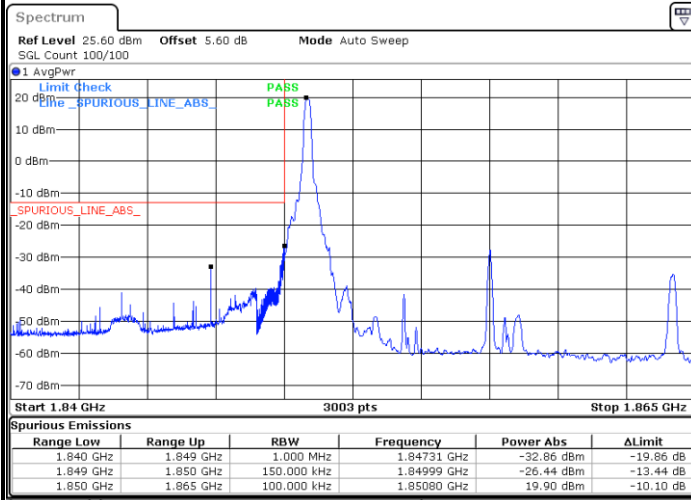


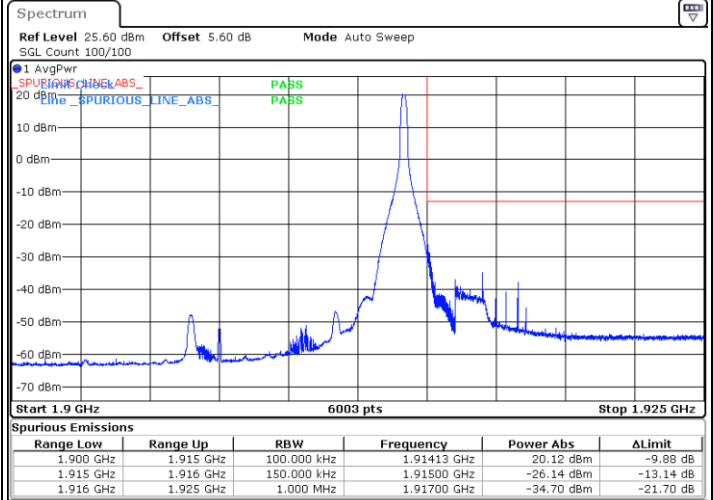


LTE Band 25 / 15MHz / 16QAM

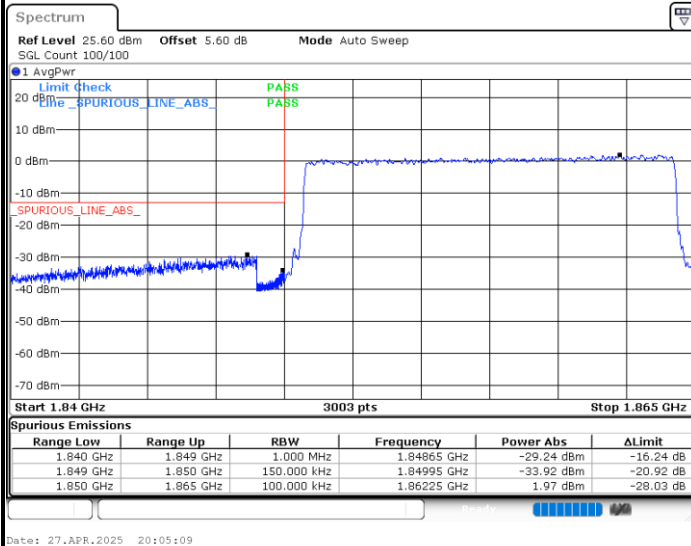
Lowest Band Edge / 1 RB



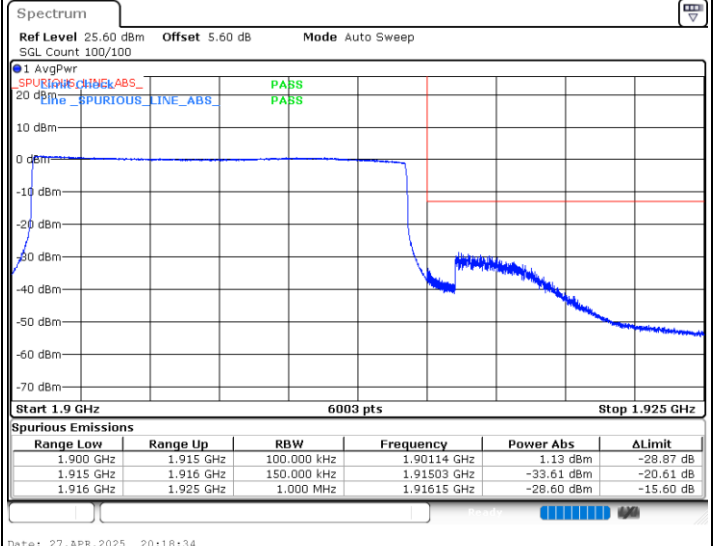
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



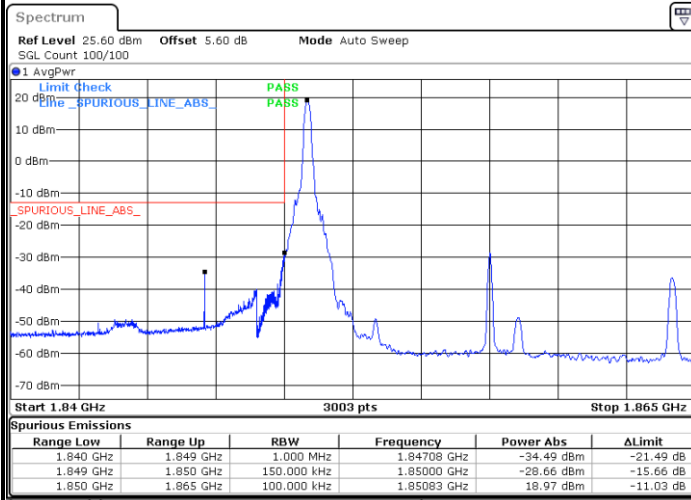
Highest Band Edge / Full RB



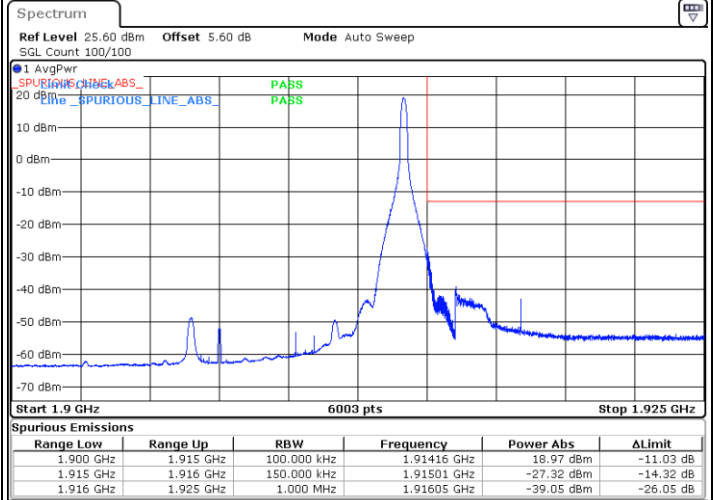


LTE Band 25 / 15MHz / 64QAM

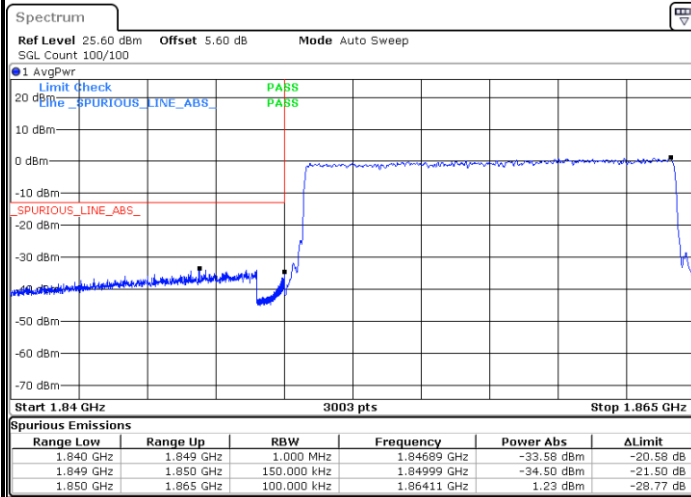
Lowest Band Edge / 1 RB



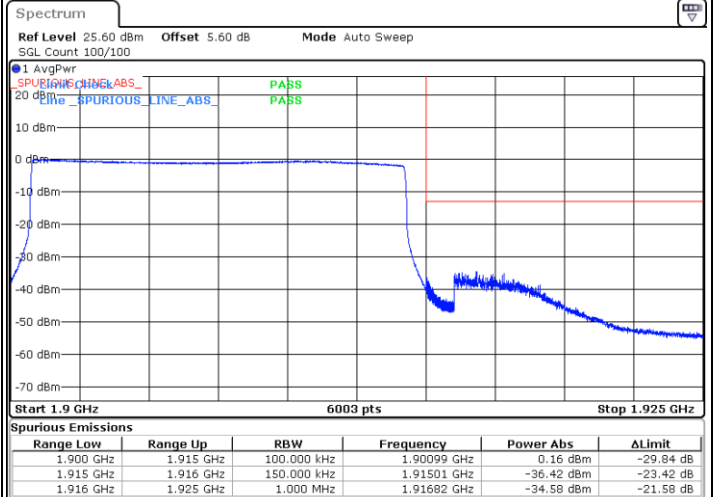
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



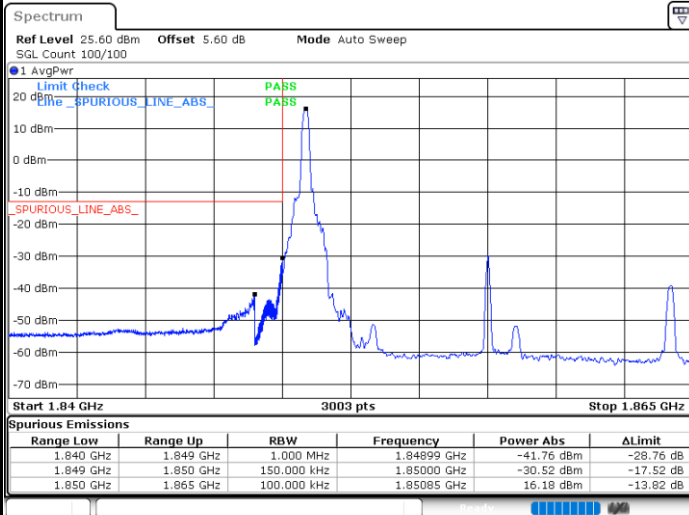
Highest Band Edge / Full RB



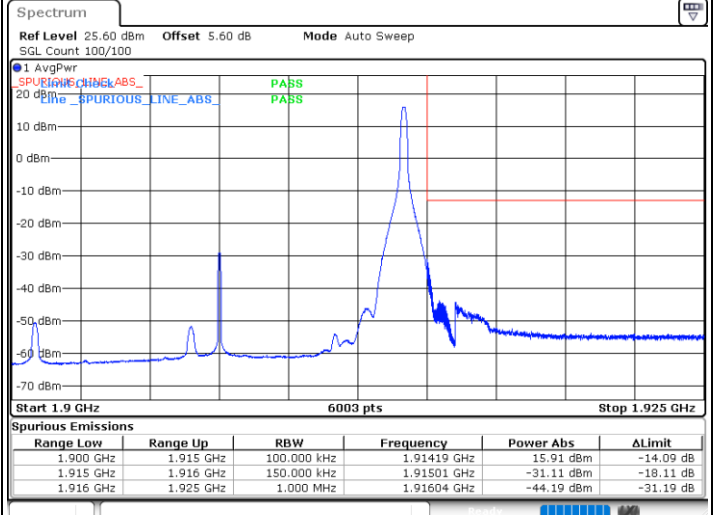


LTE Band 25 / 15MHz /256QAM

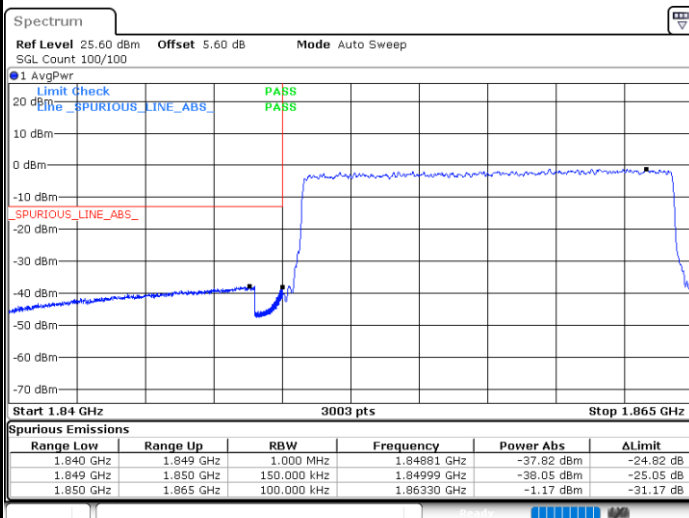
Lowest Band Edge / 1 RB



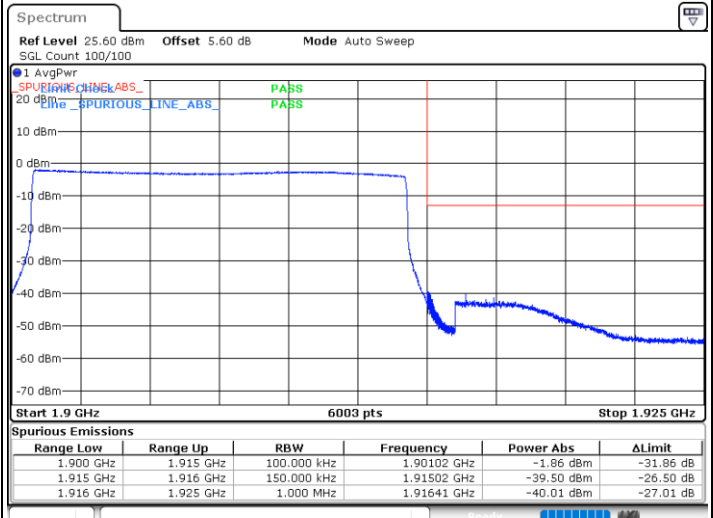
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



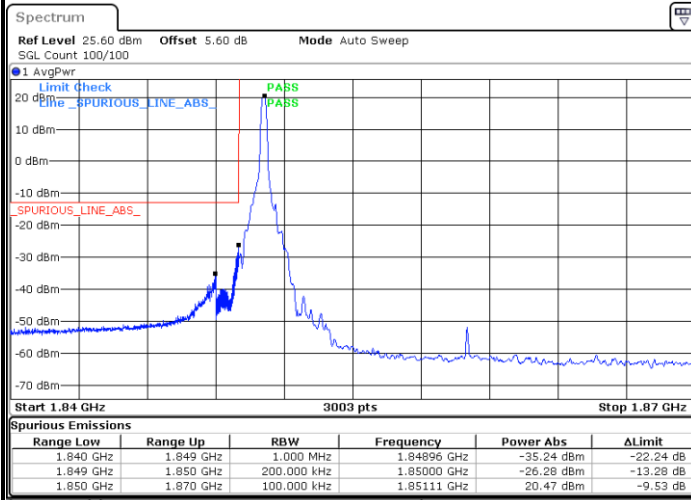
Highest Band Edge / Full RB



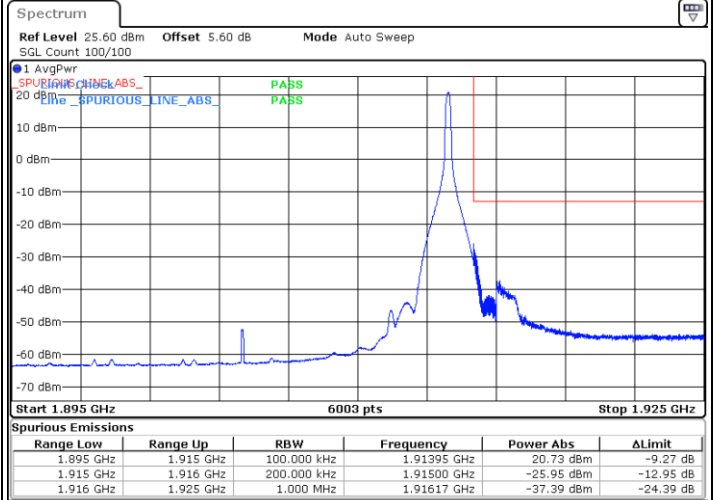


LTE Band 25 / 20MHz / QPSK

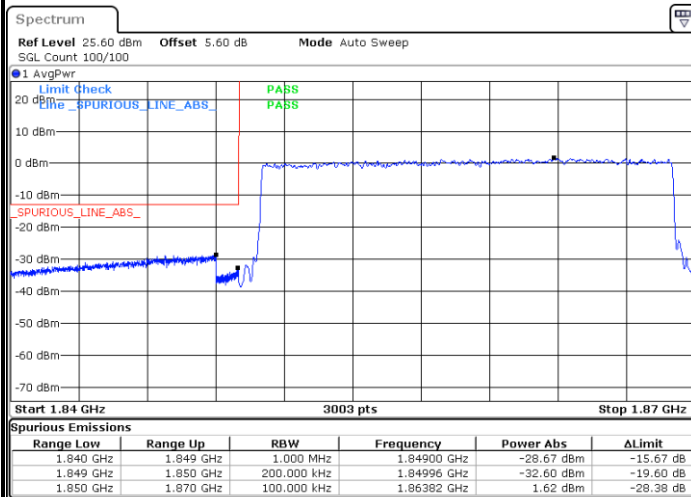
Lowest Band Edge / 1 RB



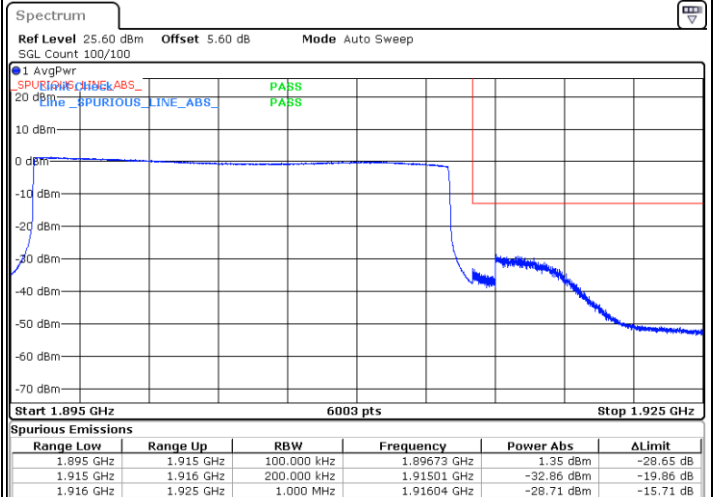
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



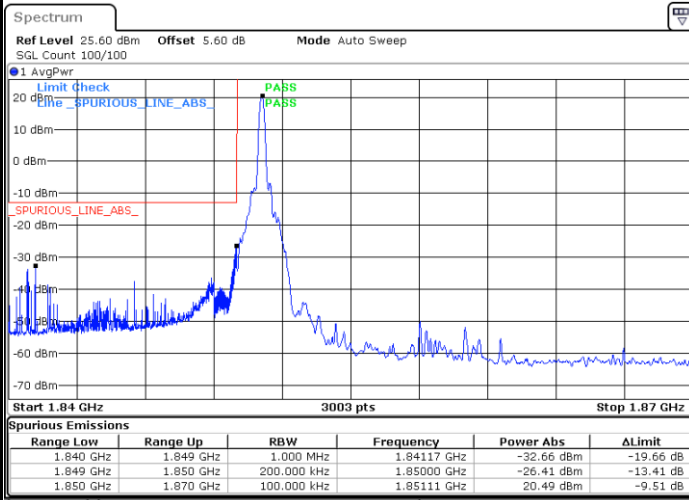
Highest Band Edge / Full RB



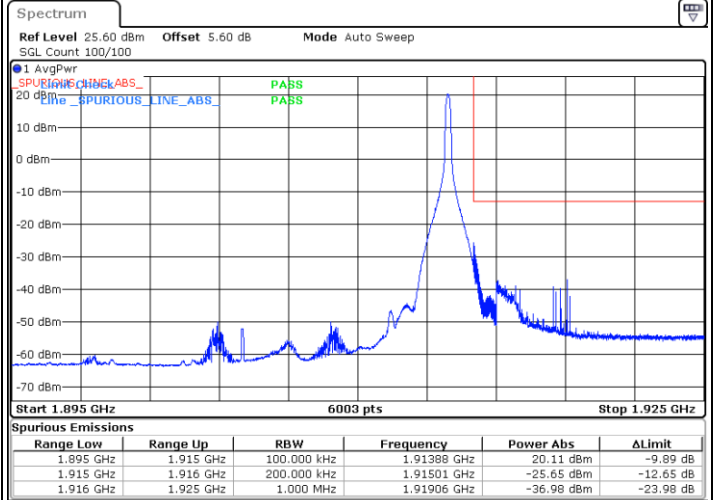


LTE Band 25 / 20MHz / 16QAM

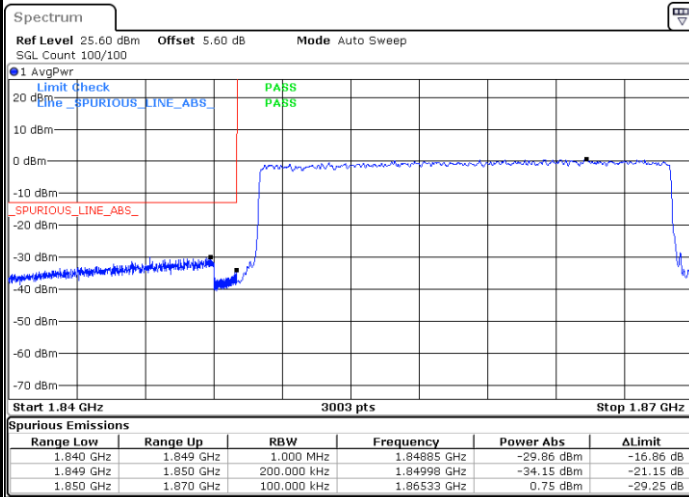
Lowest Band Edge / 1 RB



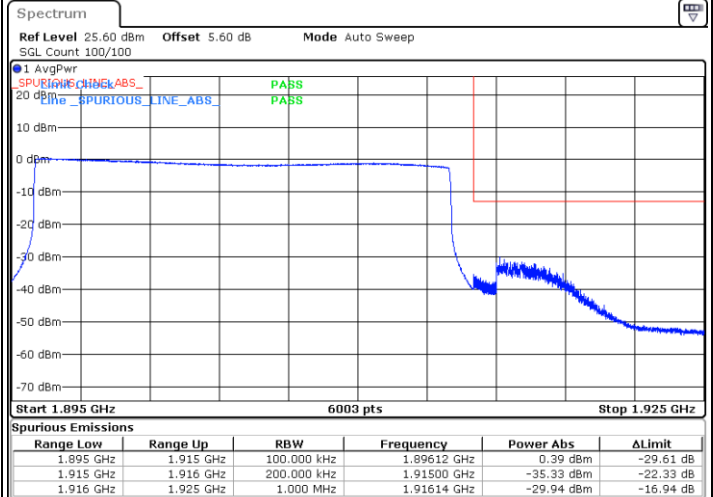
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



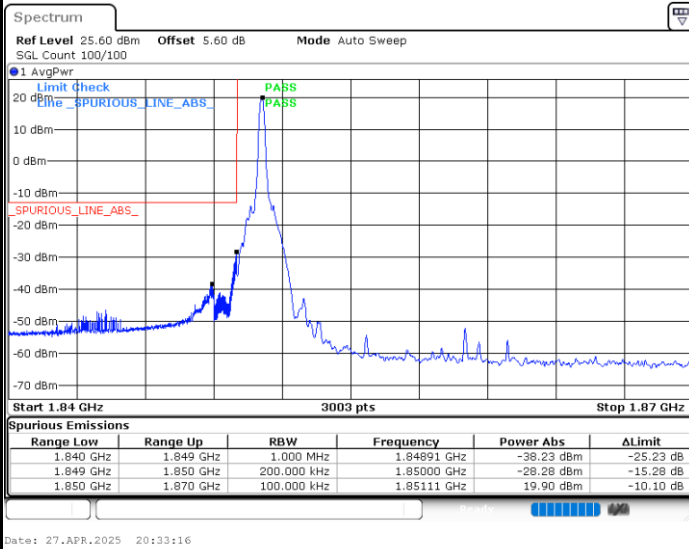
Highest Band Edge / Full RB



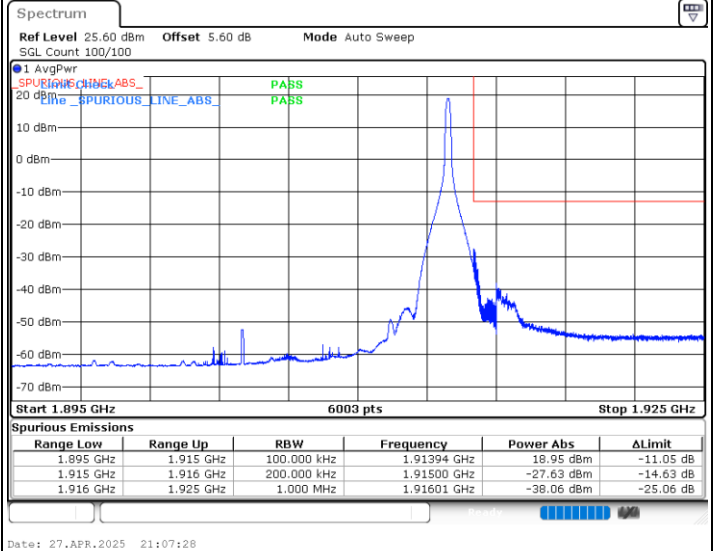


LTE Band 25 / 20MHz / 64QAM

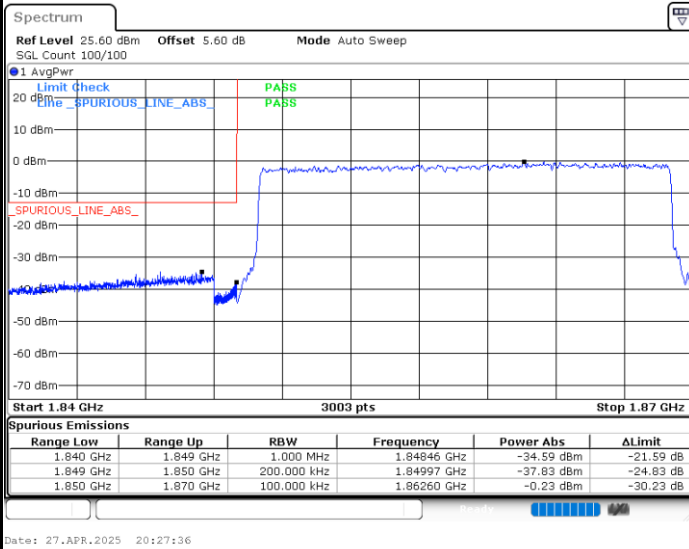
Lowest Band Edge / 1 RB



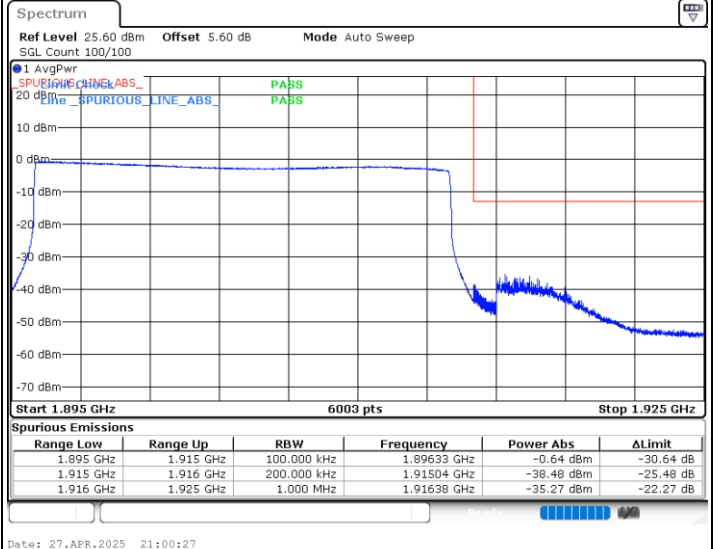
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



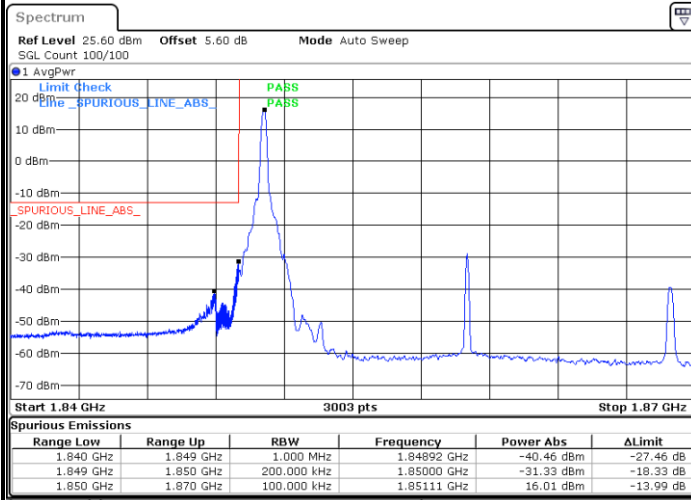
Highest Band Edge / Full RB



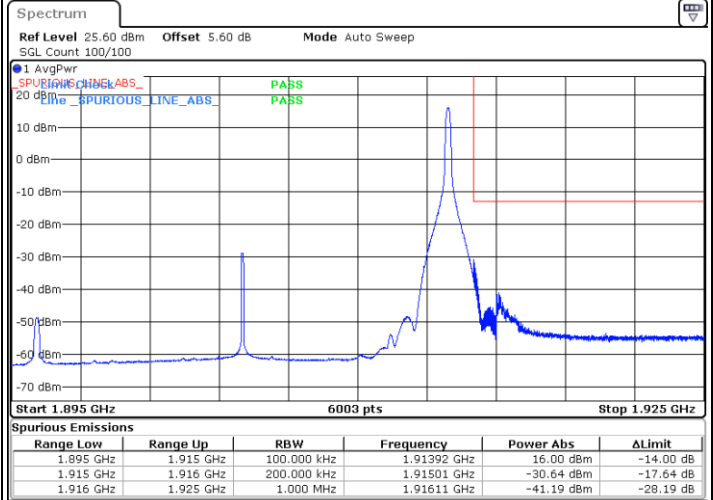


LTE Band 25 / 20MHz / 256QAM

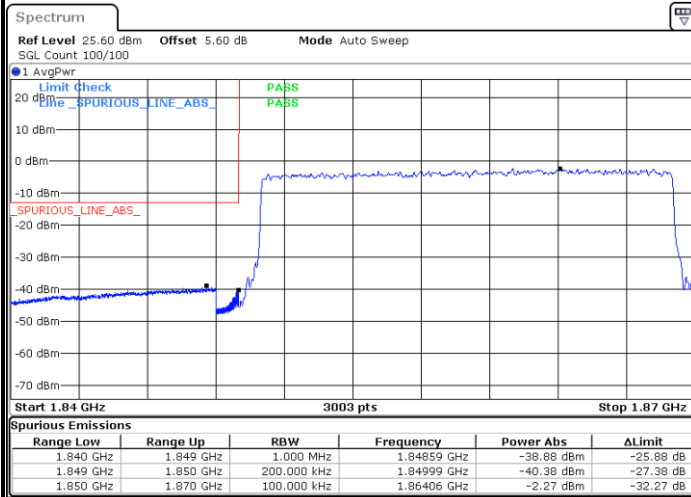
Lowest Band Edge / 1 RB



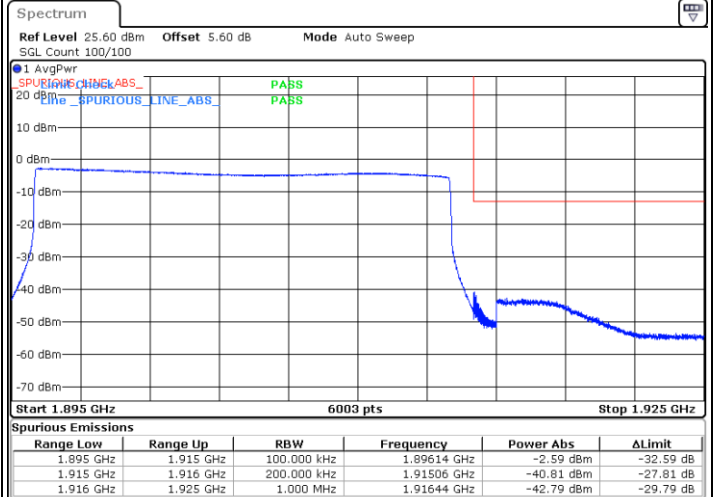
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

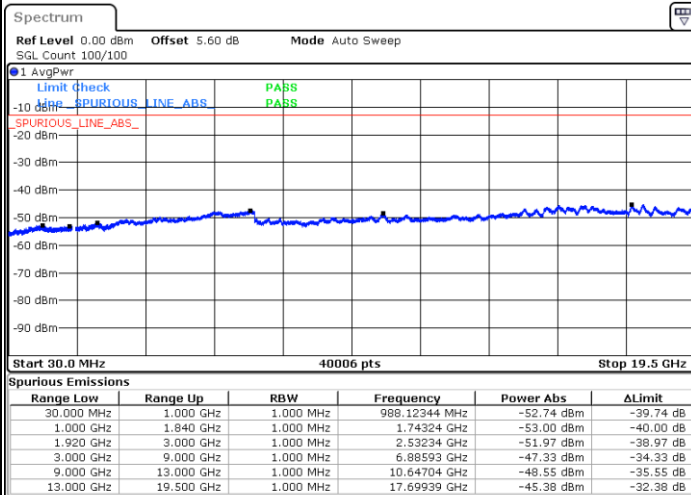




Conducted Spurious Emission

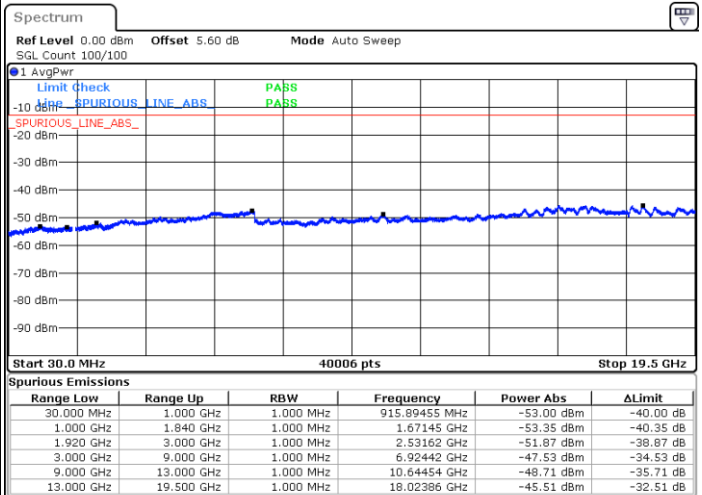
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



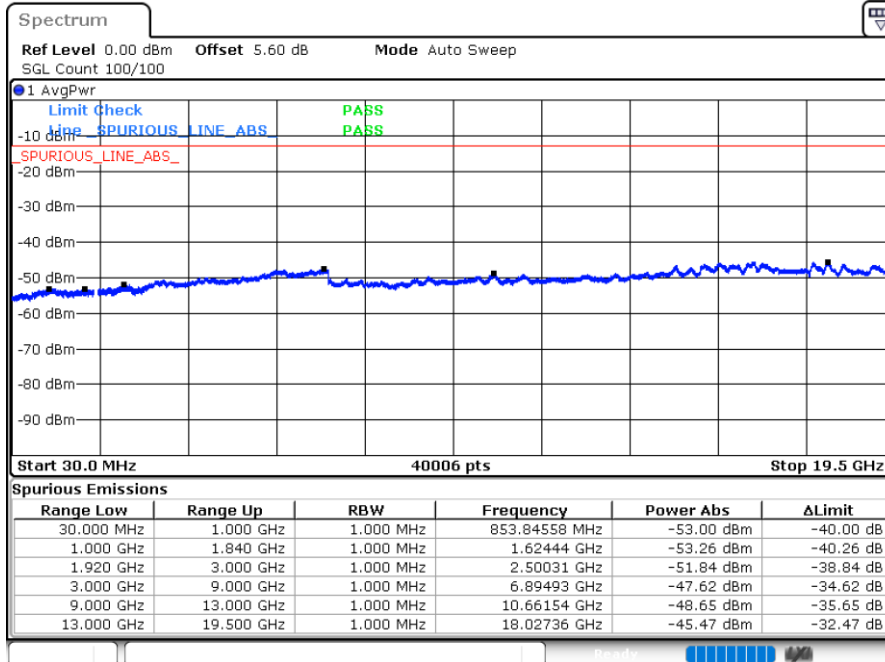
Date: 27.APR.2025 18:18:54

Middle Channel / QPSK



Date: 27.APR.2025 18:34:56

Highest Channel / QPSK

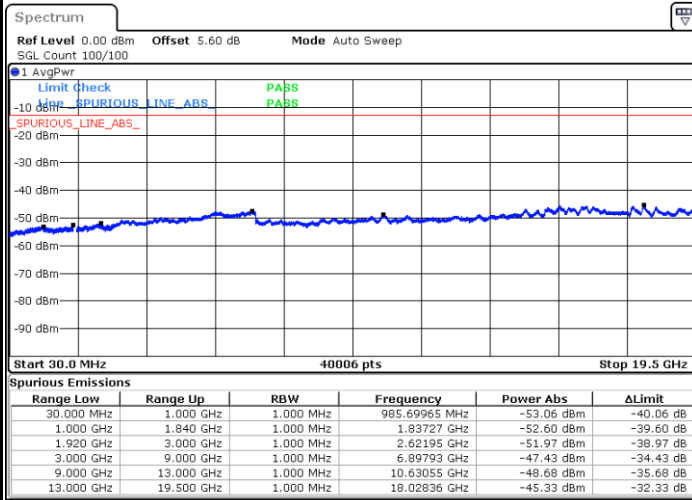


Date: 27.APR.2025 18:36:56



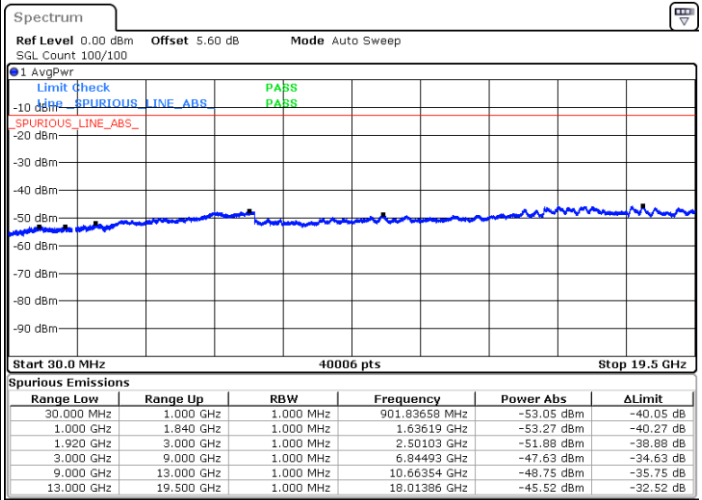
LTE Band 25 / 3MHz

Lowest Channel / QPSK



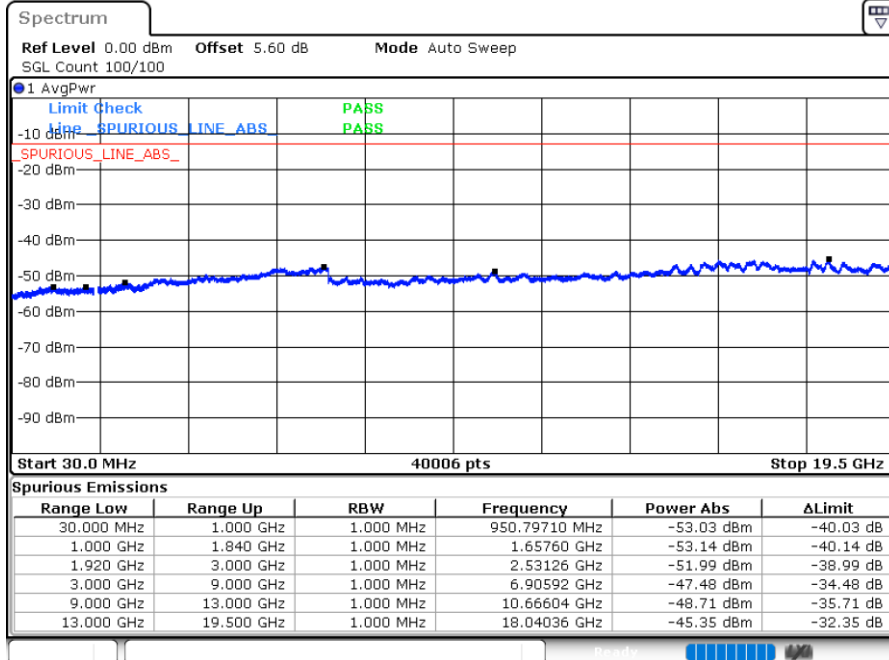
Date: 27.APR.2025 18:58:15

Middle Channel / QPSK



Date: 27.APR.2025 19:05:59

Highest Channel / QPSK

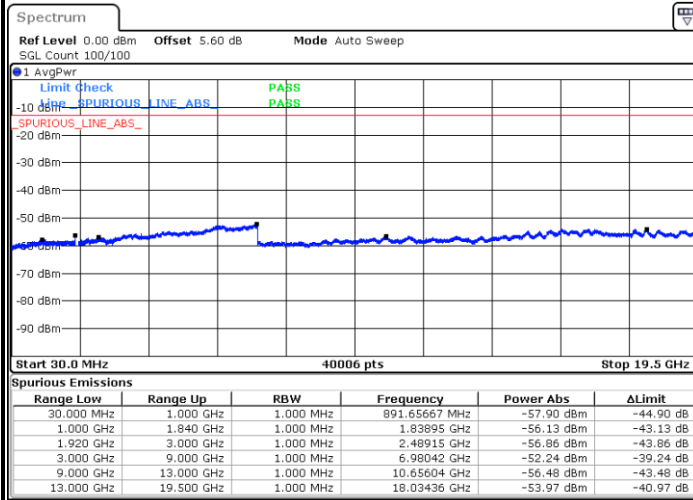


Date: 27.APR.2025 19:07:59



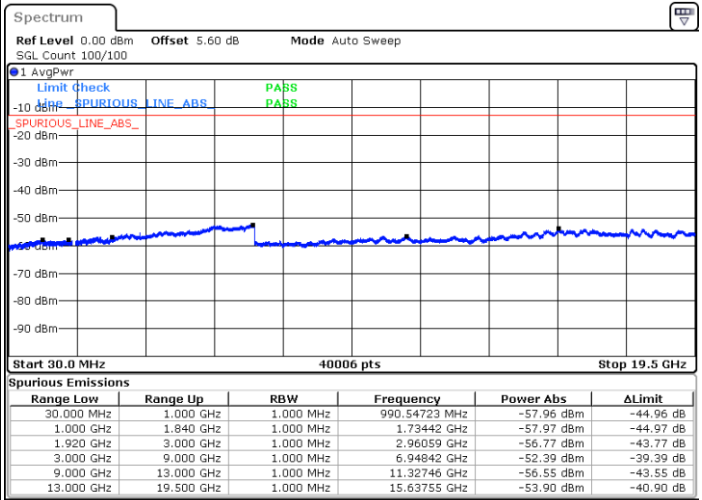
LTE Band 25 / 5MHz

Lowest Channel / QPSK



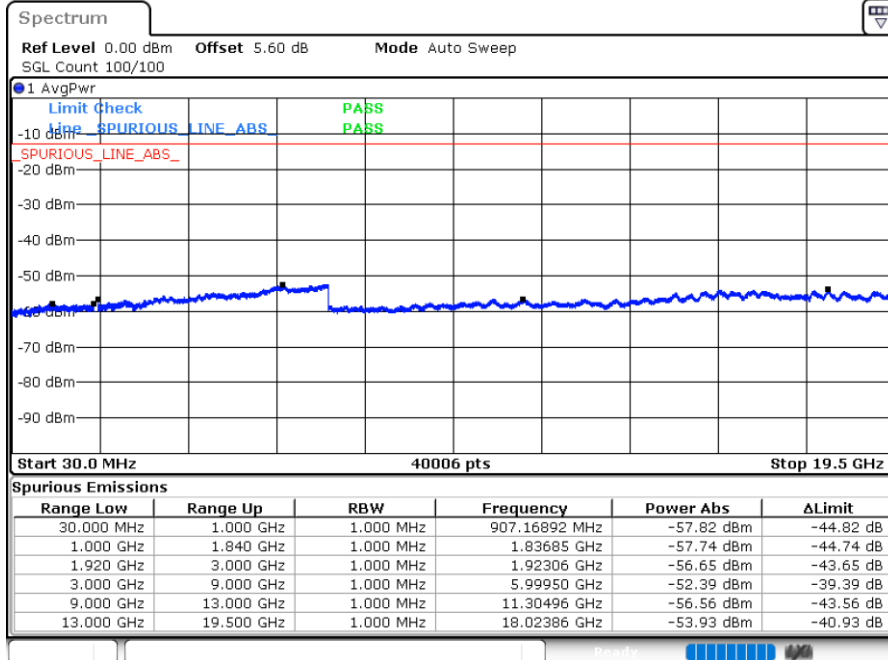
Date: 27.APR.2025 19:25:55

Middle Channel / QPSK



Date: 27.APR.2025 19:31:39

Highest Channel / QPSK

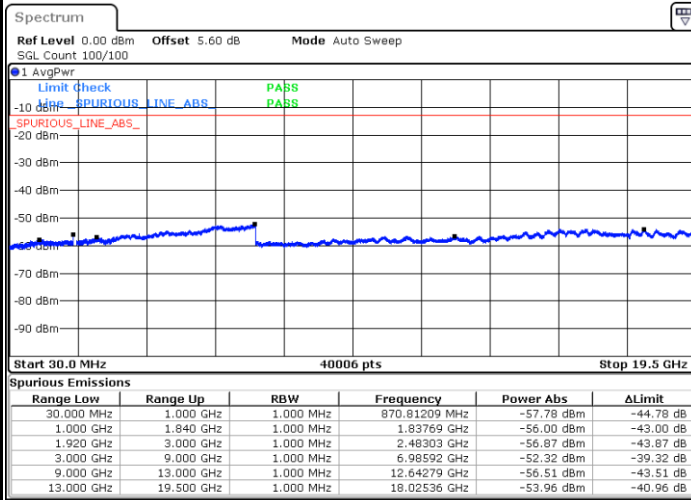


Date: 27.APR.2025 19:33:39



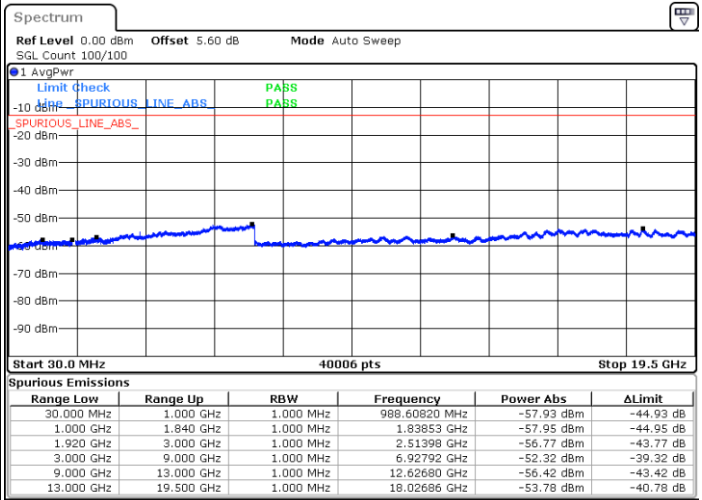
LTE Band 25 / 10MHz

Lowest Channel / QPSK



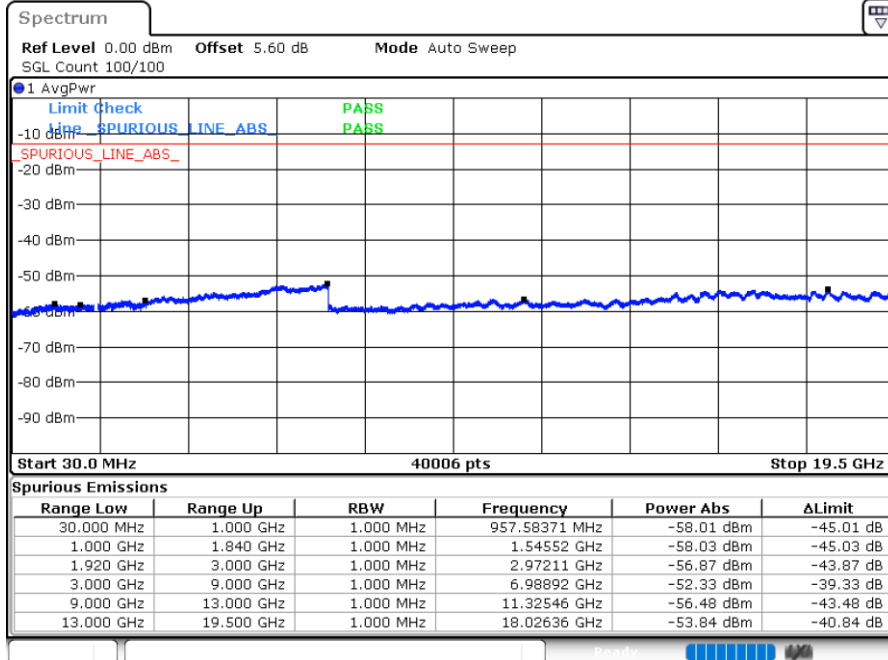
Date: 27.APR.2025 19:48:26

Middle Channel / QPSK



Date: 27.APR.2025 19:53:12

Highest Channel / QPSK

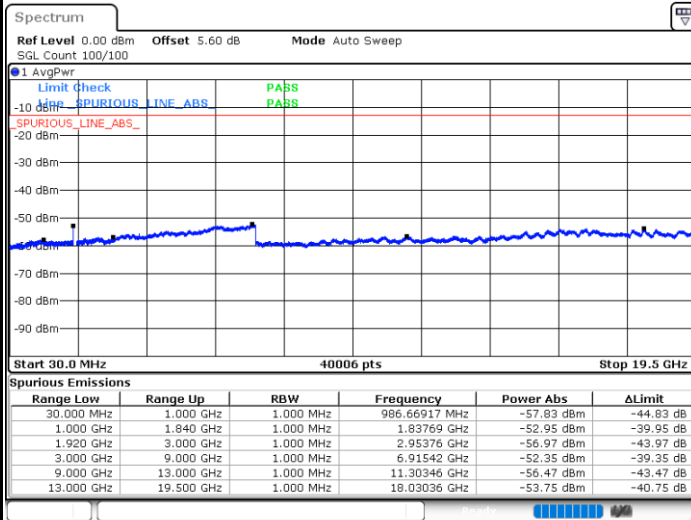


Date: 27.APR.2025 19:55:12



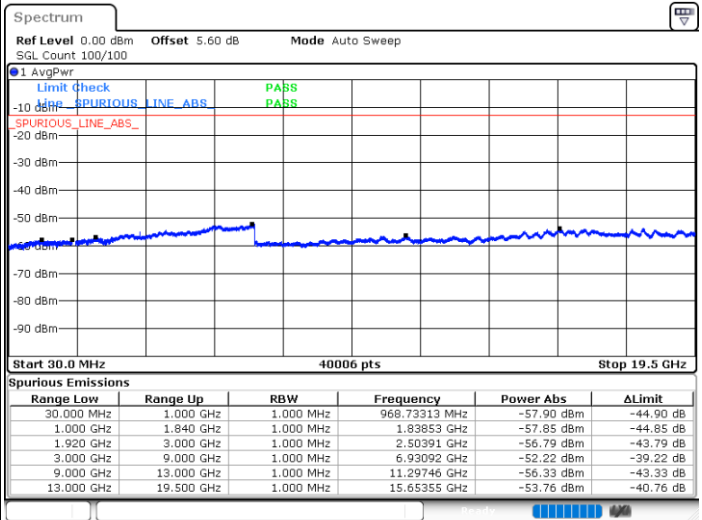
LTE Band 25 / 15MHz

Lowest Channel / QPSK



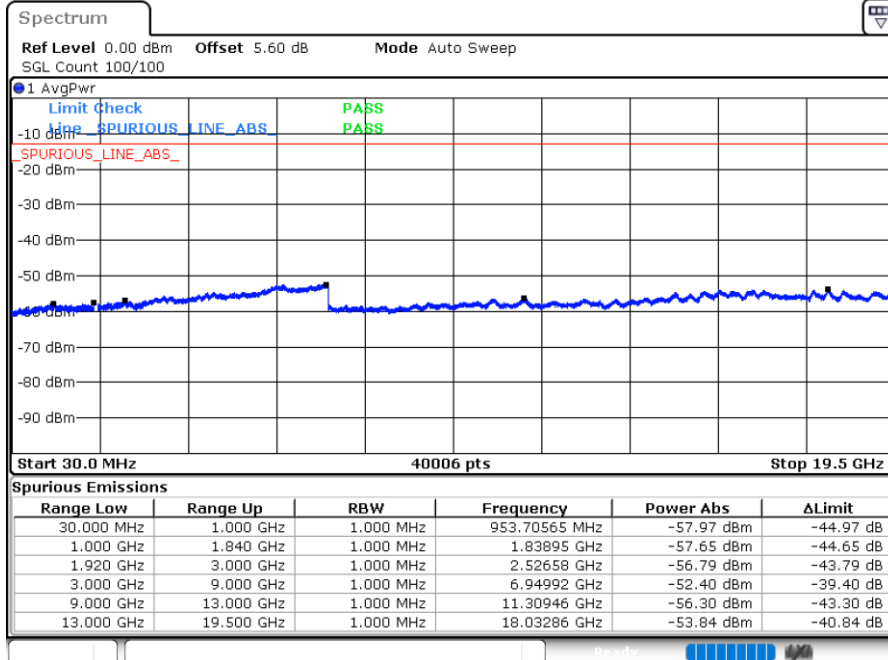
Date: 27.APR.2025 20:09:00

Middle Channel / QPSK



Date: 27.APR.2025 20:14:43

Highest Channel / QPSK

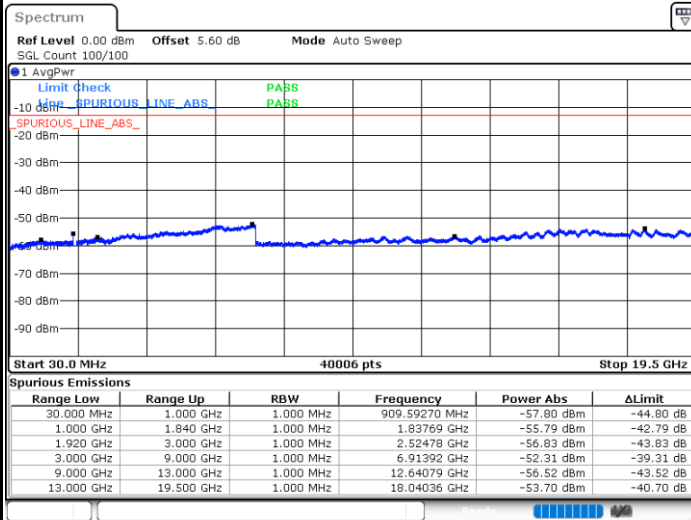


Date: 27.APR.2025 20:16:43



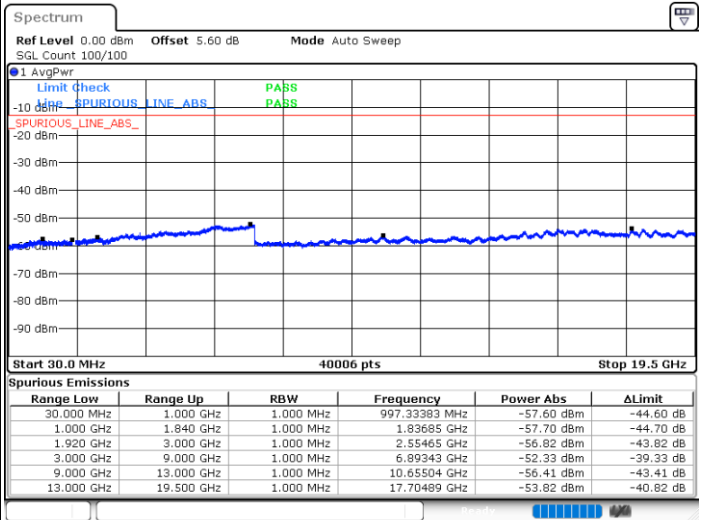
LTE Band 25 / 20MHz

Lowest Channel / QPSK



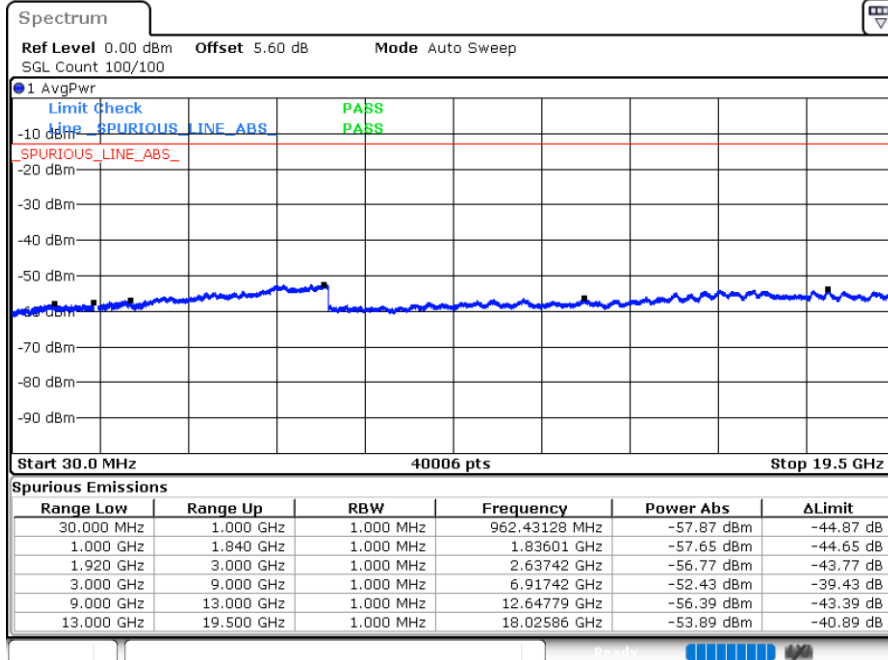
Date: 27.APR.2025 20:30:31

Middle Channel / QPSK



Date: 27.APR.2025 20:36:15

Highest Channel / QPSK



Date: 27.APR.2025 20:39:40

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0075	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0076	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0043	

Note:

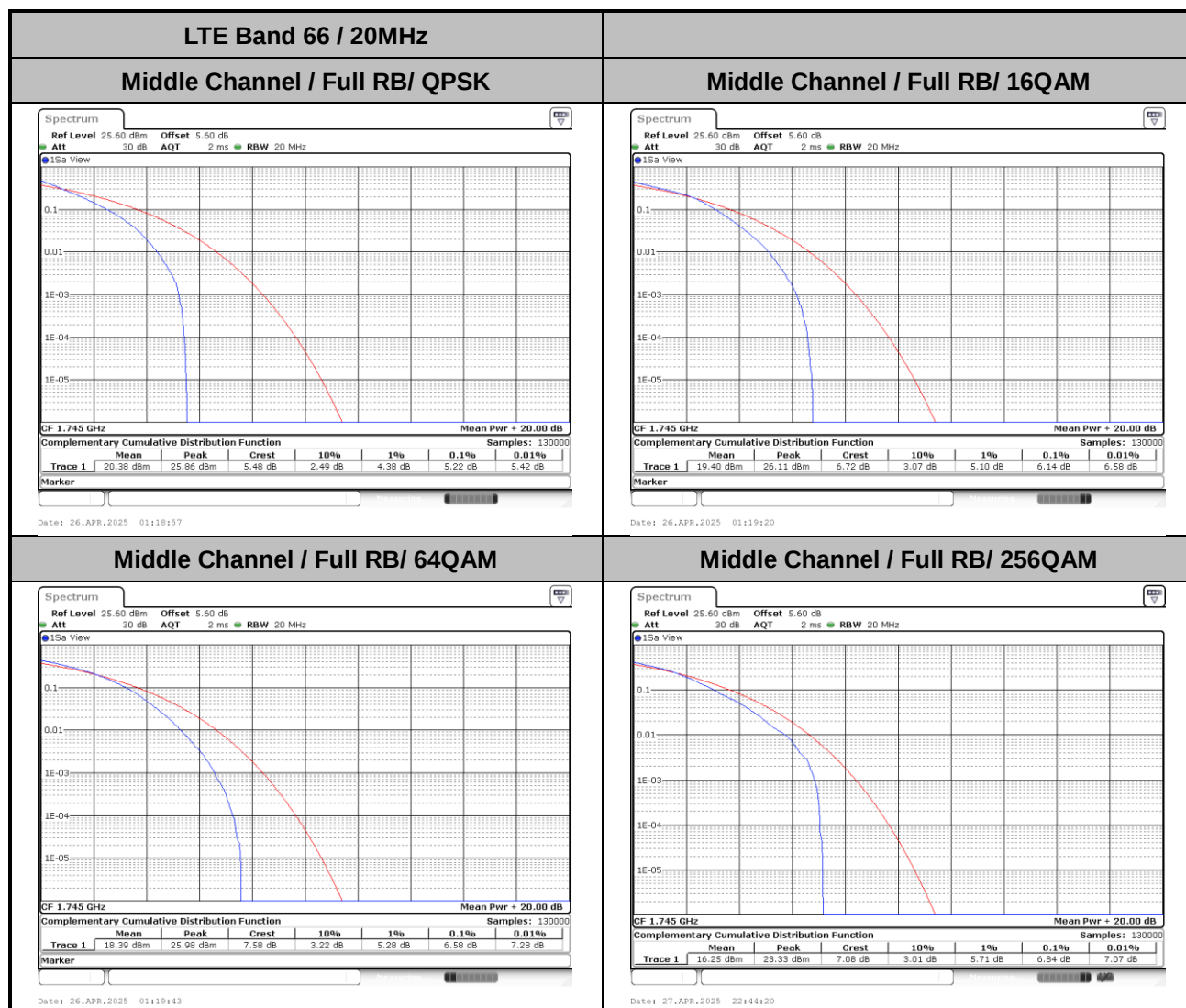
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.14	6.58	6.84	PASS



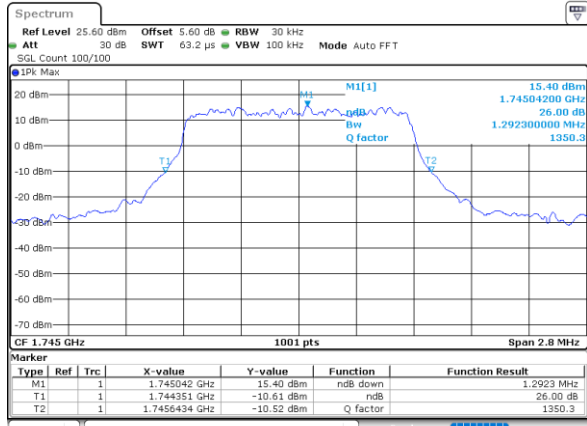
**26dB Bandwidth**

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.29	1.28
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.06	3.06
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.05	5.09
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.19	9.75
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.42	14.75
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.38	18.70

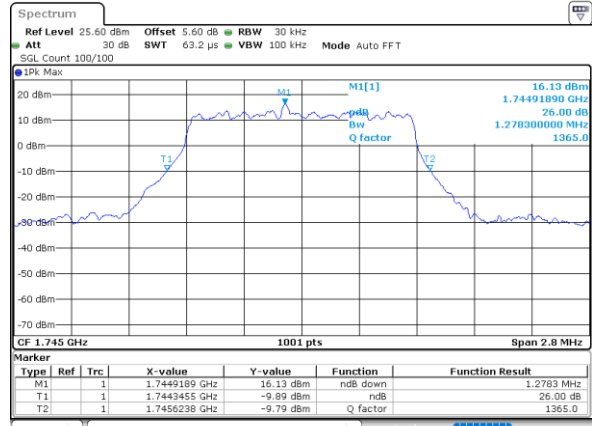


LTE Band 66

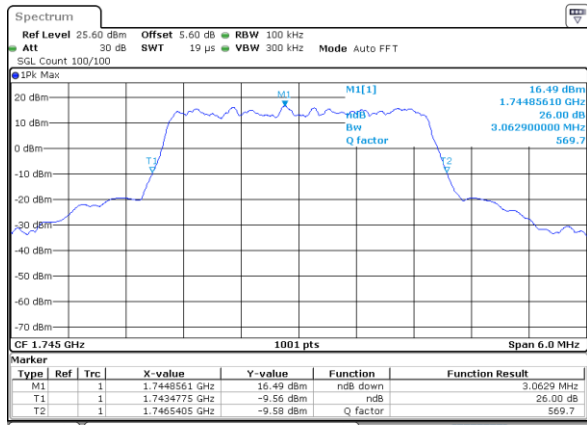
Middle Channel / 1.4MHz / QPSK



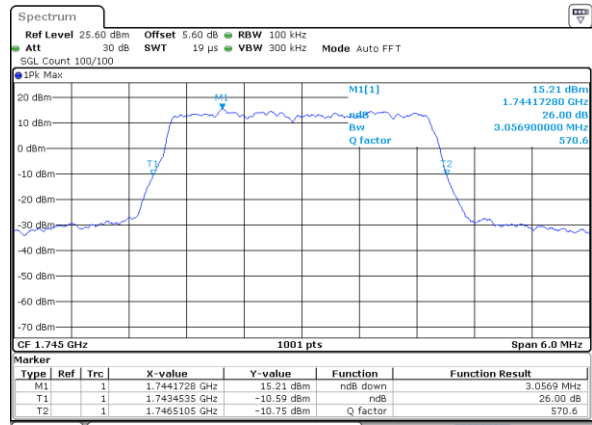
Middle Channel / 1.4MHz / 16QAM



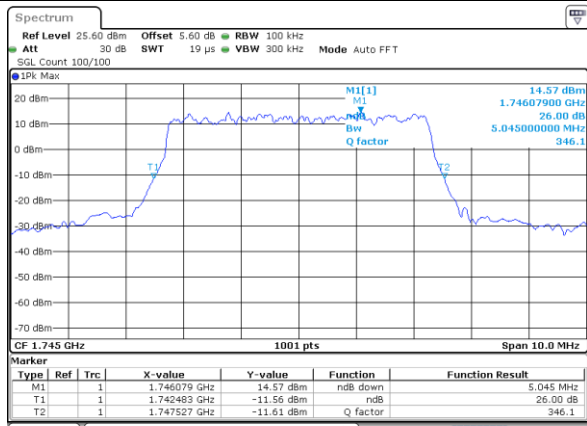
Middle Channel / 3MHz / QPSK



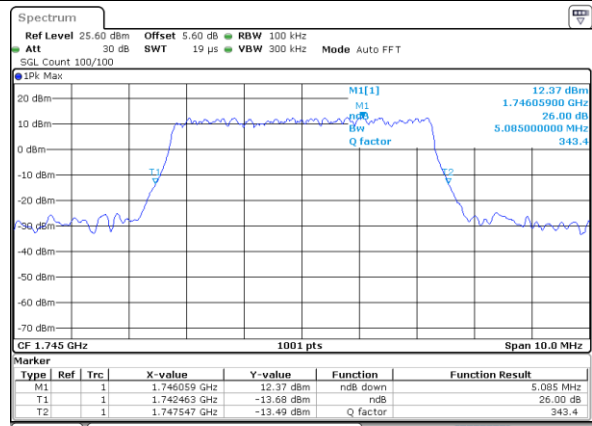
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

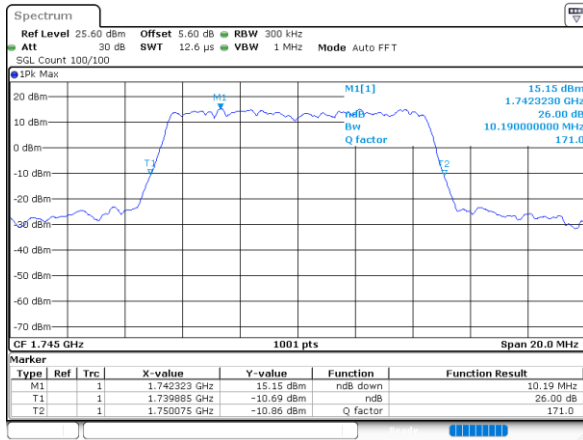


Middle Channel / 5MHz / 16QAM

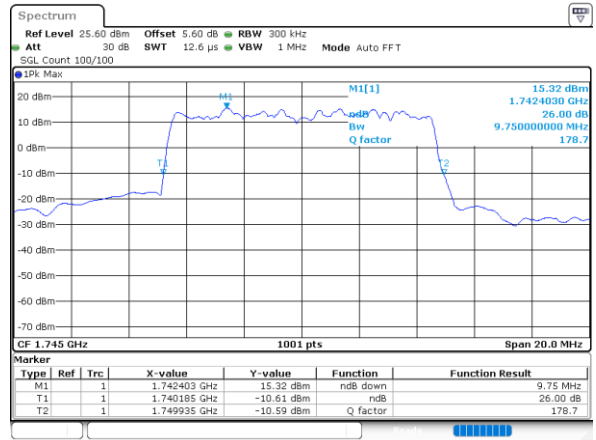


LTE Band 66

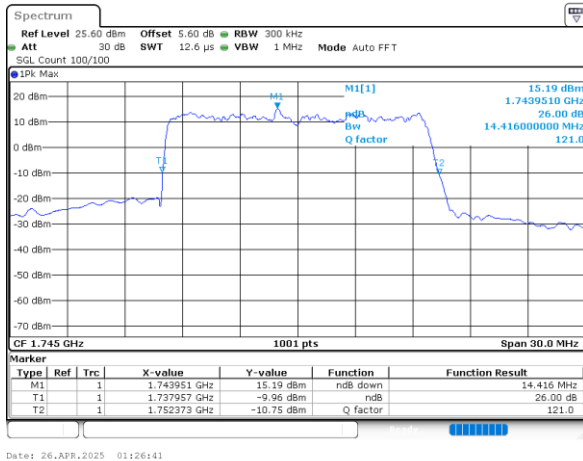
Middle Channel / 10MHz / QPSK



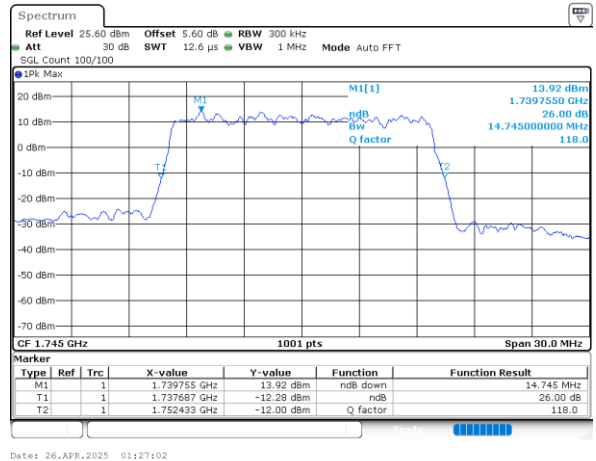
Middle Channel / 10MHz / 16QAM



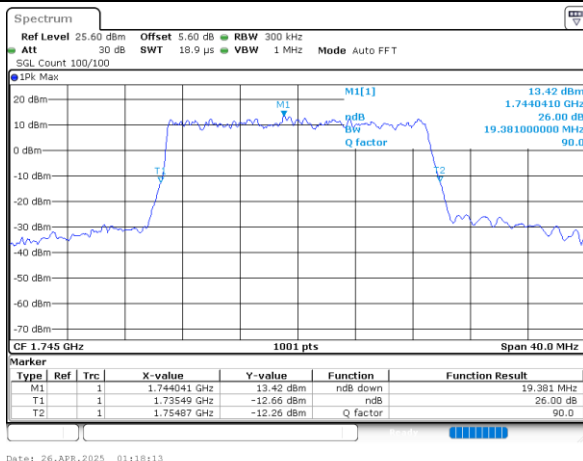
Middle Channel / 15MHz / QPSK



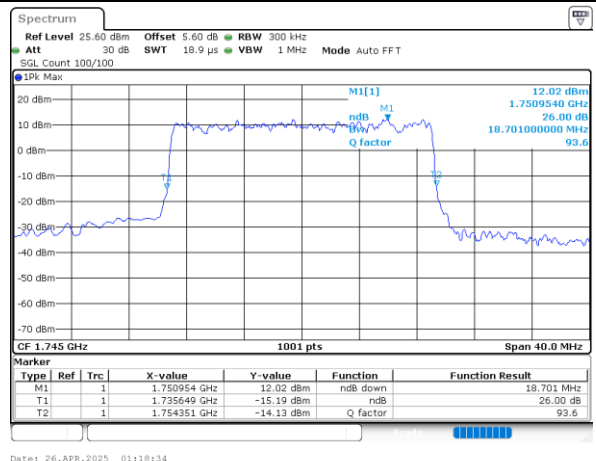
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



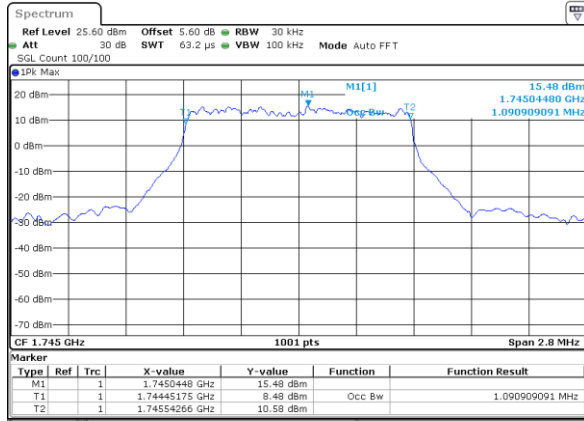
**Occupied Bandwidth**

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.75	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.47	4.51
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.52	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94

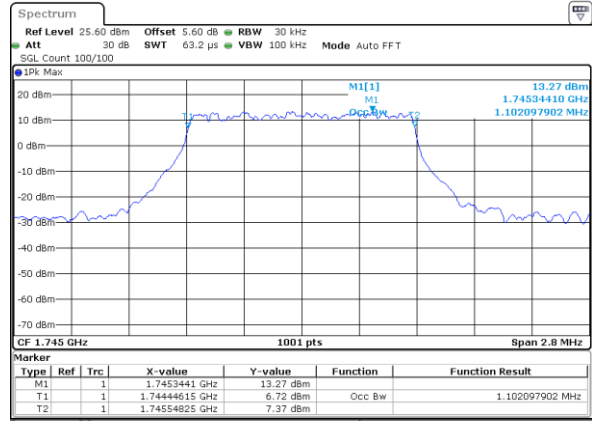


LTE Band 66

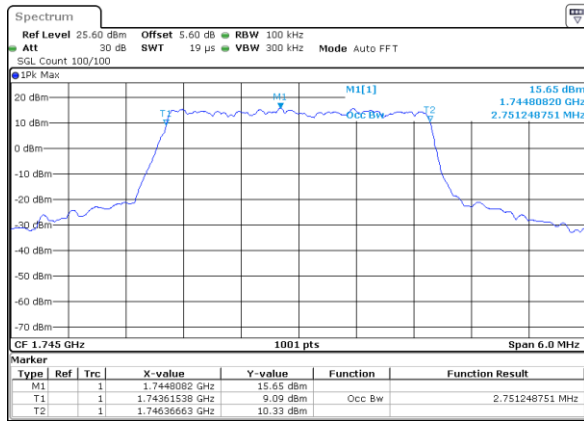
Middle Channel / 1.4MHz / QPSK



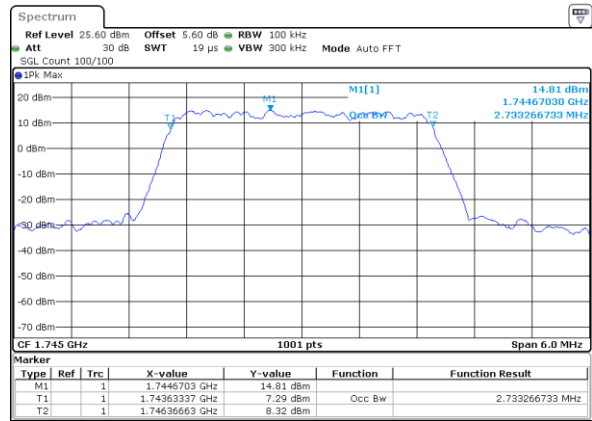
Middle Channel / 1.4MHz / 16QAM



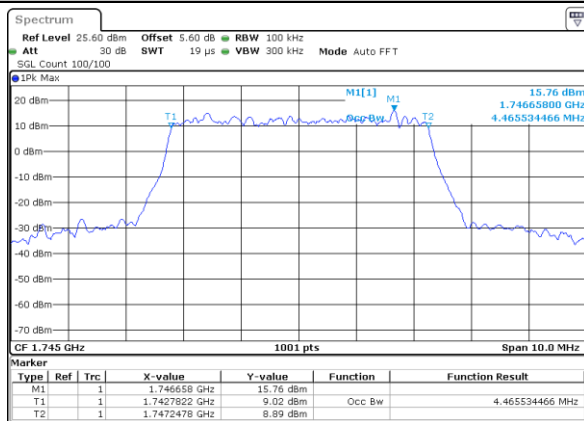
Middle Channel / 3MHz / QPSK



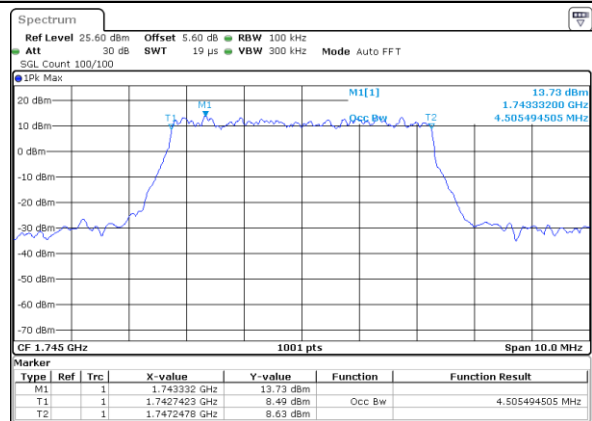
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



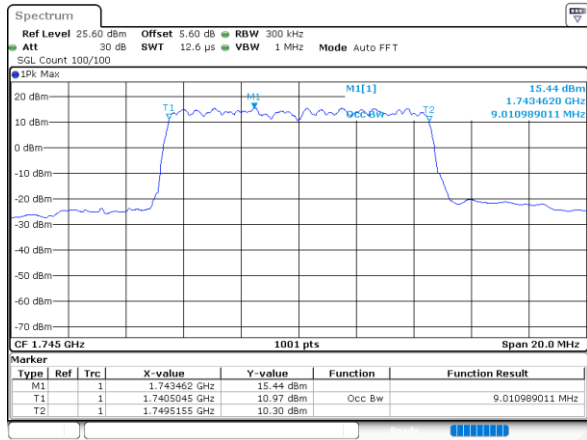
Middle Channel / 5MHz / 16QAM



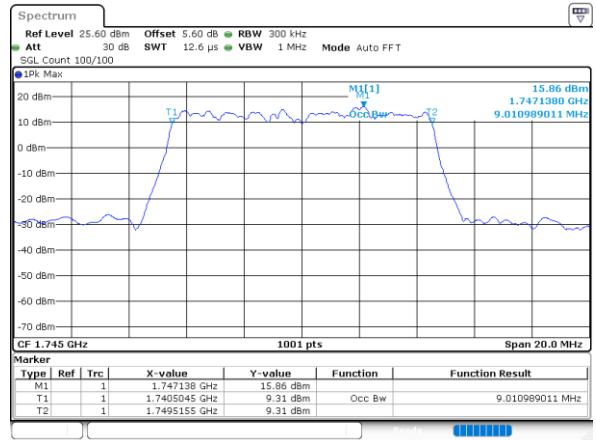


LTE Band 66

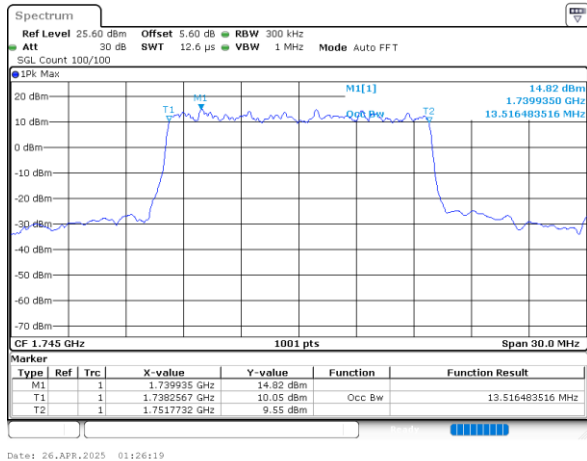
Middle Channel / 10MHz / QPSK



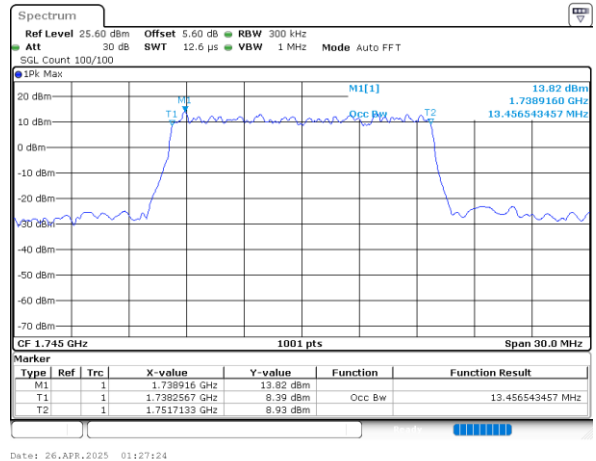
Middle Channel / 10MHz / 16QAM



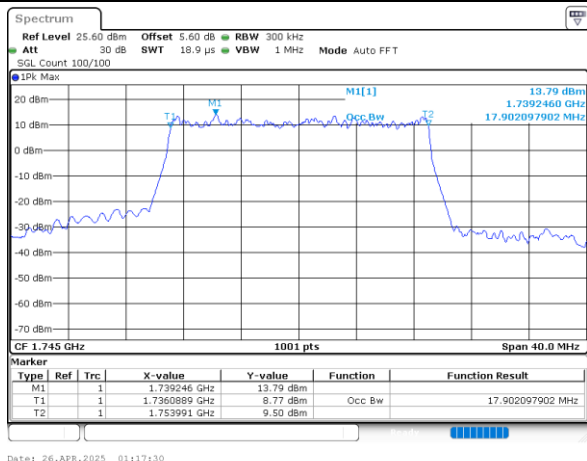
Middle Channel / 15MHz / QPSK



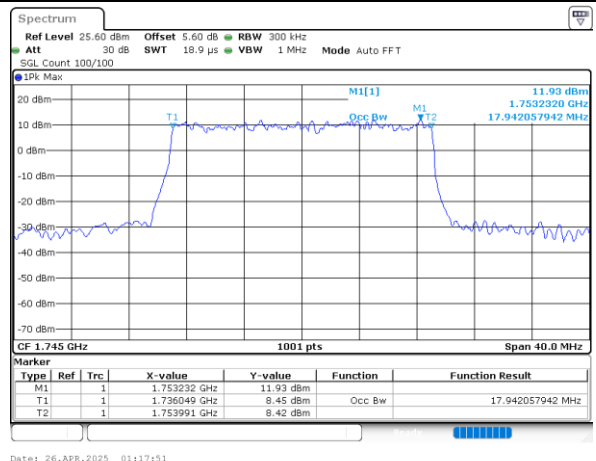
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

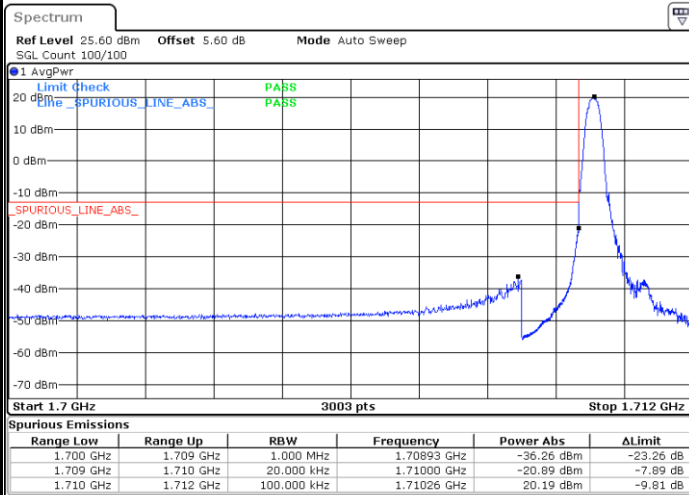




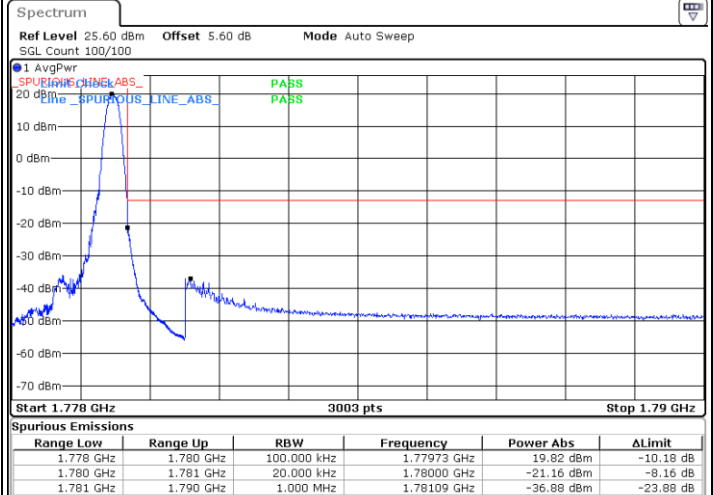
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

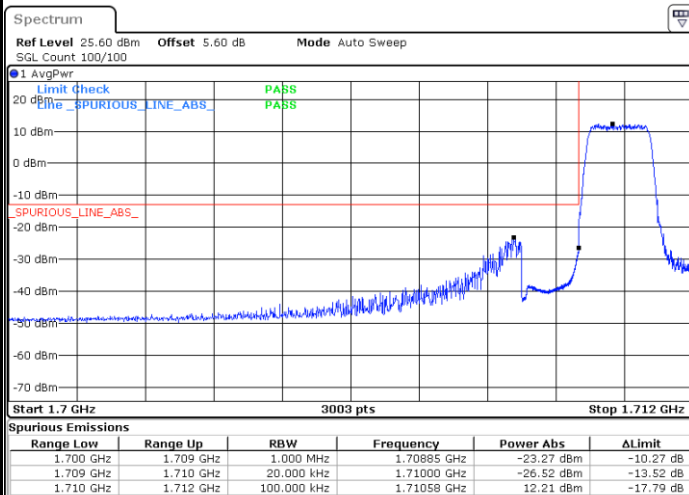
Lowest Band Edge / 1RB



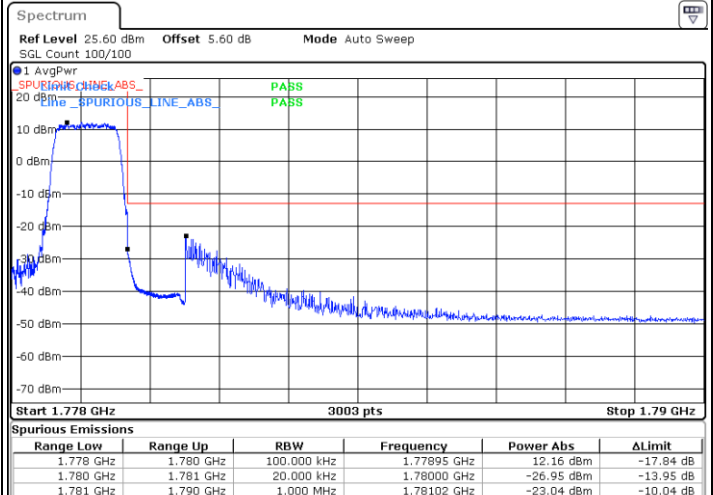
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



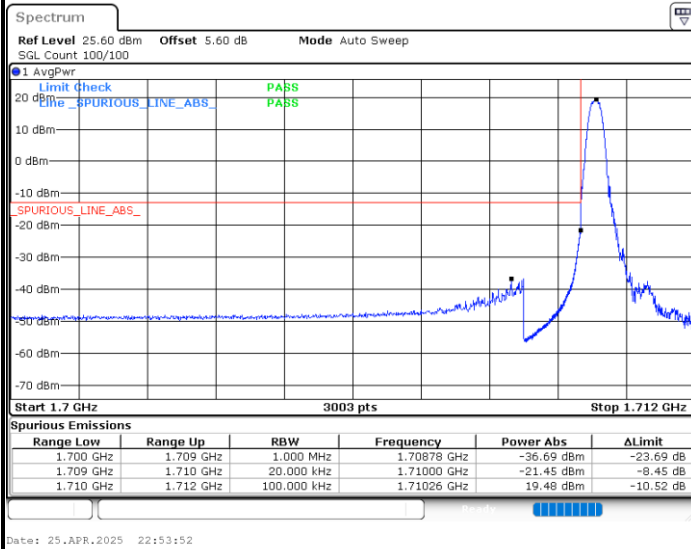
Highest Band Edge / Full RB



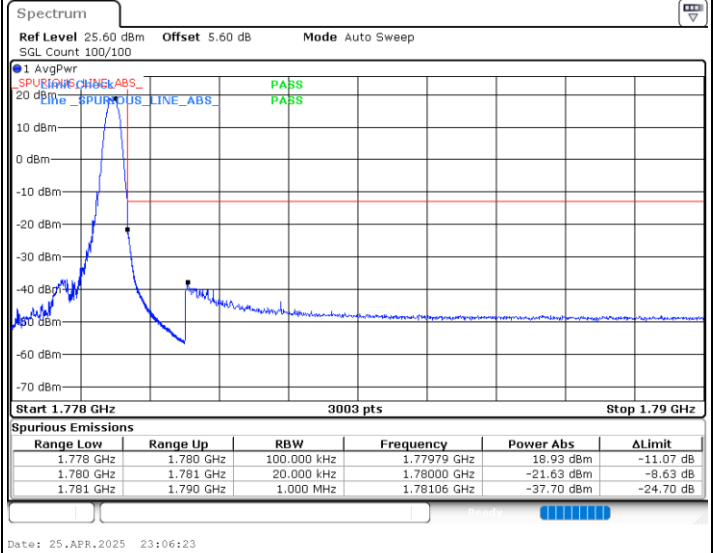


LTE Band 66 / 1.4MHz / 16QAM

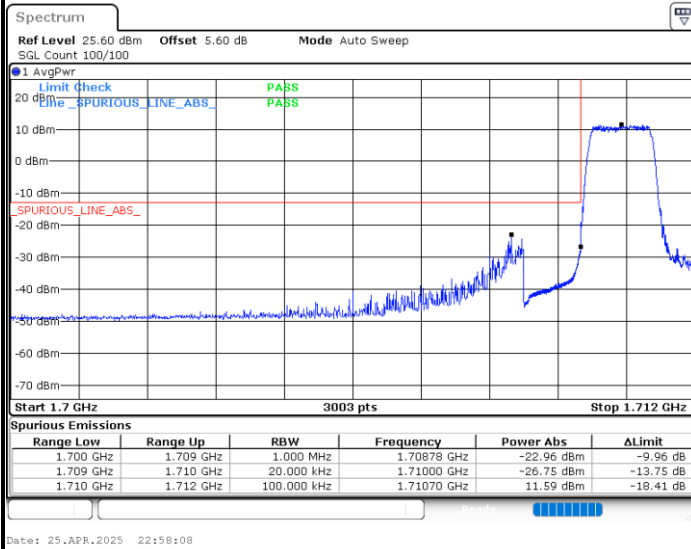
Lowest Band Edge / 1 RB



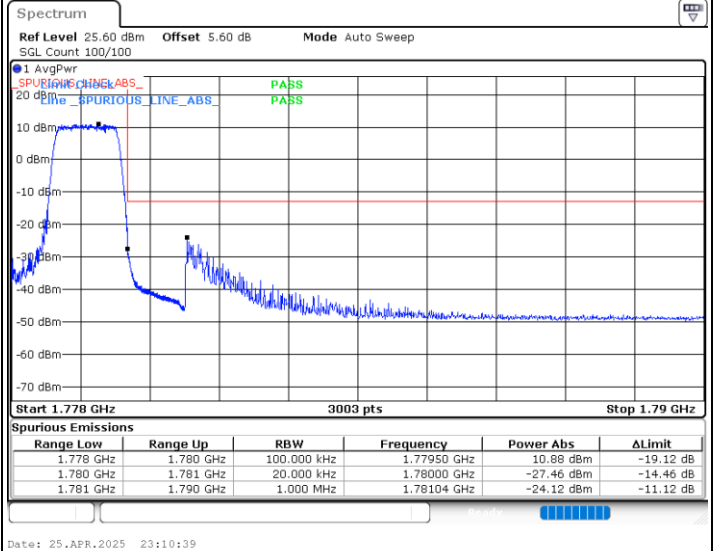
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



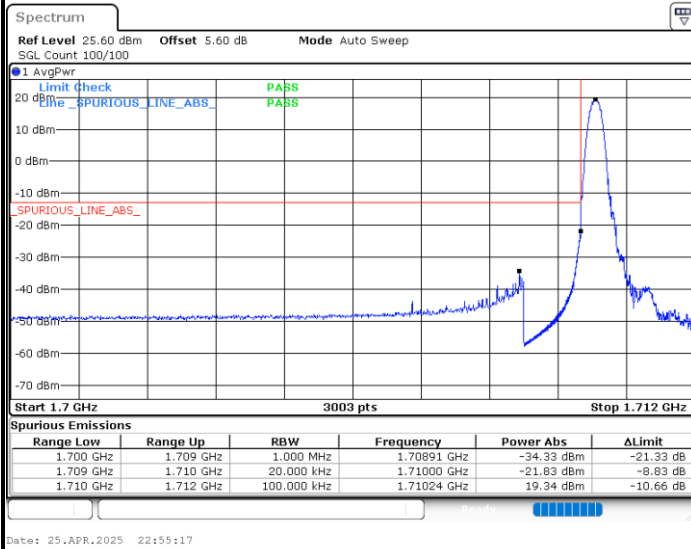
Highest Band Edge / Full RB



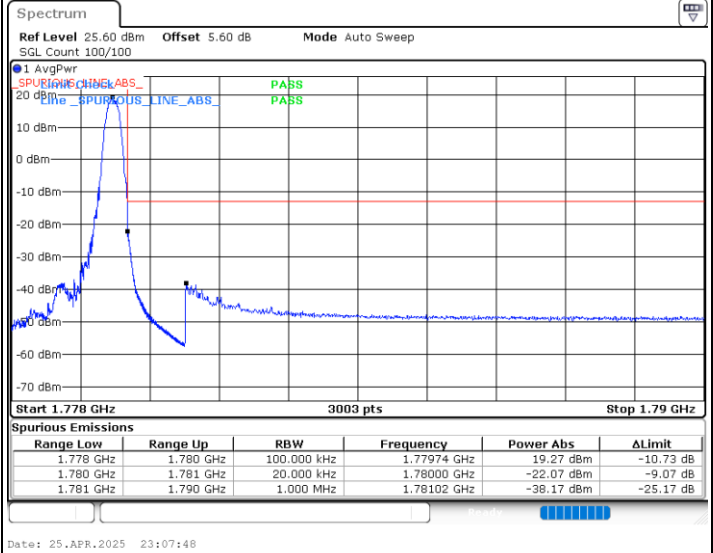


LTE Band 66 / 1.4MHz / 64QAM

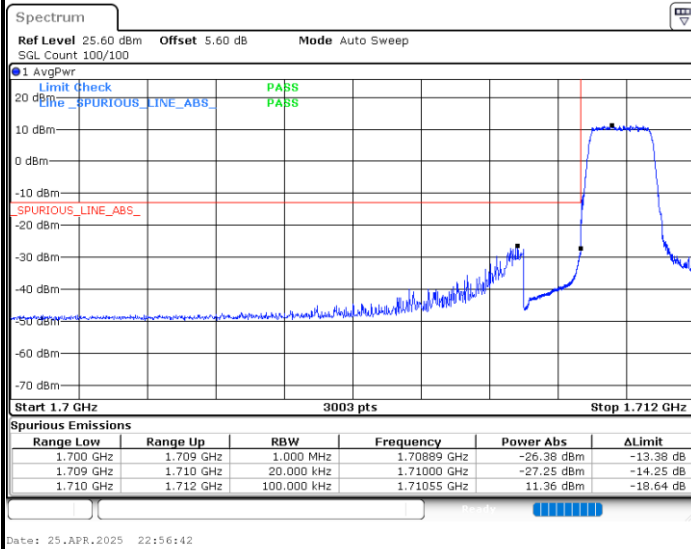
Lowest Band Edge / 1 RB



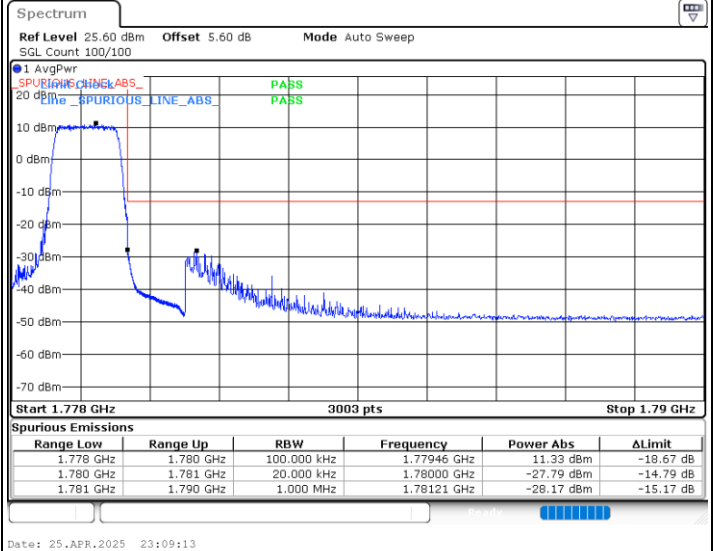
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



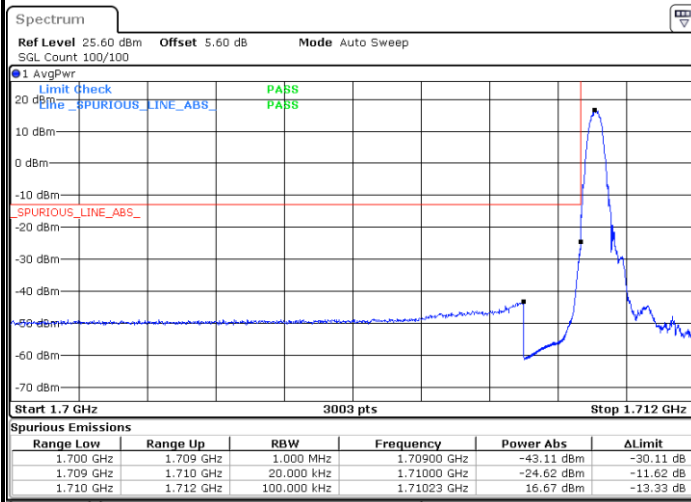
Highest Band Edge / Full RB



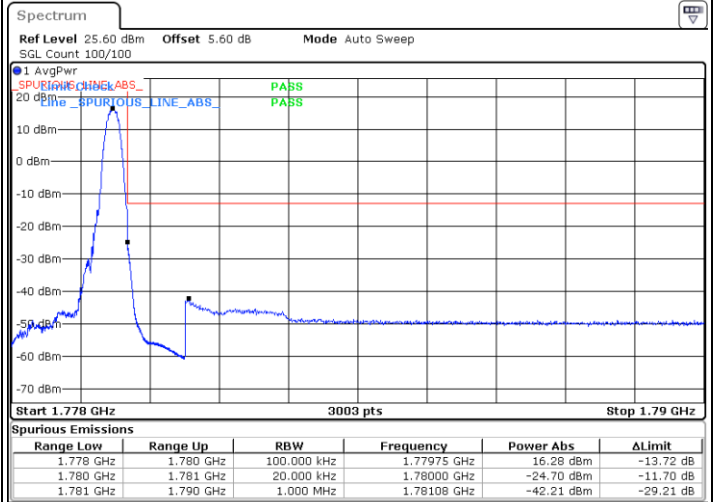


LTE Band 66 / 1.4MHz / 256QAM

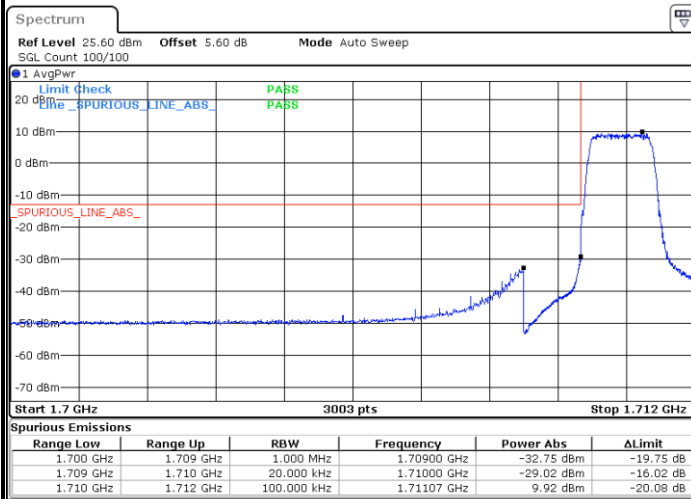
Lowest Band Edge / 1 RB



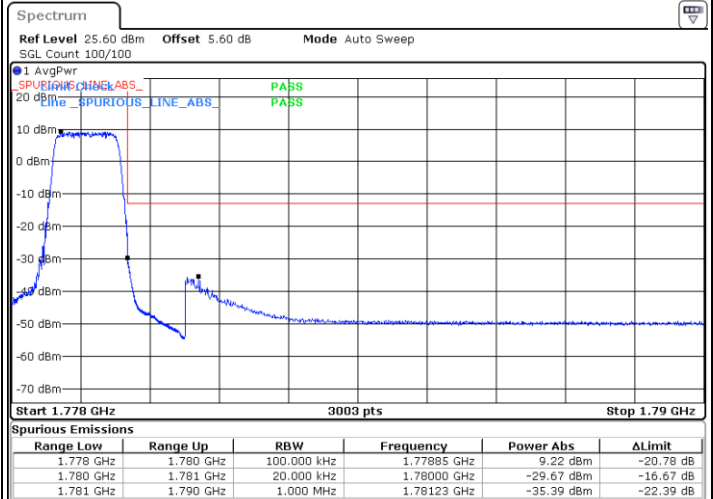
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



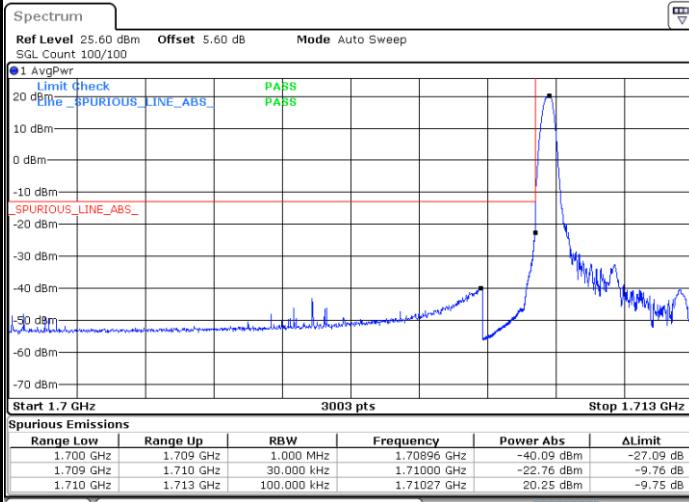
Highest Band Edge / Full RB





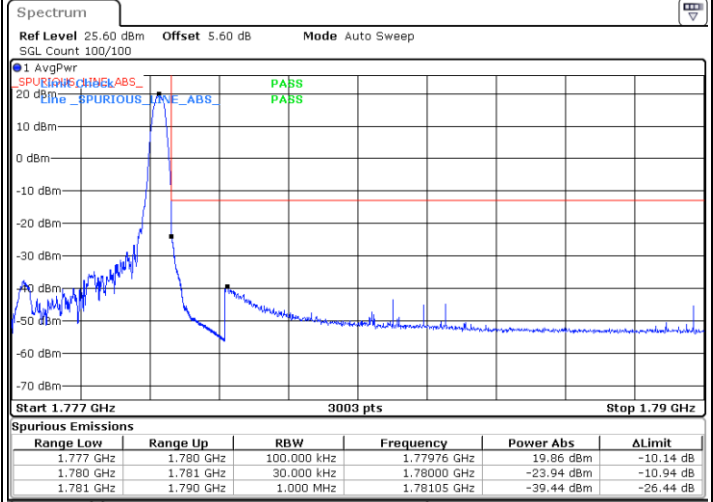
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



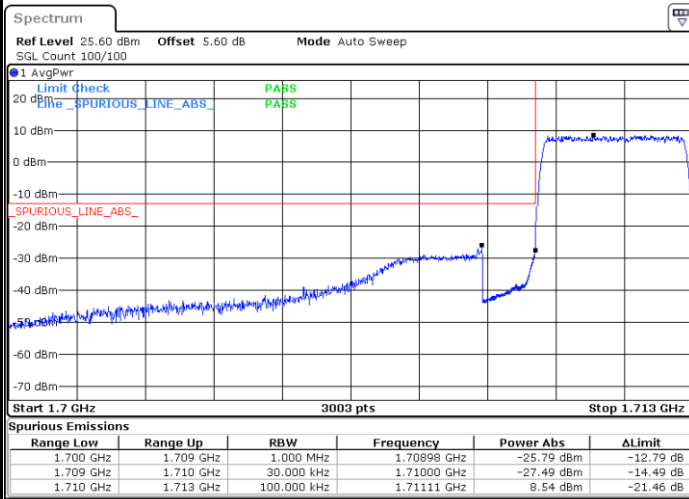
Date: 25.APR.2025 23:15:30

Highest Band Edge / 1 RB



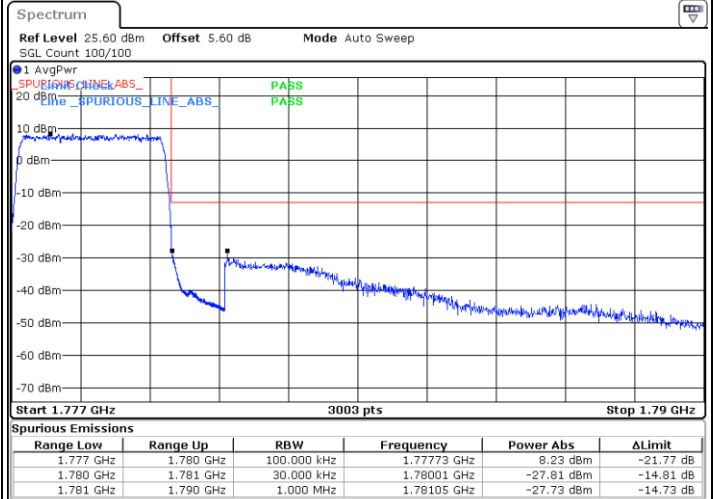
Date: 25.APR.2025 23:28:03

Lowest Band Edge / Full RB



Date: 25.APR.2025 23:22:37

Highest Band Edge / Full RB

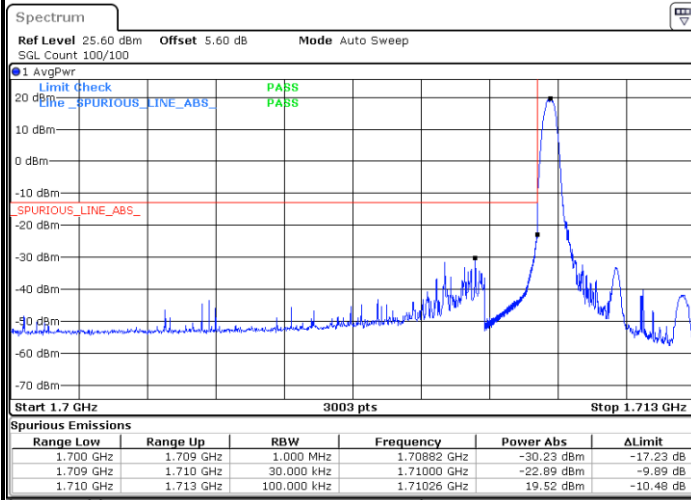


Date: 25.APR.2025 23:35:10

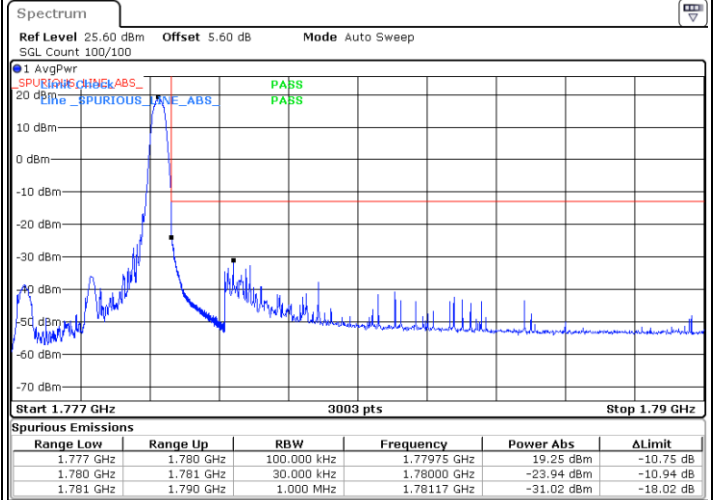


LTE Band 66 / 3MHz / 16QAM

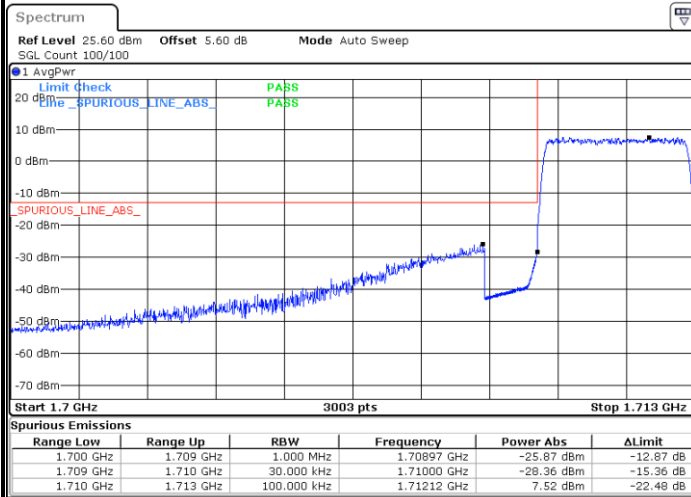
Lowest Band Edge / 1 RB



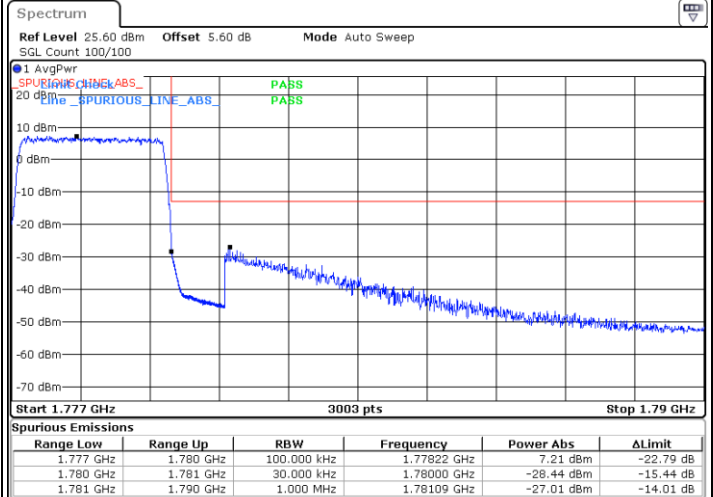
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



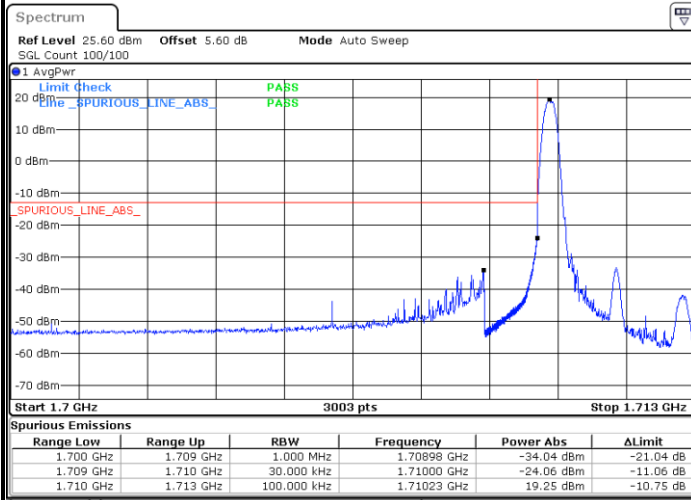
Highest Band Edge / Full RB



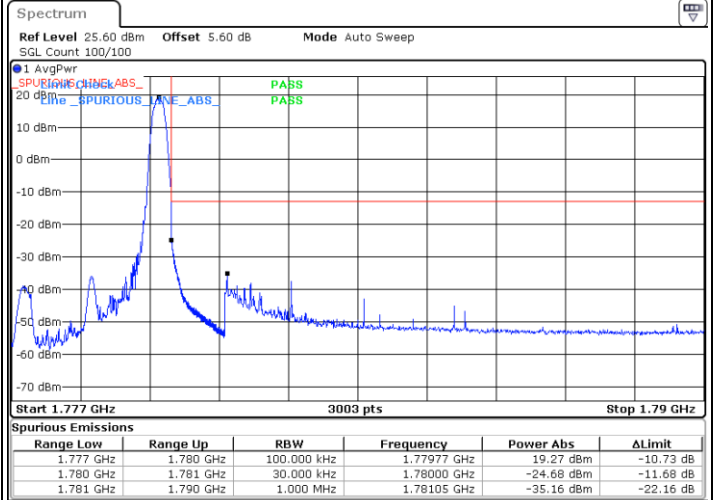


LTE Band 66 / 3MHz / 64QAM

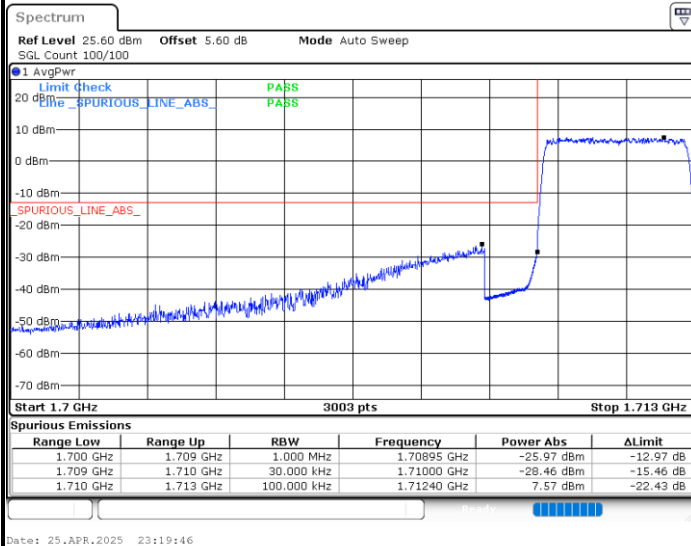
Lowest Band Edge / 1 RB



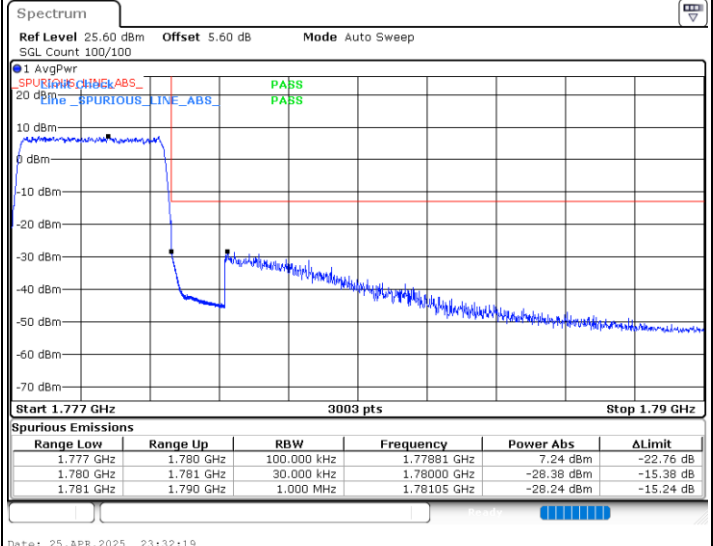
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



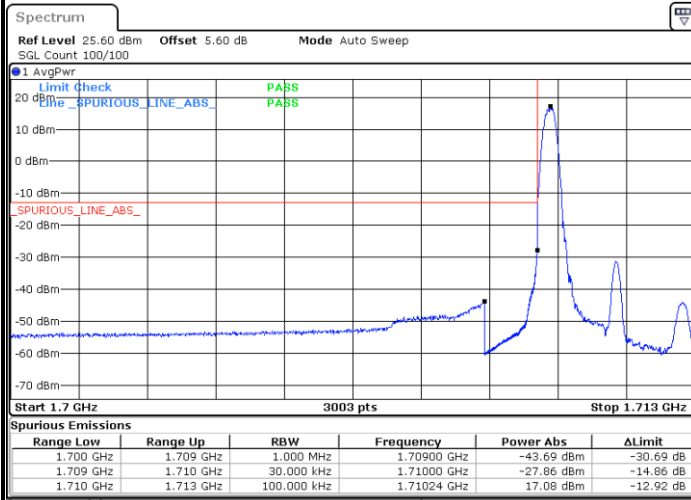
Highest Band Edge / Full RB



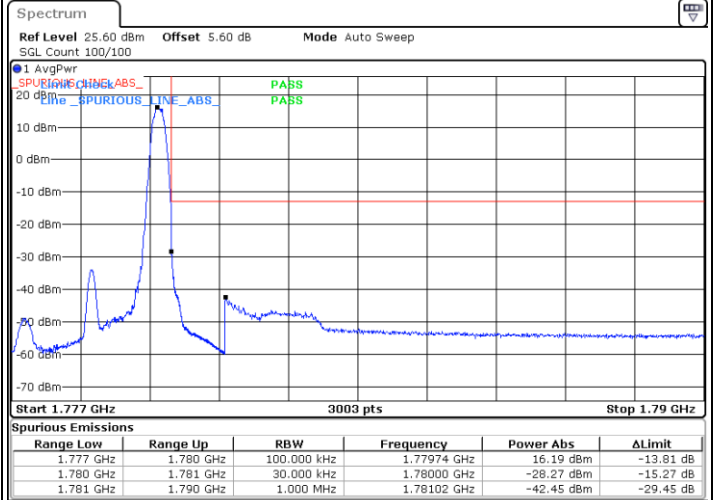


LTE Band 66 / 3MHz / 256QAM

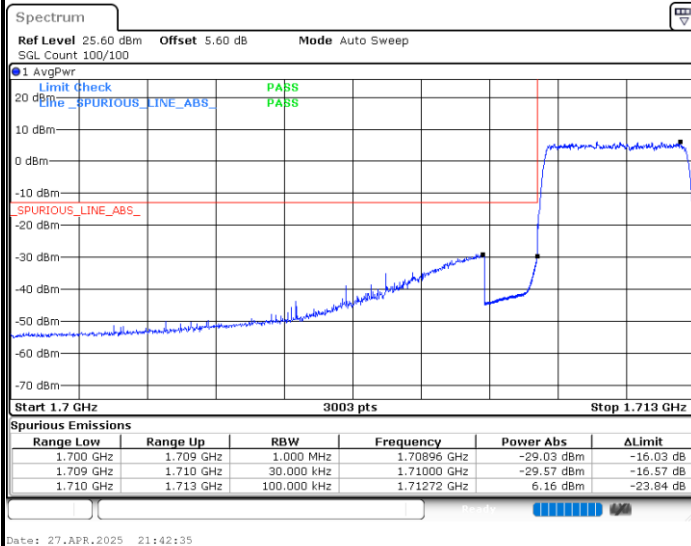
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

