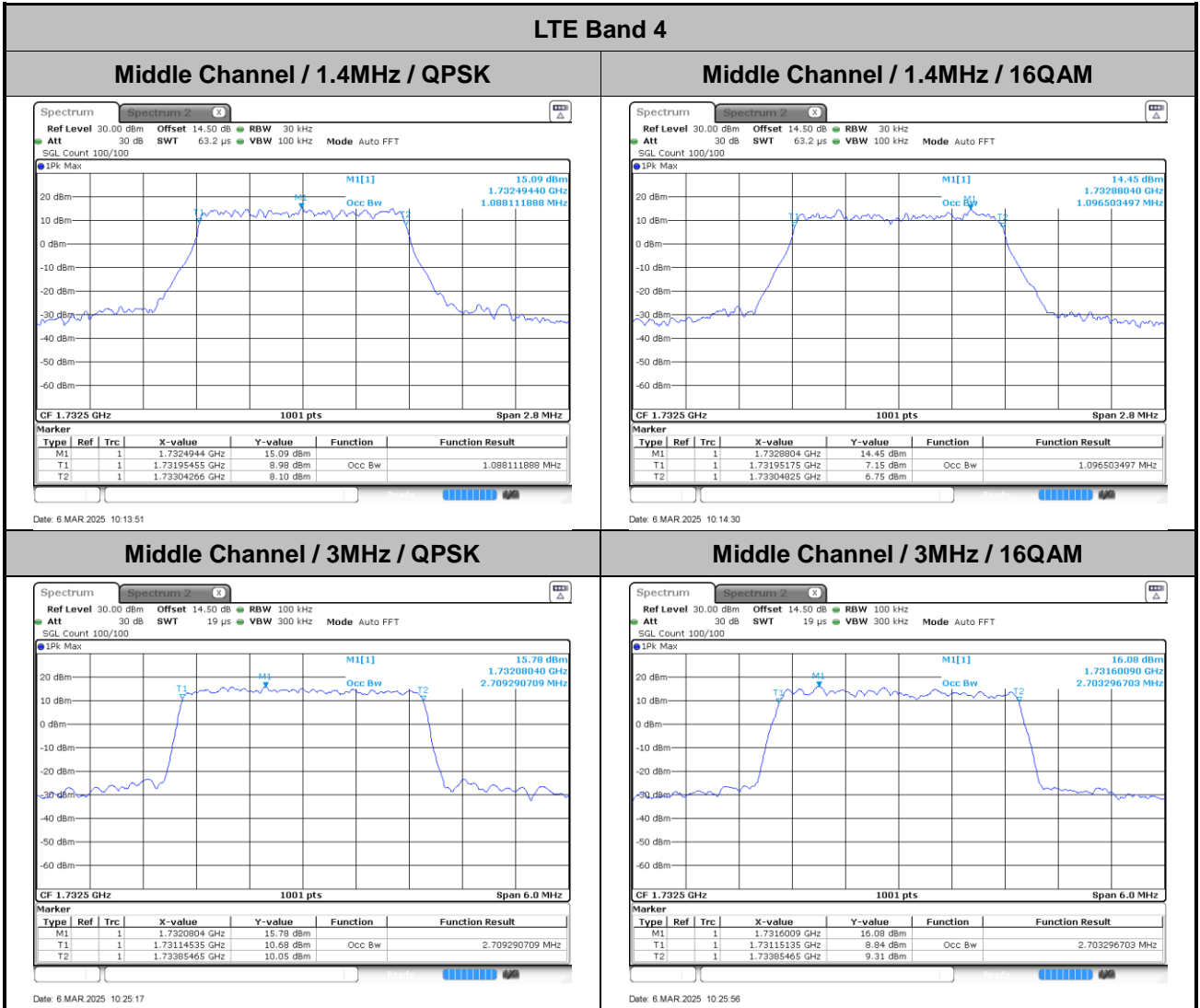






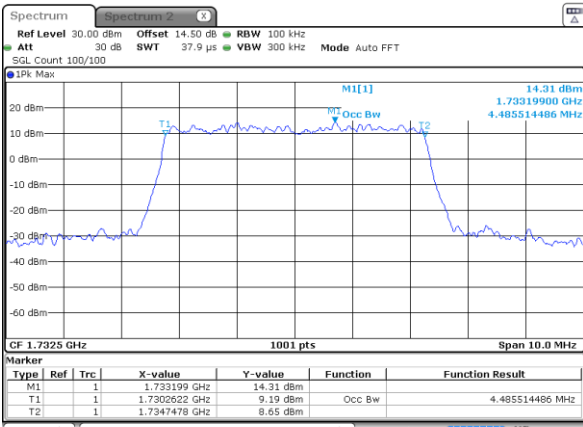
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.71	2.70	4.49	4.50	9.07	9.05	13.43	13.49	17.94	17.90



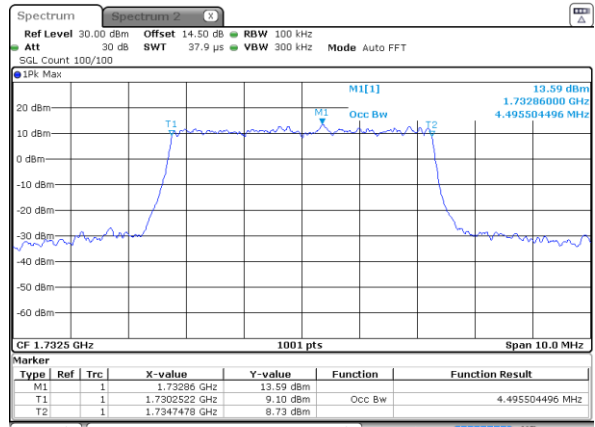


Middle Channel / 5MHz / QPSK



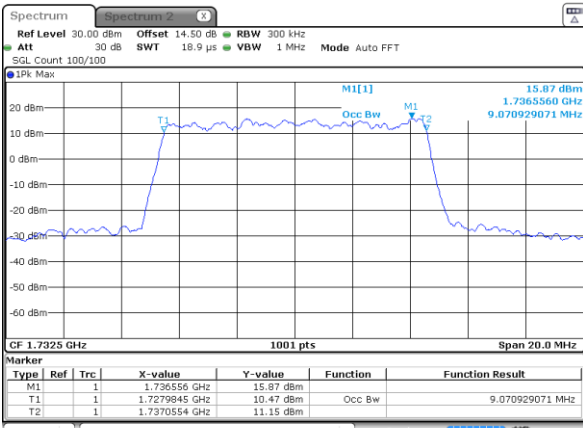
Date: 6 MAR 2025 10:36:12

Middle Channel / 5MHz / 16QAM



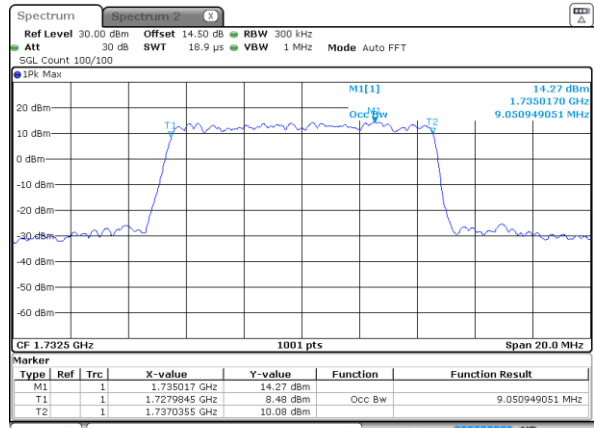
Date: 6 MAR 2025 10:36:51

Middle Channel / 10MHz / QPSK



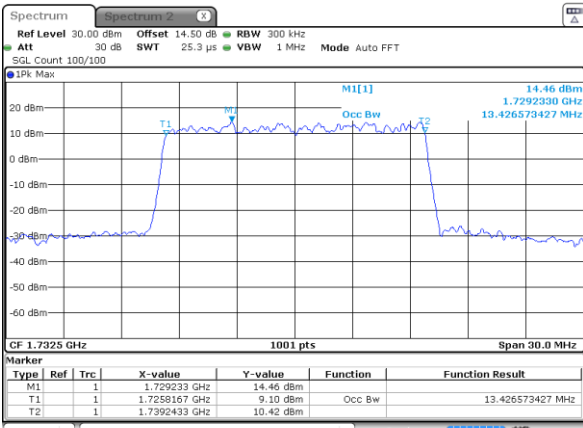
Date: 6 MAR 2025 10:46:54

Middle Channel / 10MHz / 16QAM



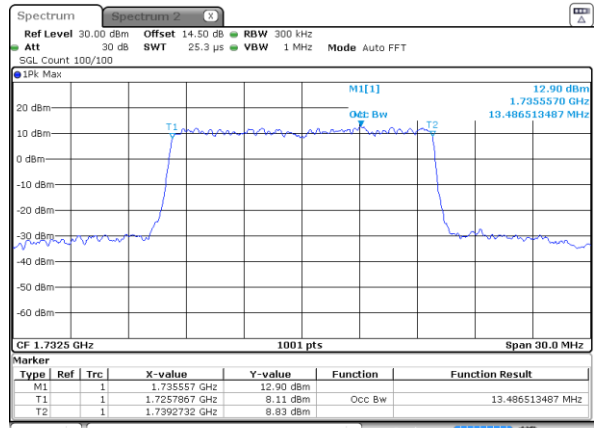
Date: 6 MAR 2025 10:47:34

Middle Channel / 15MHz / QPSK

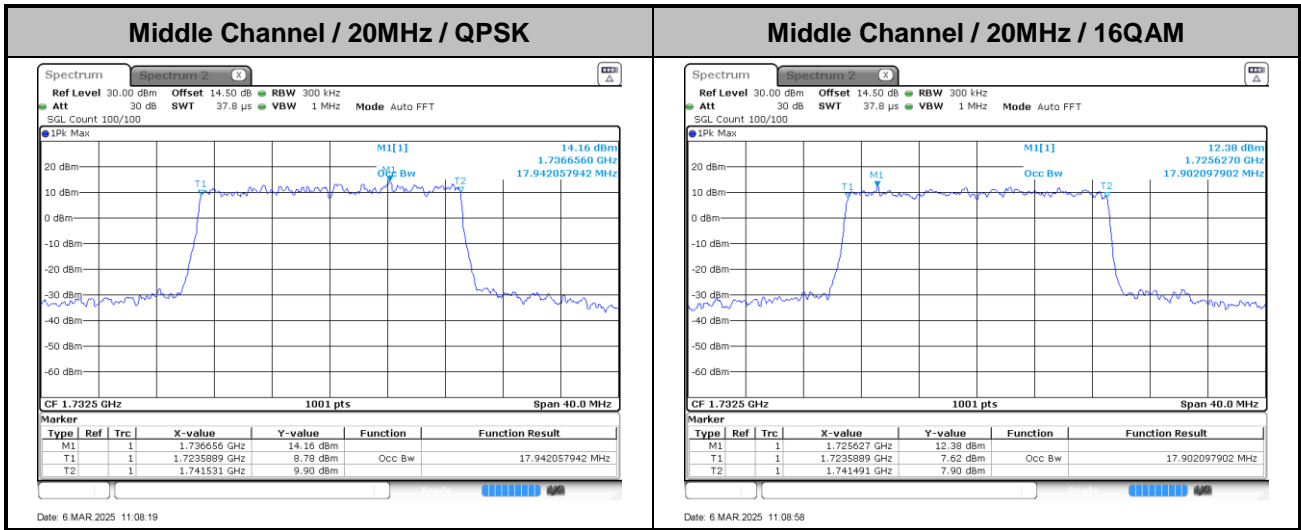


Date: 6 MAR 2025 10:57:37

Middle Channel / 15MHz / 16QAM



Date: 6 MAR 2025 10:58:16

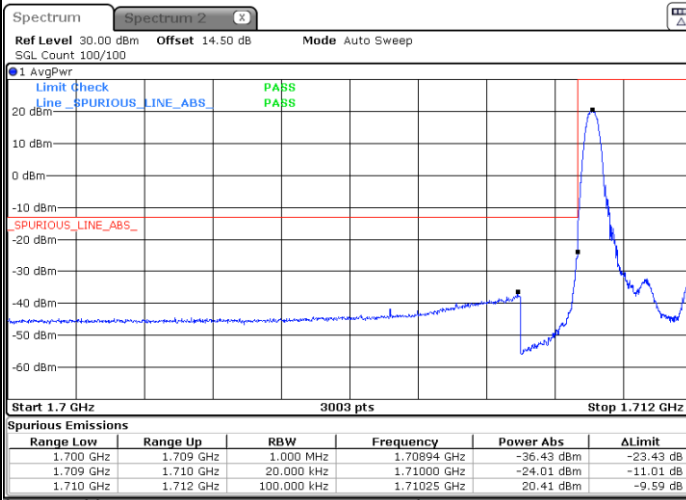




Conducted Band Edge

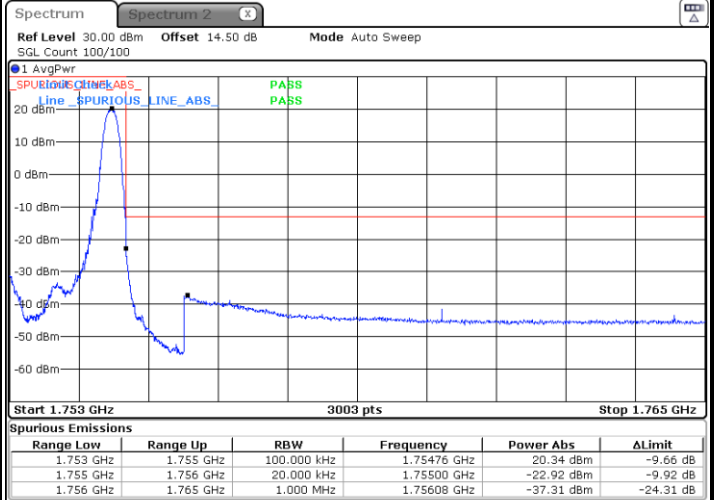
LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



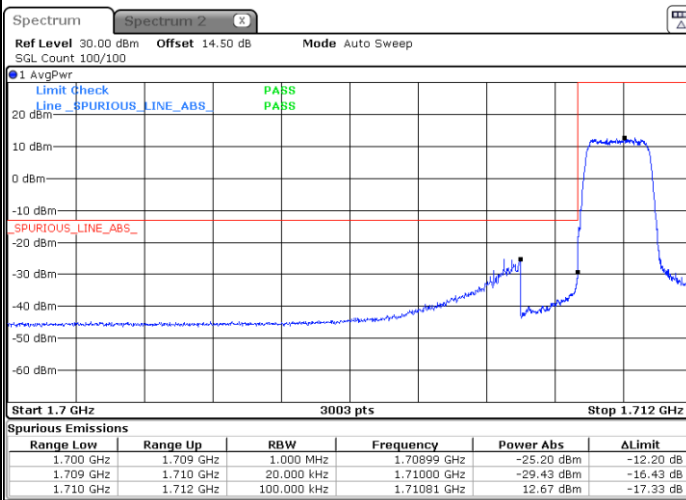
Date: 6 MAR 2025 10:08:32

Highest Band Edge / 1RB



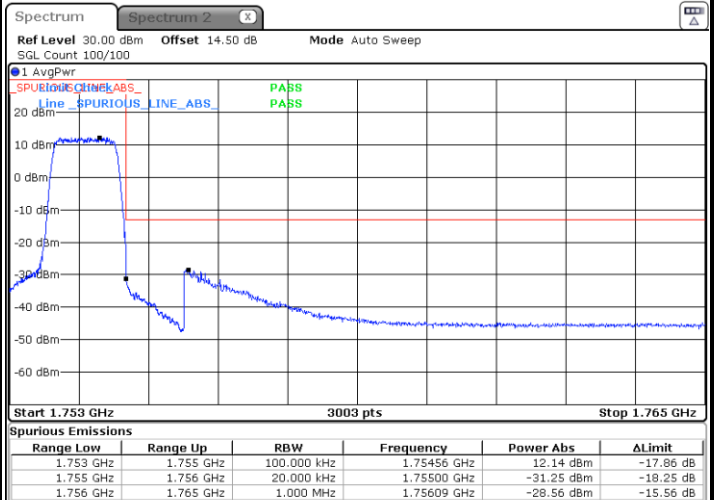
Date: 6 MAR 2025 10:15:16

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:10:22

Highest Band Edge / Full RB

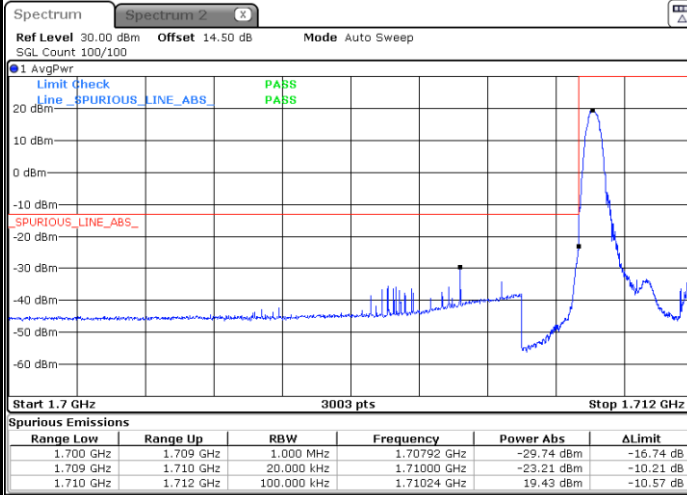


Date: 6 MAR 2025 10:16:52



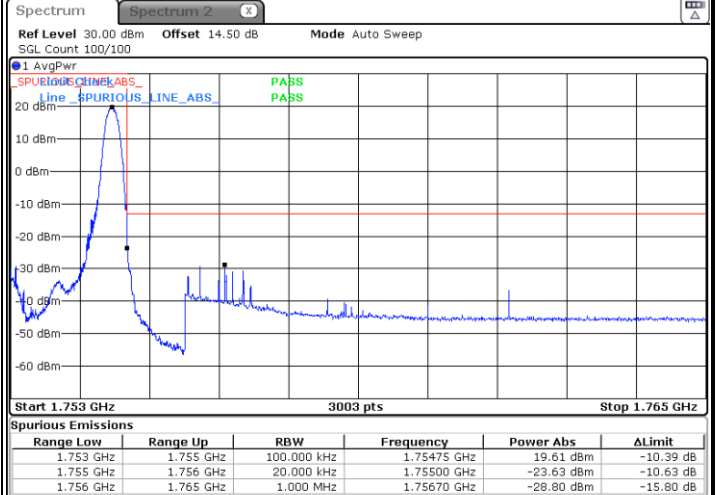
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



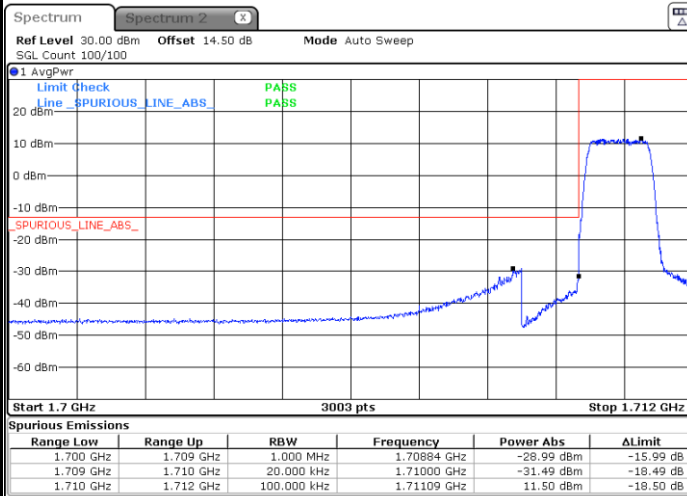
Date: 6 MAR 2025 10:09:17

Highest Band Edge / 1 RB



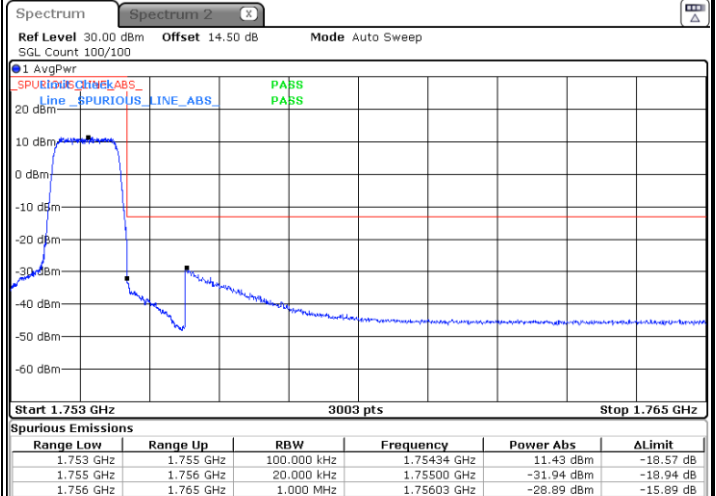
Date: 6 MAR 2025 10:15:48

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:10:54

Highest Band Edge / Full RB

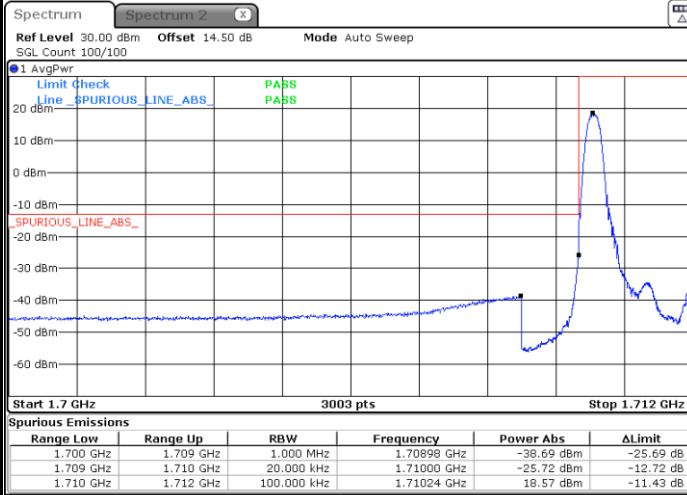


Date: 6 MAR 2025 10:17:24



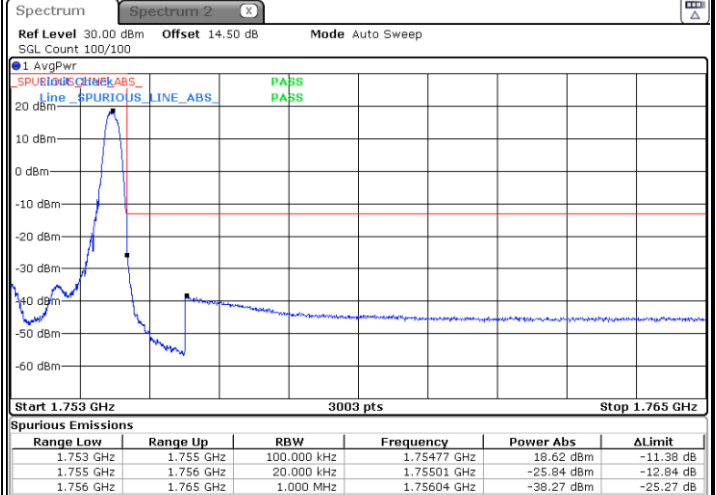
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



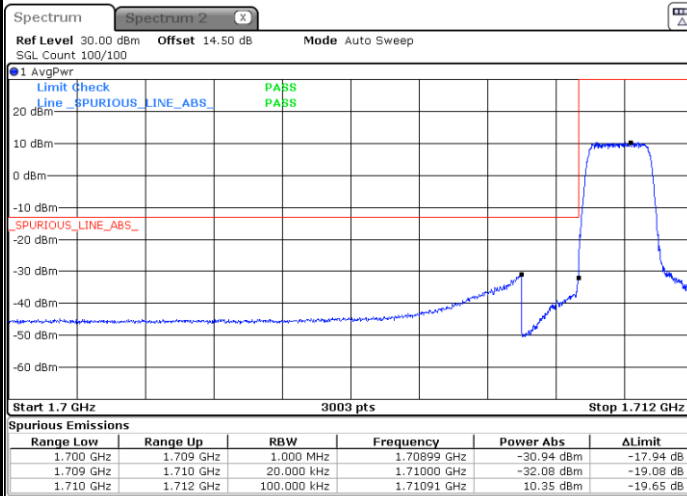
Date: 6 MAR 2025 10:09:50

Highest Band Edge / 1 RB



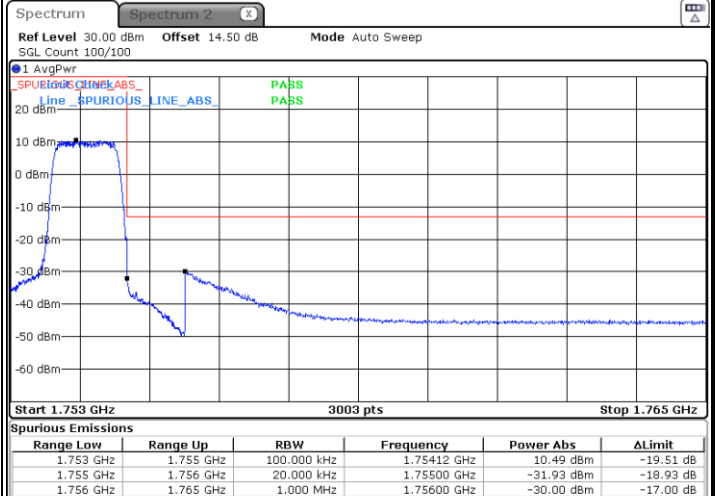
Date: 6 MAR 2025 10:16:20

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:11:27

Highest Band Edge / Full RB

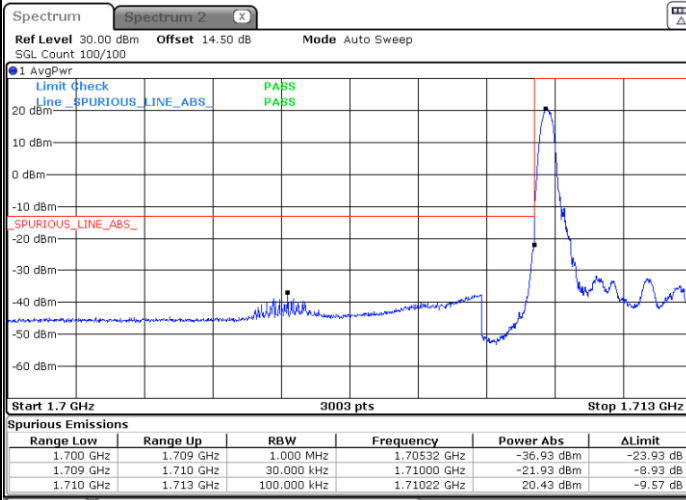


Date: 6 MAR 2025 10:17:56



LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



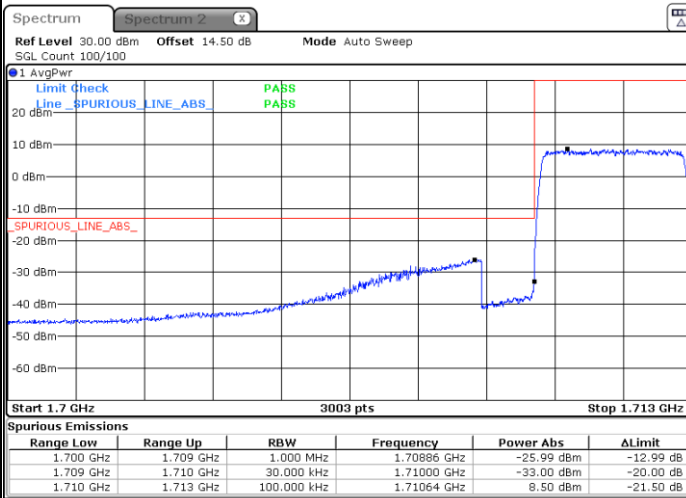
Date: 6 MAR 2025 10:20:11

Highest Band Edge / 1RB



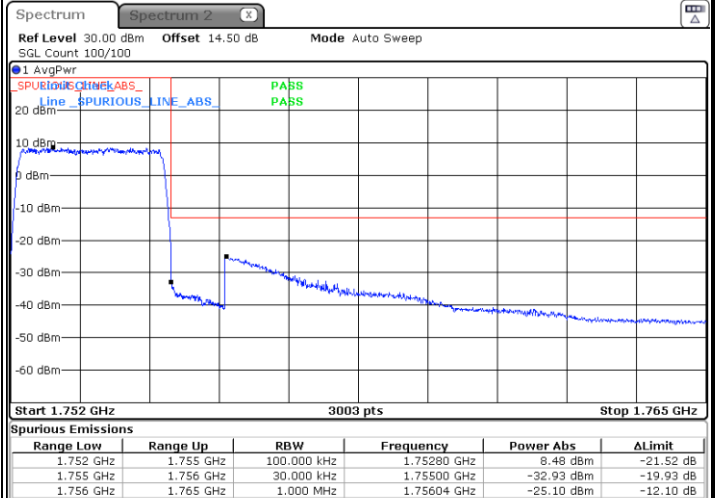
Date: 6 MAR 2025 10:26:41

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:21:48

Highest Band Edge / Full RB

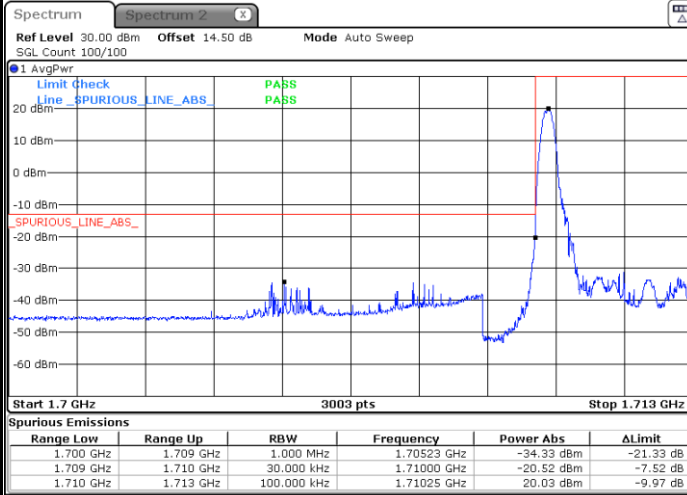


Date: 6 MAR 2025 10:28:18



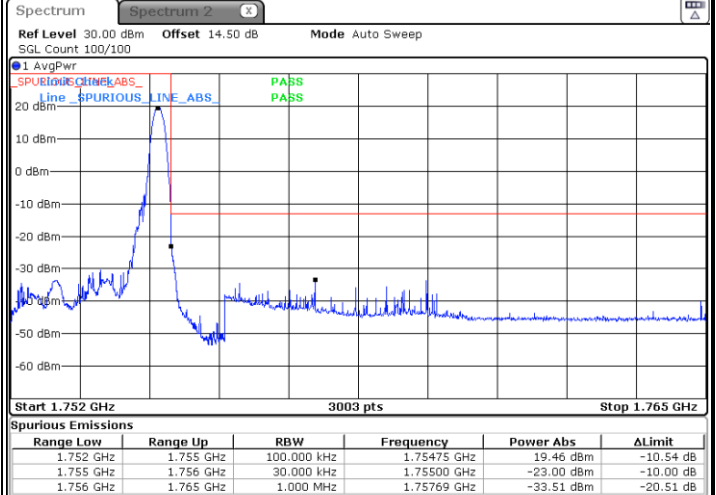
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



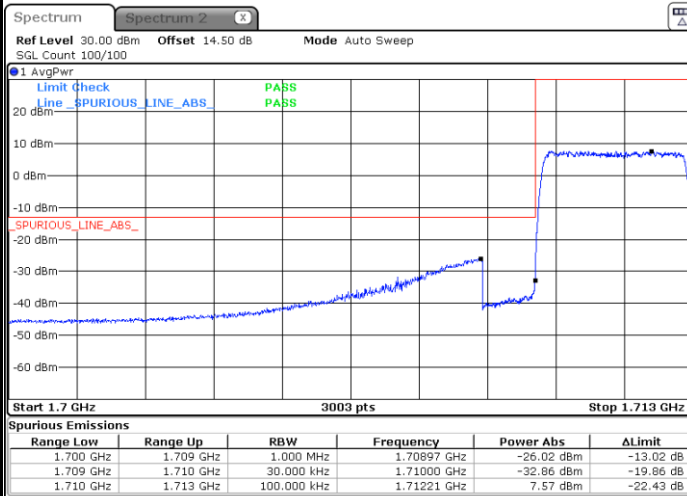
Date: 6 MAR 2025 10:20:43

Highest Band Edge / 1 RB



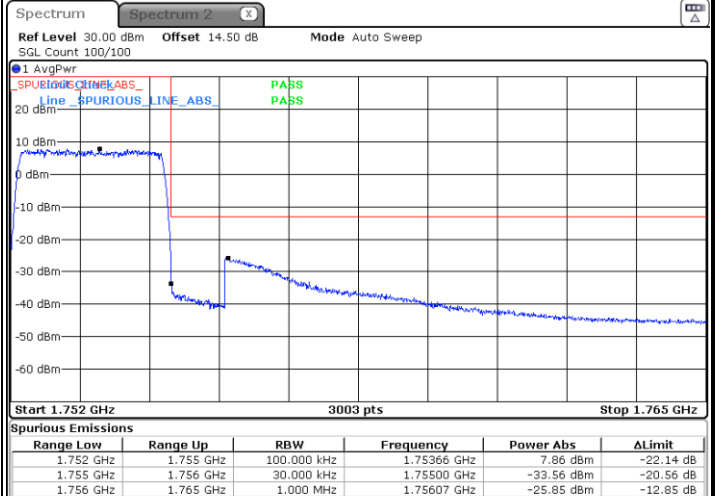
Date: 6 MAR 2025 10:27:14

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:22:20

Highest Band Edge / Full RB

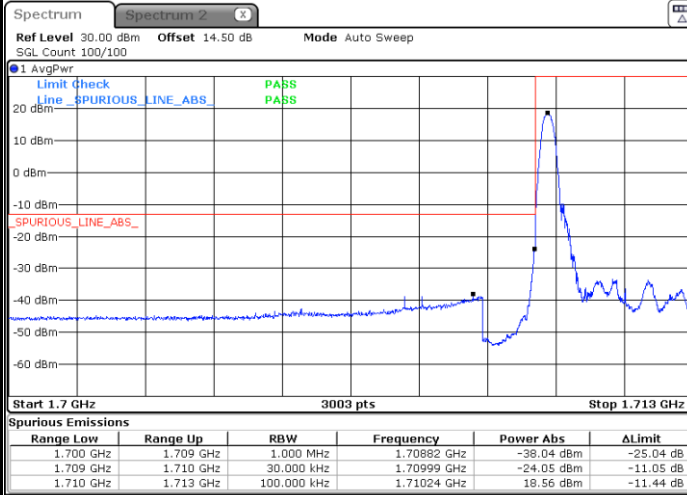


Date: 6 MAR 2025 10:28:51



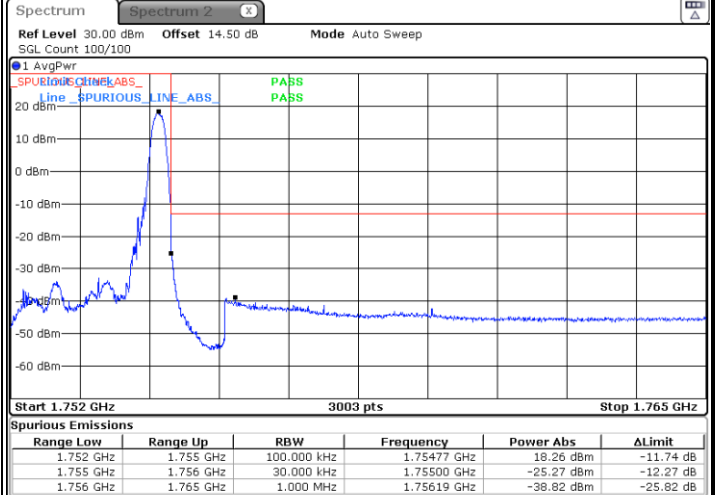
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



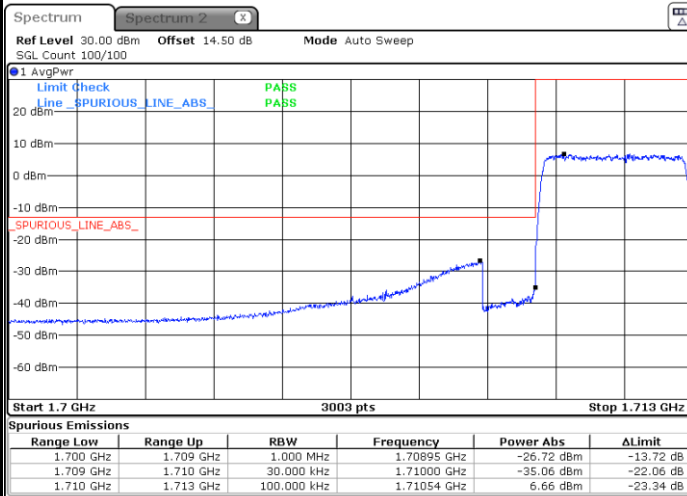
Date: 6 MAR 2025 10:21:15

Highest Band Edge / 1 RB



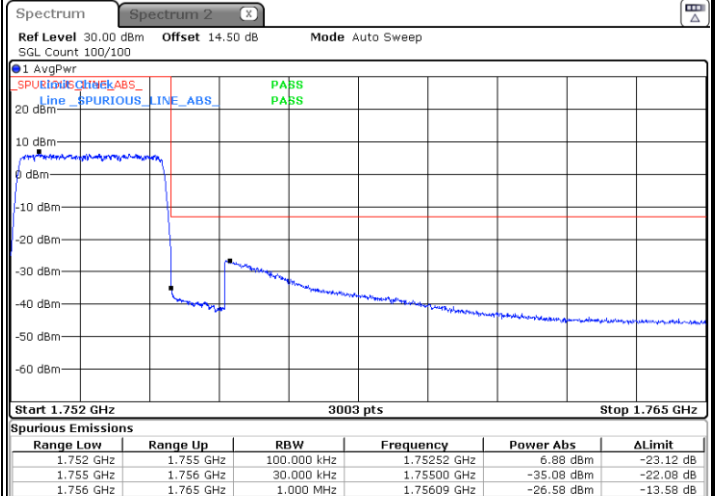
Date: 6 MAR 2025 10:27:46

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:22:52

Highest Band Edge / Full RB

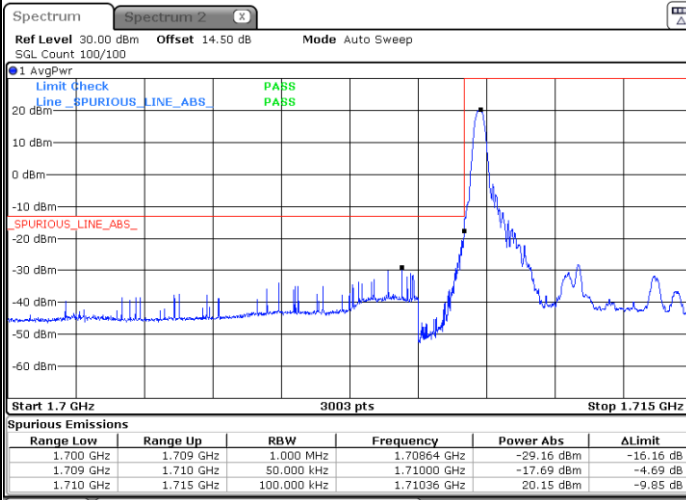


Date: 6 MAR 2025 10:29:23



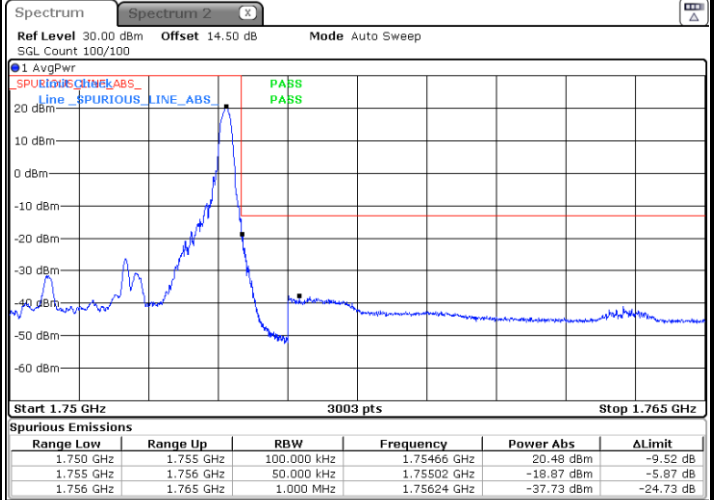
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1RB



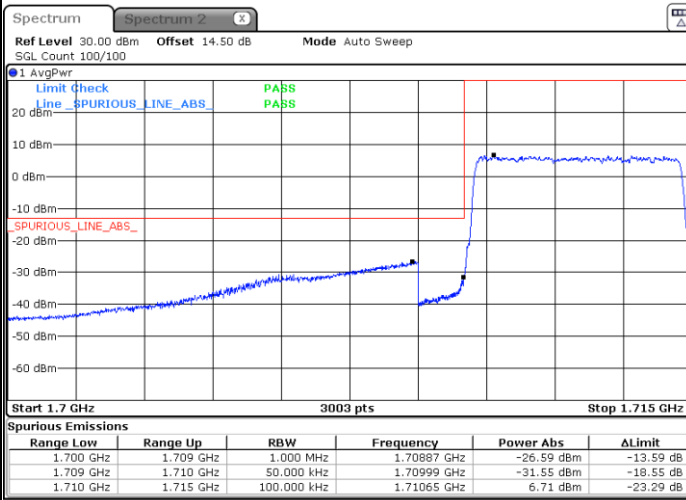
Date: 6 MAR 2025 10:31:29

Highest Band Edge / 1RB



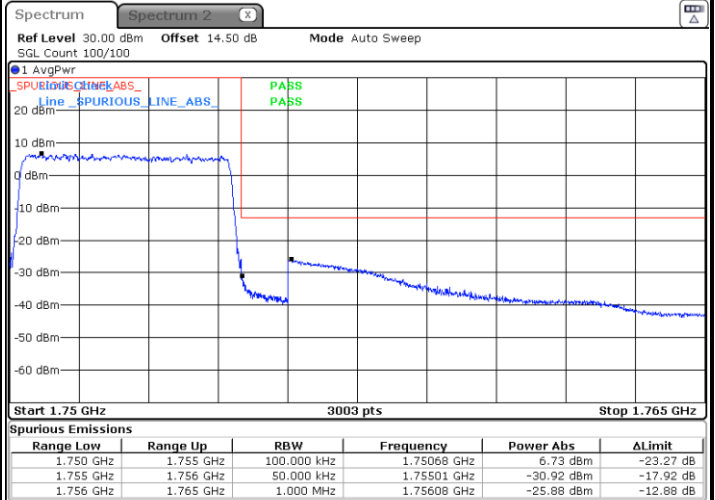
Date: 6 MAR 2025 10:37:34

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:33:00

Highest Band Edge / Full RB

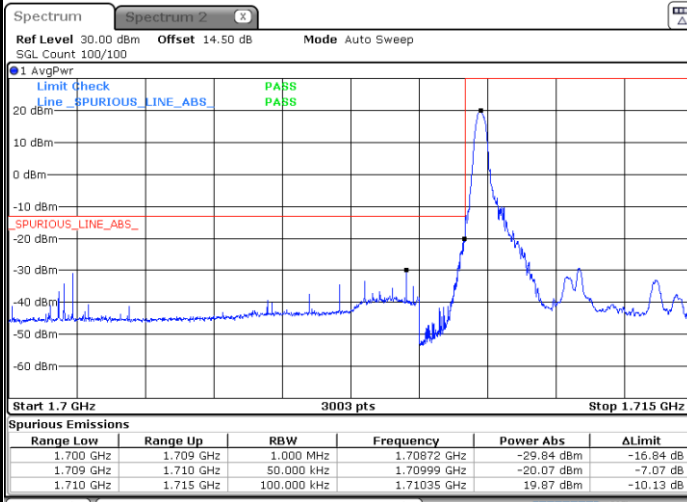


Date: 6 MAR 2025 10:39:05



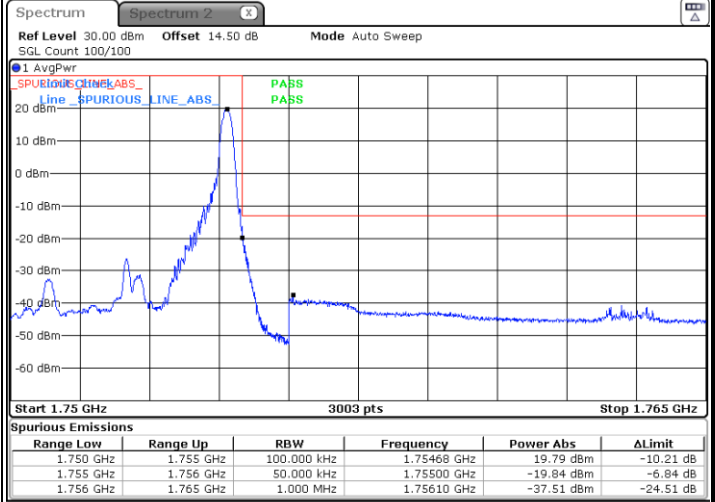
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



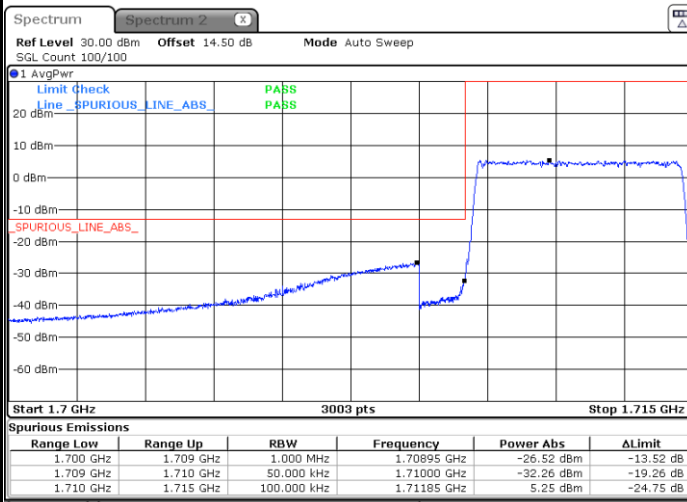
Date: 6 MAR 2025 10:31:59

Highest Band Edge / 1 RB



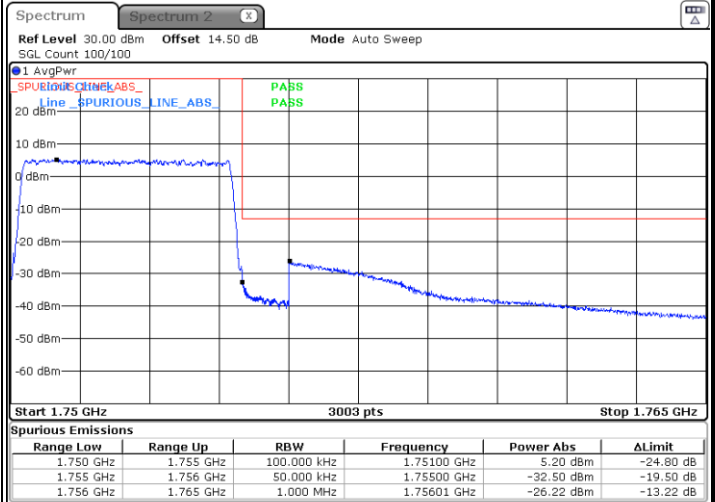
Date: 6 MAR 2025 10:38:04

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:33:30

Highest Band Edge / Full RB

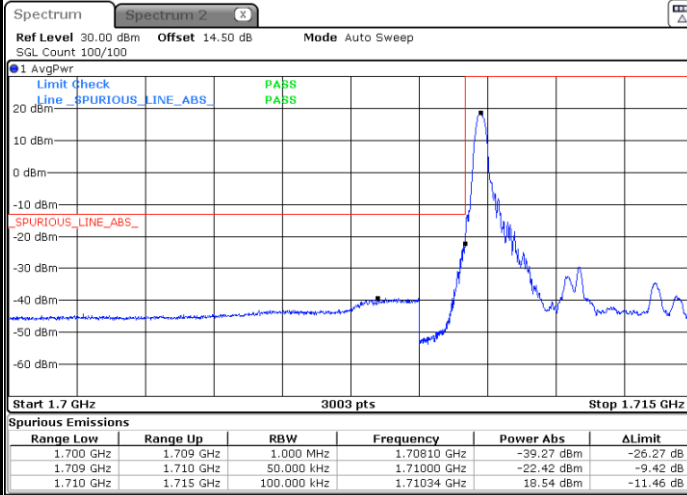


Date: 6 MAR 2025 10:39:35



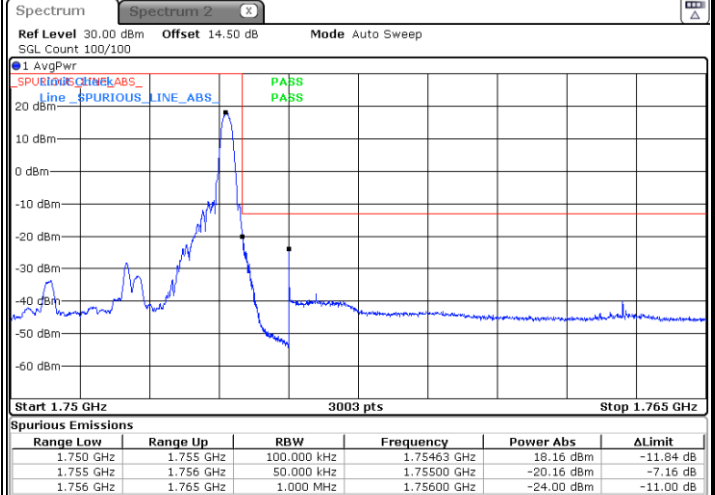
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



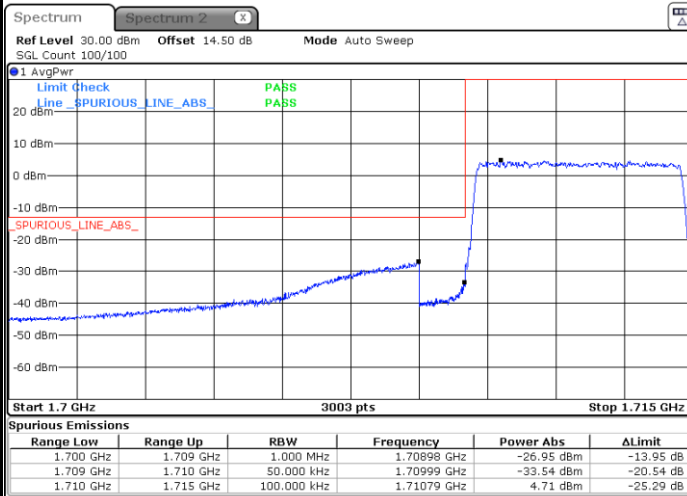
Date: 6 MAR 2025 10:32:29

Highest Band Edge / 1 RB



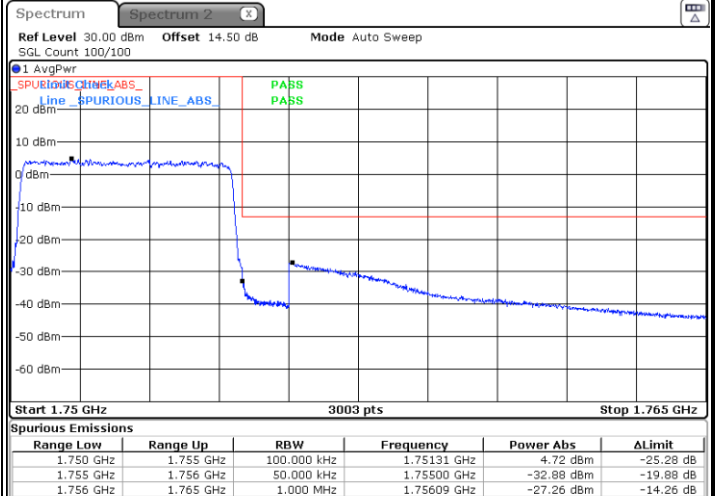
Date: 6 MAR 2025 10:38:35

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:34:00

Highest Band Edge / Full RB

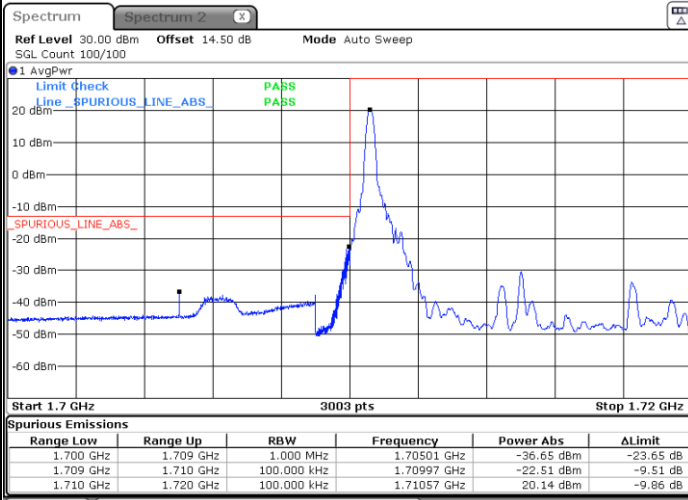


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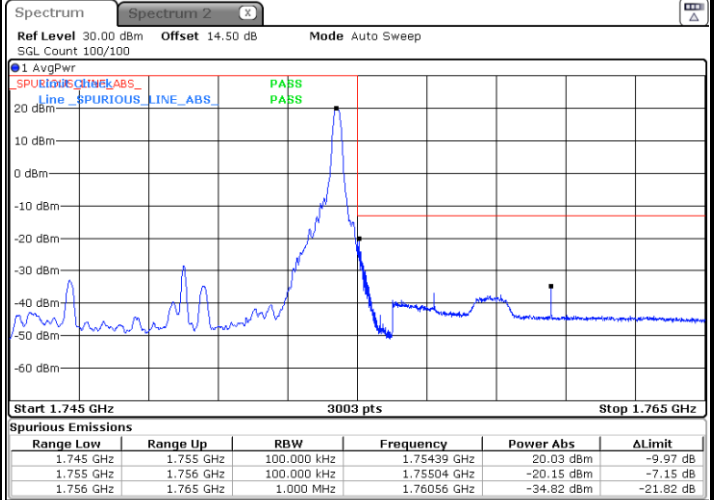
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1RB



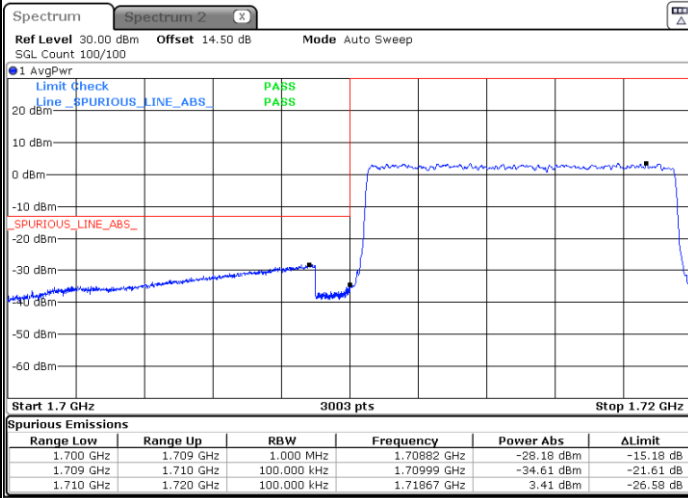
Date: 6 MAR 2025 10:42:12

Highest Band Edge / 1RB



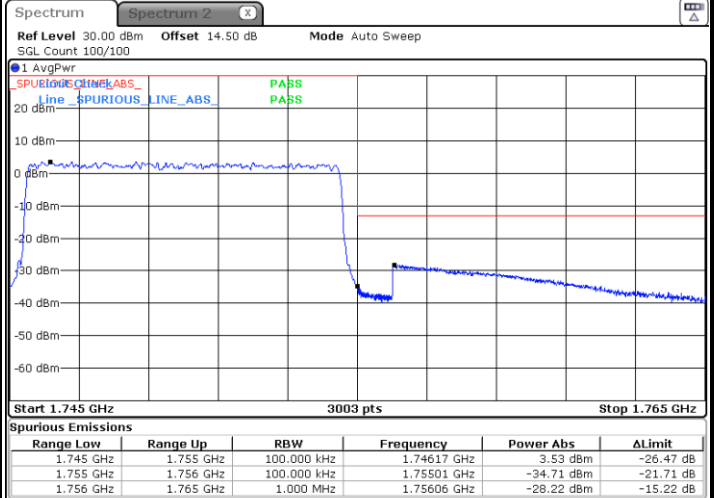
Date: 6 MAR 2025 10:48:17

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:43:42

Highest Band Edge / Full RB

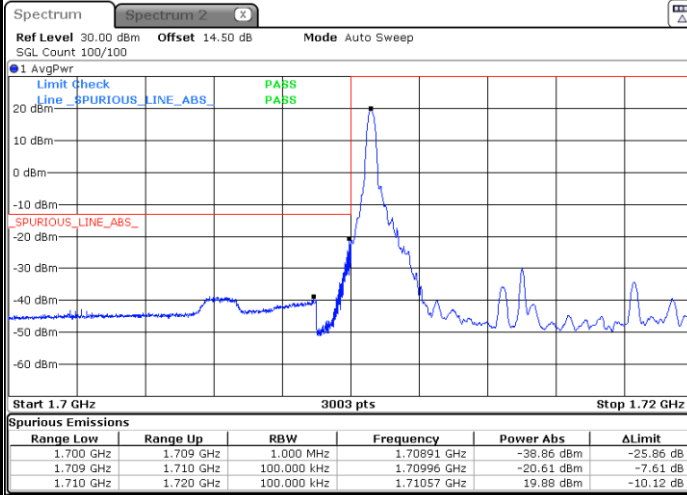


Date: 6 MAR 2025 10:49:48



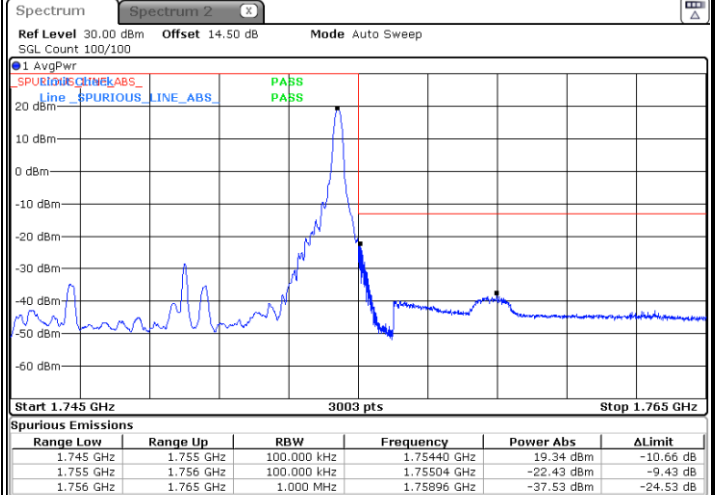
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



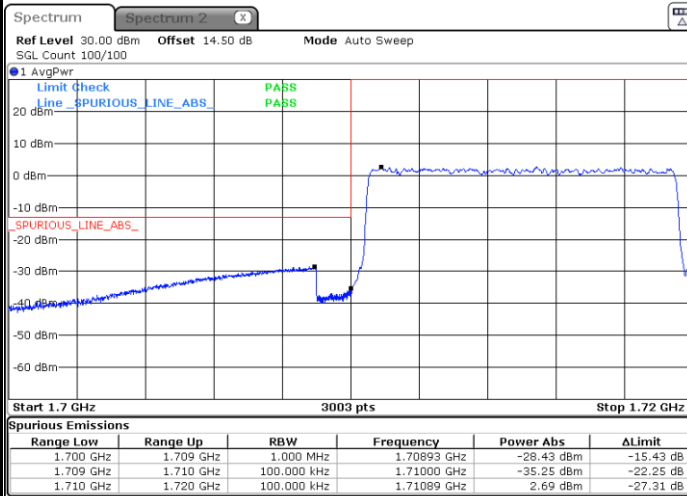
Date: 6 MAR 2025 10:42:42

Highest Band Edge / 1 RB



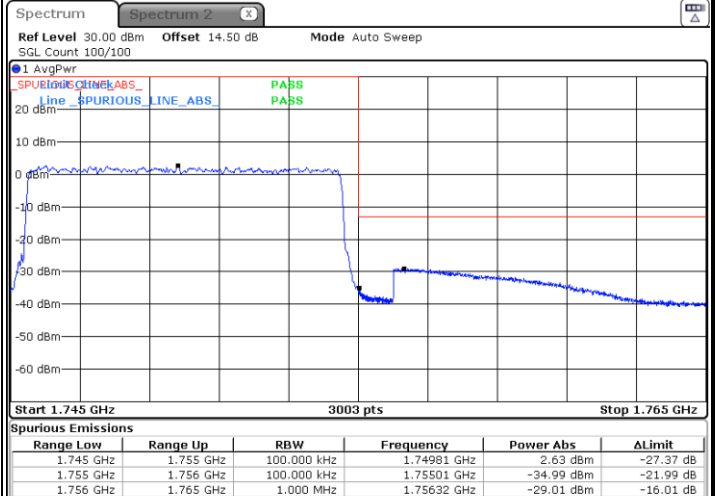
Date: 6 MAR 2025 10:48:47

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:44:13

Highest Band Edge / Full RB

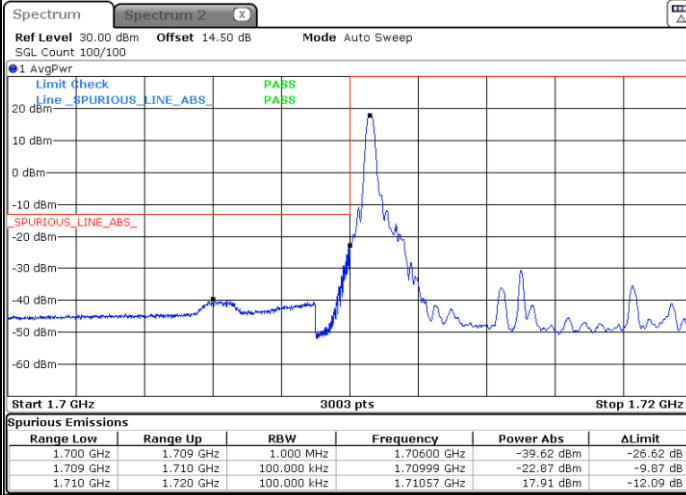


Date: 6 MAR 2025 10:50:18



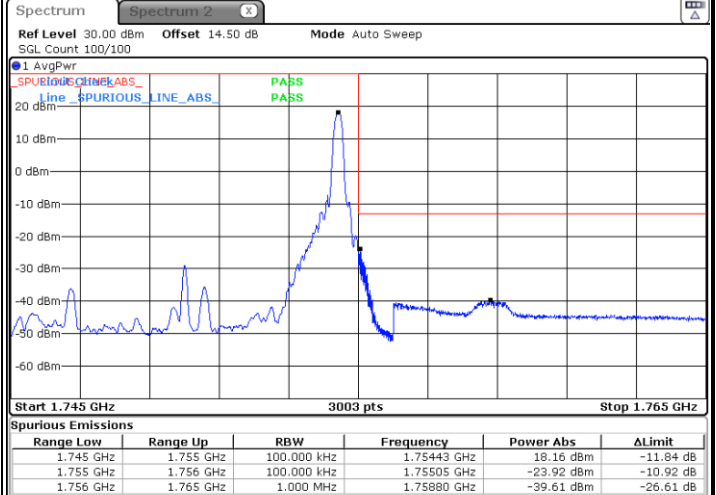
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



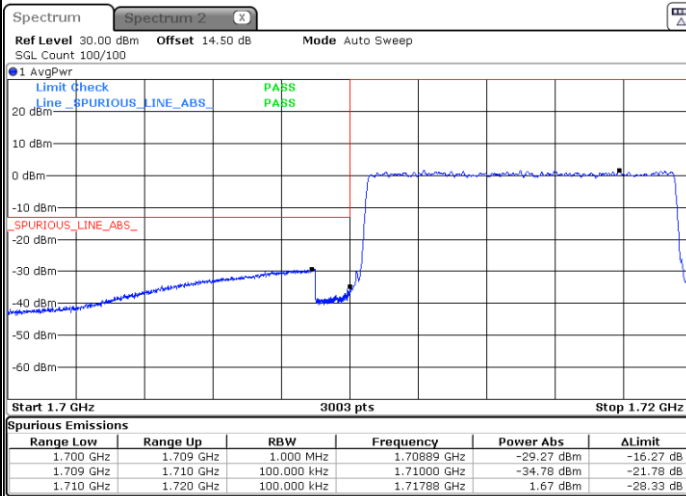
Date: 6 MAR 2025 10:43:12

Highest Band Edge / 1 RB



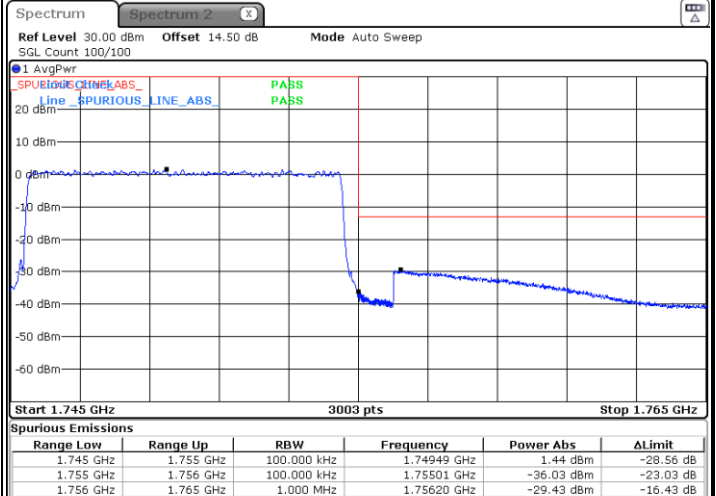
Date: 6 MAR 2025 10:49:17

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:44:43

Highest Band Edge / Full RB

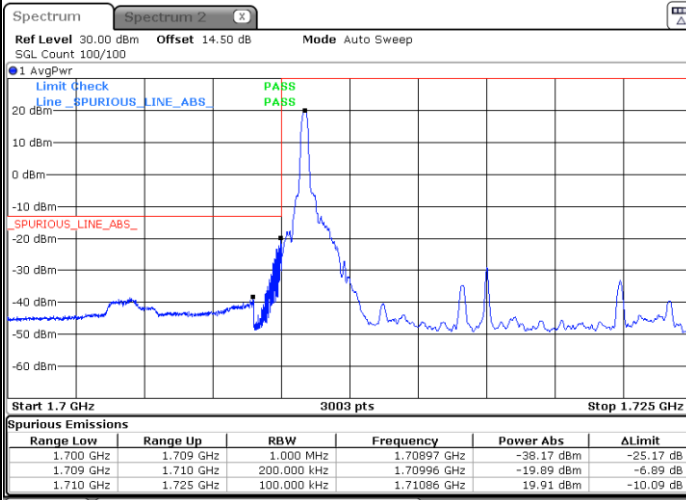


Date: 6 MAR 2025 10:50:49



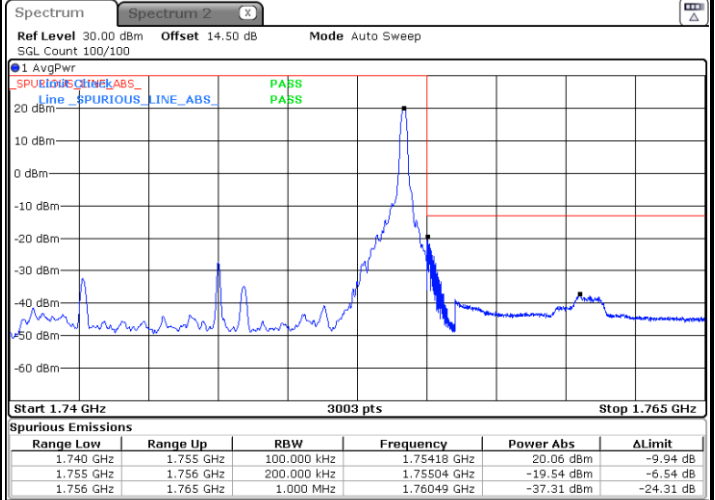
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1RB



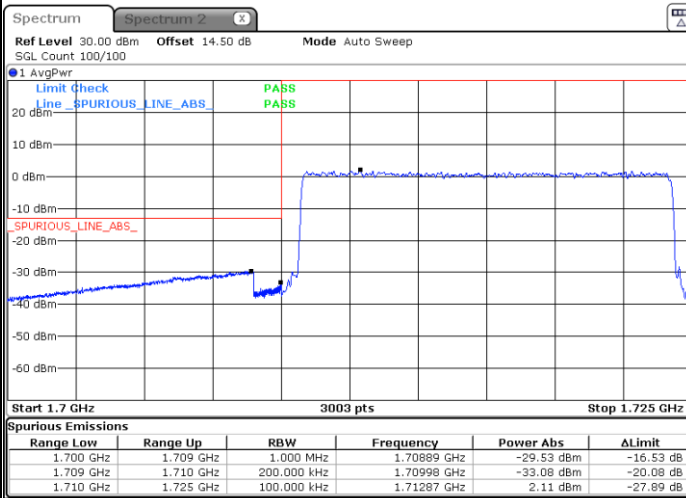
Date: 6 MAR 2025 10:52:55

Highest Band Edge / 1RB



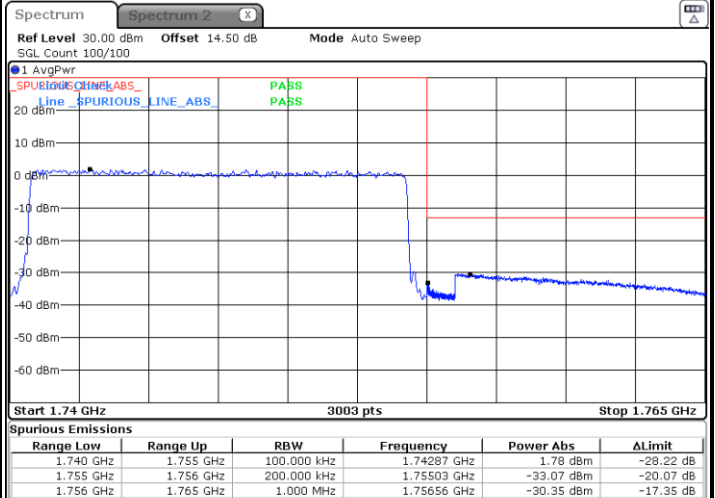
Date: 6 MAR 2025 10:59:00

Lowest Band Edge / Full RB



Date: 6 MAR 2025 10:54:26

Highest Band Edge / Full RB



Date: 6 MAR 2025 11:00:31