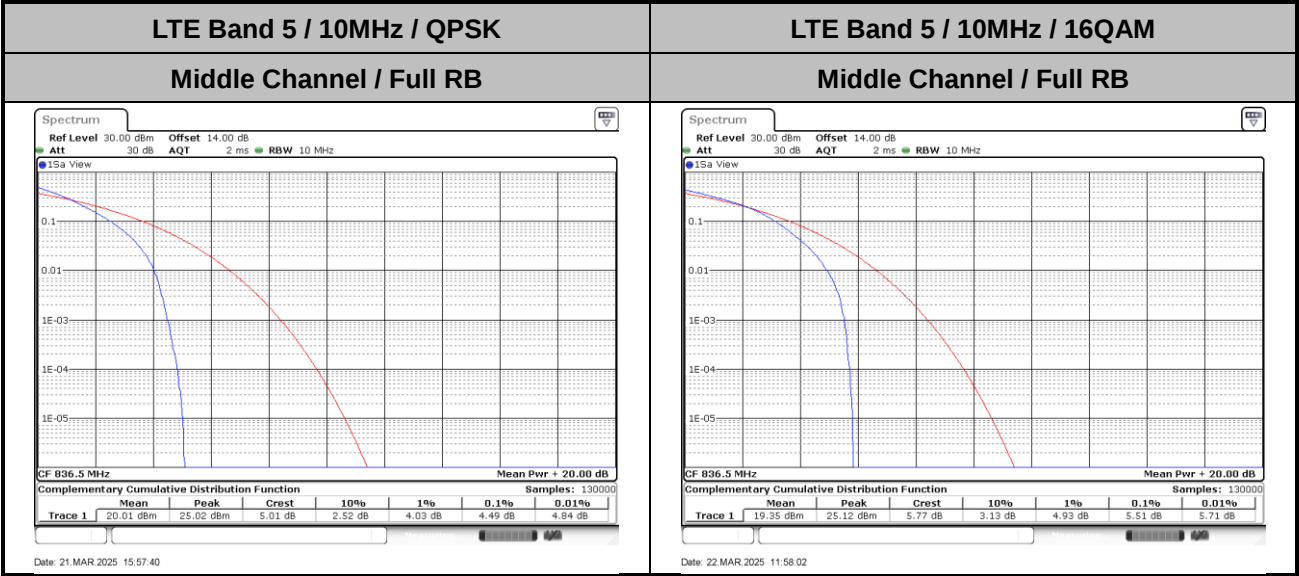






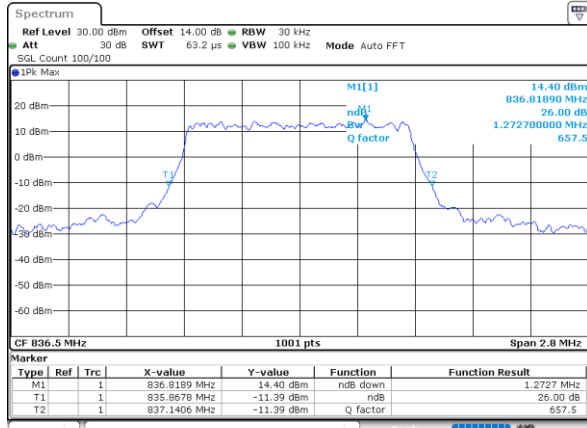
26dB Bandwidth

Mode	LTE Band 5 : 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	1.27	1.31	3.05	3.00	4.90	4.92	9.73	5.79	-	-	-	-



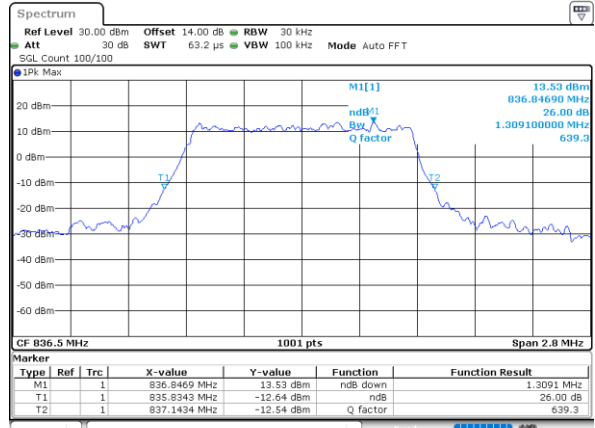
LTE Band 5

Middle Channel / 1.4MHz / QPSK



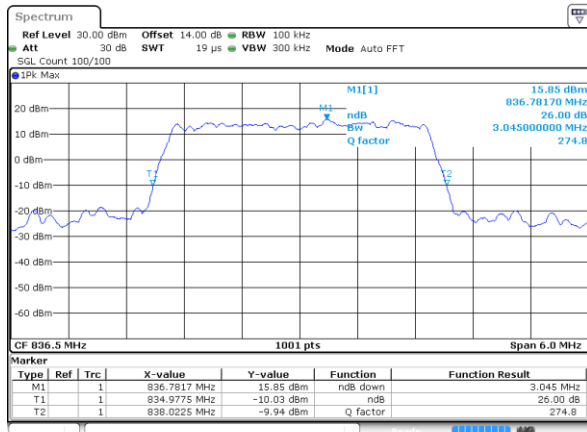
Date: 22, MAR, 2025 13:44:26

Middle Channel / 1.4MHz / 16QAM



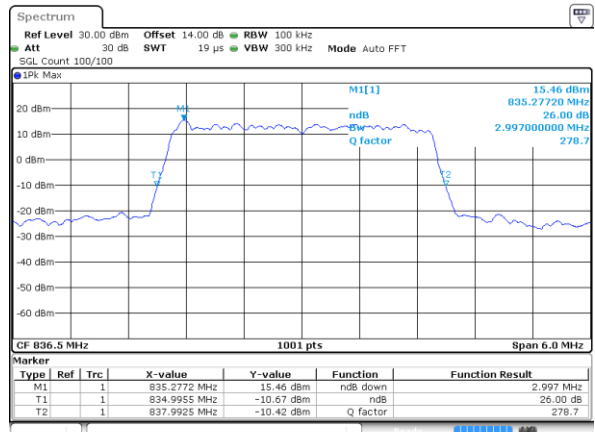
Date: 22, MAR, 2025 13:45:138

Middle Channel / 3MHz / QPSK



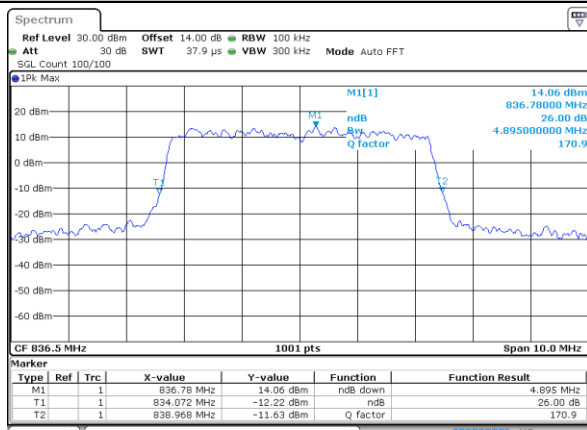
Date: 21 MAR 2025 15:35:51

Middle Channel / 3MHz / 16QAM



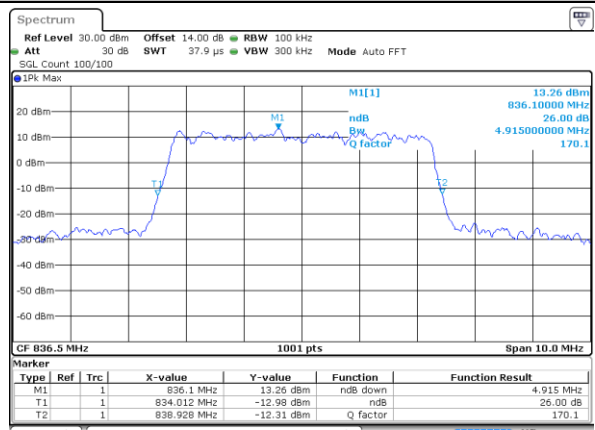
Date: 21 MAR 2025 15:36:33

Middle Channel / 5MHz / QPSK



Date: 21 MAR 2025 15:46:58

Middle Channel / 5MHz / 16QAM

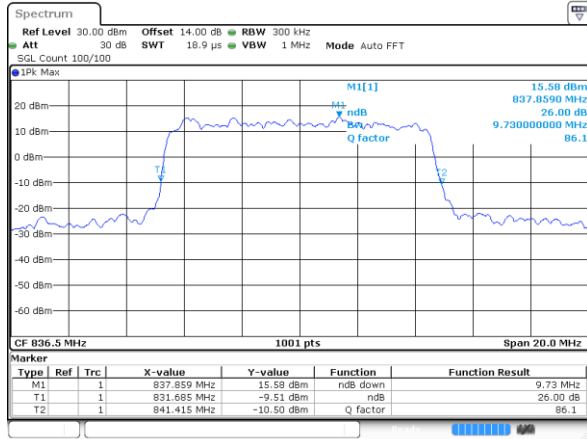


Date: 21 MAR 2025 15:47:40

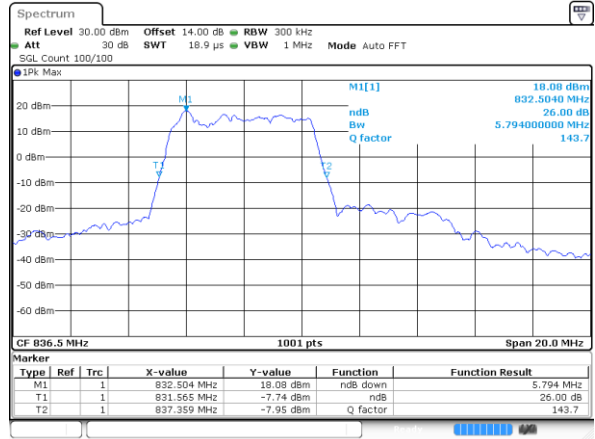


LTE Band 5

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM





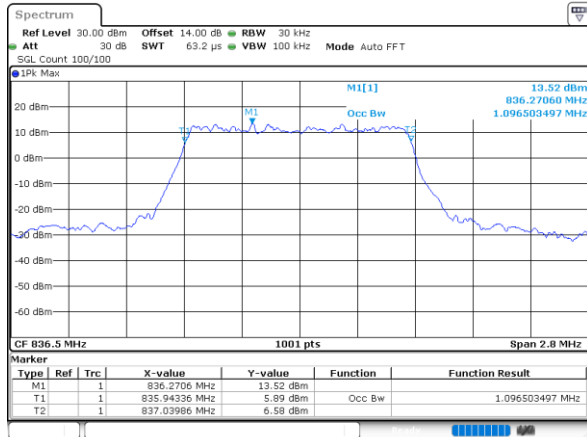
Occupied Bandwidth

Mode	LTE Band 5 : 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	1.10	1.09	2.72	2.70	4.51	4.49	9.01	5.00	-	-	-	-

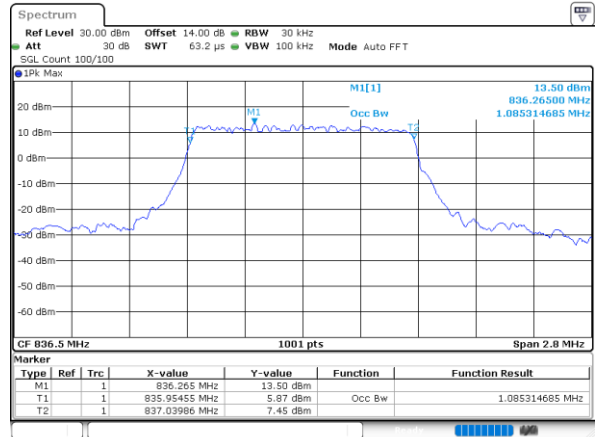


LTE Band 5

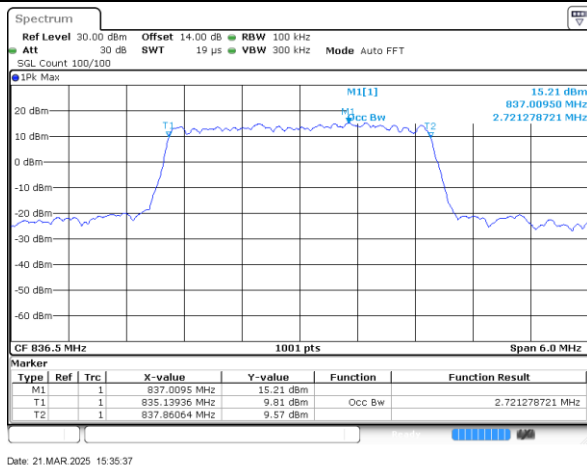
Middle Channel / 1.4MHz / QPSK



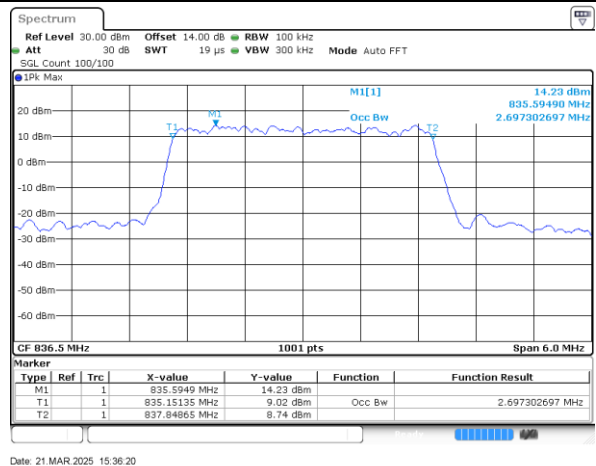
Middle Channel / 1.4MHz / 16QAM



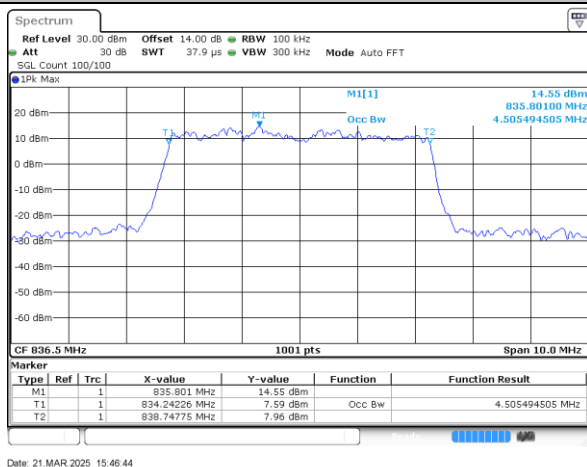
Middle Channel / 3MHz / QPSK



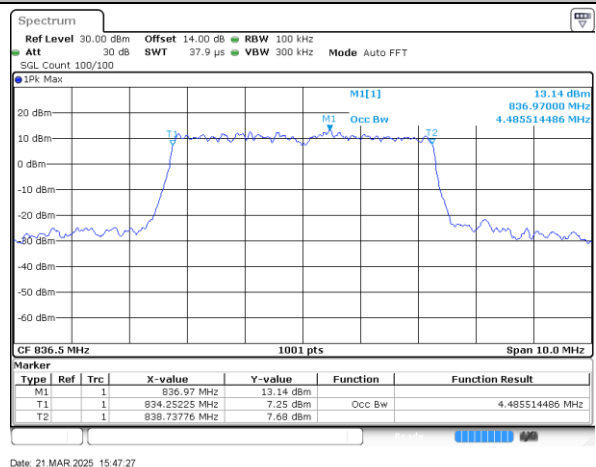
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



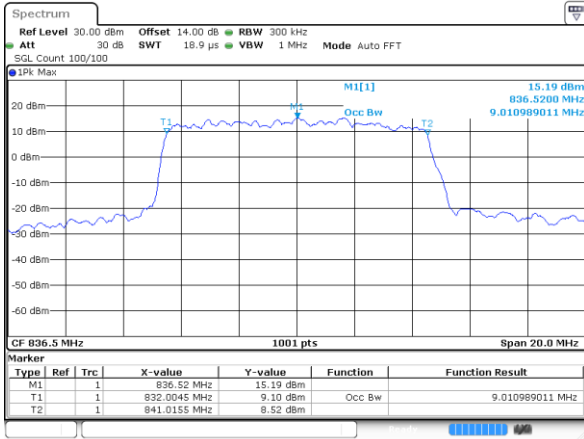
Middle Channel / 5MHz / 16QAM





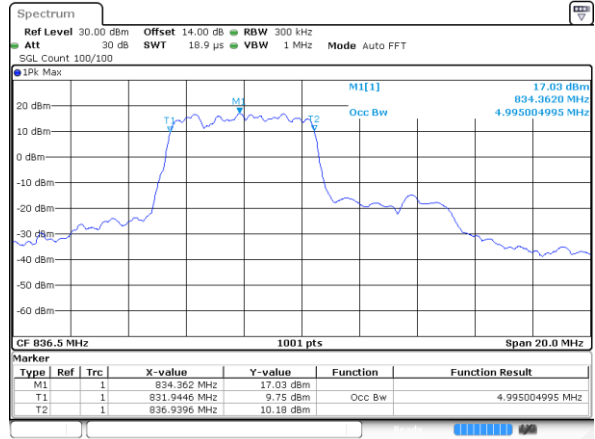
LTE Band 5

Middle Channel / 10MHz / QPSK



Date: 21 MAR 2025 15:57:11

Middle Channel / 10MHz / 16QAM



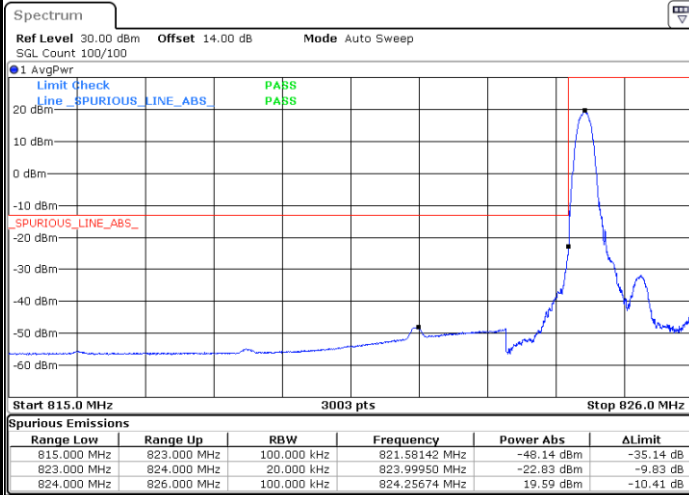
Date: 22 MAR 2025 11:55:15



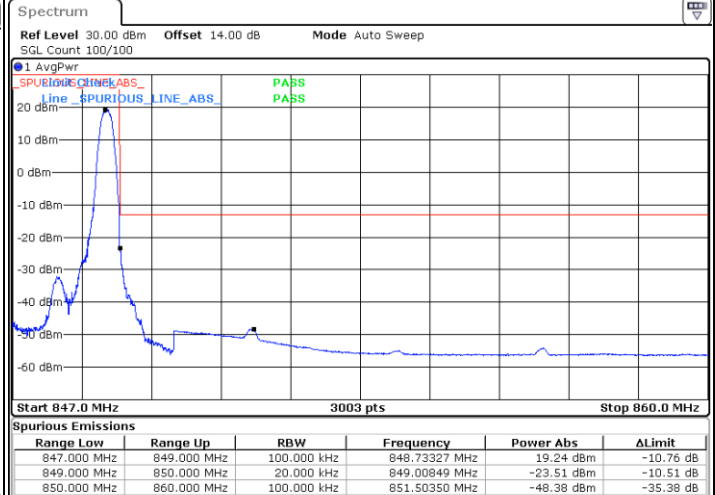
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

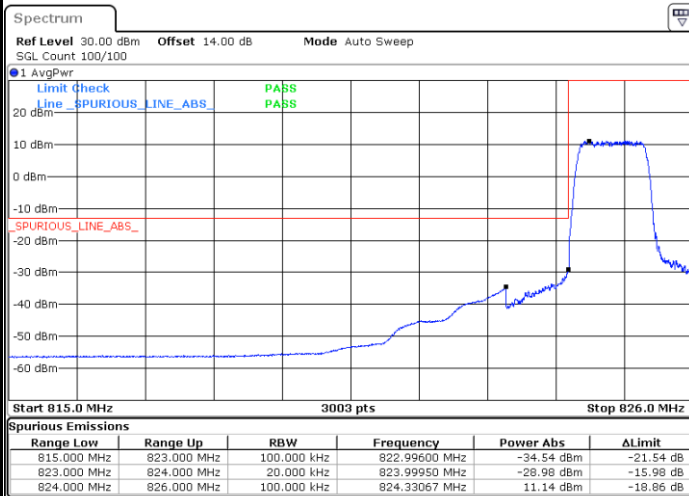
Lowest Band Edge / 1RB



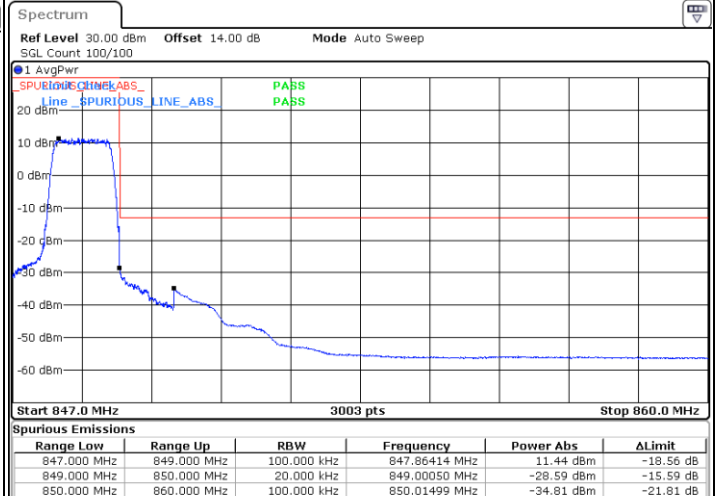
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



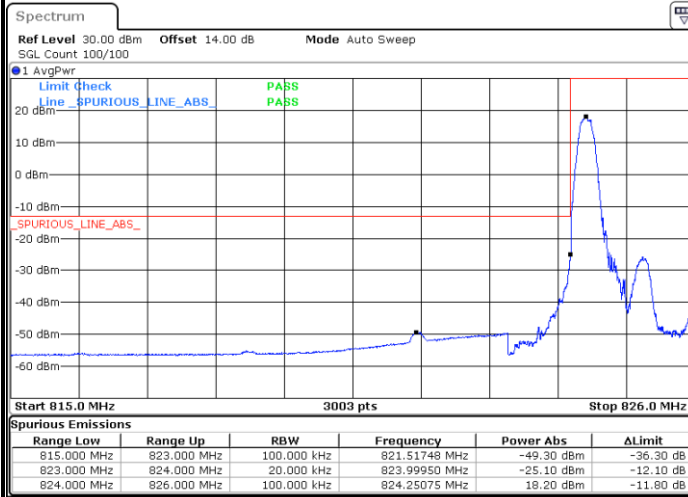
Highest Band Edge / Full RB



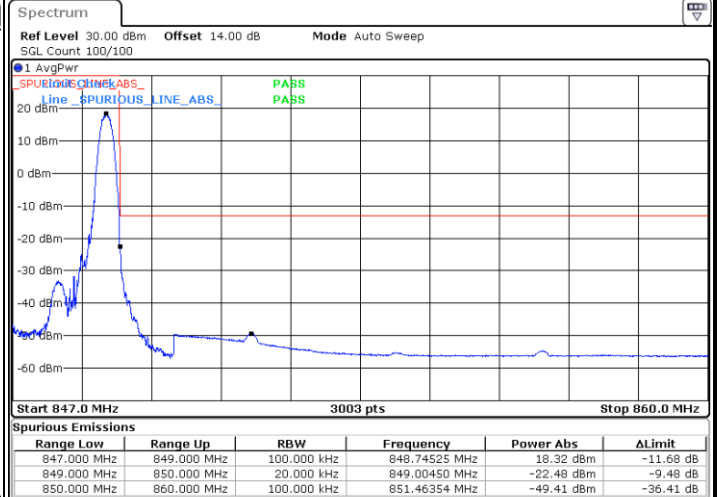


LTE Band 5 / 1.4MHz / 16QAM

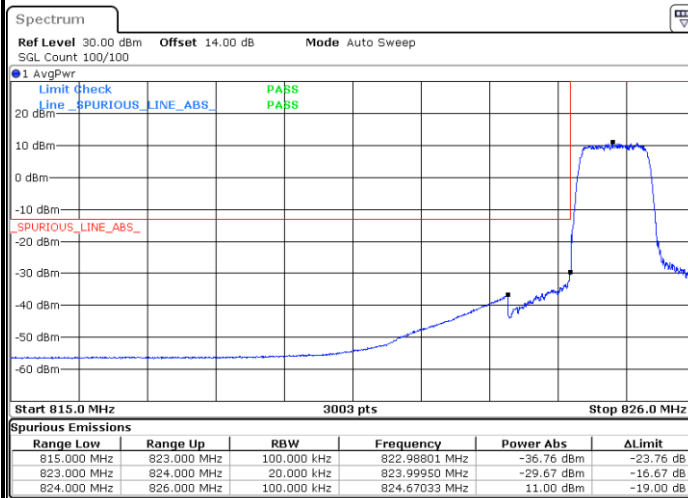
Lowest Band Edge / 1 RB



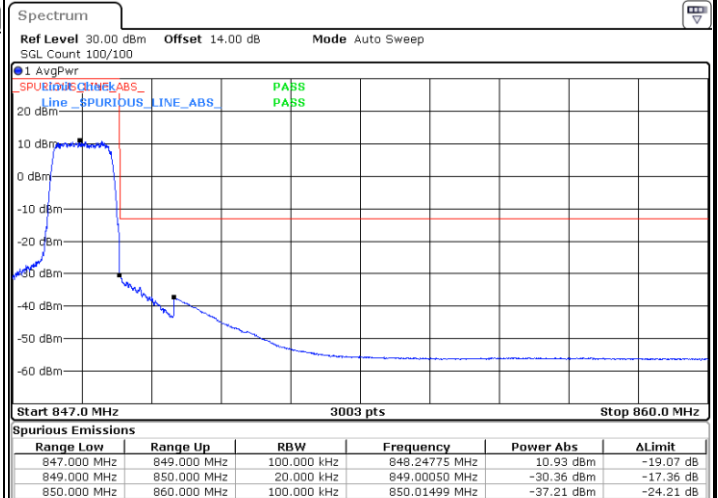
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



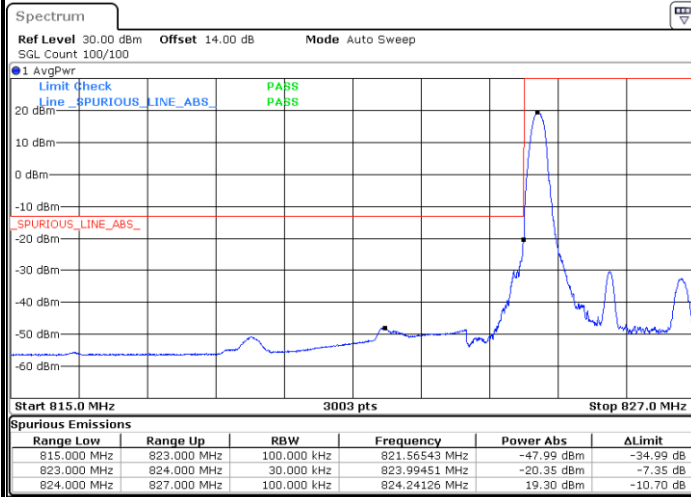
Highest Band Edge / Full RB



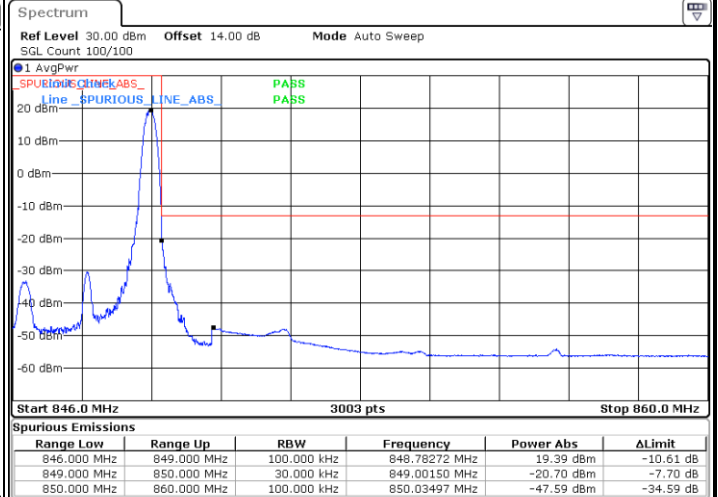


LTE Band 5 / 3MHz / QPSK

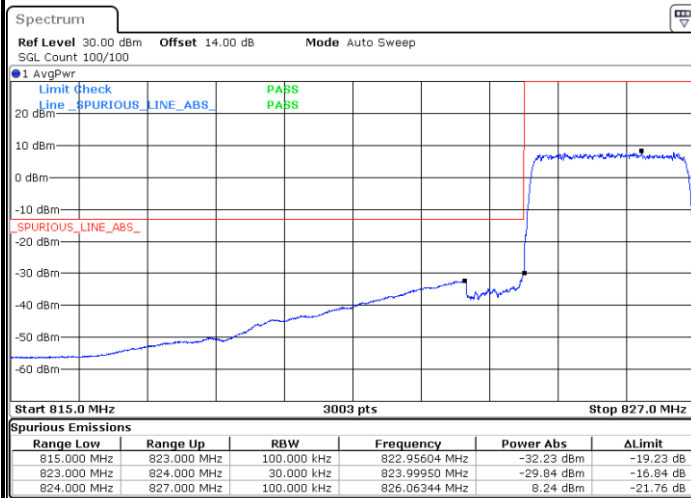
Lowest Band Edge / 1RB



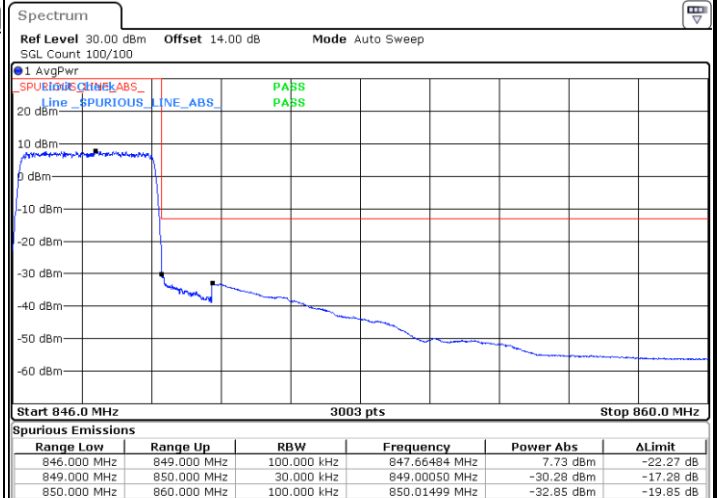
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



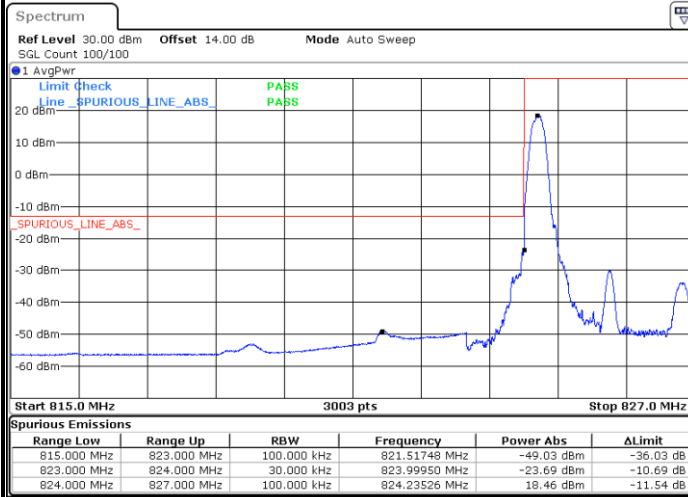
Highest Band Edge / Full RB



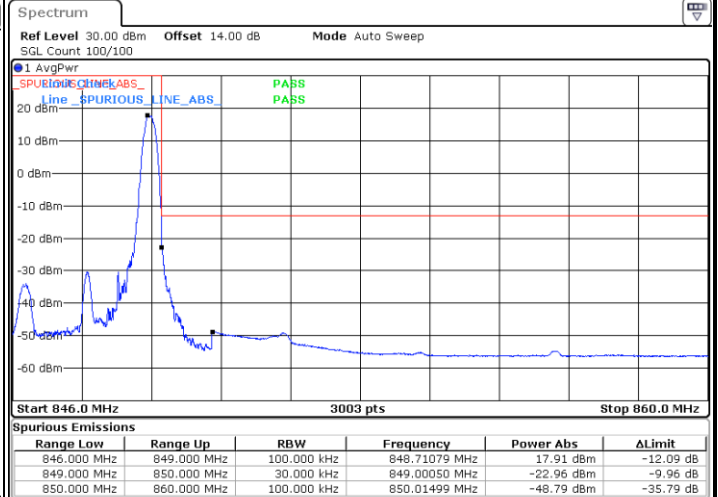


LTE Band 5 / 3MHz / 16QAM

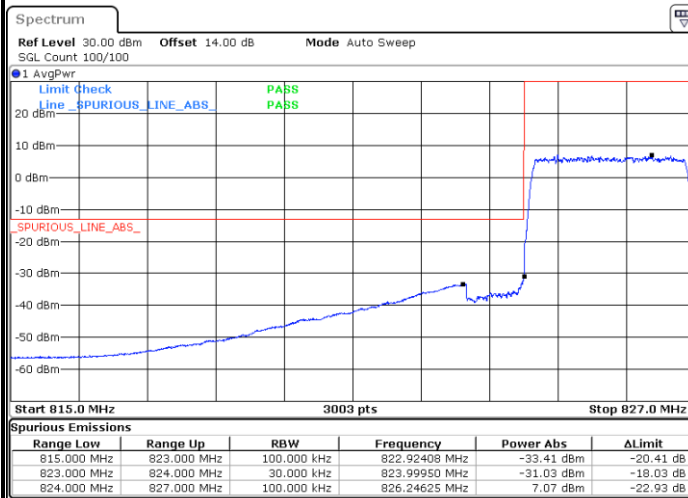
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



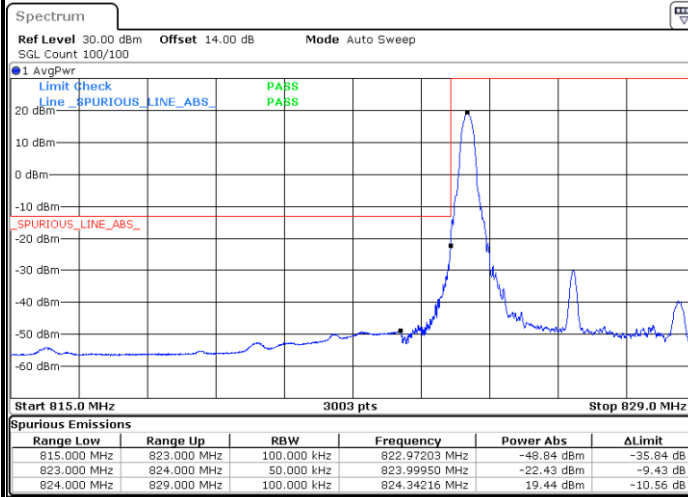
Highest Band Edge / Full RB



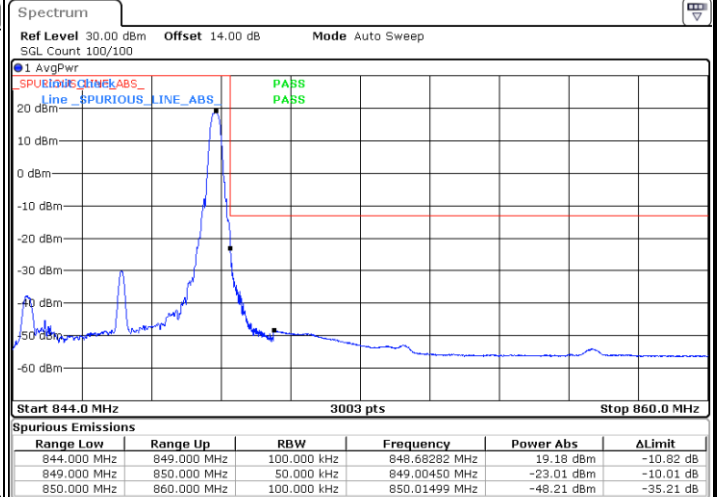


LTE Band 5 / 5MHz / QPSK

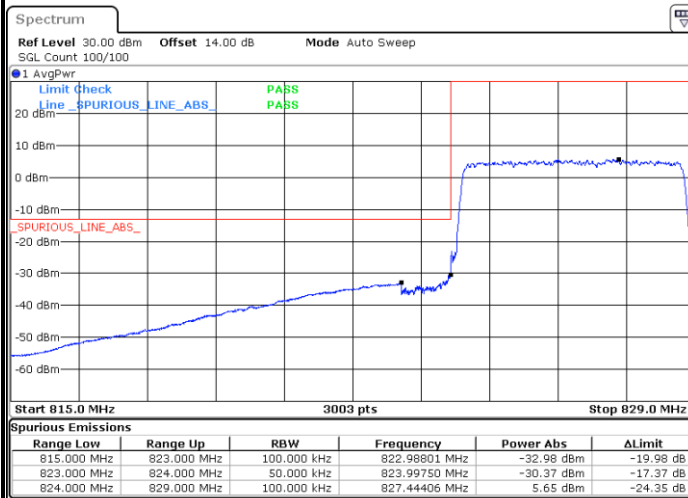
Lowest Band Edge / 1RB



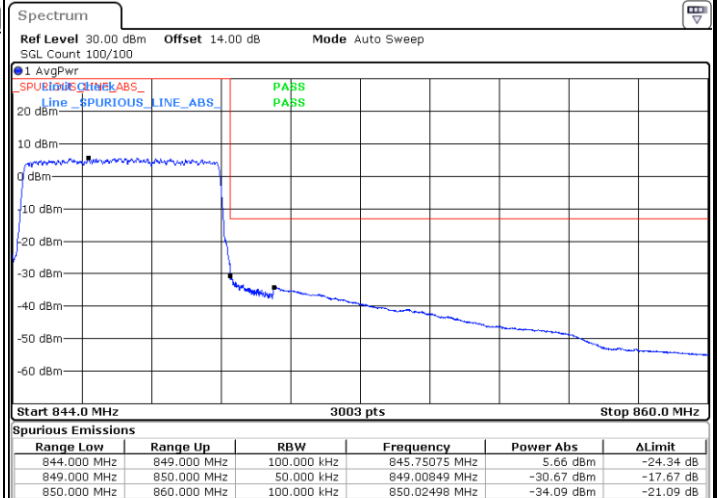
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



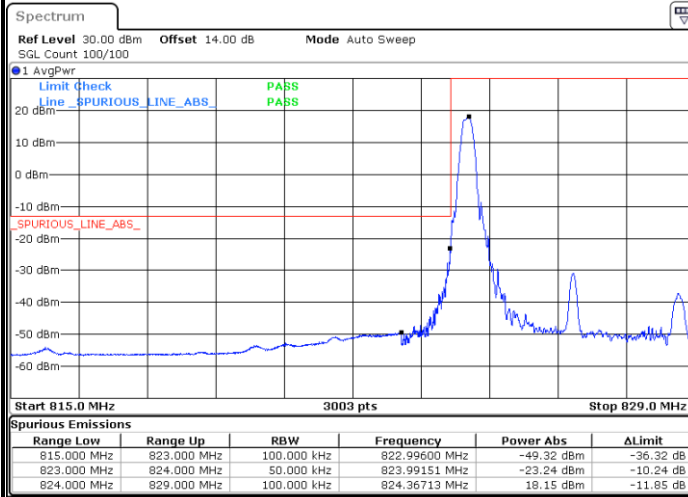
Highest Band Edge / Full RB



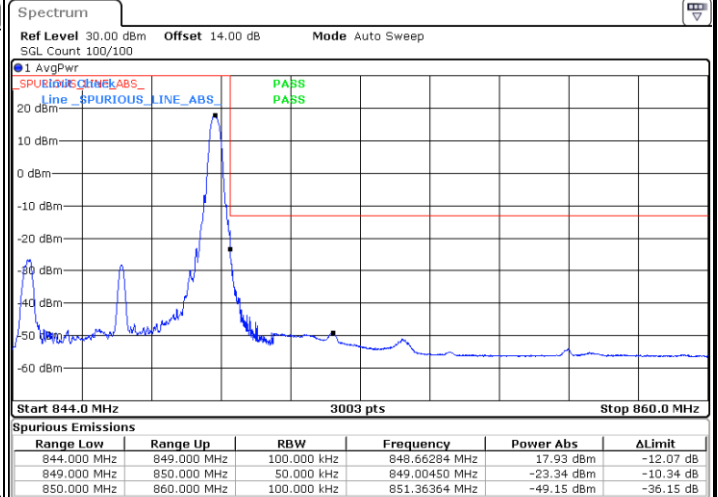


LTE Band 5 / 5MHz / 16QAM

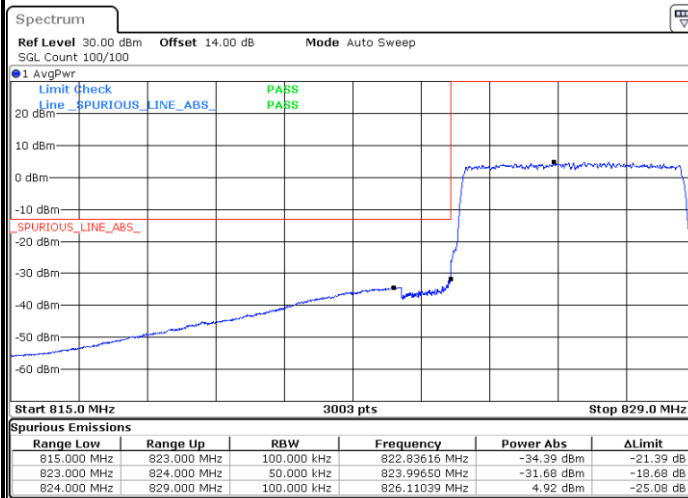
Lowest Band Edge / 1 RB



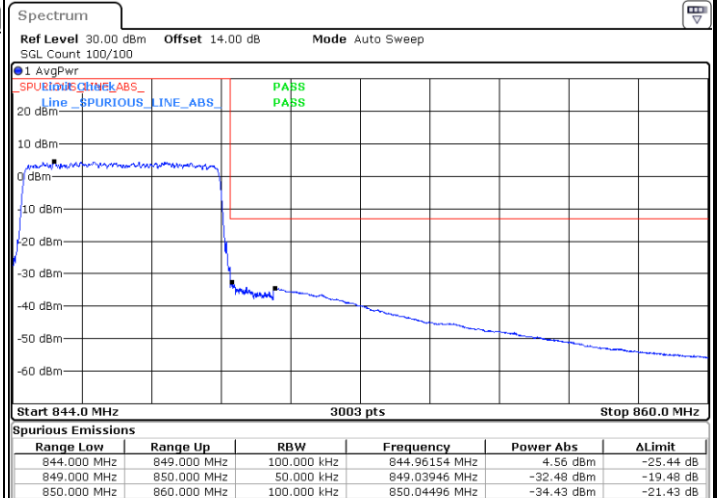
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



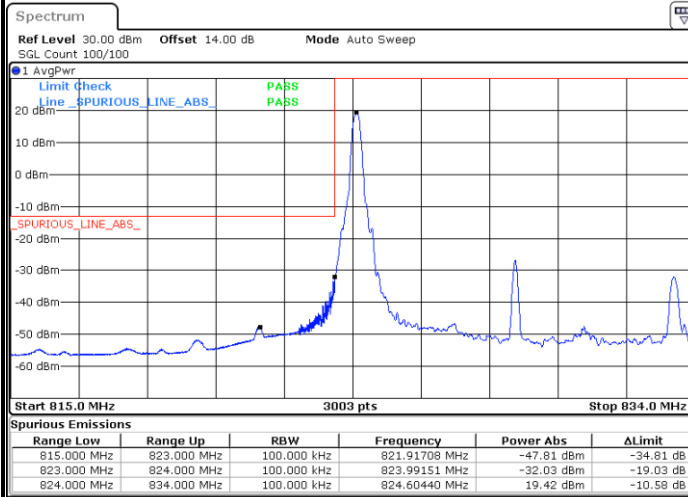
Highest Band Edge / Full RB



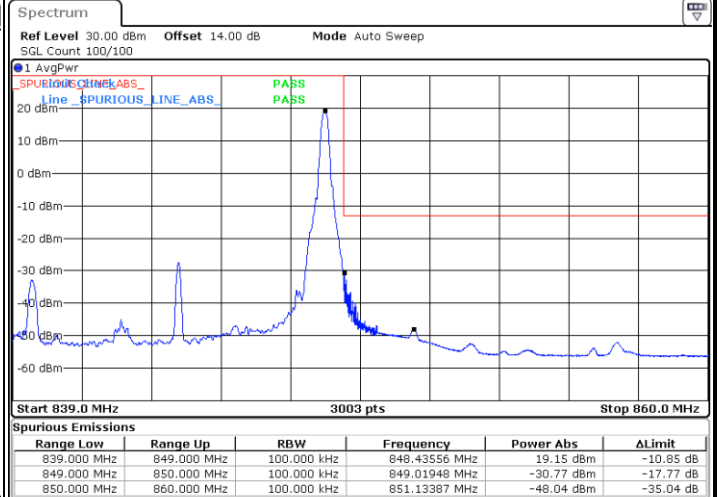


LTE Band 5 / 10MHz / QPSK

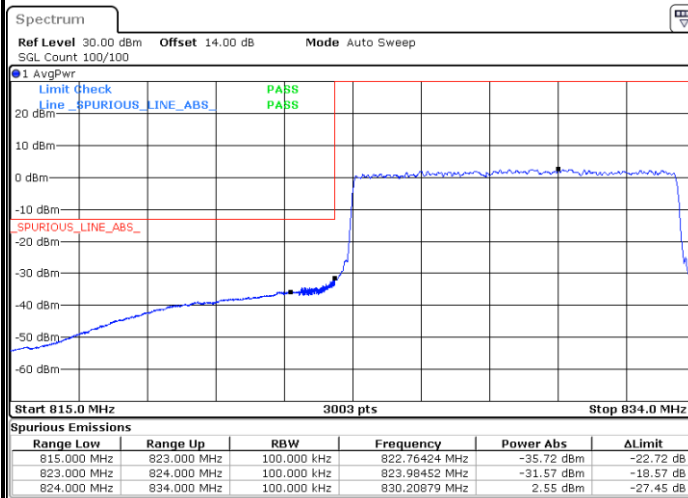
Lowest Band Edge / 1RB



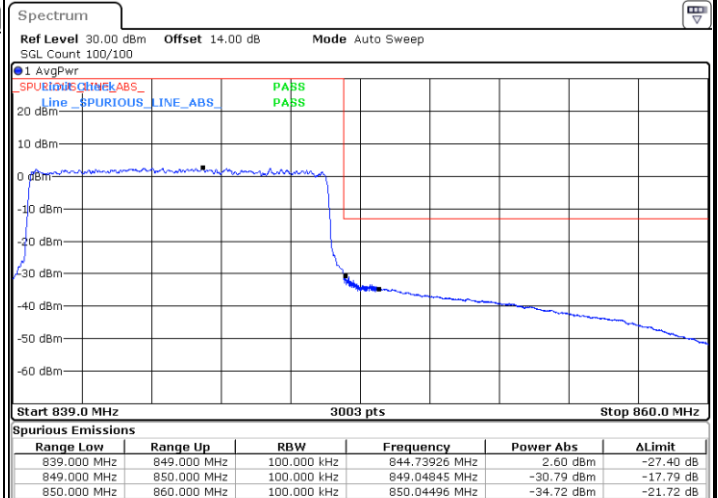
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



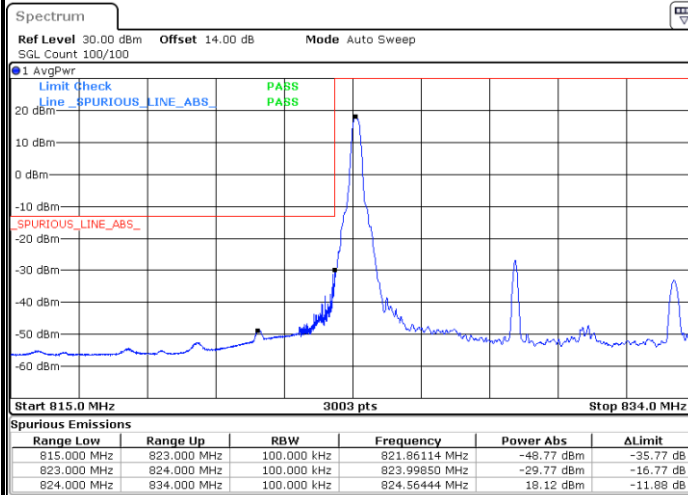
Highest Band Edge / Full RB





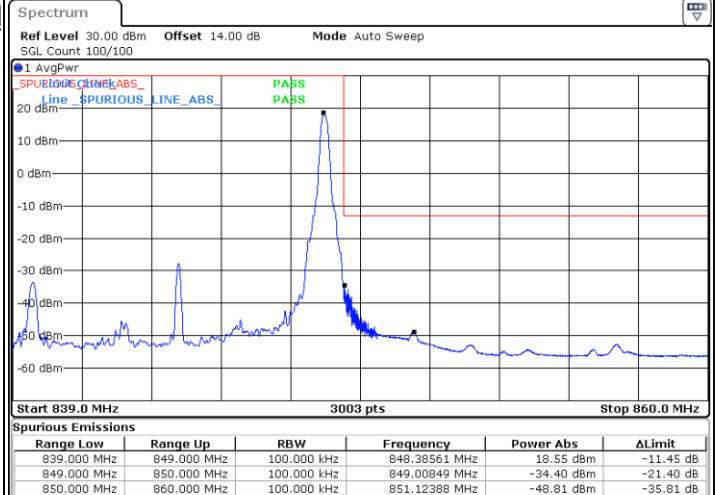
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



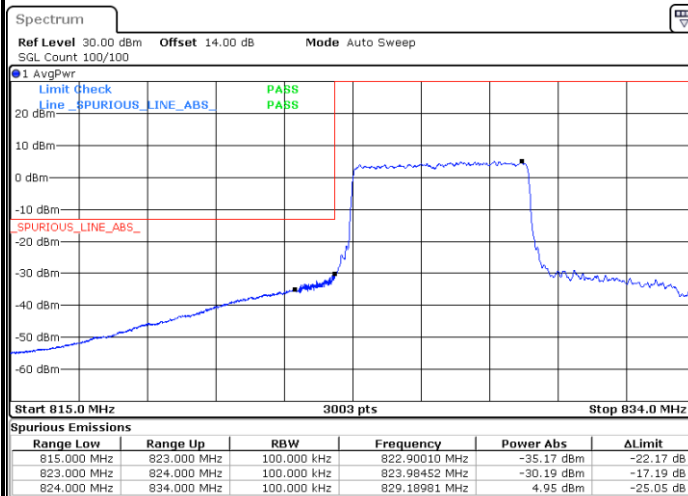
Date: 22.MAR.2025 16:05:18

Highest Band Edge / 1 RB



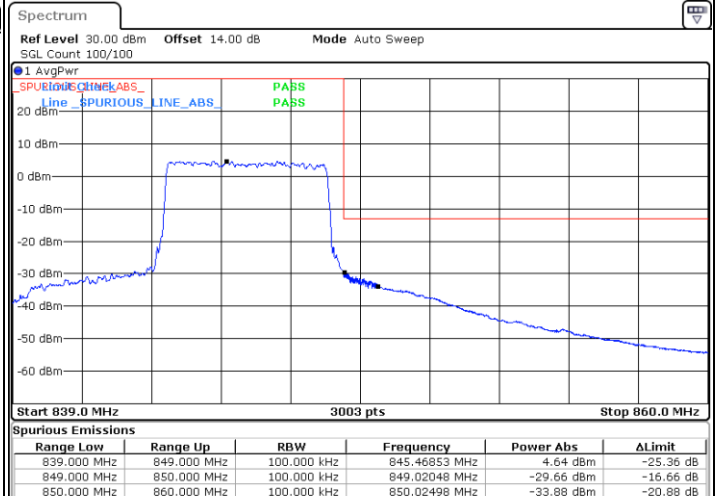
Date: 22.MAR.2025 16:07:33

Lowest Band Edge / Full RB



Date: 22.MAR.2025 11:54:20

Highest Band Edge / Full RB



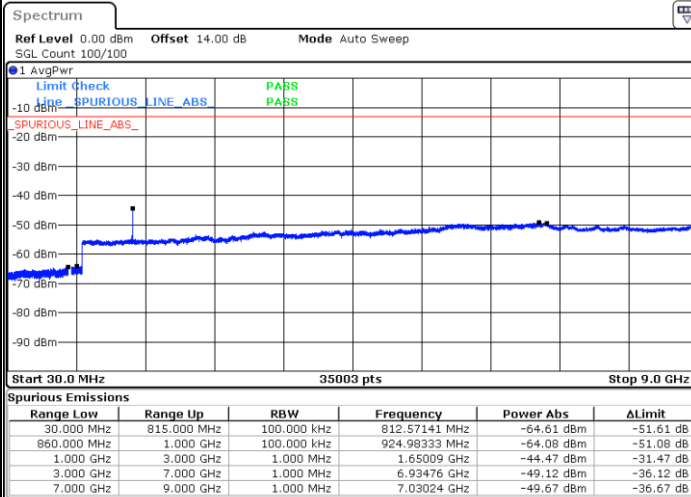
Date: 22.MAR.2025 11:57:03



Conducted Spurious Emission

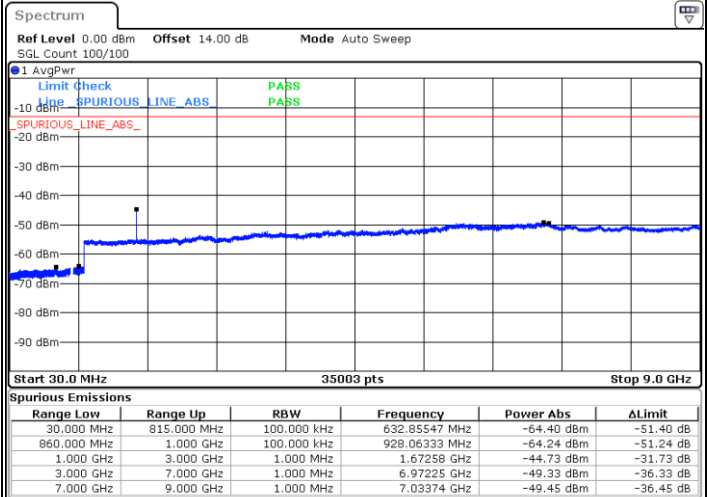
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



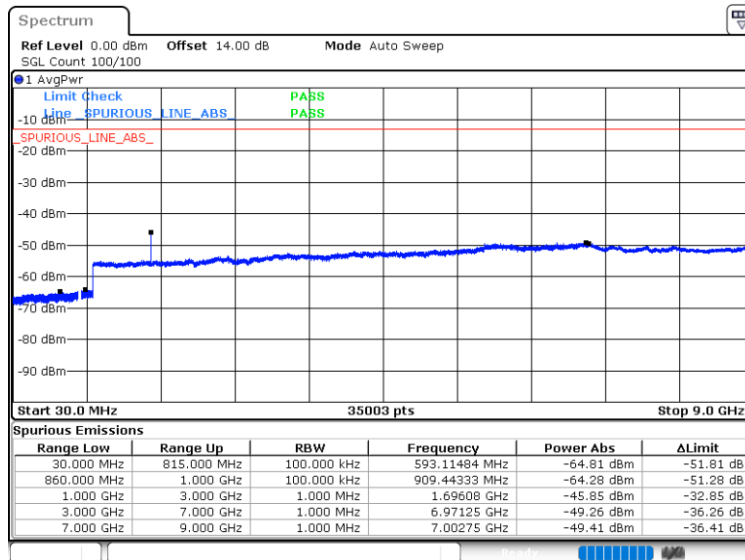
Date: 22.MAR.2025 13:52:49

Middle Channel / QPSK



Date: 22.MAR.2025 13:49:25

Highest Channel / QPSK

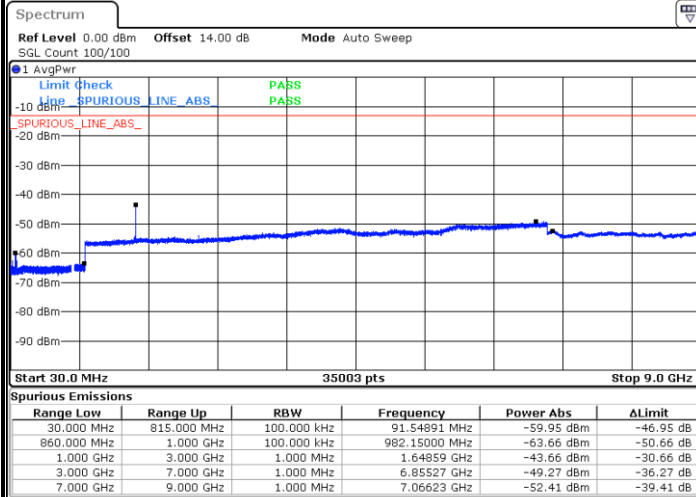


Date: 22.MAR.2025 14:21:40



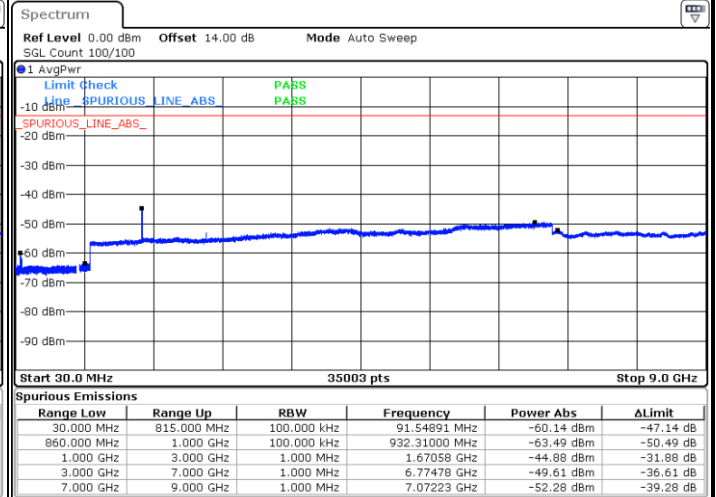
LTE Band 5 / 3MHz

Lowest Channel / QPSK



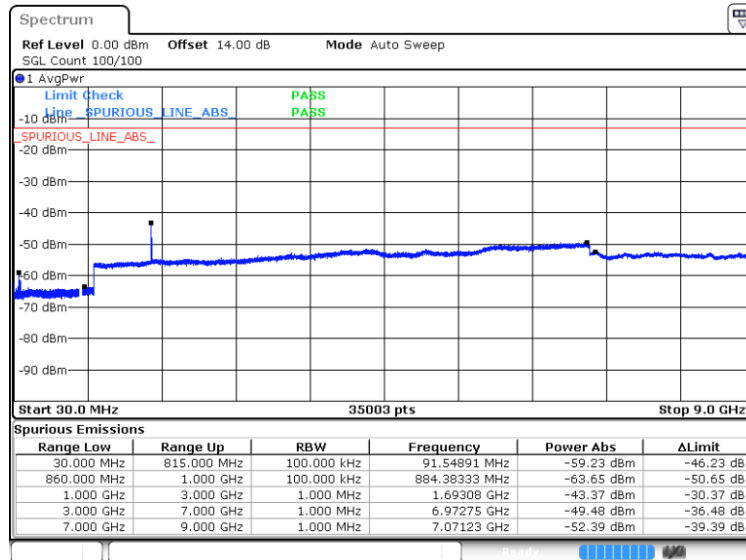
Date: 21.MAR.2025 15:34:06

Middle Channel / QPSK



Date: 21.MAR.2025 15:35:08

Highest Channel / QPSK

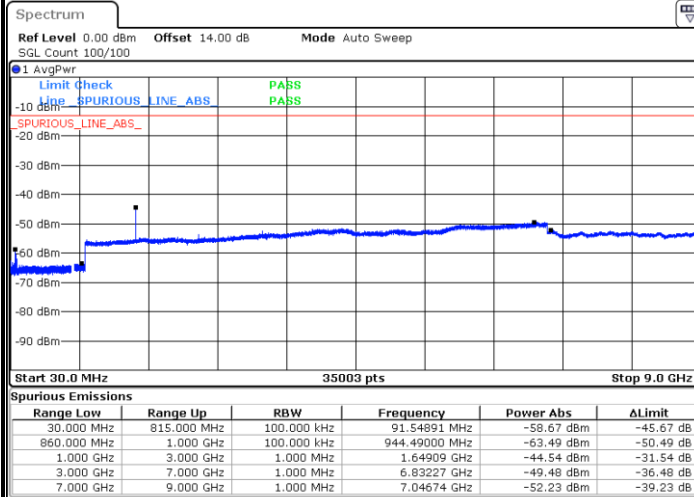


Date: 21.MAR.2025 15:40:57



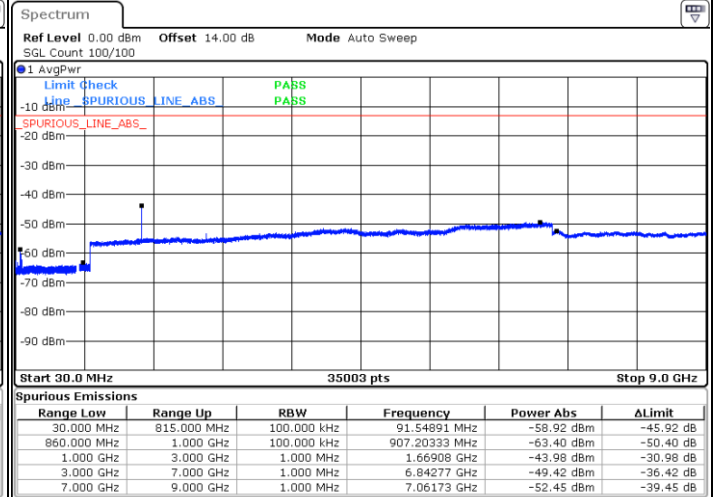
LTE Band 5 / 5MHz

Lowest Channel / QPSK



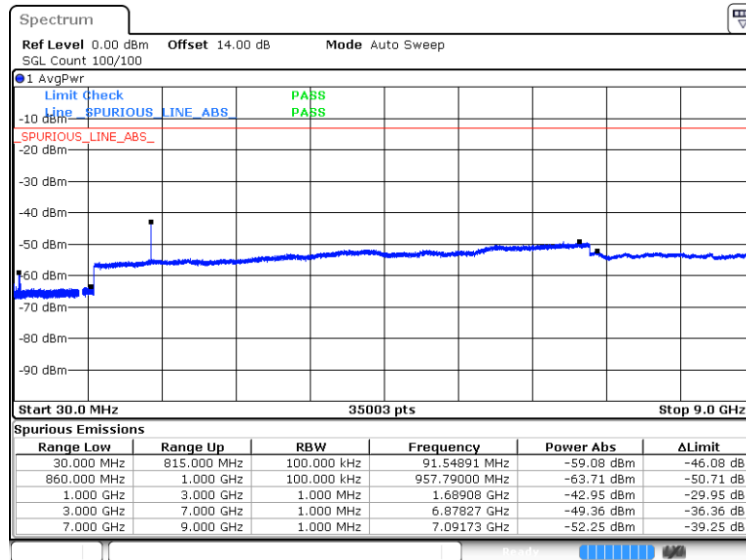
Date: 21.MAR.2025 15:45:13

Middle Channel / QPSK



Date: 21.MAR.2025 15:46:15

Highest Channel / QPSK

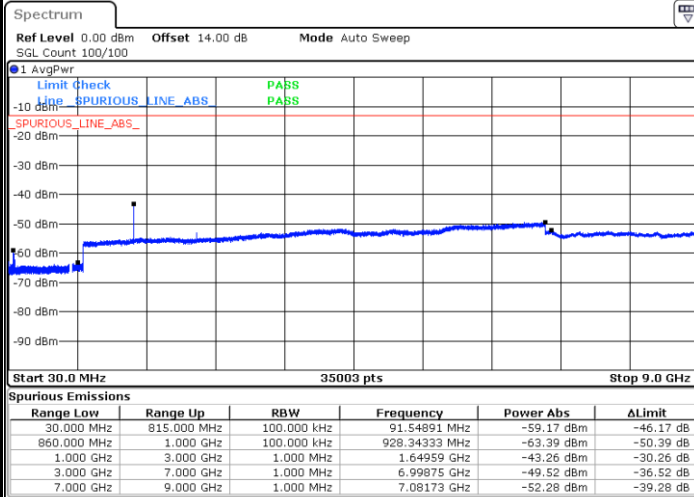


Date: 21.MAR.2025 15:52:13



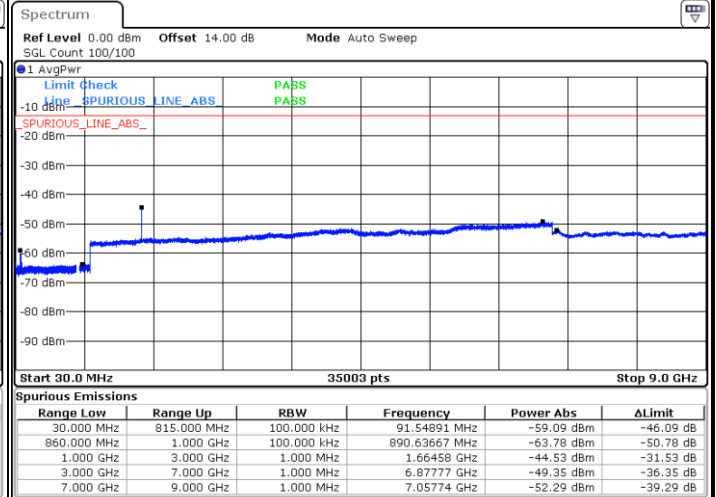
LTE Band 5 / 10MHz

Lowest Channel / QPSK



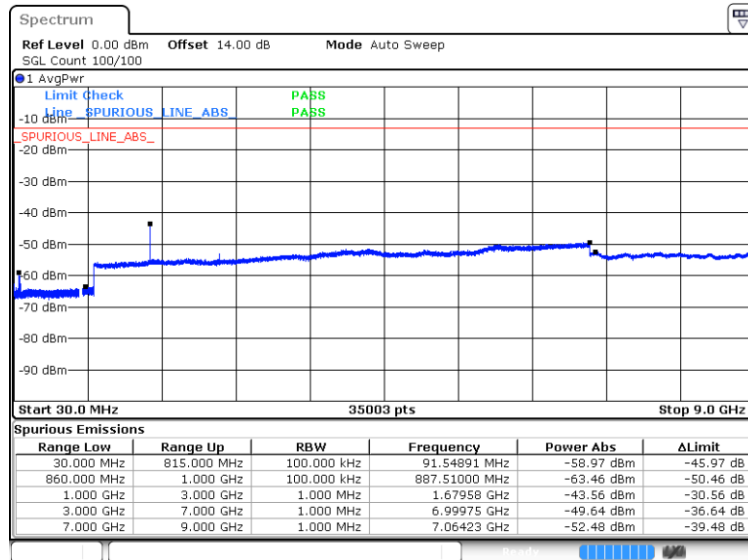
Date: 21.MAR.2025 15:55:39

Middle Channel / QPSK



Date: 21.MAR.2025 15:56:42

Highest Channel / QPSK



Date: 21.MAR.2025 16:01:20

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	0.0008	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

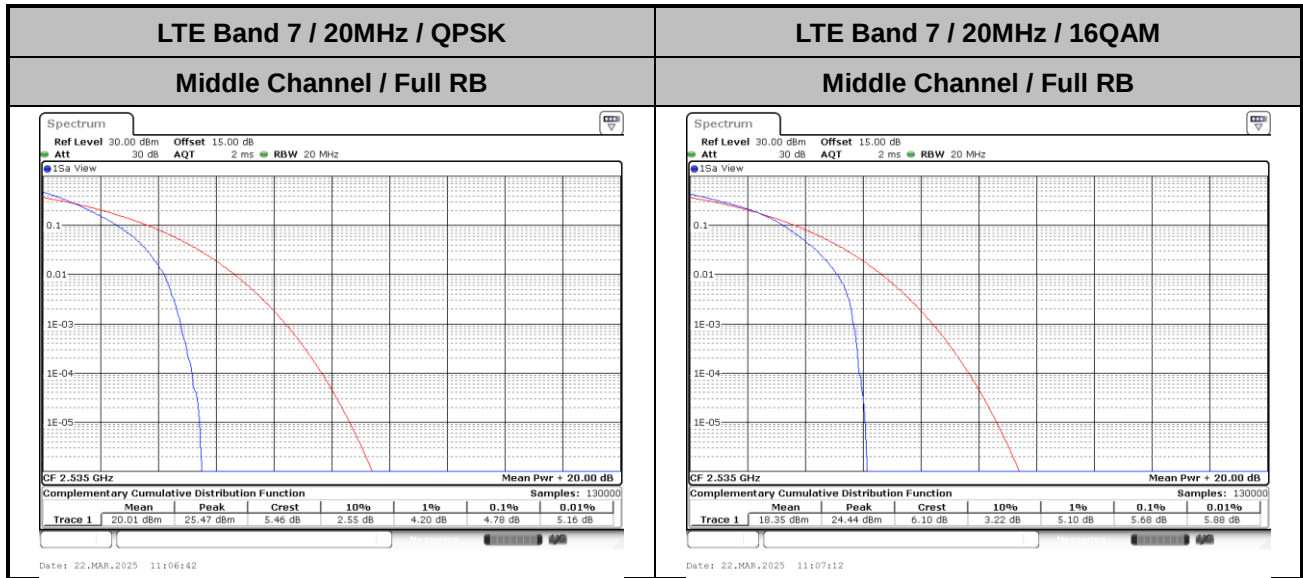
1. Normal Voltage = 3.87 V.; Battery End Point (BEP) = 3.5 V.; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.78	5.68	-	PASS





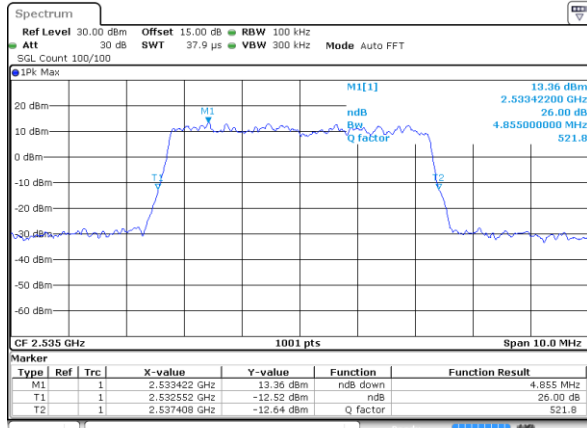
26dB Bandwidth

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	-	-	-	-	4.86	4.91	9.89	5.65	14.36	5.78	18.98	5.83



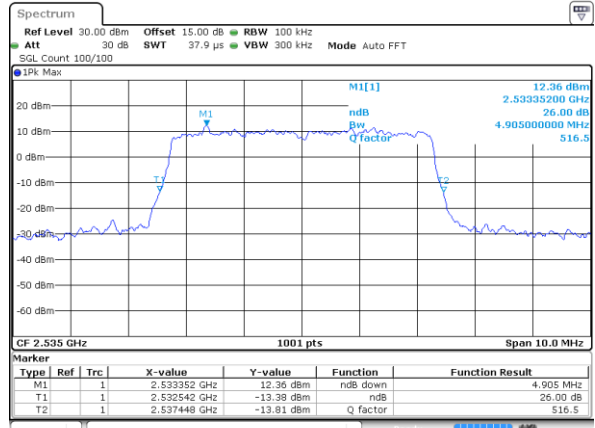
LTE Band 7

Middle Channel / 5MHz / QPSK



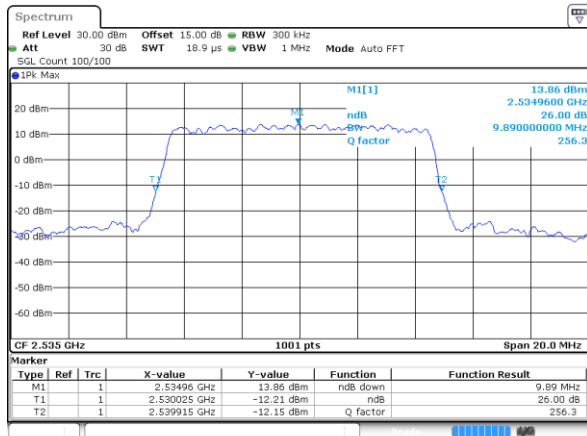
Date: 21 MAR 2025 16:32:16

Middle Channel / 5MHz / 16QAM



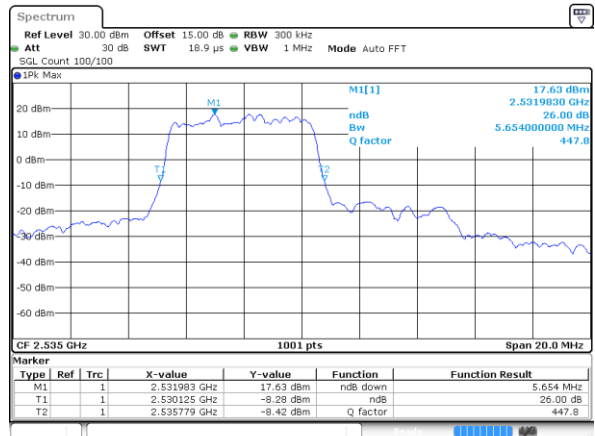
Date: 21 MAR 2025 16:32:59

Middle Channel / 10MHz / QPSK



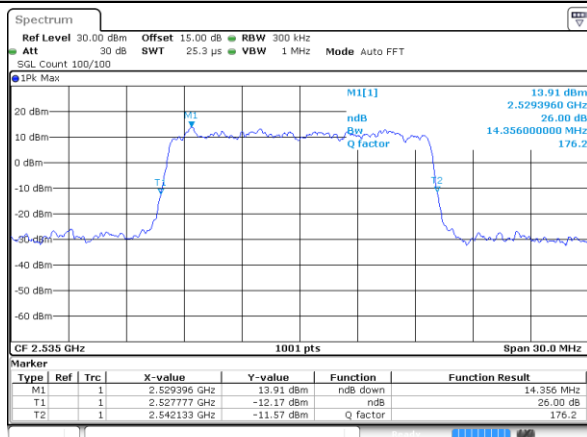
Date: 21 MAR 2025 16:48:28

Middle Channel / 10MHz / 16QAM



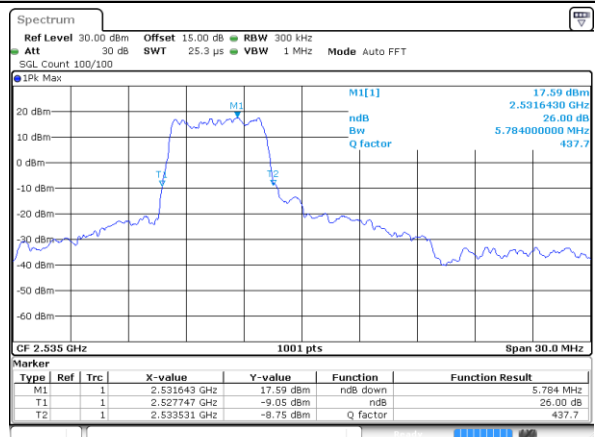
Date: 21 MAR 2025 19:11:31

Middle Channel / 15MHz / QPSK



Date: 21 MAR 2025 16:56:02

Middle Channel / 15MHz / 16QAM

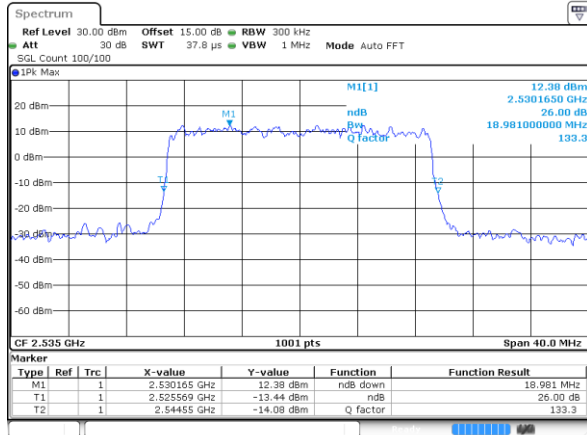


Date: 22 MAR 2025 11:47:00

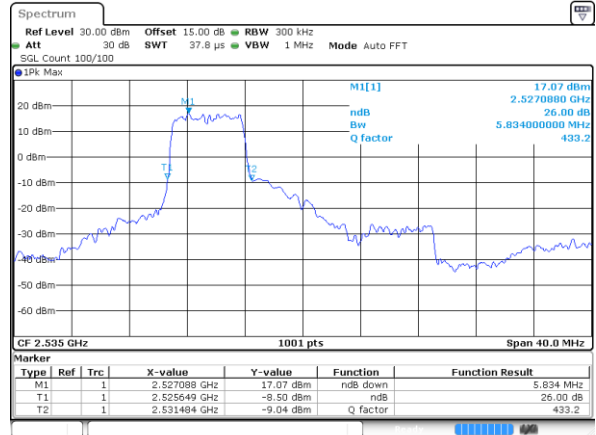


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





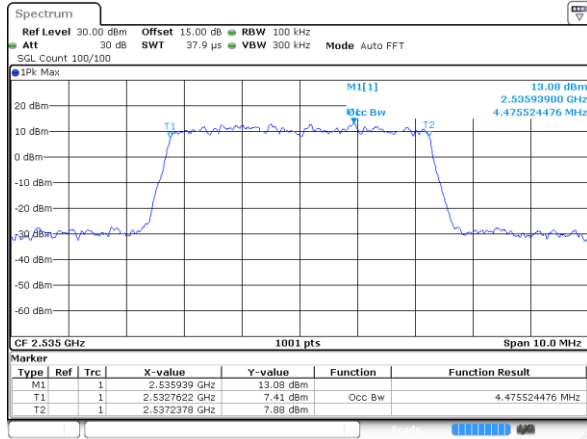
Occupied Bandwidth

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	-	-	-	-	4.48	4.48	8.99	5.01	13.43	4.95	17.94	5.07

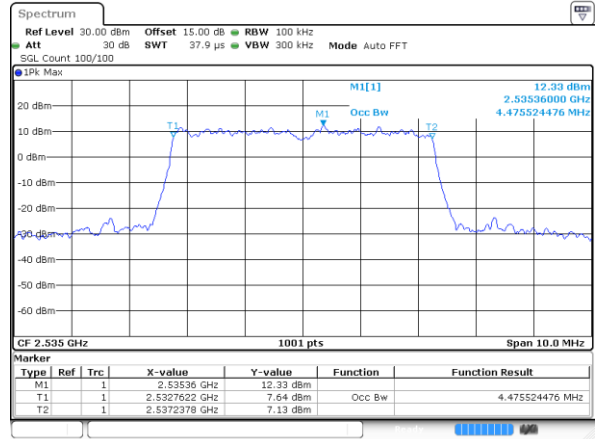


LTE Band 7

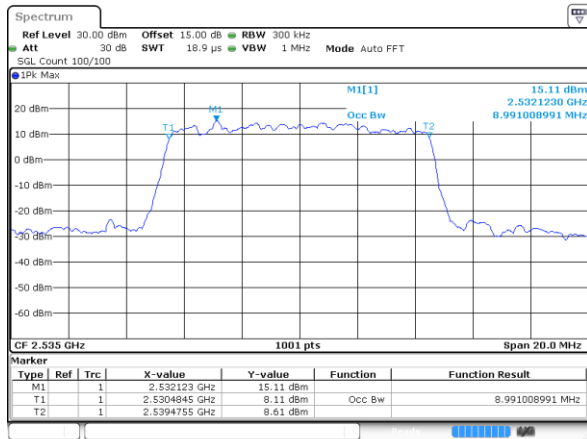
Middle Channel / 5MHz / QPSK



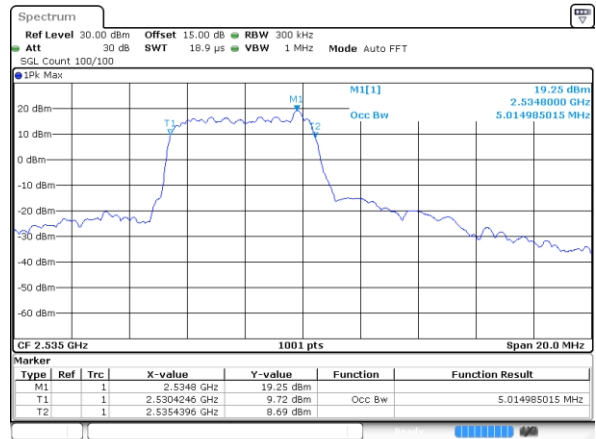
Middle Channel / 5MHz / 16QAM



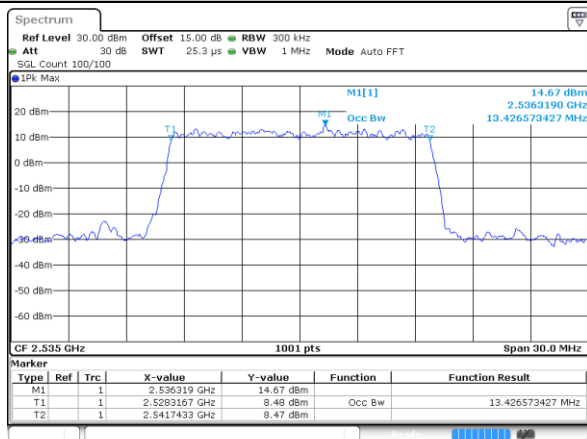
Middle Channel / 10MHz / QPSK



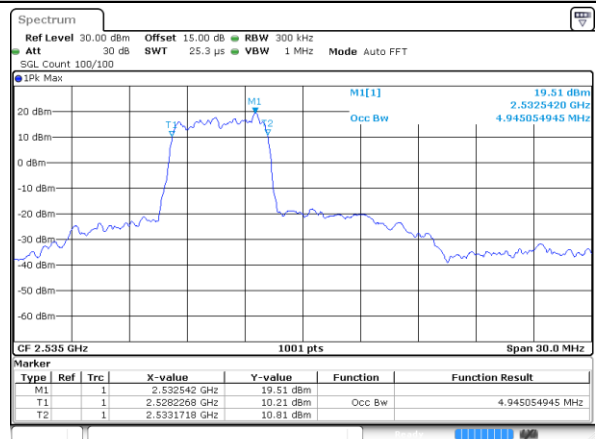
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



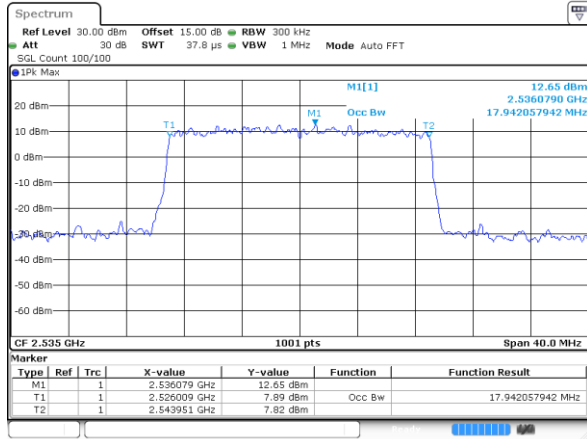
Middle Channel / 15MHz / 16QAM





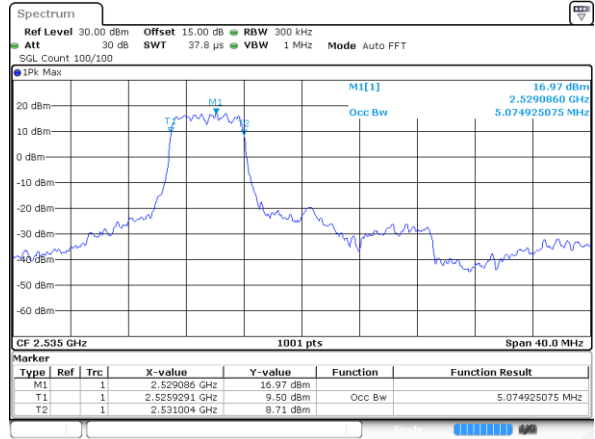
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 21 MAR 2025 17:03:23

Middle Channel / 20MHz / 16QAM



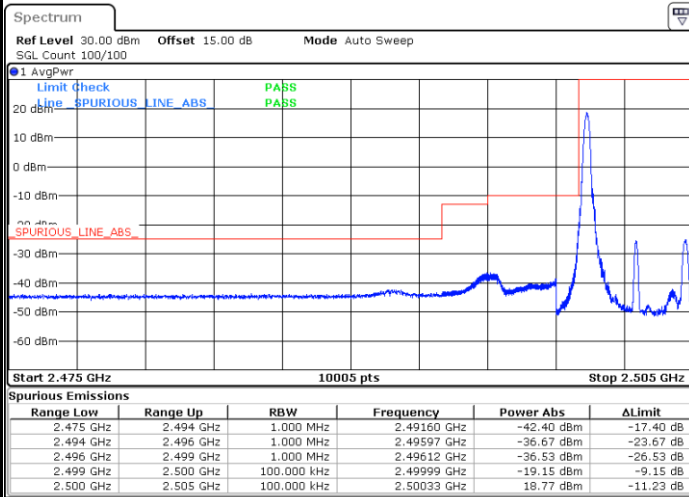
Date: 22 MAR 2025 11:51:07



Conducted Band Edge

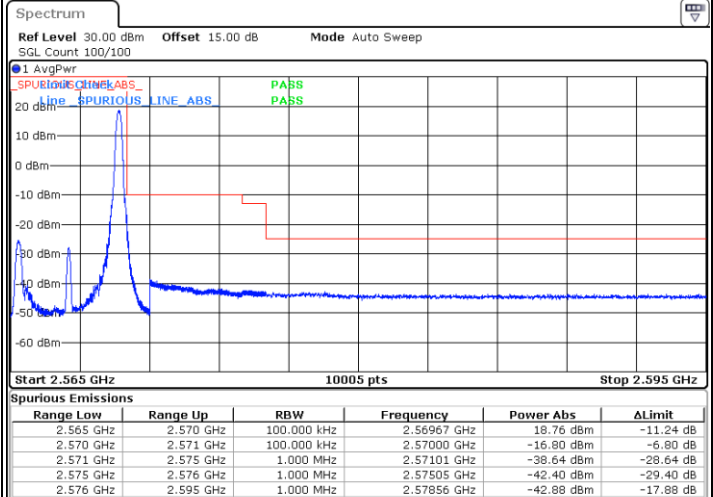
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



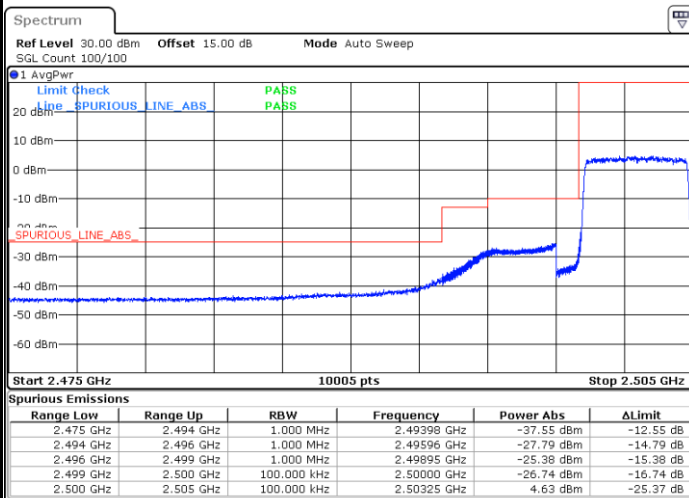
Date: 21 MAR 2025 16:27:35

Highest Band Edge / 1 RB



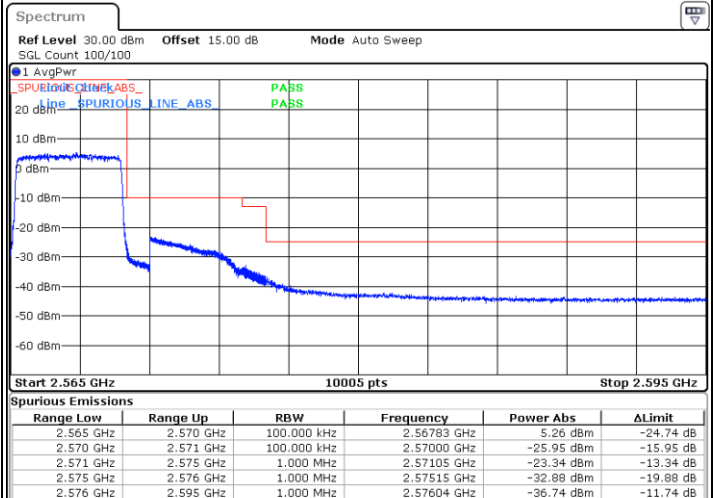
Date: 21 MAR 2025 16:33:32

Lowest Band Edge / Full RB



Date: 21 MAR 2025 16:28:45

Highest Band Edge / Full RB

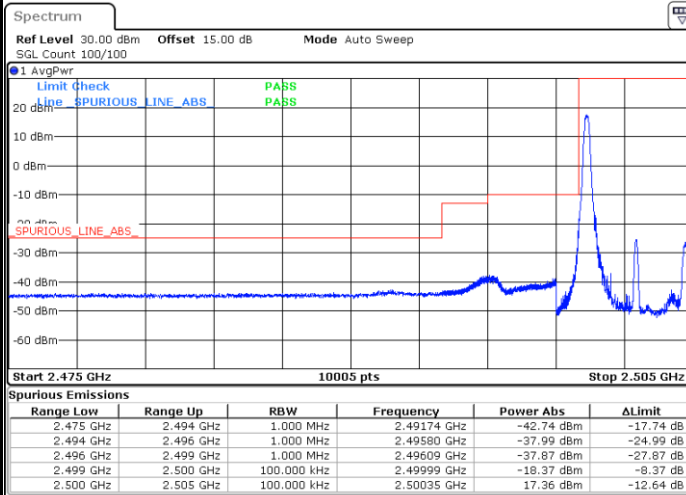


Date: 21 MAR 2025 16:40:41

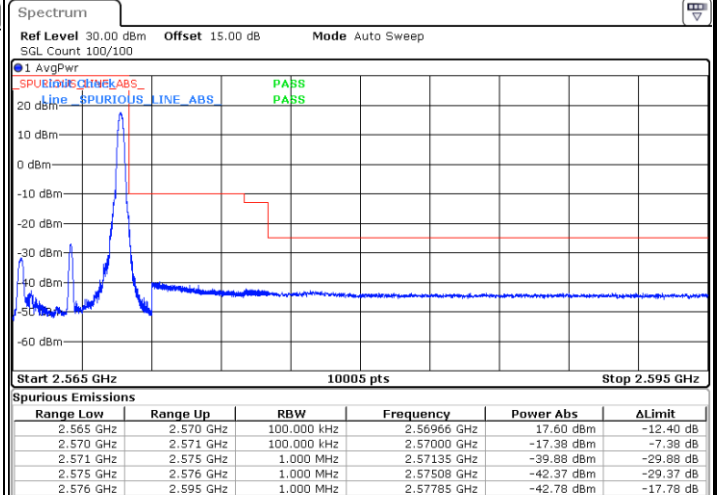


LTE Band 7 / 5MHz / 16QAM

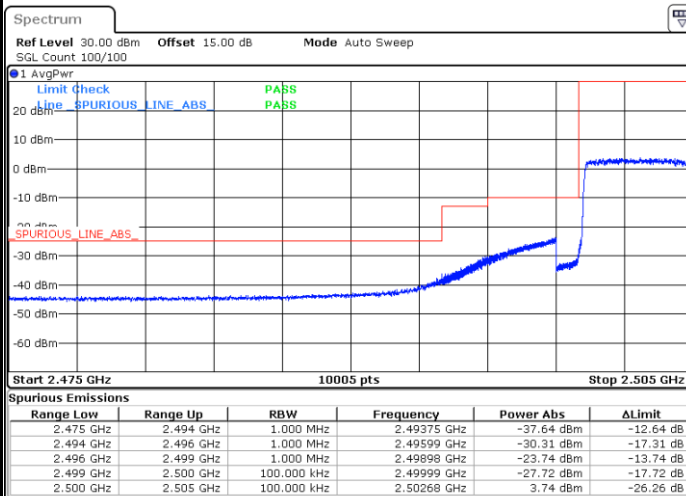
Lowest Band Edge / 1RB



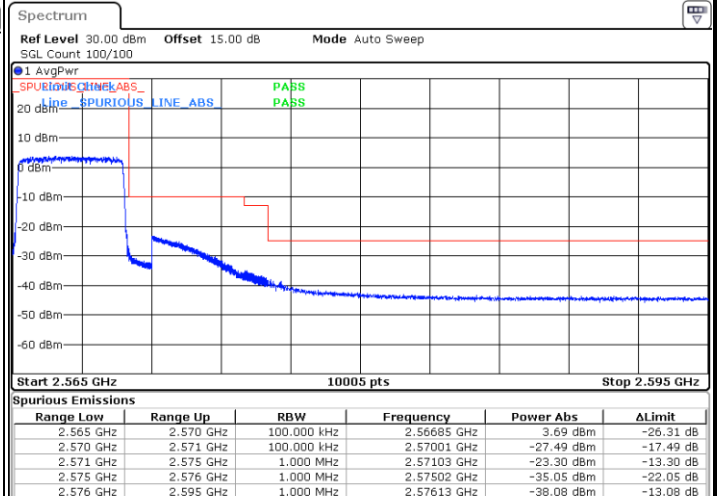
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



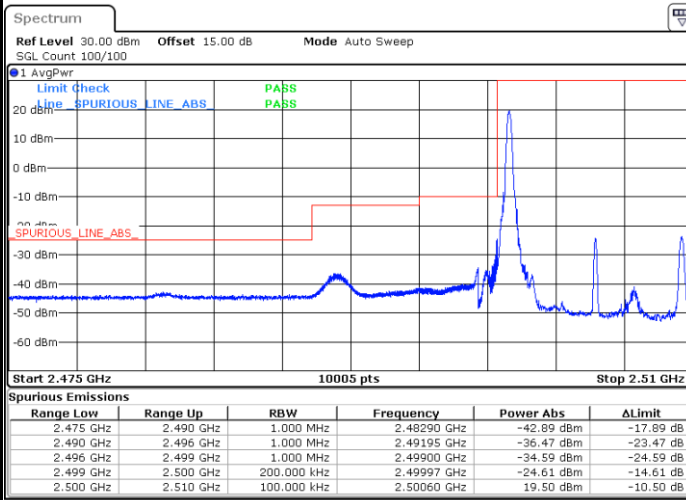
Highest Band Edge / Full RB



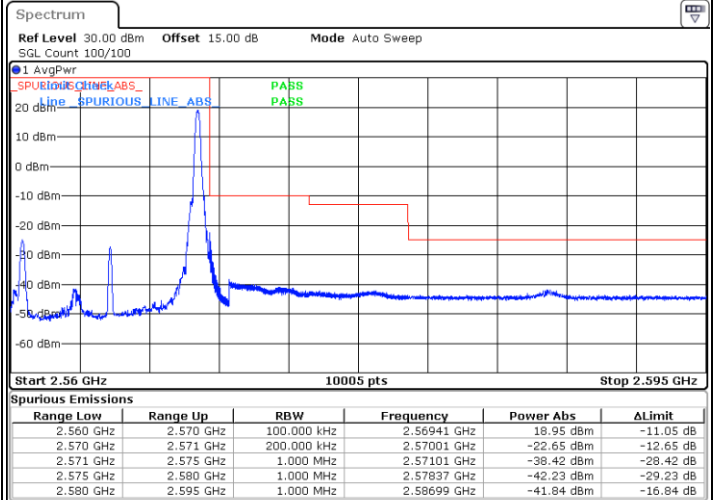


LTE Band 7 / 10MHz / QPSK

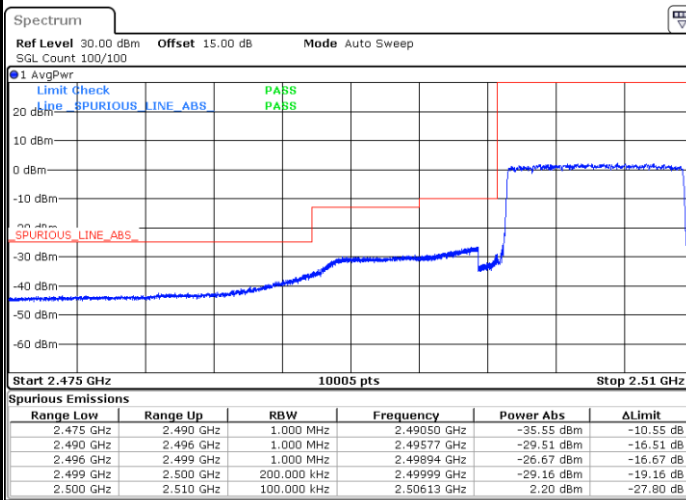
Lowest Band Edge / 1 RB



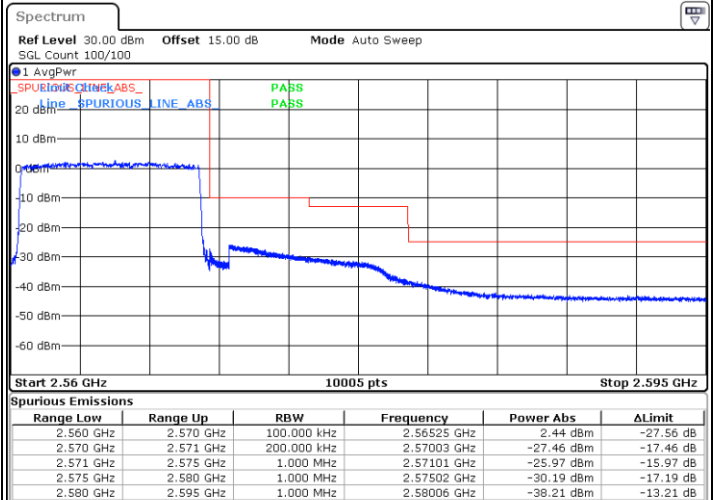
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



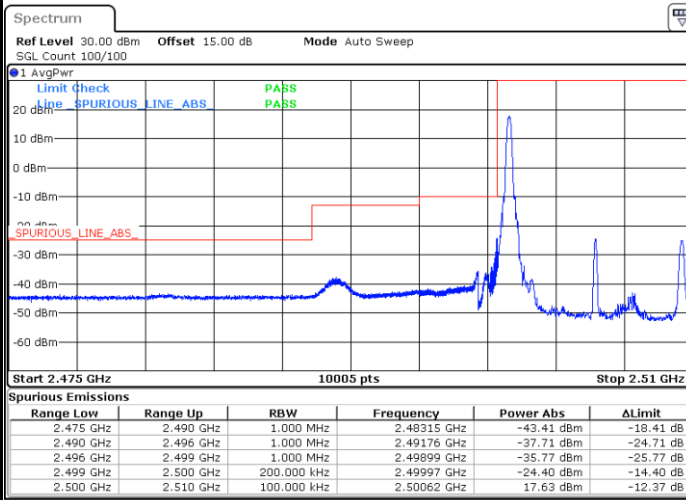
Highest Band Edge / Full RB





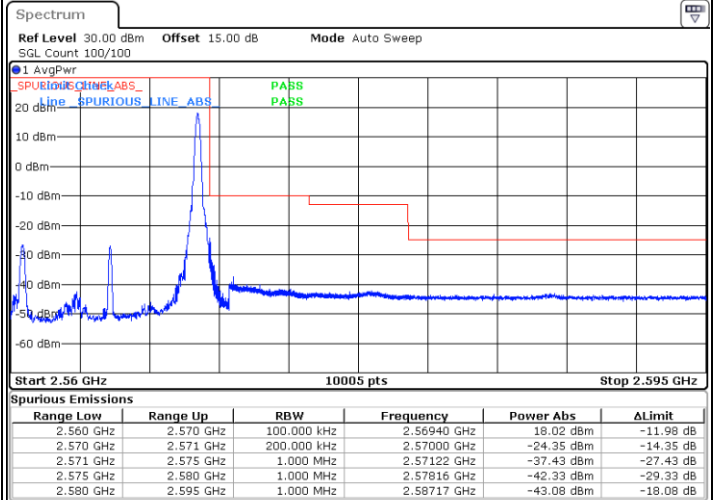
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



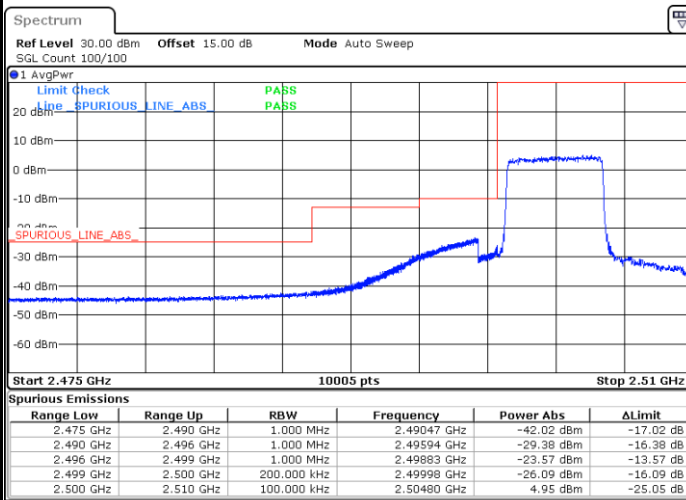
Date: 21 MAR 2025 16:45:05

Highest Band Edge / 1 RB



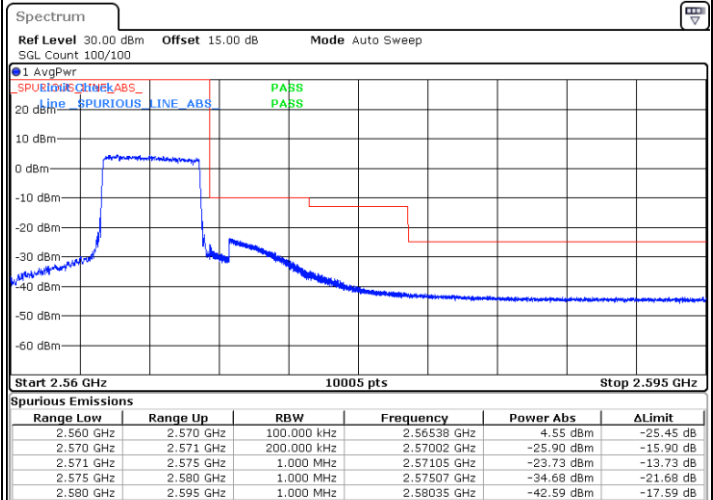
Date: 21 MAR 2025 16:49:36

Lowest Band Edge / Full RB



Date: 21 MAR 2025 19:06:43

Highest Band Edge / Full RB

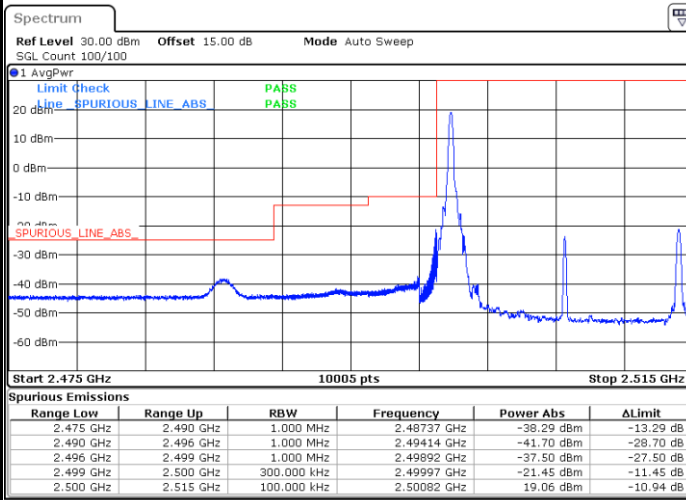


Date: 21 MAR 2025 19:21:19

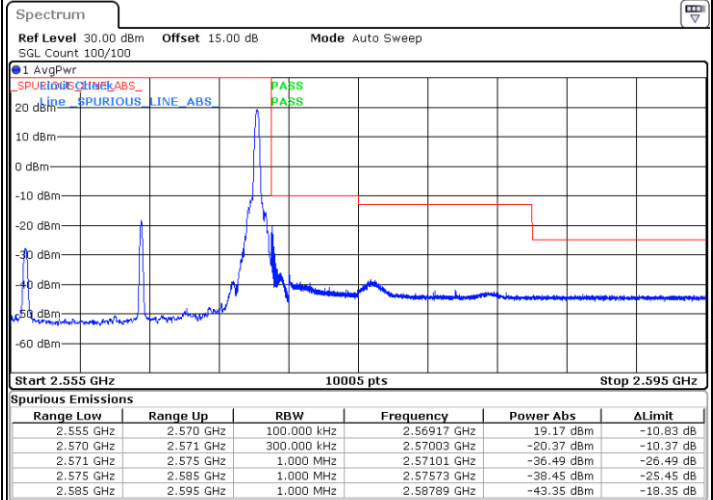


LTE Band 7 / 15MHz / QPSK

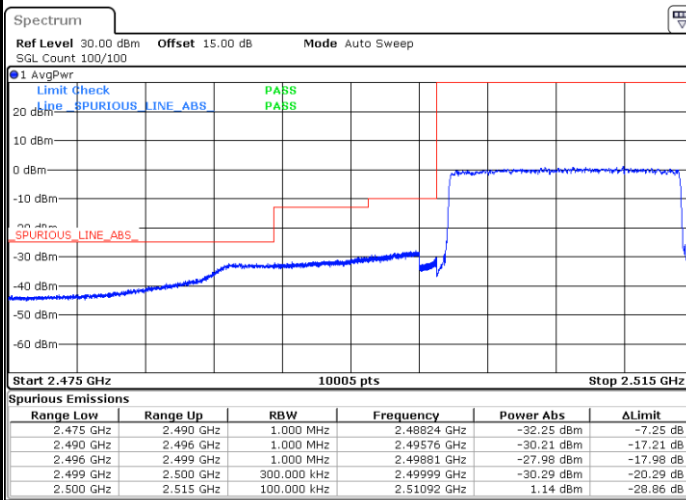
Lowest Band Edge / 1 RB



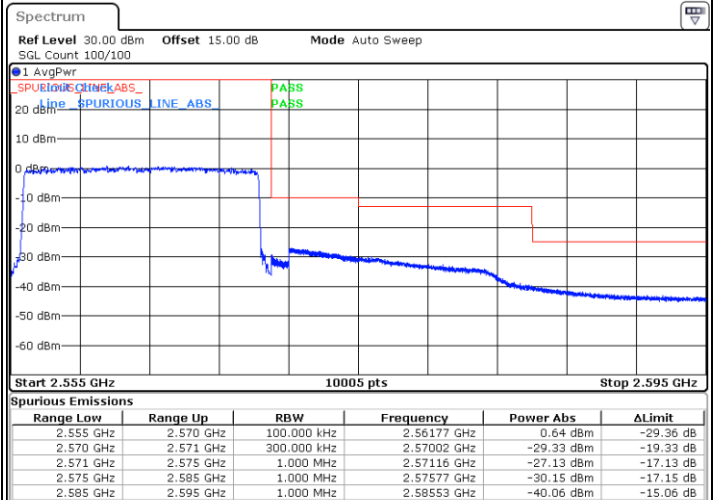
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



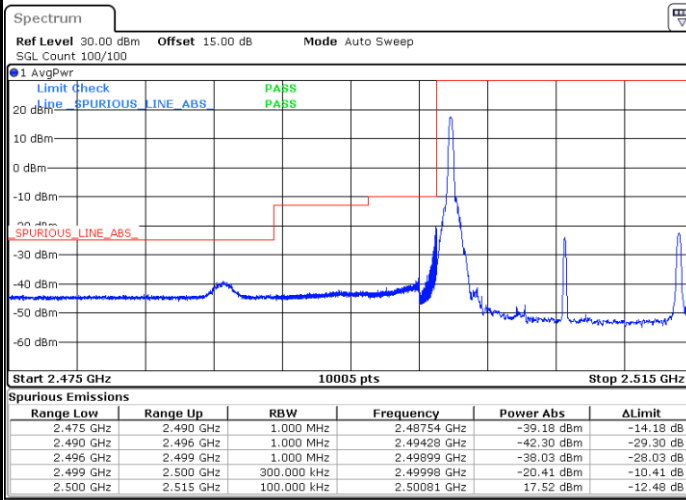
Highest Band Edge / Full RB



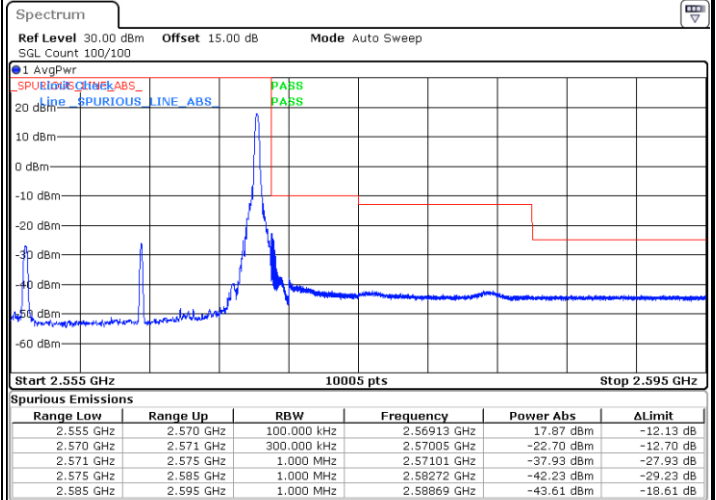


LTE Band 7 / 15MHz / 16QAM

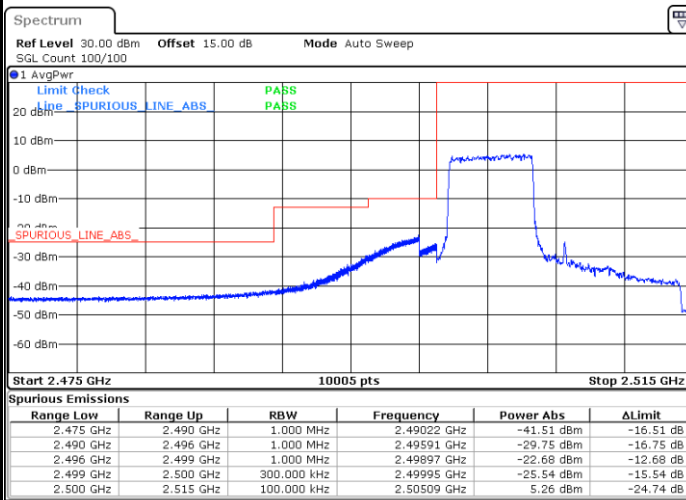
Lowest Band Edge / 1RB



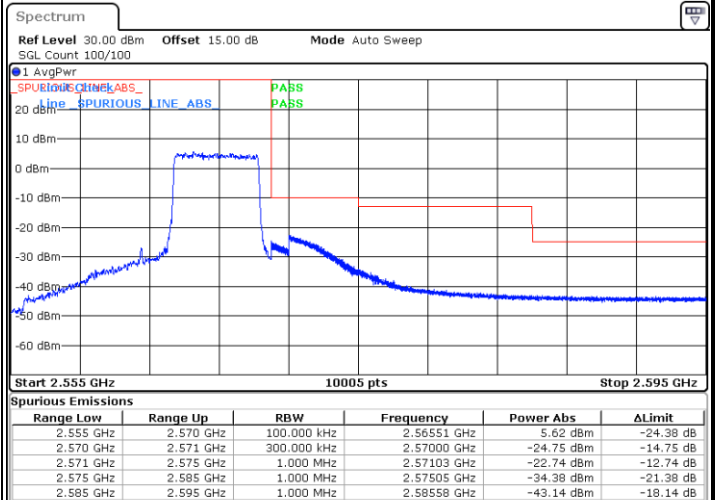
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



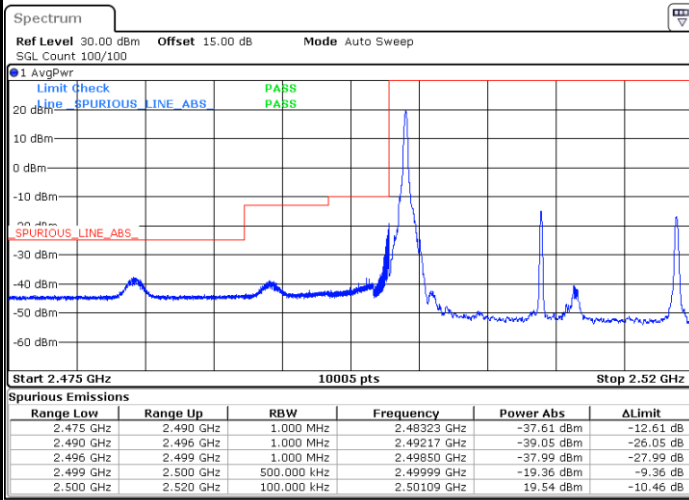
Highest Band Edge / Full RB





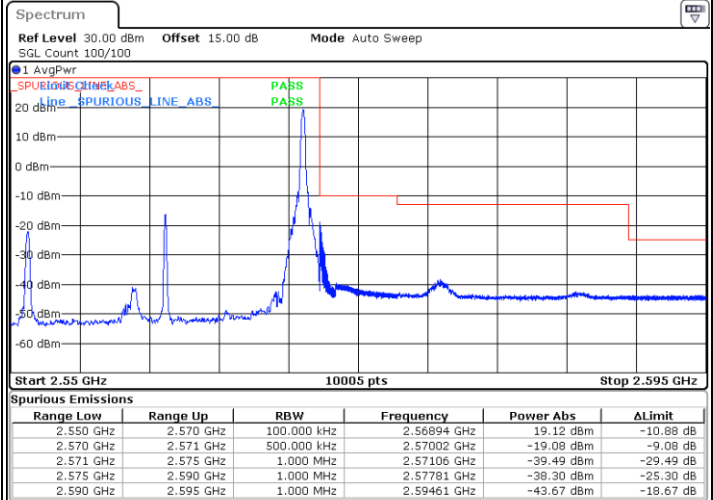
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



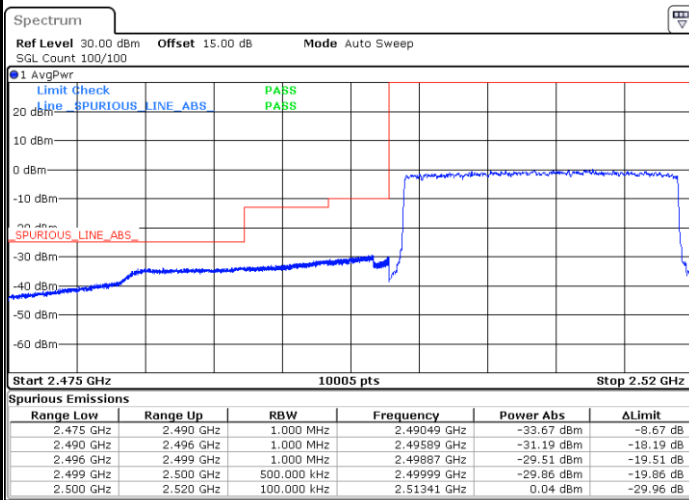
Date: 21 MAR 2025 16:59:32

Highest Band Edge / 1 RB



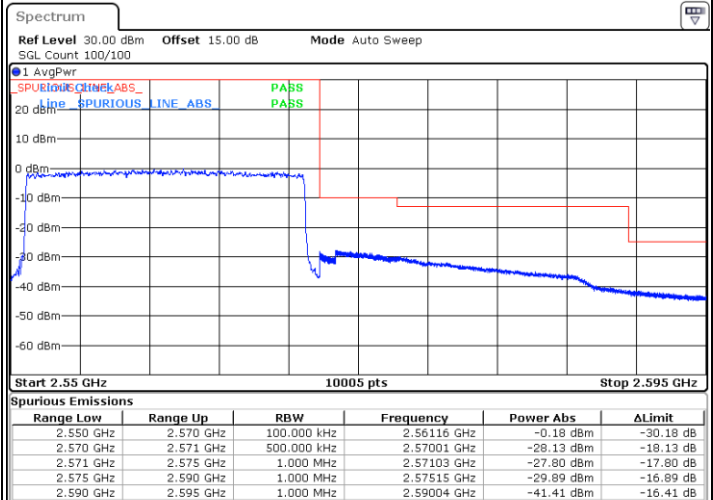
Date: 21 MAR 2025 17:07:44

Lowest Band Edge / Full RB



Date: 21 MAR 2025 17:00:41

Highest Band Edge / Full RB



Date: 21 MAR 2025 17:08:53