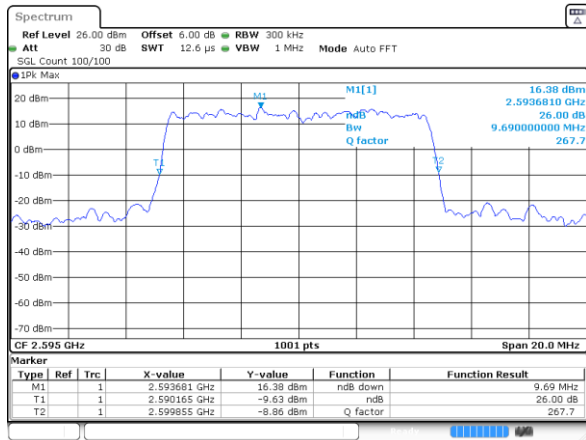




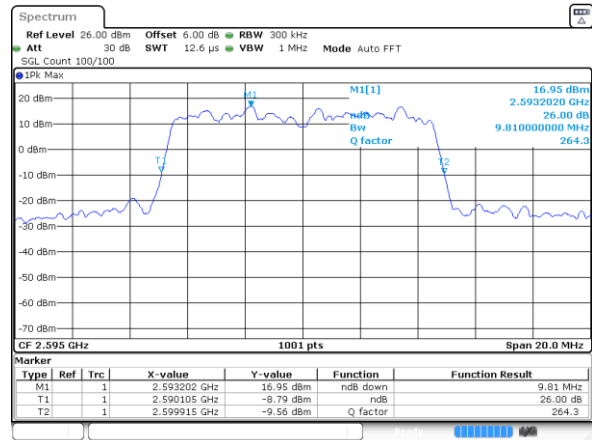
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 21 MAR 2025 05:56:58

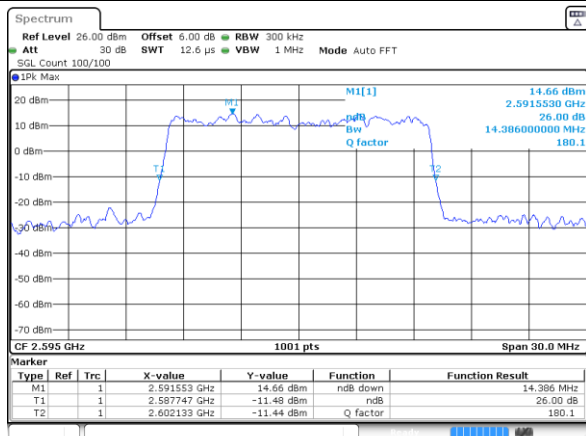
Middle Channel / 10MHz / 16QAM



Date: 21 MAR 2025 05:57:22

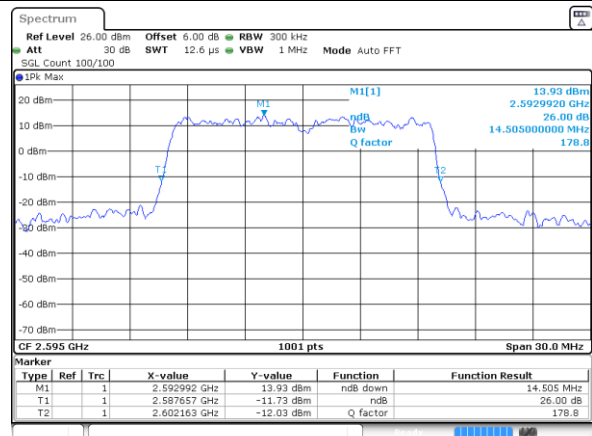
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 21 MAR 2025 07:58:35

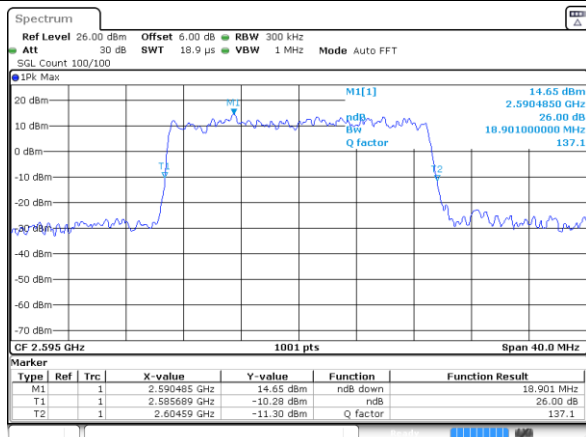
Middle Channel / 15MHz / 16QAM



Date: 21 MAR 2025 07:58:09

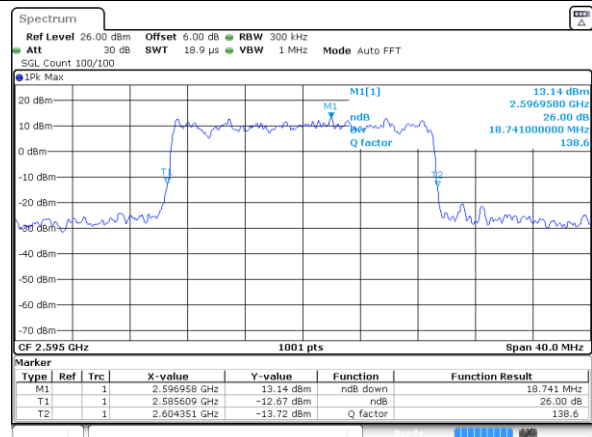
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 21 MAR 2025 07:52:21

Middle Channel / 20MHz / 16QAM

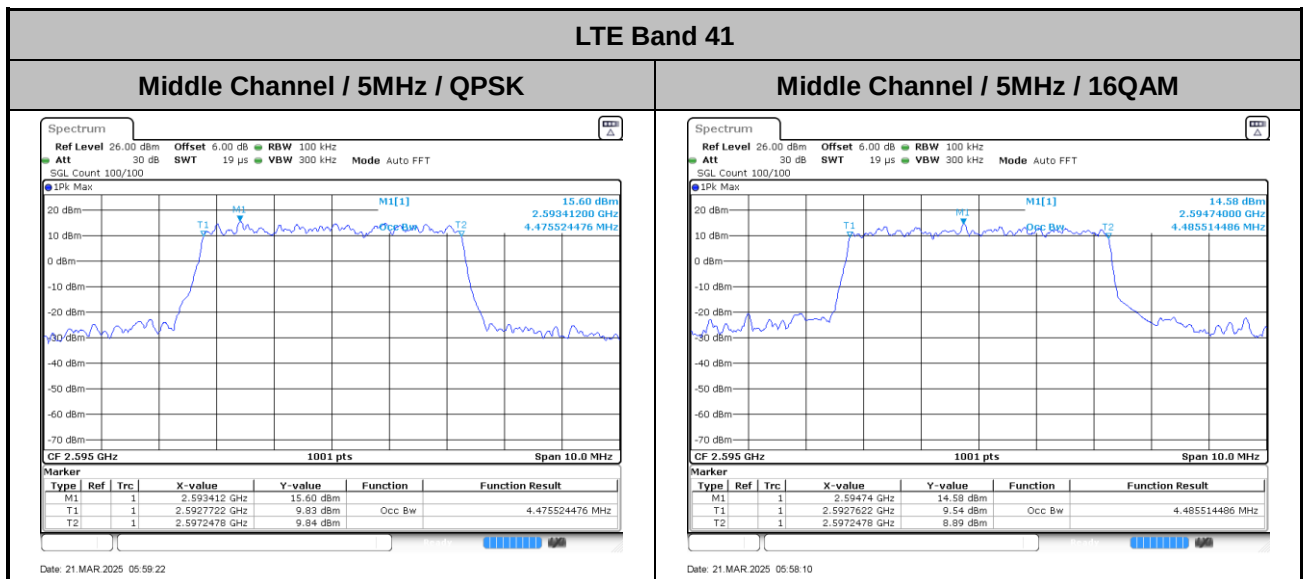


Date: 21 MAR 2025 07:52:47



Occupied Bandwidth

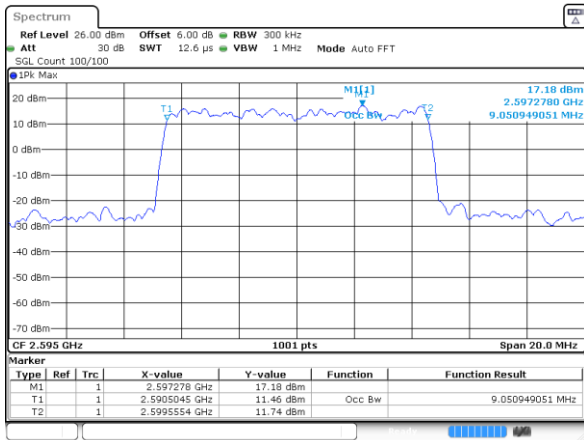
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.07
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.43
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86



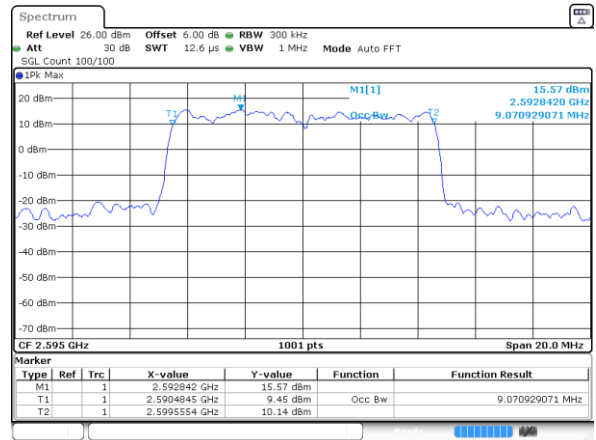


LTE Band 41

Middle Channel / 10MHz / QPSK

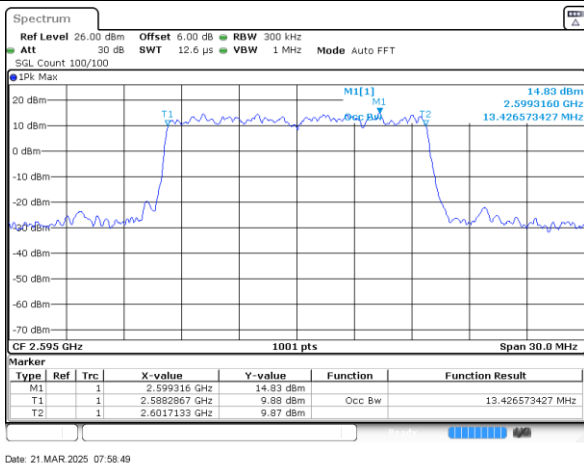


Middle Channel / 10MHz / 16QAM

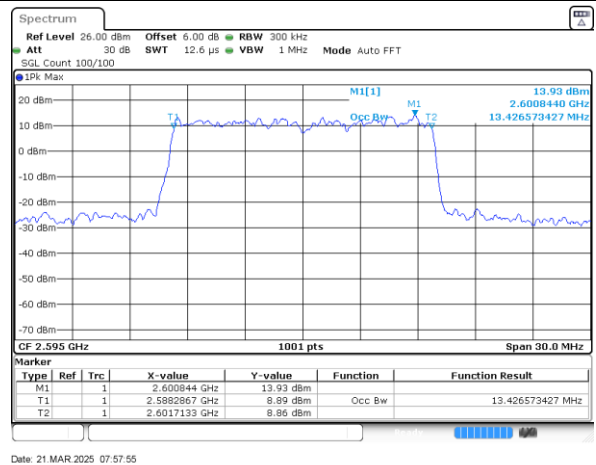


LTE Band 41

Middle Channel / 15MHz / QPSK

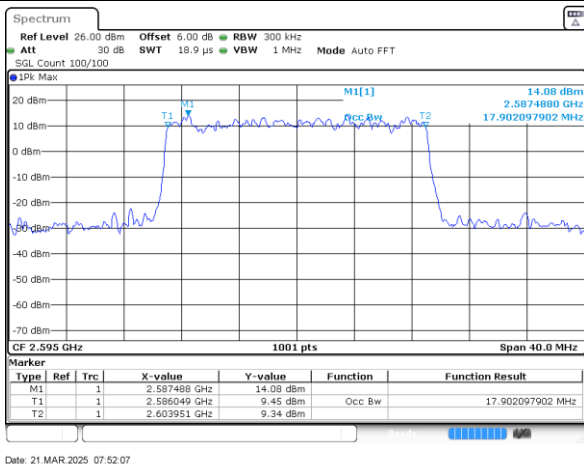


Middle Channel / 15MHz / 16QAM

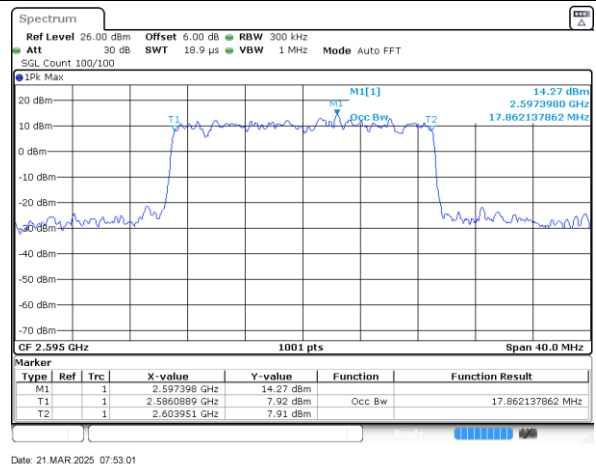


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

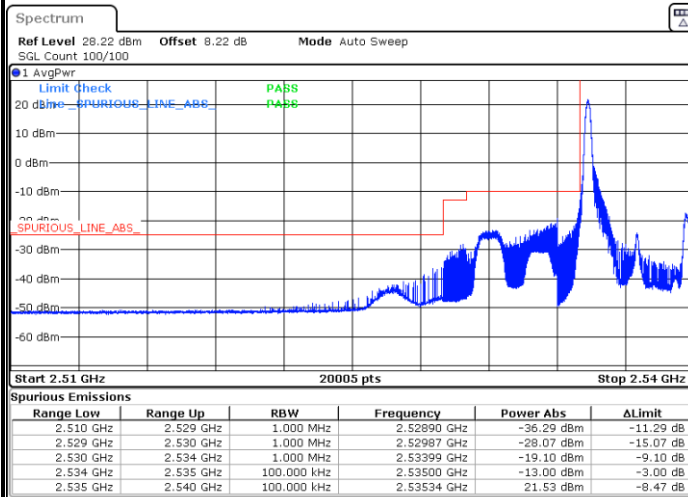




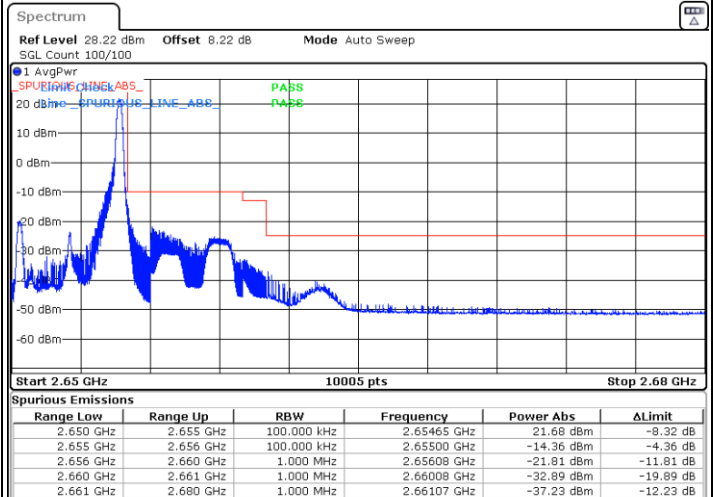
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

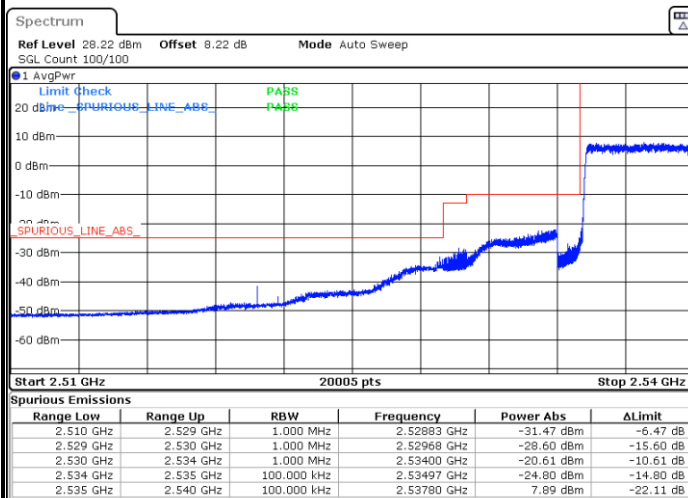
Lowest Band Edge / 1 RB



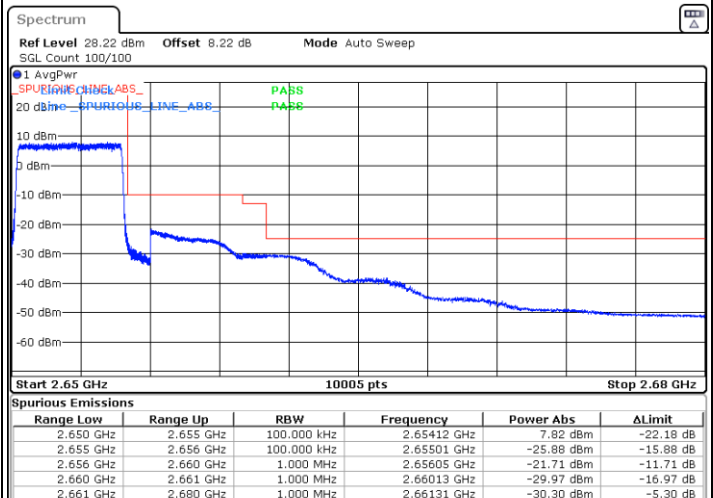
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



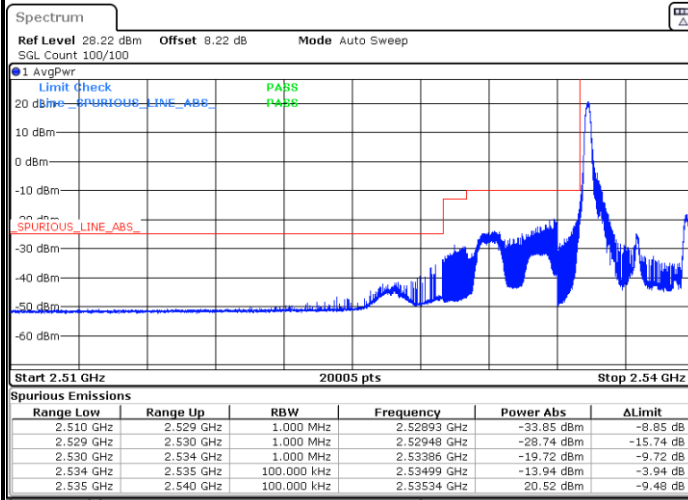
Highest Band Edge / Full RB



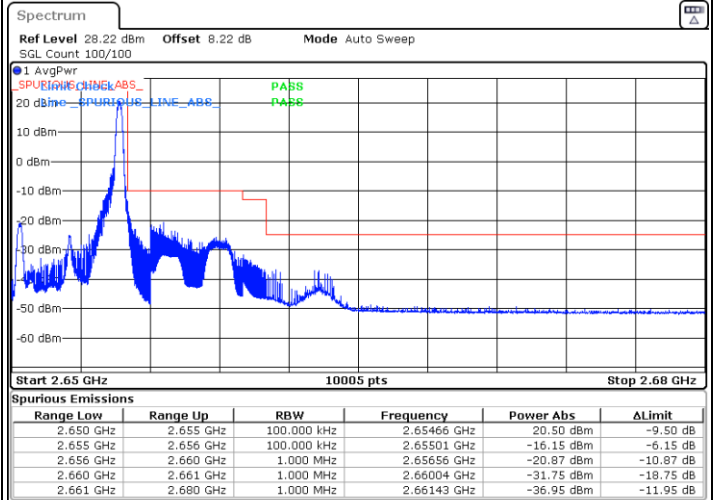


LTE Band 41 / 5MHz / 16QAM

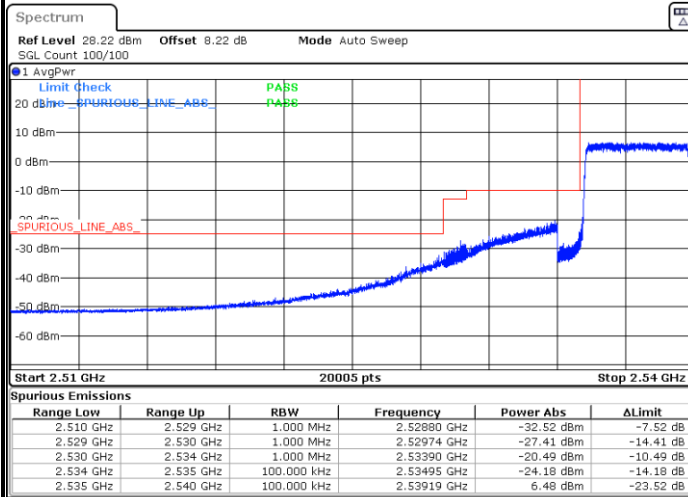
Lowest Band Edge / 1RB



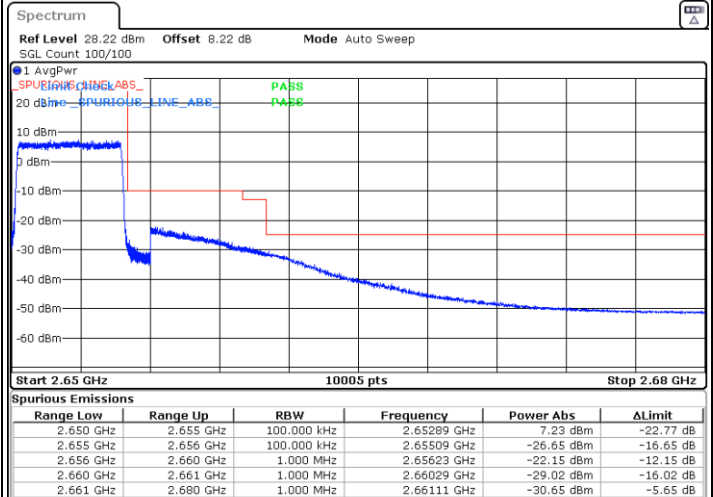
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



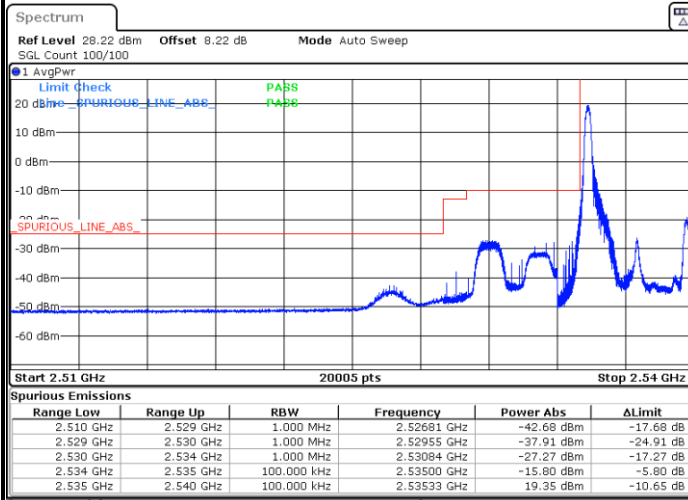
Highest Band Edge / Full RB



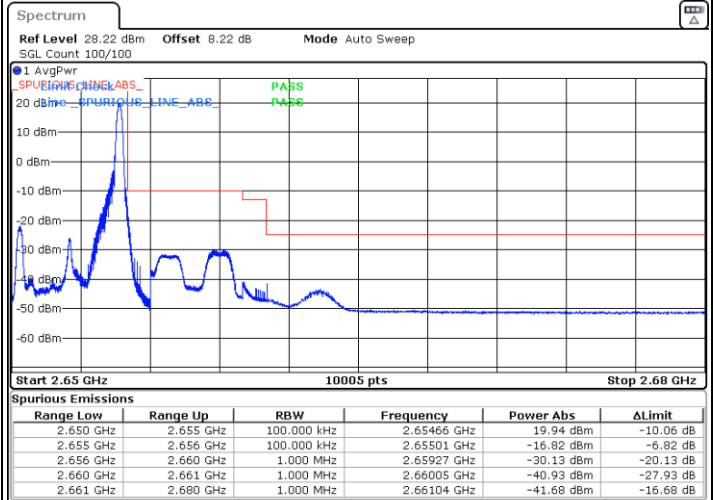


LTE Band 41 / 5MHz / 64QAM

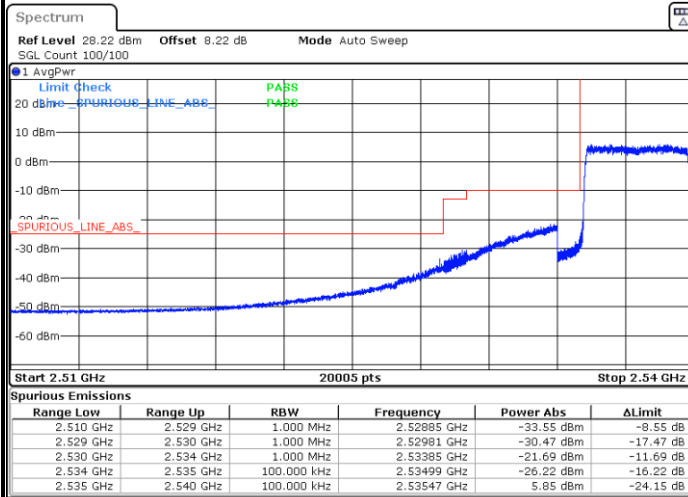
Lowest Band Edge / 1RB



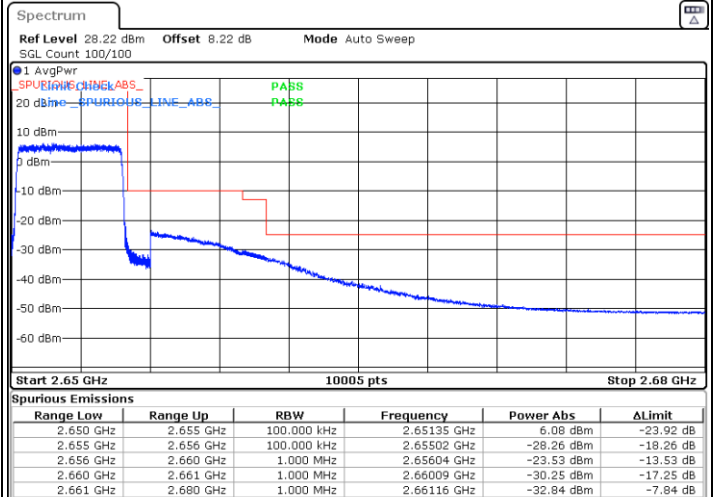
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



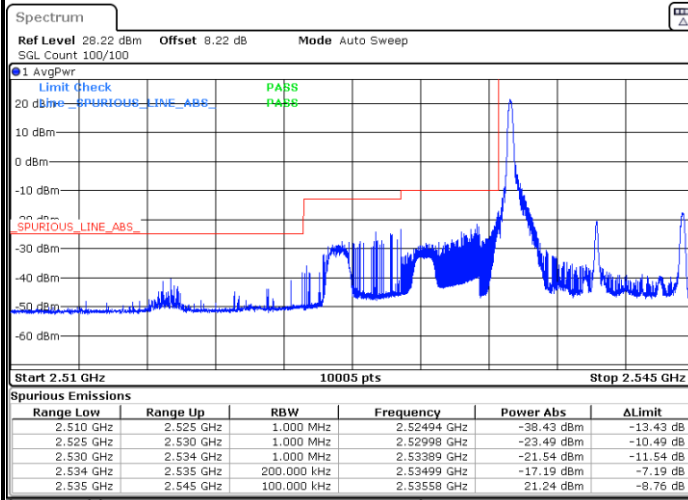
Highest Band Edge / Full RB





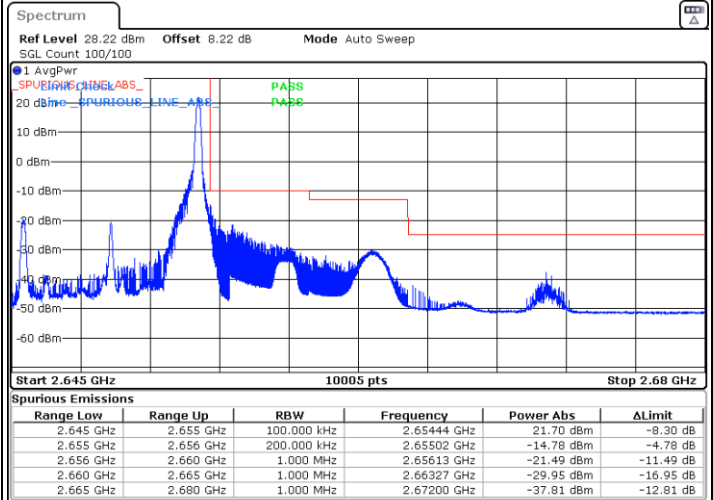
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



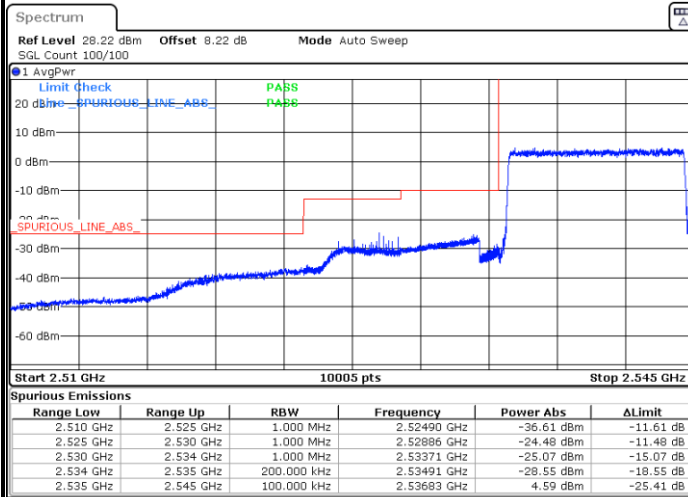
Date: 21.MAR.2025 07:07:15

Highest Band Edge / 1 RB



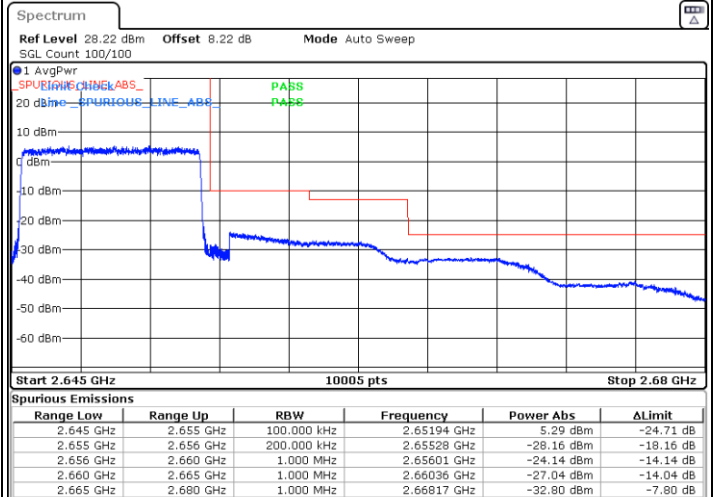
Date: 21.MAR.2025 07:20:31

Lowest Band Edge / Full RB



Date: 21.MAR.2025 07:13:26

Highest Band Edge / Full RB

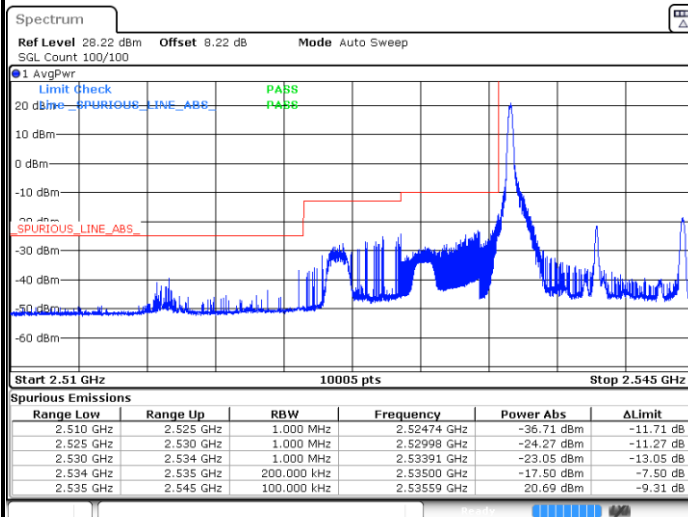


Date: 21.MAR.2025 07:14:37

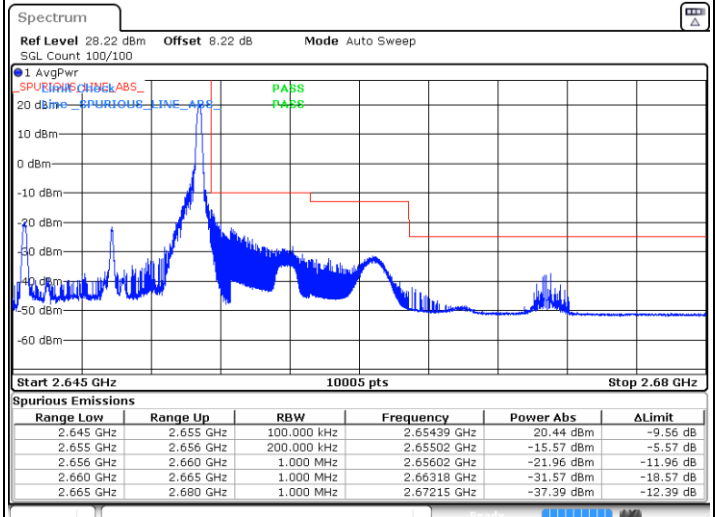


LTE Band 41 / 10MHz / 16QAM

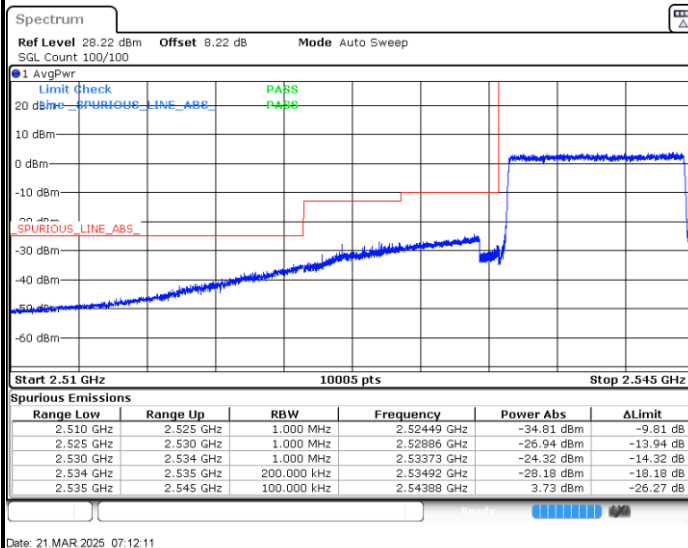
Lowest Band Edge / 1 RB



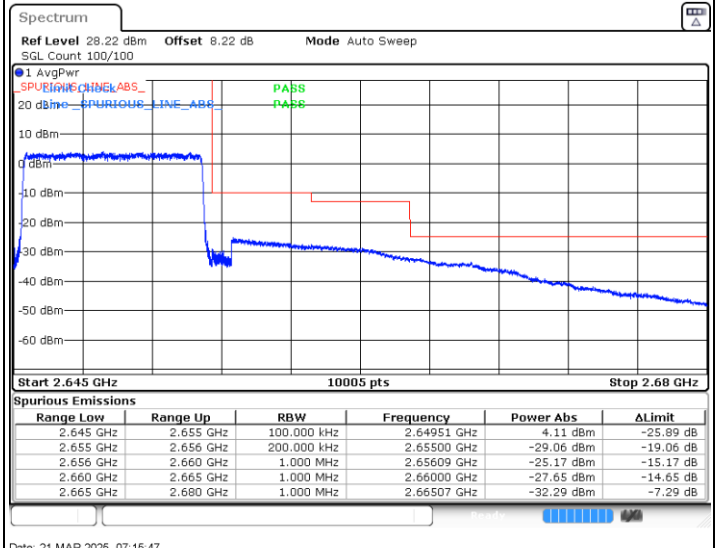
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



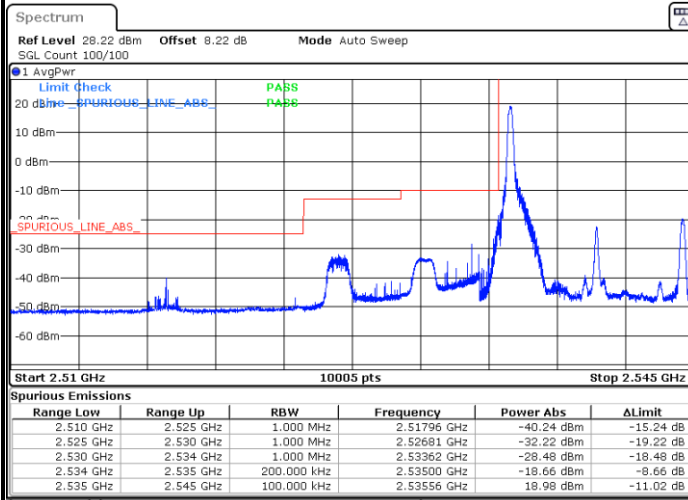
Highest Band Edge / Full RB



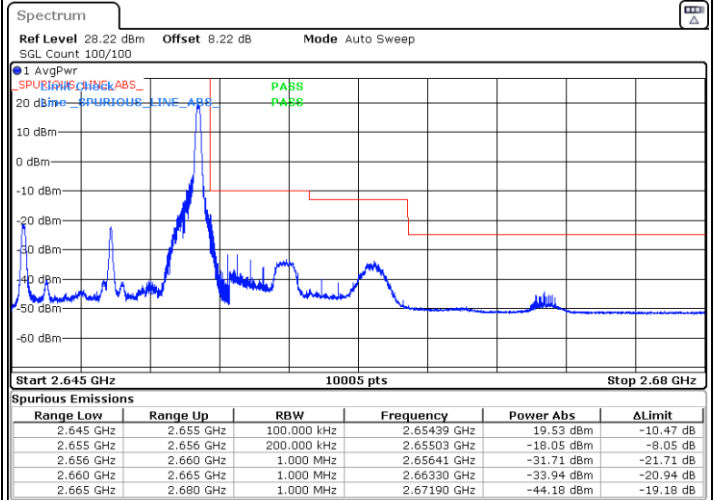


LTE Band 41 / 10MHz / 64QAM

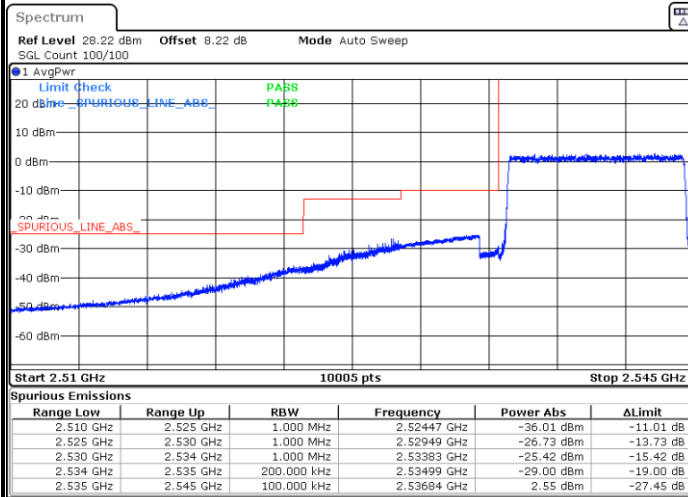
Lowest Band Edge / 1 RB



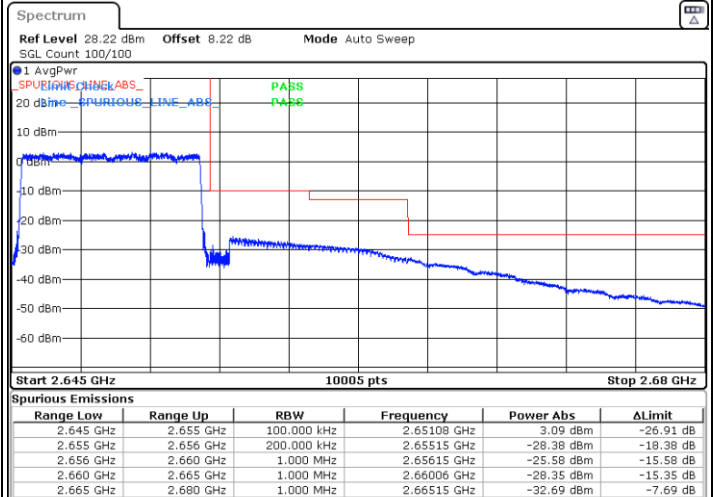
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



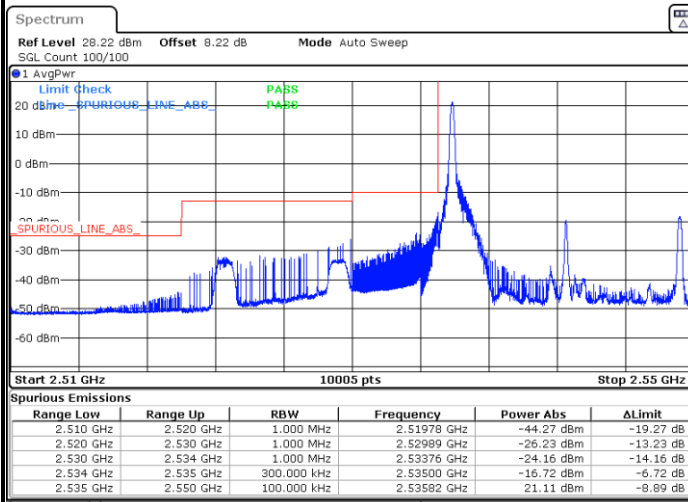
Highest Band Edge / Full RB



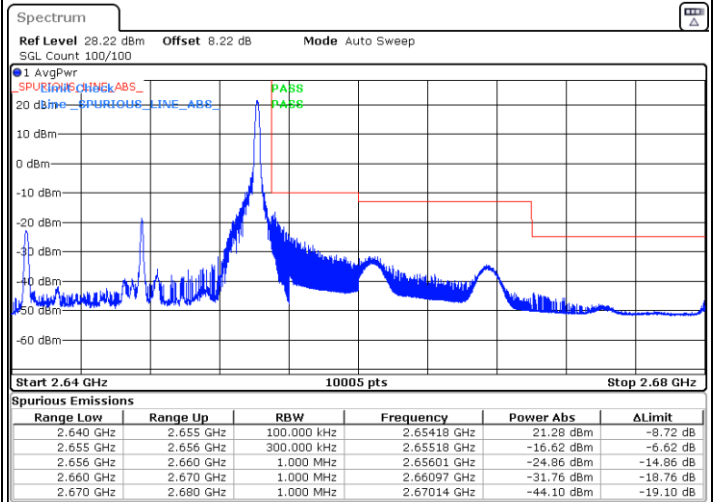


LTE Band 41 / 15MHz / QPSK

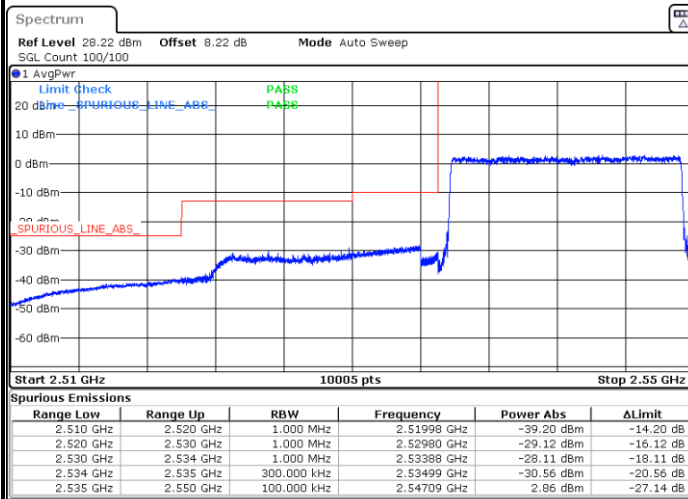
Lowest Band Edge / 1 RB



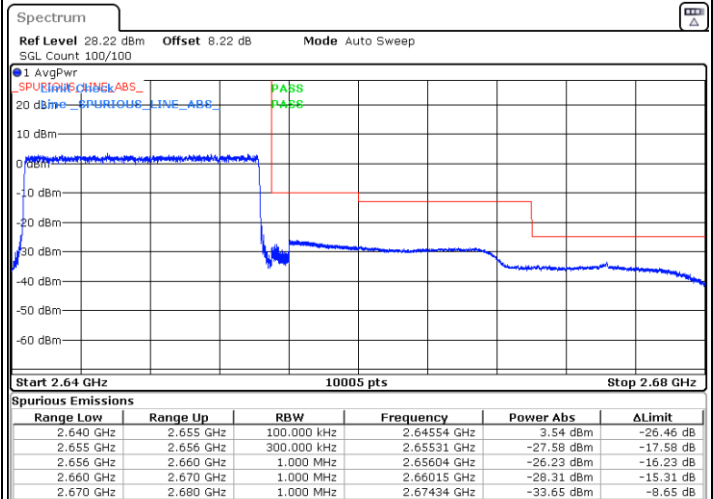
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



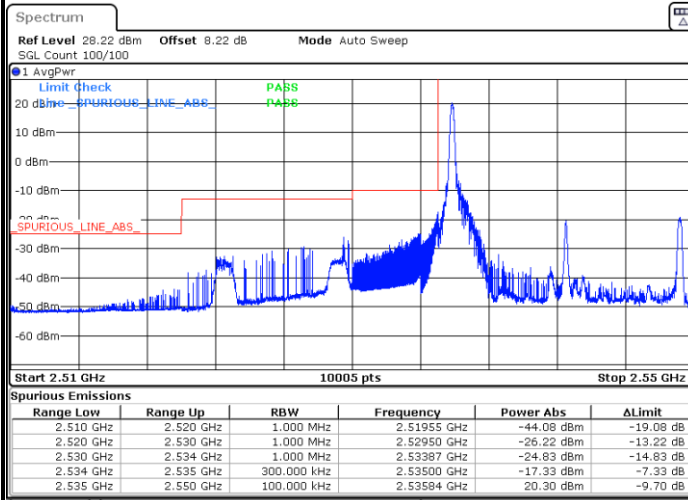
Highest Band Edge / Full RB



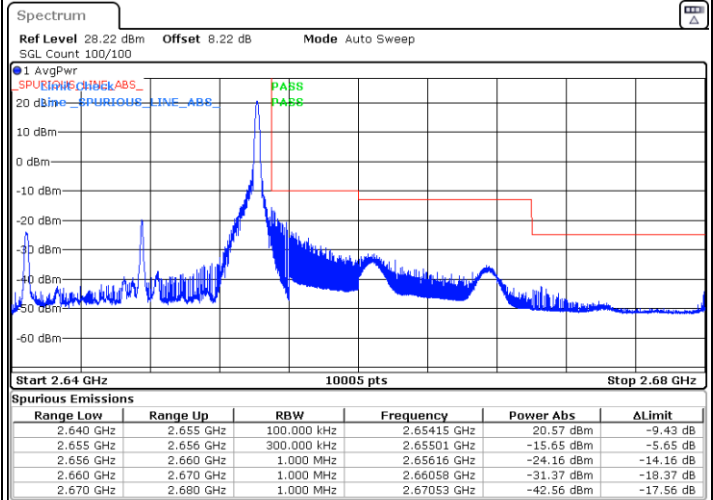


LTE Band 41 / 15MHz / 16QAM

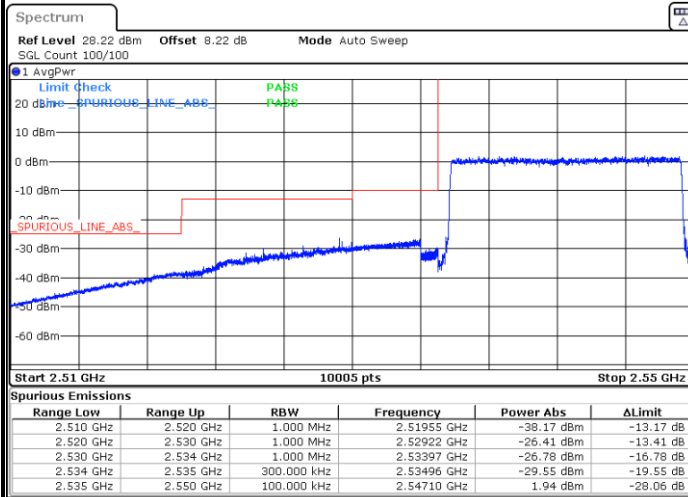
Lowest Band Edge / 1 RB



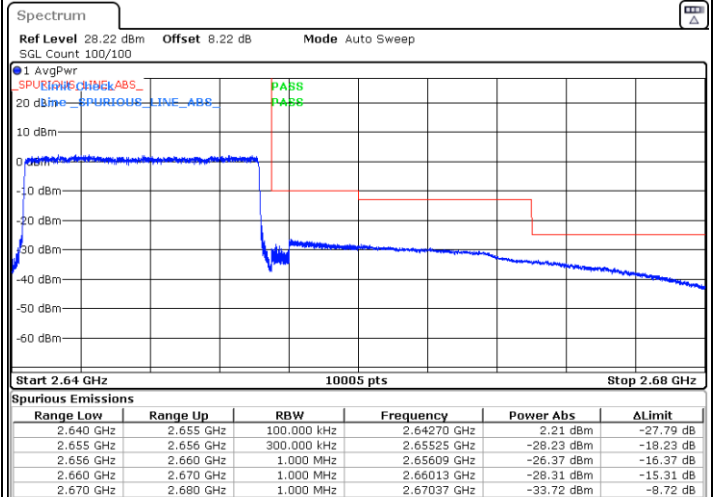
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



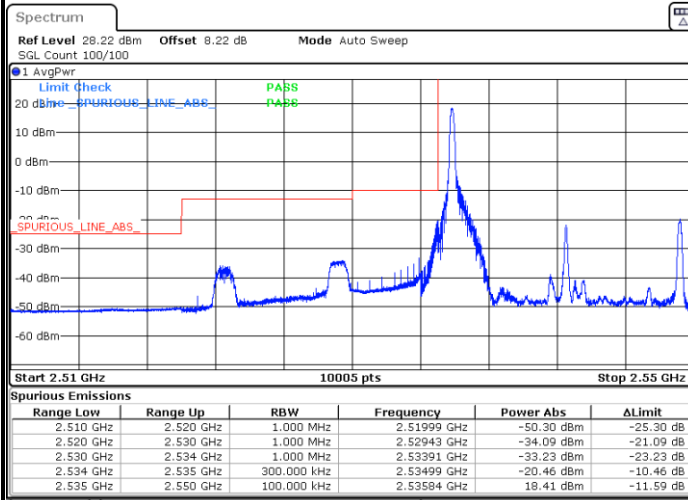
Highest Band Edge / Full RB



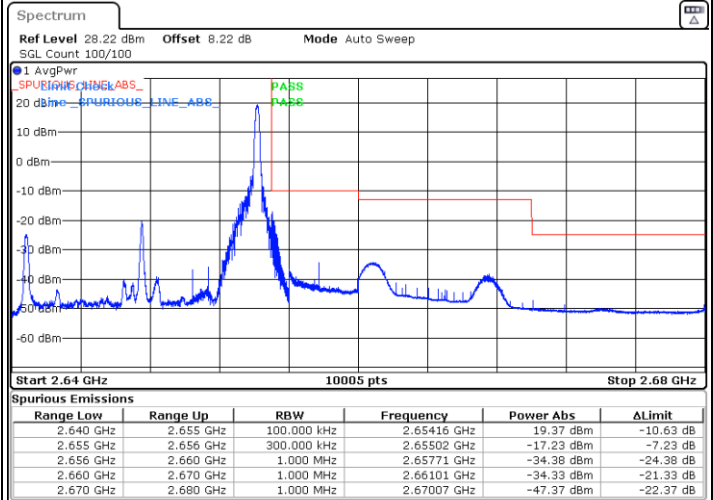


LTE Band 41 / 15MHz / 64QAM

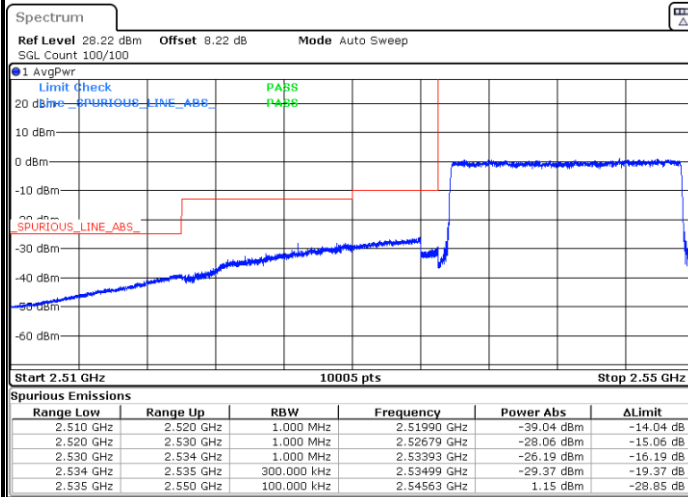
Lowest Band Edge / 1 RB



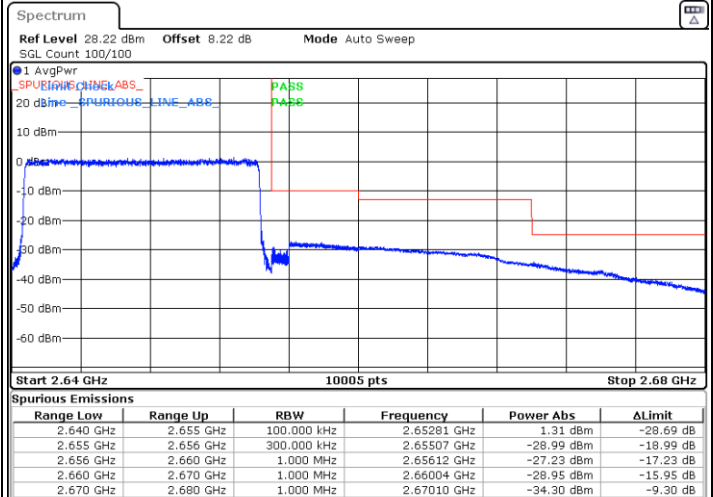
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



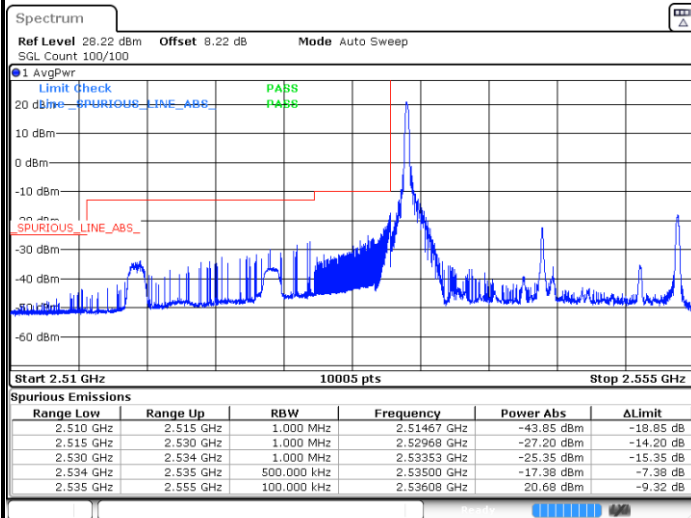
Highest Band Edge / Full RB



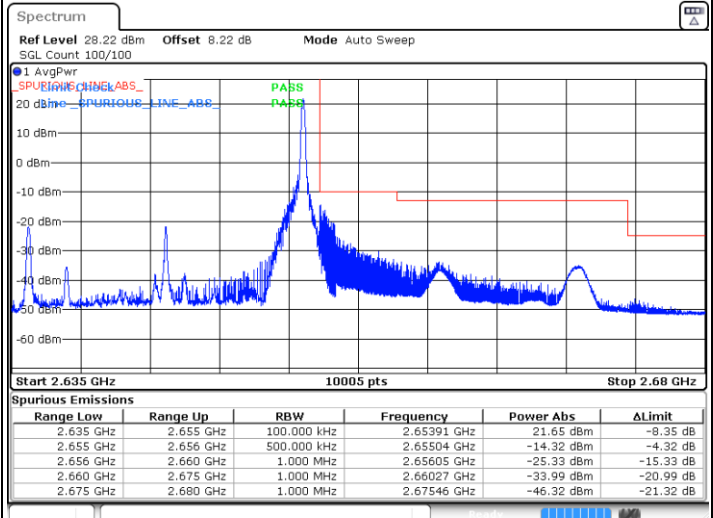


LTE Band 41 / 20MHz / QPSK

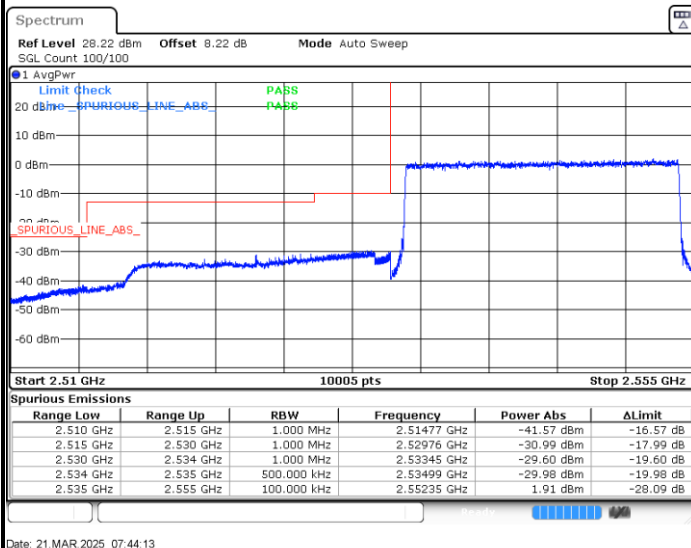
Lowest Band Edge / 1 RB



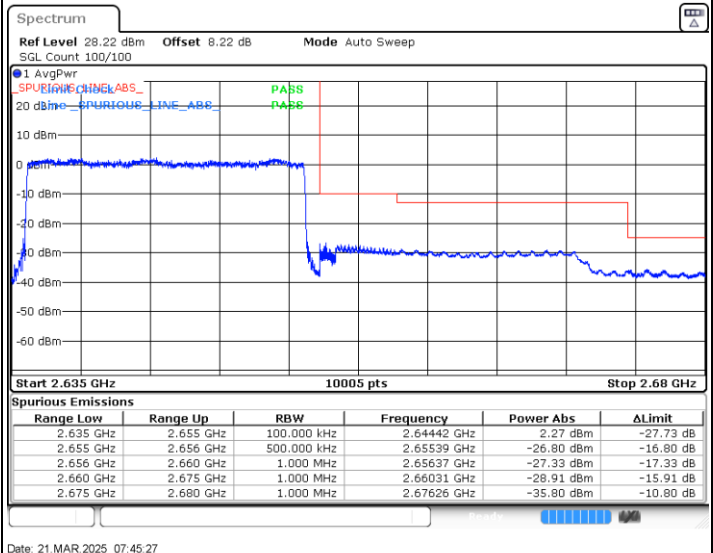
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



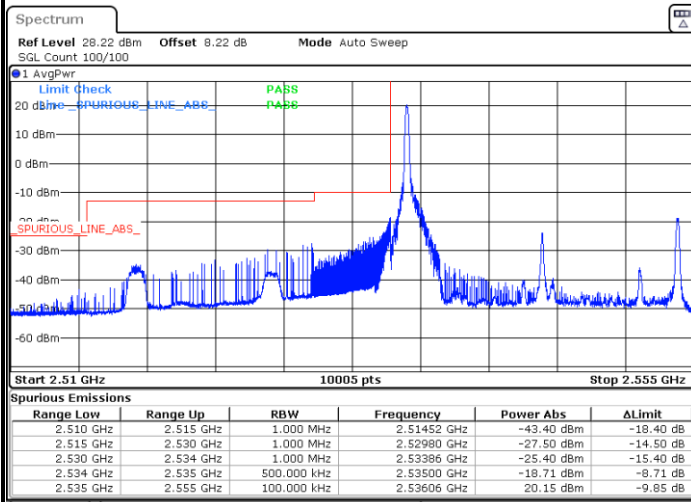
Highest Band Edge / Full RB



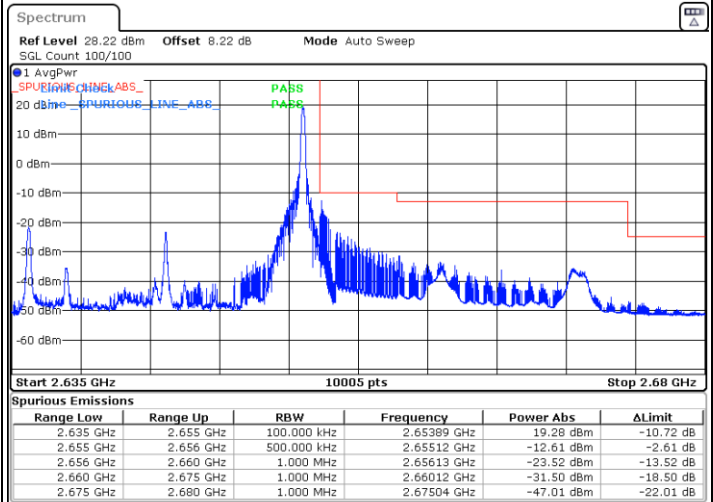


LTE Band 41 / 20MHz / 16QAM

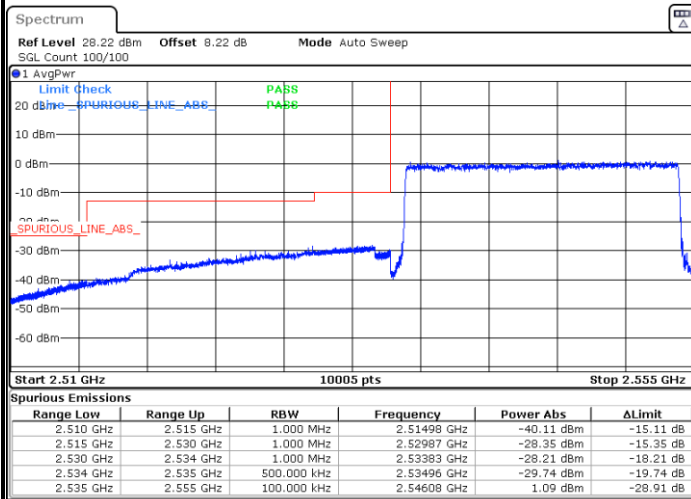
Lowest Band Edge / 1 RB



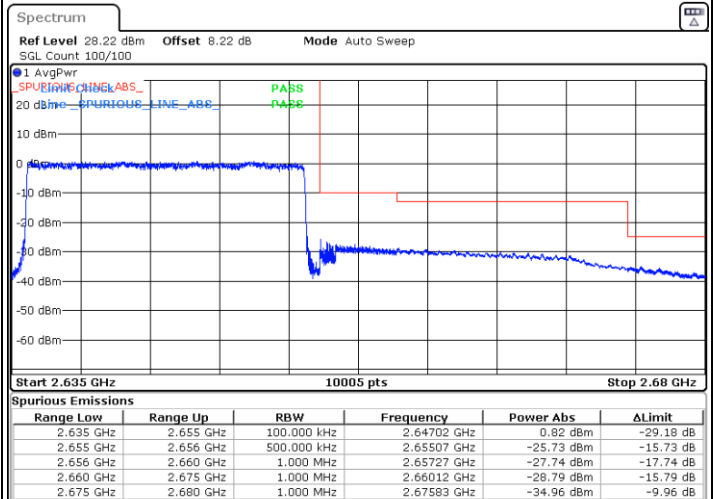
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



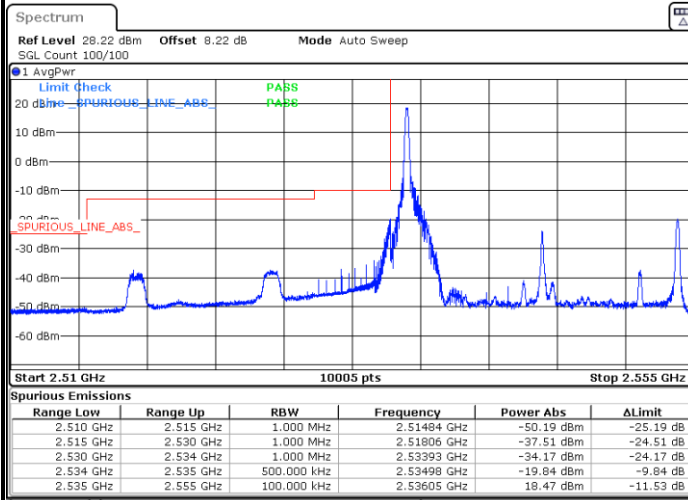
Highest Band Edge / Full RB



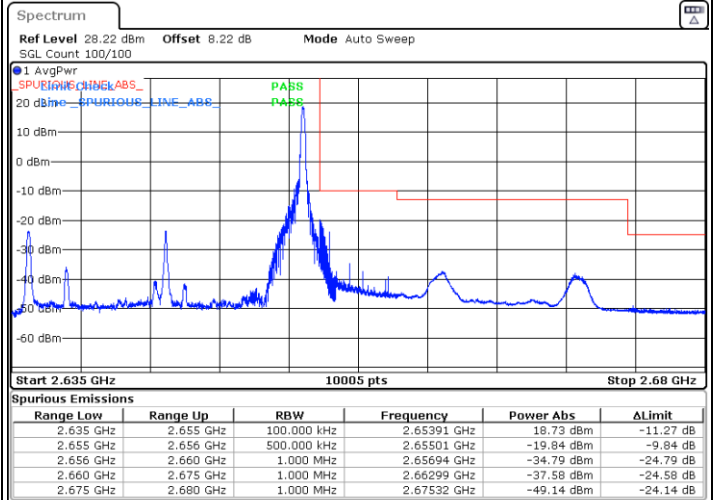


LTE Band 41 / 20MHz / 64QAM

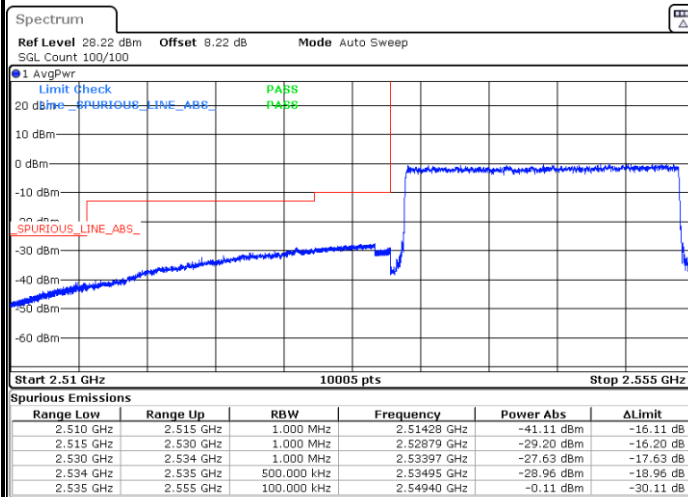
Lowest Band Edge / 1 RB



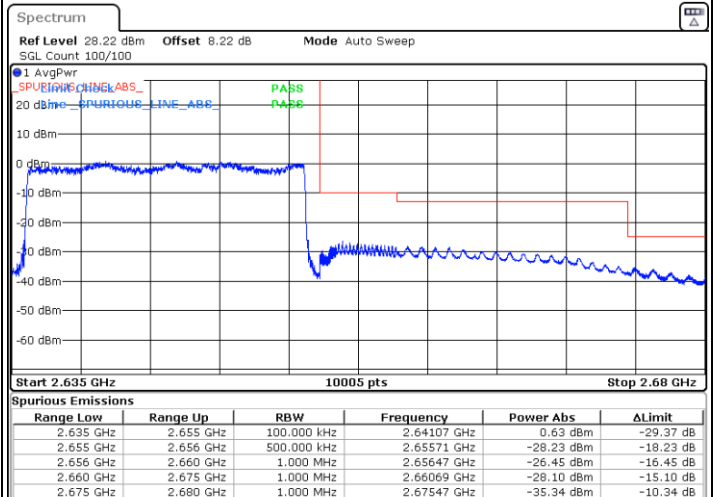
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



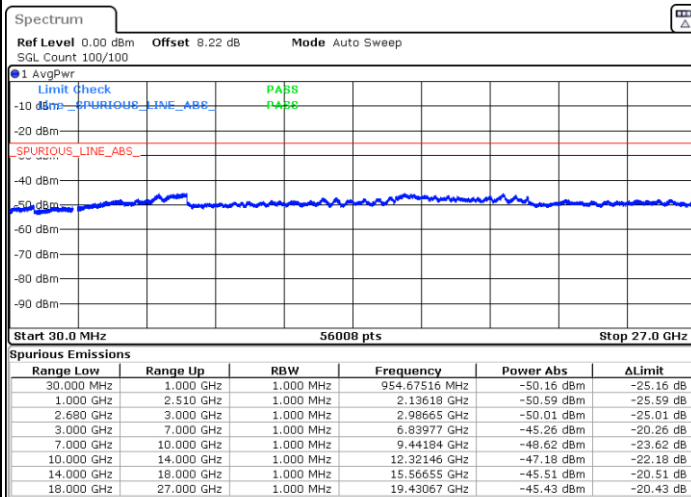


Conducted Spurious Emission

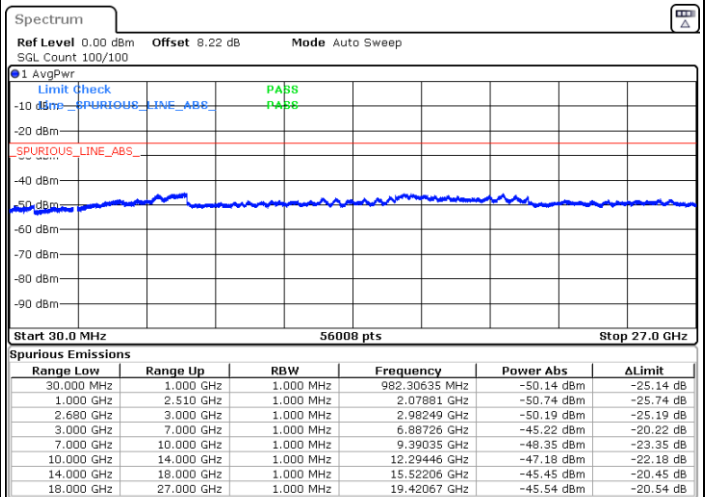
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

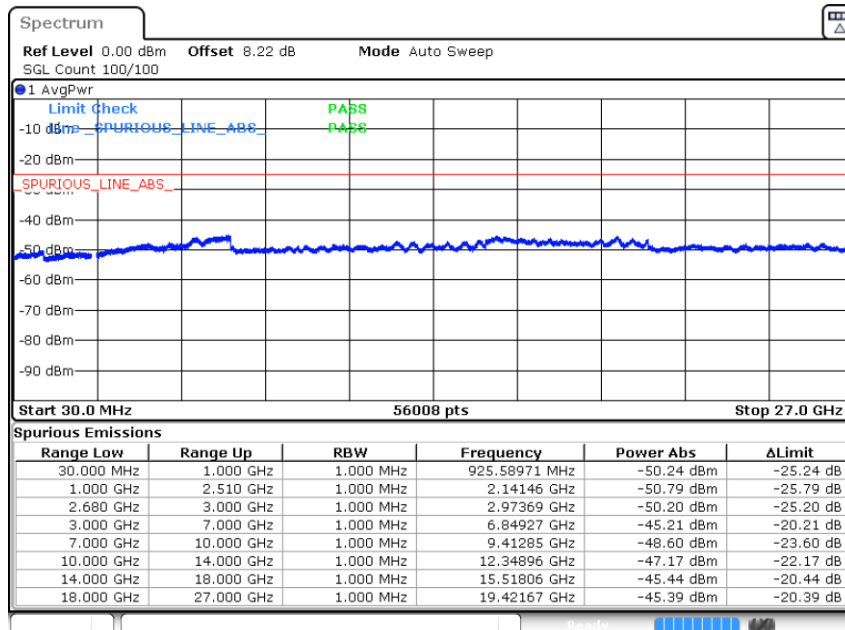


Date: 21.MAR.2025 08:09:27



Date: 21.MAR.2025 08:10:57

Highest Channel / QPSK

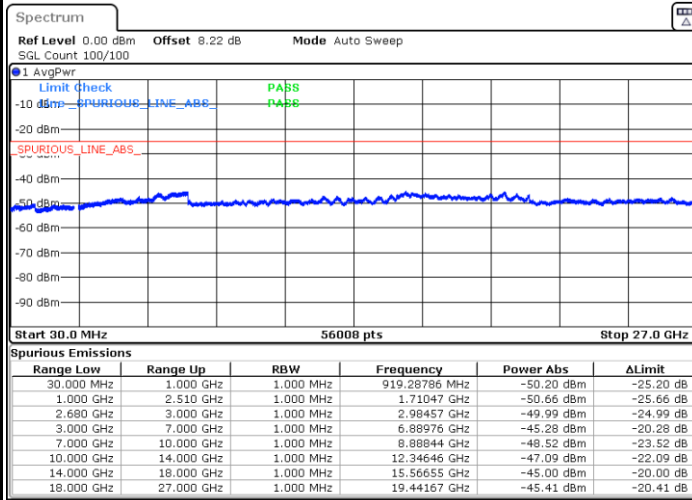


Date: 21.MAR.2025 08:12:27



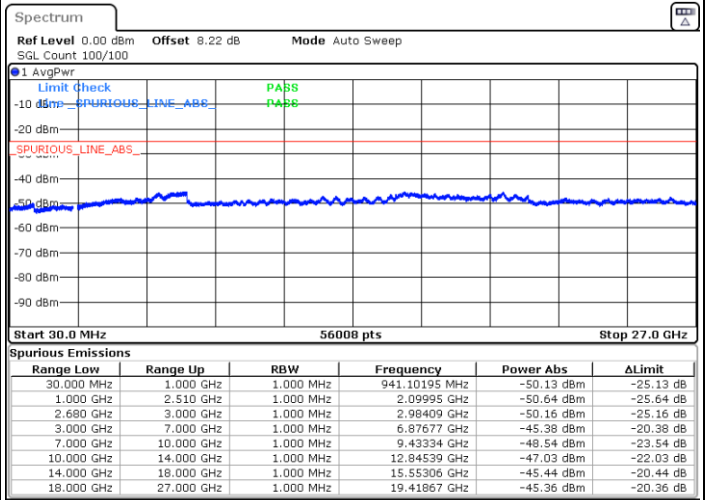
LTE Band 41 / 10MHz

Lowest Channel / QPSK



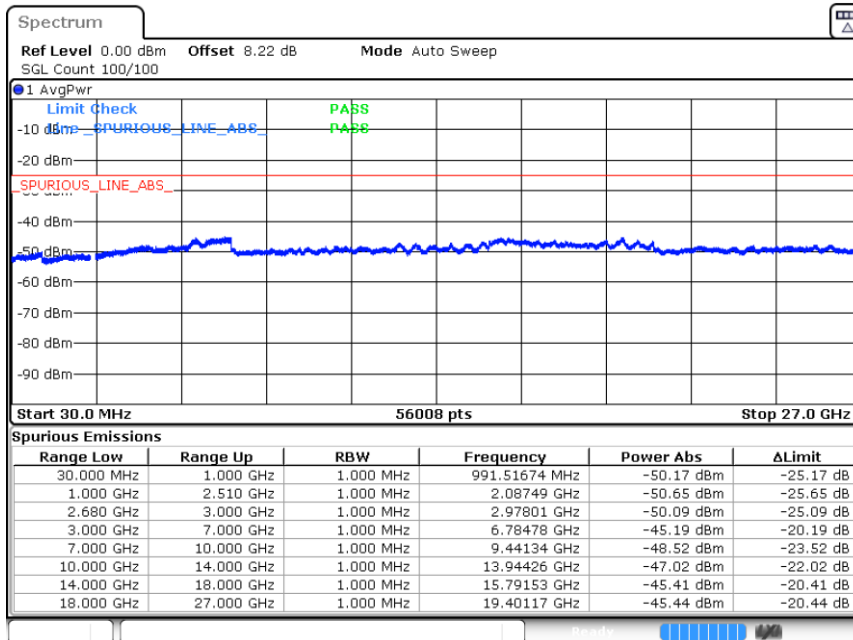
Date: 21.MAR.2025 08:14:40

Middle Channel / QPSK



Date: 21.MAR.2025 08:16:10

Highest Channel / QPSK

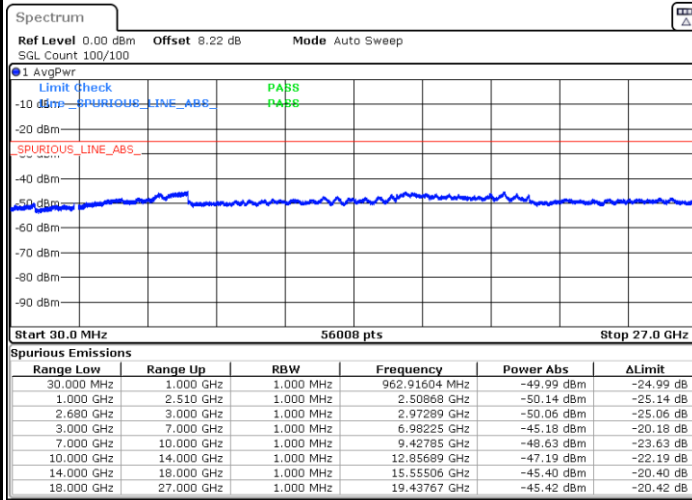


Date: 21.MAR.2025 08:17:40



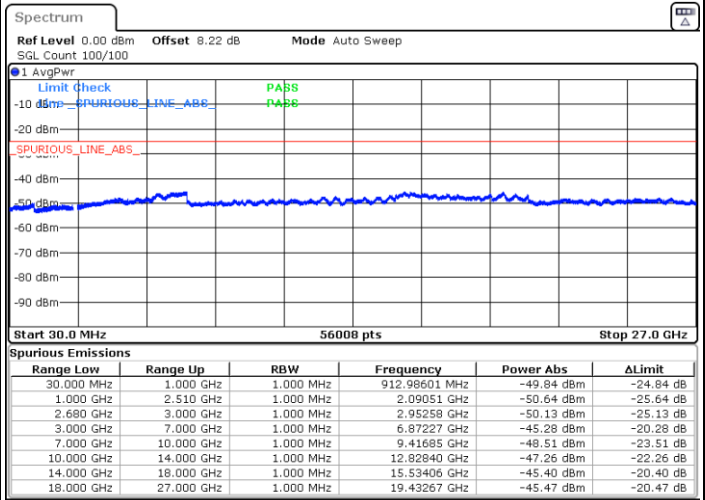
LTE Band 41 / 15MHz

Lowest Channel / QPSK



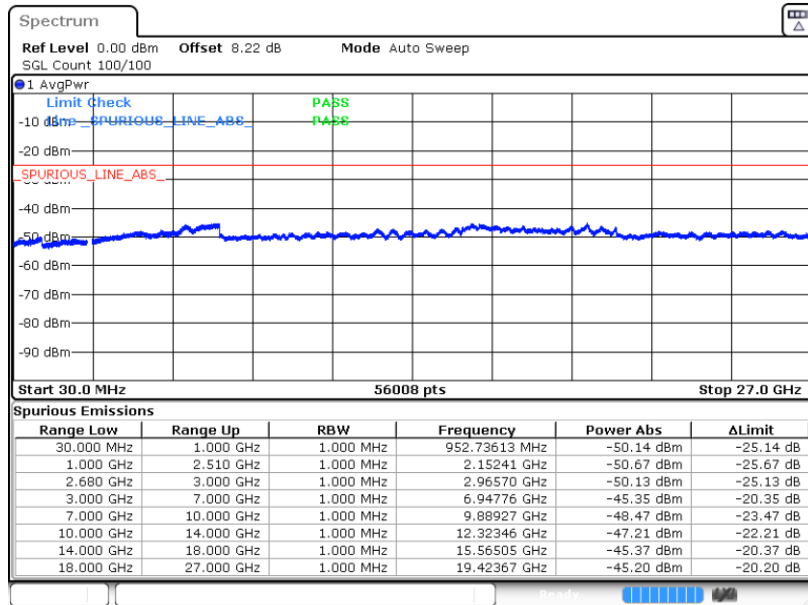
Date: 21.MAR.2025 08:19:53

Middle Channel / QPSK



Date: 21.MAR.2025 08:21:23

Highest Channel / QPSK

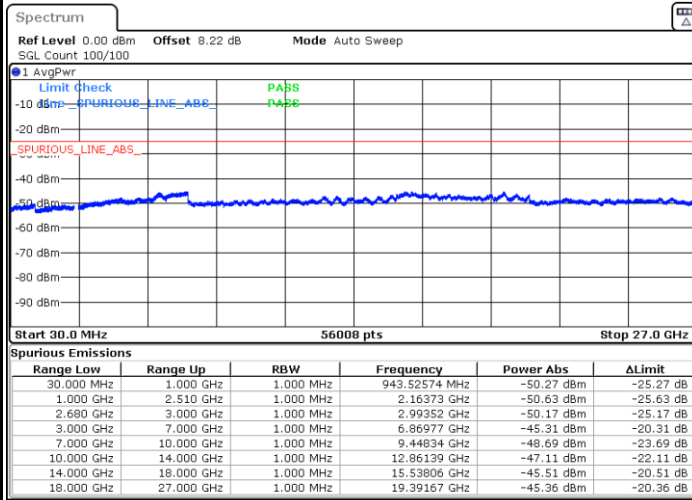


Date: 21.MAR.2025 08:22:53



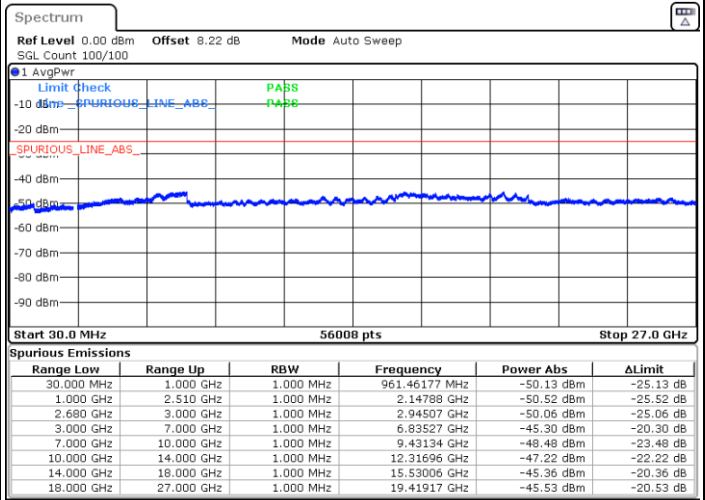
LTE Band 41 / 20MHz

Lowest Channel / QPSK



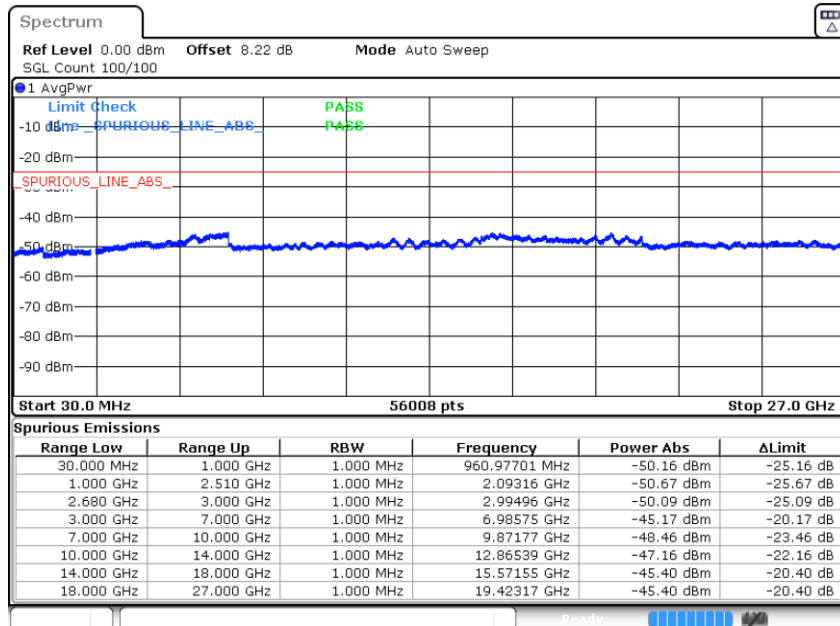
Date: 21.MAR.2025 08:25:06

Middle Channel / QPSK



Date: 21.MAR.2025 08:26:36

Highest Channel / QPSK



Date: 21.MAR.2025 08:28:06

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0018	

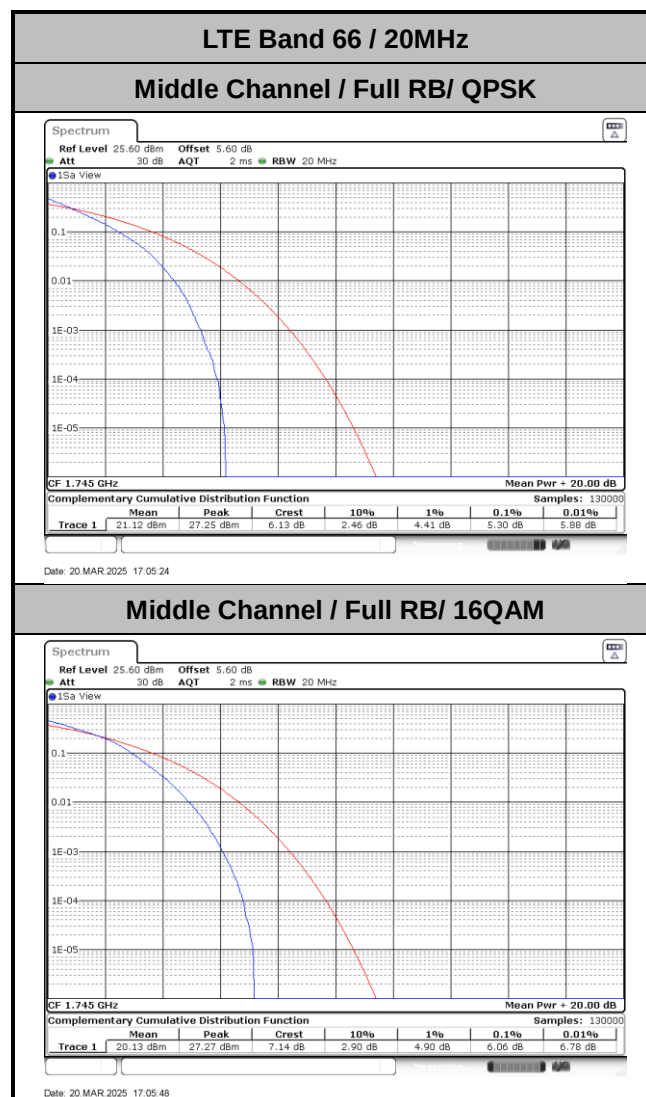
Note:

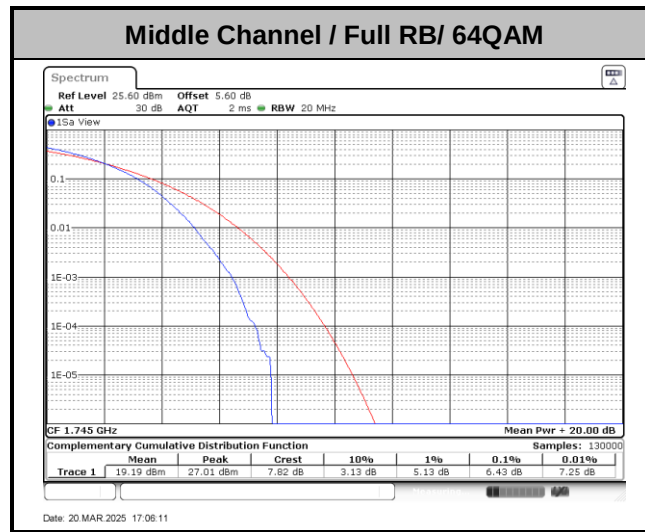
1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 66

Peak-to-Average Ratio

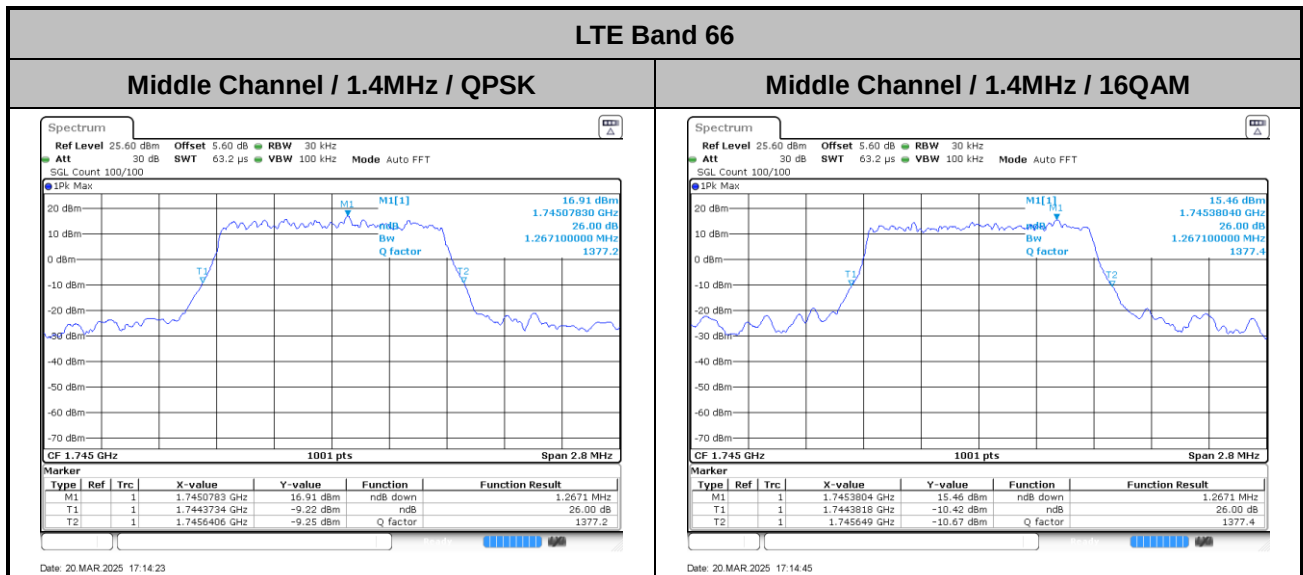
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.3	6.06	6.43	PASS





**26dB Bandwidth**

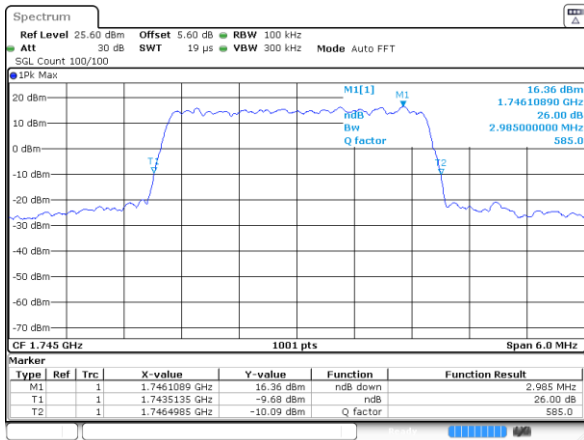
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.27	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	2.99
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.00	5.07
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	10.17
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.18	14.93
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.78	19.30



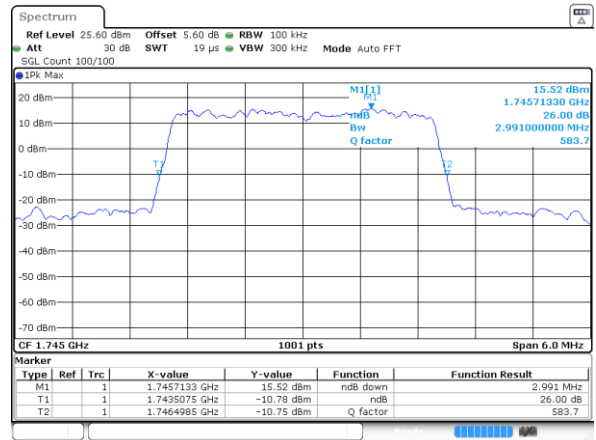


LTE Band 66

Middle Channel / 3MHz / QPSK

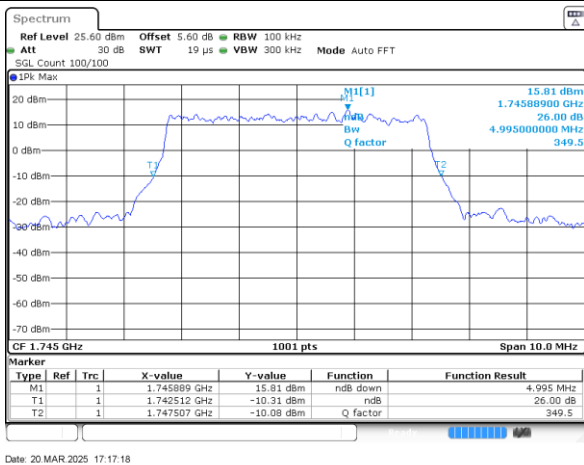


Middle Channel / 3MHz / 16QAM

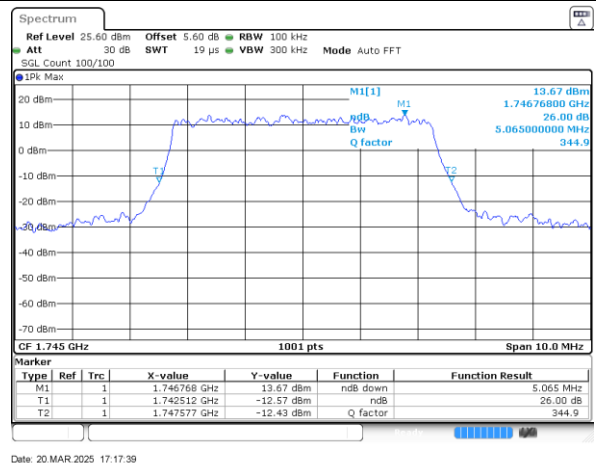


LTE Band 66

Middle Channel / 5MHz / QPSK

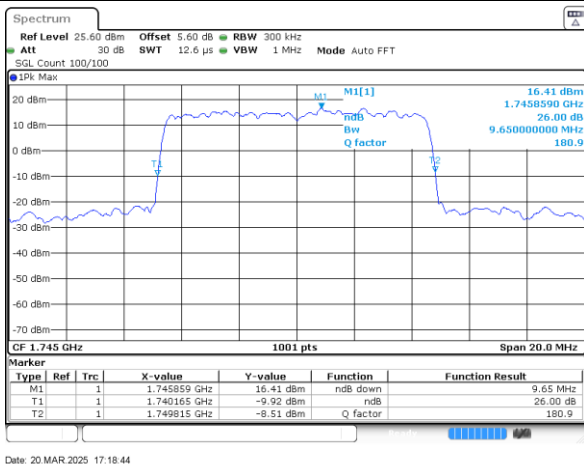


Middle Channel / 5MHz / 16QAM

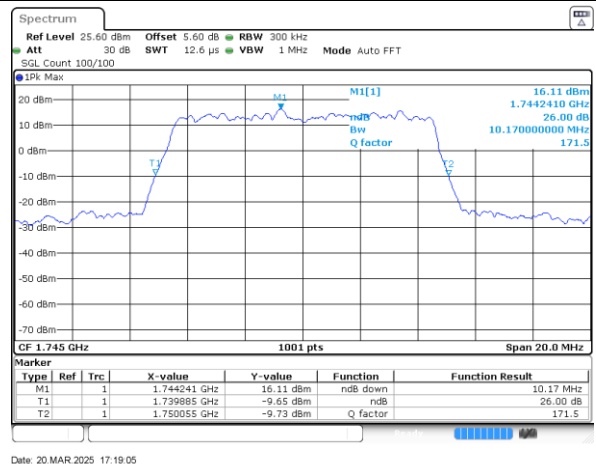


LTE Band 66

Middle Channel / 10MHz / QPSK



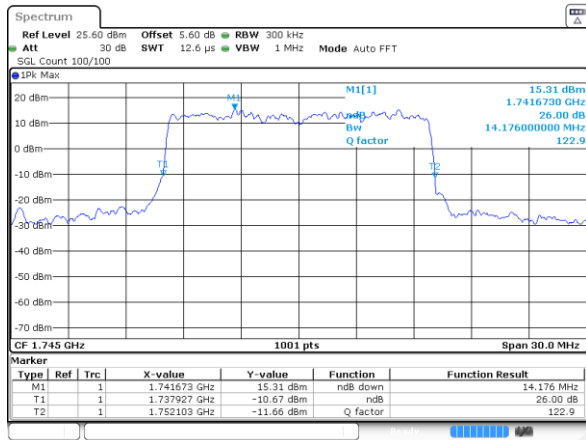
Middle Channel / 10MHz / 16QAM





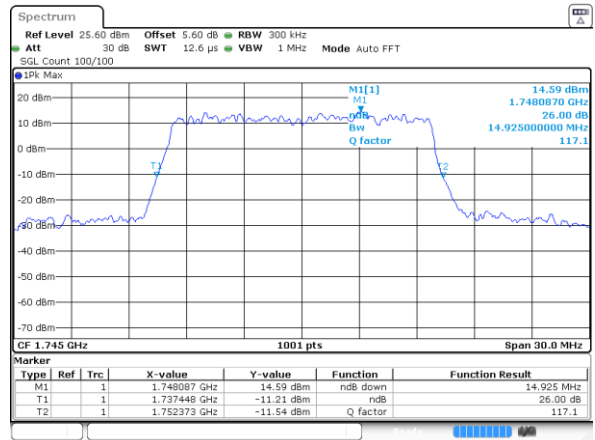
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 20 MAR 2025 17:20:10

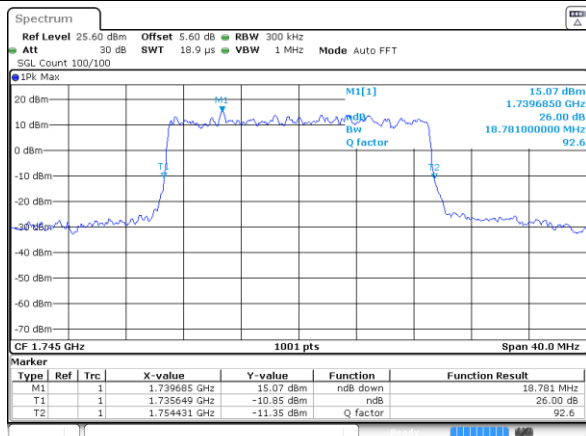
Middle Channel / 15MHz / 16QAM



Date: 20 MAR 2025 17:20:32

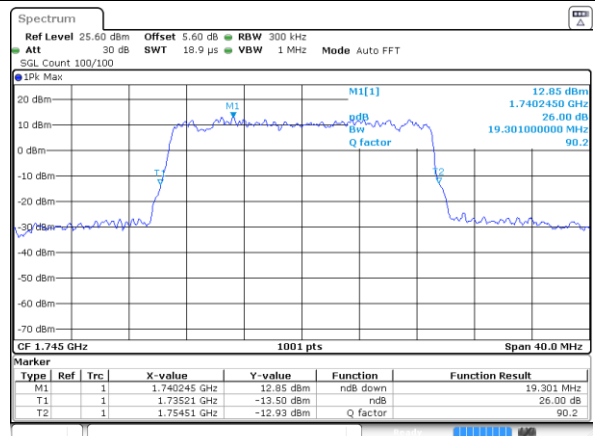
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 20 MAR 2025 17:04:40

Middle Channel / 20MHz / 16QAM

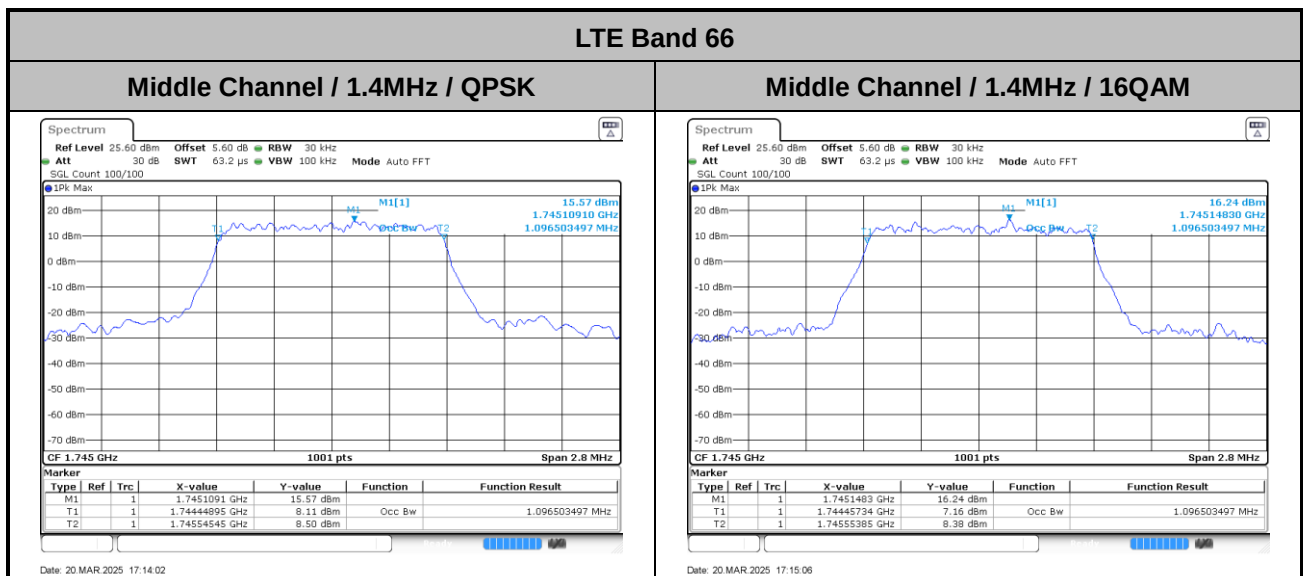


Date: 20 MAR 2025 17:05:02



Occupied Bandwidth

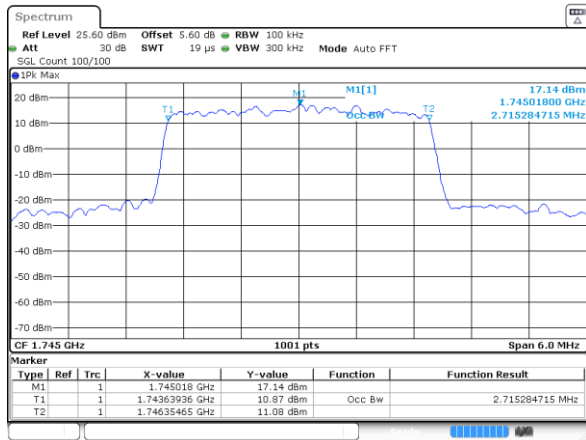
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.10	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.69
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.51
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.58	13.52
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94



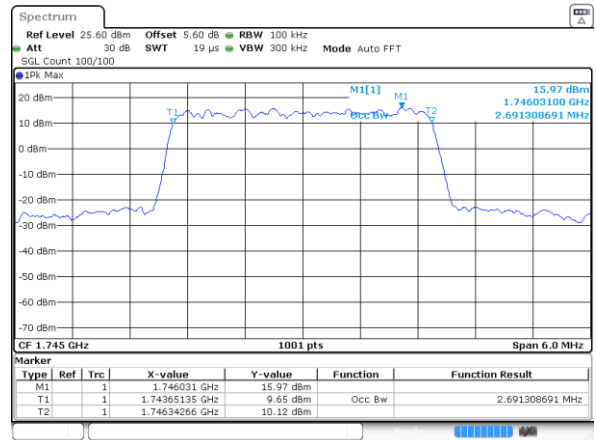


LTE Band 66

Middle Channel / 3MHz / QPSK

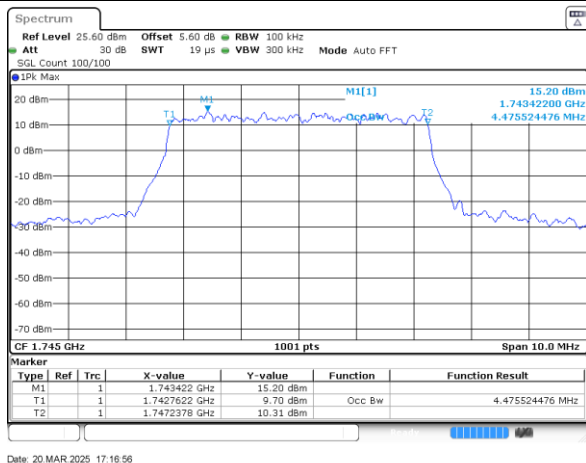


Middle Channel / 3MHz / 16QAM

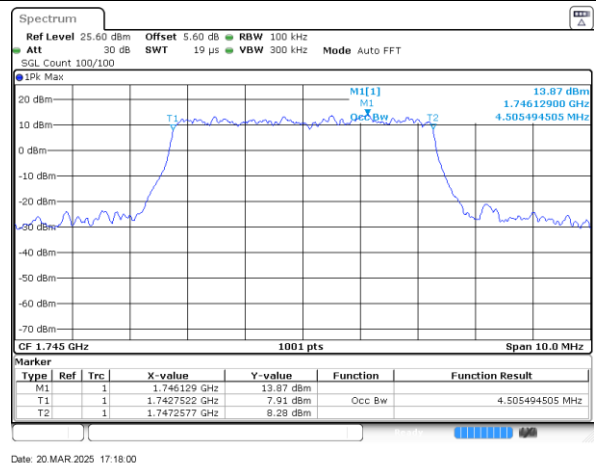


LTE Band 66

Middle Channel / 5MHz / QPSK

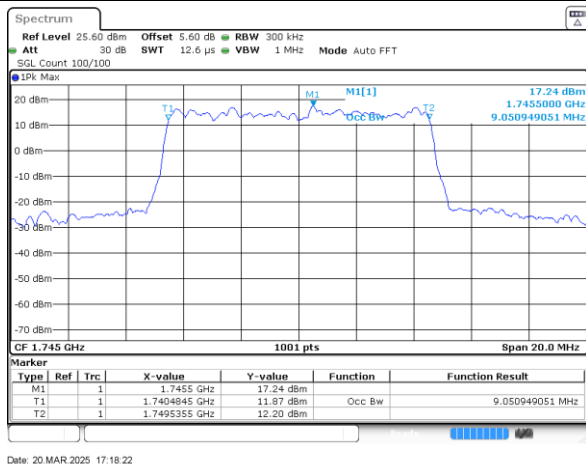


Middle Channel / 5MHz / 16QAM



LTE Band 66

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

