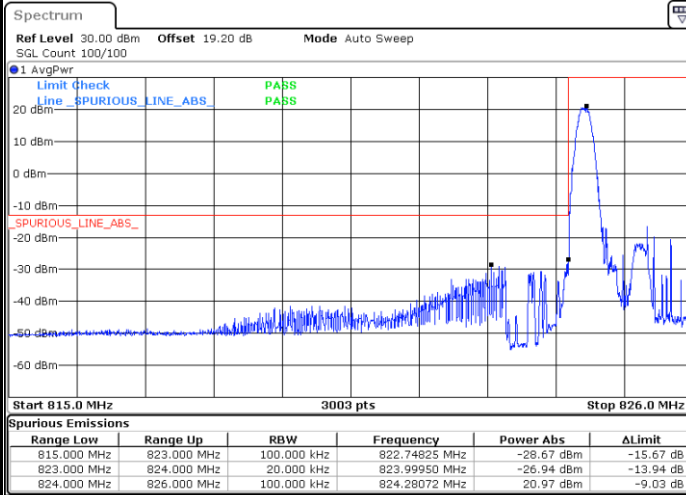




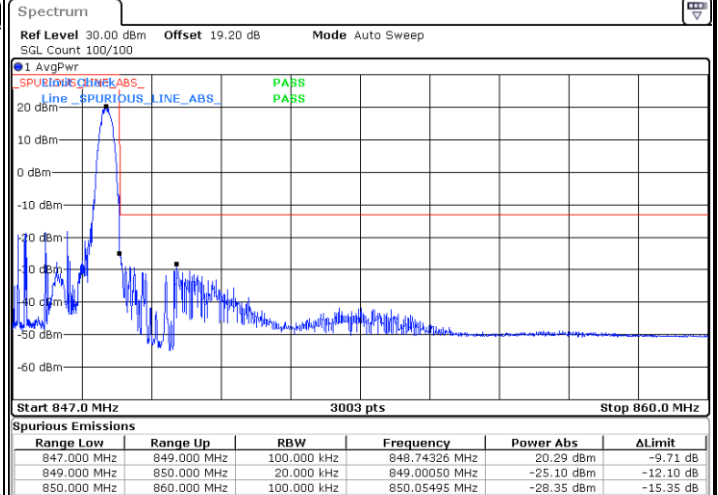
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

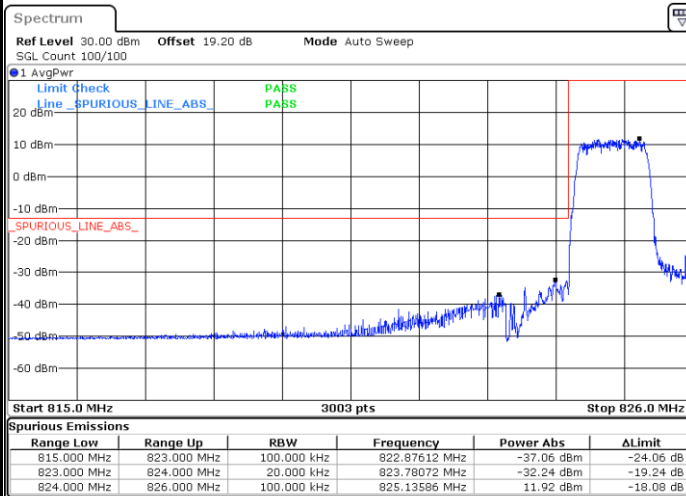
Lowest Band Edge / 1RB



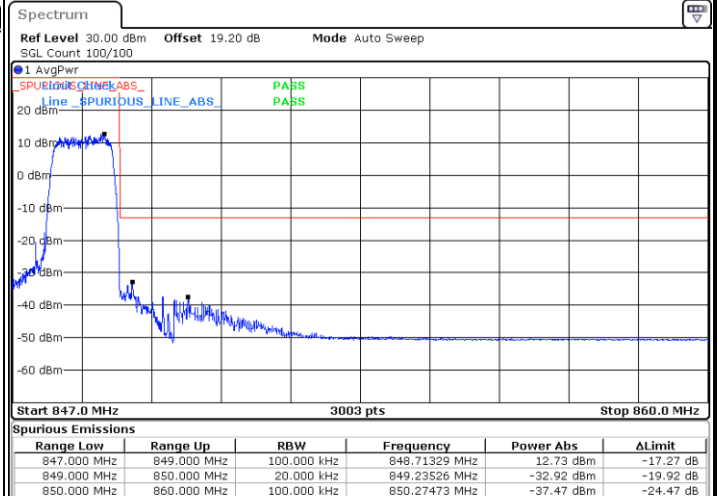
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



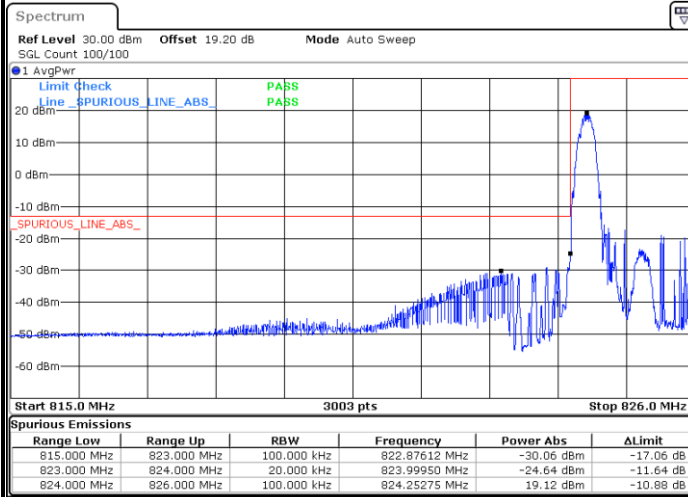
Highest Band Edge / Full RB



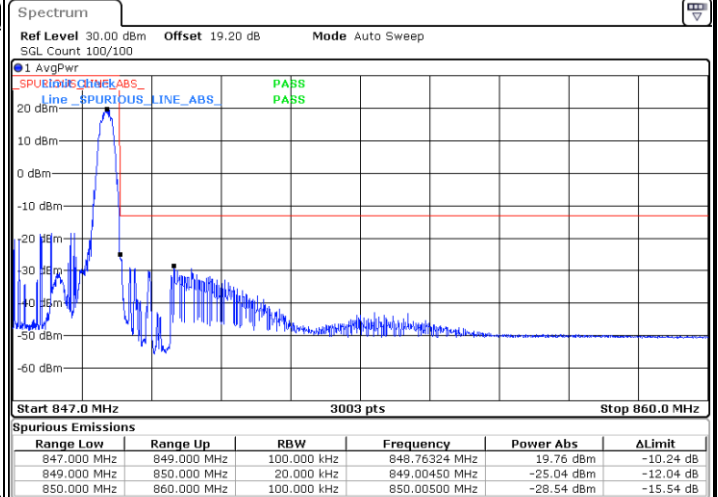


LTE Band 5 / 1.4MHz / 16QAM

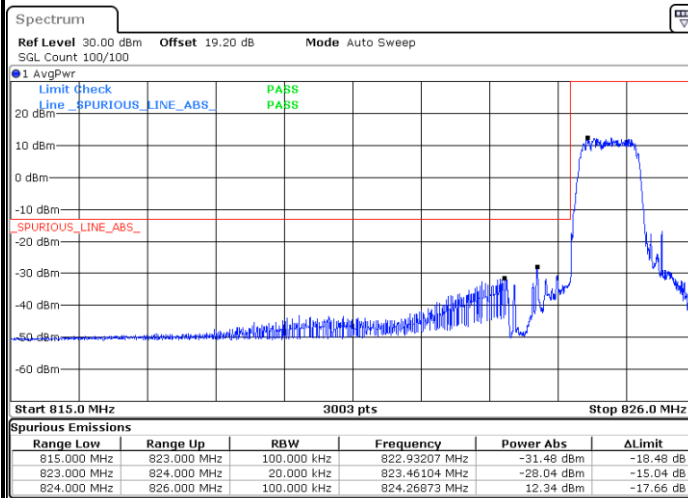
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



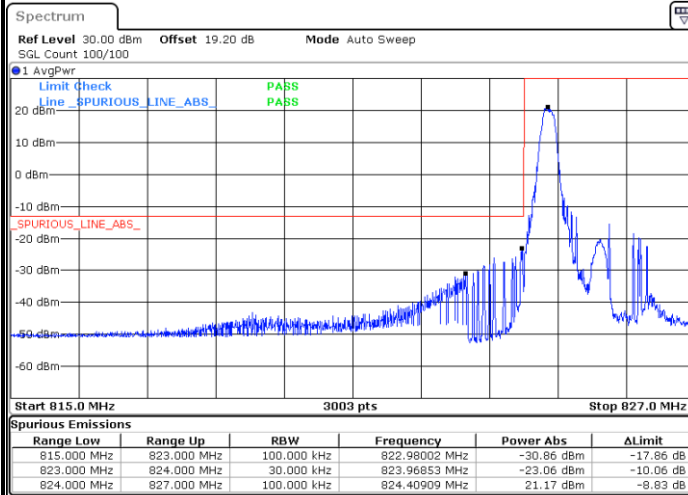
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

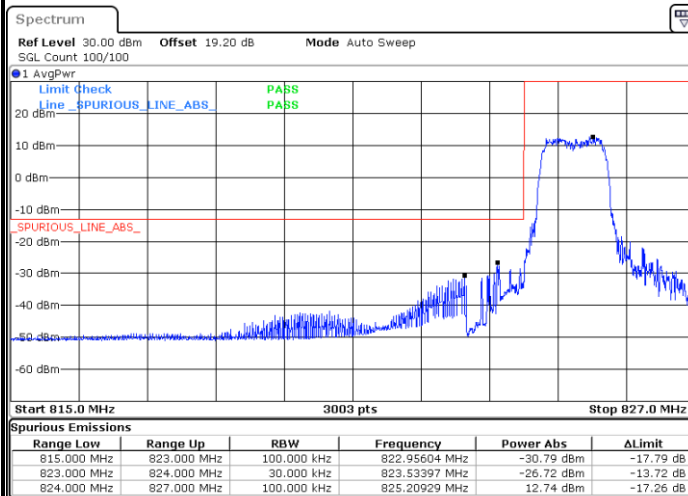
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



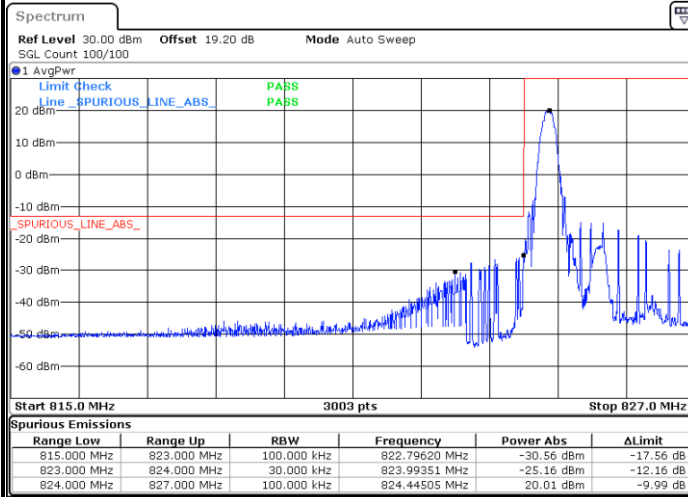
Highest Band Edge / Full RB



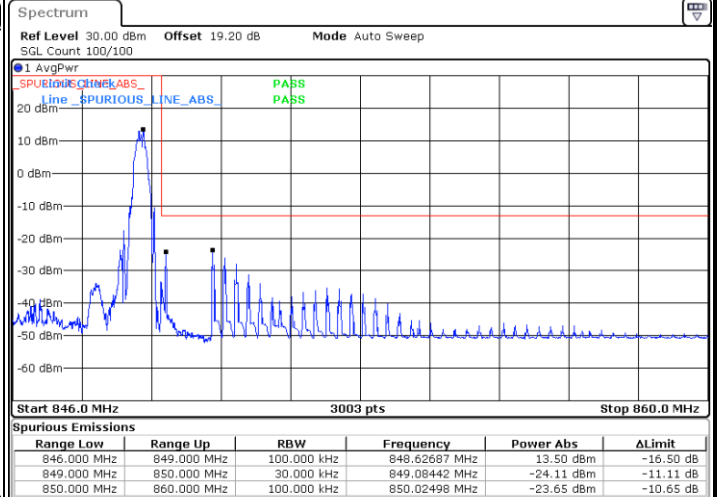


LTE Band 5 / 3MHz / 16QAM

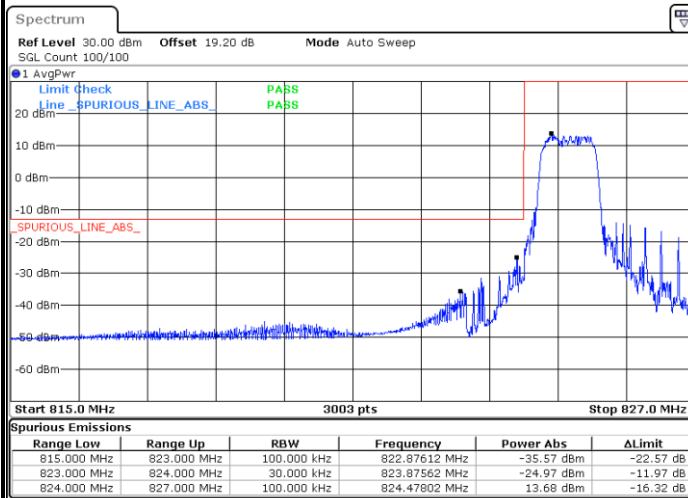
Lowest Band Edge / 1 RB



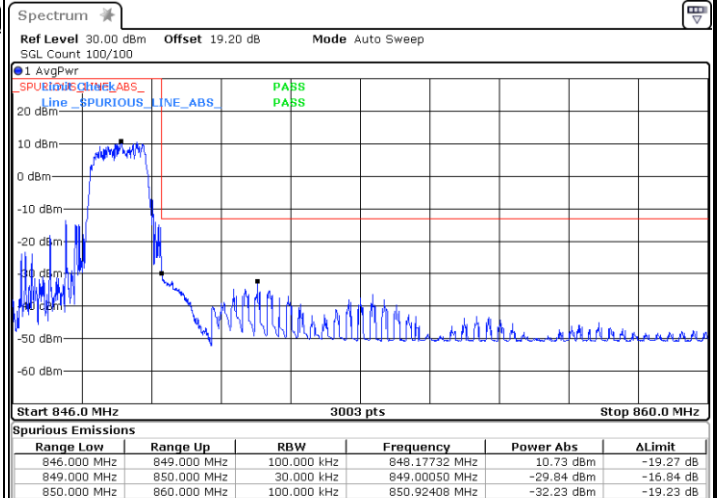
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



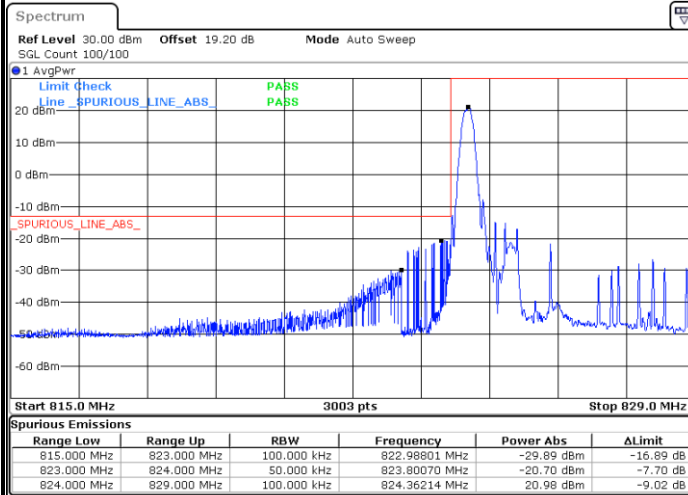
Highest Band Edge / Full RB



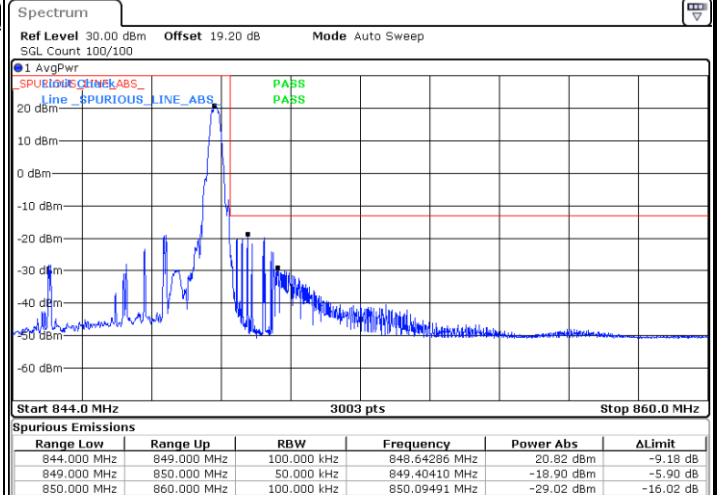


LTE Band 5 / 5MHz / QPSK

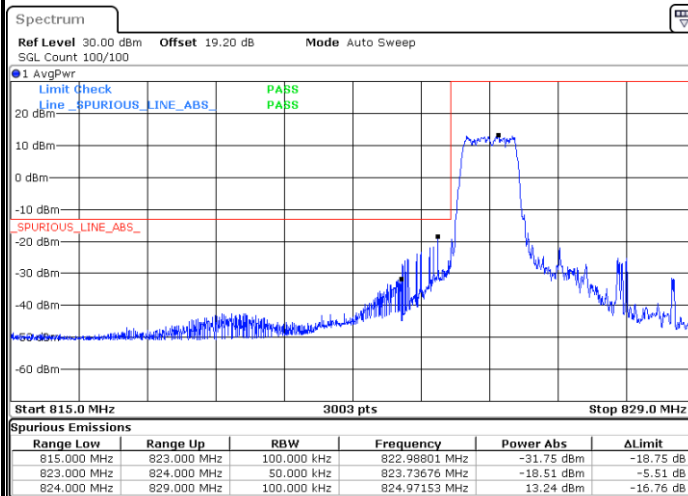
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



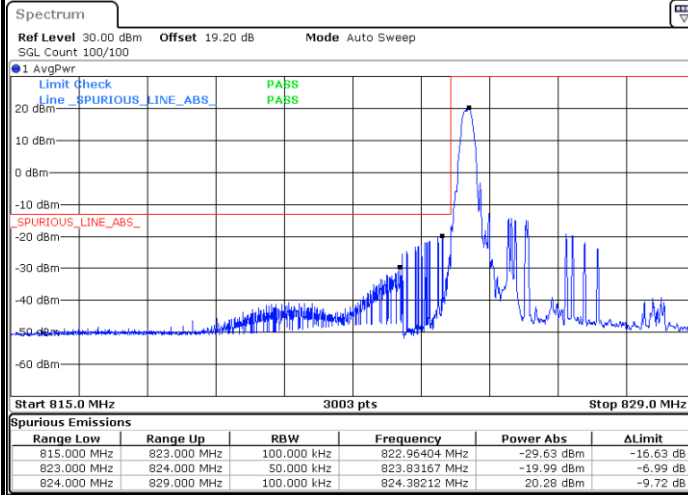
Highest Band Edge / Full RB



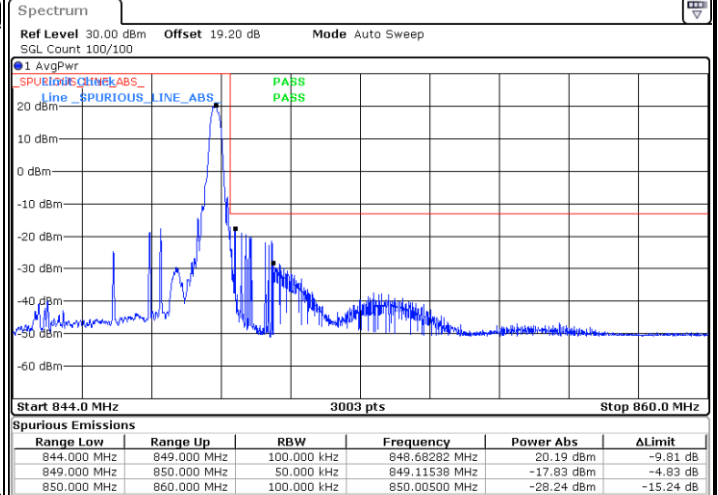


LTE Band 5 / 5MHz / 16QAM

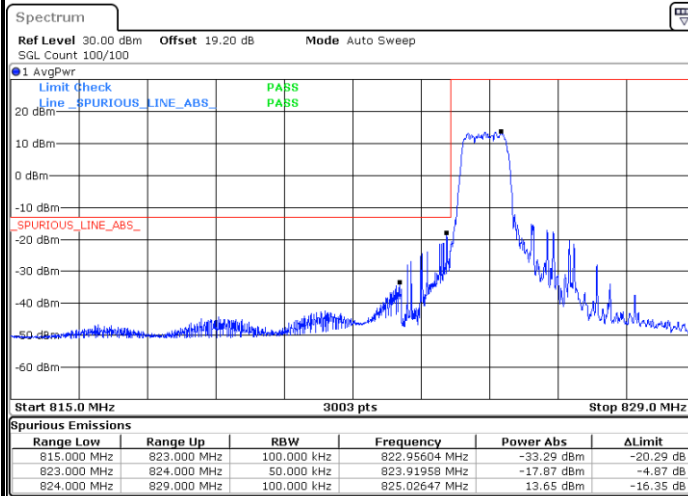
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



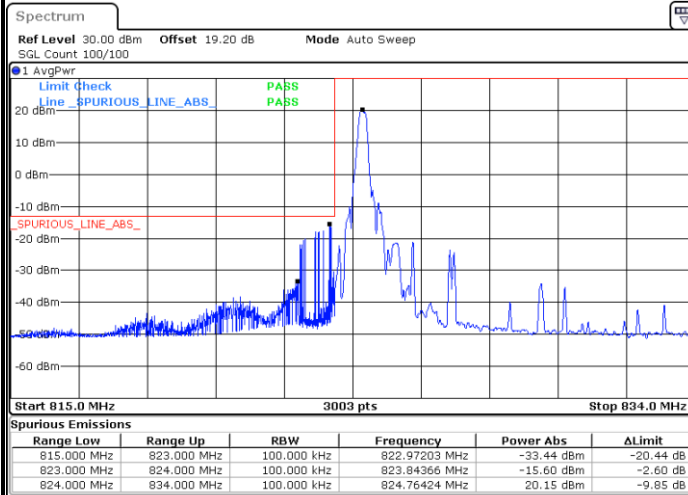
Highest Band Edge / Full RB



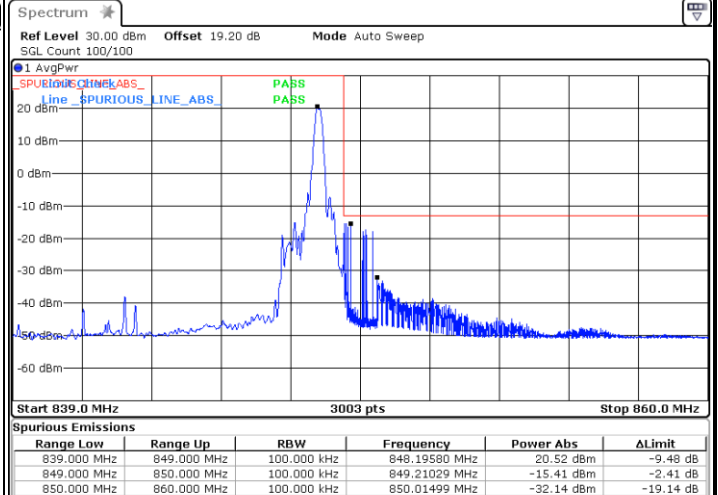


LTE Band 5 / 10MHz / QPSK

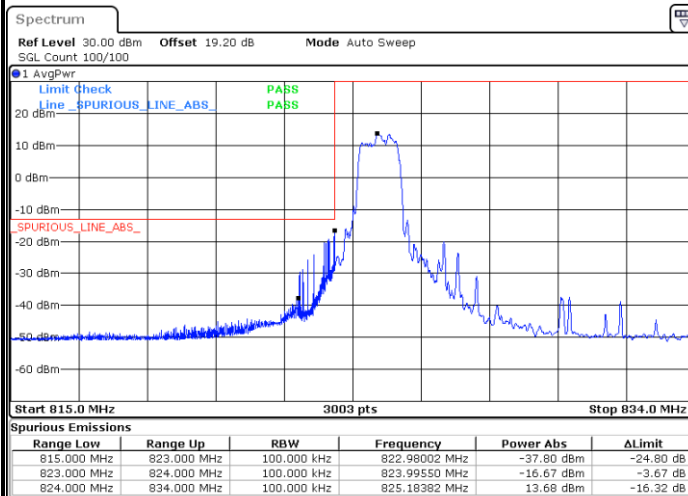
Lowest Band Edge / 1RB



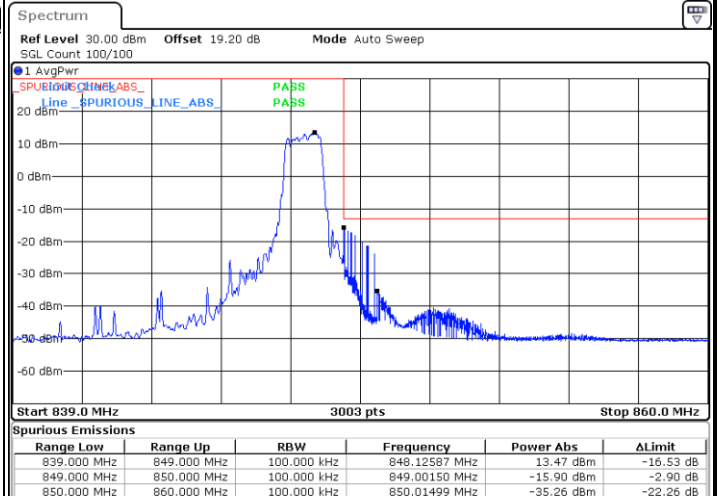
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



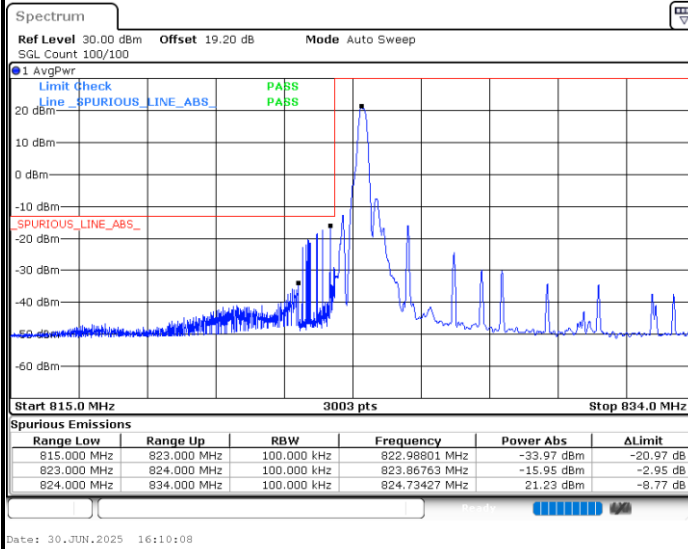
Highest Band Edge / Full RB



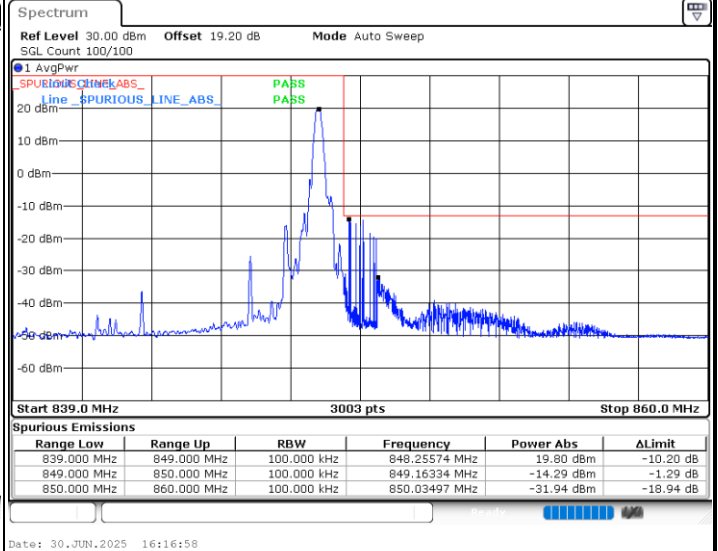


LTE Band 5 / 10MHz / 16QAM

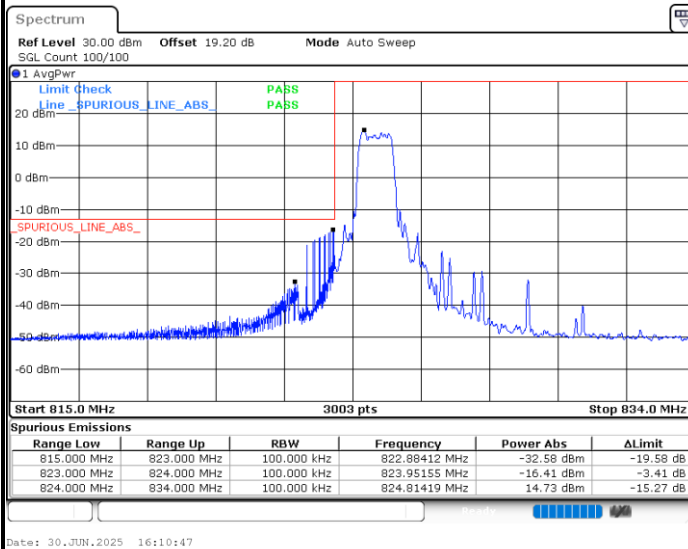
Lowest Band Edge / 1 RB



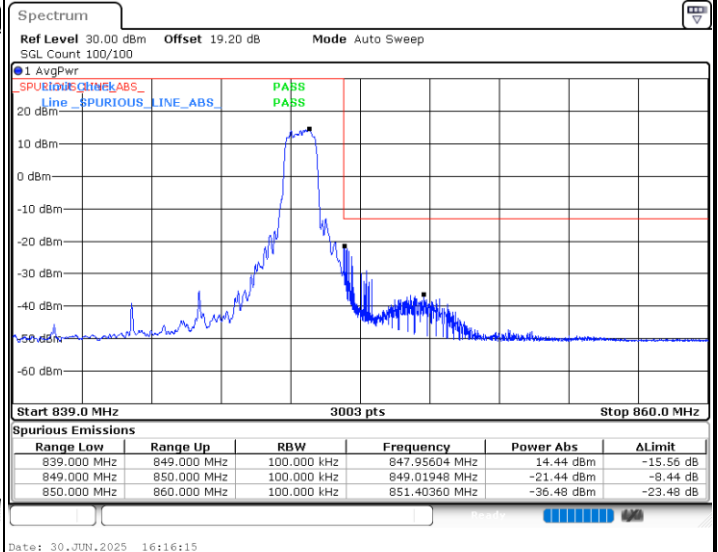
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

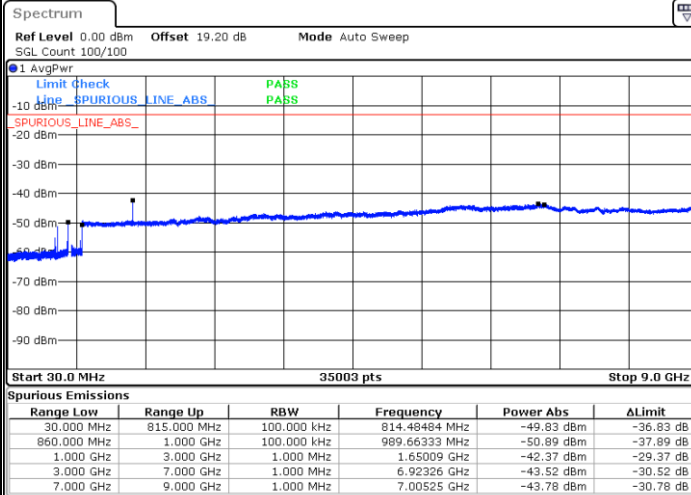




Conducted Spurious Emission

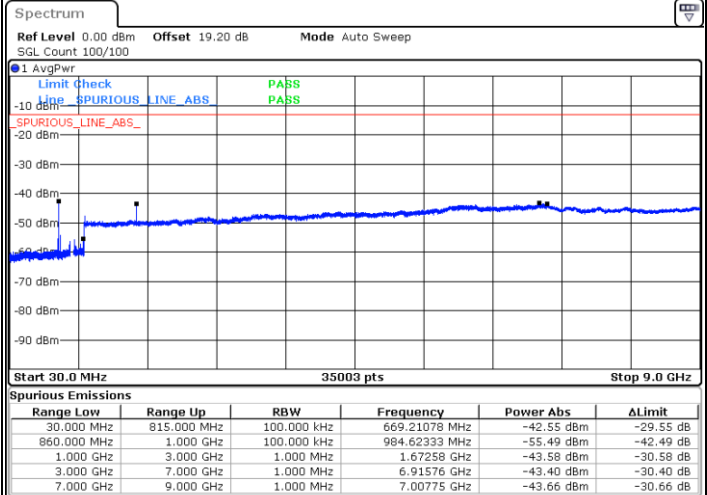
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



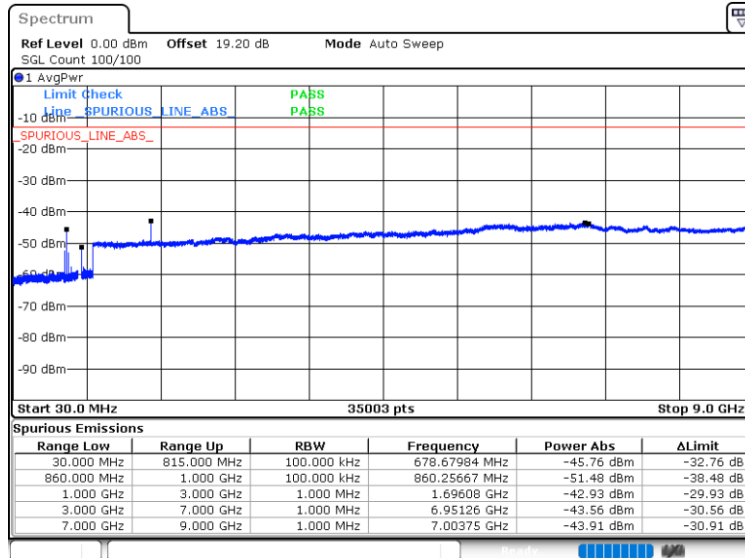
Date: 30 JUN.2025 15:01:57

Middle Channel / QPSK



Date: 30 JUN.2025 14:56:38

Highest Channel / QPSK

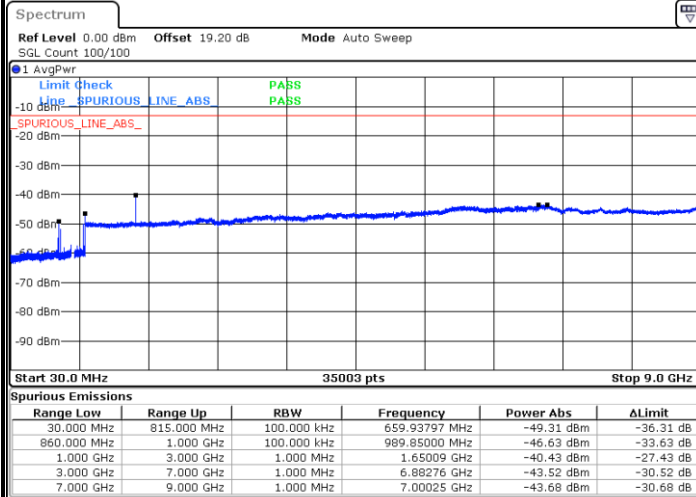


Date: 30 JUN.2025 15:07:37



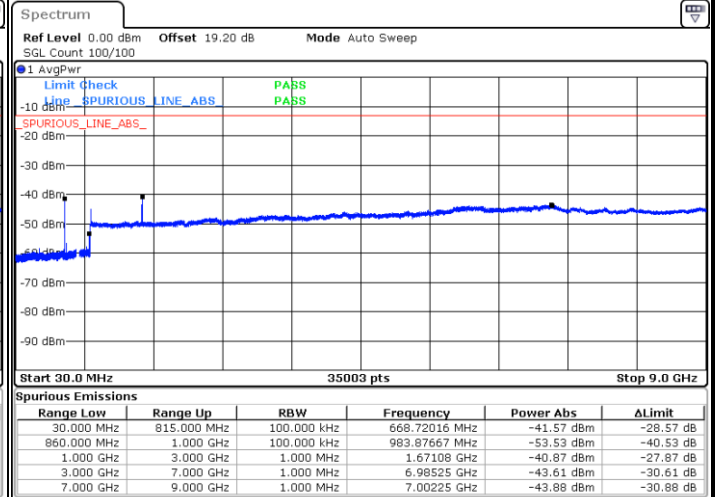
LTE Band 5 / 3MHz

Lowest Channel / QPSK



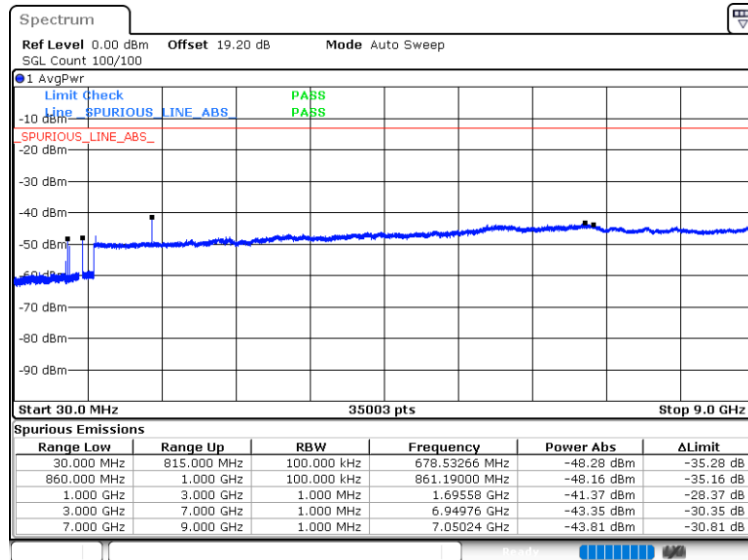
Date: 30.JUN.2025 15:30:40

Middle Channel / QPSK



Date: 30.JUN.2025 15:35:35

Highest Channel / QPSK

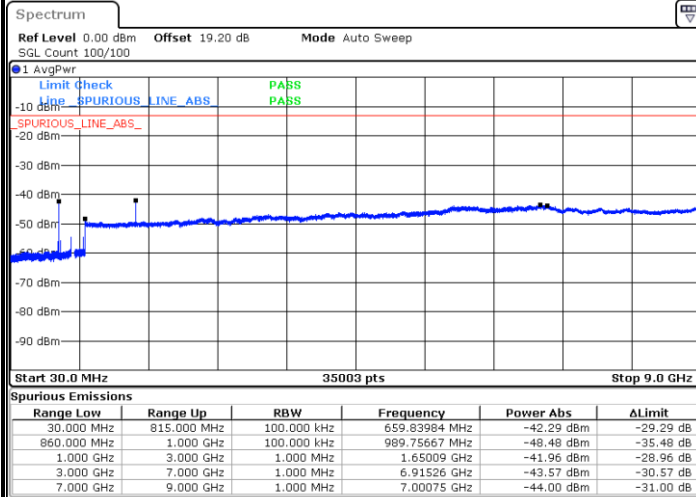


Date: 30.JUN.2025 15:36:40



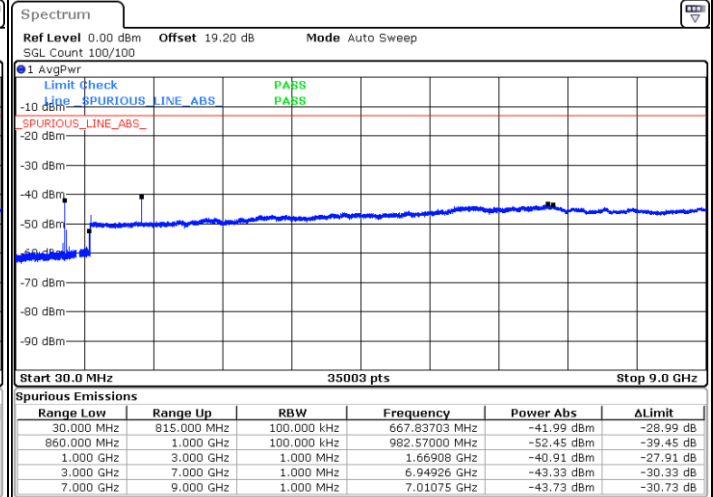
LTE Band 5 / 5MHz

Lowest Channel / QPSK



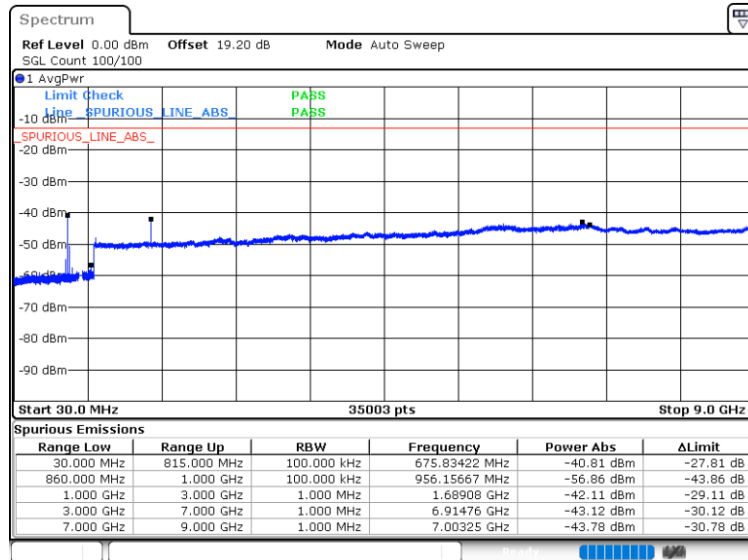
Date: 30.JUN.2025 15:43:53

Middle Channel / QPSK



Date: 30.JUN.2025 15:49:48

Highest Channel / QPSK

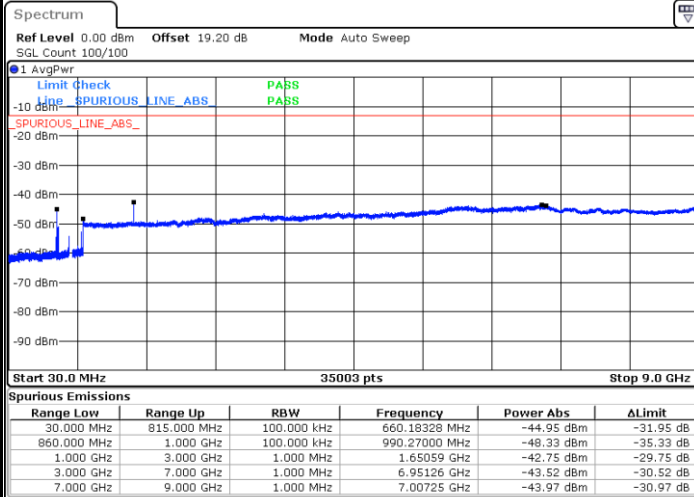


Date: 30.JUN.2025 15:50:54



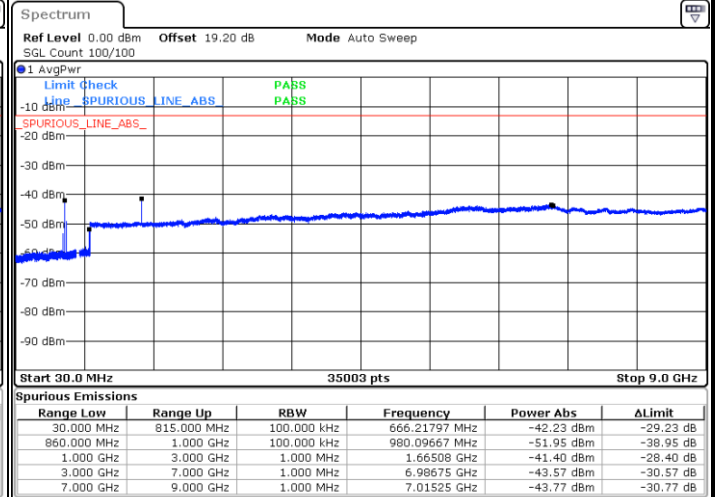
LTE Band 5 / 10MHz

Lowest Channel / QPSK



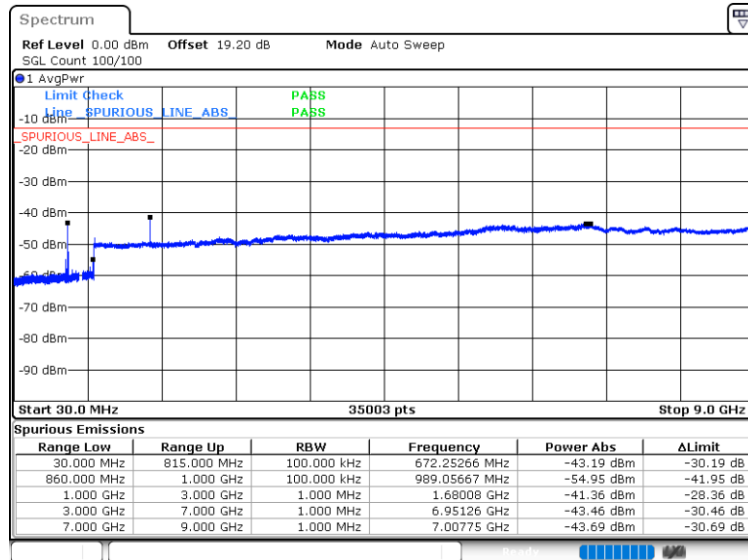
Date: 30.JUN.2025 16:09:26

Middle Channel / QPSK



Date: 30.JUN.2025 16:12:51

Highest Channel / QPSK



Date: 30.JUN.2025 16:13:28

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	≤2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note:

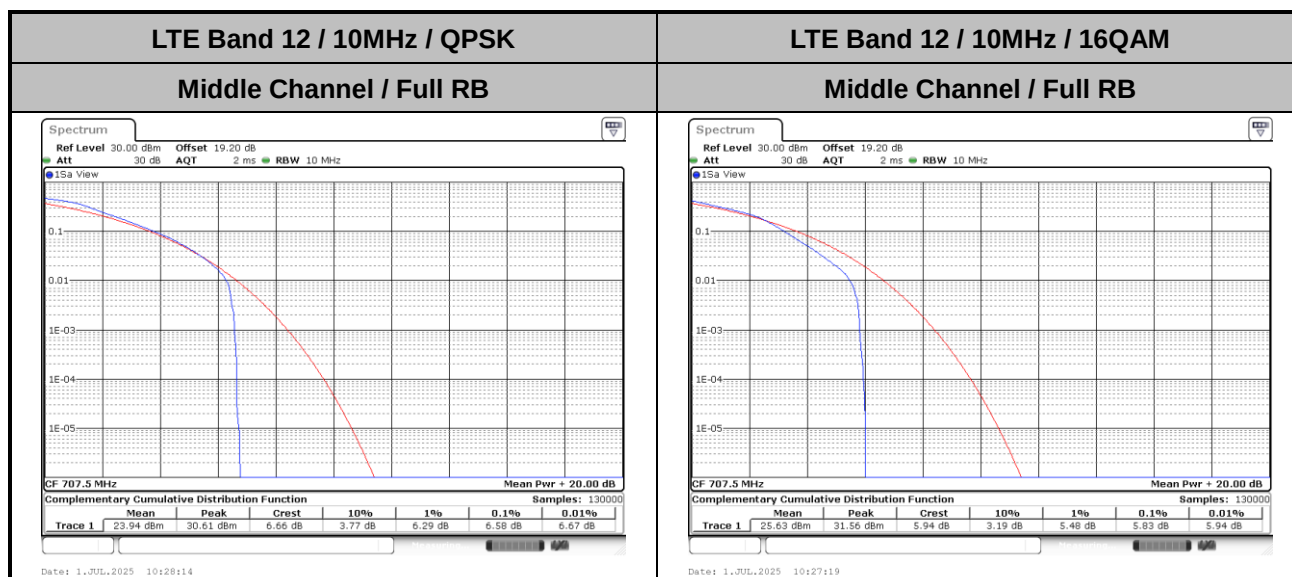
1. Normal Voltage = 5 V. ; Minimum Voltage = 4.8 V. ; Maximum Voltage = 5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM		Limit: 13dB
RB Size	Full RB	Full RB		Result
Middle CH	6.58	5.83		PASS





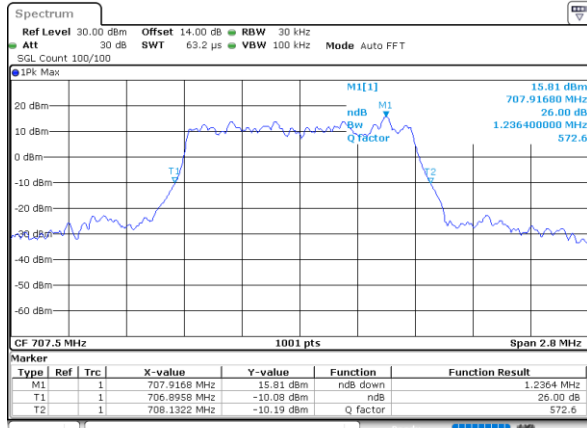
26dB Bandwidth

Mode	LTE Band 12 : 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	1.24	1.12	1.55	1.23	1.41	1.19	2.06	1.76	-	-	-	-



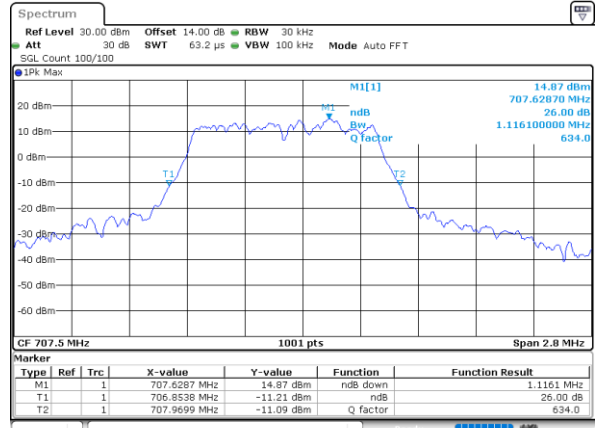
LTE Band 12

Middle Channel / 1.4MHz / QPSK



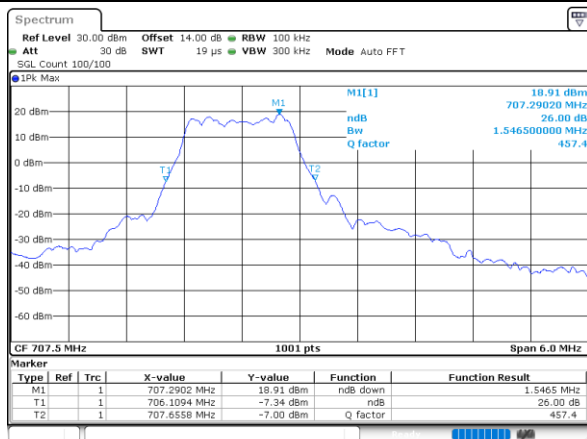
Date: 1.JUL.2025 09:19:56

Middle Channel / 1.4MHz / 16QAM



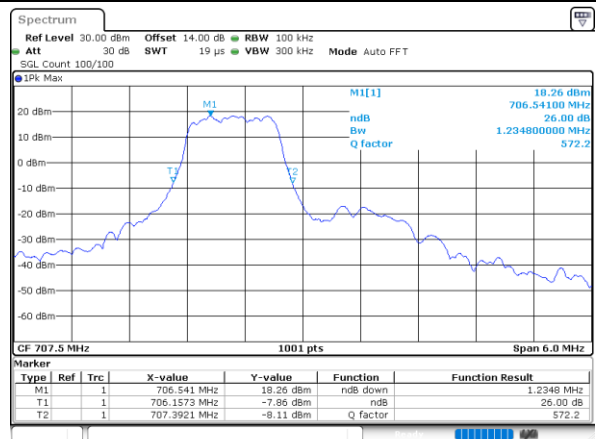
Date: 1.JUL.2025 09:20:54

Middle Channel / 3MHz / QPSK



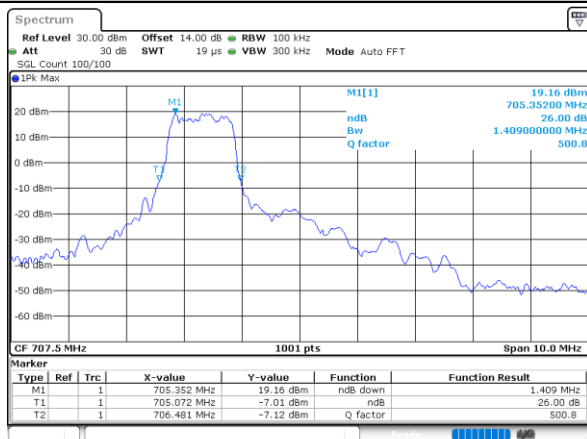
Date: 1.JUL.2025 09:40:21

Middle Channel / 3MHz / 16QAM



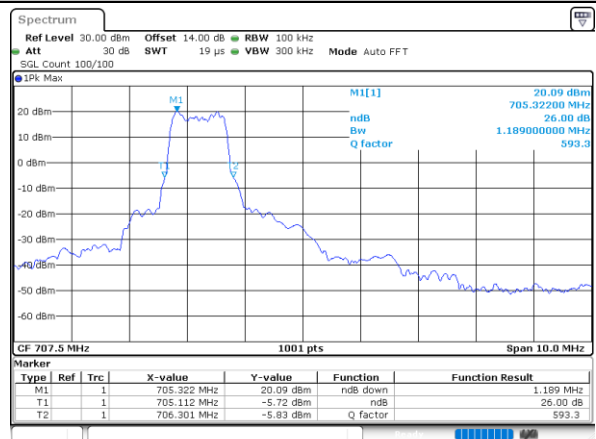
Date: 1.JUL.2025 09:39:12

Middle Channel / 5MHz / QPSK



Date: 1.JUL.2025 08:51:48

Middle Channel / 5MHz / 16QAM

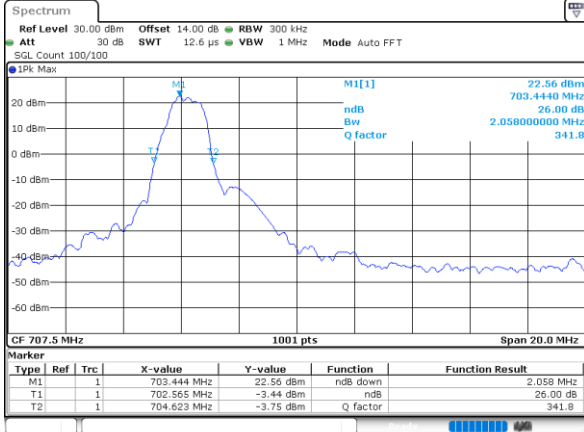


Date: 1.JUL.2025 08:52:45



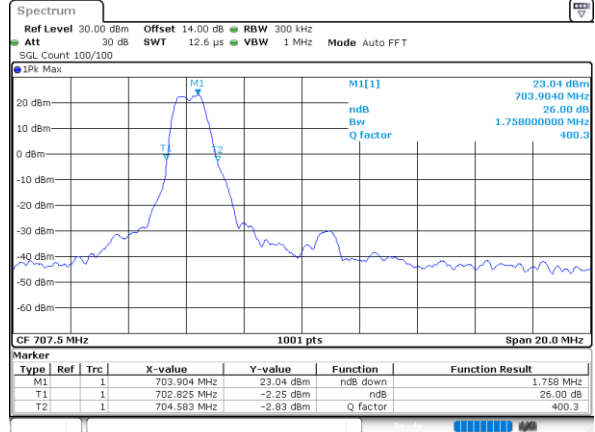
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 1.JUL.2025 10:17:51

Middle Channel / 10MHz / 16QAM



Date: 1.JUL.2025 10:17:17



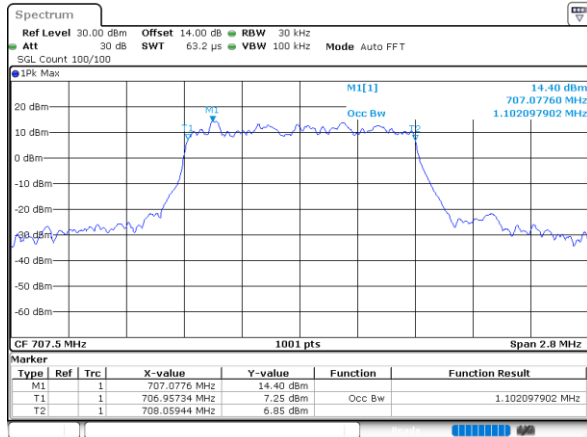
Occupied Bandwidth

Mode	LTE Band 12 : 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	0.93	1.16	1.07	1.16	0.98	1.46	1.28	-	-	-	-

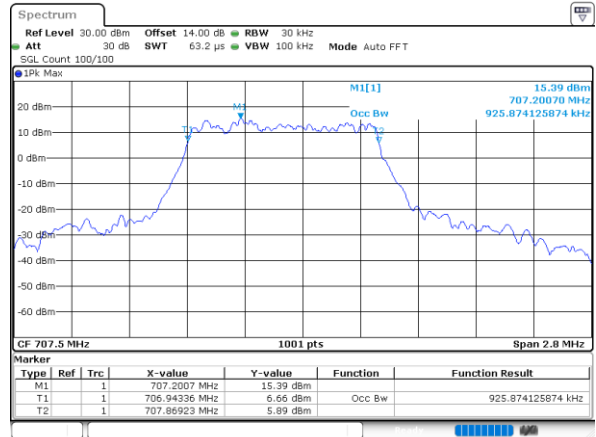


LTE Band 12

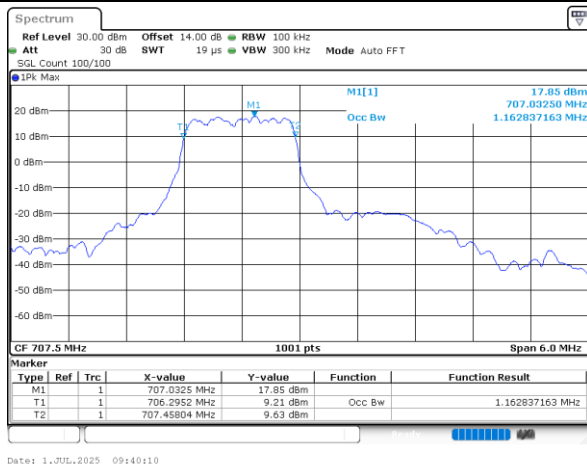
Middle Channel / 1.4MHz / QPSK



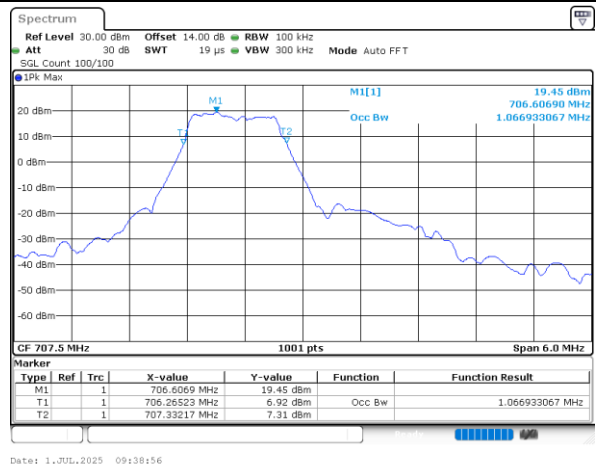
Middle Channel / 1.4MHz / 16QAM



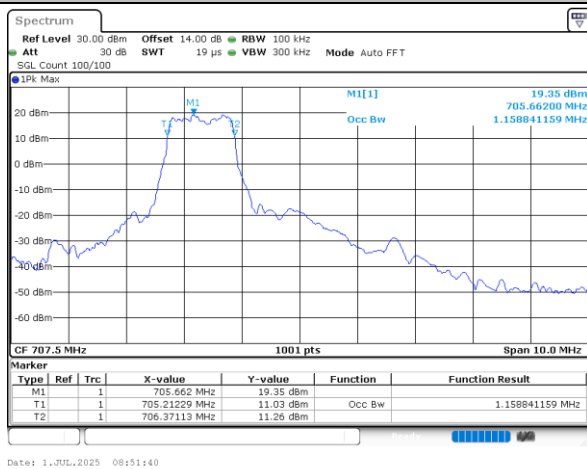
Middle Channel / 3MHz / QPSK



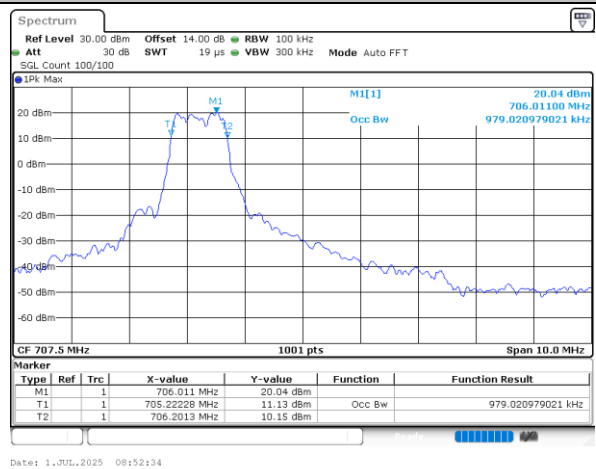
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



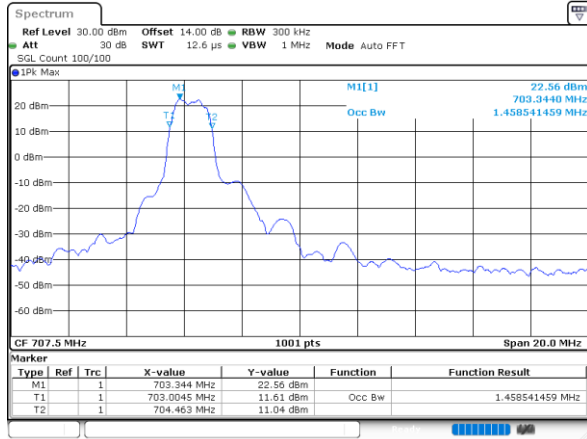
Middle Channel / 5MHz / 16QAM





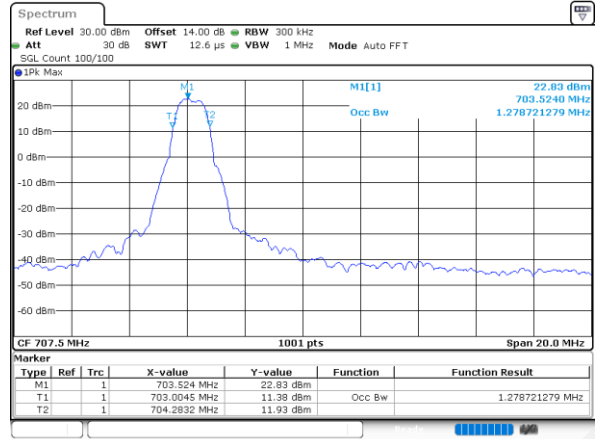
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 1.JUL.2025 10:18:07

Middle Channel / 10MHz / 16QAM



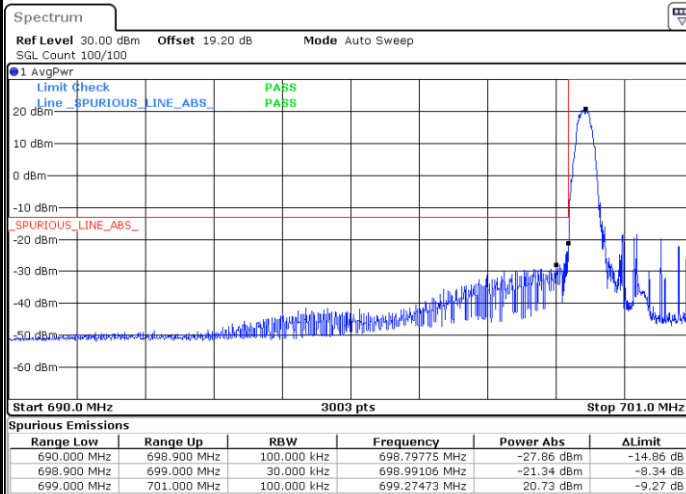
Date: 1.JUL.2025 10:16:48



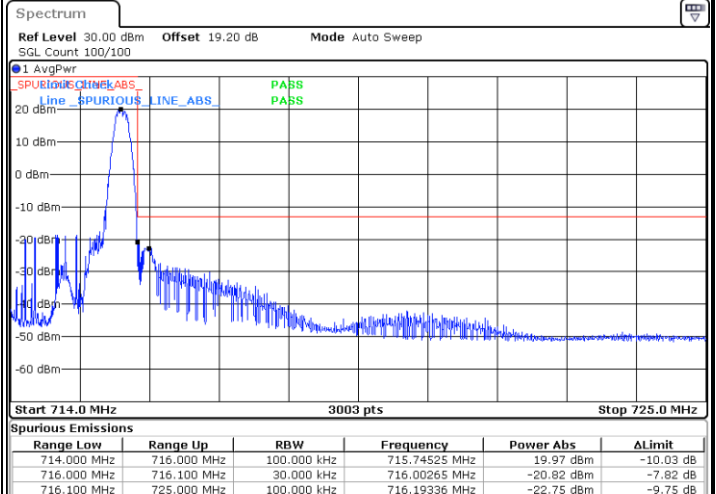
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

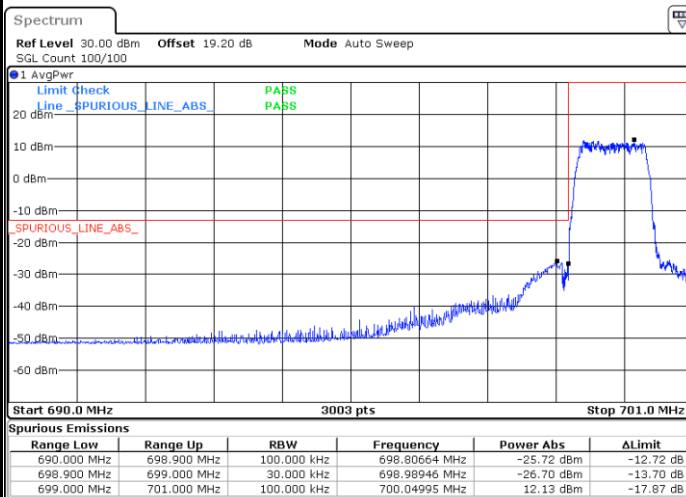
Lowest Band Edge / 1RB



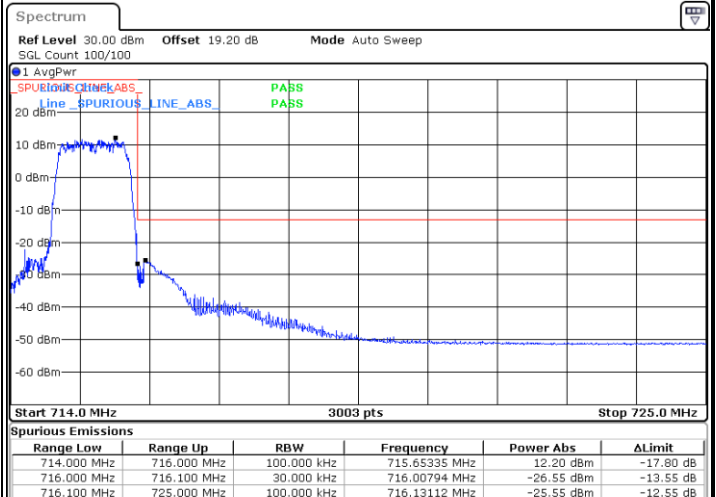
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



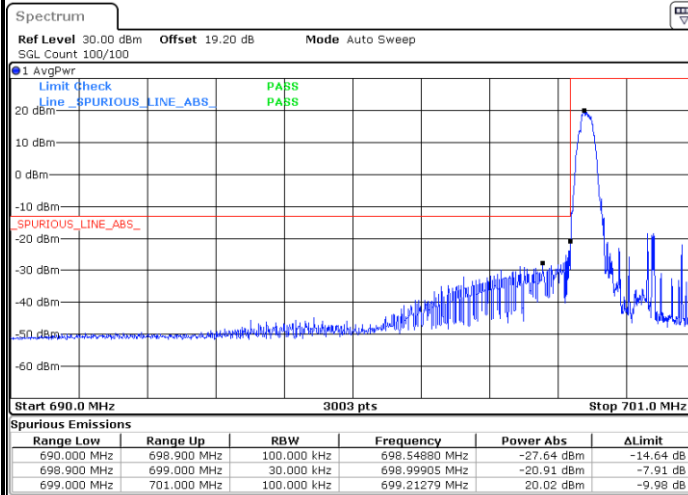
Highest Band Edge / Full RB



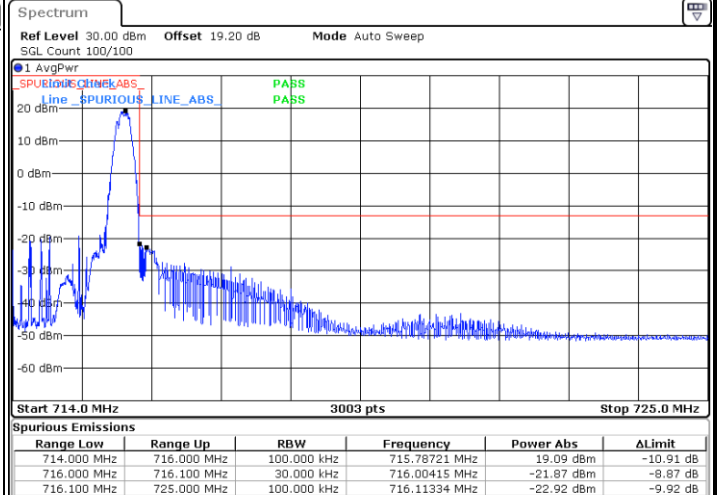


LTE Band 12 / 1.4MHz / 16QAM

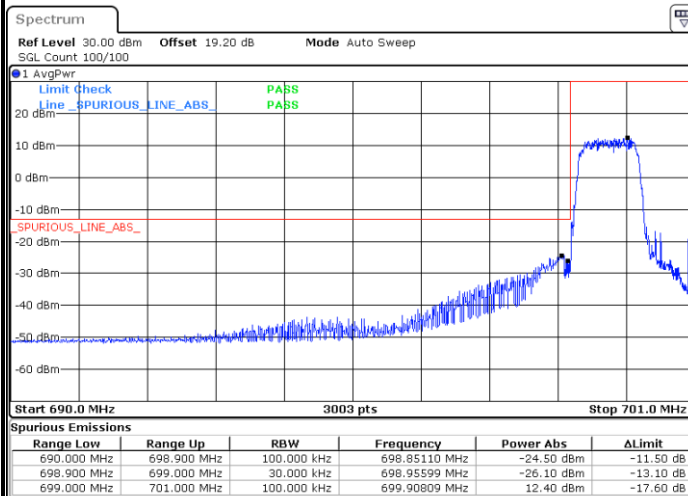
Lowest Band Edge / 1 RB



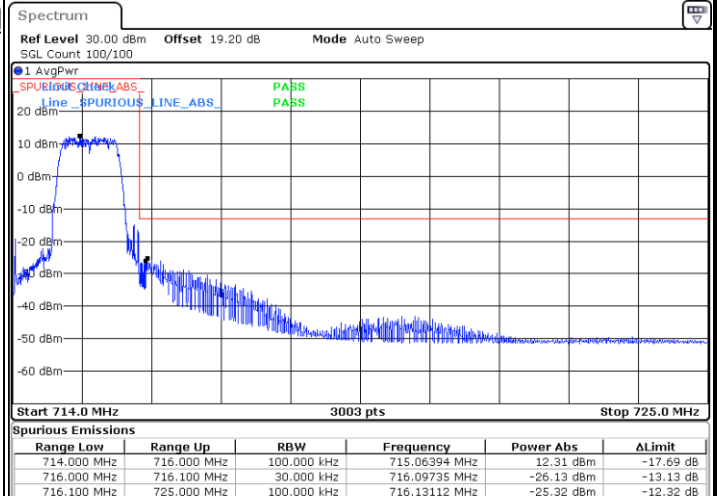
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



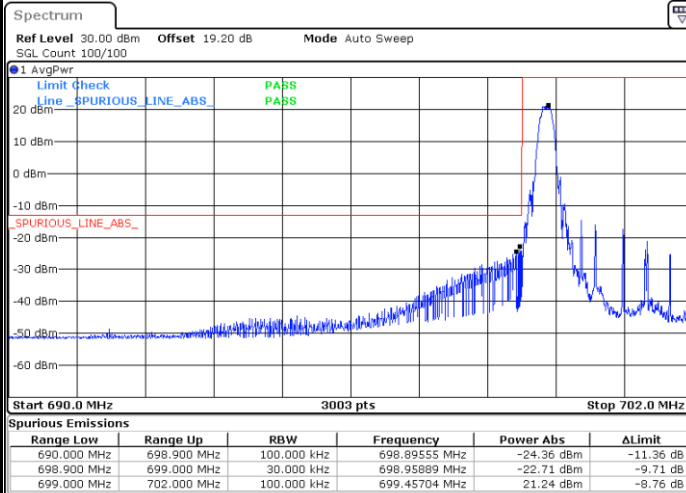
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



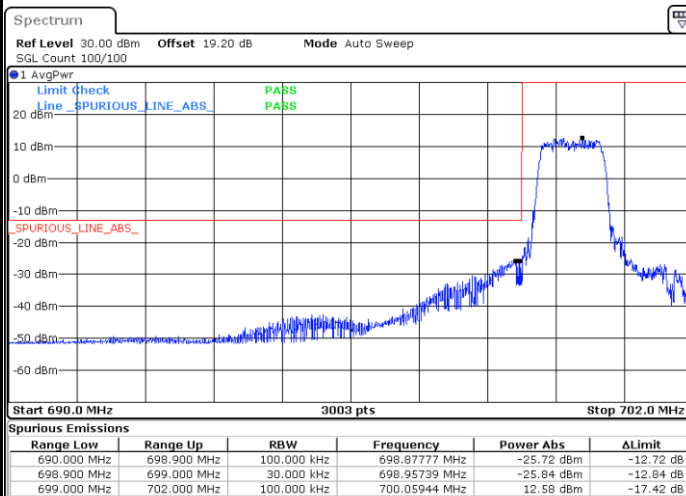
Date: 1.JUL.2025 09:32:14

Highest Band Edge / 1RB



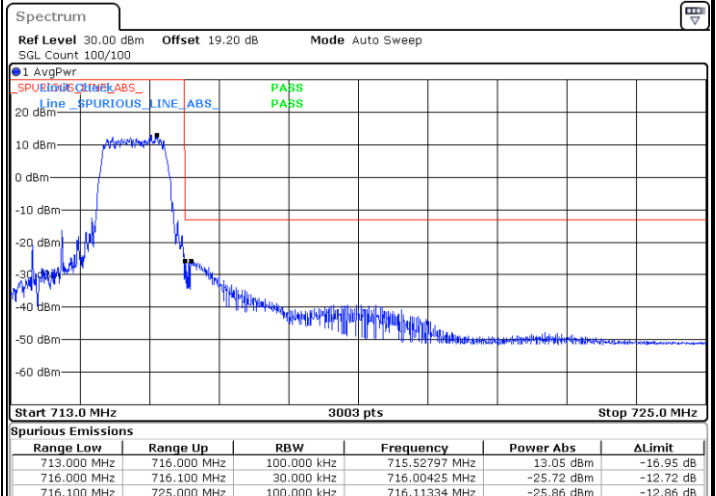
Date: 1.JUL.2025 09:45:18

Lowest Band Edge / Full RB



Date: 1.JUL.2025 09:31:32

Highest Band Edge / Full RB

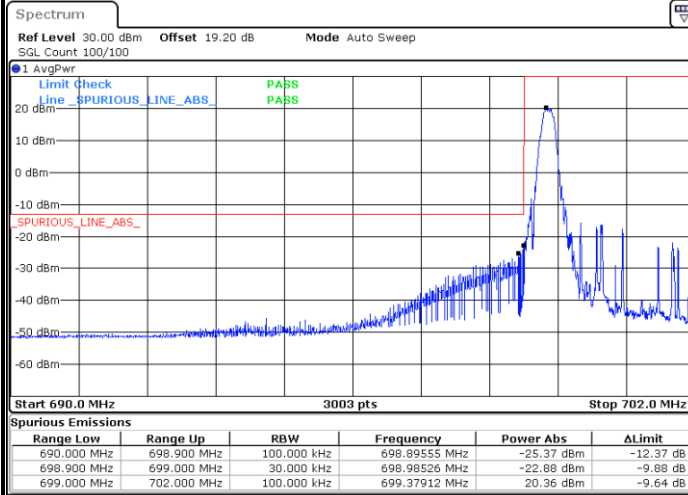


Date: 1.JUL.2025 09:46:24

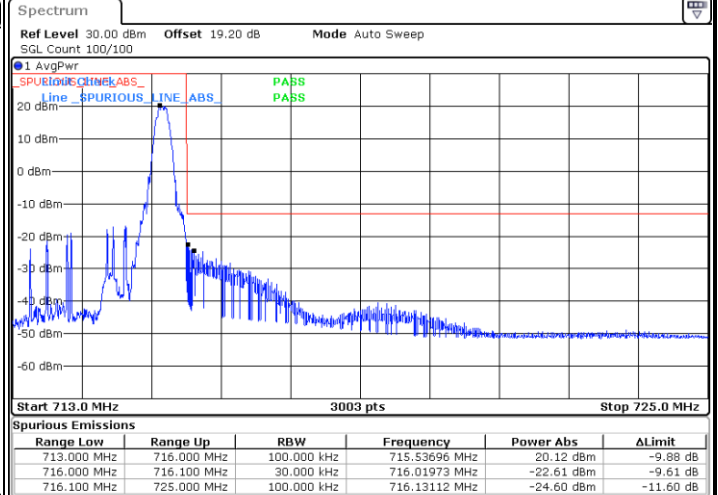


LTE Band 12 / 3MHz / 16QAM

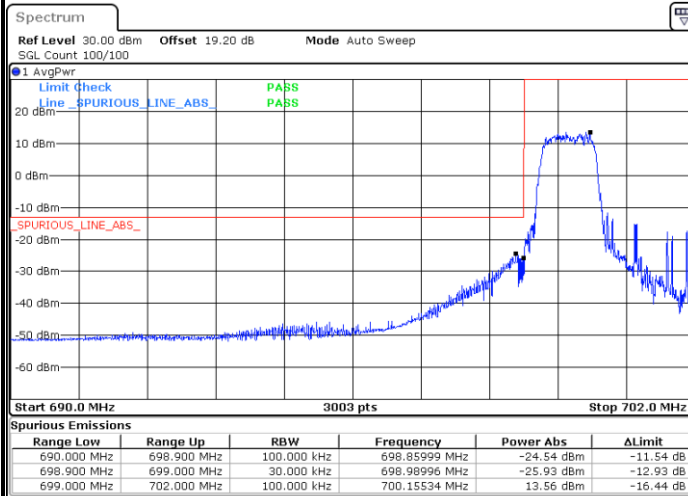
Lowest Band Edge / 1 RB



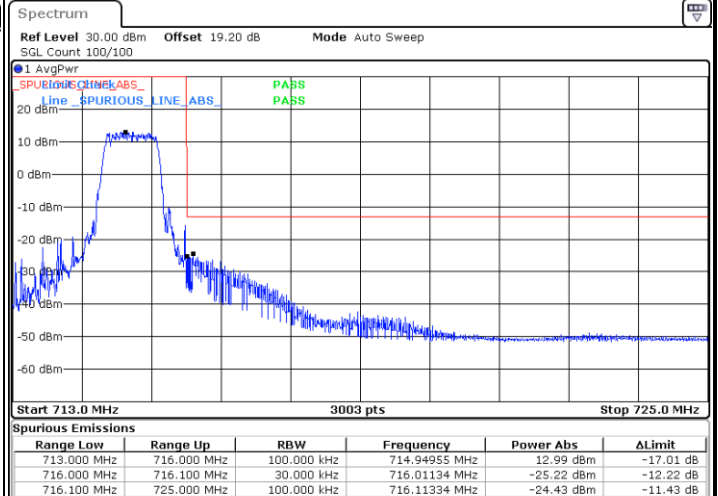
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



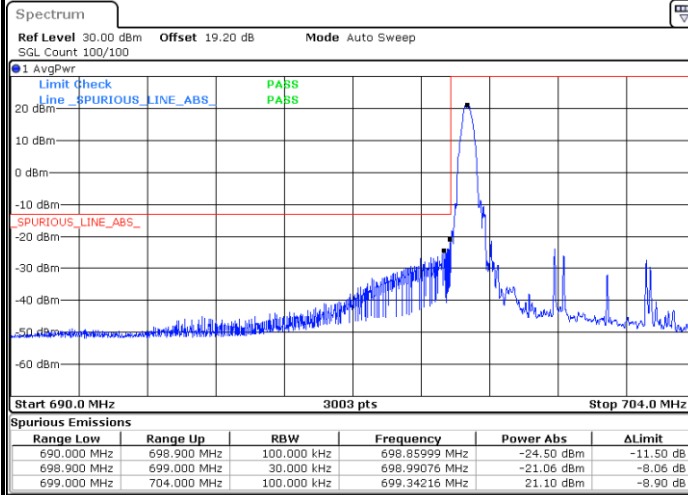
Highest Band Edge / Full RB



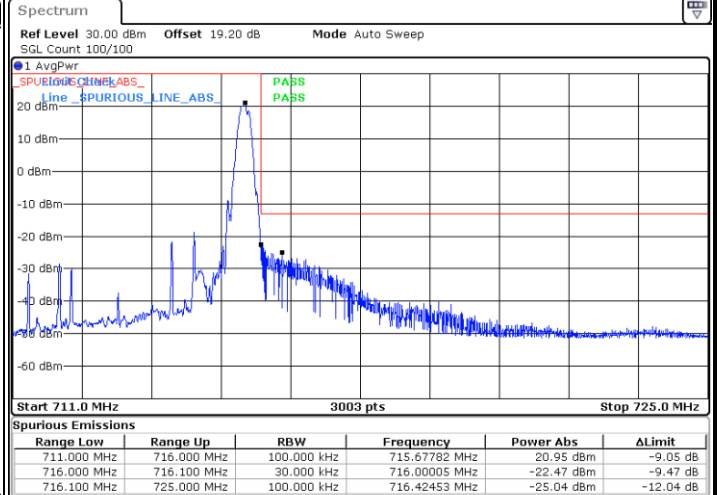


LTE Band 12 / 5MHz / QPSK

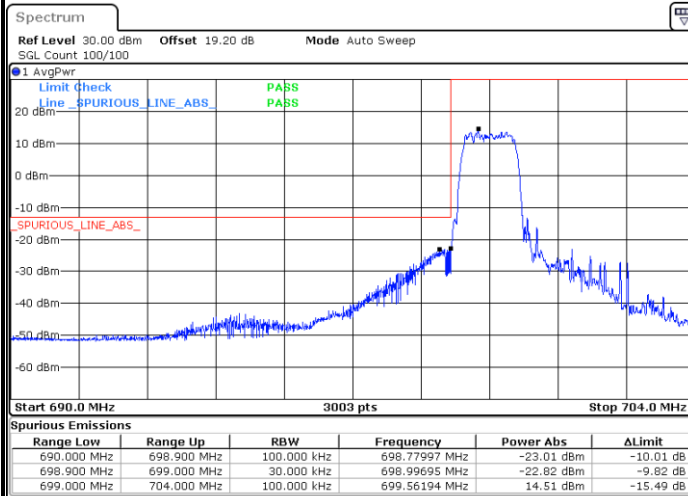
Lowest Band Edge / 1RB



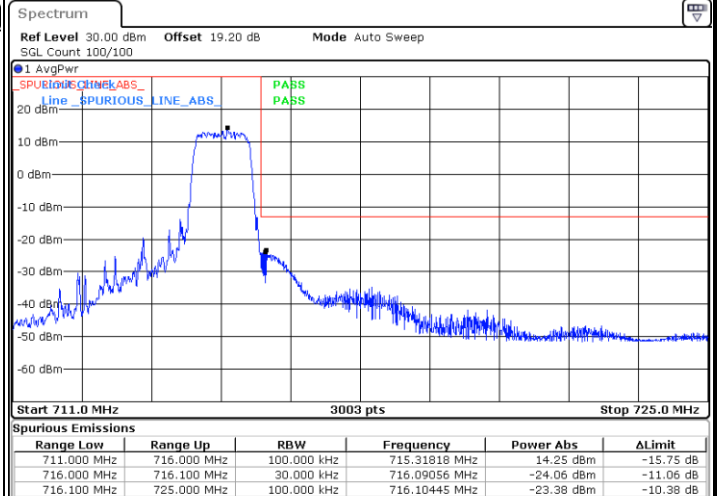
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



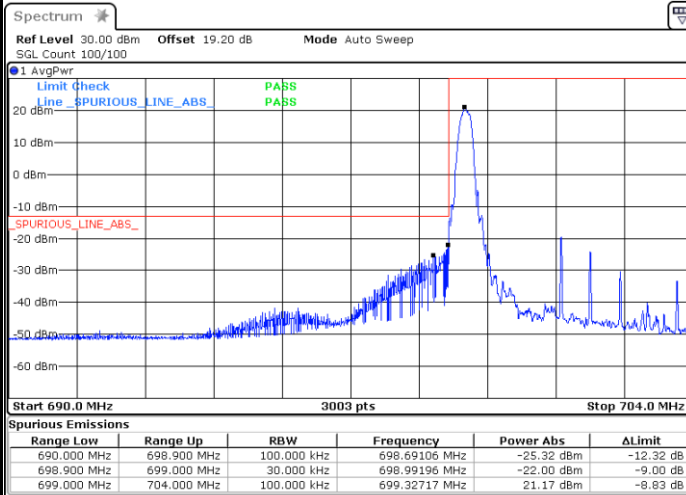
Highest Band Edge / Full RB



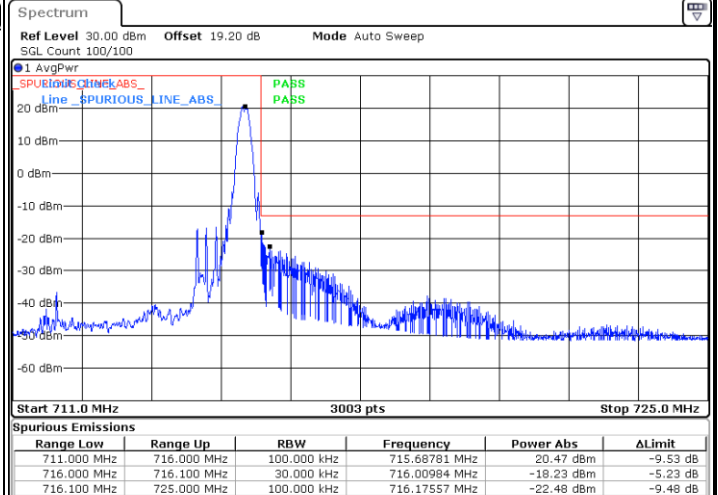


LTE Band 12 / 5MHz / 16QAM

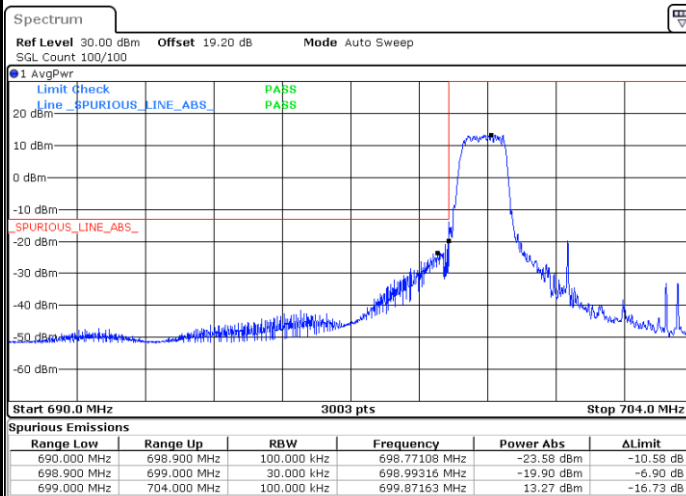
Lowest Band Edge / 1 RB



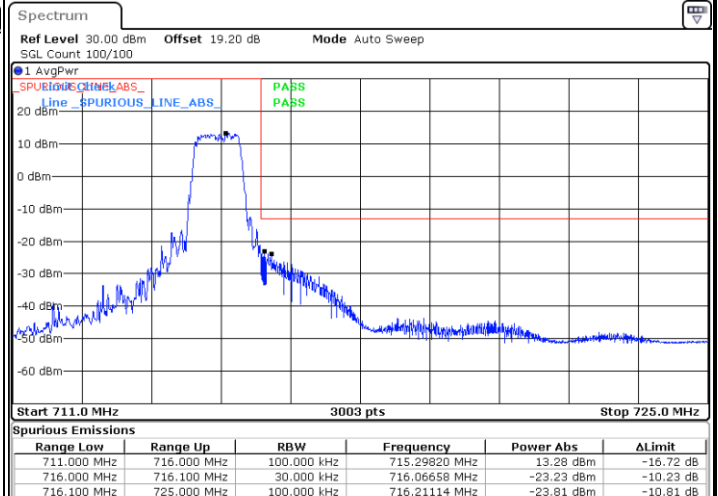
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



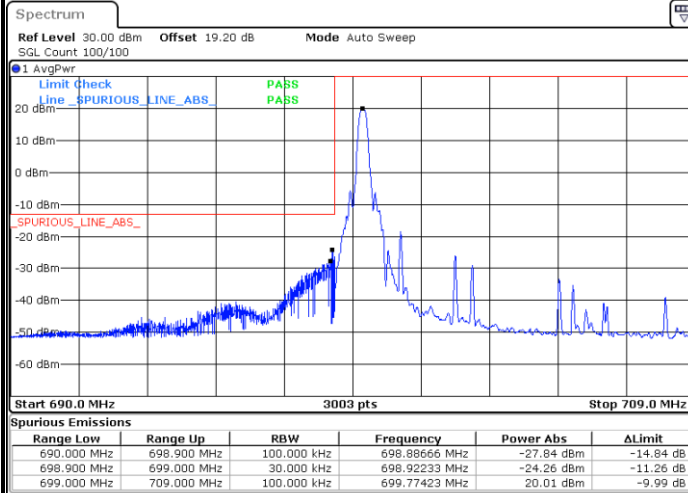
Highest Band Edge / Full RB



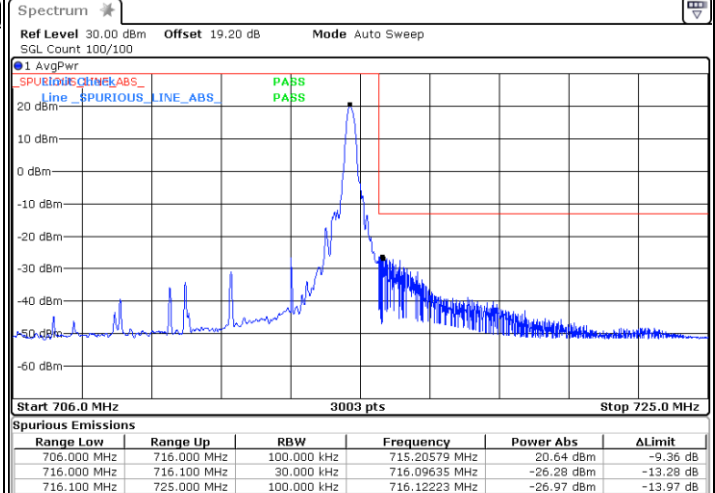


LTE Band 12 / 10MHz / QPSK

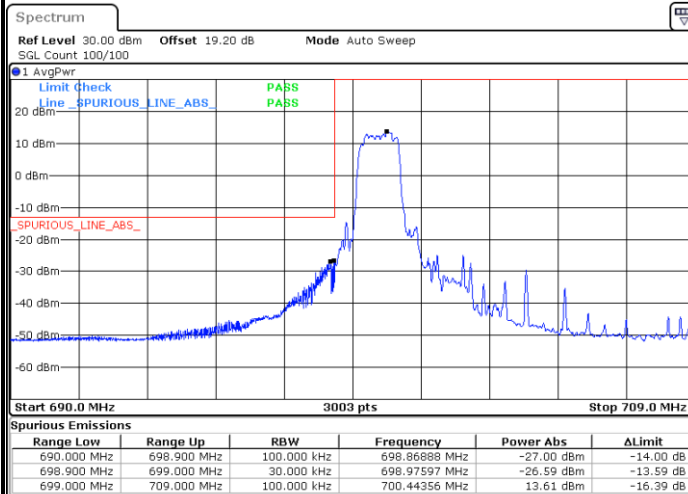
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



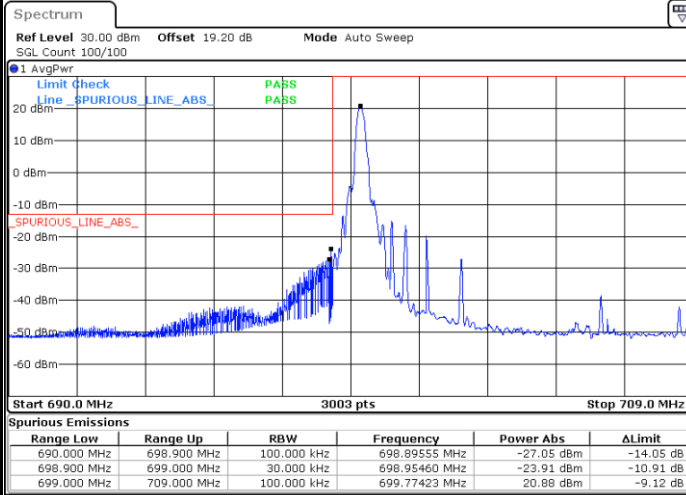
Highest Band Edge / Full RB



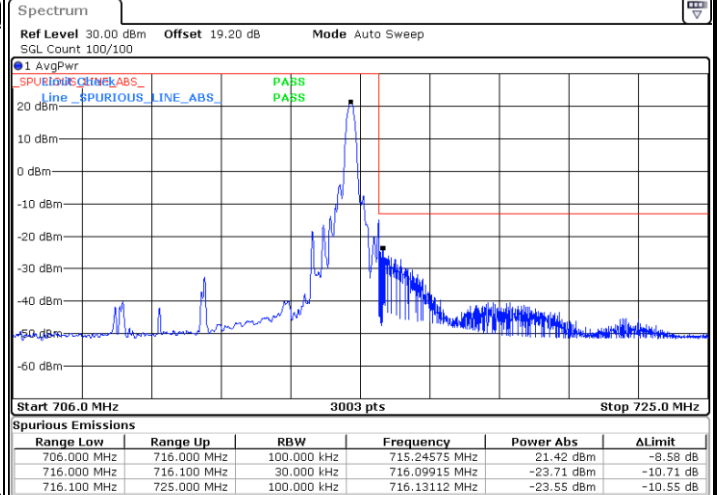


LTE Band 12 / 10MHz / 16QAM

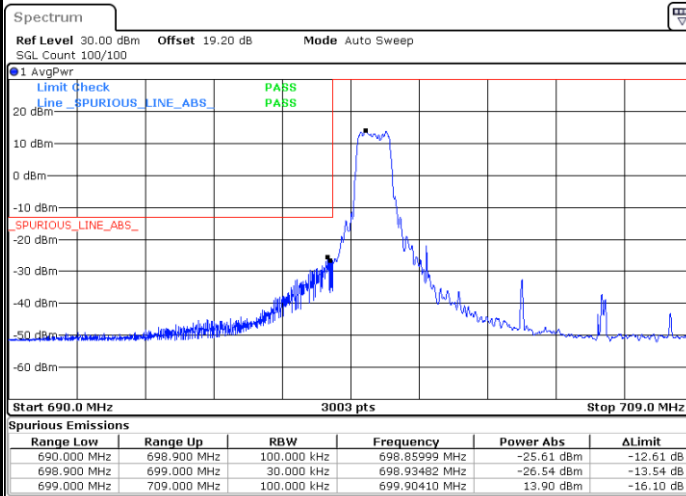
Lowest Band Edge / 1 RB



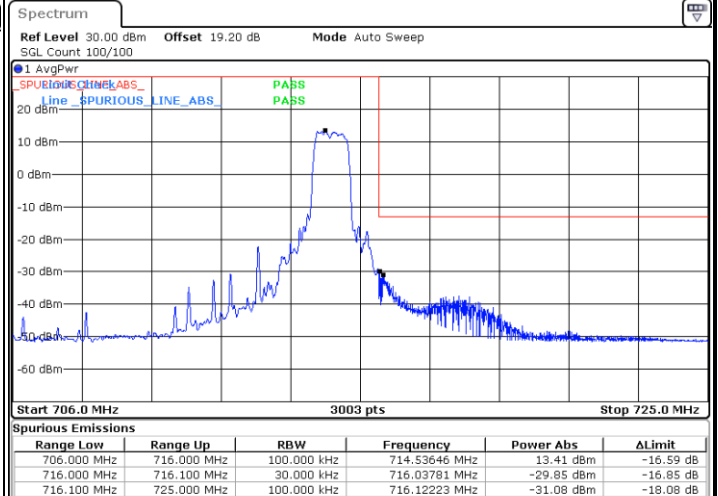
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

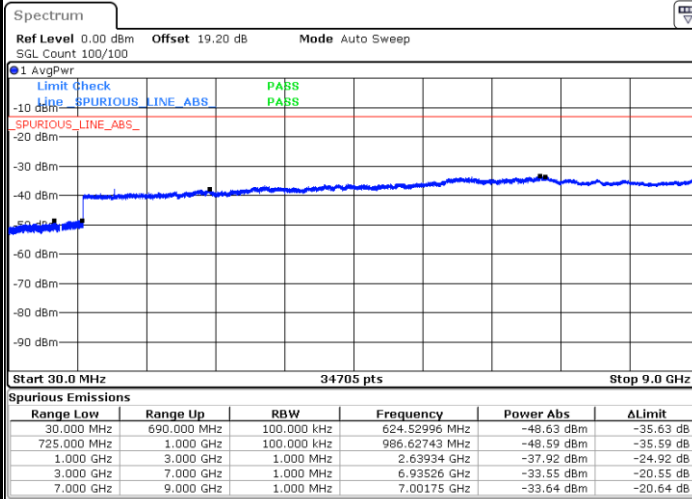




Conducted Spurious Emission

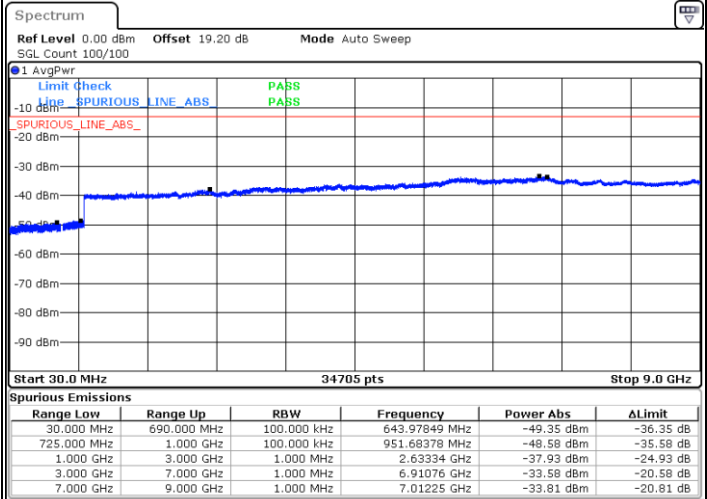
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



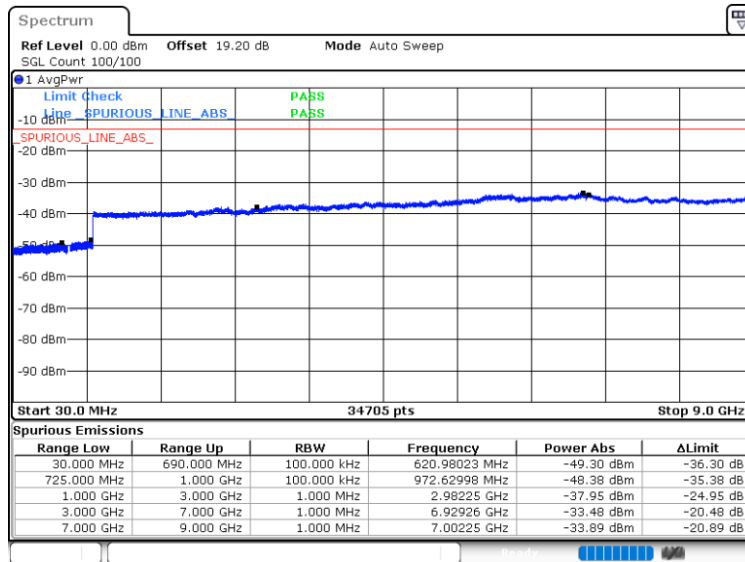
Date: 30.JUN.2025 16:54:30

Middle Channel / QPSK



Date: 1.JUL.2025 09:22:45

Highest Channel / QPSK

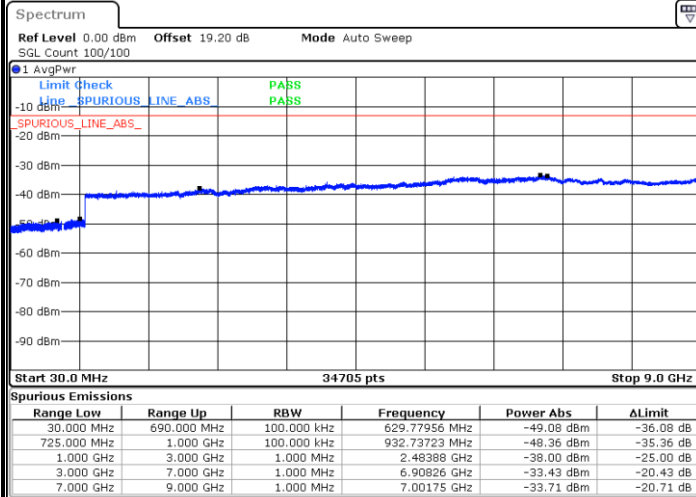


Date: 1.JUL.2025 09:24:40



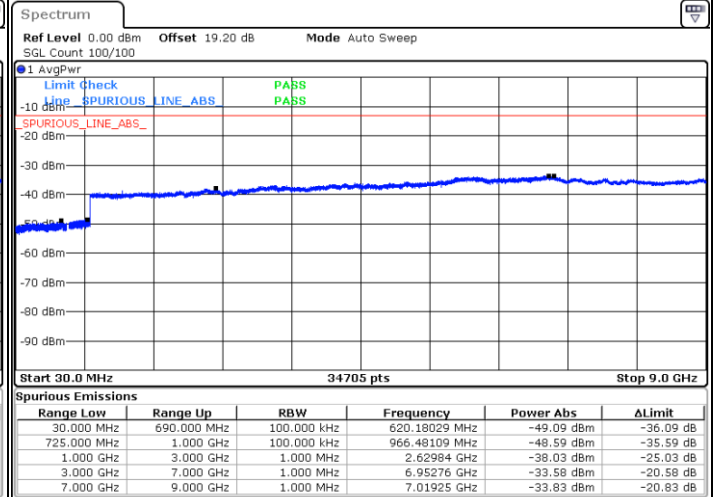
LTE Band 12 / 3MHz

Lowest Channel / QPSK



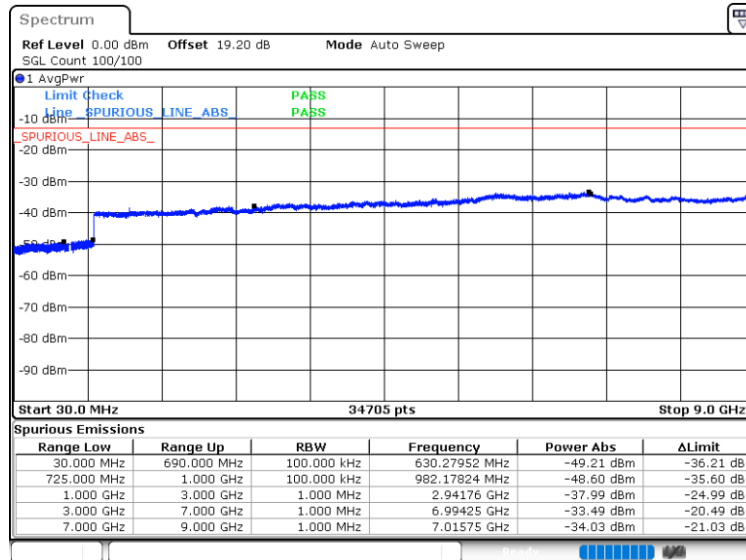
Date: 1.JUL.2025 09:32:59

Middle Channel / QPSK



Date: 1.JUL.2025 09:42:18

Highest Channel / QPSK

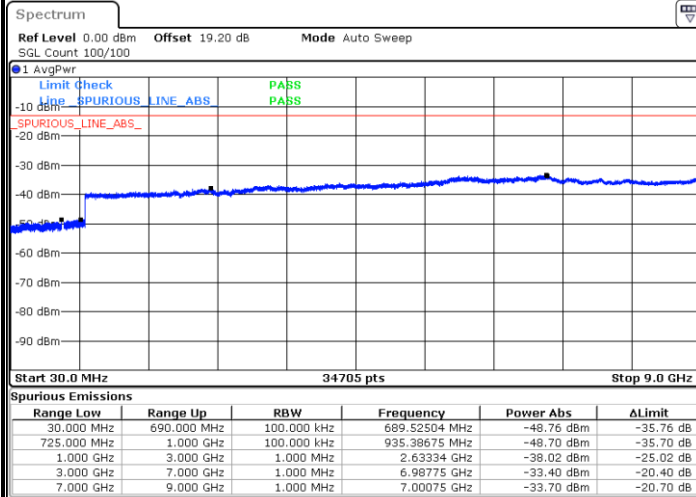


Date: 1.JUL.2025 09:43:31



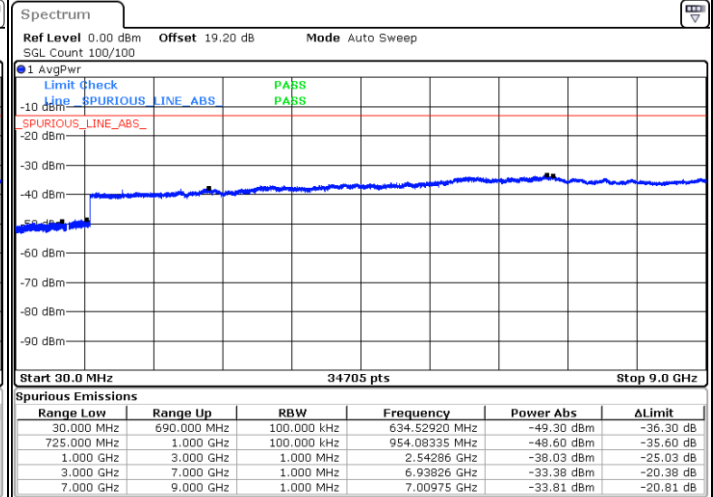
LTE Band 12 / 5MHz

Lowest Channel / QPSK



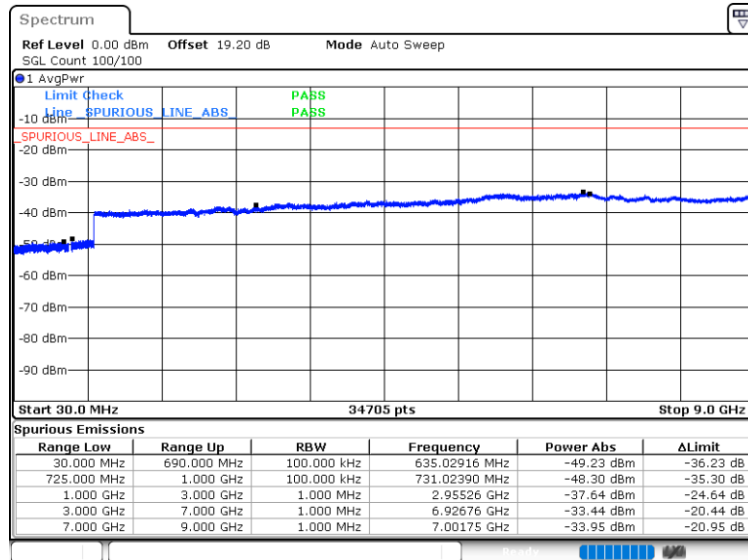
Date: 30.JUN.2025 16:48:16

Middle Channel / QPSK



Date: 1.JUL.2025 08:54:24

Highest Channel / QPSK



Date: 1.JUL.2025 08:55:38