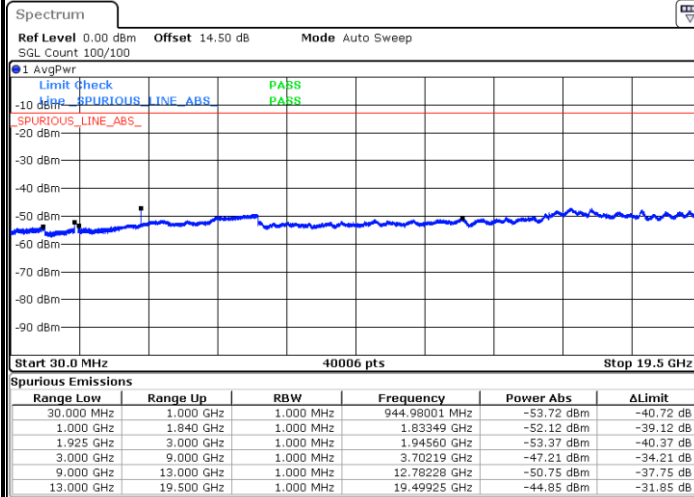




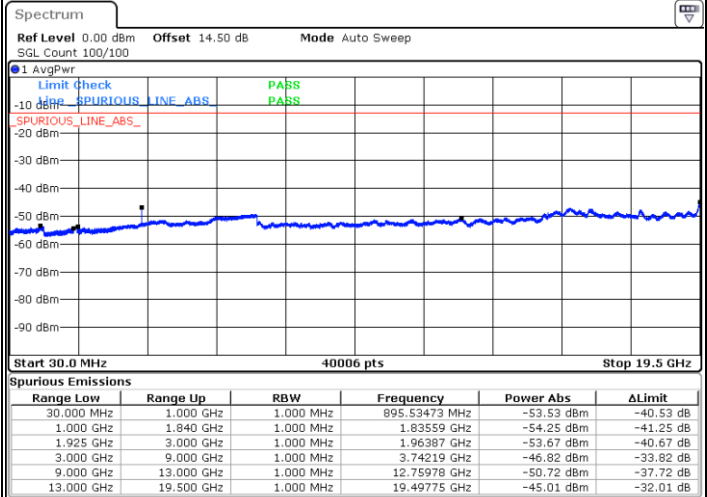
LTE Band 25 / 20MHz

Lowest Channel / QPSK



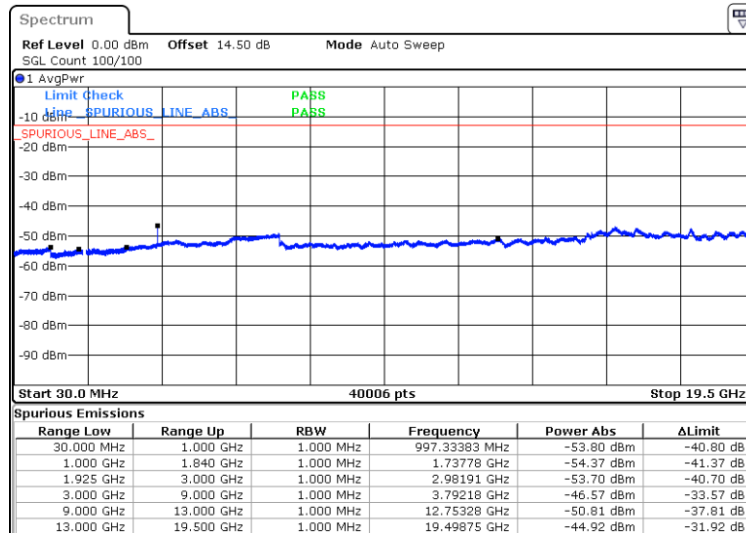
Date: 31.MAR.2025 20:05:56

Middle Channel / QPSK



Date: 31.MAR.2025 20:07:05

Highest Channel / QPSK



Date: 31.MAR.2025 20:14:55

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.3	PASS
40	Normal Voltage	1.6	
30	Normal Voltage	1.8	
20(Ref.)	Normal Voltage	-1.3	
10	Normal Voltage	1.5	
0	Normal Voltage	-1.7	
-10	Normal Voltage	1.4	
-20	Normal Voltage	2.7	
-30	Normal Voltage	2.4	
20	Maximum Voltage	2.1	
20	Normal Voltage	-1.3	
20	Minimum Voltage	2.5	

Note:

1. Normal Voltage = 12 V.; Minimum Voltage= 9 V.; Maximum Voltage = 43 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 2.7\text{Hz}$$

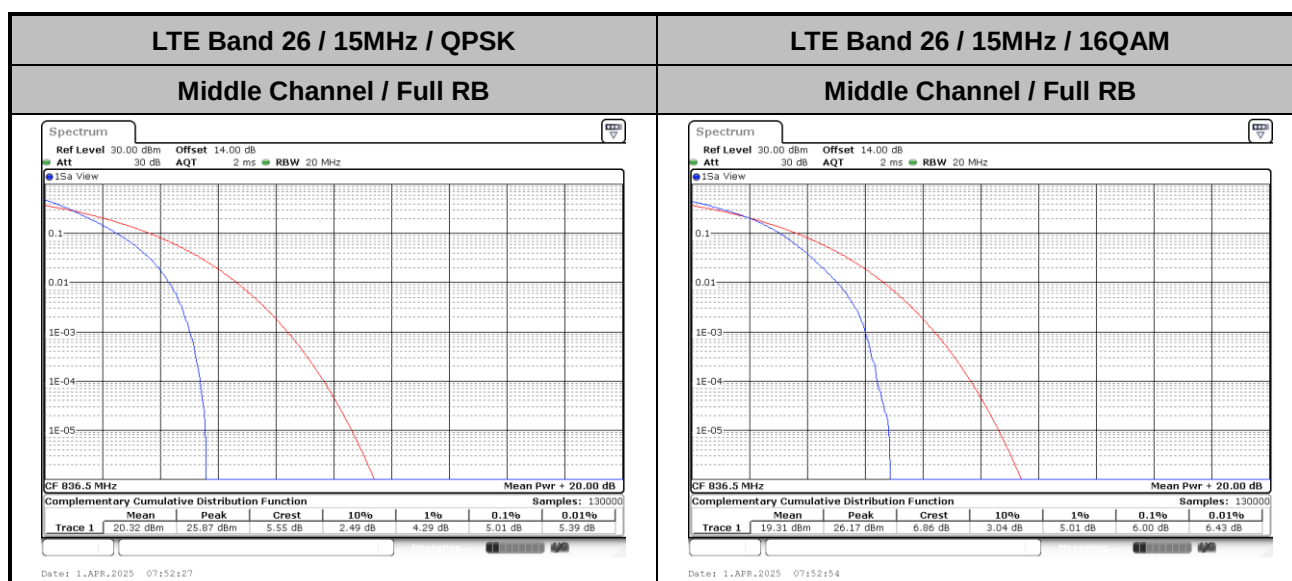
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1850.146147	$\geq 1850 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1914.848253	$\leq 1915 \text{ MHz}$	



LTE Band 26

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.01	6.00	-	PASS





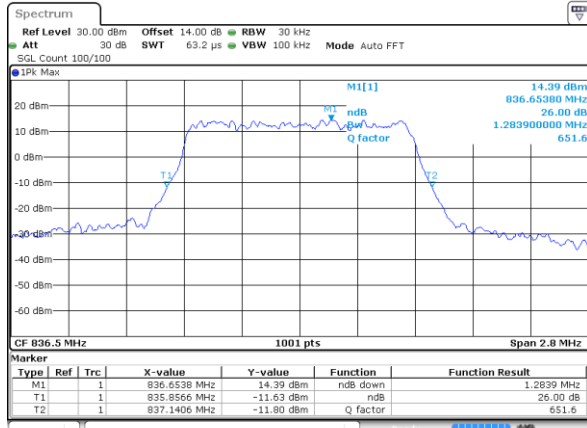
26dB Bandwidth

Mode	LTE Band 26 : 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	1.28	1.27	3.00	3.00	4.98	4.96	9.73	9.67	14.42	14.27	-	-

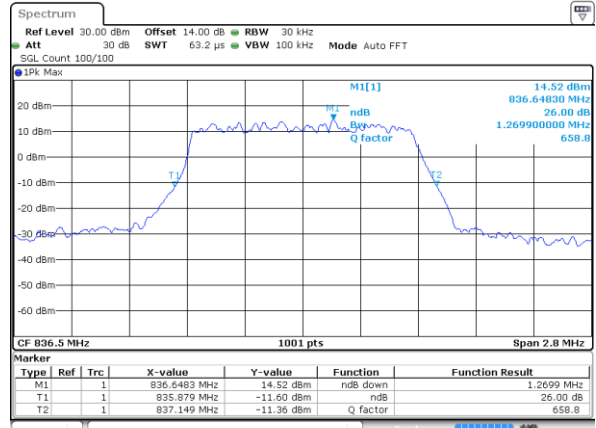


LTE Band 26

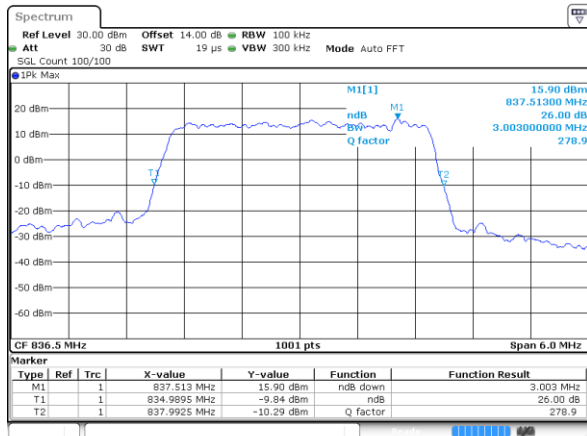
Middle Channel / 1.4MHz / QPSK



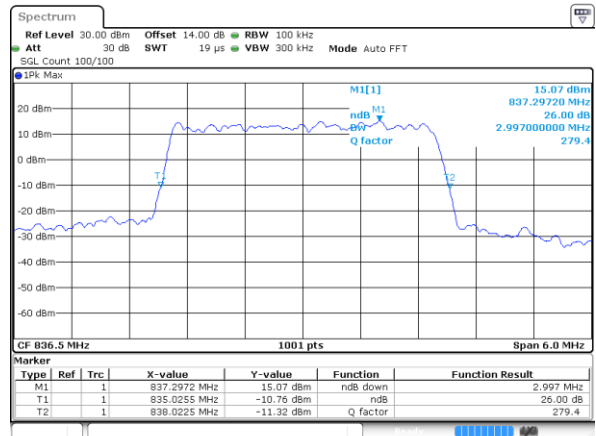
Middle Channel / 1.4MHz / 16QAM



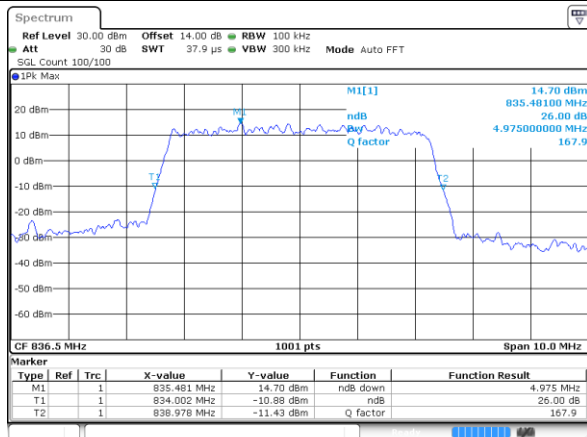
Middle Channel / 3MHz / QPSK



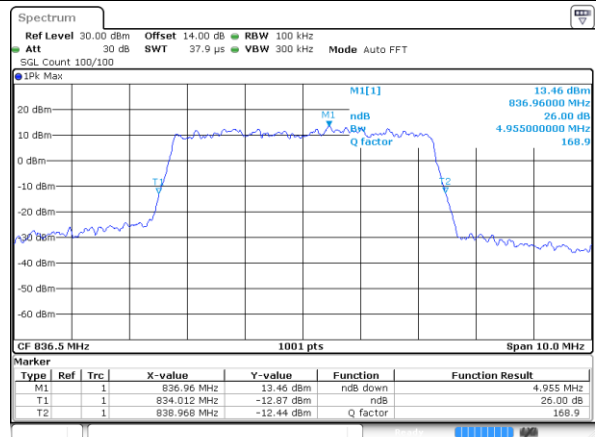
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



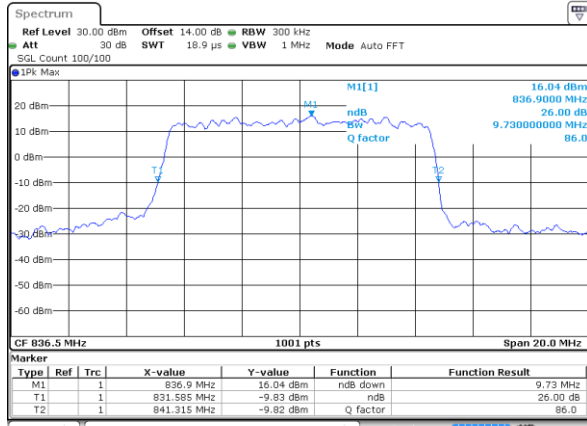
Middle Channel / 5MHz / 16QAM



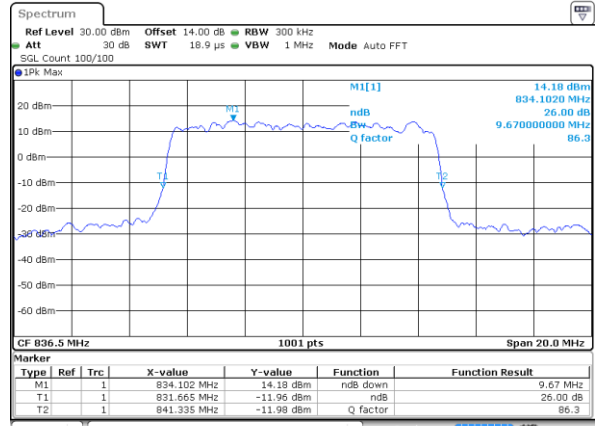


LTE Band 26

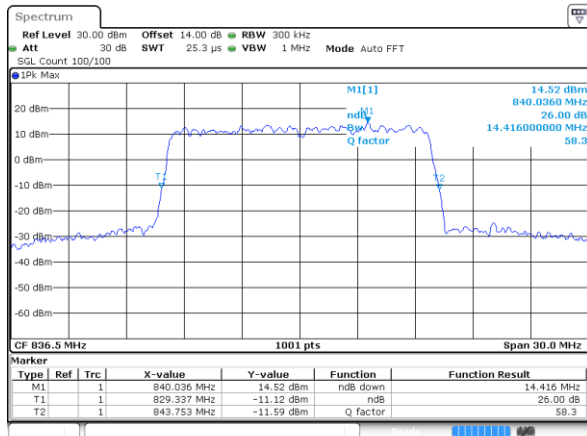
Middle Channel / 10MHz / QPSK



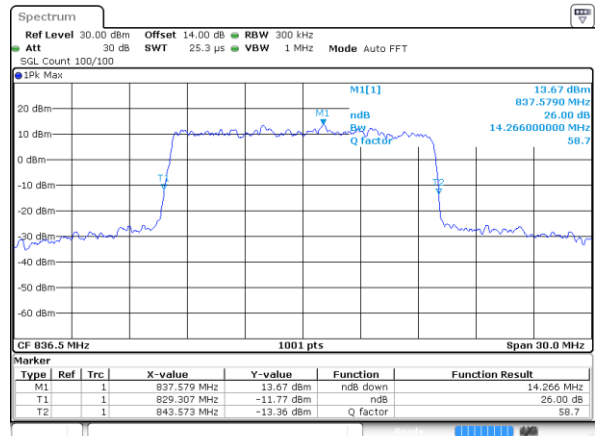
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM





Occupied Bandwidth

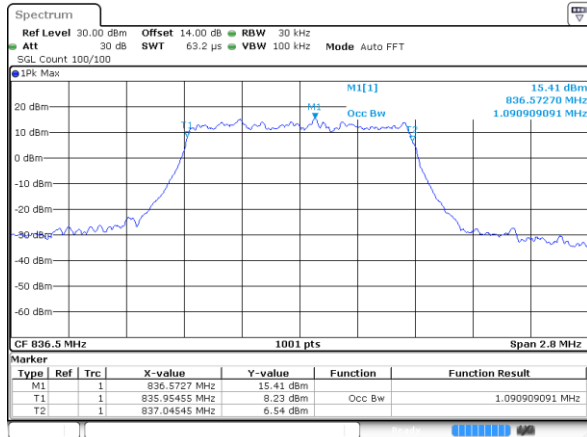
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.72	2.72	4.50	4.50	8.97	9.03	13.40	13.37	-	-

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz(CH26790)	
Mod.	QPSK	16QAM
Middle CH	13.43	13.34

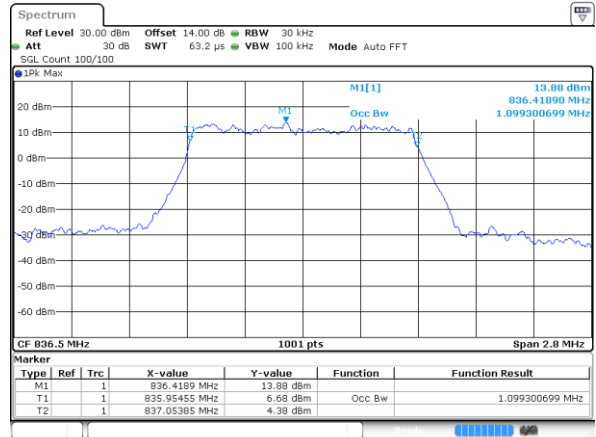


LTE Band 26

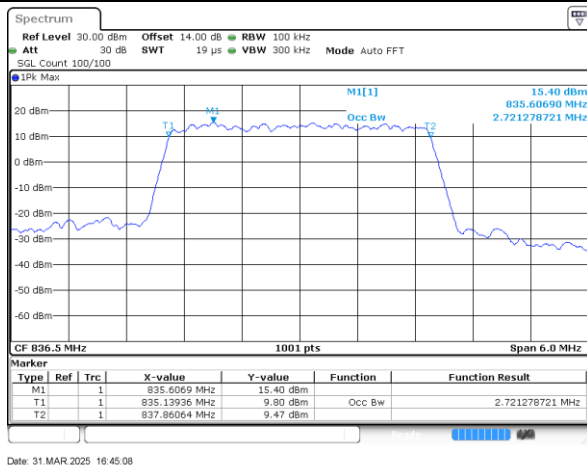
Middle Channel / 1.4MHz / QPSK



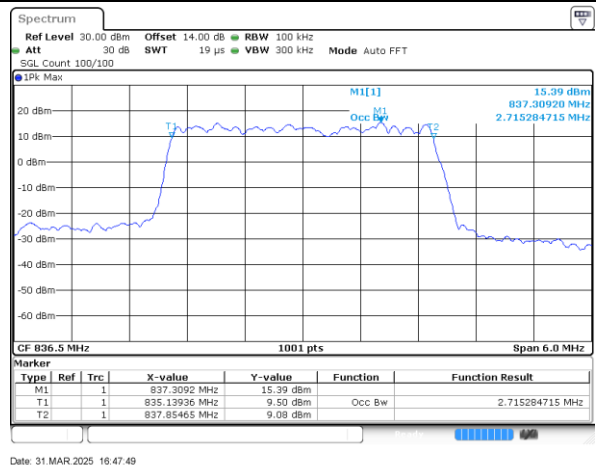
Middle Channel / 1.4MHz / 16QAM



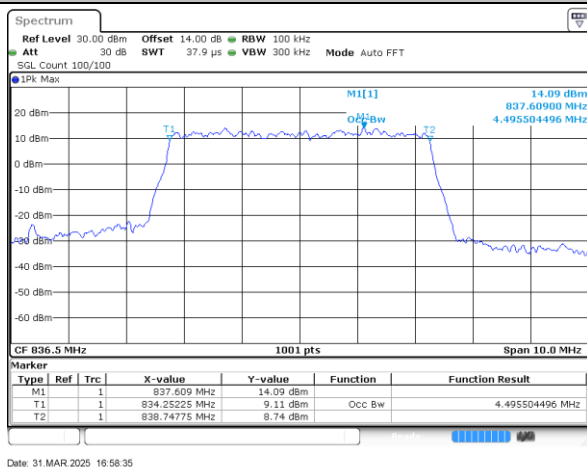
Middle Channel / 3MHz / QPSK



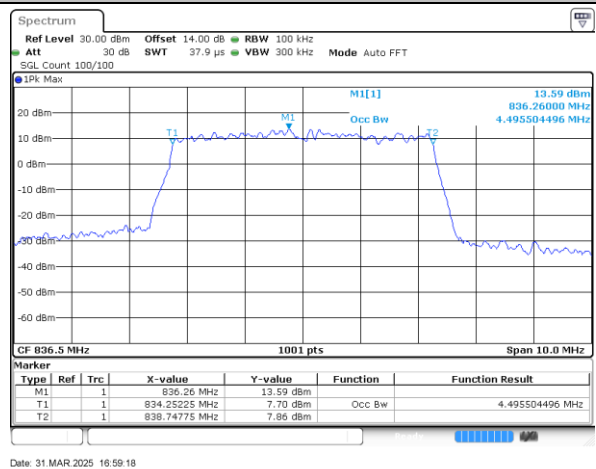
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



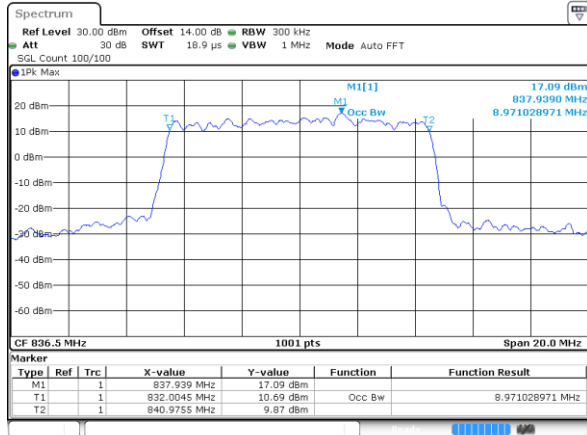
Middle Channel / 5MHz / 16QAM



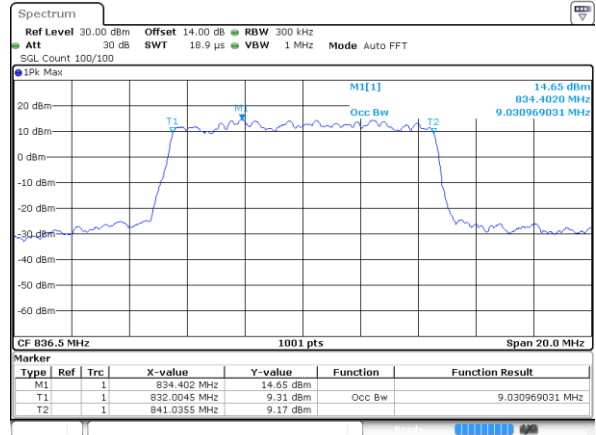


LTE Band 26

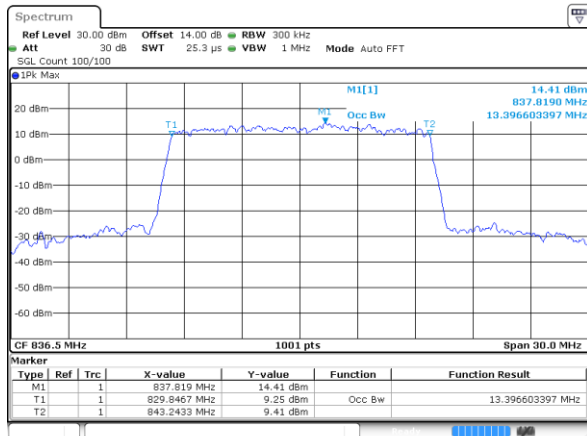
Middle Channel / 10MHz / QPSK



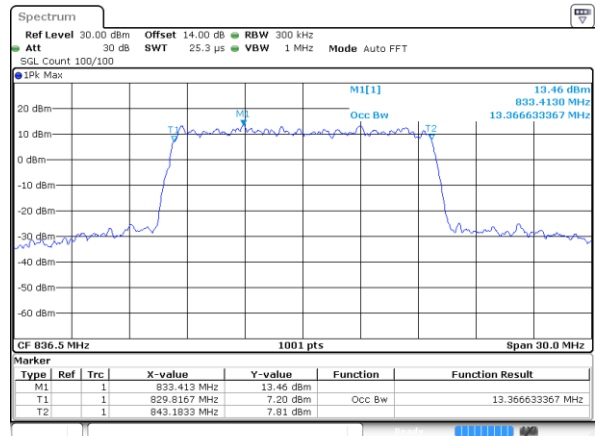
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

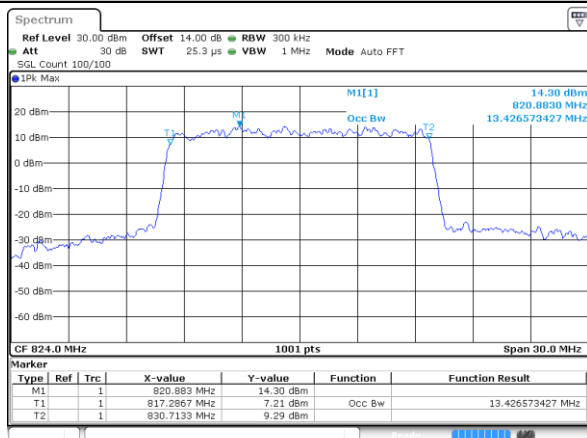


Middle Channel / 15MHz / 16QAM

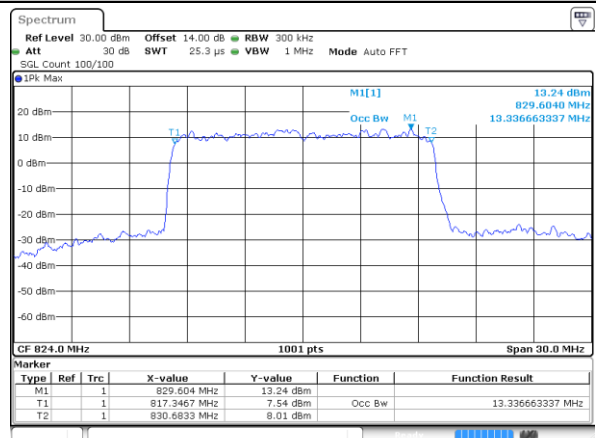


LTE Band 26(CH26790)

Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM

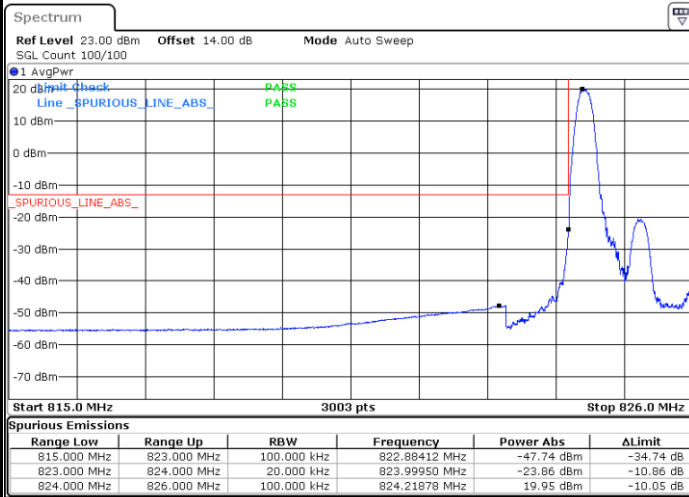




Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



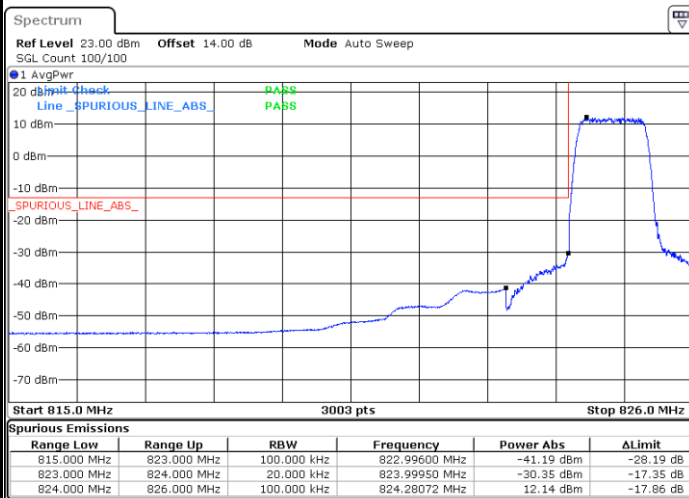
Date: 31.MAR.2025 16:24:30

Highest Band Edge / 1RB



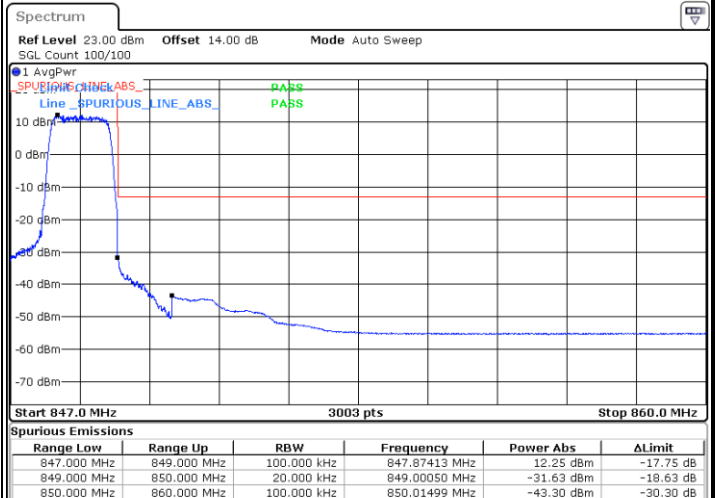
Date: 31.MAR.2025 16:35:05

Lowest Band Edge / Full RB



Date: 31.MAR.2025 16:30:44

Highest Band Edge / Full RB

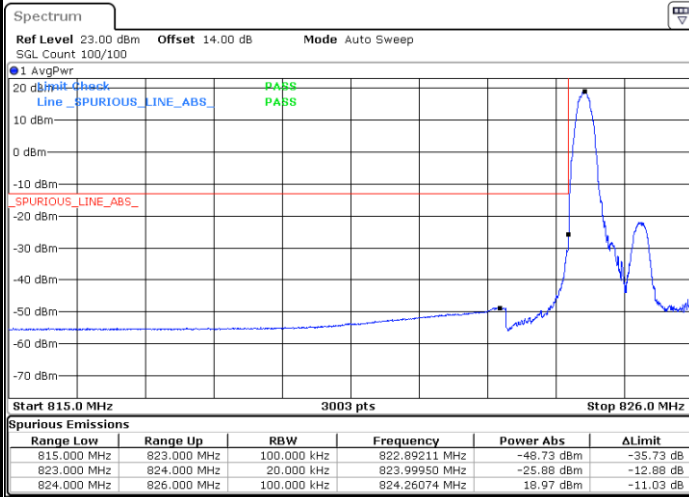


Date: 31.MAR.2025 16:39:37

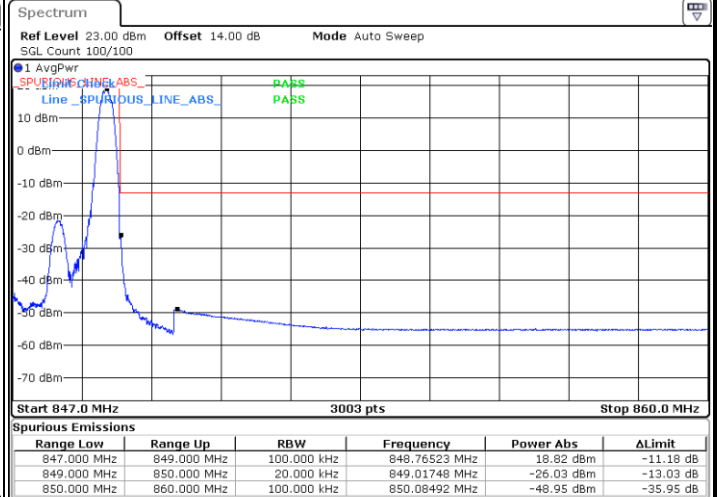


LTE Band 26 / 1.4MHz / 16QAM

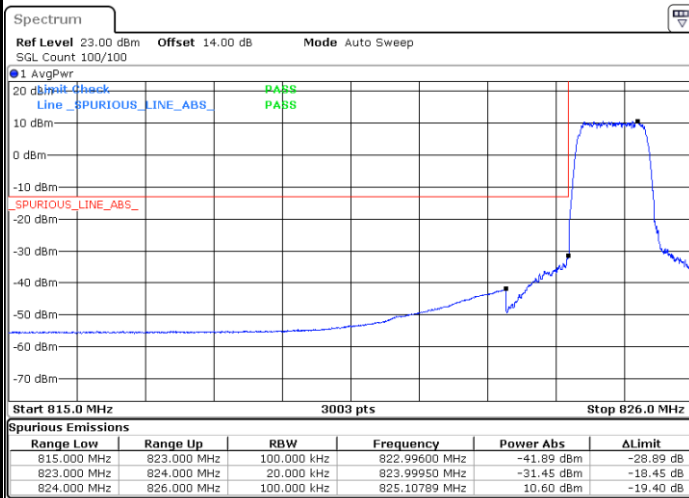
Lowest Band Edge / 1 RB



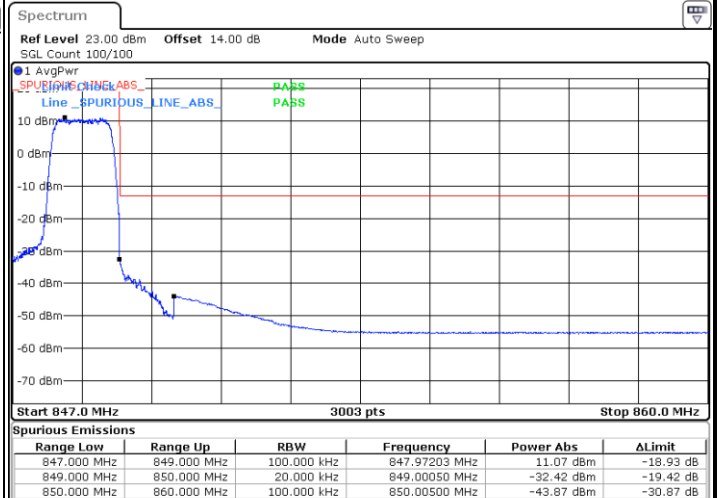
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



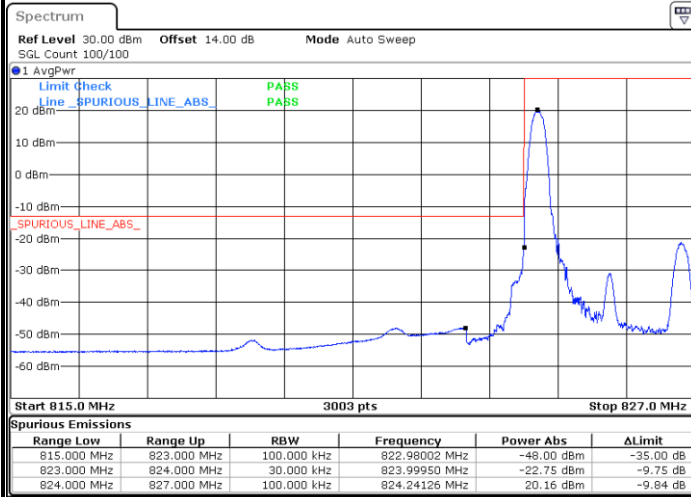
Highest Band Edge / Full RB



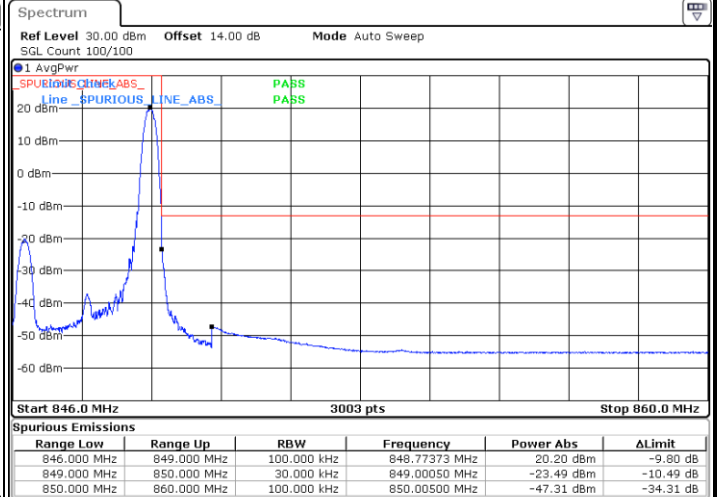


LTE Band 26 / 3MHz / QPSK

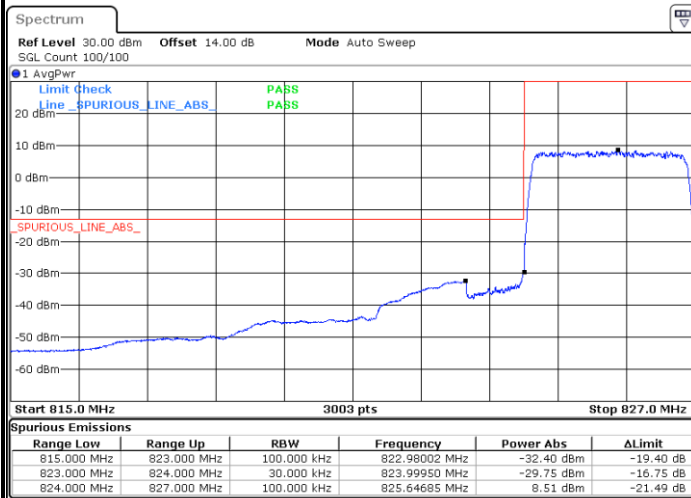
Lowest Band Edge / 1RB



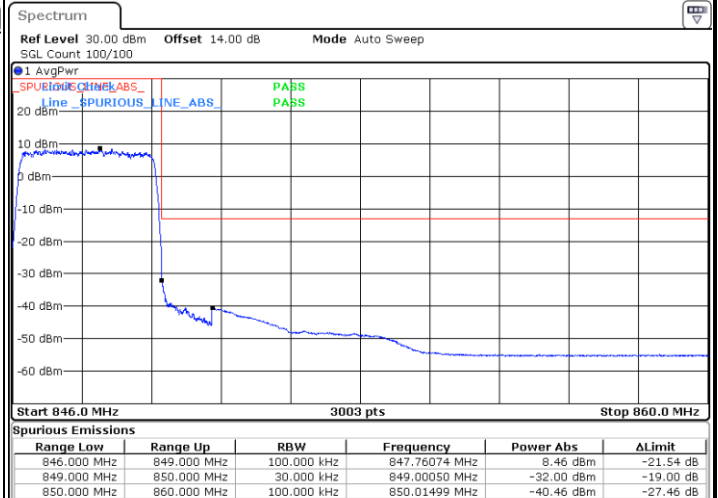
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



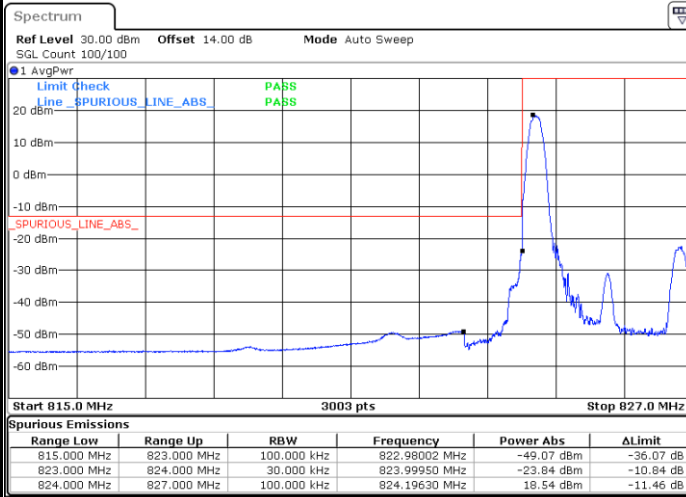
Highest Band Edge / Full RB





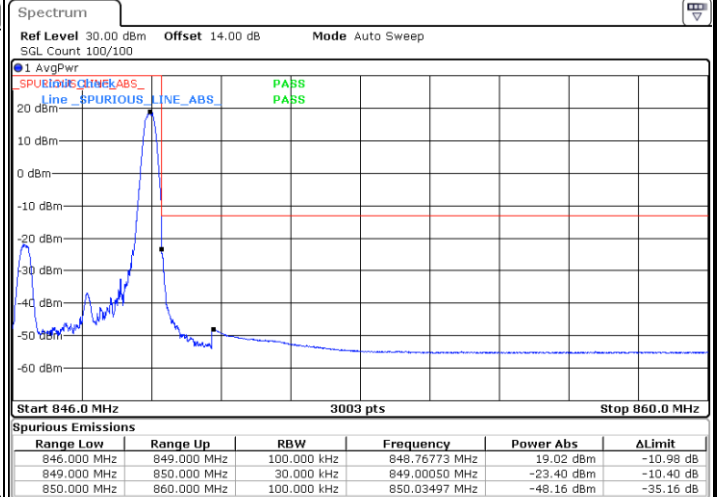
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



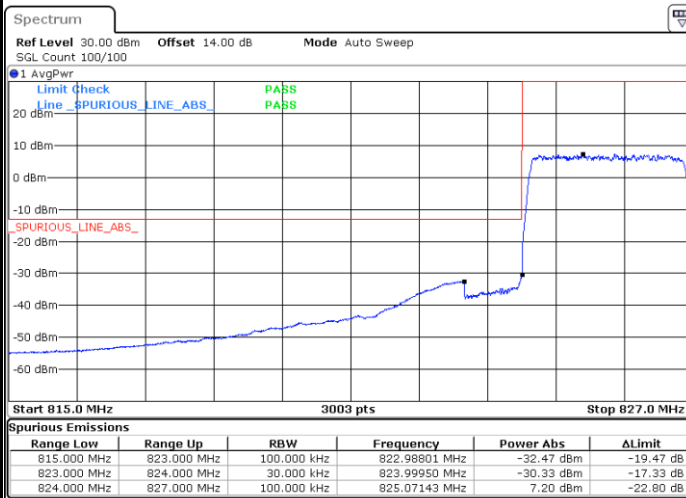
Date: 31.MAR.2025 16:41:19

Highest Band Edge / 1 RB



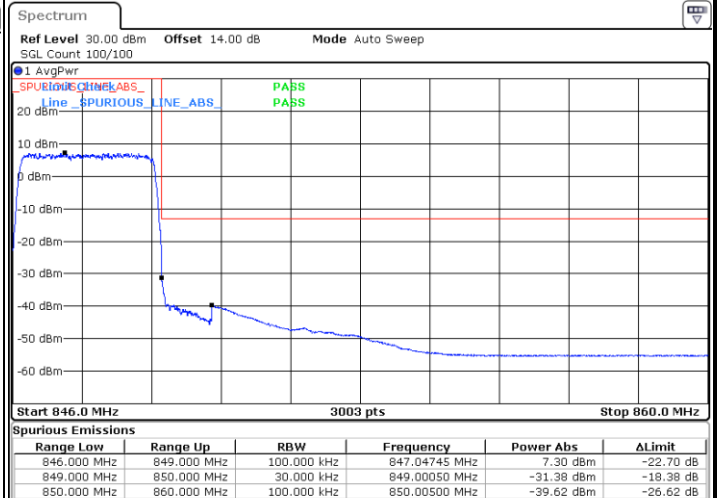
Date: 31.MAR.2025 16:49:44

Lowest Band Edge / Full RB



Date: 31.MAR.2025 16:43:47

Highest Band Edge / Full RB

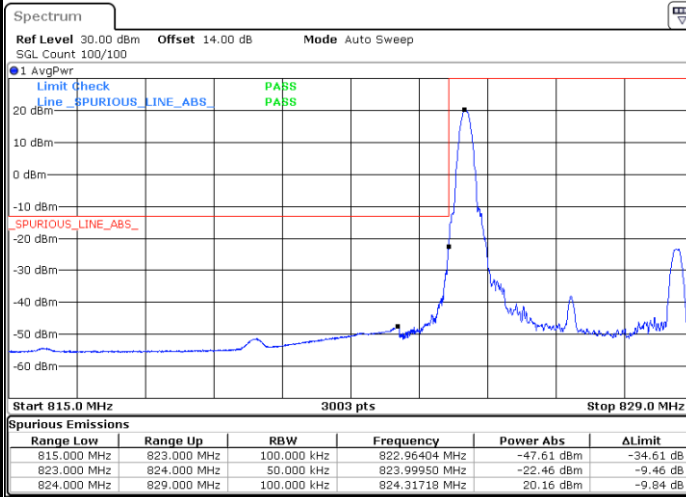


Date: 31.MAR.2025 16:52:23

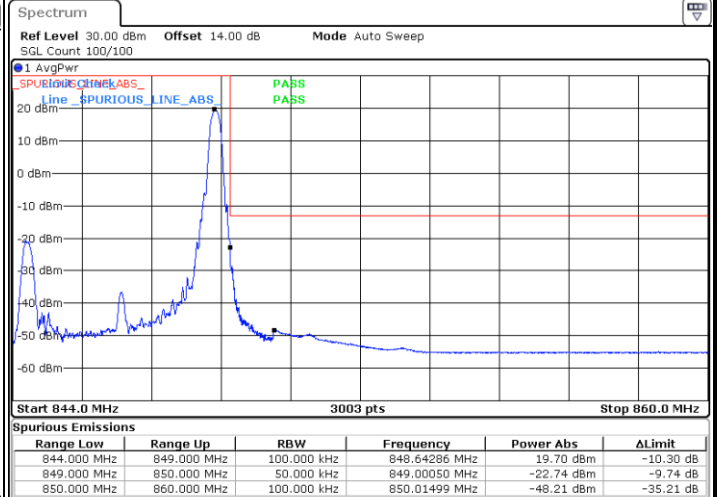


LTE Band 26 / 5MHz / QPSK

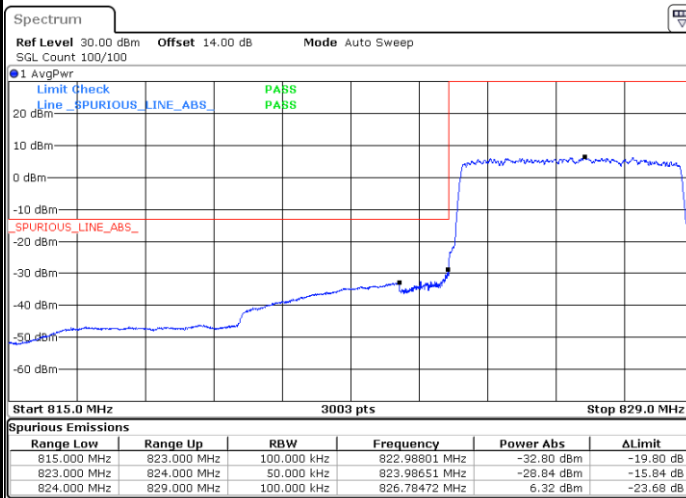
Lowest Band Edge / 1RB



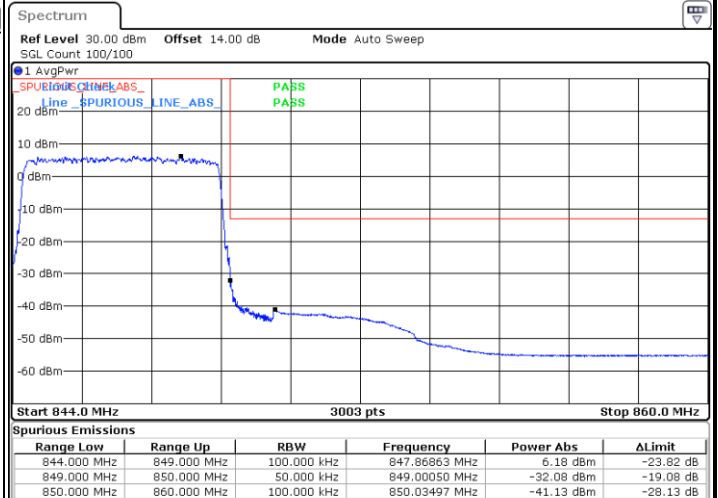
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



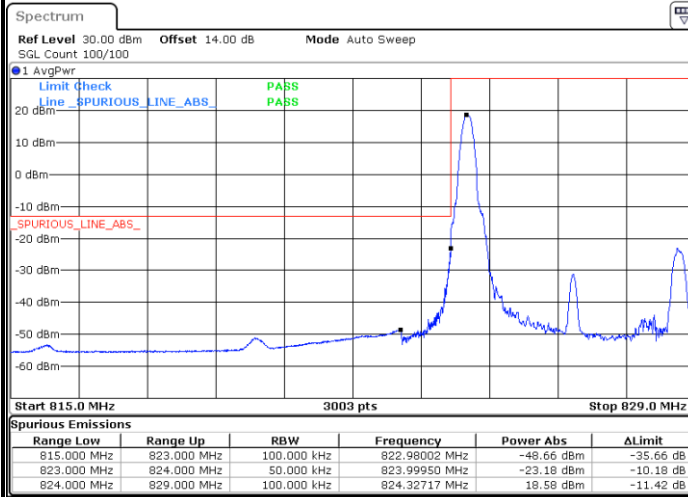
Highest Band Edge / Full RB



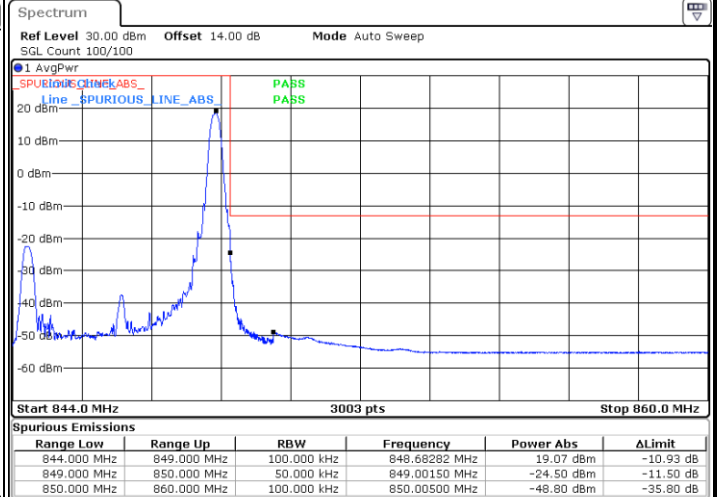


LTE Band 26 / 5MHz / 16QAM

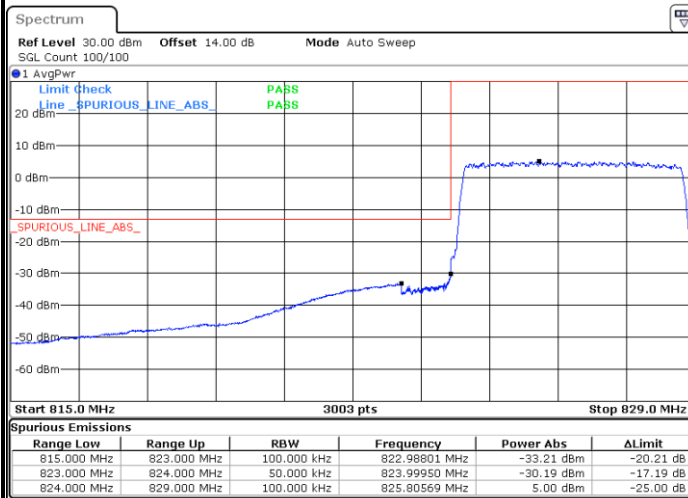
Lowest Band Edge / 1 RB



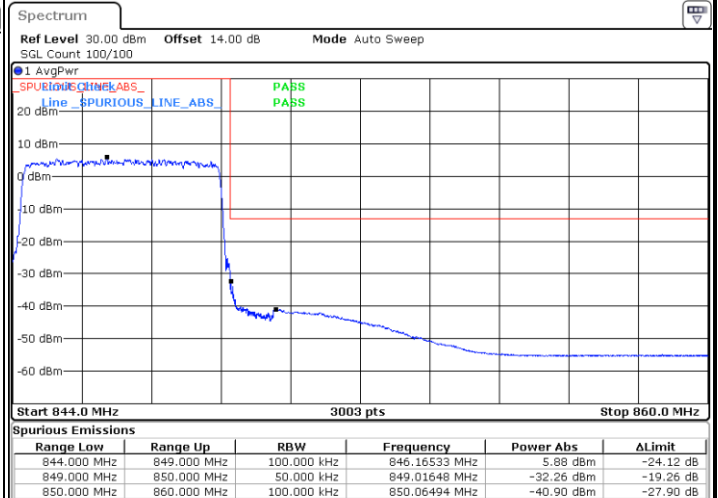
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



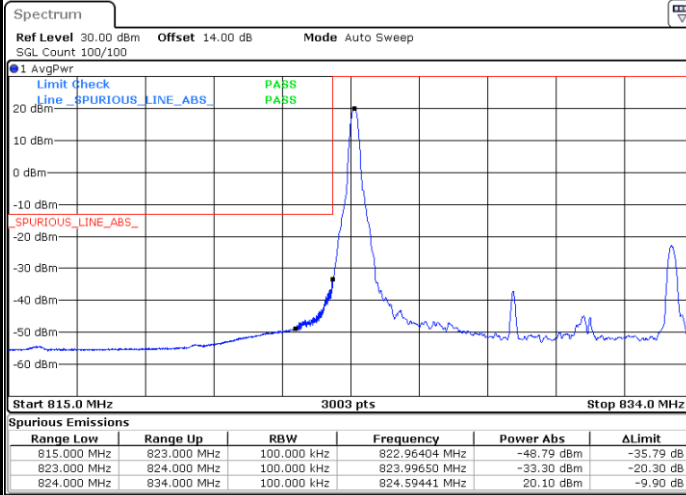
Highest Band Edge / Full RB



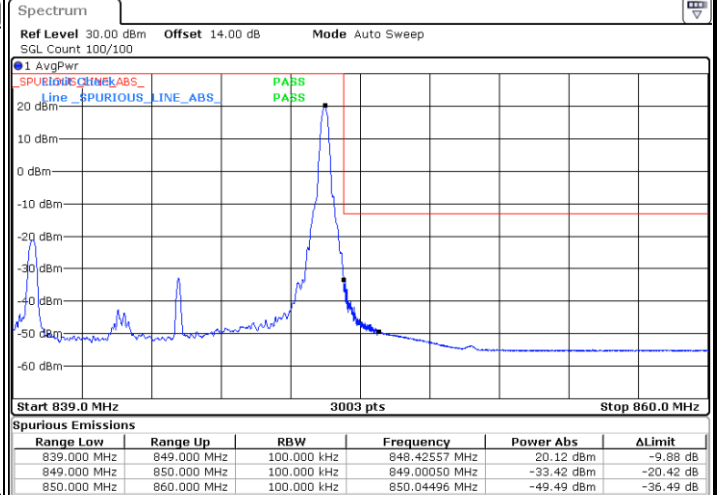


LTE Band 26 / 10MHz / QPSK

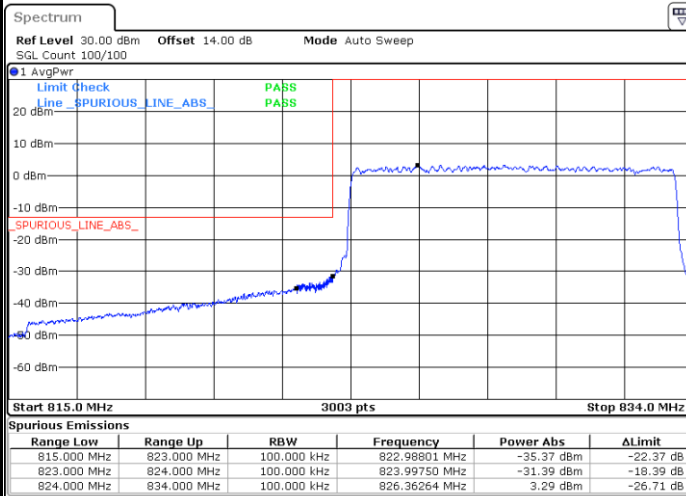
Lowest Band Edge / 1RB



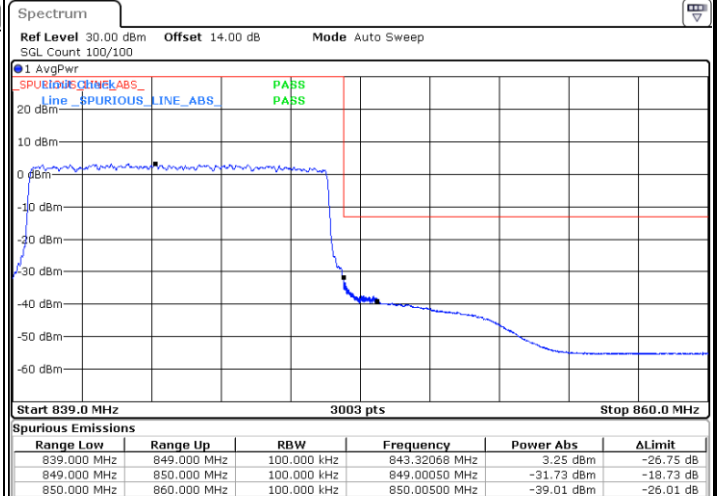
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



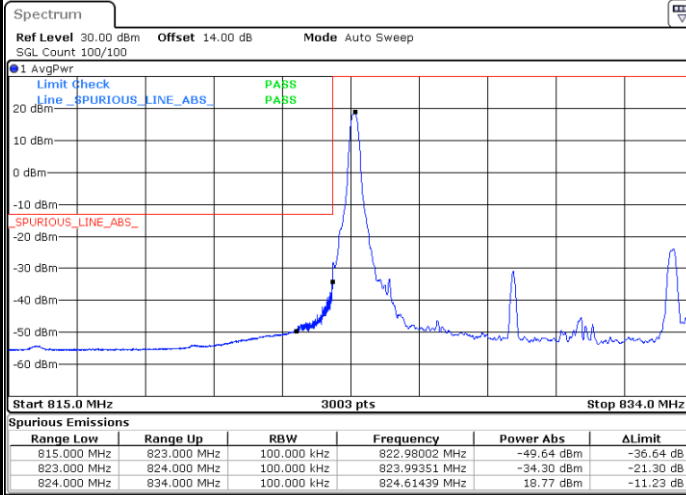
Highest Band Edge / Full RB



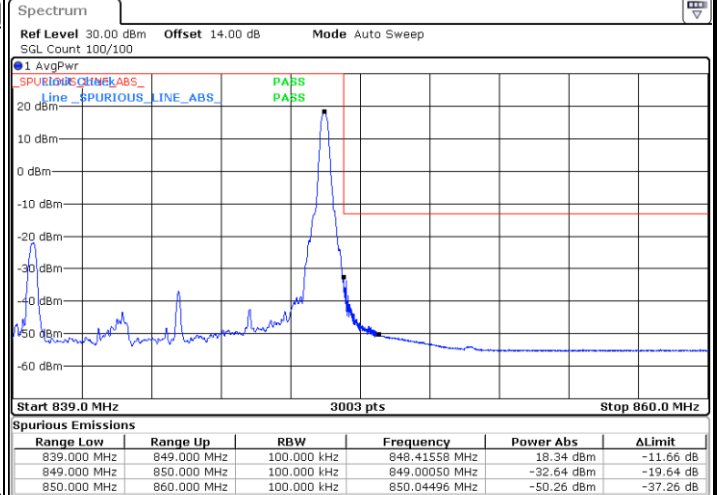


LTE Band 26 / 10MHz / 16QAM

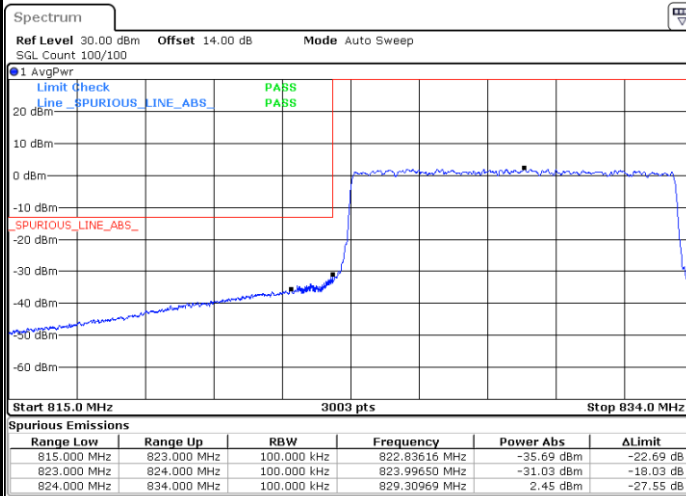
Lowest Band Edge / 1 RB



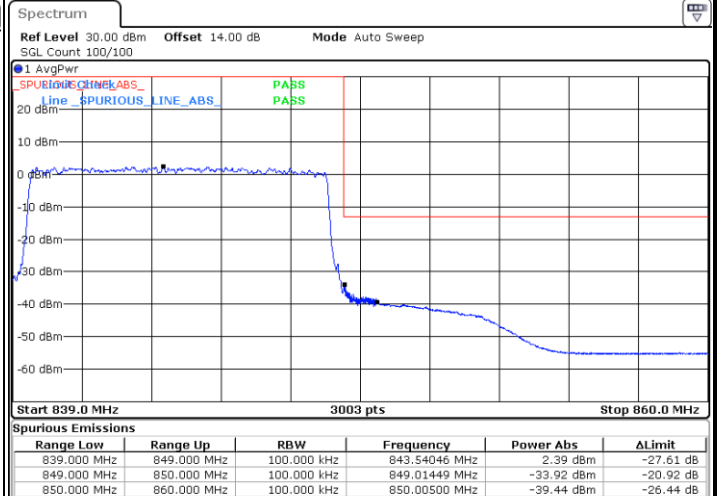
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



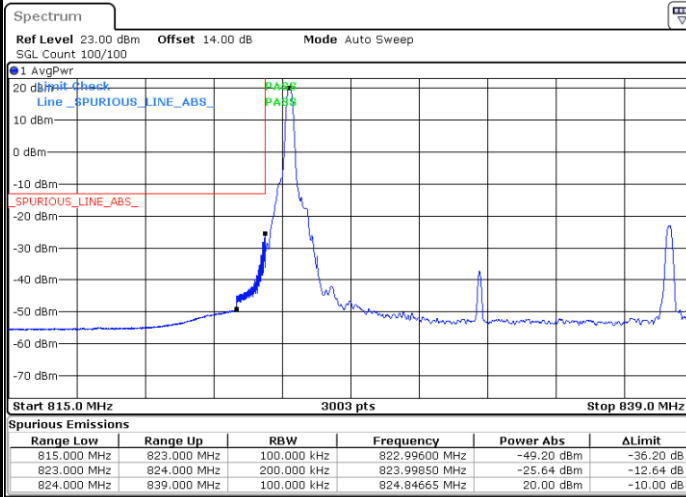
Highest Band Edge / Full RB



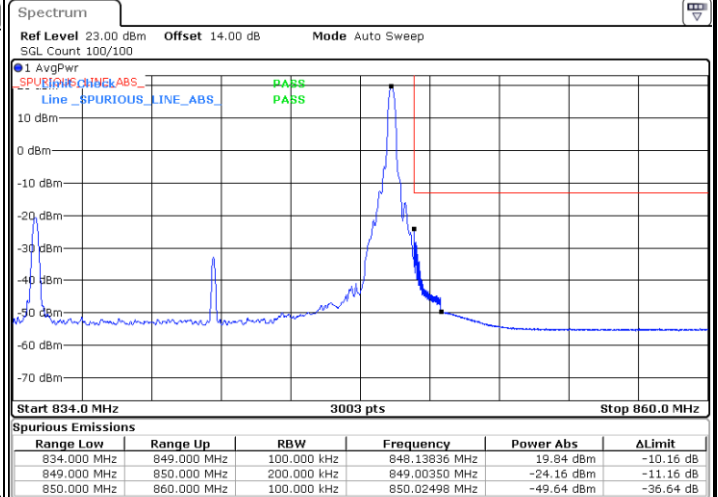


LTE Band 26 / 15MHz / QPSK

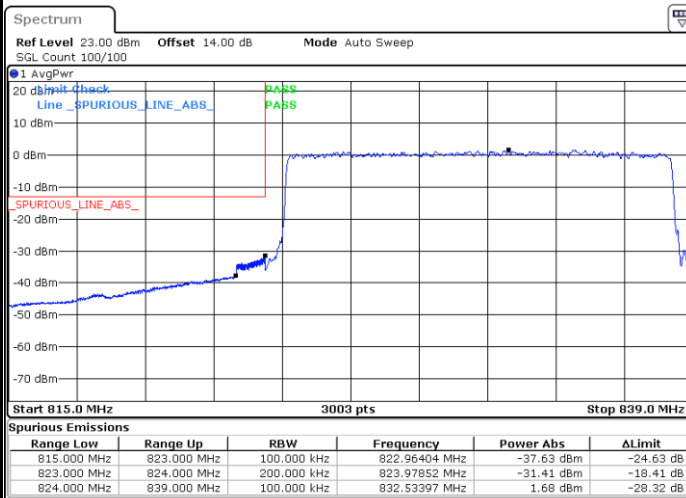
Lowest Band Edge / 1RB



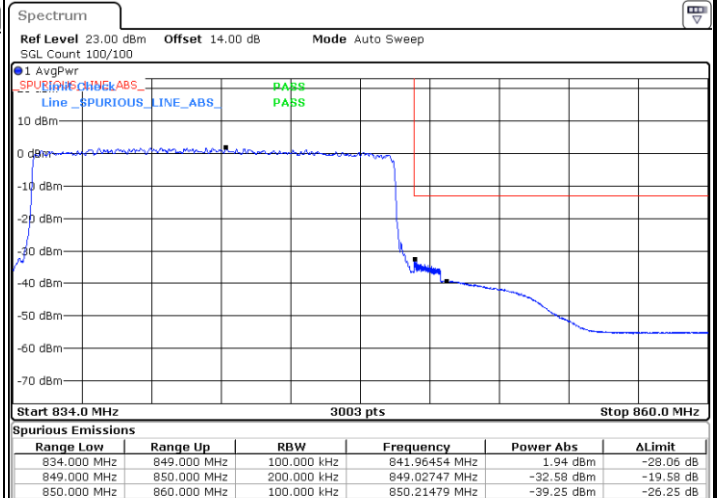
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



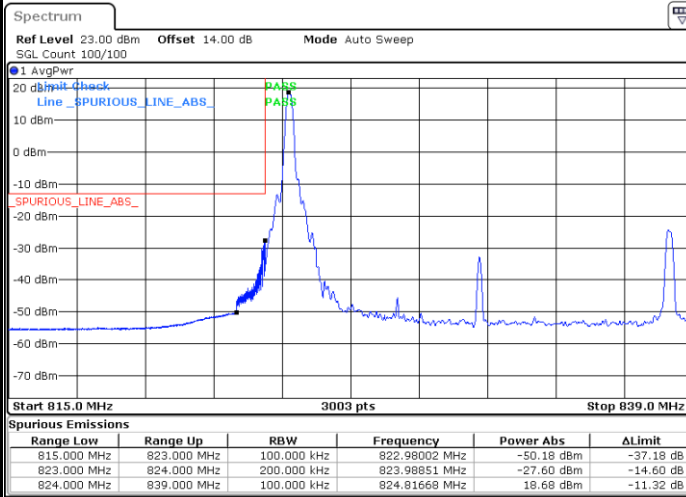
Highest Band Edge / Full RB



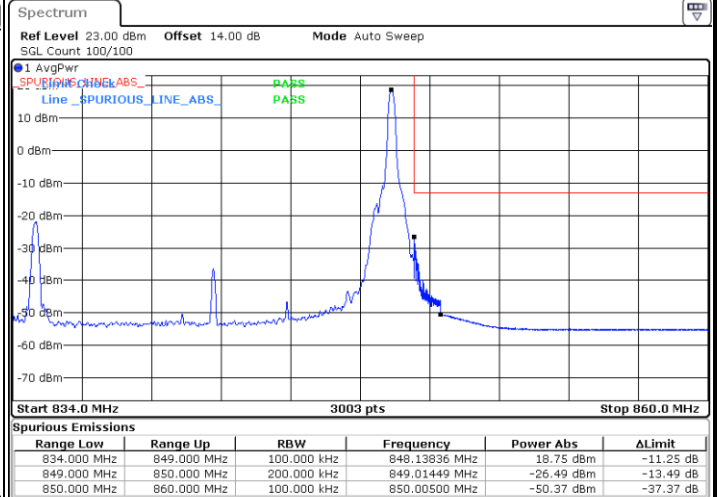


LTE Band 26 / 15MHz / 16QAM

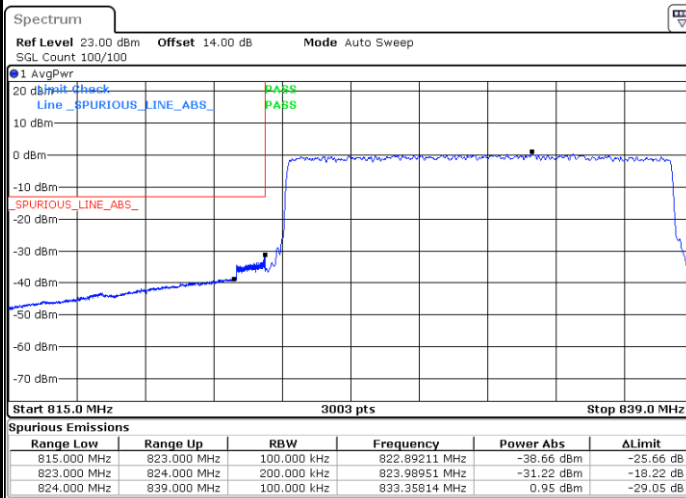
Lowest Band Edge / 1 RB



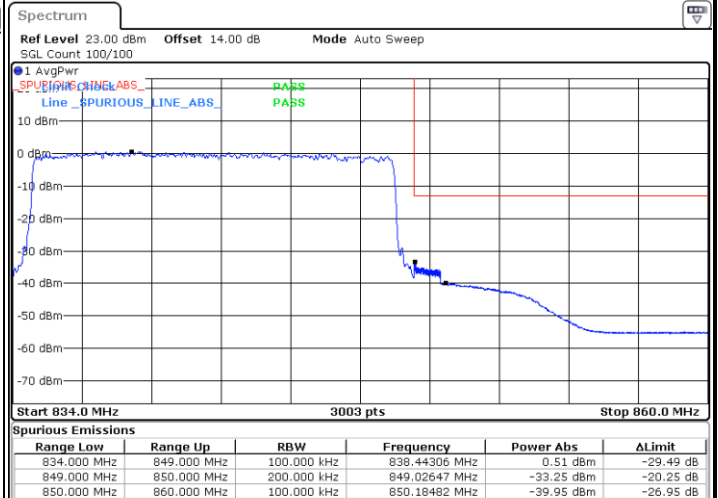
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

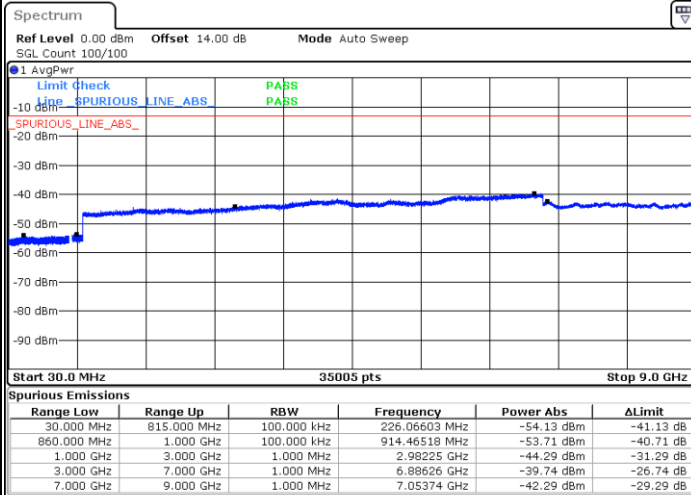




Conducted Spurious Emission

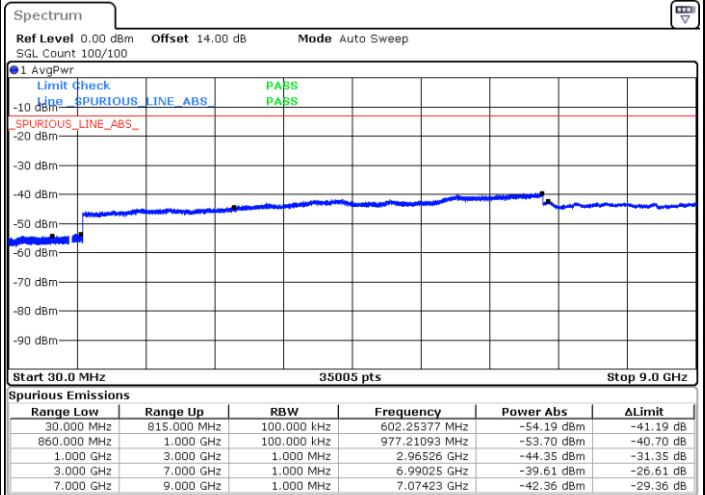
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



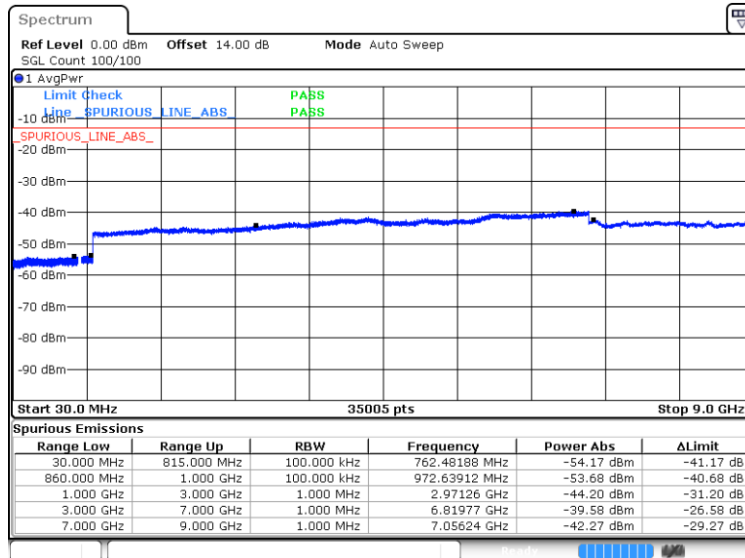
Date: 1 APR 2025 15:37:12

Middle Channel / QPSK



Date: 1 APR 2025 15:37:57

Highest Channel / QPSK

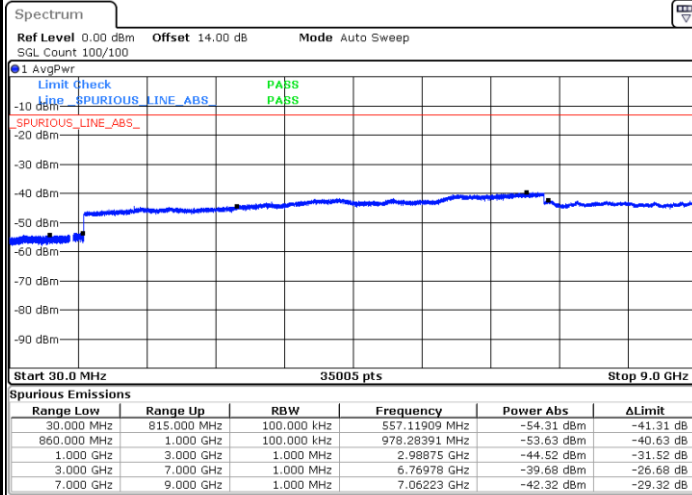


Date: 1 APR 2025 15:38:41



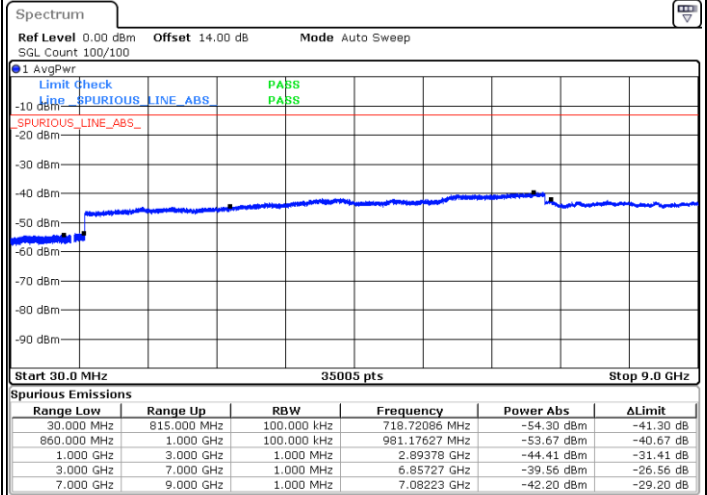
LTE Band 26 / 3MHz

Lowest Channel / QPSK



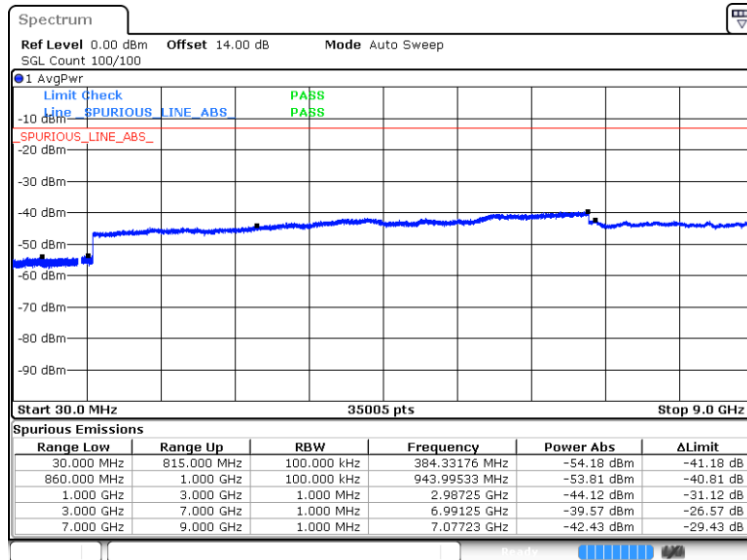
Date: 1 APR 2025 15:40:08

Middle Channel / QPSK



Date: 1 APR 2025 15:40:53

Highest Channel / QPSK

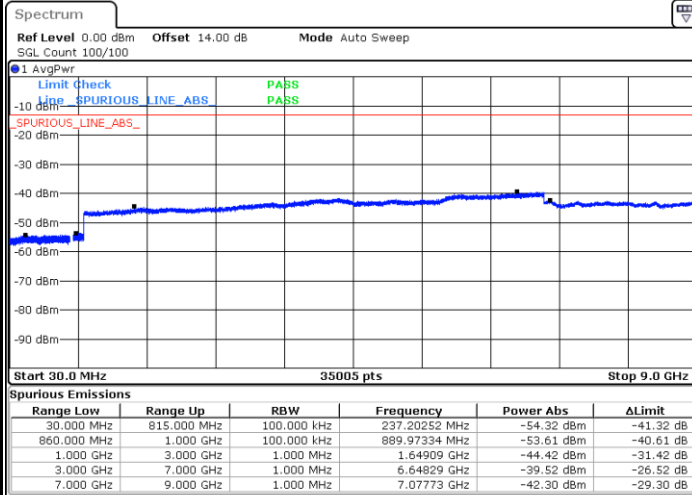


Date: 1 APR 2025 15:41:38



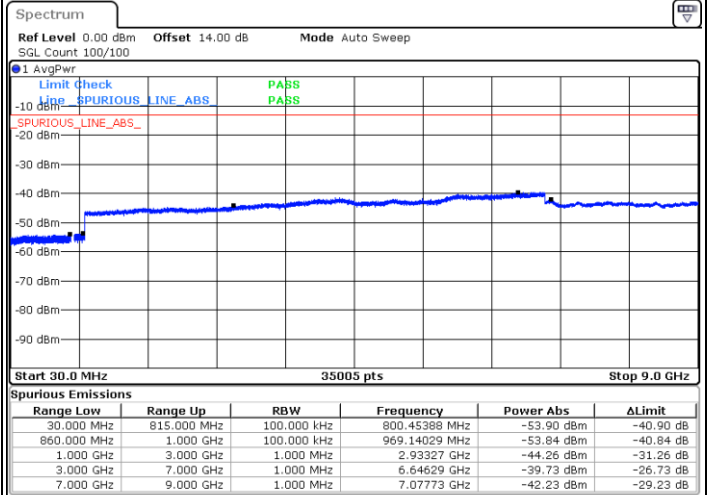
LTE Band 26 / 5MHz

Lowest Channel / QPSK



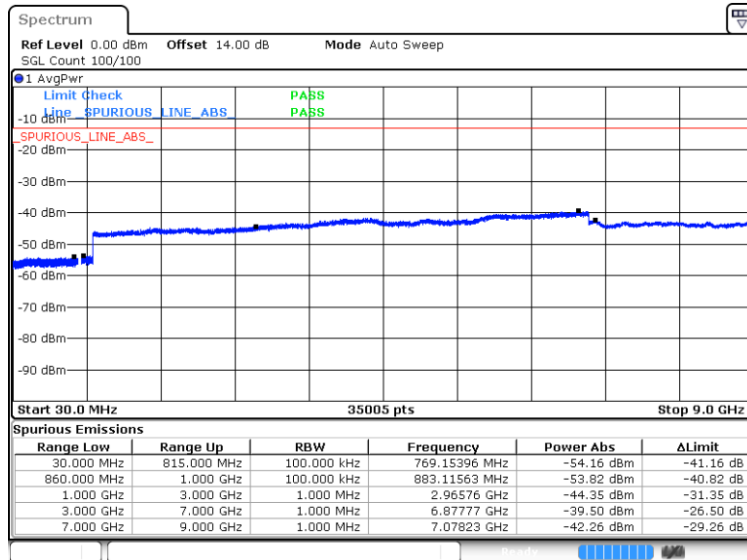
Date: 1 APR 2025 15:43:05

Middle Channel / QPSK



Date: 1 APR 2025 15:43:49

Highest Channel / QPSK

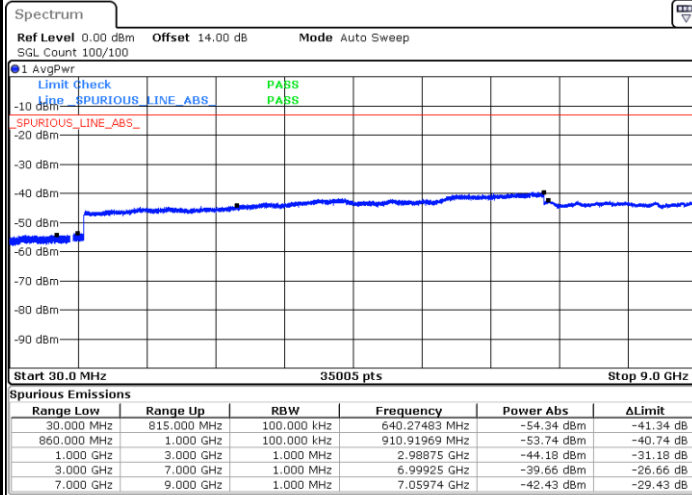


Date: 1 APR 2025 15:44:34



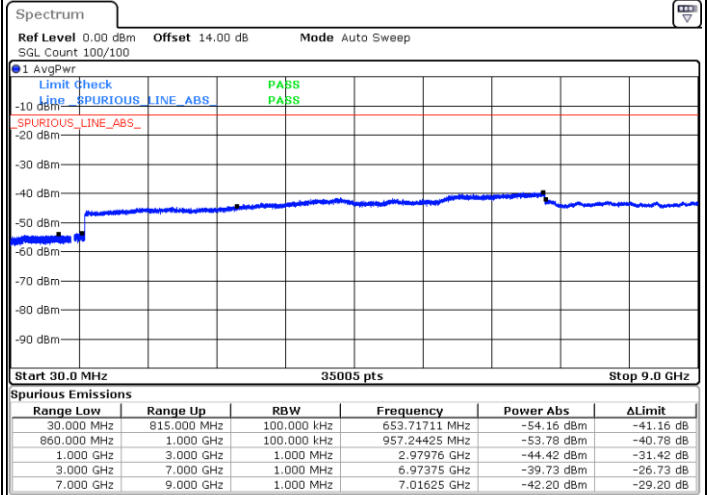
LTE Band 26 / 10MHz

Lowest Channel / QPSK



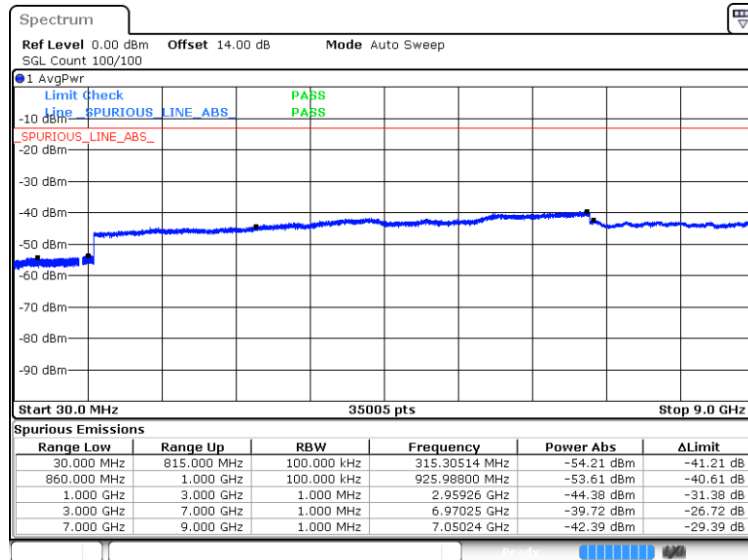
Date: 1 APR 2025 15:46:01

Middle Channel / QPSK



Date: 1 APR 2025 15:46:45

Highest Channel / QPSK



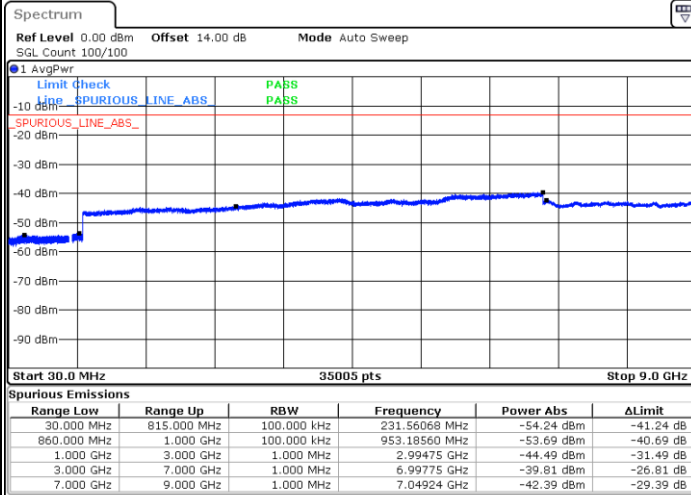
Date: 1 APR 2025 15:47:29



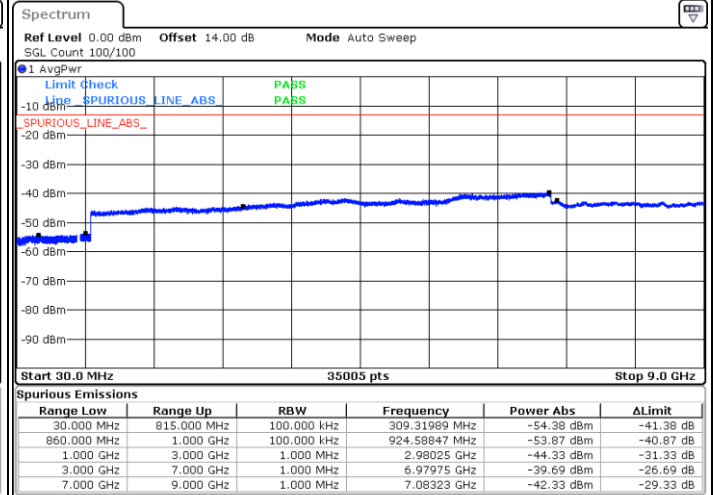
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

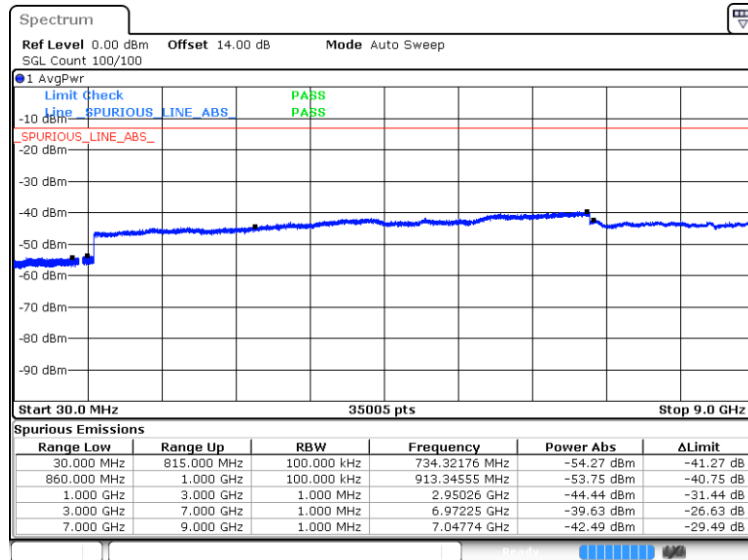


Date: 1 APR 2025 15:48:57



Date: 1 APR 2025 15:49:41

Highest Channel / QPSK



Date: 1 APR 2025 15:50:25

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	≤2.5ppm.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0060	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0055	

Note:

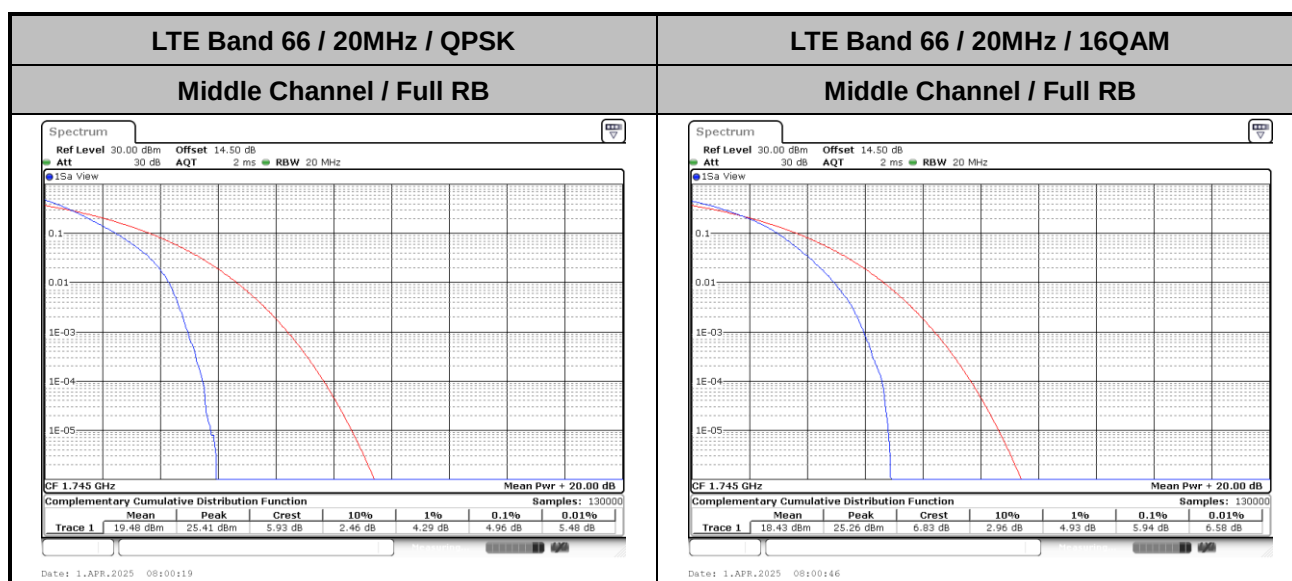
1. Normal Voltage = 12 V.; Minimum Voltage = 9 V.; Maximum Voltage = 43 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.96	5.94	-	PASS





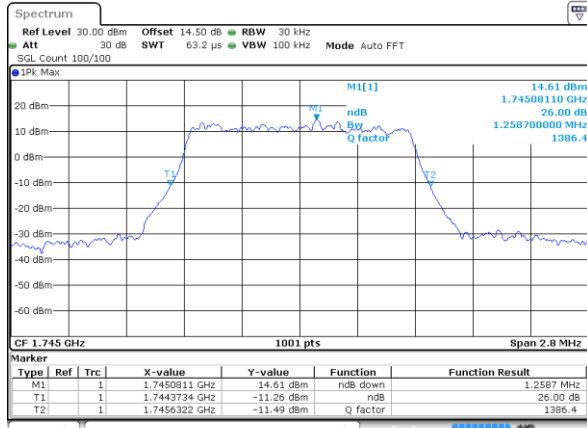
26dB Bandwidth

Mode	LTE Band 66 : 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	1.26	1.25	3.03	3.02	4.84	4.89	9.87	9.87	14.30	14.39	19.06	18.82



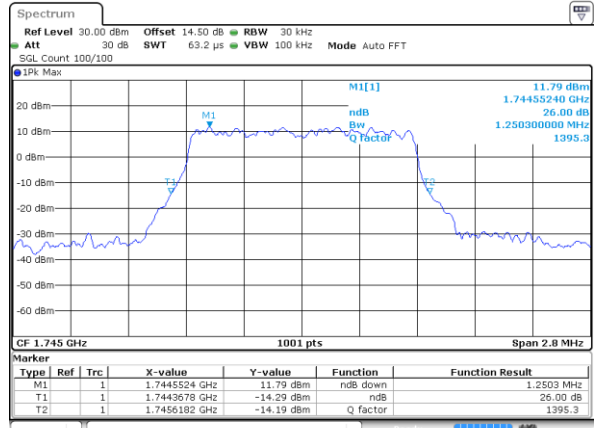
LTE Band 66

Middle Channel / 1.4MHz / QPSK



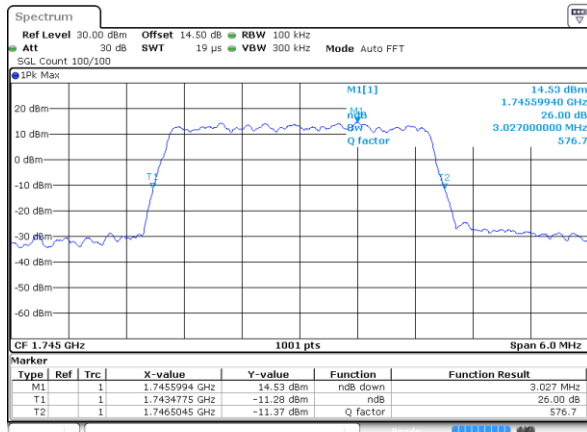
Date: 31 MAR 2025 20:23:59

Middle Channel / 1.4MHz / 16QAM



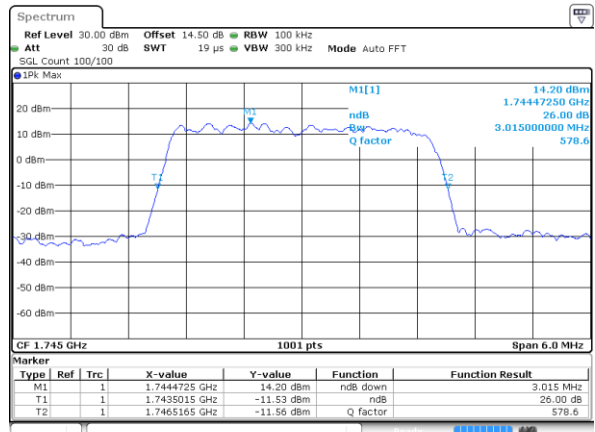
Date: 31 MAR 2025 20:24:39

Middle Channel / 3MHz / QPSK



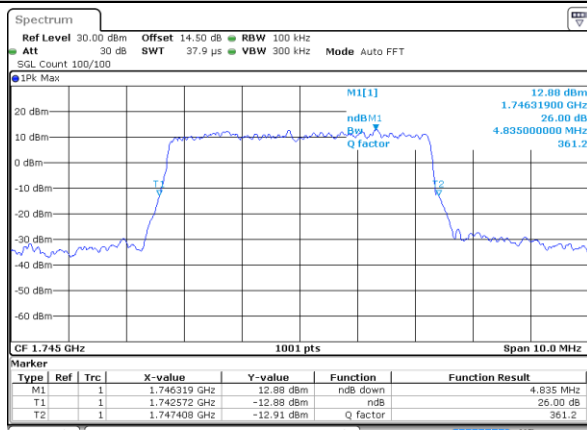
Date: 31 MAR 2025 20:40:07

Middle Channel / 3MHz / 16QAM



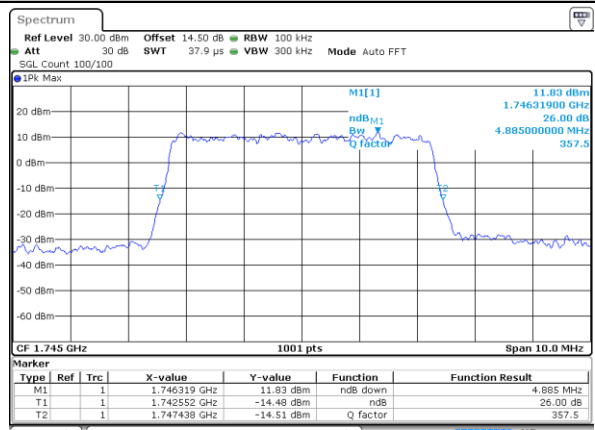
Date: 31 MAR 2025 20:40:47

Middle Channel / 5MHz / QPSK



Date: 31 MAR 2025 20:56:12

Middle Channel / 5MHz / 16QAM

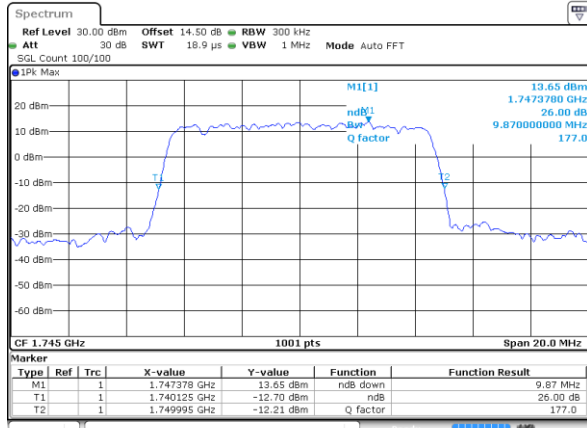


Date: 31 MAR 2025 20:56:51

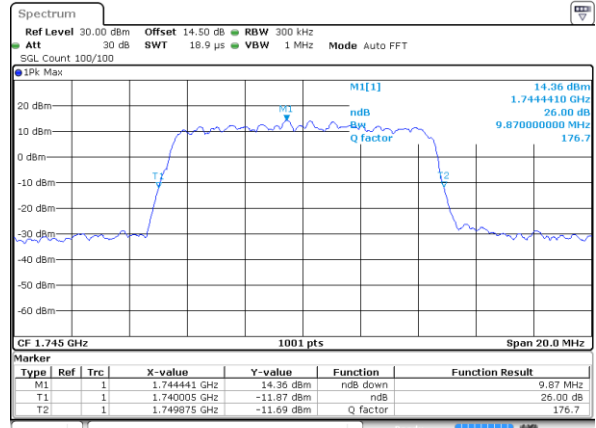


LTE Band 66

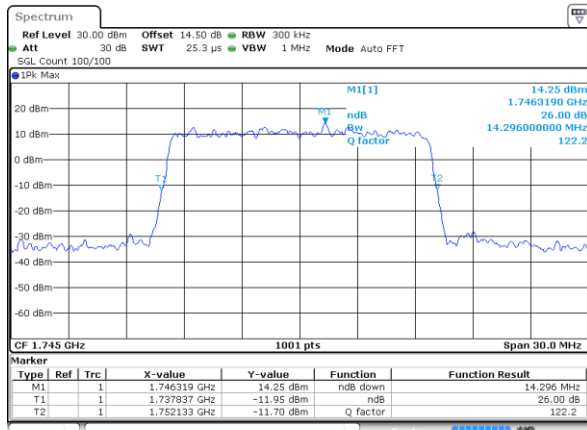
Middle Channel / 10MHz / QPSK



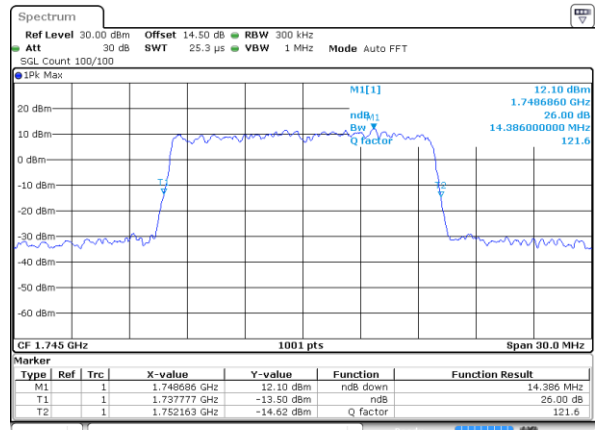
Middle Channel / 10MHz / 16QAM



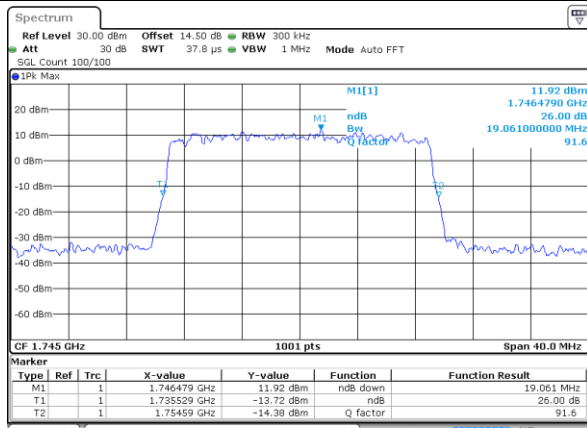
Middle Channel / 15MHz / QPSK



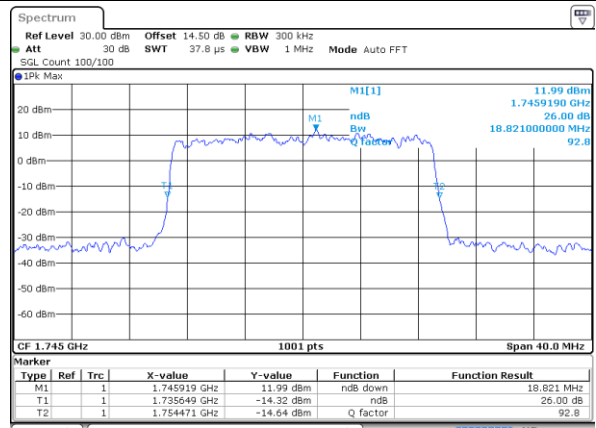
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





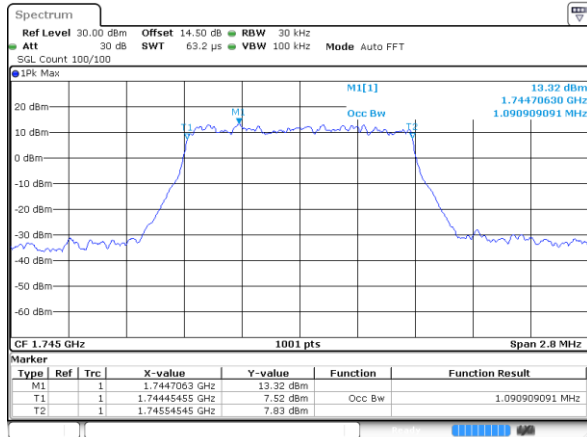
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.70	2.71	4.48	4.50	9.05	9.05	13.40	13.40	17.82	17.86



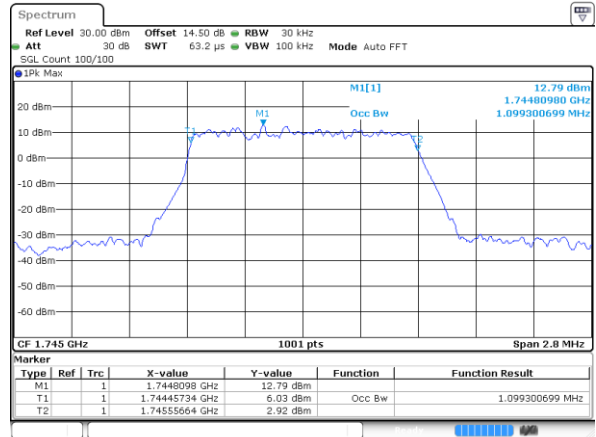
LTE Band 66

Middle Channel / 1.4MHz / QPSK



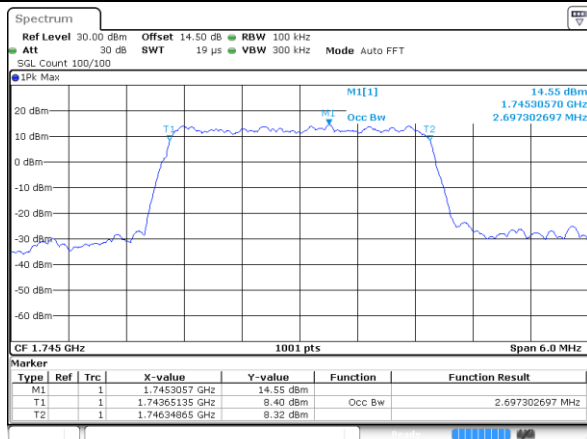
Date: 31 MAR 2025 20:23:45

Middle Channel / 1.4MHz / 16QAM



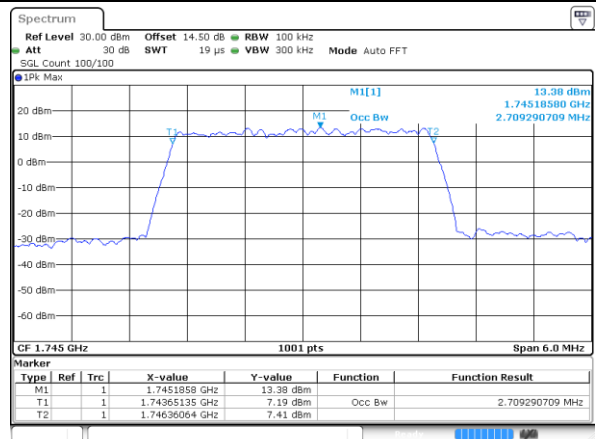
Date: 31 MAR 2025 20:24:25

Middle Channel / 3MHz / QPSK



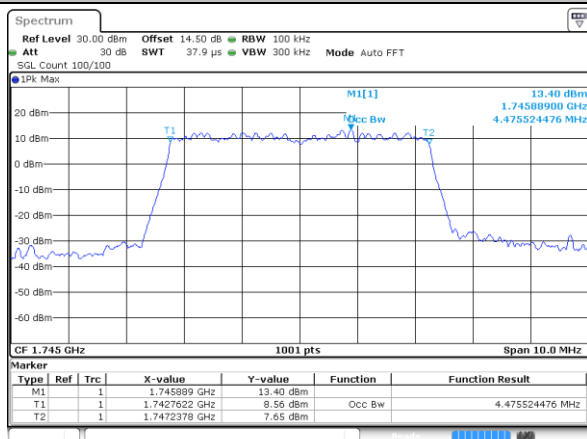
Date: 31 MAR 2025 20:39:53

Middle Channel / 3MHz / 16QAM



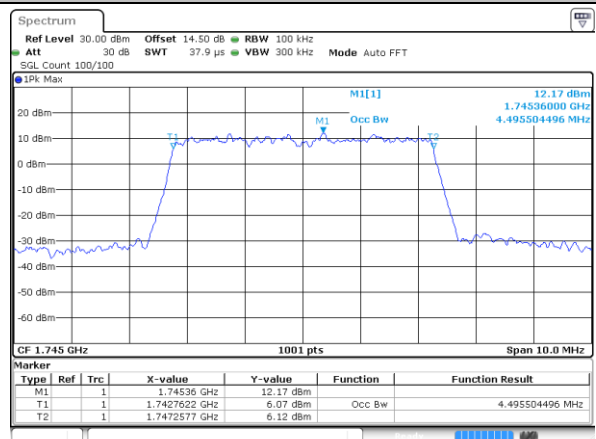
Date: 31 MAR 2025 20:40:33

Middle Channel / 5MHz / QPSK



Date: 31 MAR 2025 20:55:58

Middle Channel / 5MHz / 16QAM

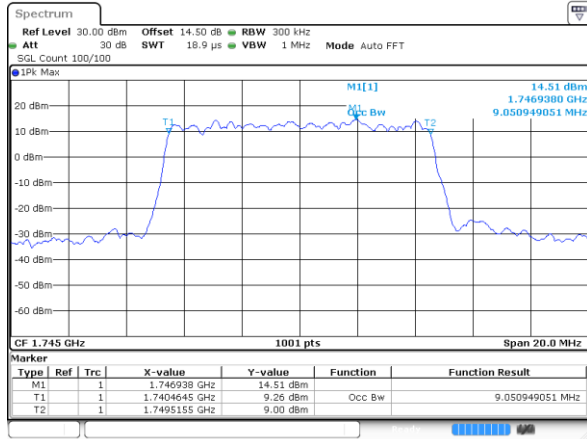


Date: 31 MAR 2025 20:56:37



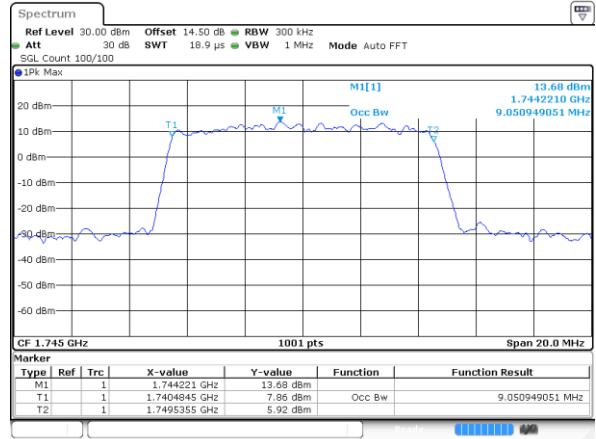
LTE Band 66

Middle Channel / 10MHz / QPSK



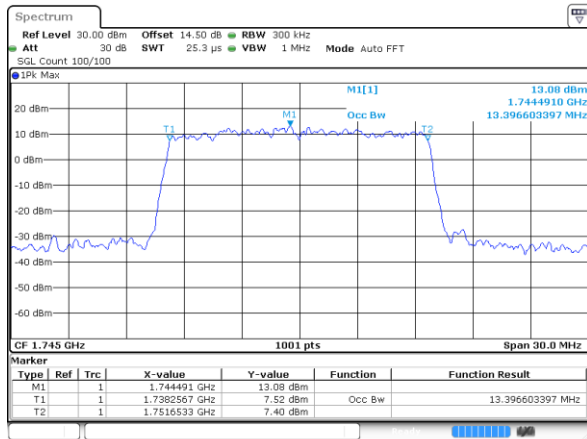
Date: 31 MAR 2025 21:12:04

Middle Channel / 10MHz / 16QAM



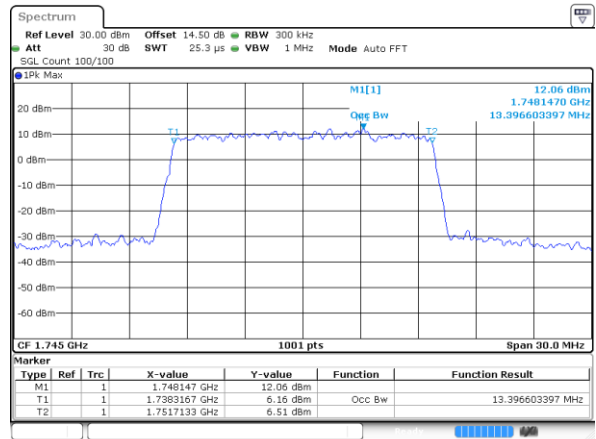
Date: 31 MAR 2025 21:12:44

Middle Channel / 15MHz / QPSK



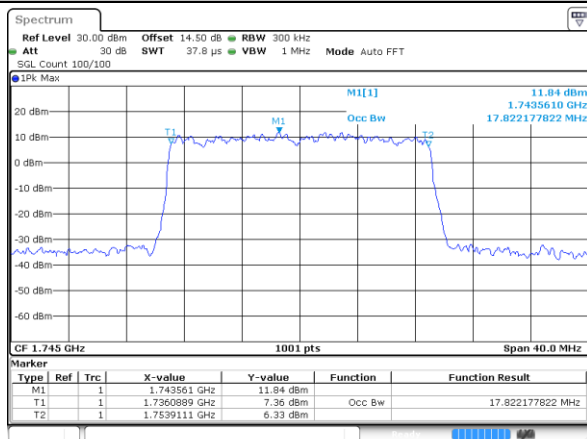
Date: 31 MAR 2025 21:28:08

Middle Channel / 15MHz / 16QAM



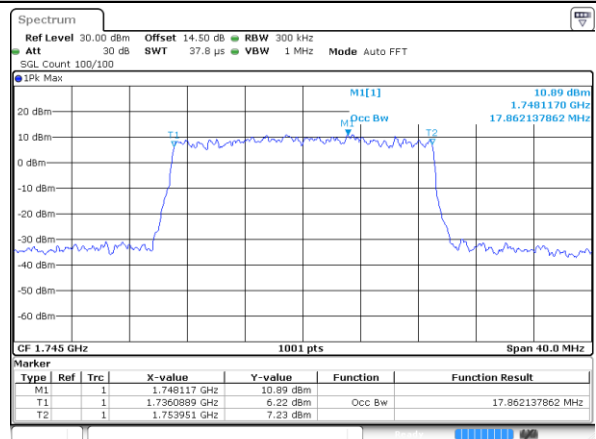
Date: 31 MAR 2025 21:28:48

Middle Channel / 20MHz / QPSK



Date: 31 MAR 2025 21:44:18

Middle Channel / 20MHz / 16QAM



Date: 31 MAR 2025 21:44:58