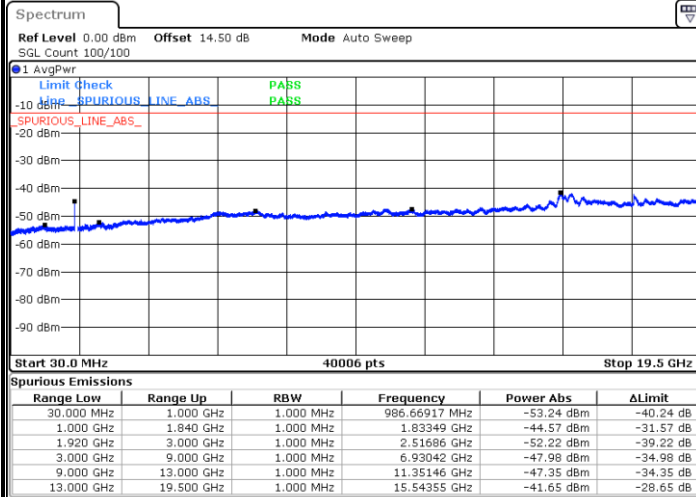




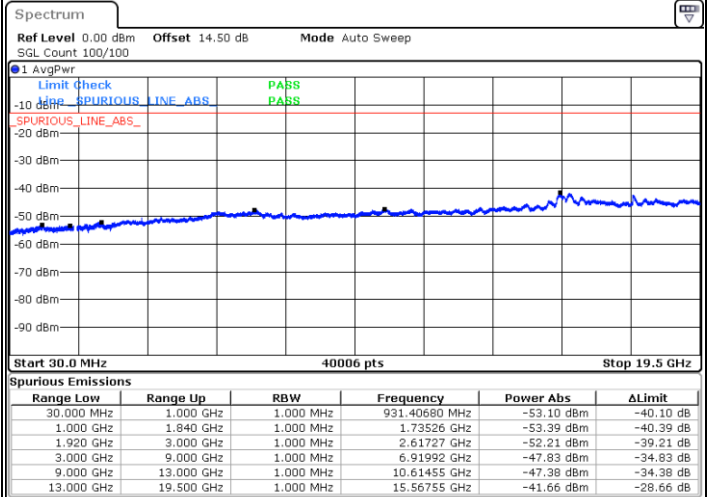
LTE Band 2 / 20MHz

Lowest Channel / QPSK



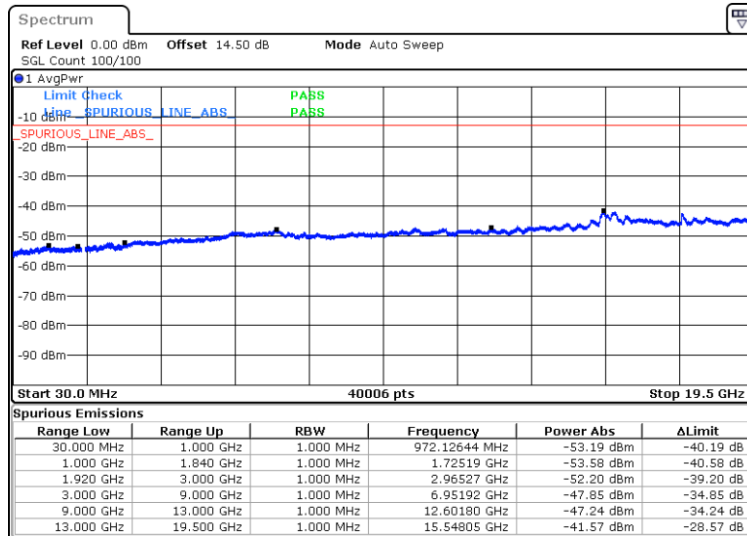
Date: 23.MAR.2026 13:53:33

Middle Channel / QPSK



Date: 23.MAR.2026 13:54:38

Highest Channel / QPSK



Date: 23.MAR.2026 14:02:31

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0002	

Note:

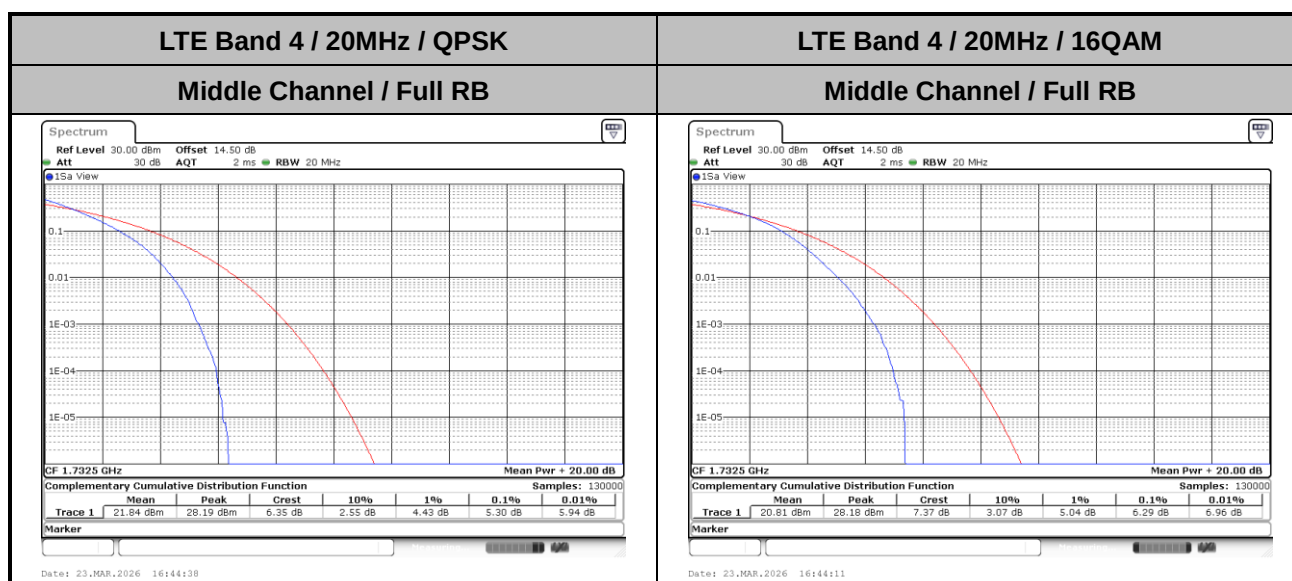
1. Normal Voltage = 7.8V. ; Minimum Voltage= 6 V. ; Maximum Voltage =8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	-	Limit: 13dB
RB Size	Full RB	Full RB	-	Result
Middle CH	5.30	6.29	-	PASS





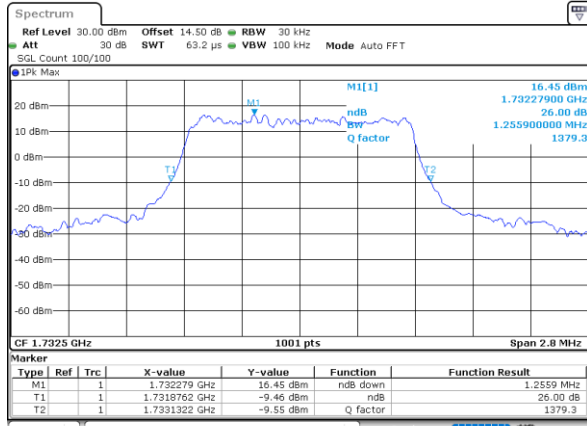
26dB Bandwidth

Mode	LTE Band 4 : 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	1.30	2.99	3.01	4.95	4.85	9.71	9.91	14.24	14.24	18.62	19.06

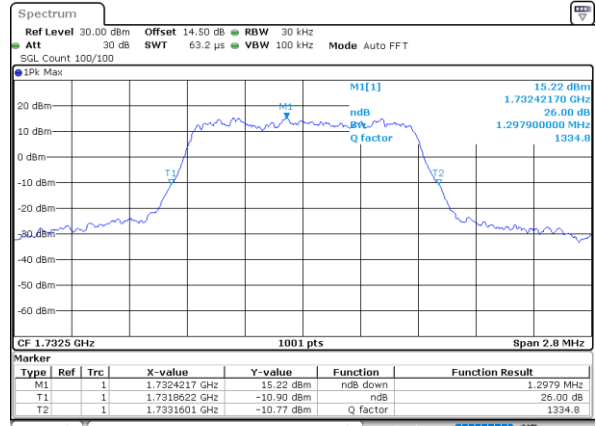


LTE Band 4

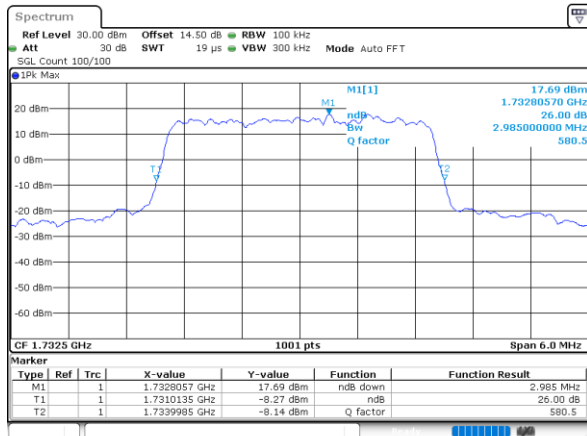
Middle Channel / 1.4MHz / QPSK



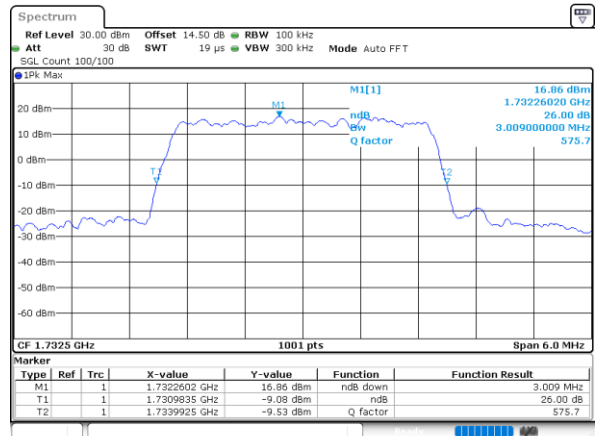
Middle Channel / 1.4MHz / 16QAM



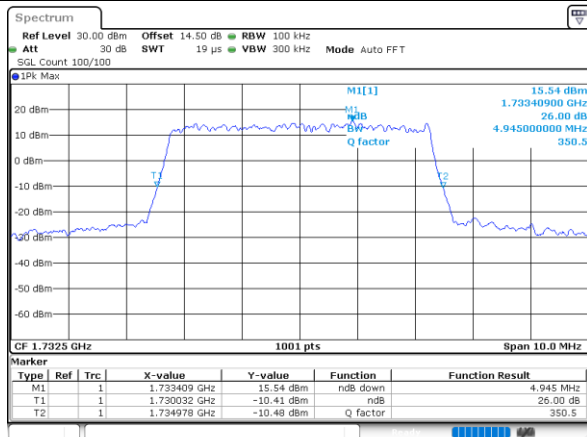
Middle Channel / 3MHz / QPSK



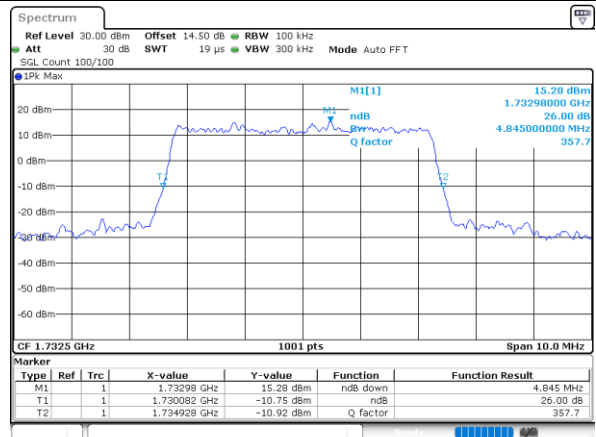
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



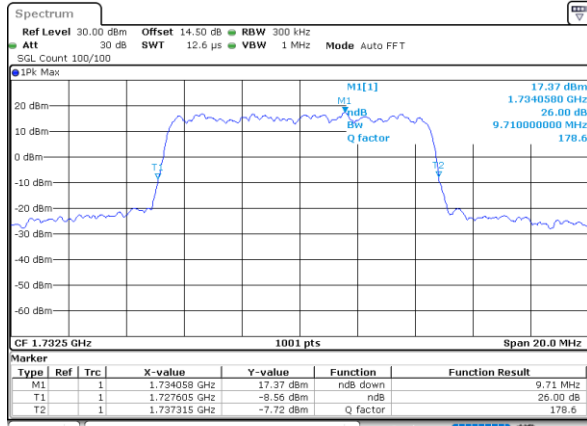
Middle Channel / 5MHz / 16QAM





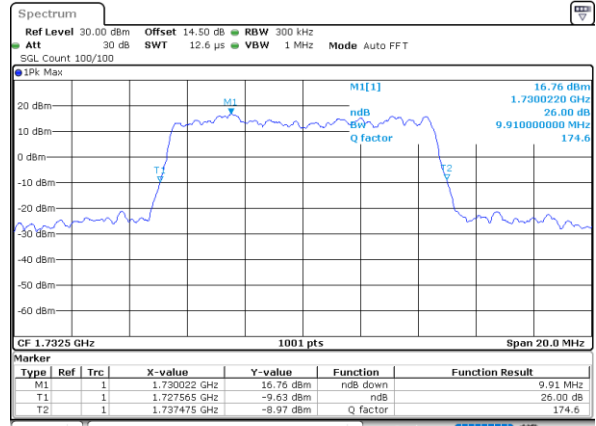
LTE Band 4

Middle Channel / 10MHz / QPSK



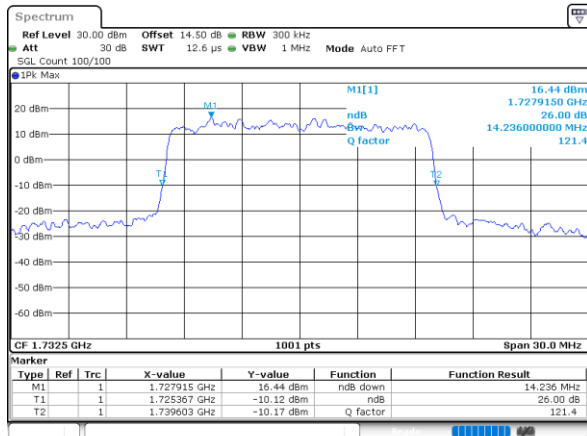
Date: 23.MAR.2026 16:10:43

Middle Channel / 10MHz / 16QAM



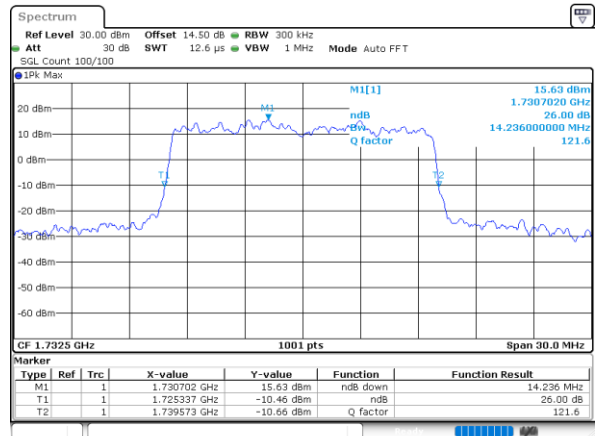
Date: 23.MAR.2026 16:11:23

Middle Channel / 15MHz / QPSK



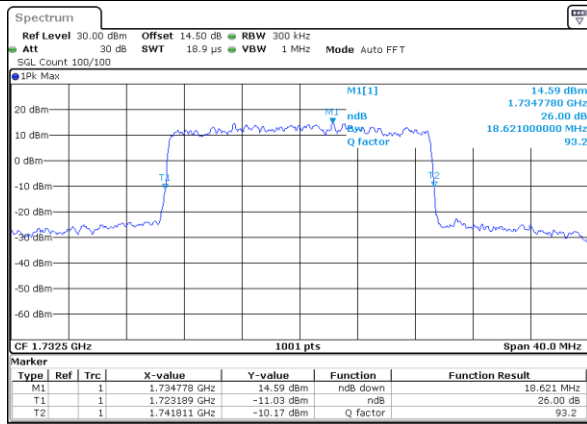
Date: 23.MAR.2026 16:26:19

Middle Channel / 15MHz / 16QAM



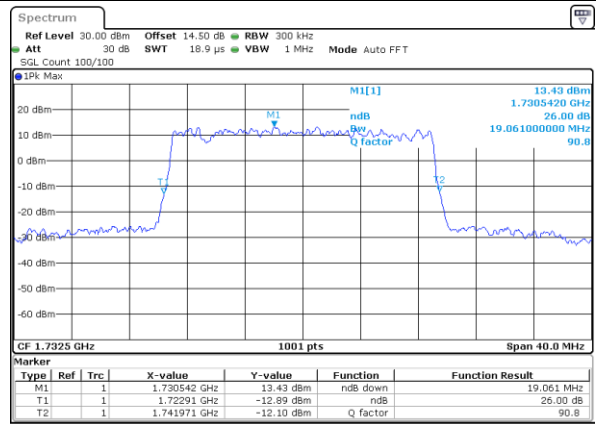
Date: 23.MAR.2026 16:26:58

Middle Channel / 20MHz / QPSK



Date: 23.MAR.2026 16:42:39

Middle Channel / 20MHz / 16QAM



Date: 23.MAR.2026 16:43:18



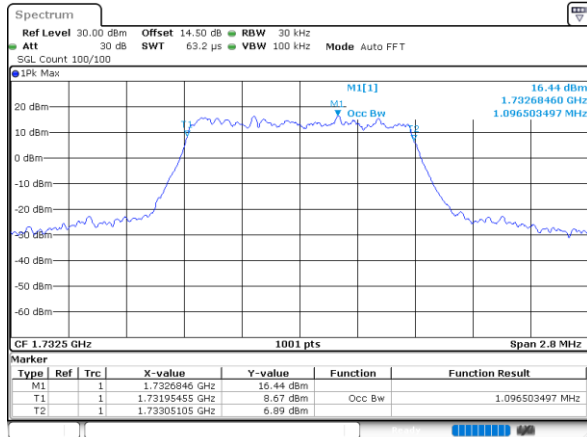
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.10	2.71	2.72	4.48	4.51	9.05	9.03	13.40	13.37	17.82	17.78

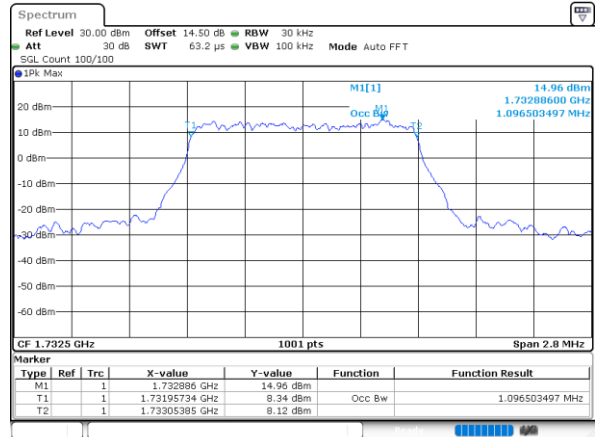


LTE Band 4

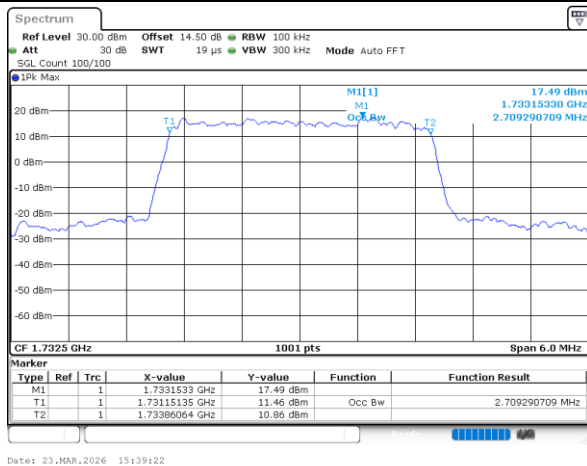
Middle Channel / 1.4MHz / QPSK



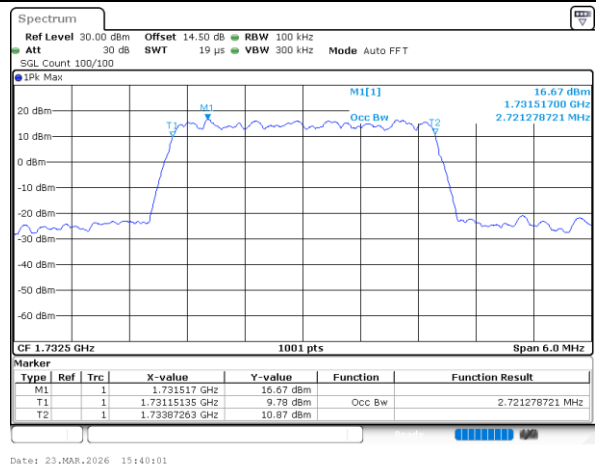
Middle Channel / 1.4MHz / 16QAM



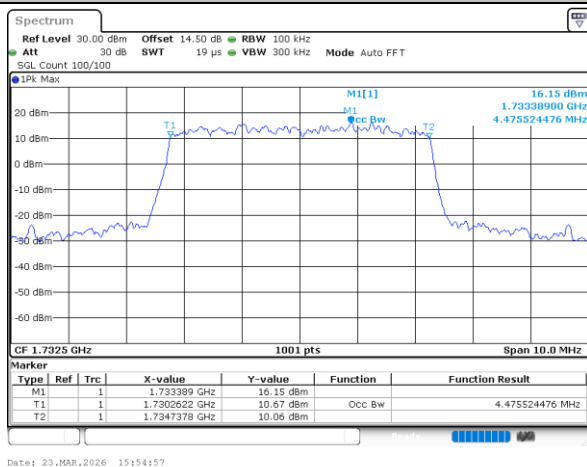
Middle Channel / 3MHz / QPSK



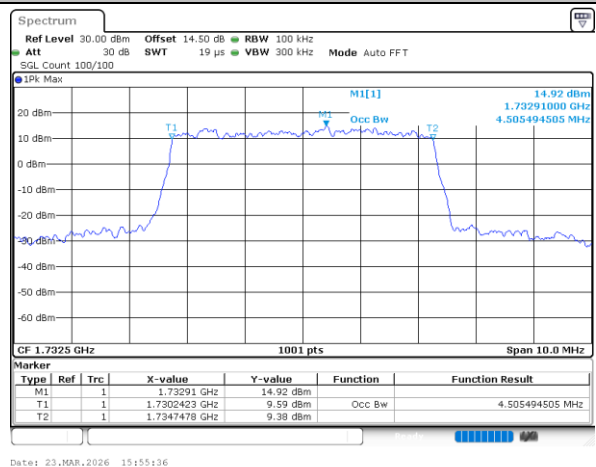
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



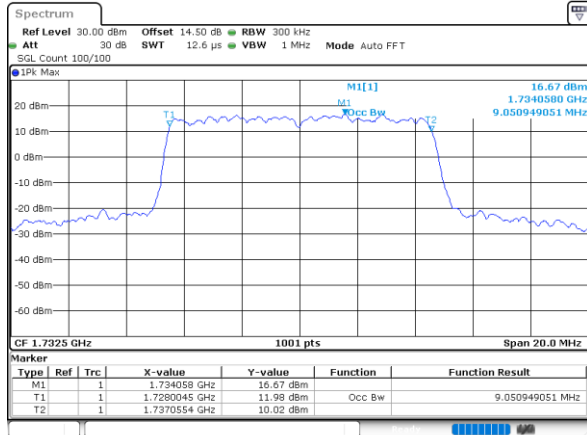
Middle Channel / 5MHz / 16QAM





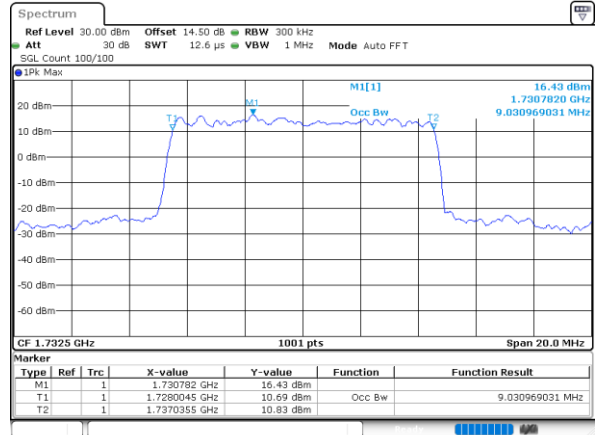
LTE Band 4

Middle Channel / 10MHz / QPSK



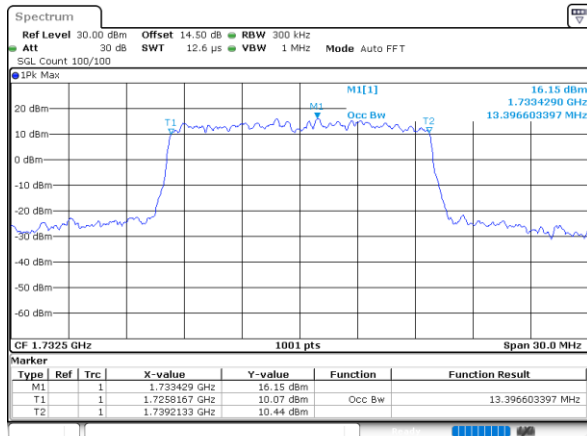
Date: 23.MAR.2026 16:10:29

Middle Channel / 10MHz / 16QAM



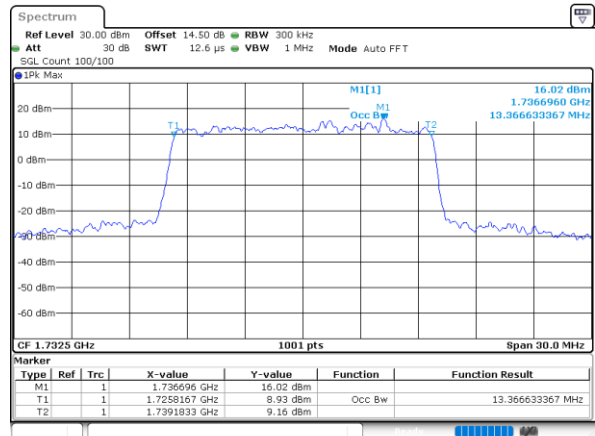
Date: 23.MAR.2026 16:11:09

Middle Channel / 15MHz / QPSK



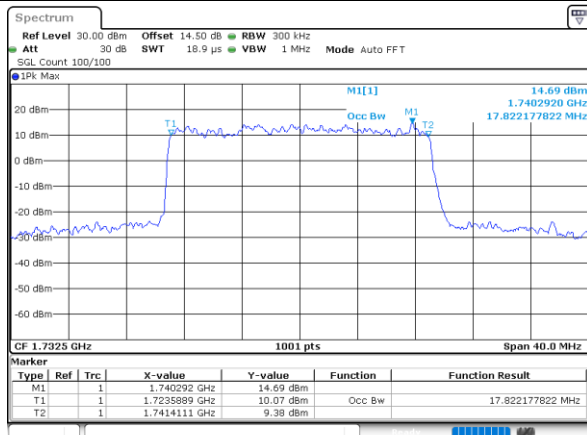
Date: 23.MAR.2026 16:26:05

Middle Channel / 15MHz / 16QAM



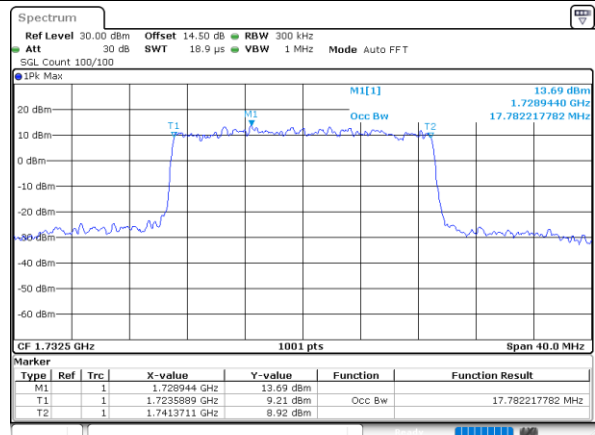
Date: 23.MAR.2026 16:26:44

Middle Channel / 20MHz / QPSK



Date: 23.MAR.2026 16:42:25

Middle Channel / 20MHz / 16QAM



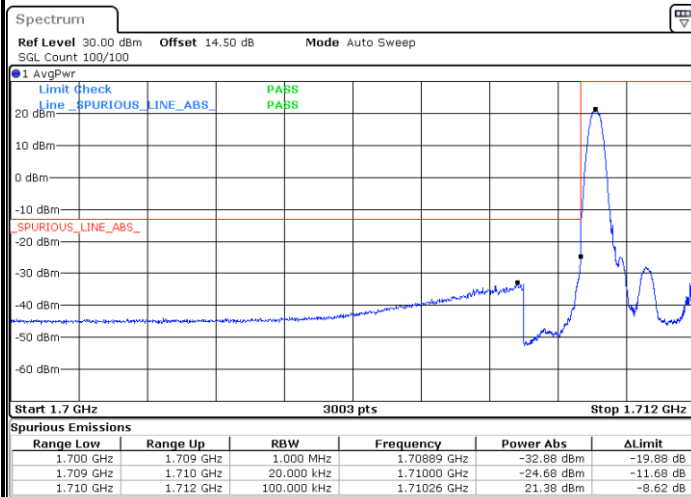
Date: 23.MAR.2026 16:43:04



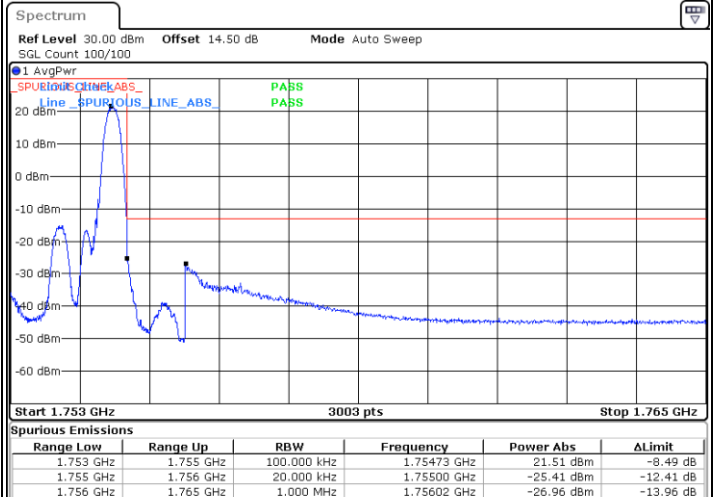
Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

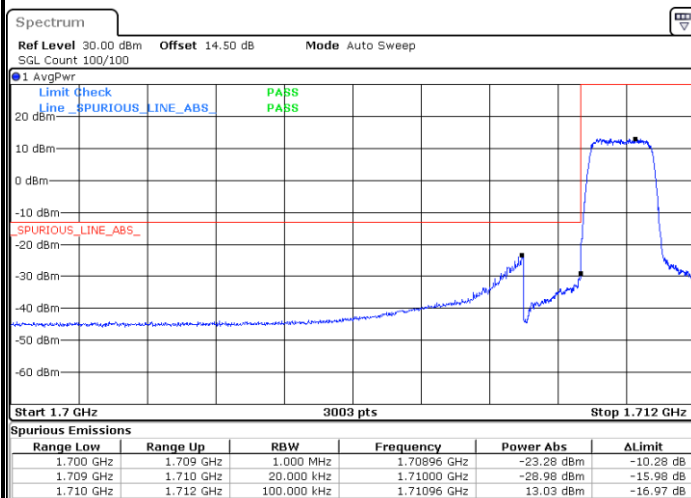
Lowest Band Edge / 1RB



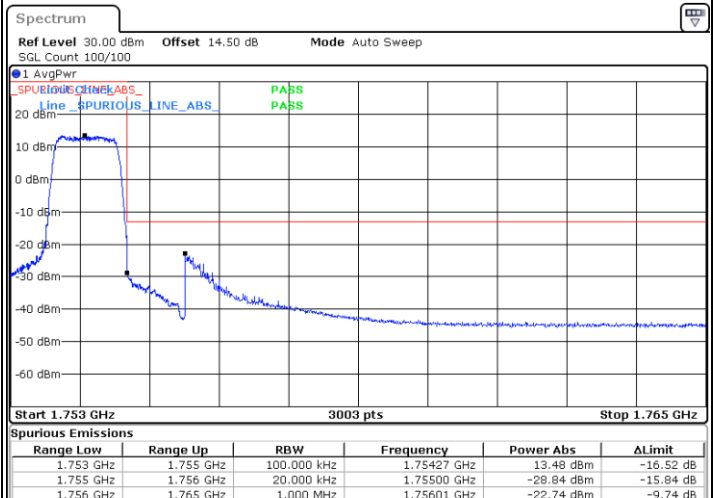
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



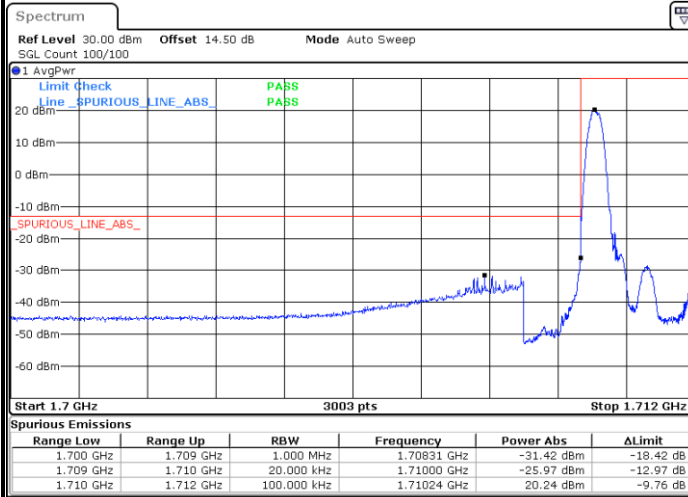
Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

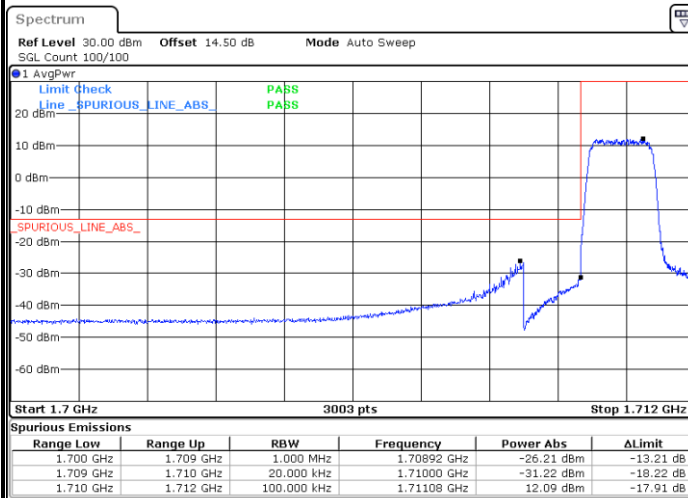
Lowest Band Edge / 1 RB



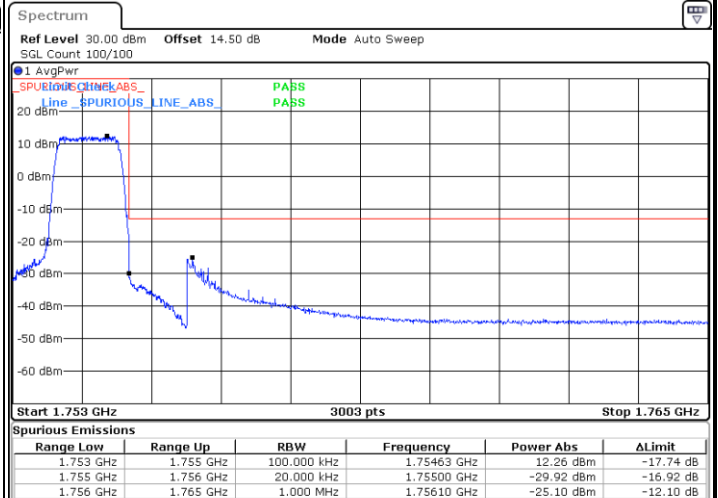
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



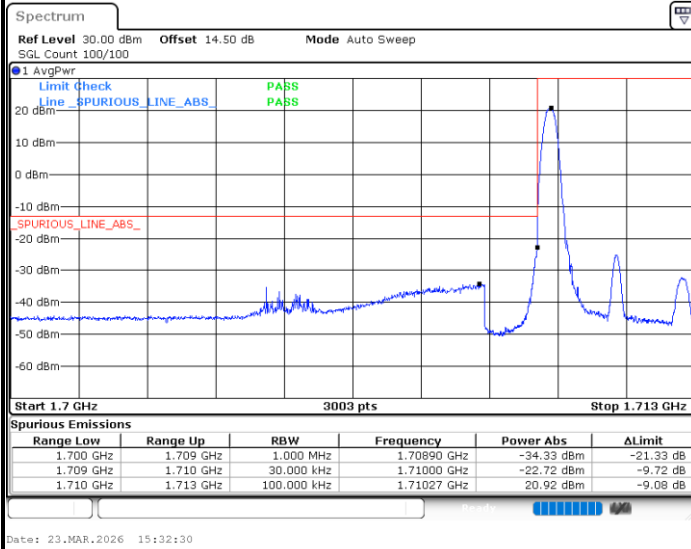
Highest Band Edge / Full RB



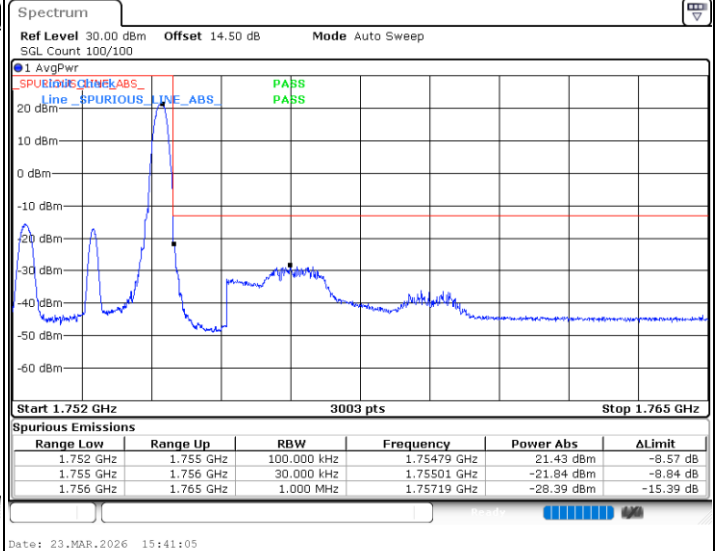


LTE Band 4 / 3MHz / QPSK

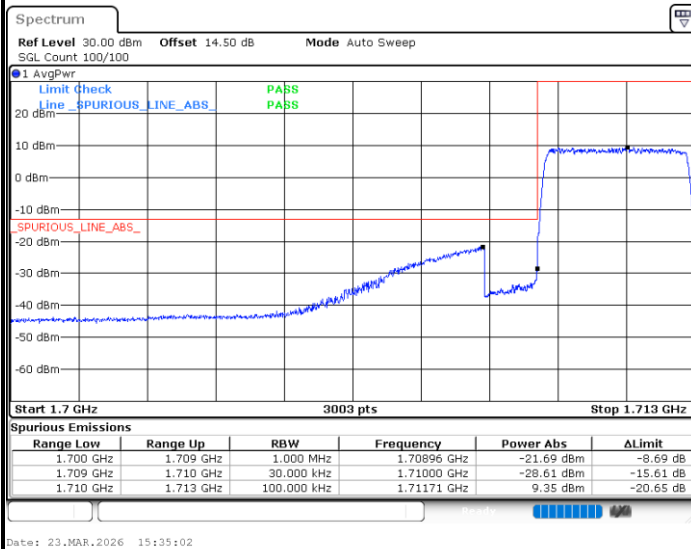
Lowest Band Edge / 1RB



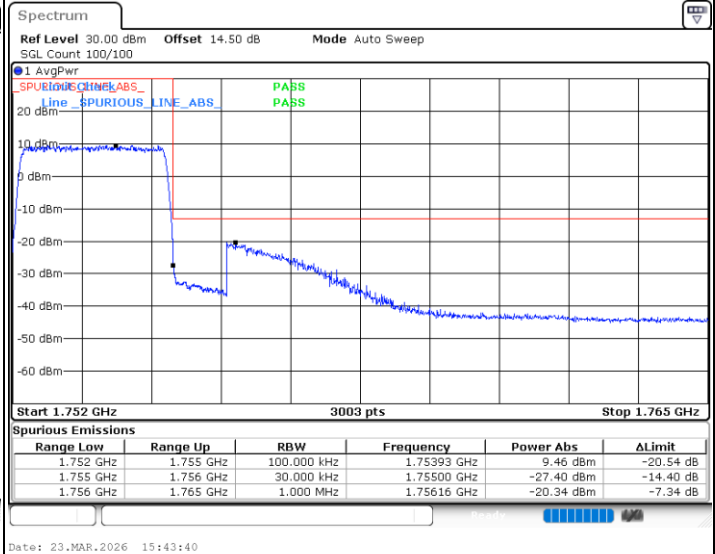
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



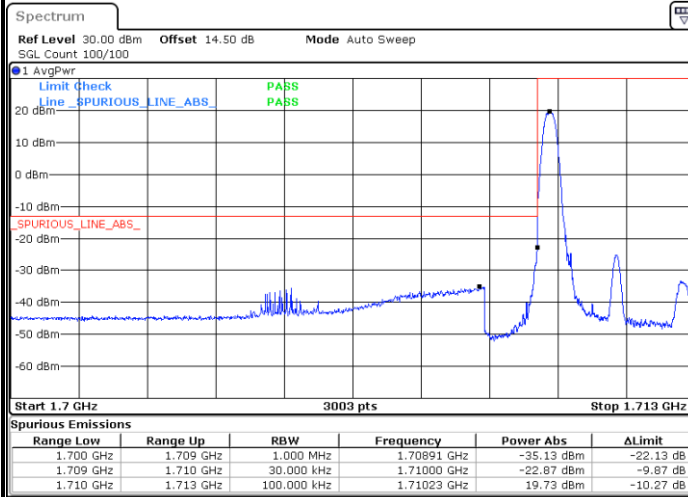
Highest Band Edge / Full RB



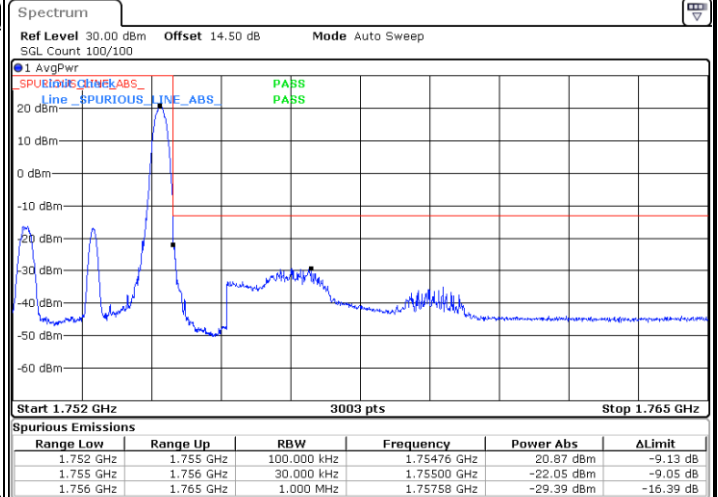


LTE Band 4 / 3MHz / 16QAM

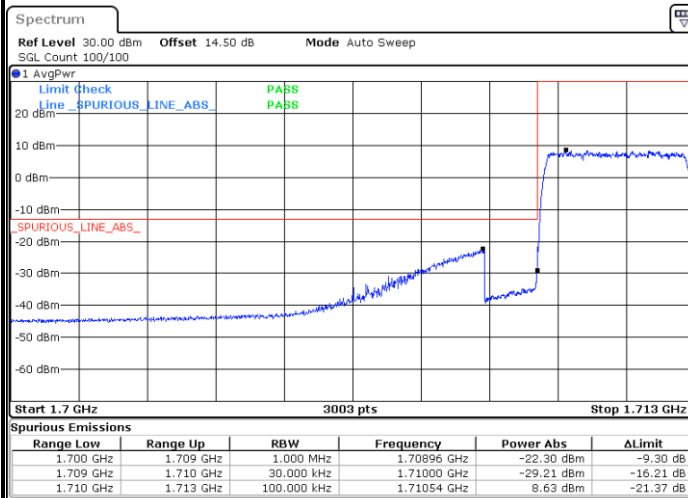
Lowest Band Edge / 1 RB



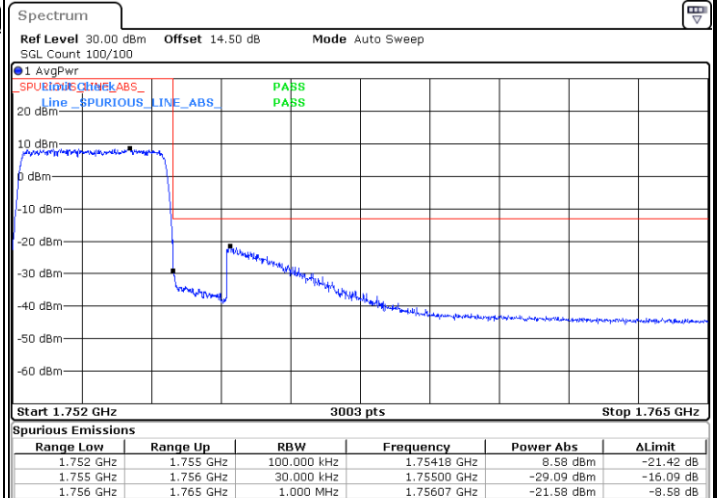
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



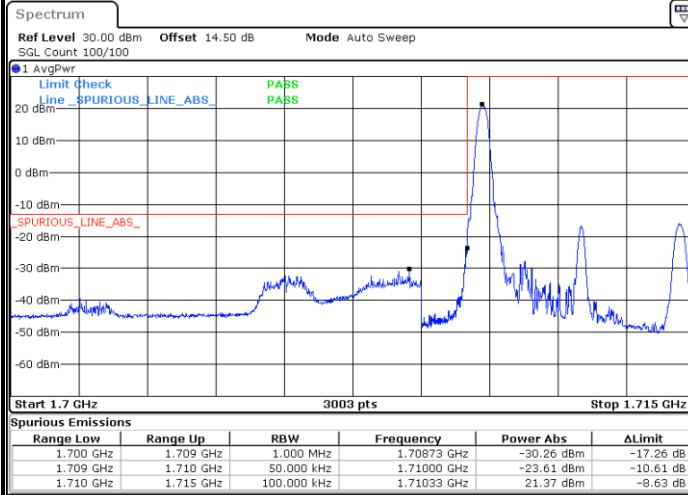
Highest Band Edge / Full RB



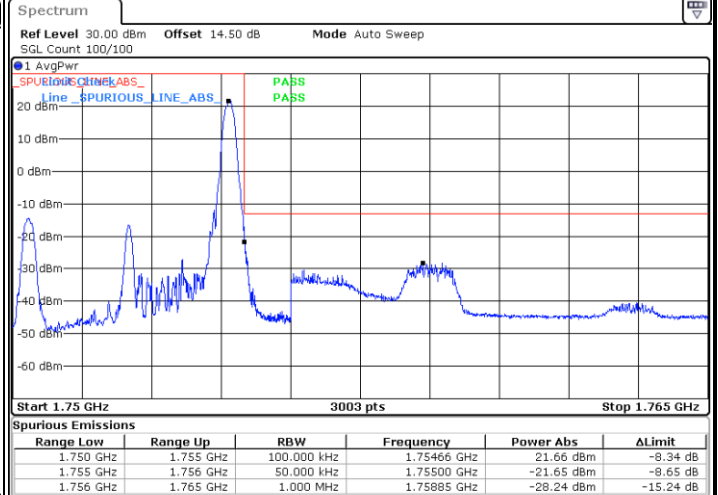


LTE Band 4 / 5MHz / QPSK

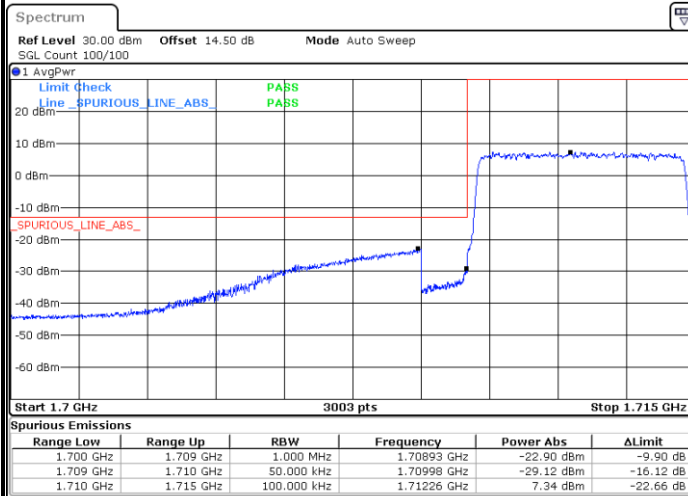
Lowest Band Edge / 1RB



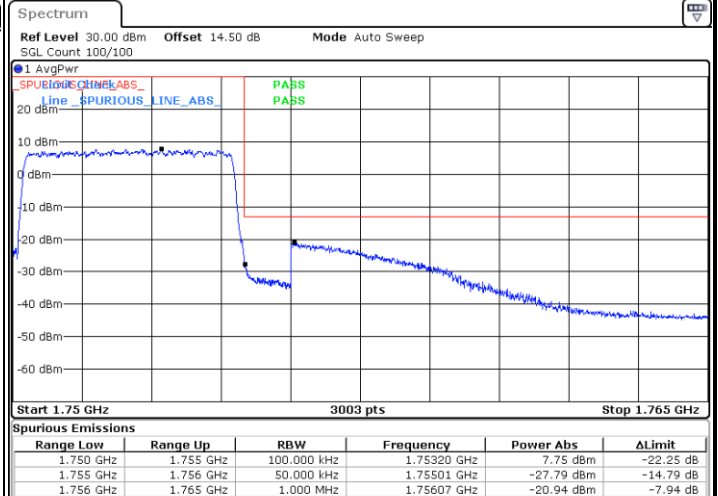
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



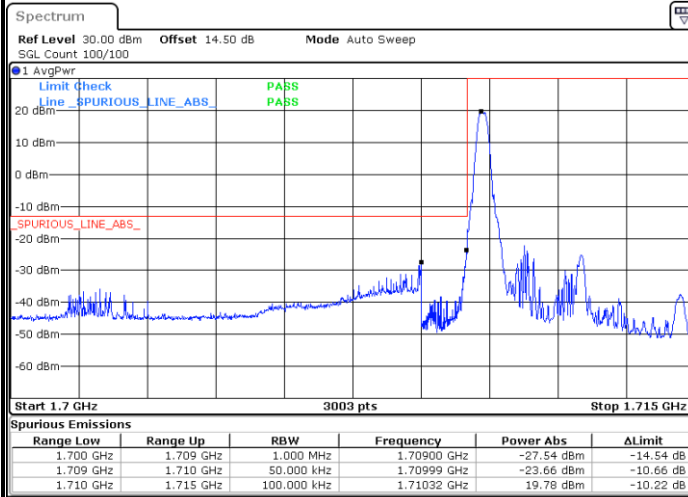
Highest Band Edge / Full RB





LTE Band 4 / 5MHz / 16QAM

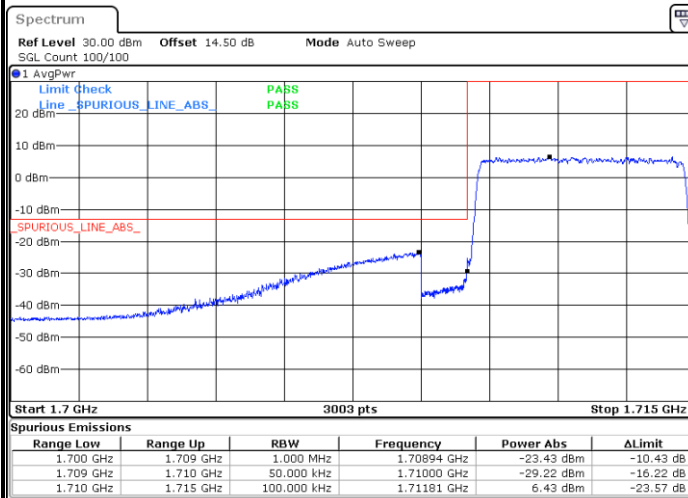
Lowest Band Edge / 1 RB



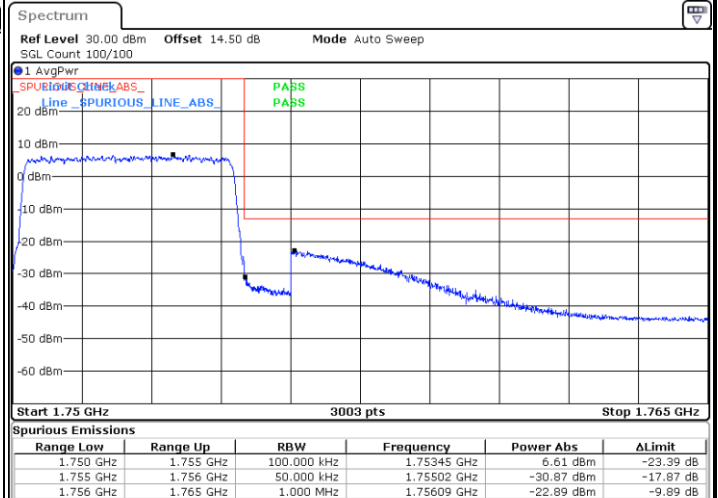
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



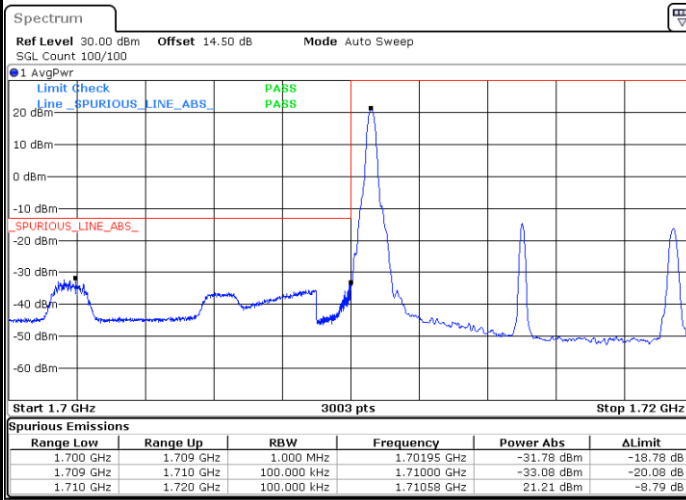
Highest Band Edge / Full RB





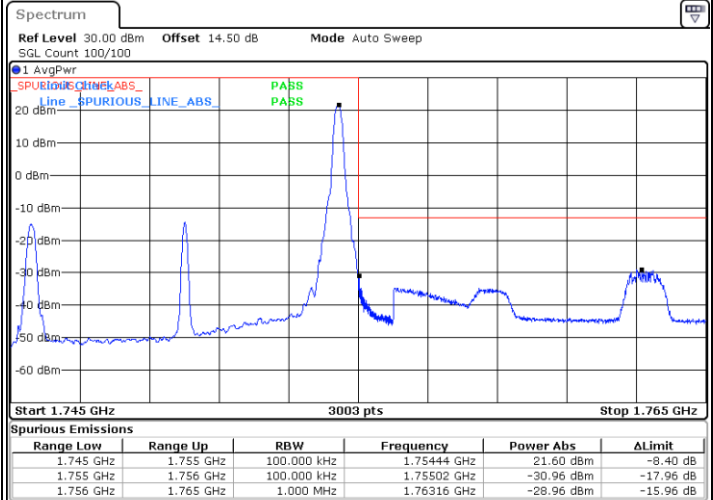
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1RB



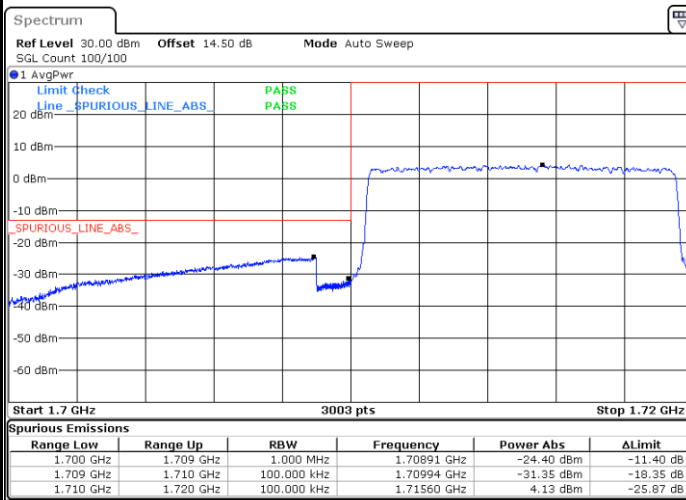
Date: 23.MAR.2026 16:03:35

Highest Band Edge / 1RB



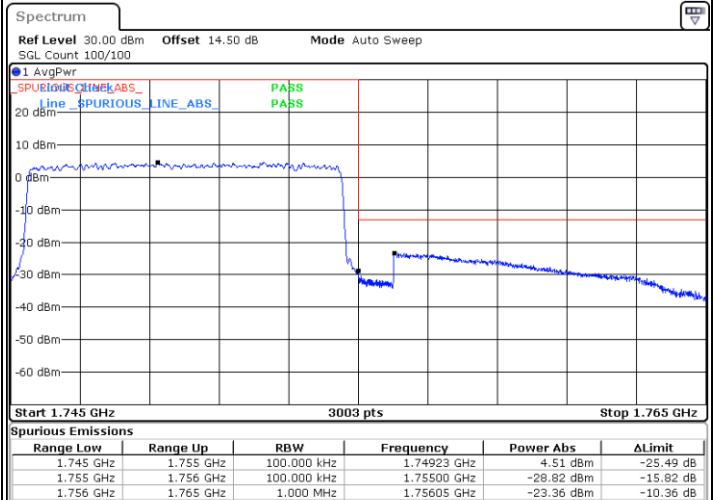
Date: 23.MAR.2026 16:12:13

Lowest Band Edge / Full RB



Date: 23.MAR.2026 16:06:10

Highest Band Edge / Full RB

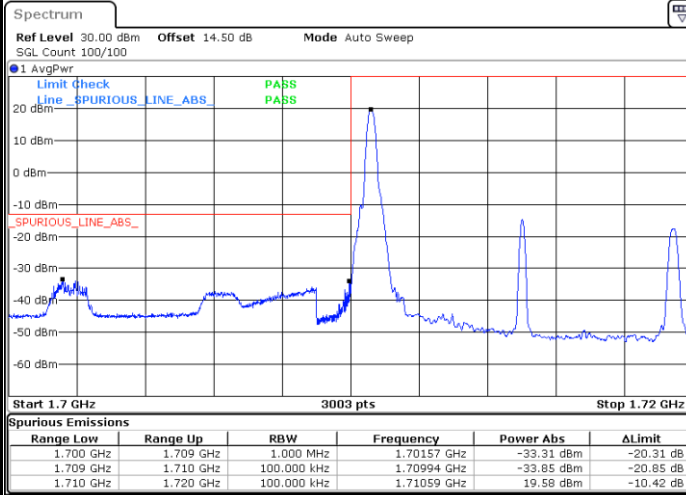


Date: 23.MAR.2026 16:14:48

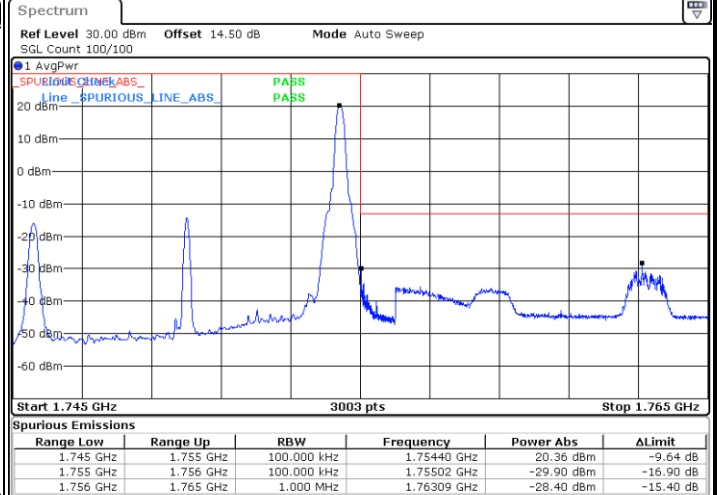


LTE Band 4 / 10MHz / 16QAM

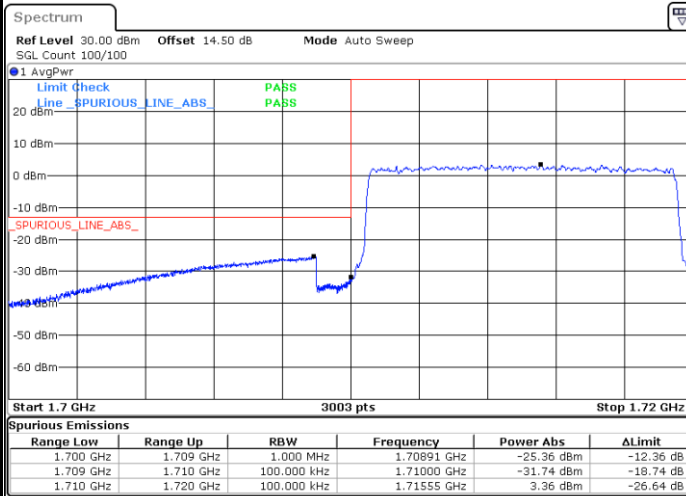
Lowest Band Edge / 1 RB



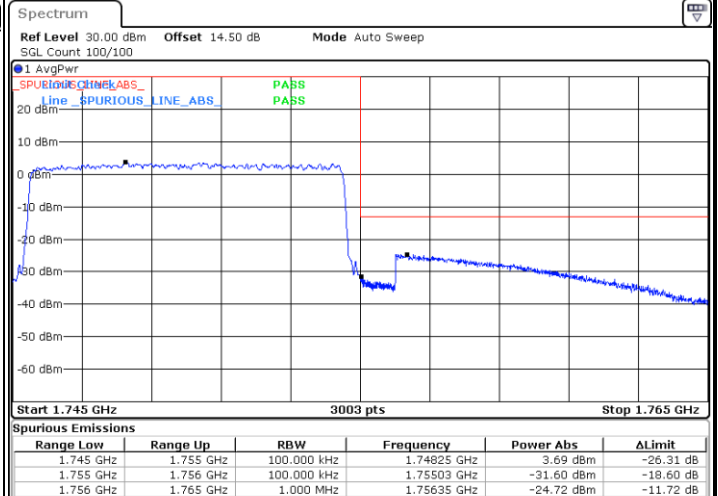
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



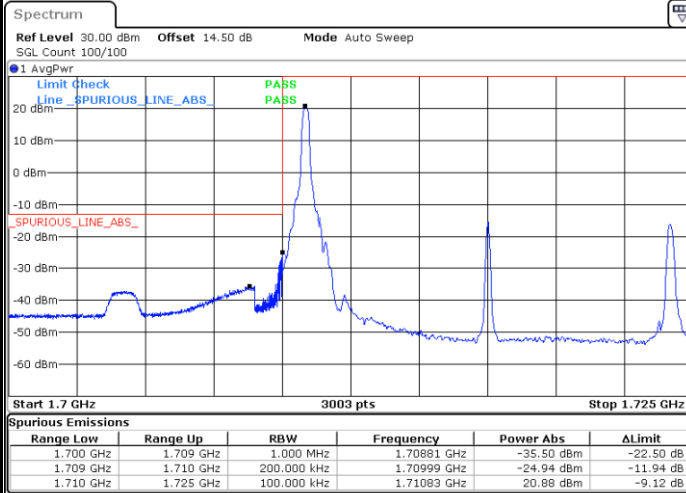
Highest Band Edge / Full RB



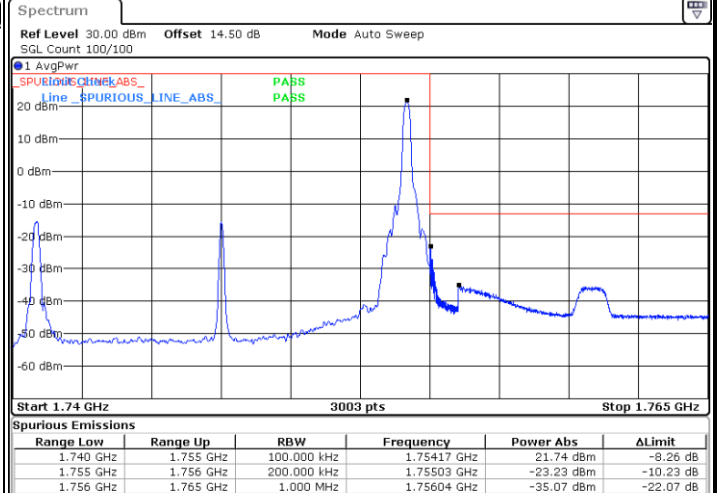


LTE Band 4 / 15MHz / QPSK

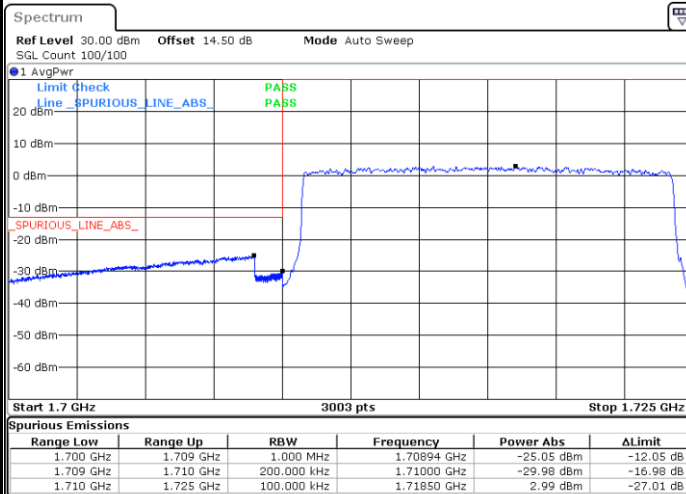
Lowest Band Edge / 1RB



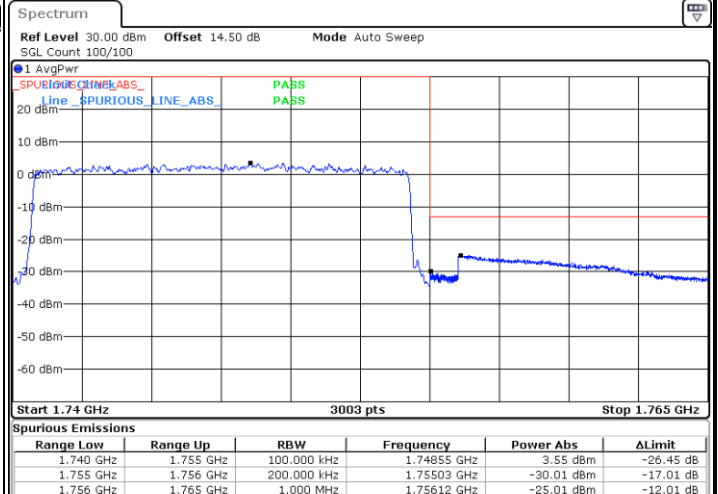
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



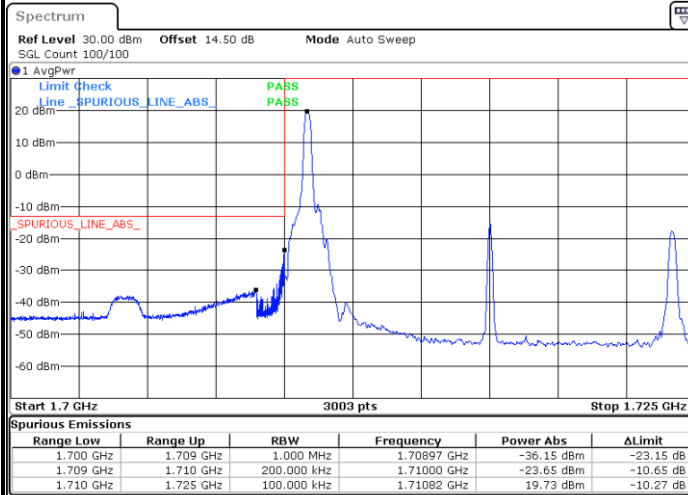
Highest Band Edge / Full RB



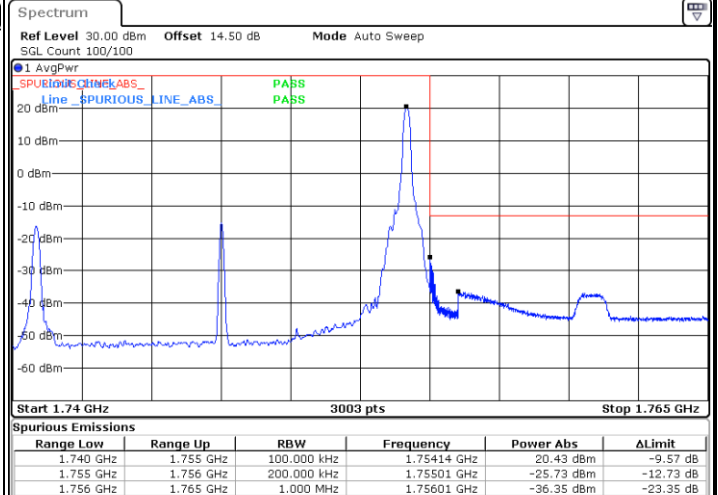


LTE Band 4 / 15MHz / 16QAM

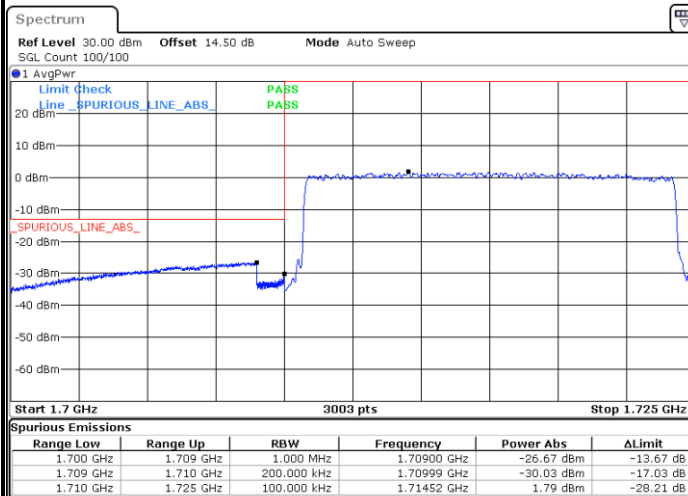
Lowest Band Edge / 1 RB



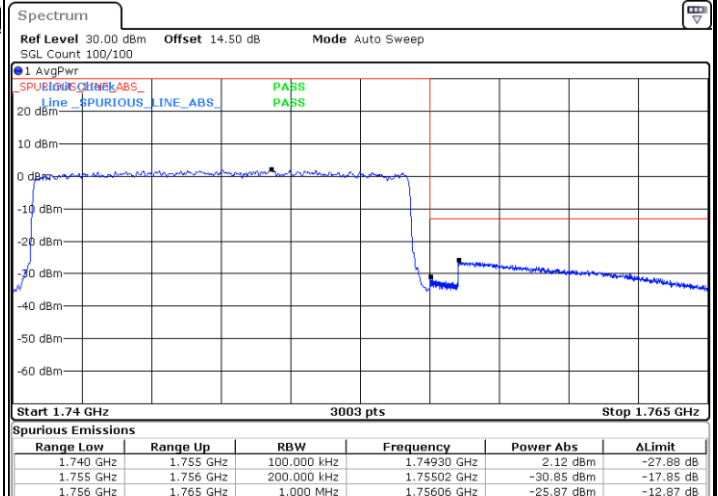
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



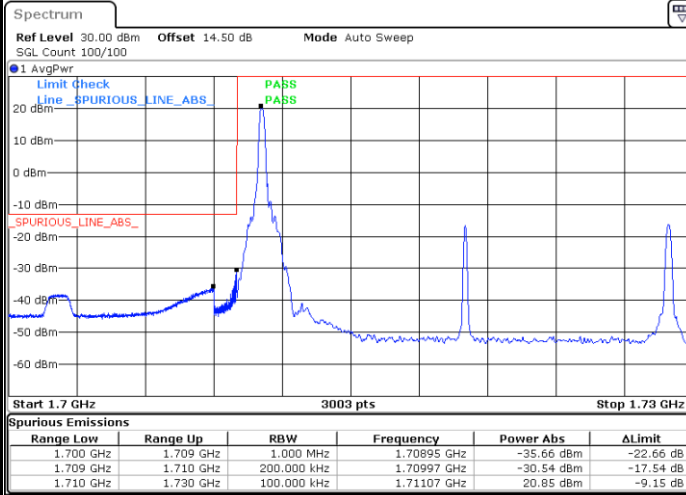
Highest Band Edge / Full RB



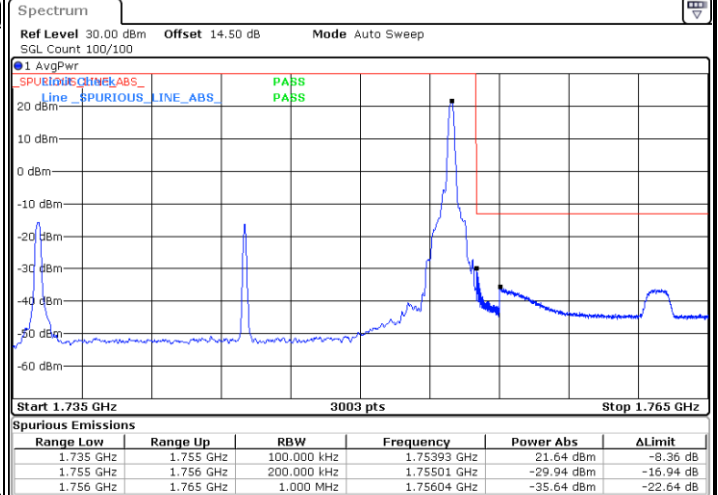


LTE Band 4 / 20MHz / QPSK

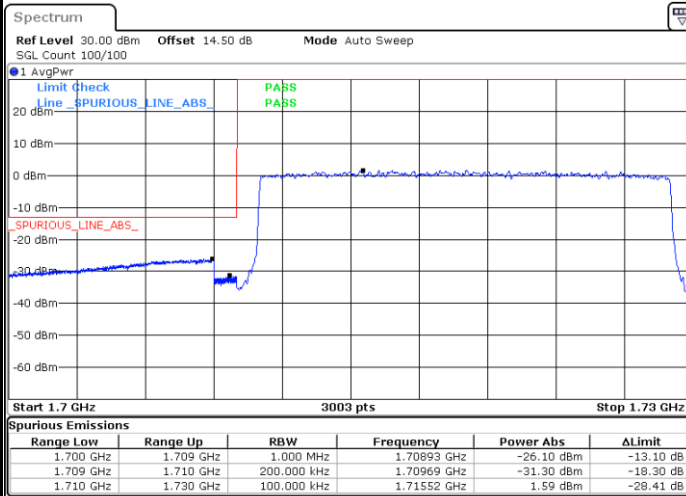
Lowest Band Edge / 1RB



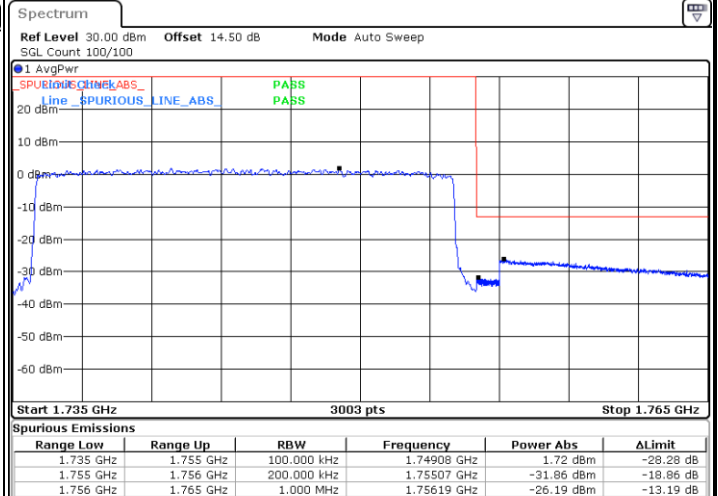
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



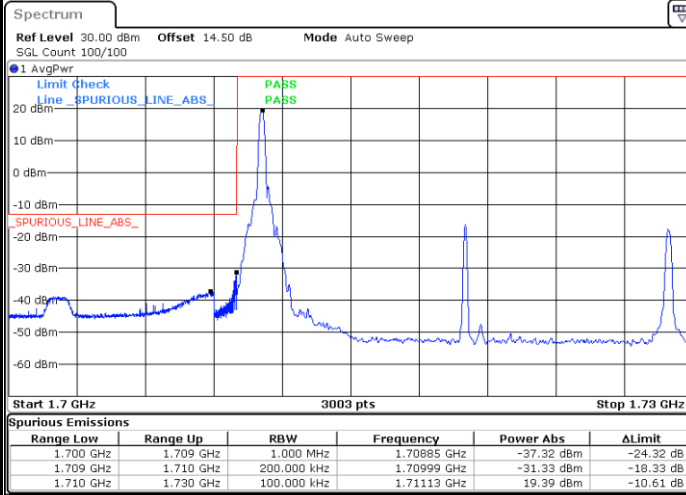
Highest Band Edge / Full RB



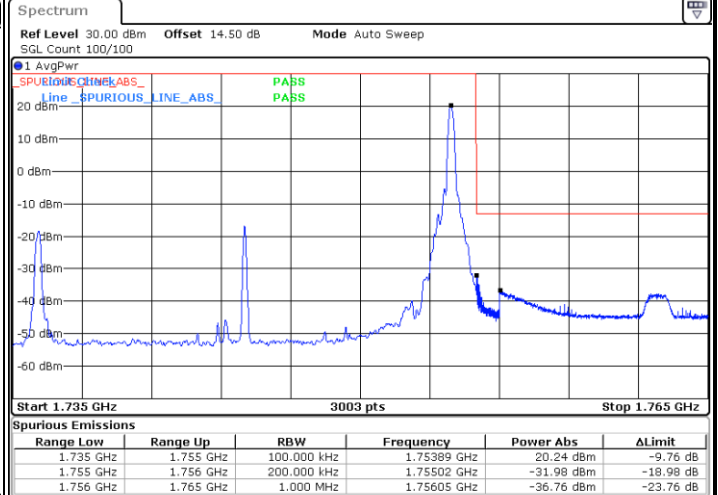


LTE Band 4 / 20MHz / 16QAM

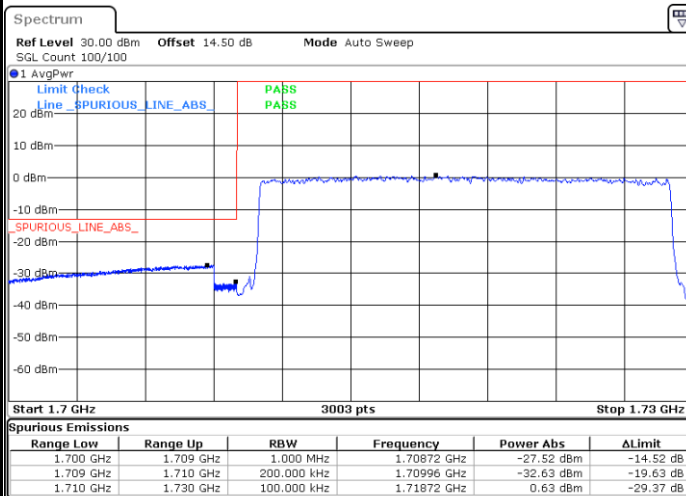
Lowest Band Edge / 1 RB



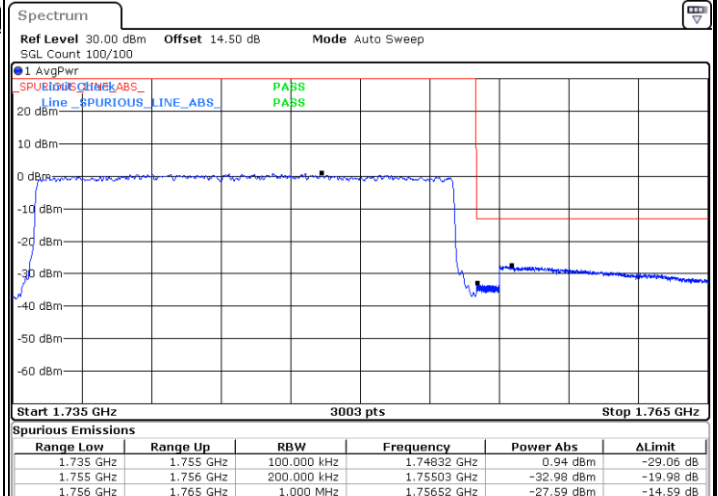
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Lowest Channel / QPSK



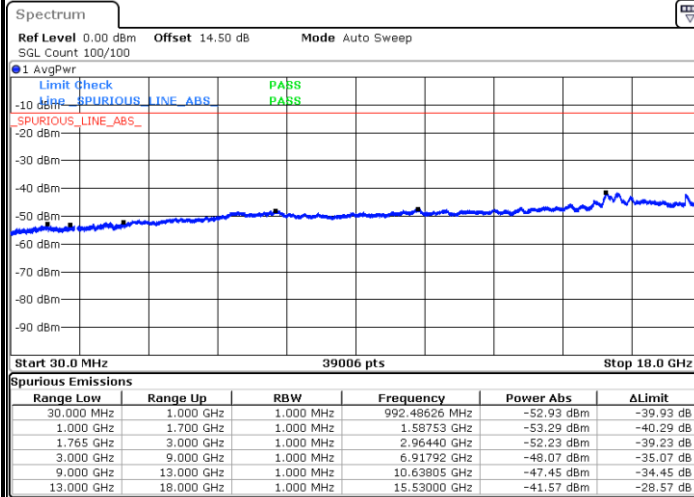
Date: 23.MAR.2026 15:23:26

Date: 23.MAR.2026 15:30:57



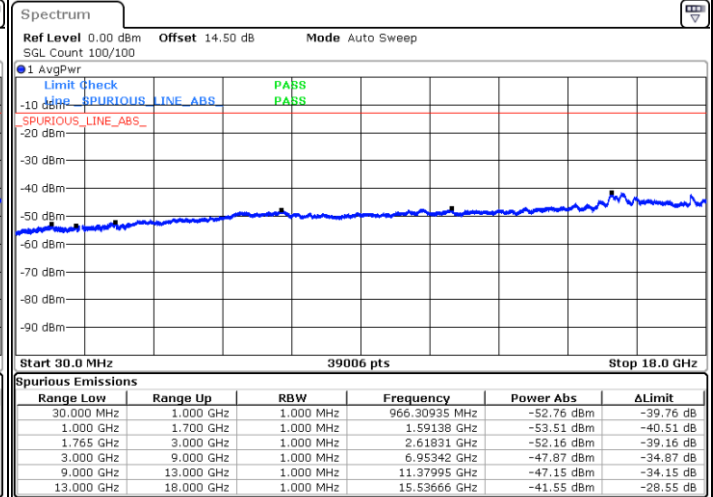
LTE Band 4 / 3MHz

Lowest Channel / QPSK



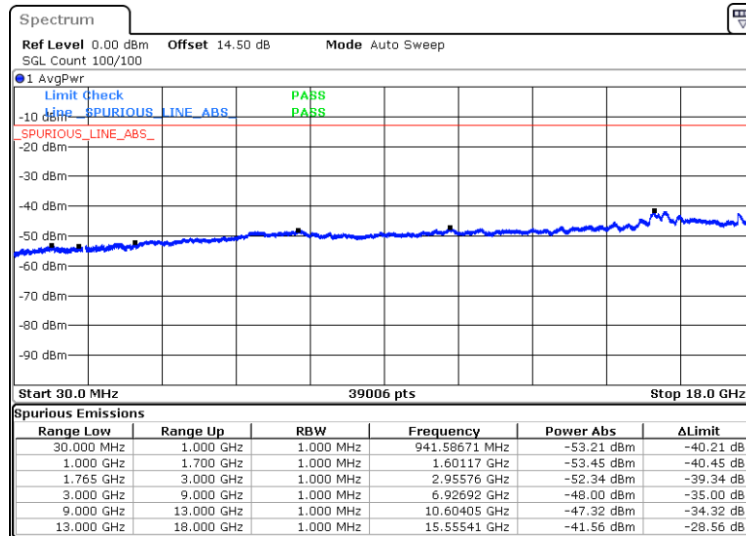
Date: 23.MAR.2026 15:37:52

Middle Channel / QPSK



Date: 23.MAR.2026 15:38:56

Highest Channel / QPSK

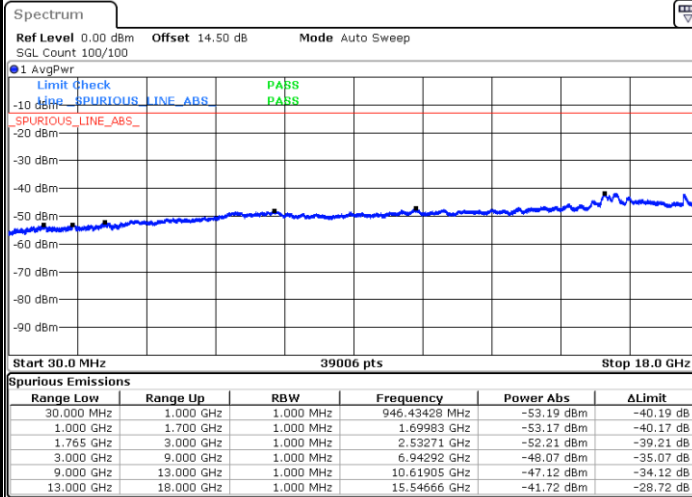


Date: 23.MAR.2026 15:46:29



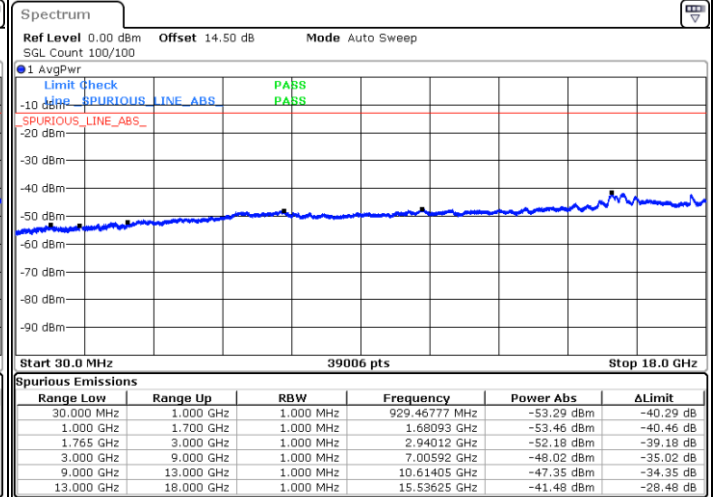
LTE Band 4 / 5MHz

Lowest Channel / QPSK



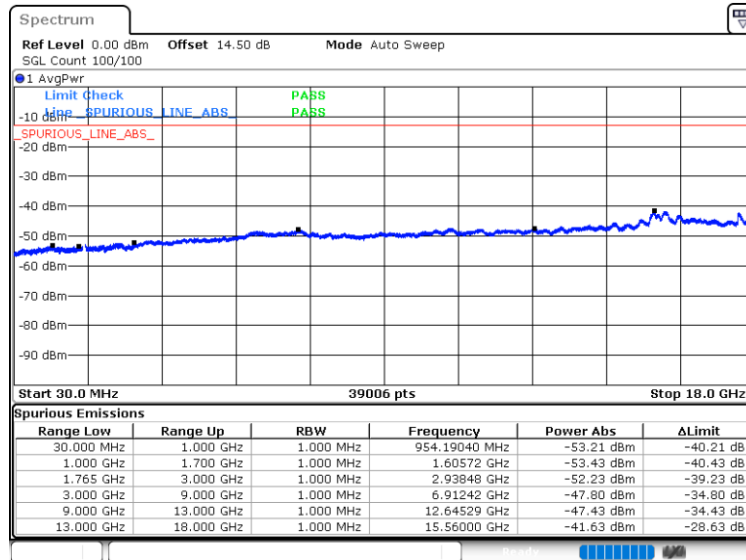
Date: 23.MAR.2026 15:53:27

Middle Channel / QPSK



Date: 23.MAR.2026 15:54:31

Highest Channel / QPSK

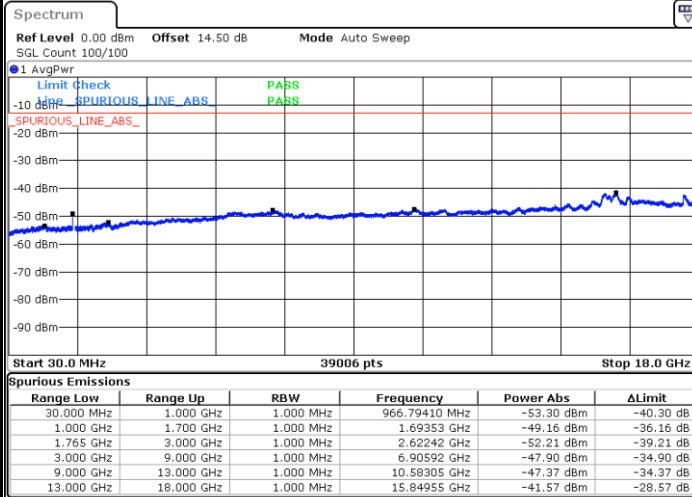


Date: 23.MAR.2026 16:02:02



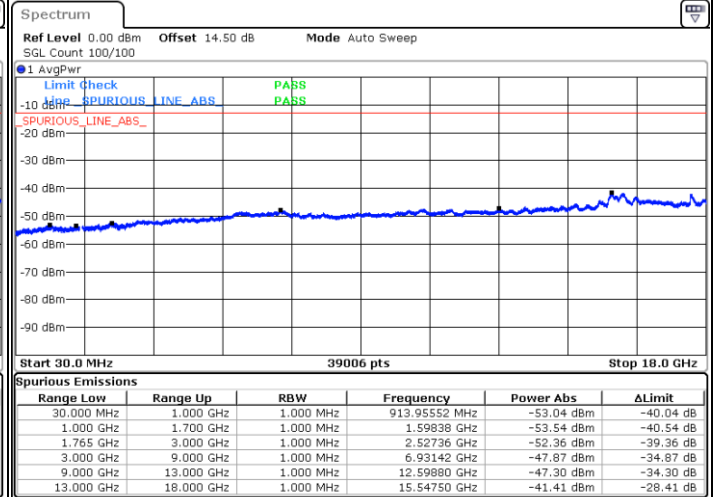
LTE Band 4 / 10MHz

Lowest Channel / QPSK



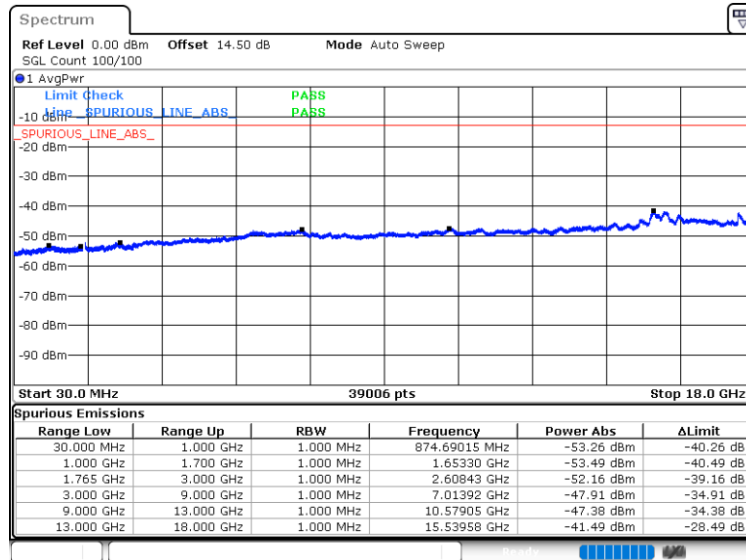
Date: 23.MAR.2026 16:08:59

Middle Channel / QPSK



Date: 23.MAR.2026 16:10:03

Highest Channel / QPSK

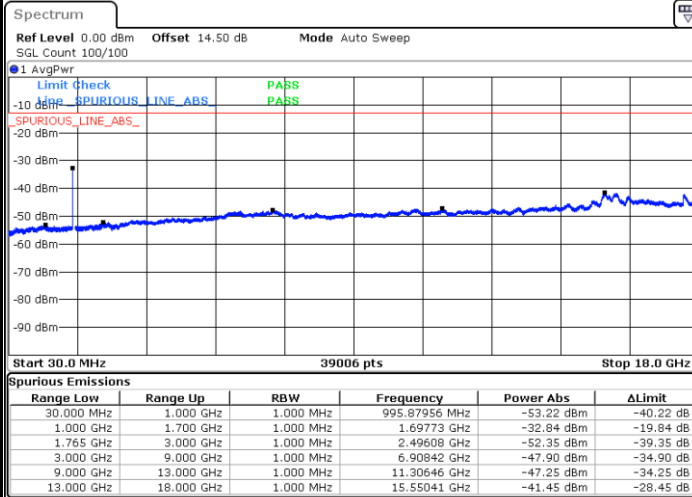


Date: 23.MAR.2026 16:17:37



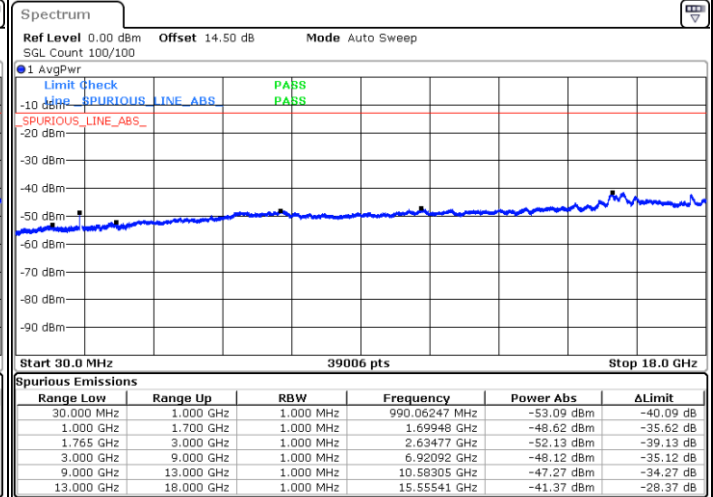
LTE Band 4 / 15MHz

Lowest Channel / QPSK



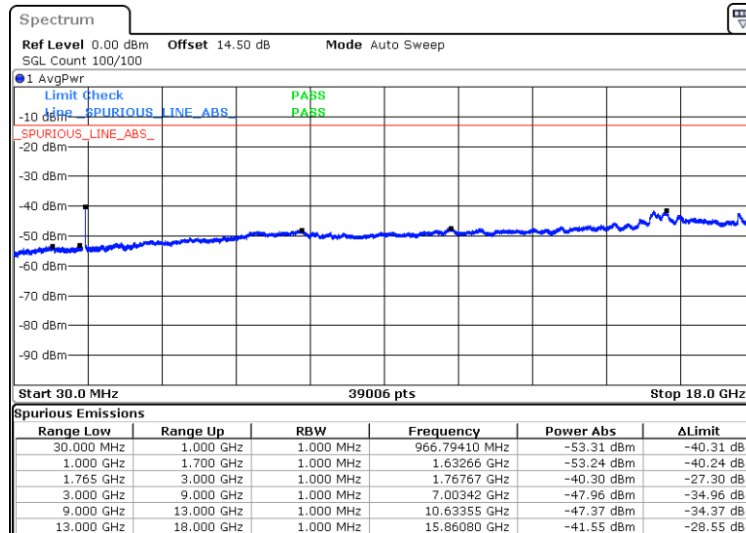
Date: 23.MAR.2026 16:24:34

Middle Channel / QPSK



Date: 23.MAR.2026 16:25:39

Highest Channel / QPSK

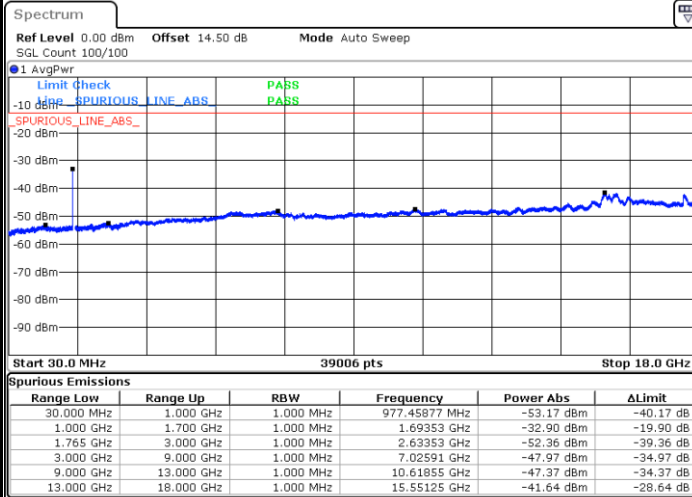


Date: 23.MAR.2026 16:33:56



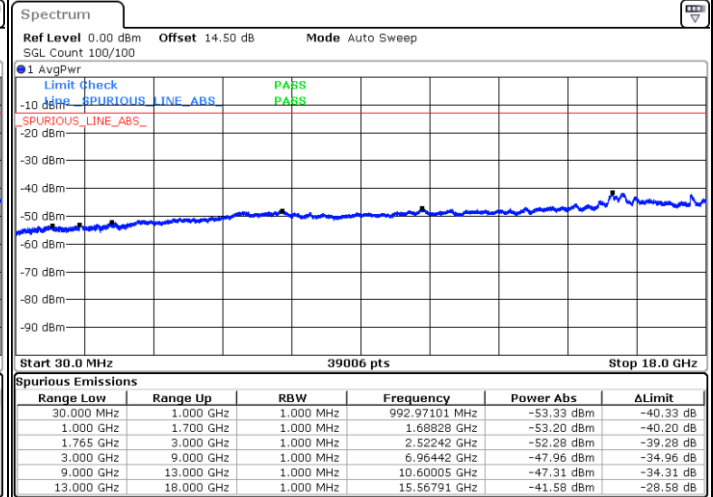
LTE Band 4 / 20MHz

Lowest Channel / QPSK



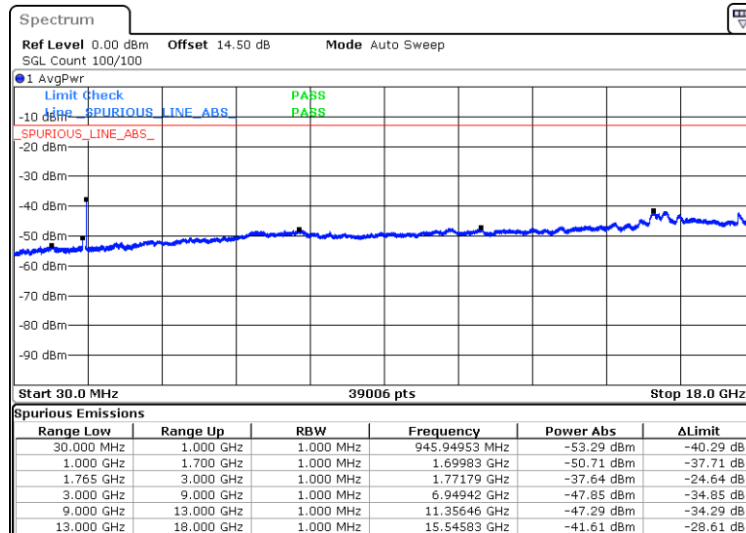
Date: 23.MAR.2026 16:40:54

Middle Channel / QPSK



Date: 23.MAR.2026 16:41:59

Highest Channel / QPSK



Date: 23.MAR.2026 16:51:30

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0004	

Note:

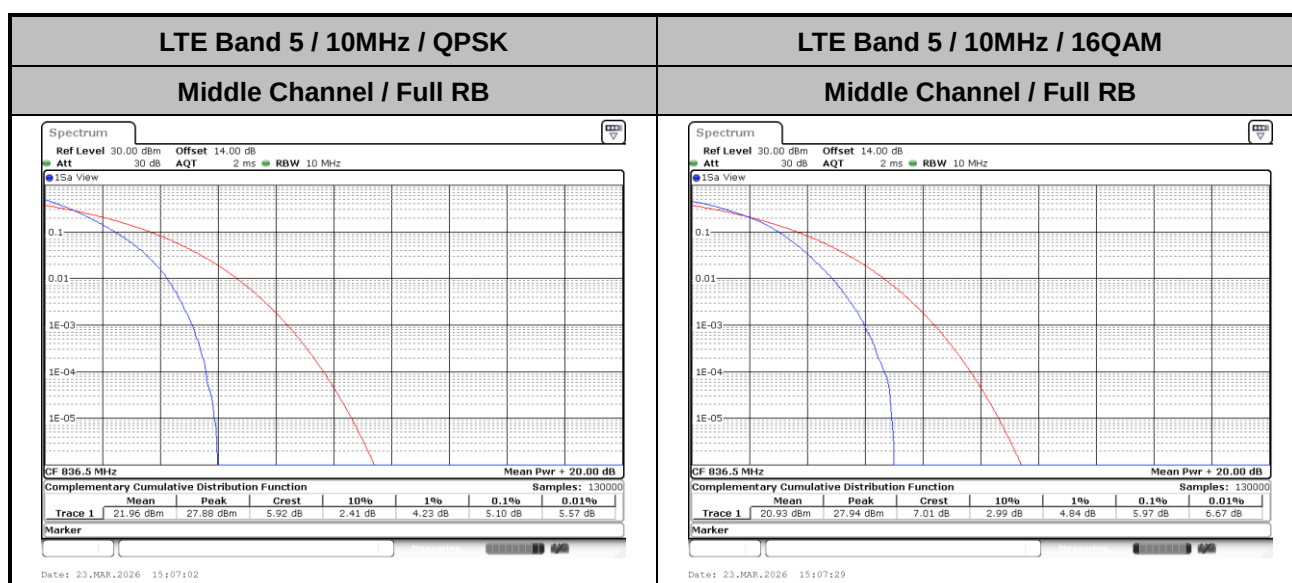
1. Normal Voltage = 7.8V. ; Minimum Voltage= 6 V. ; Maximum Voltage =8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	-	Limit: 13dB
RB Size	Full RB	Full RB	-	Result
Middle CH	5.10	5.97	-	PASS





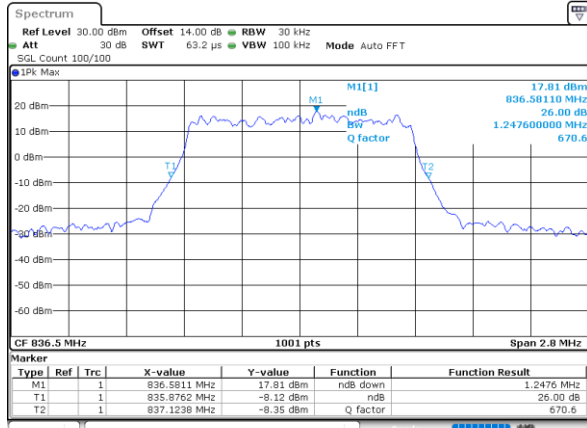
26dB Bandwidth

Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.25	1.30	3.02	3.00	4.94	4.92	9.91	9.81	-	-	-	-



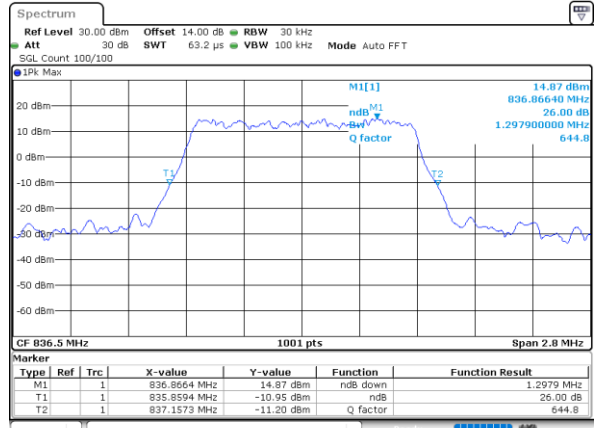
LTE Band 5

Middle Channel / 1.4MHz / QPSK



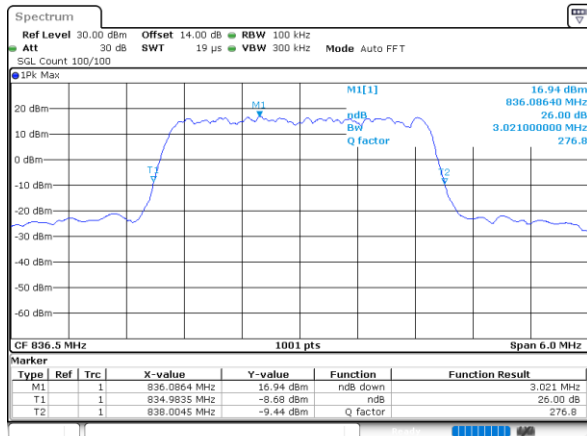
Date: 23.MAR.2026 14:19:17

Middle Channel / 1.4MHz / 16QAM



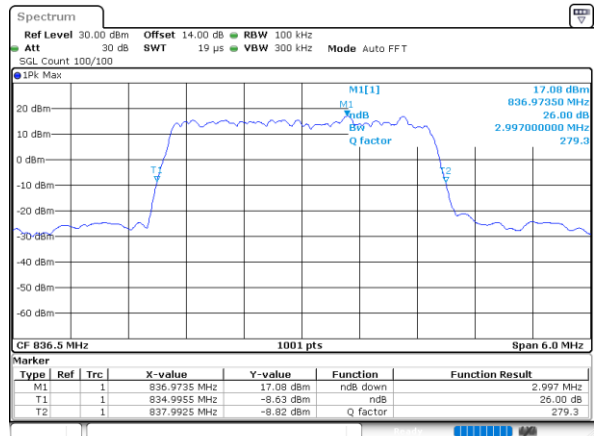
Date: 23.MAR.2026 14:20:05

Middle Channel / 3MHz / QPSK



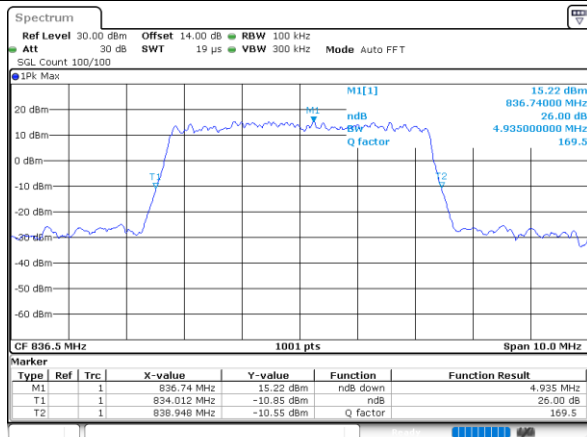
Date: 23.MAR.2026 14:34:58

Middle Channel / 3MHz / 16QAM



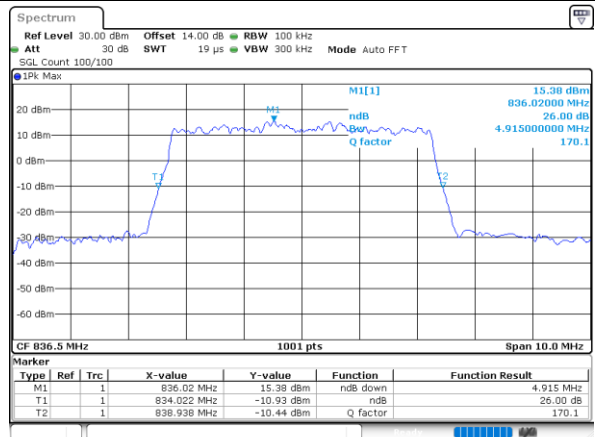
Date: 23.MAR.2026 14:35:38

Middle Channel / 5MHz / QPSK



Date: 23.MAR.2026 14:50:27

Middle Channel / 5MHz / 16QAM

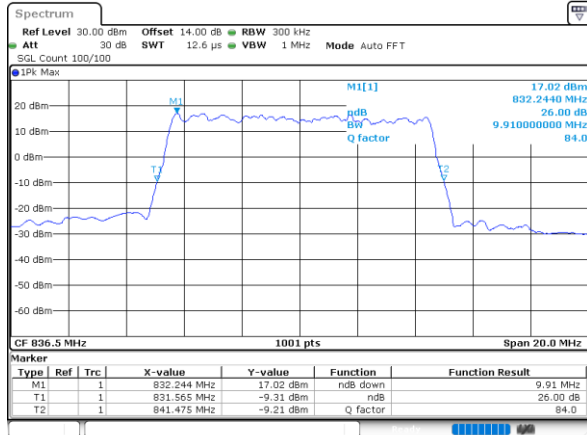


Date: 23.MAR.2026 14:51:06



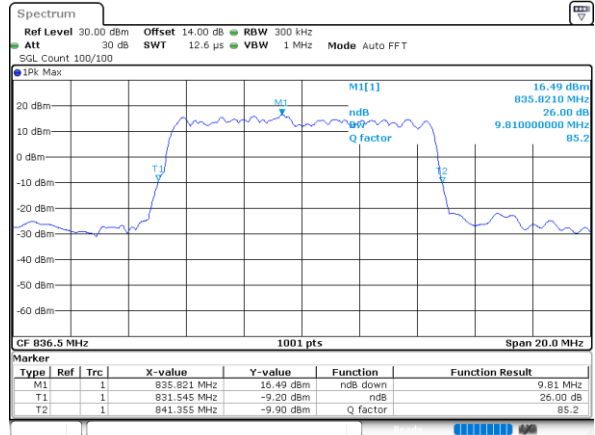
LTE Band 5

Middle Channel / 10MHz / QPSK



Date: 23,MAR,2026 15:05:56

Middle Channel / 10MHz / 16QAM



Date: 23,MAR,2026 15:06:36



Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.09	2.71	2.70	4.47	4.48	8.97	8.97	-	-	-	-