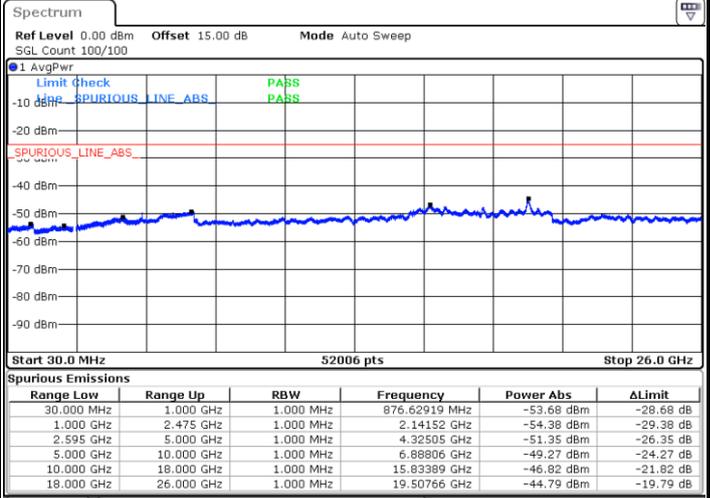
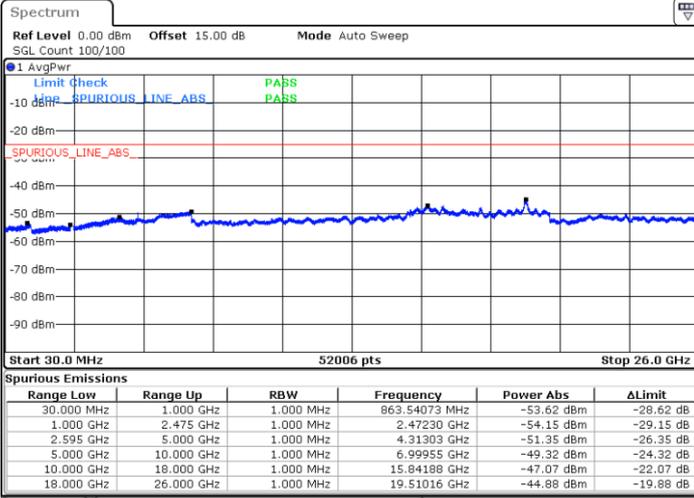




LTE Band 7 / 20MHz

Lowest Channel / QPSK

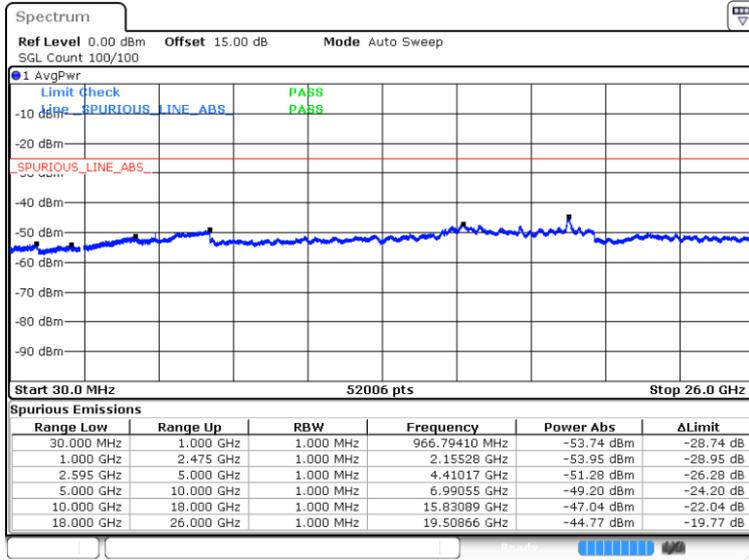
Middle Channel / QPSK



Date: 2 JUL 2025 12:00:41

Date: 2 JUL 2025 12:01:44

Highest Channel / QPSK



Date: 2 JUL 2025 12:11:06



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.89 V.; Battery End Point (BEP) = 3.6 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

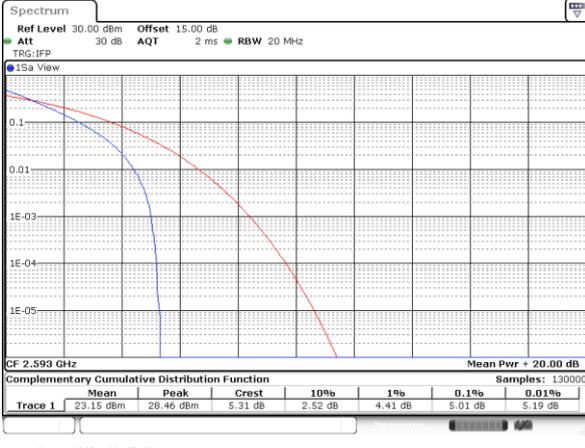
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.74	6.35	PASS



LTE Band 41 / 20MHz / QPSK

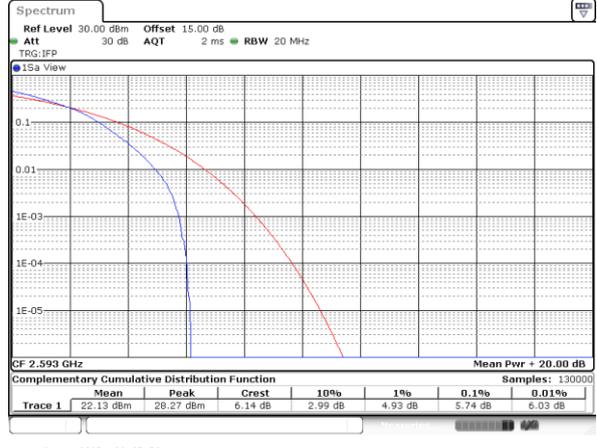
Middle Channel / Full RB



Date: 2 JUL 2025 20:25:23

LTE Band 41 / 20MHz / 16QAM

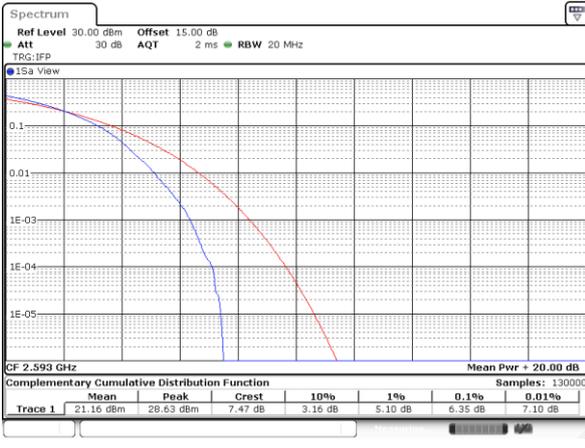
Middle Channel / Full RB



Date: 2 JUL 2025 20:25:50

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 2 JUL 2025 20:26:16



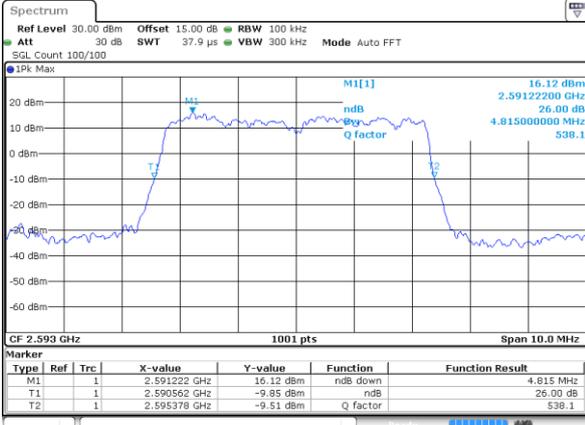
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.82	4.71	9.71	9.61	14.12	14.78	18.70	18.74



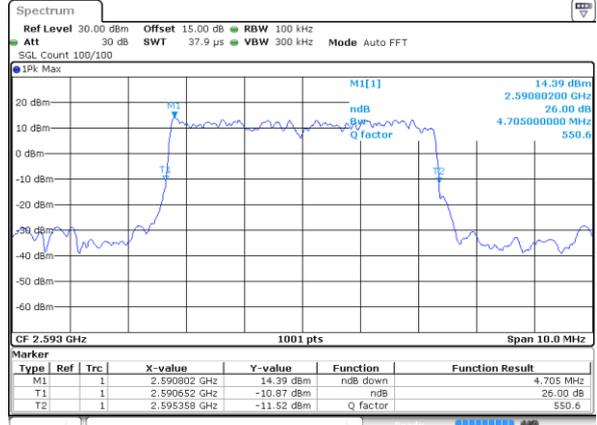
LTE Band 41

Middle Channel / 5MHz / QPSK



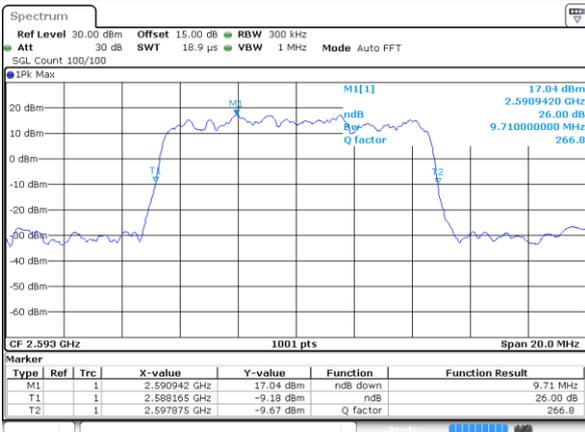
Date: 2 JUL 2025 12:20:28

Middle Channel / 5MHz / 16QAM



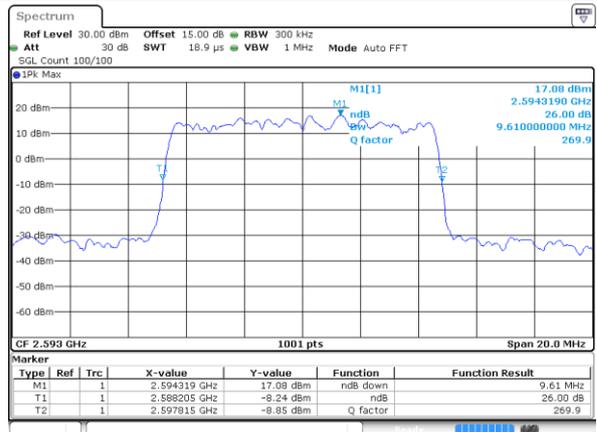
Date: 2 JUL 2025 12:21:08

Middle Channel / 10MHz / QPSK



Date: 2 JUL 2025 12:37:52

Middle Channel / 10MHz / 16QAM



Date: 2 JUL 2025 12:38:32

Middle Channel / 15MHz / QPSK



Date: 2 JUL 2025 12:54:29

Middle Channel / 15MHz / 16QAM

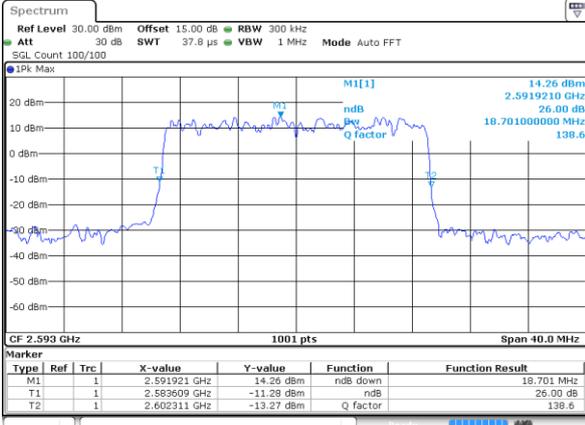


Date: 2 JUL 2025 12:55:09



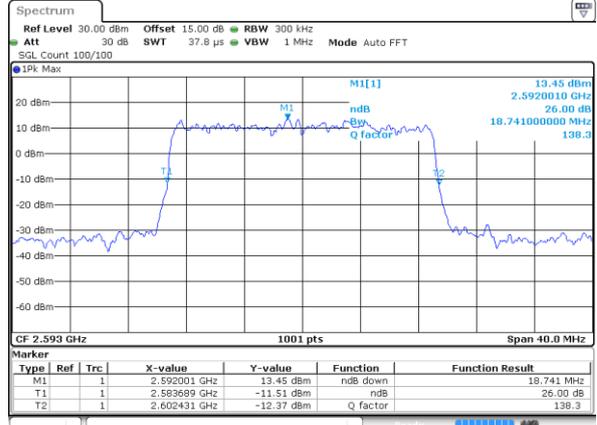
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 2 JUL 2025 13:11:05

Middle Channel / 20MHz / 16QAM



Date: 2 JUL 2025 13:11:45



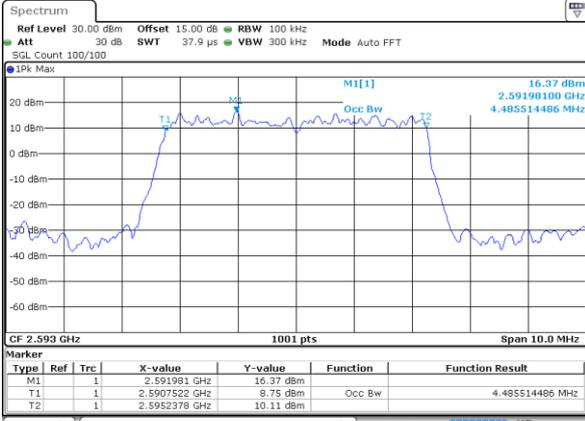
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.13	8.99	13.43	13.40	17.86	17.82



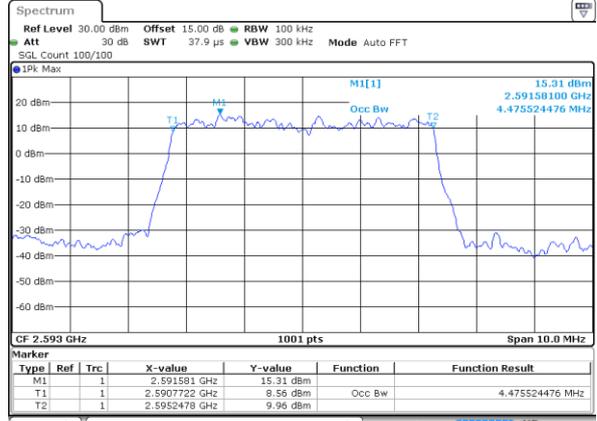
LTE Band 41

Middle Channel / 5MHz / QPSK



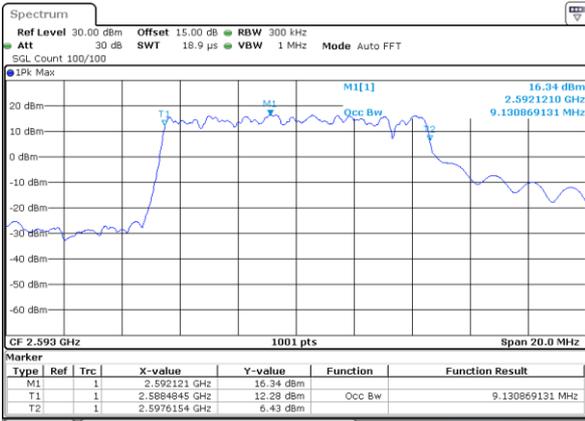
Date: 2 JUL 2025 12:20:14

Middle Channel / 5MHz / 16QAM



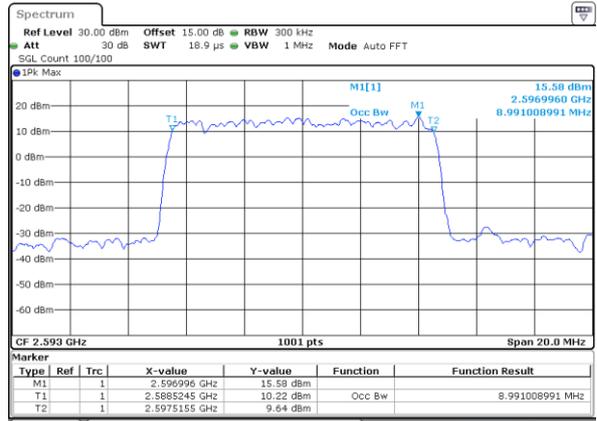
Date: 2 JUL 2025 12:20:54

Middle Channel / 10MHz / QPSK



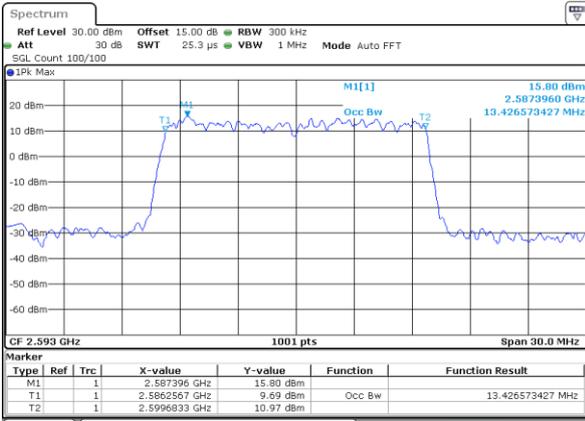
Date: 2 JUL 2025 12:37:38

Middle Channel / 10MHz / 16QAM



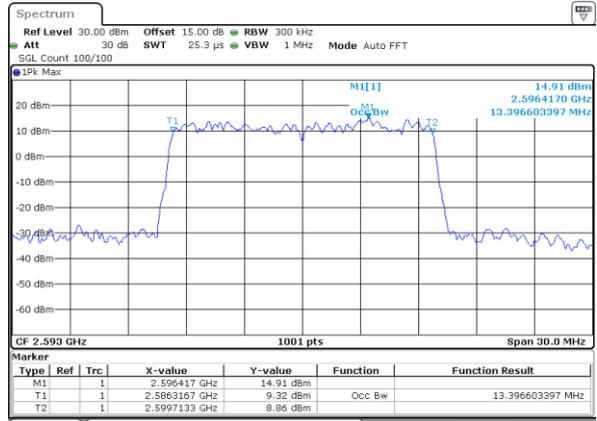
Date: 2 JUL 2025 12:38:18

Middle Channel / 15MHz / QPSK



Date: 2 JUL 2025 12:54:15

Middle Channel / 15MHz / 16QAM

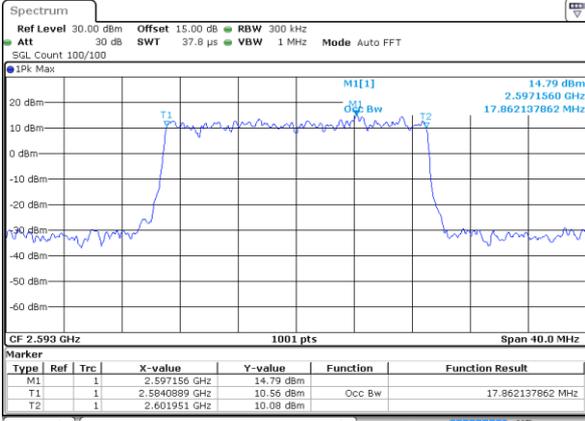


Date: 2 JUL 2025 12:54:55



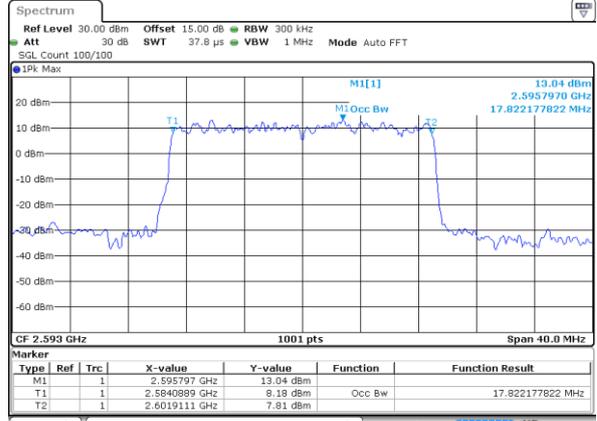
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 2 JUL 2025 13:10:51

Middle Channel / 20MHz / 16QAM



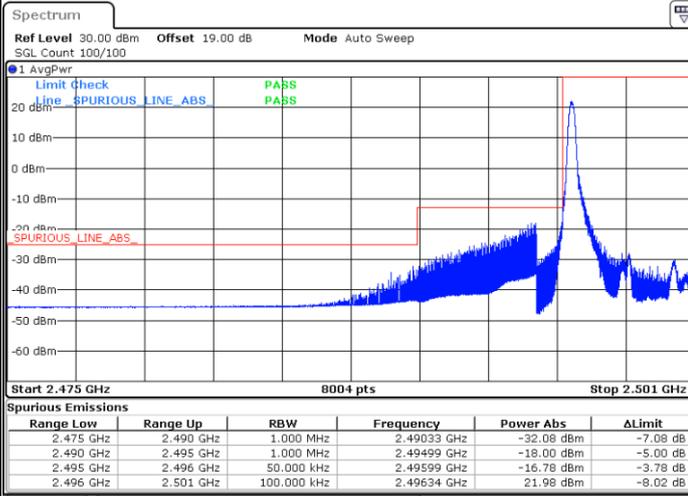
Date: 2 JUL 2025 13:11:31



Conducted Band Edge

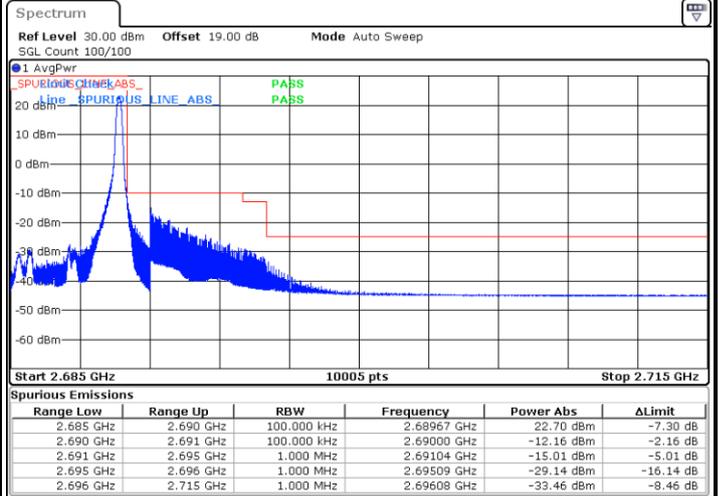
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



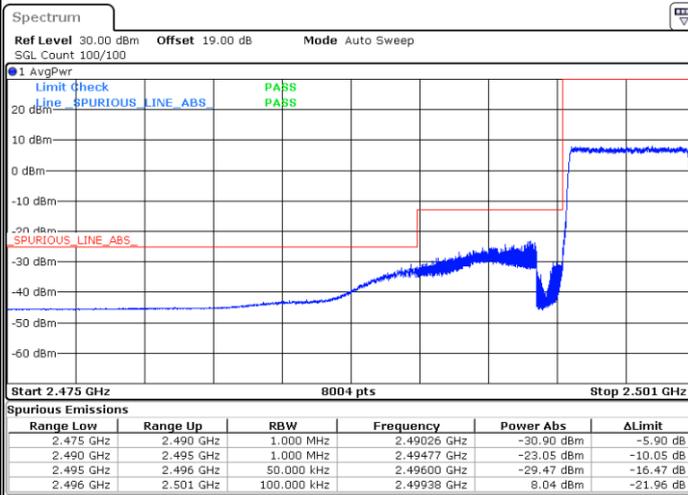
Date: 2 JUL 2025 12:12:50

Highest Band Edge / 1 RB



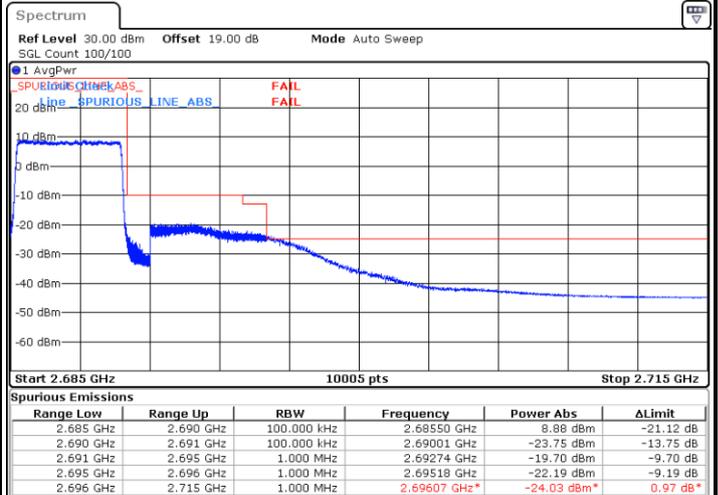
Date: 2 JUL 2025 23:16:43

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:17:37

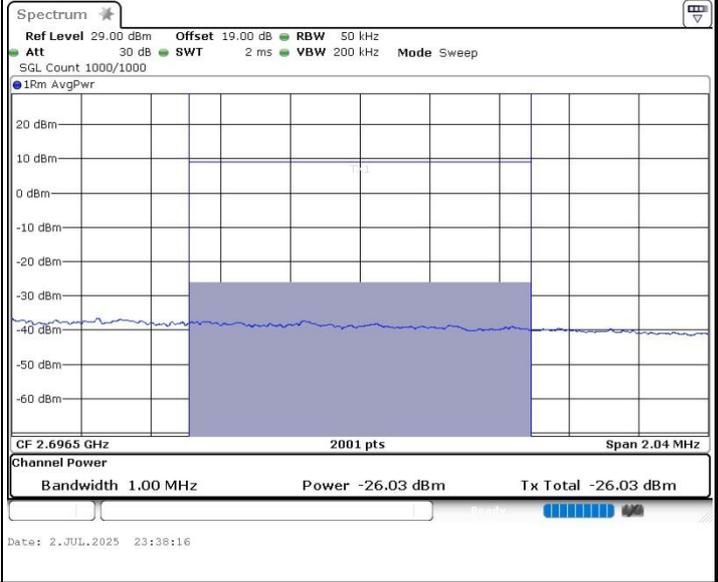
Highest Band Edge / Full RB



Date: 2 JUL 2025 23:25:02



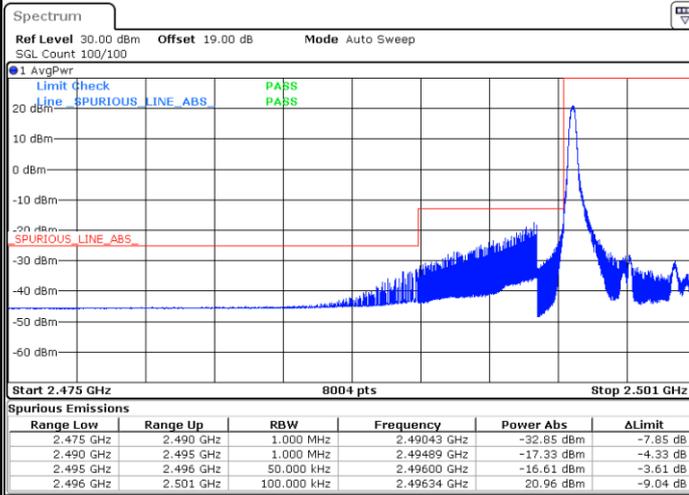
Highest Band Edge / Full RB-CP





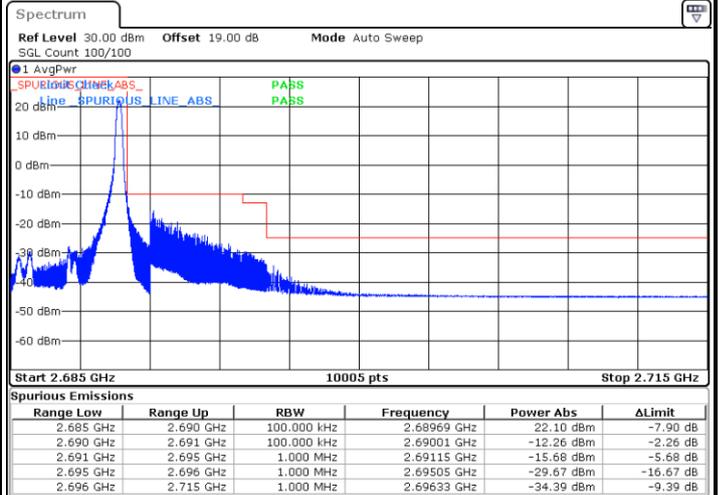
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



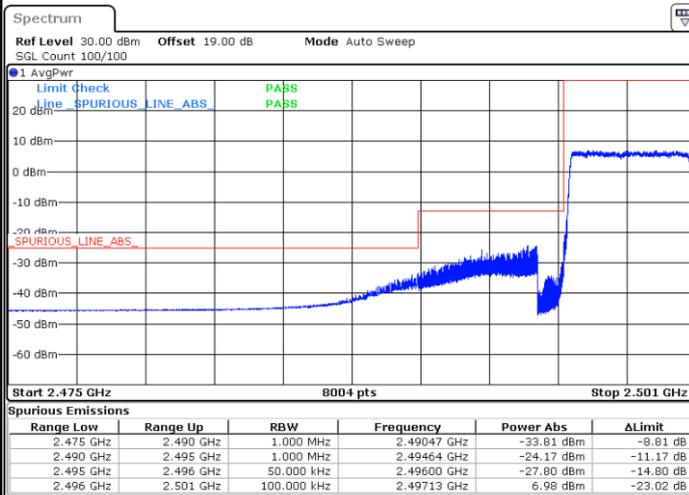
Date: 2 JUL 2025 12:13:51

Highest Band Edge / 1 RB



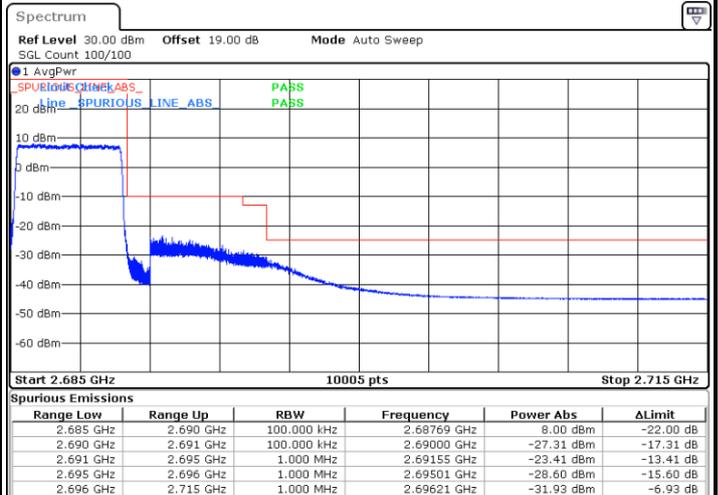
Date: 2 JUL 2025 23:19:59

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:16:40

Highest Band Edge / Full RB

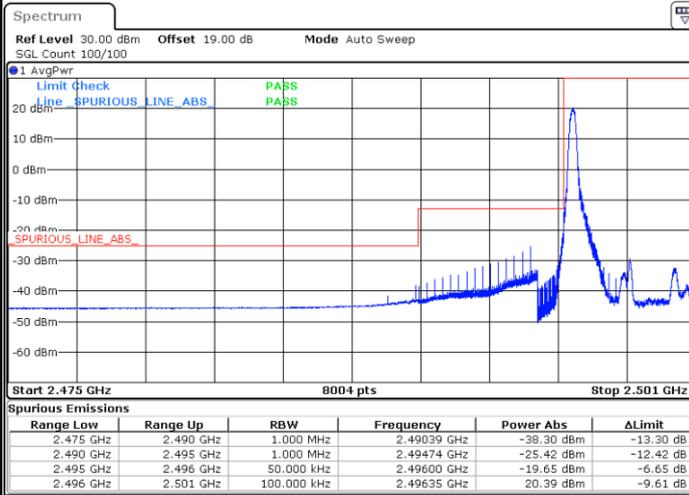


Date: 2 JUL 2025 23:23:46



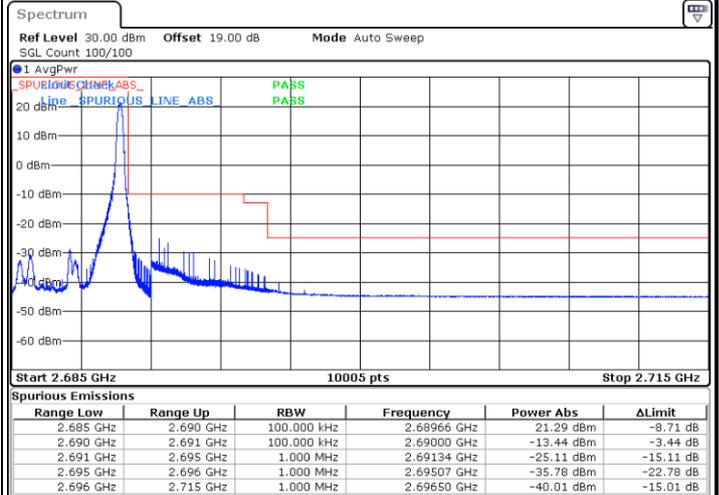
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



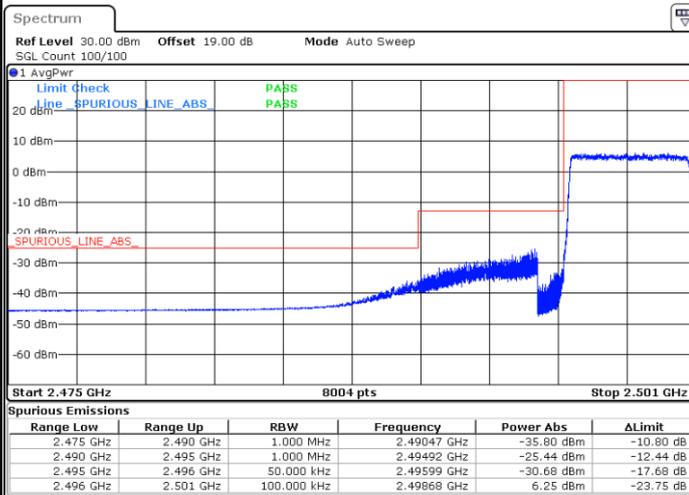
Date: 2 JUL 2025 12:14:47

Highest Band Edge / 1 RB



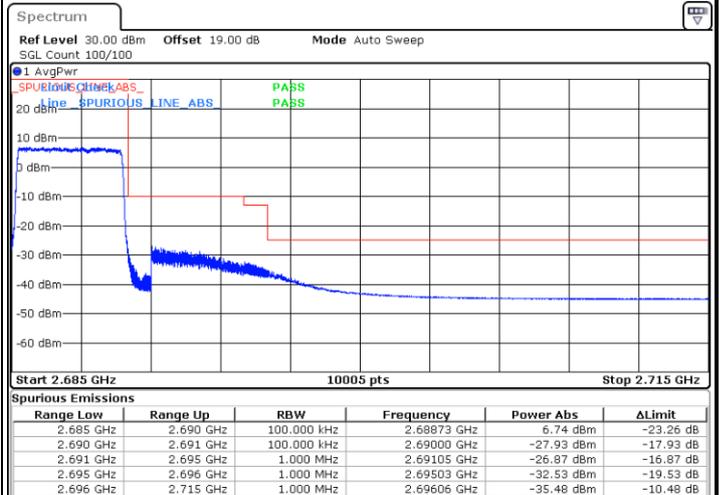
Date: 2 JUL 2025 23:21:15

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:15:44

Highest Band Edge / Full RB

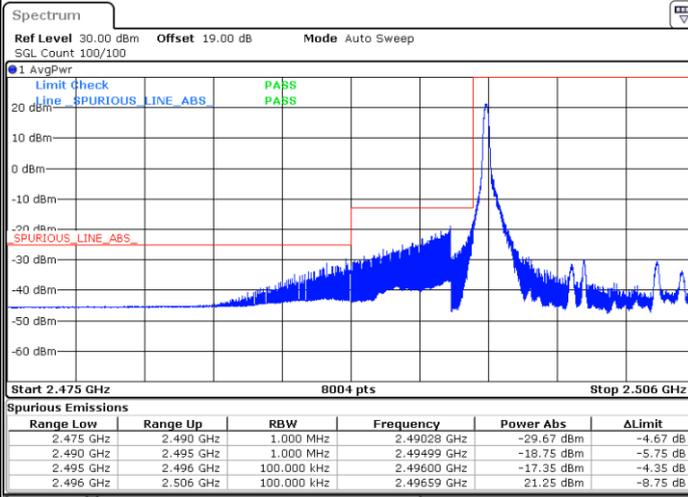


Date: 2 JUL 2025 23:22:30



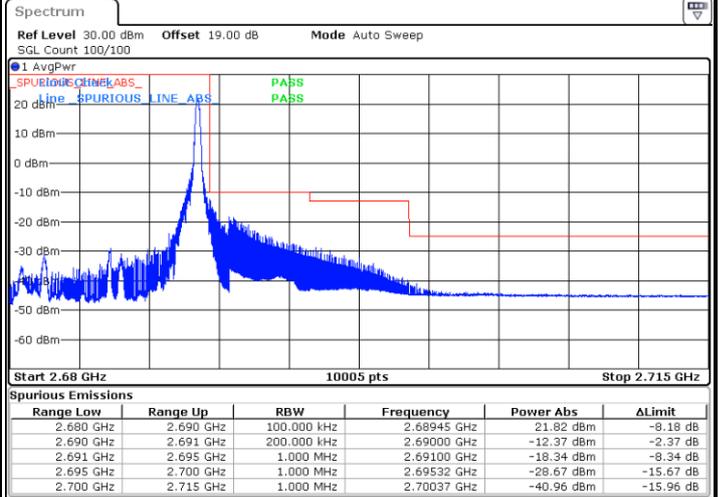
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



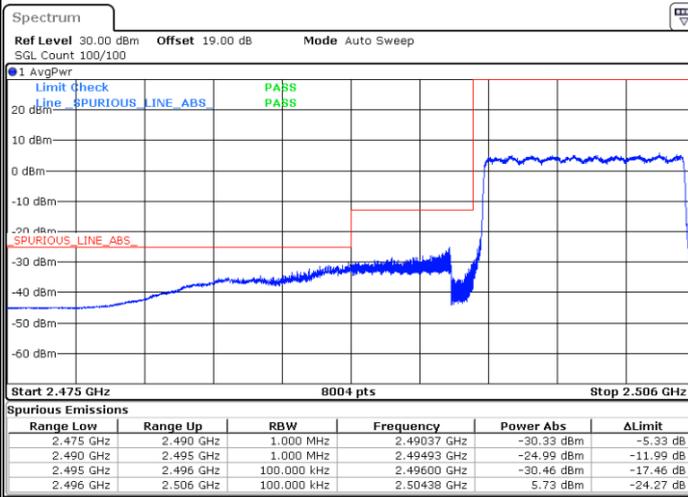
Date: 2 JUL 2025 12:30:19

Highest Band Edge / 1 RB



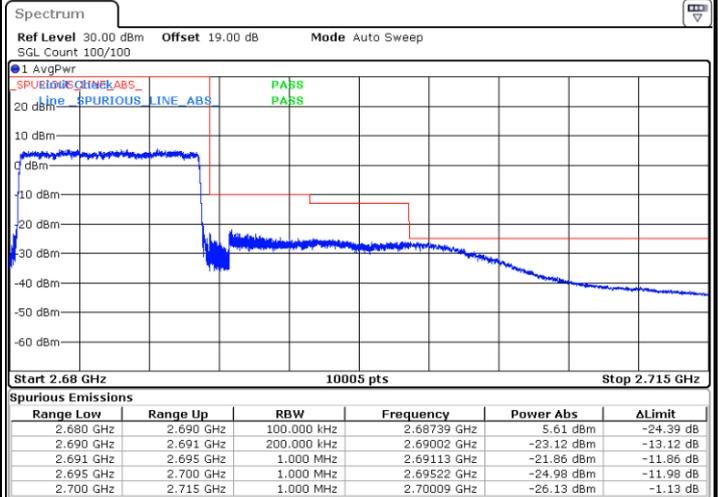
Date: 2 JUL 2025 12:39:28

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:35:01

Highest Band Edge / Full RB

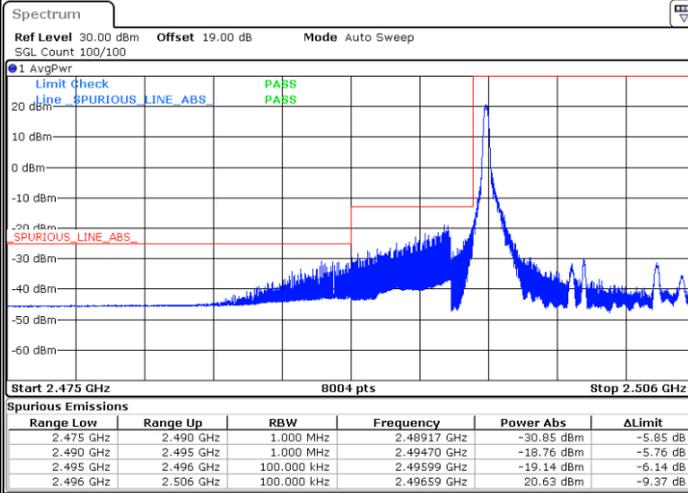


Date: 2 JUL 2025 12:44:08



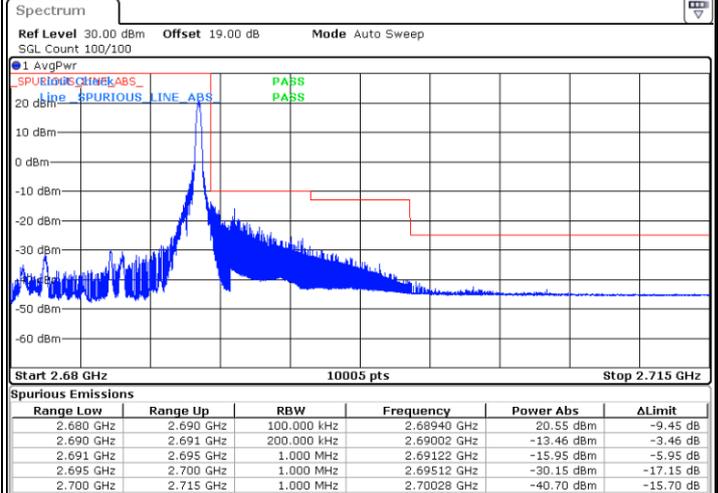
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



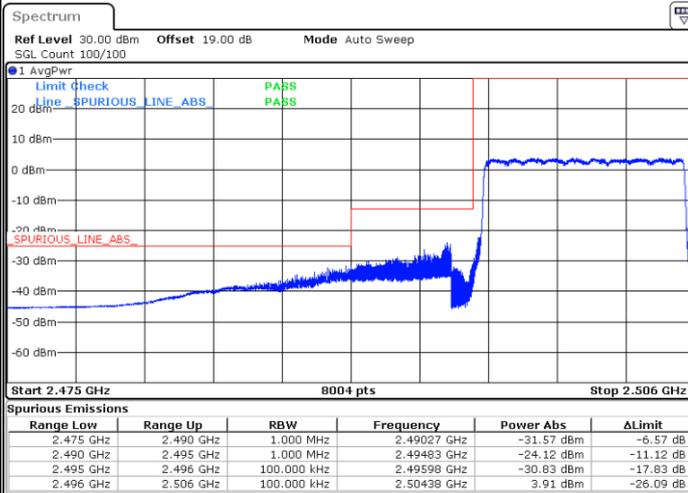
Date: 2 JUL 2025 12:31:16

Highest Band Edge / 1 RB



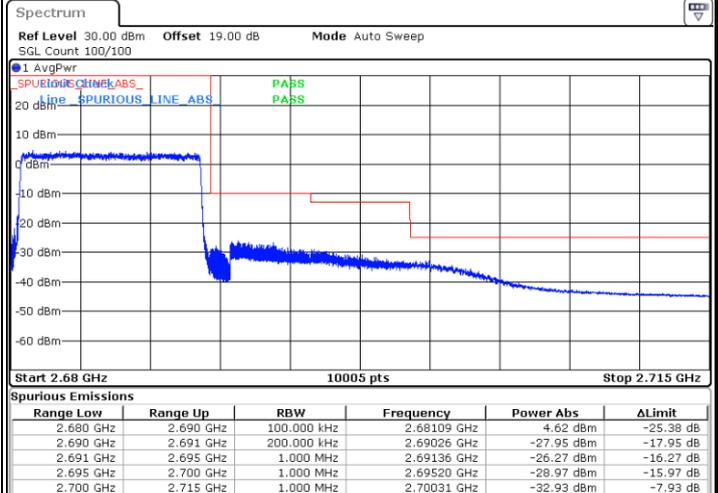
Date: 2 JUL 2025 12:40:24

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:34:05

Highest Band Edge / Full RB

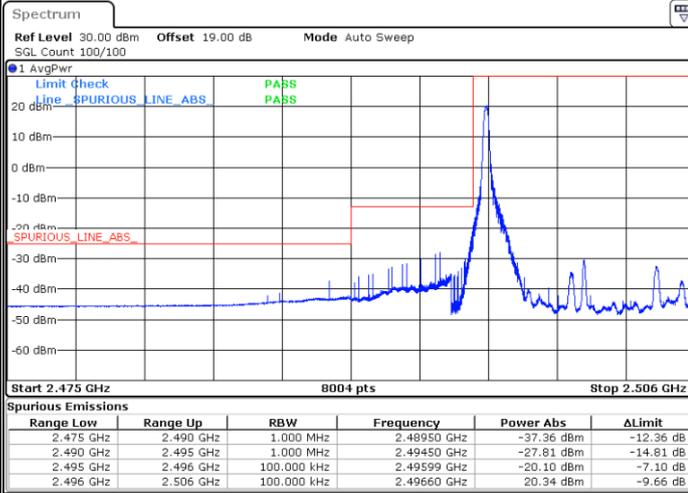


Date: 2 JUL 2025 12:43:12



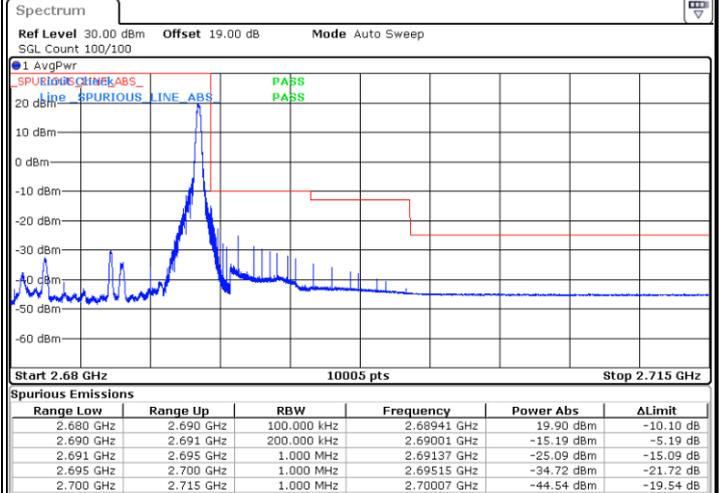
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



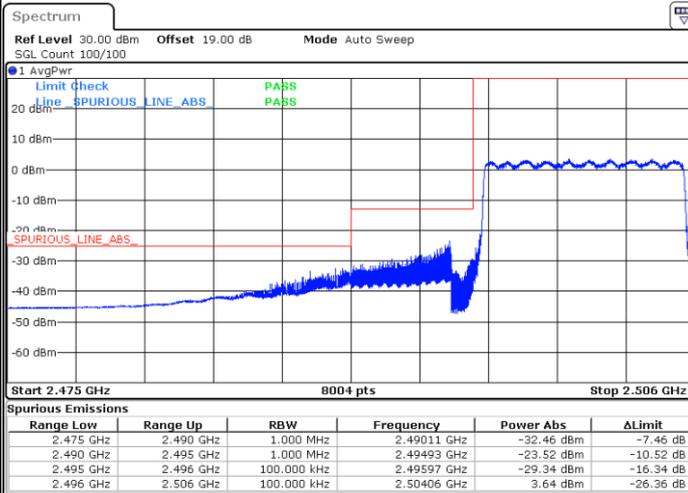
Date: 2 JUL 2025 12:32:12

Highest Band Edge / 1 RB



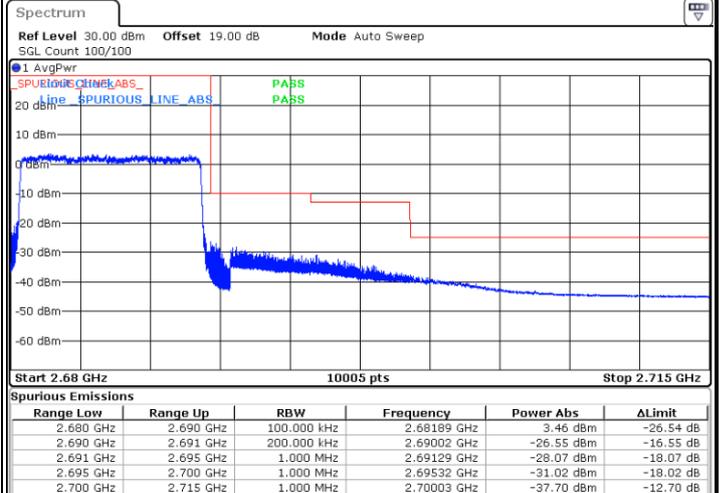
Date: 2 JUL 2025 12:41:20

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:33:08

Highest Band Edge / Full RB

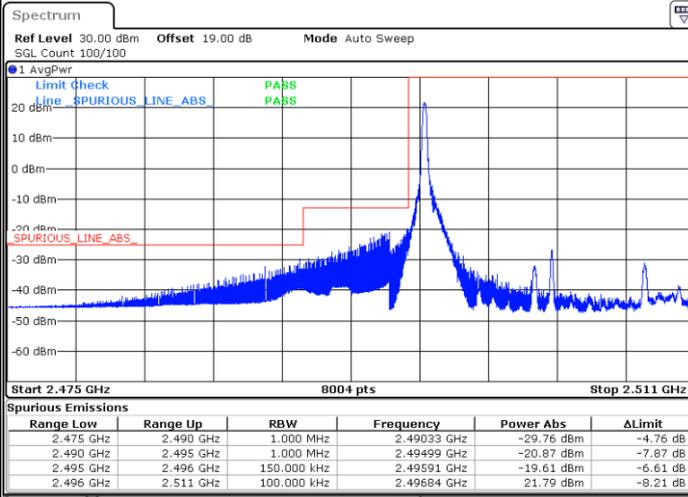


Date: 2 JUL 2025 12:42:16



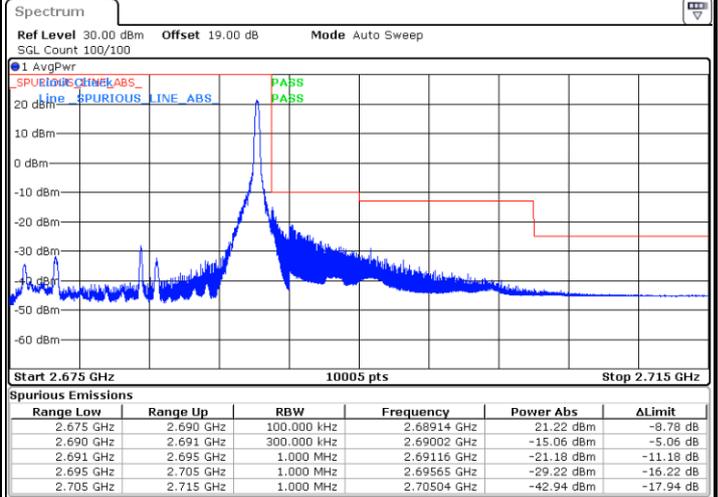
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



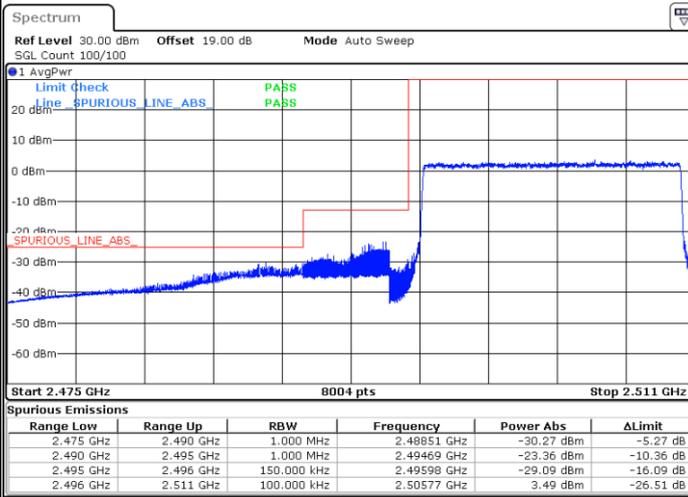
Date: 2 JUL 2025 12:46:56

Highest Band Edge / 1 RB



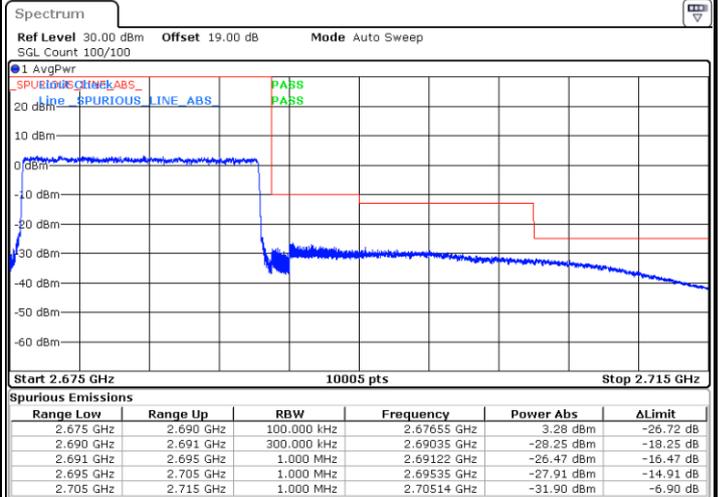
Date: 2 JUL 2025 12:56:04

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:51:38

Highest Band Edge / Full RB

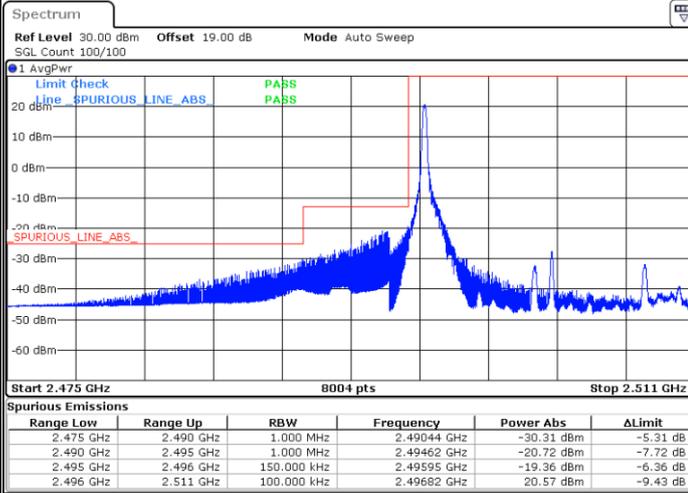


Date: 2 JUL 2025 13:00:44



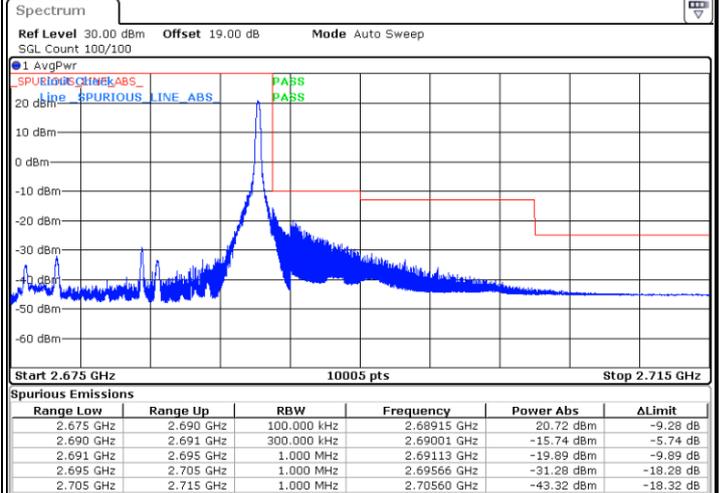
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



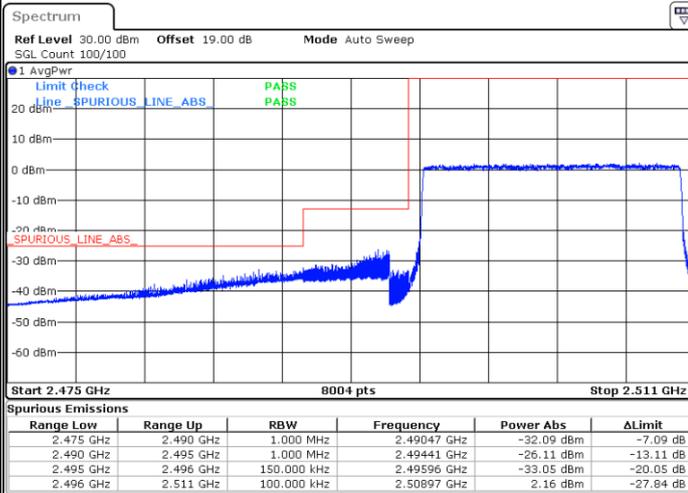
Date: 2 JUL 2025 12:47:52

Highest Band Edge / 1 RB



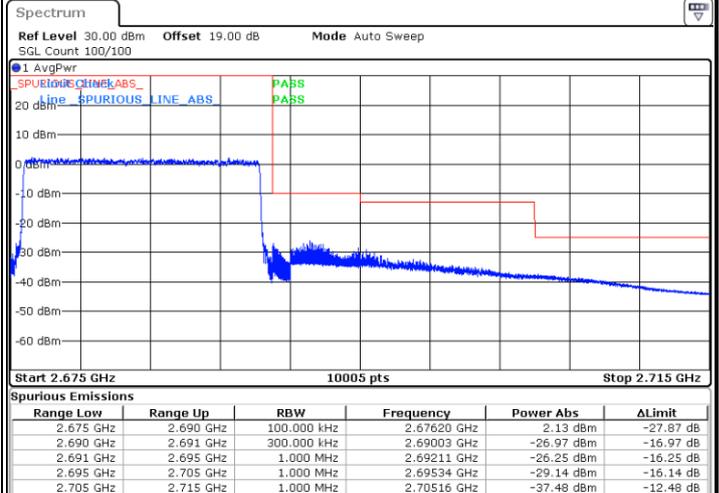
Date: 2 JUL 2025 12:57:00

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:50:41

Highest Band Edge / Full RB

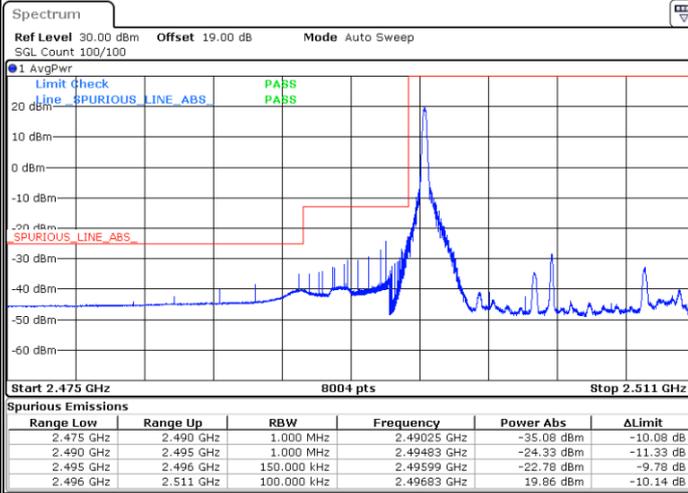


Date: 2 JUL 2025 12:59:48



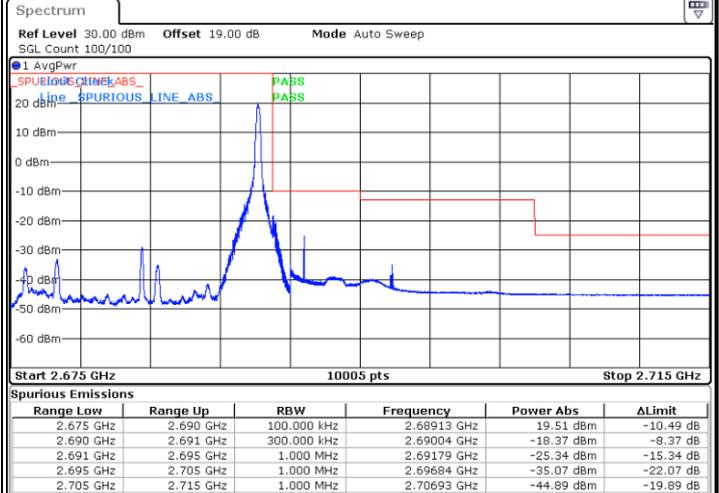
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



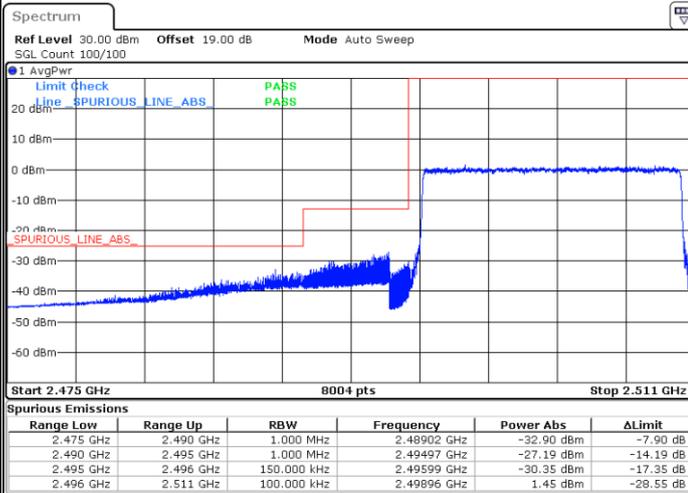
Date: 2 JUL 2025 12:48:49

Highest Band Edge / 1 RB



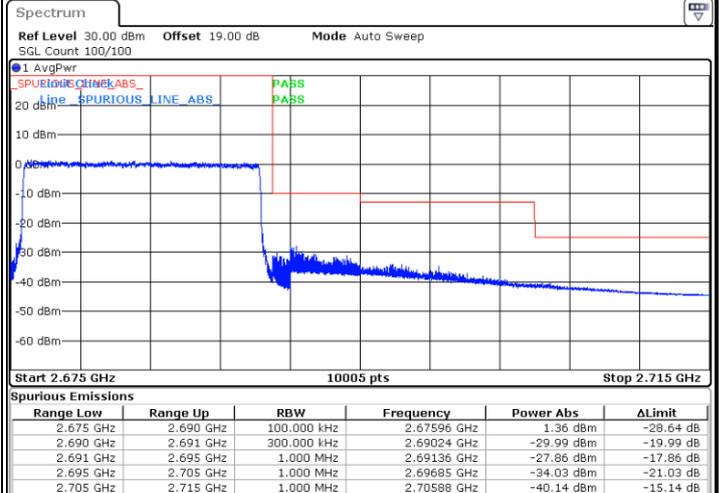
Date: 2 JUL 2025 12:57:56

Lowest Band Edge / Full RB



Date: 2 JUL 2025 12:49:45

Highest Band Edge / Full RB

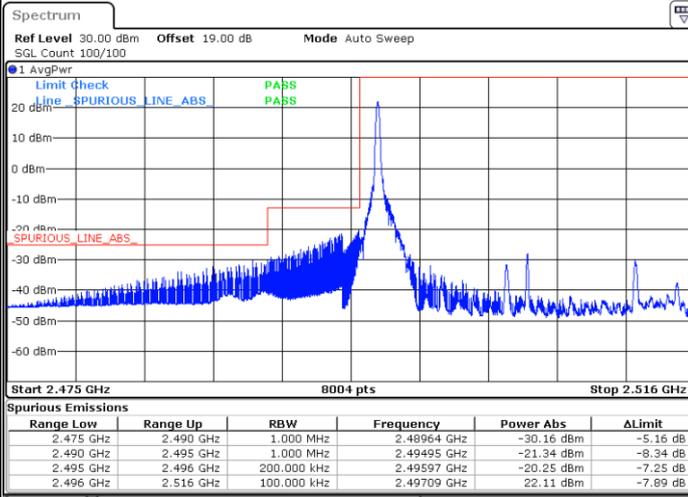


Date: 2 JUL 2025 12:58:52



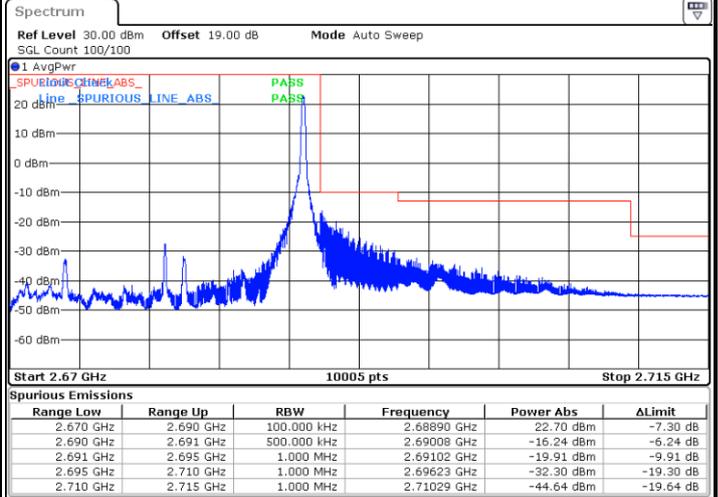
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



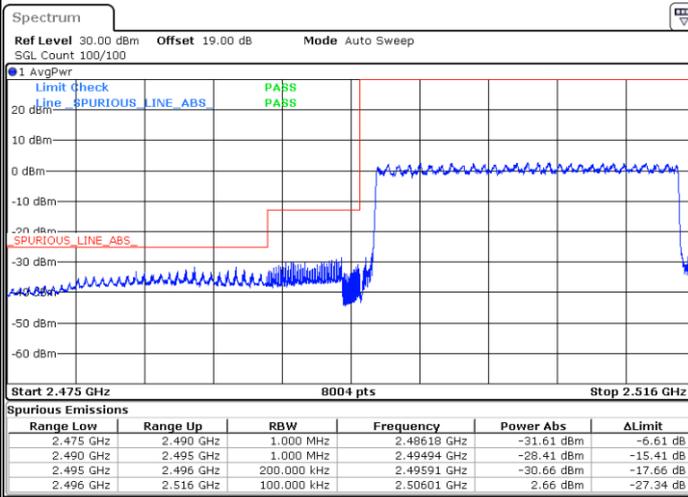
Date: 2 JUL 2025 13:03:32

Highest Band Edge / 1 RB



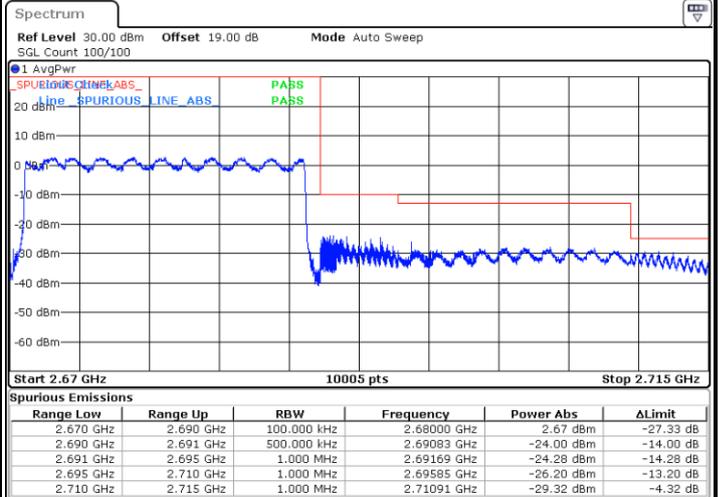
Date: 2 JUL 2025 13:14:03

Lowest Band Edge / Full RB



Date: 2 JUL 2025 13:08:14

Highest Band Edge / Full RB

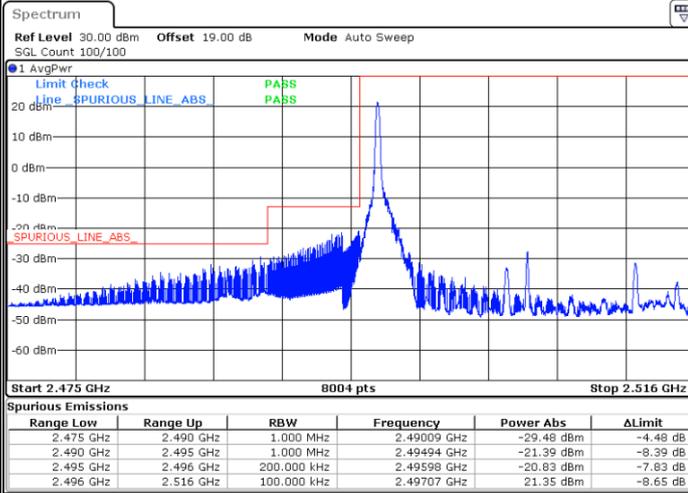


Date: 2 JUL 2025 13:18:43



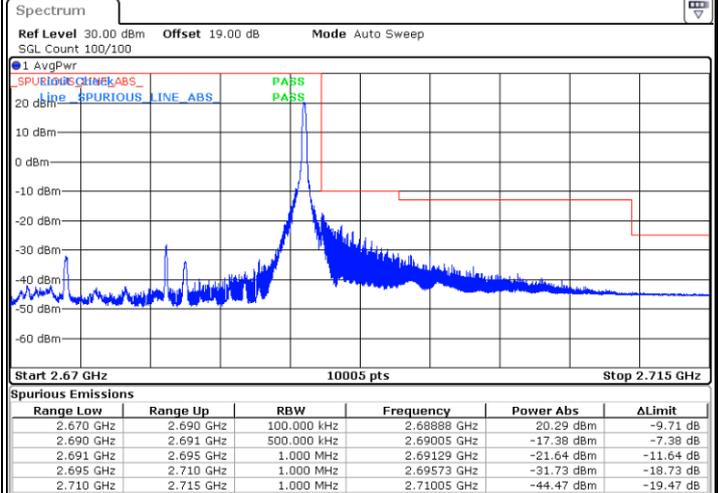
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



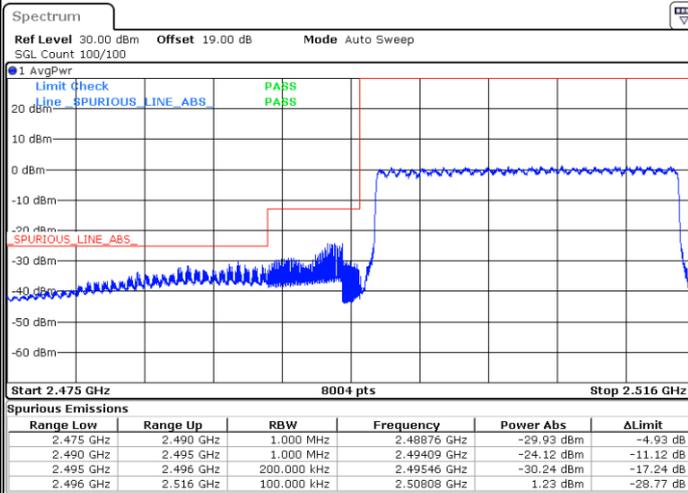
Date: 2 JUL 2025 13:04:29

Highest Band Edge / 1 RB



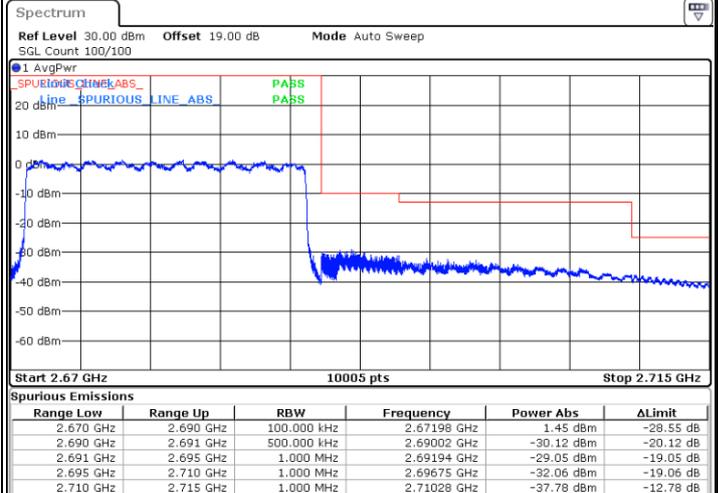
Date: 2 JUL 2025 13:14:59

Lowest Band Edge / Full RB



Date: 2 JUL 2025 13:07:17

Highest Band Edge / Full RB

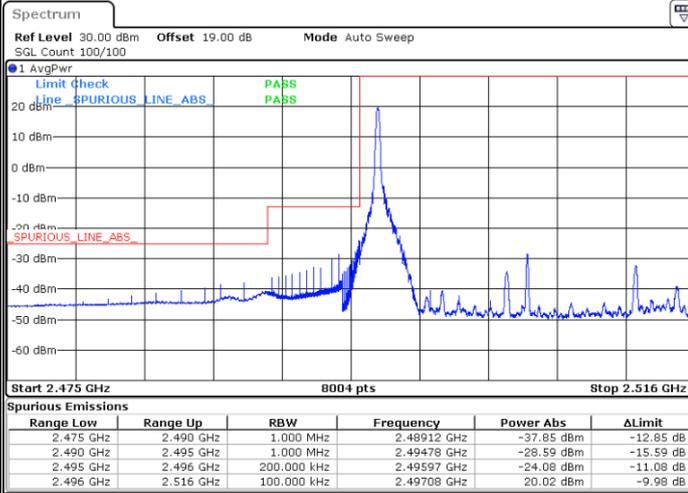


Date: 2 JUL 2025 13:17:47



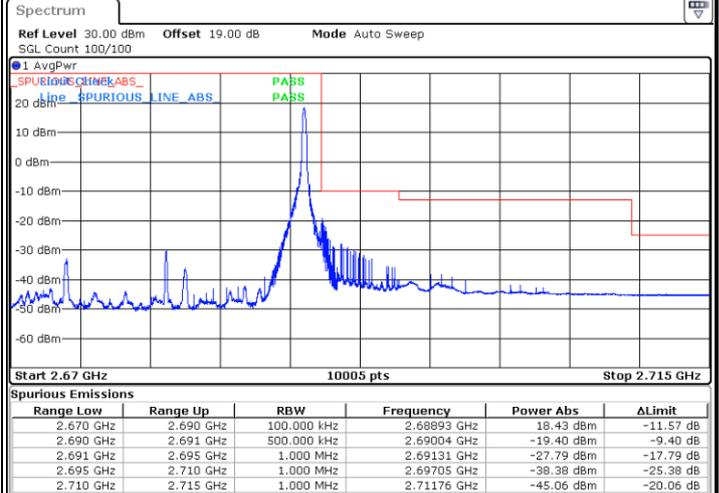
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



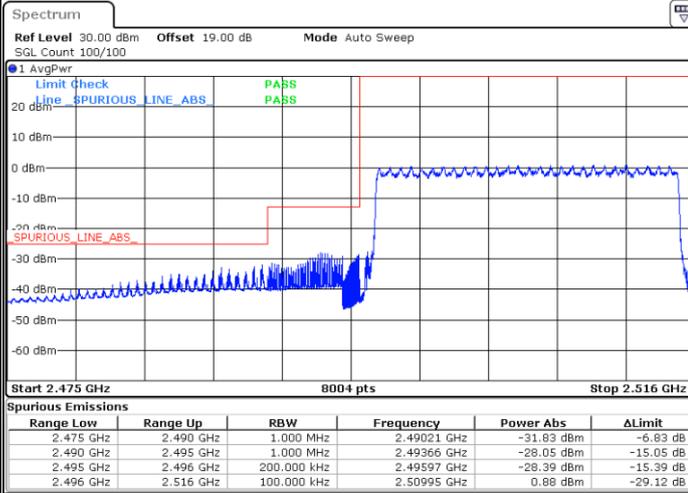
Date: 2 JUL 2025 13:05:25

Highest Band Edge / 1 RB



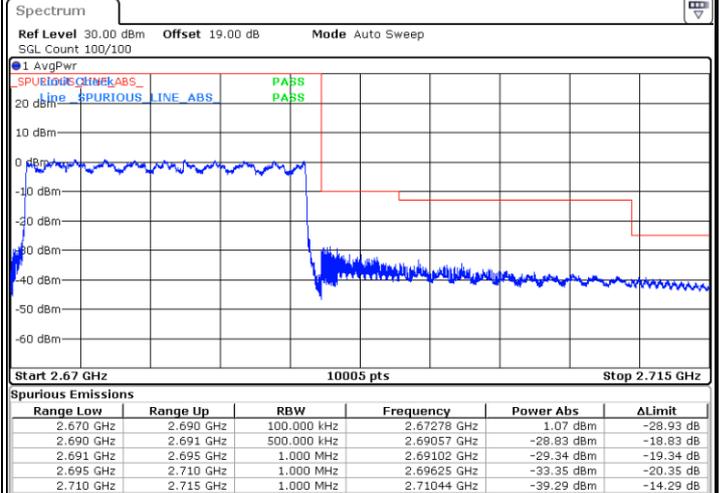
Date: 2 JUL 2025 13:15:55

Lowest Band Edge / Full RB



Date: 2 JUL 2025 13:06:21

Highest Band Edge / Full RB



Date: 2 JUL 2025 13:16:51

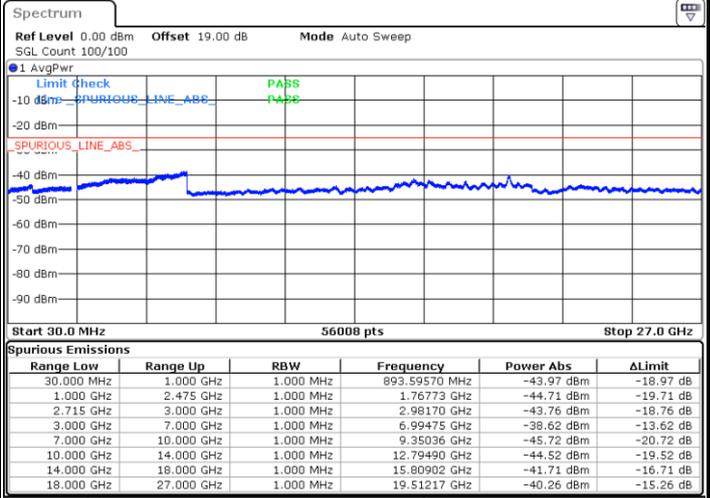
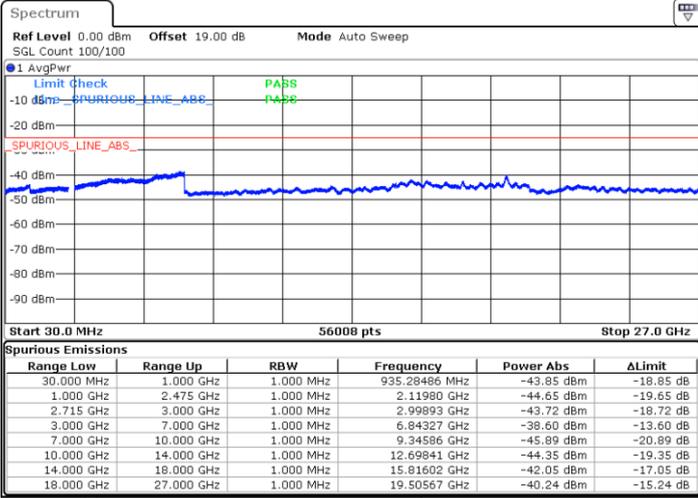


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

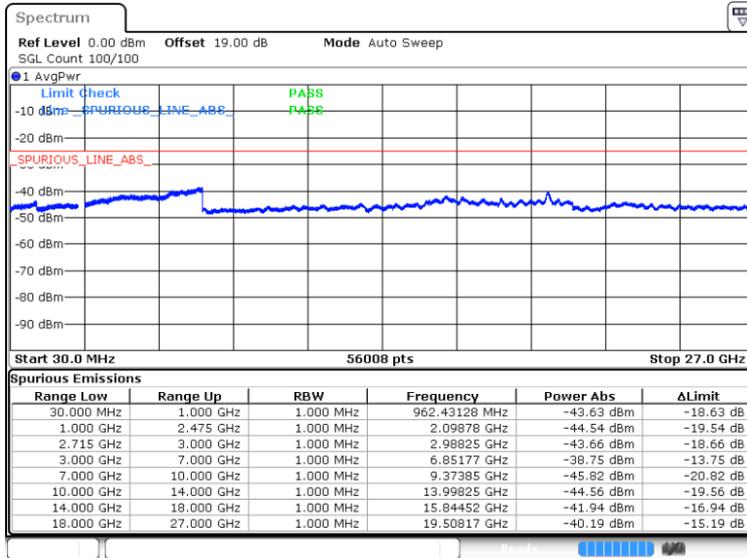
Middle Channel / QPSK



Date: 2 JUL 2025 12:18:42

Date: 2 JUL 2025 12:19:47

Highest Channel / QPSK



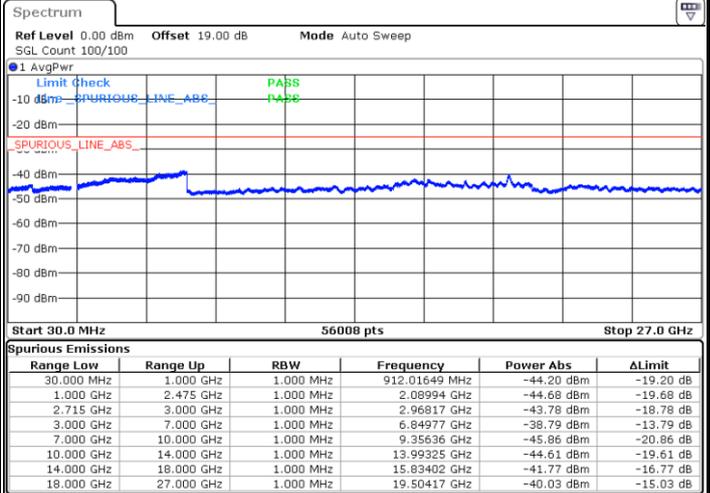
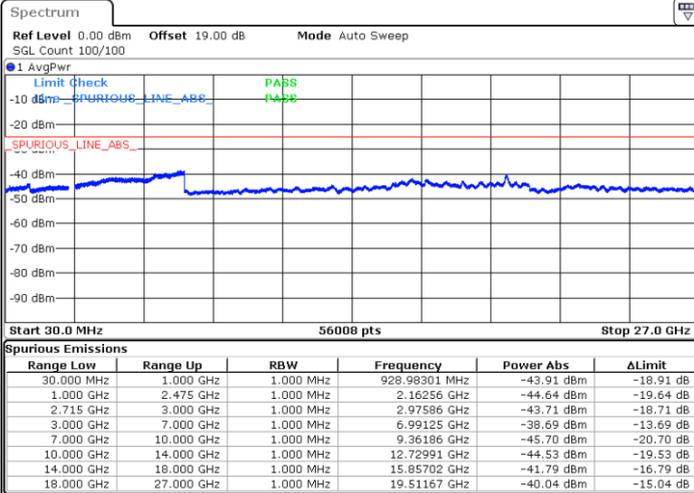
Date: 2 JUL 2025 12:28:37



LTE Band 41 / 10MHz

Lowest Channel / QPSK

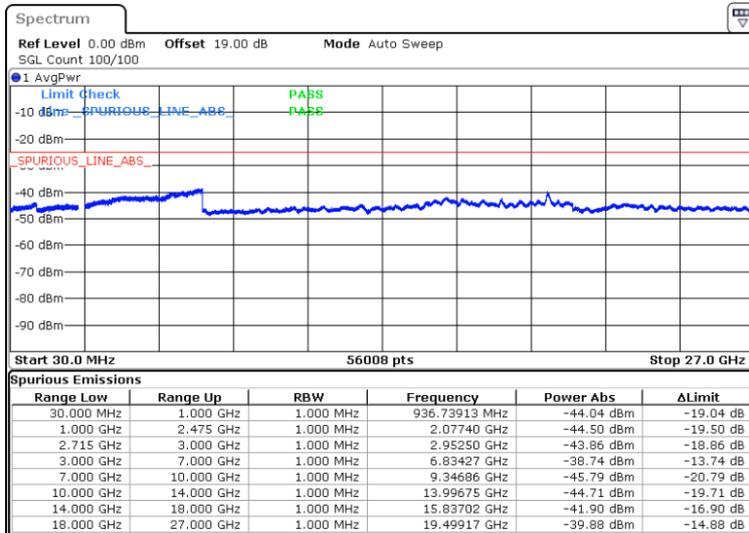
Middle Channel / QPSK



Date: 2 JUL 2025 12:36:07

Date: 2 JUL 2025 12:37:12

Highest Channel / QPSK



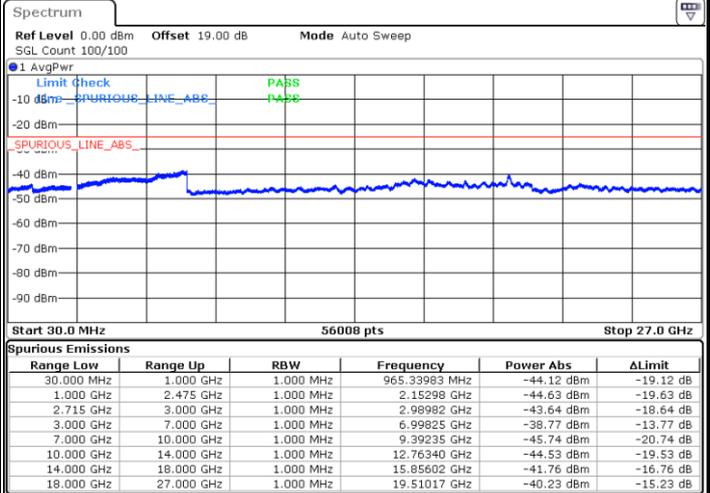
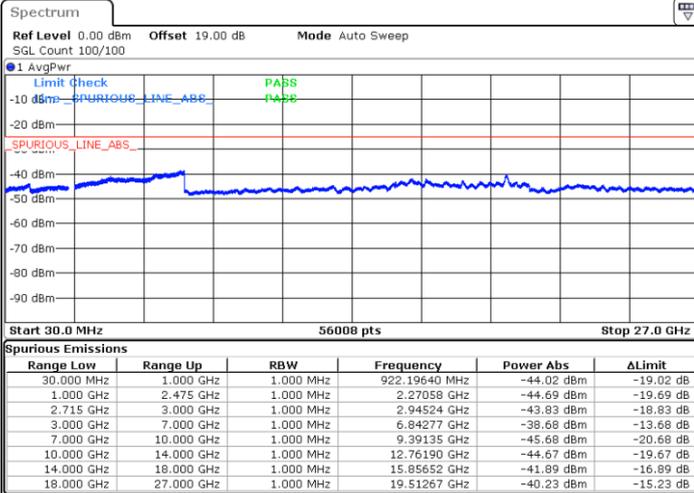
Date: 2 JUL 2025 12:45:14



LTE Band 41 / 15MHz

Lowest Channel / QPSK

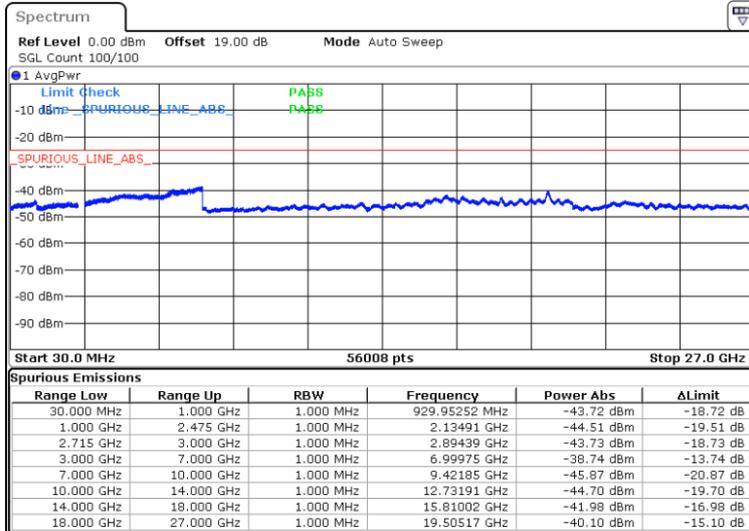
Middle Channel / QPSK



Date: 2 JUL 2025 12:52:43

Date: 2 JUL 2025 12:53:48

Highest Channel / QPSK



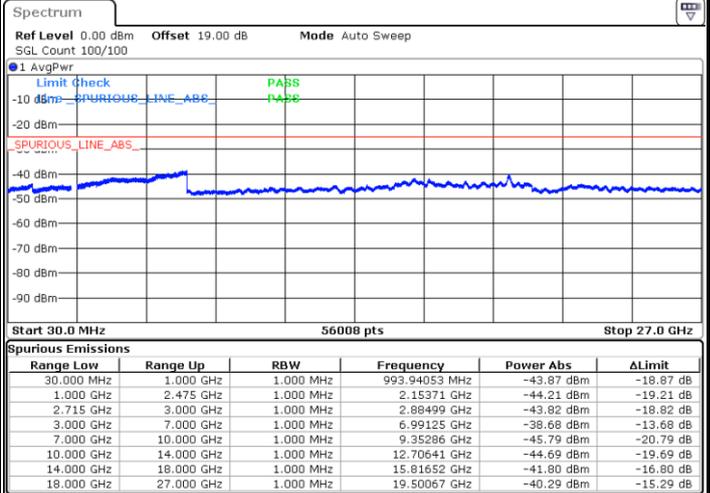
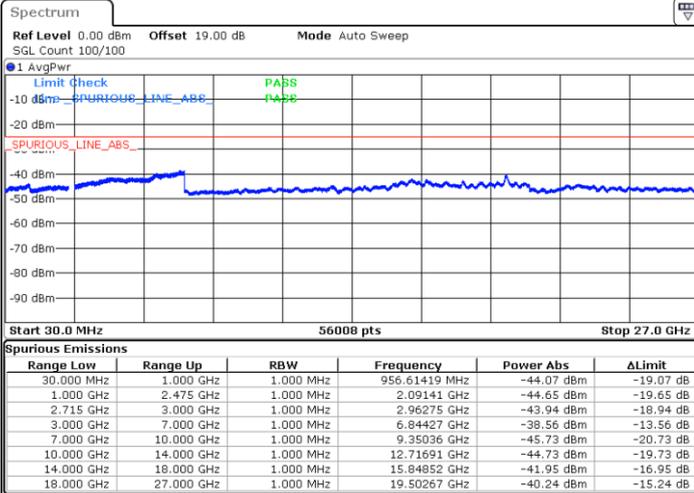
Date: 2 JUL 2025 13:01:50



LTE Band 41 / 20MHz

Lowest Channel / QPSK

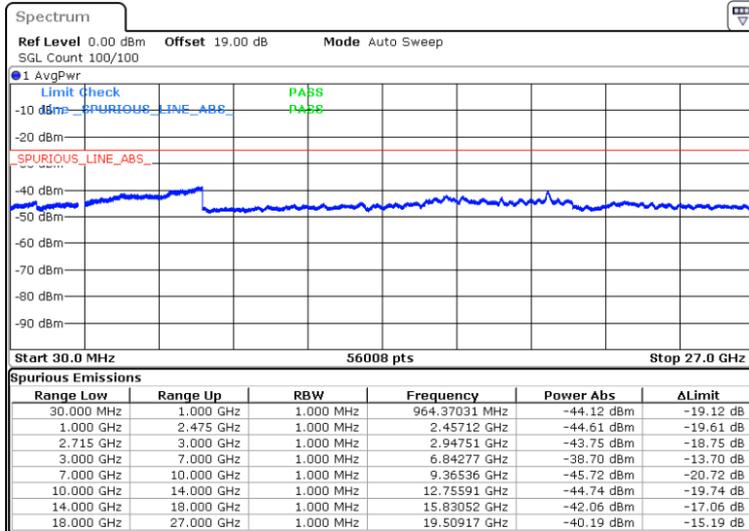
Middle Channel / QPSK



Date: 2 JUL 2025 13:09:19

Date: 2 JUL 2025 13:10:24

Highest Channel / QPSK



Date: 2 JUL 2025 13:19:49



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.89 V.; Battery End Point (BEP) = 3.6 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7_ANT3 (Other PA)

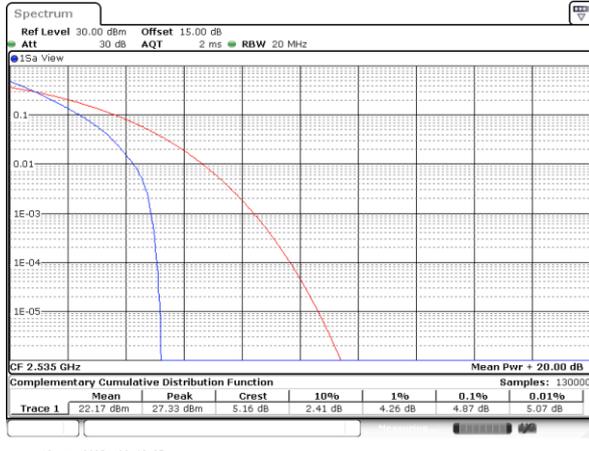
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.62	6.46	PASS



LTE Band 7 / 20MHz / QPSK

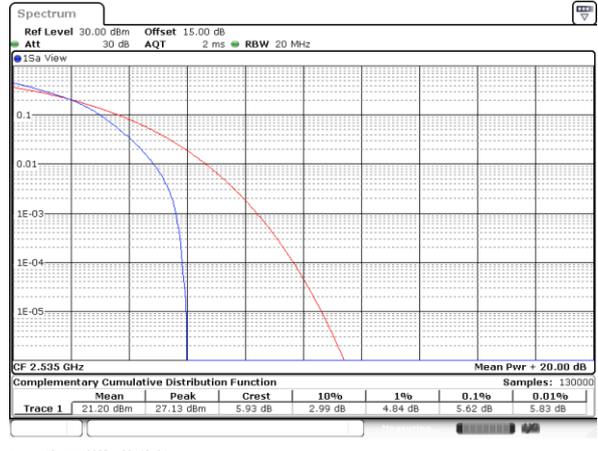
Middle Channel / Full RB



Date: 13.JUL.2025 20:48:37

LTE Band 7 / 20MHz / 16QAM

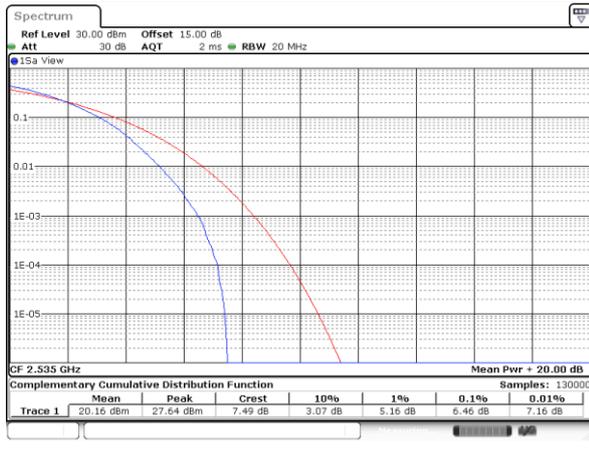
Middle Channel / Full RB



Date: 13.JUL.2025 20:49:04

LTE Band 7 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 13.JUL.2025 20:49:31



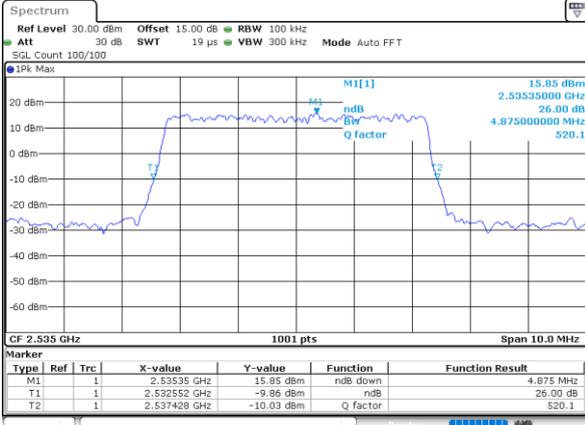
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.88	4.82	9.83	9.75	14.42	14.54	18.94	18.94



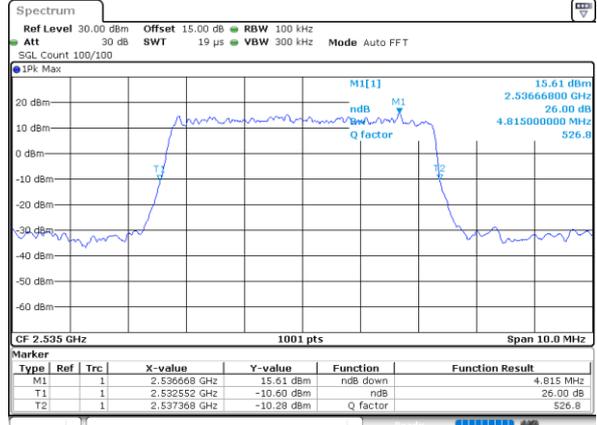
LTE Band 7

Middle Channel / 5MHz / QPSK



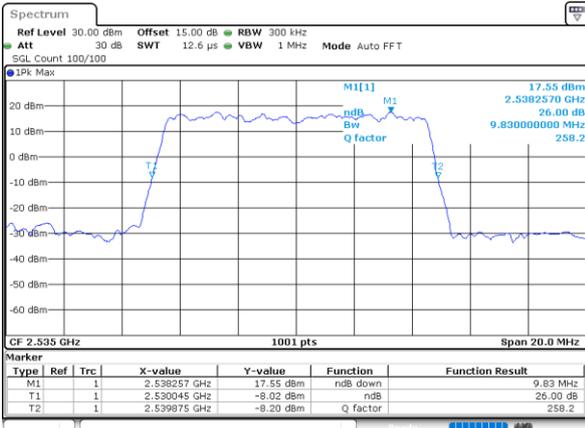
Date: 12_JUL_2025 02:37:49

Middle Channel / 5MHz / 16QAM



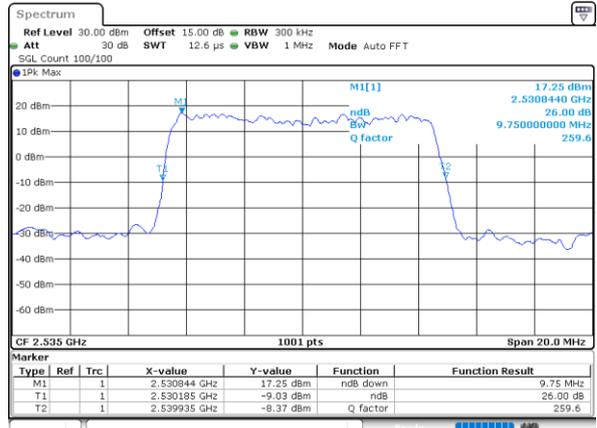
Date: 12_JUL_2025 02:18:28

Middle Channel / 10MHz / QPSK



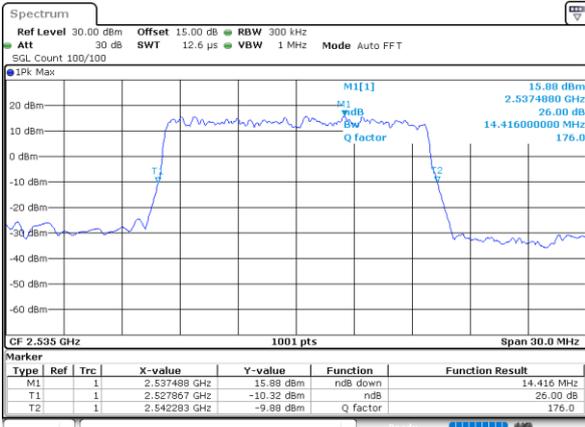
Date: 12_JUL_2025 05:37:22

Middle Channel / 10MHz / 16QAM



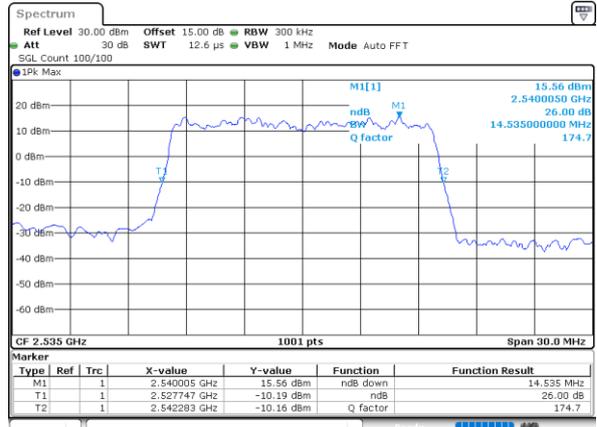
Date: 12_JUL_2025 05:18:01

Middle Channel / 15MHz / QPSK



Date: 12_JUL_2025 08:37:22

Middle Channel / 15MHz / 16QAM

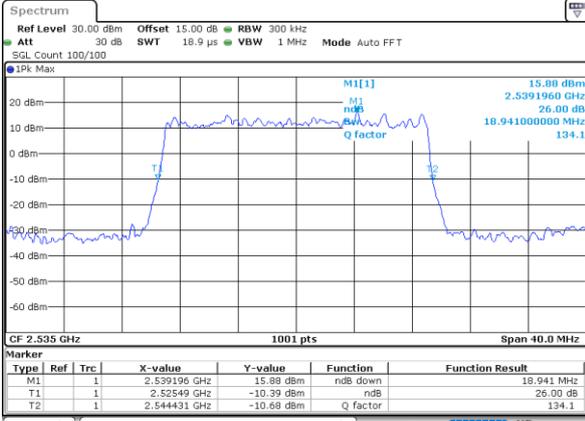


Date: 12_JUL_2025 08:18:01

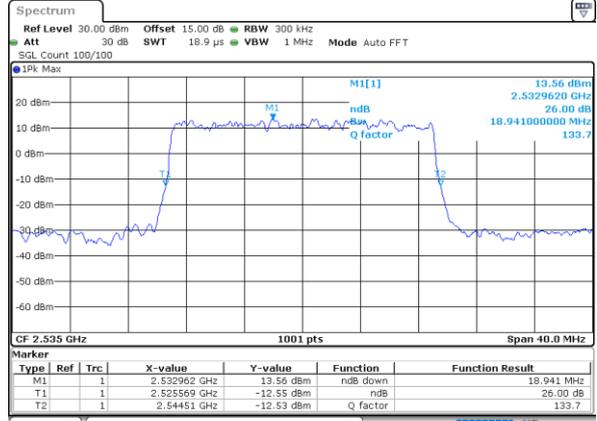


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





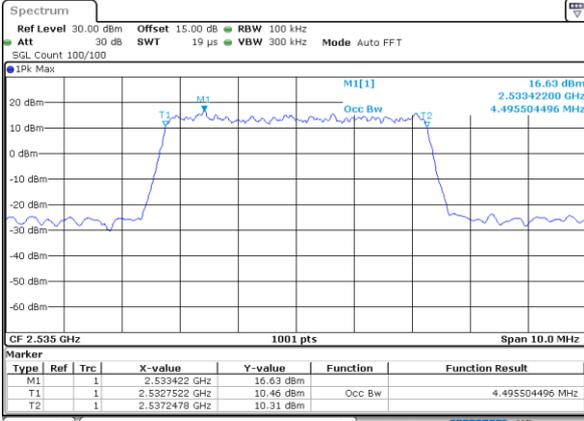
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	9.03	9.01	13.43	13.43	17.86	17.86



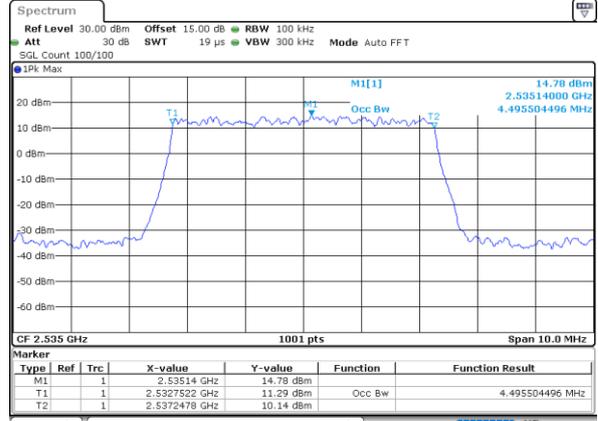
LTE Band 7

Middle Channel / 5MHz / QPSK



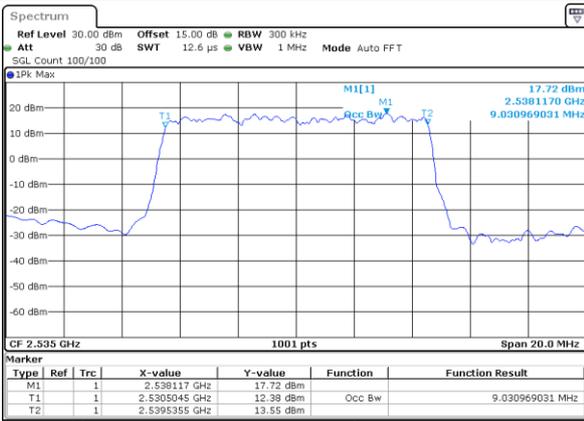
Date: 12_JUL_2025 02:37:35

Middle Channel / 5MHz / 16QAM



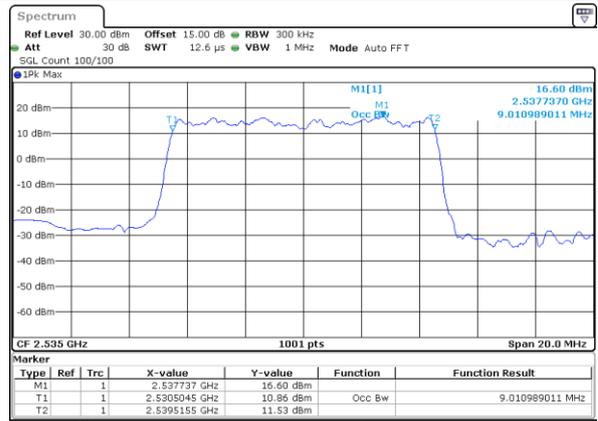
Date: 12_JUL_2025 02:38:14

Middle Channel / 10MHz / QPSK



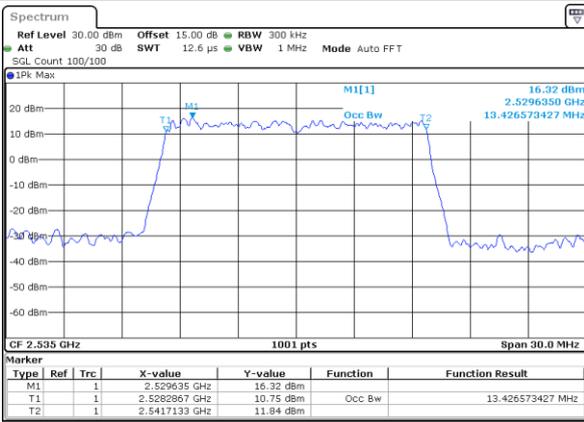
Date: 12_JUL_2025 05:37:08

Middle Channel / 10MHz / 16QAM



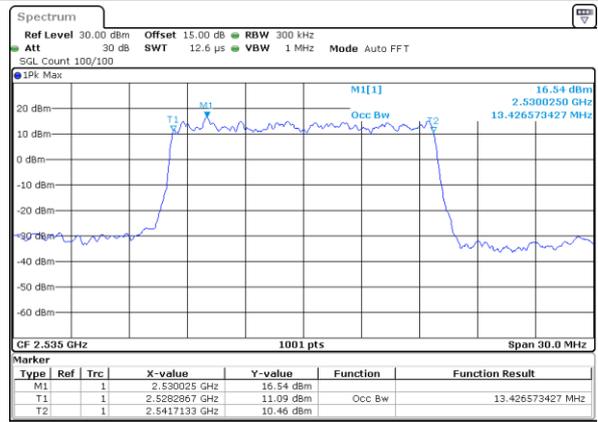
Date: 12_JUL_2025 05:37:47

Middle Channel / 15MHz / QPSK



Date: 12_JUL_2025 08:37:07

Middle Channel / 15MHz / 16QAM

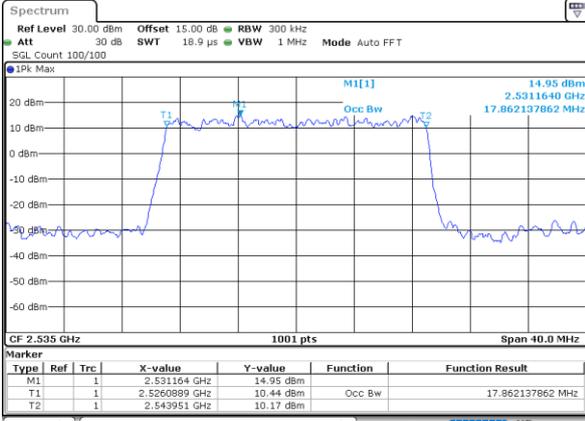


Date: 12_JUL_2025 08:37:47



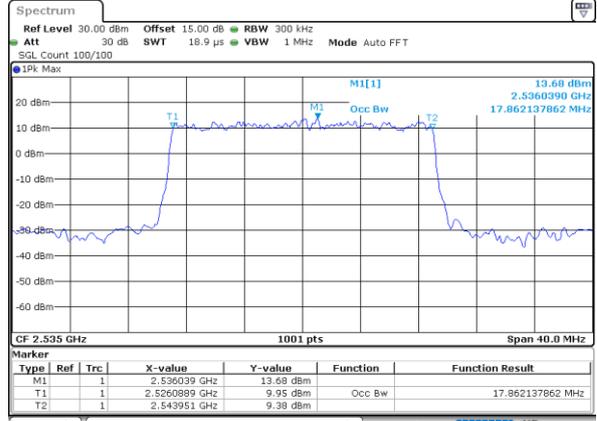
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 13.JUL.2025 20:47:16

Middle Channel / 20MHz / 16QAM



Date: 13.JUL.2025 20:47:56



Conducted Band Edge

