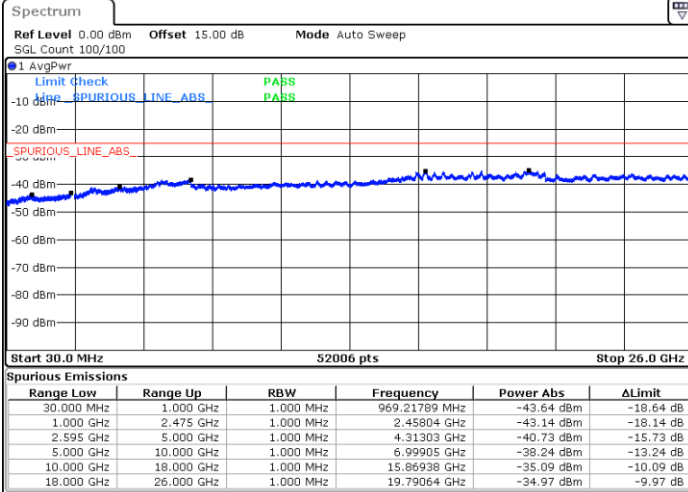




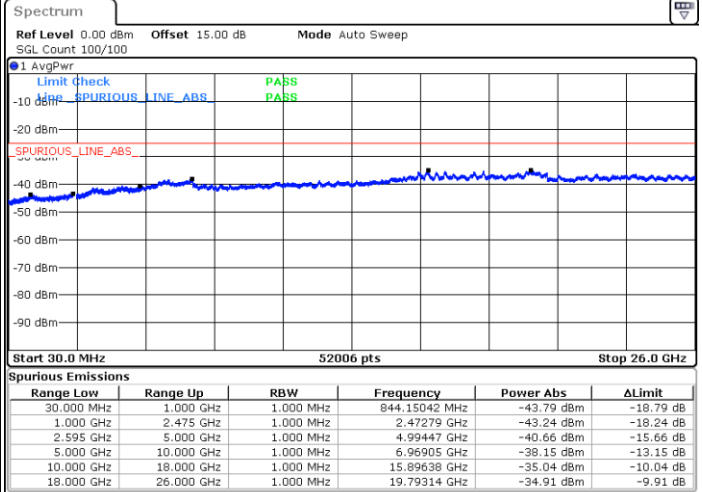
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

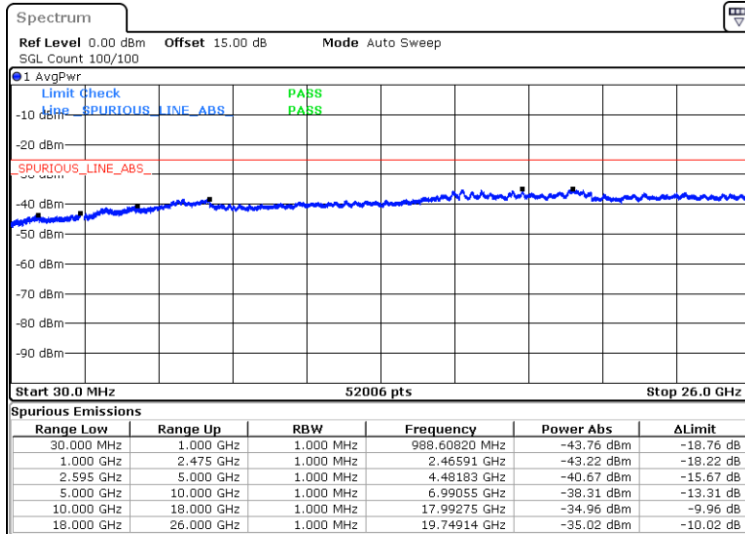


Date: 7.NOV.2023 17:59:00



Date: 7.NOV.2023 18:00:03

Highest Channel / QPSK



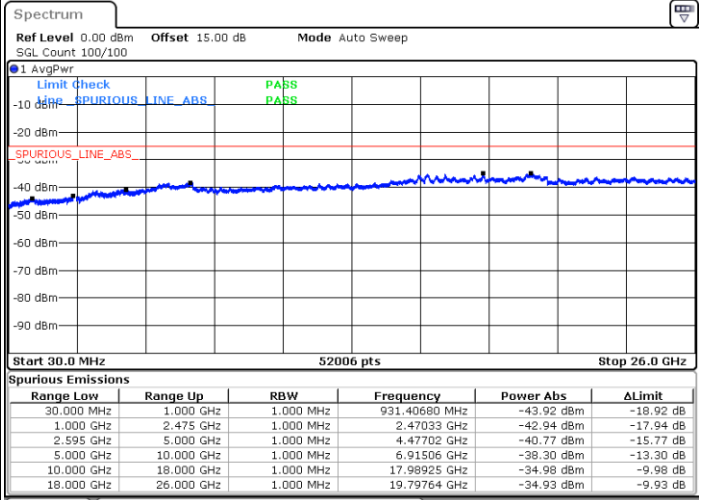
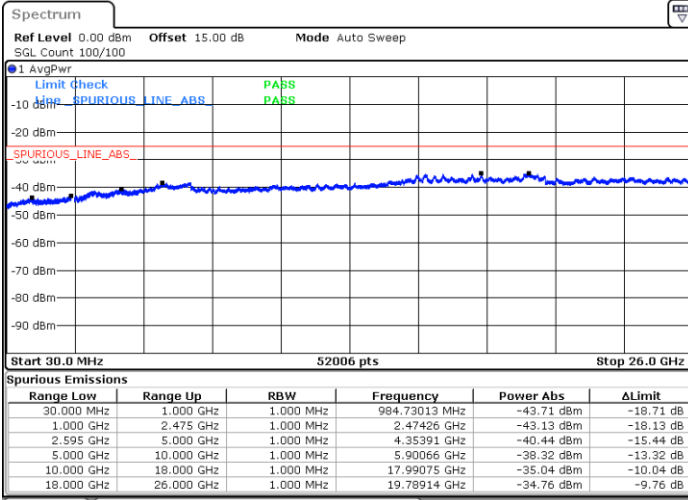
Date: 7.NOV.2023 18:01:08



LTE Band 7 / 15MHz

Lowest Channel / QPSK

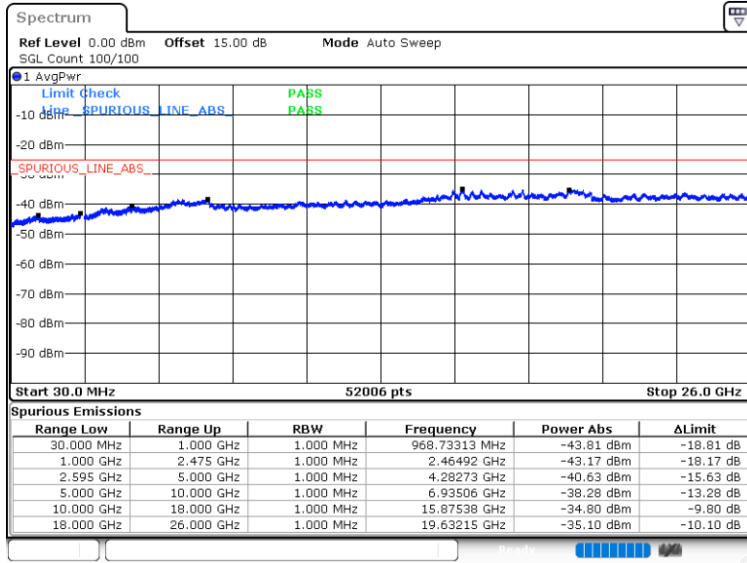
Middle Channel / QPSK



Date: 7.NOV.2023 18:03:41

Date: 7.NOV.2023 18:04:54

Highest Channel / QPSK



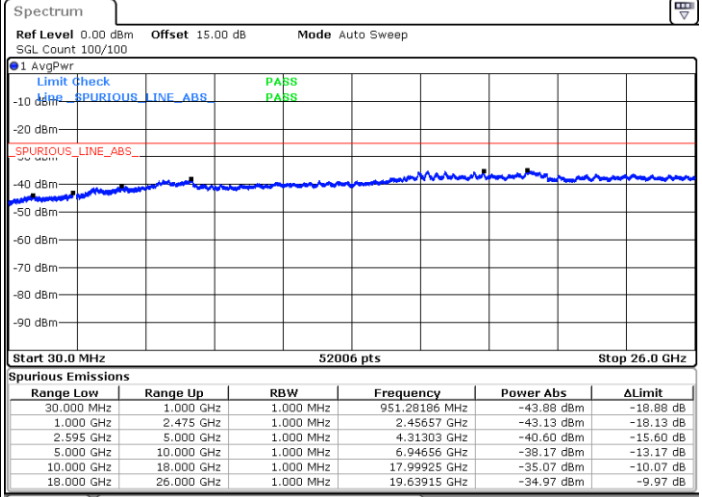
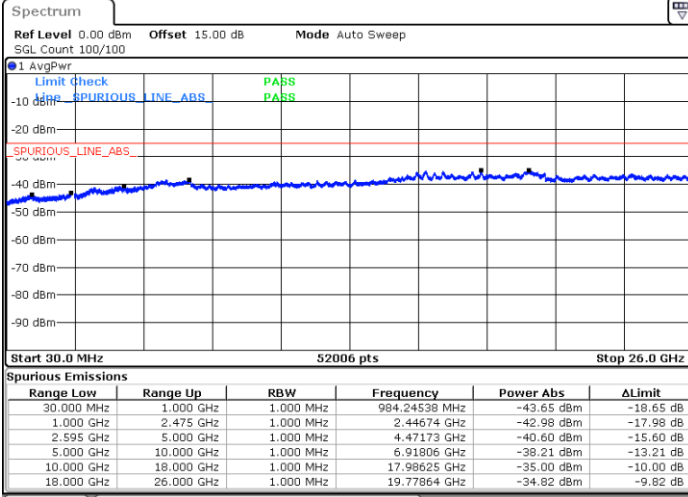
Date: 7.NOV.2023 18:05:59



LTE Band 7 / 20MHz

Lowest Channel / QPSK

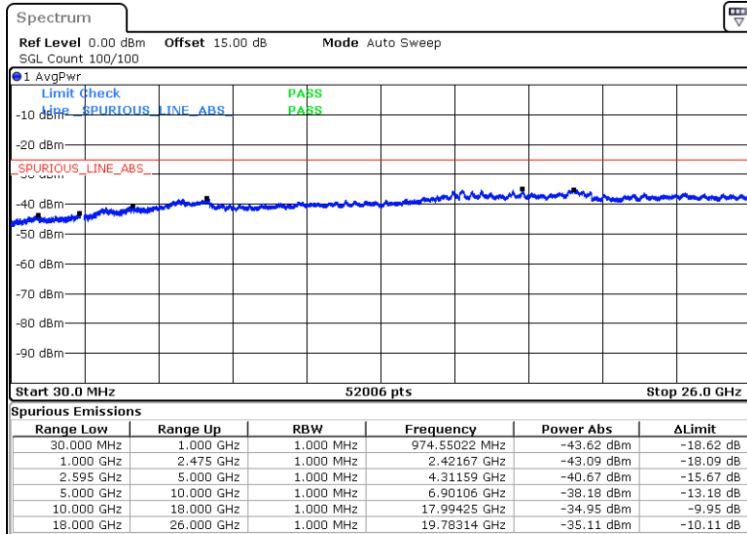
Middle Channel / QPSK



Date: 7.NOV.2023 18:07:19

Date: 7.NOV.2023 18:08:21

Highest Channel / QPSK



Date: 7.NOV.2023 18:09:20



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

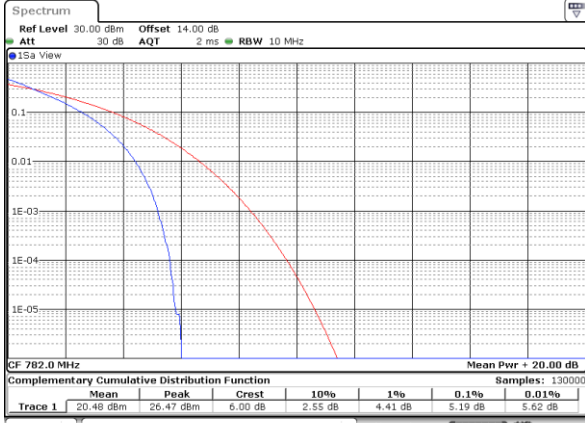
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.14	6.38	PASS



LTE Band 13 / 10MHz / QPSK

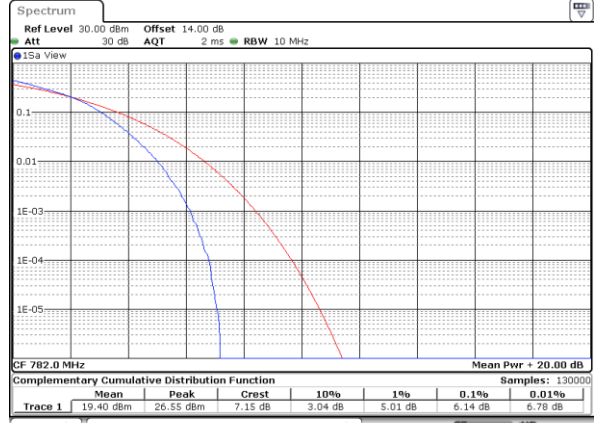
Middle Channel / Full RB



Date: 28.OCT.2023 00:39:46

LTE Band 13 / 10MHz / 16QAM

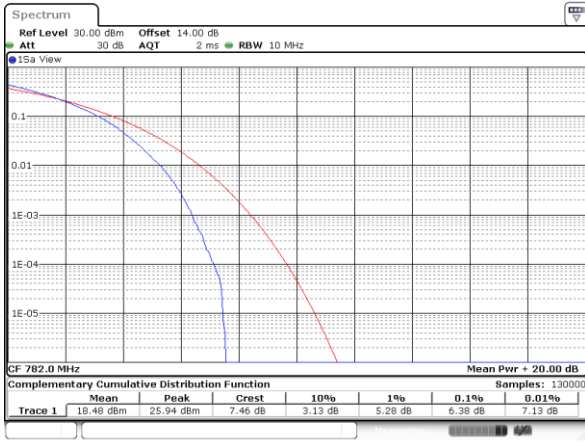
Middle Channel / Full RB



Date: 28.OCT.2023 00:40:13

LTE Band 13 / 10MHz / 64QAM

Middle Channel / Full RB



Date: 28.OCT.2023 00:40:40

NA



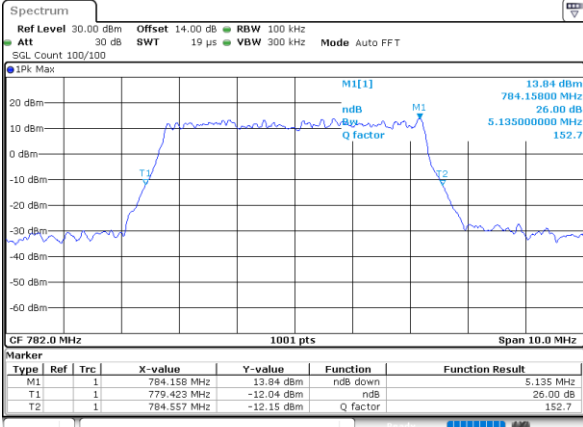
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
	BW				5MHz		10MHz					
Mod.					QPSK	16QAM	QPSK	16QAM				
Middle CH					5.14	4.95	10.13	9.89				



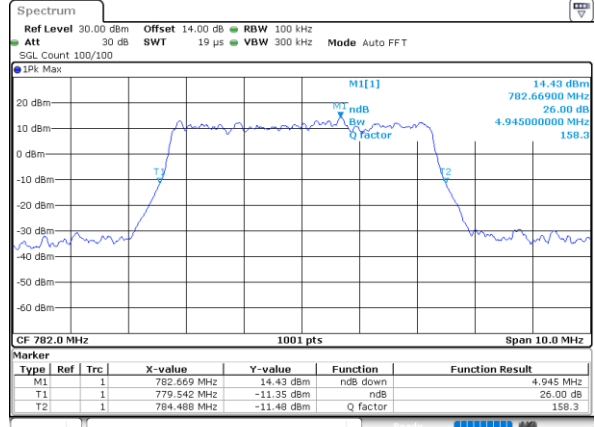
LTE Band 13

Middle Channel / 5MHz / QPSK



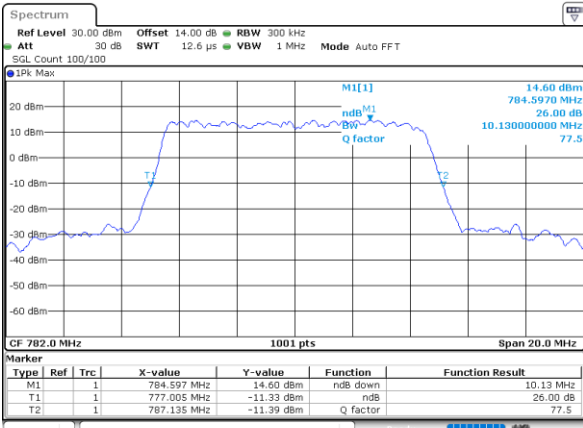
Date: 28.OCT.2023 00:26:59

Middle Channel / 5MHz / 16QAM



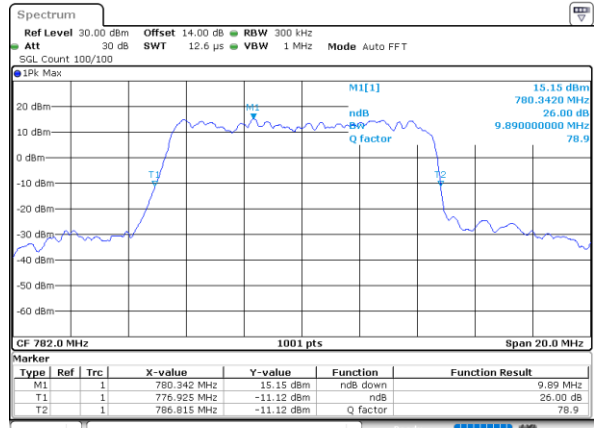
Date: 28.OCT.2023 00:27:39

Middle Channel / 10MHz / QPSK



Date: 28.OCT.2023 00:38:40

Middle Channel / 10MHz / 16QAM



Date: 28.OCT.2023 00:39:20



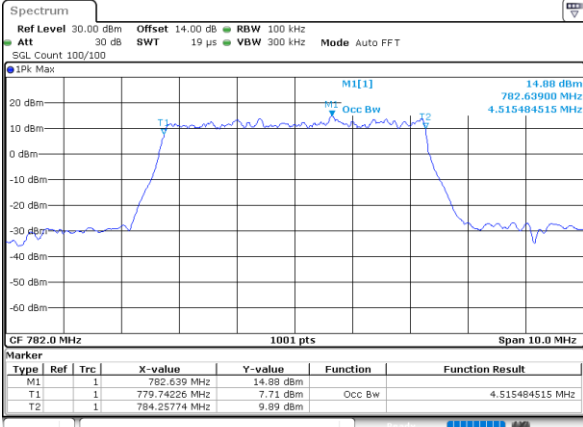
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)									
	5MHz				10MHz					
BW										
Mod.	QPSK		16QAM		QPSK		16QAM			
Middle CH					4.52	4.49	9.07	9.05		



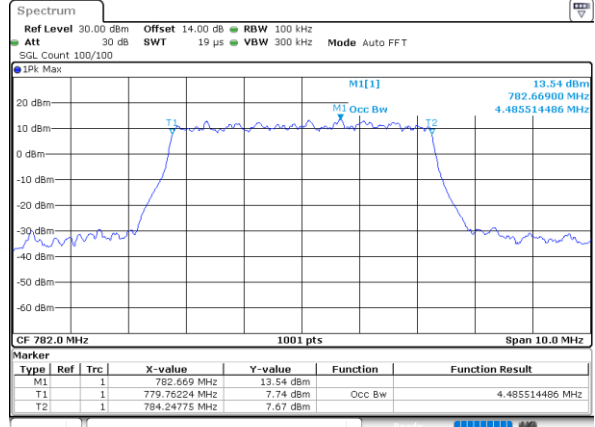
LTE Band 13

Middle Channel / 5MHz / QPSK



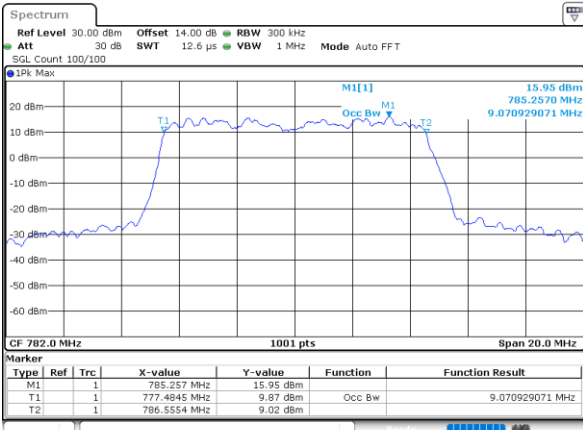
Date: 28.OCT.2023 00:26:45

Middle Channel / 5MHz / 16QAM



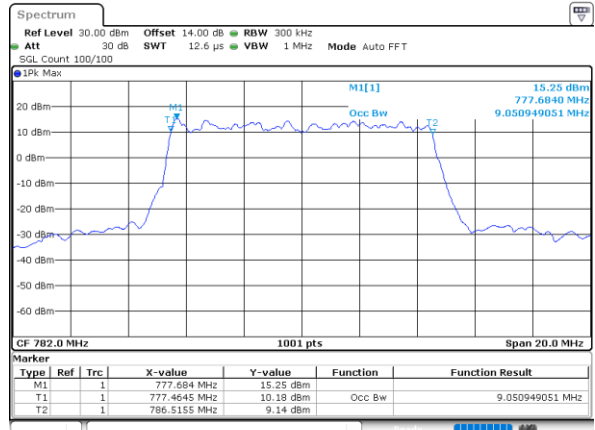
Date: 28.OCT.2023 00:27:25

Middle Channel / 10MHz / QPSK



Date: 28.OCT.2023 00:38:26

Middle Channel / 10MHz / 16QAM



Date: 28.OCT.2023 00:39:06

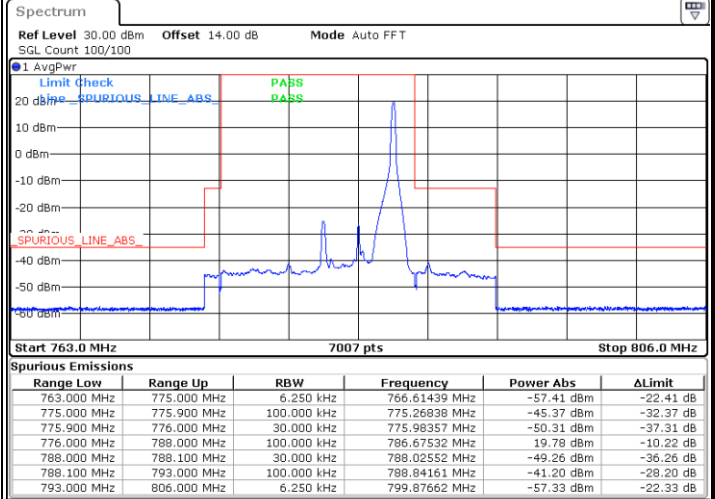
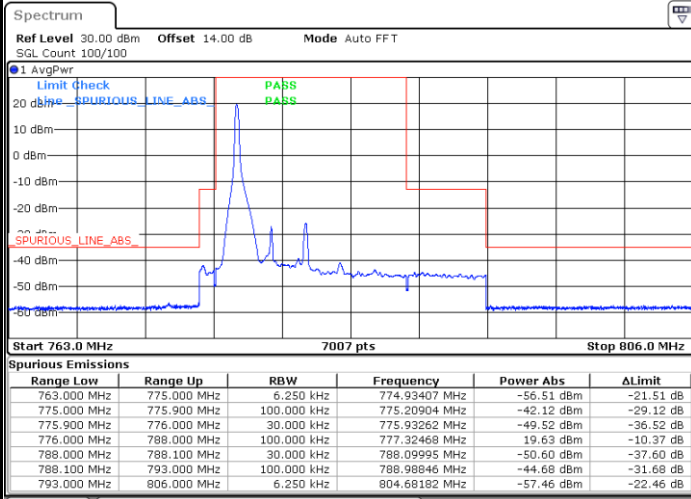


Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

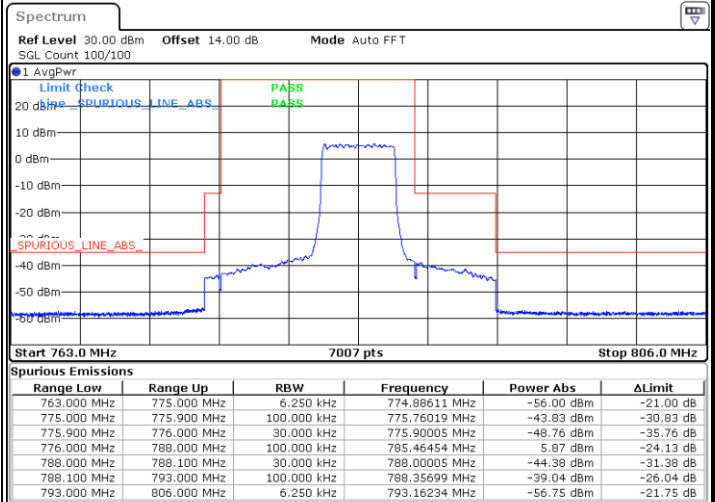
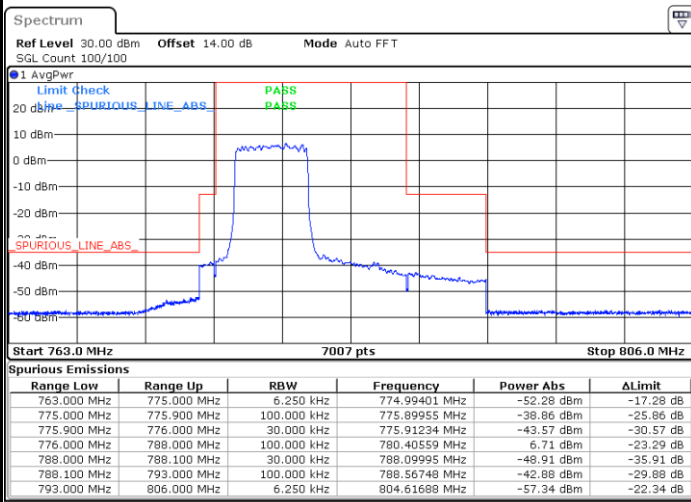


Date: 28.OCT.2023 00:21:39

Date: 28.OCT.2023 00:28:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.OCT.2023 00:23:10

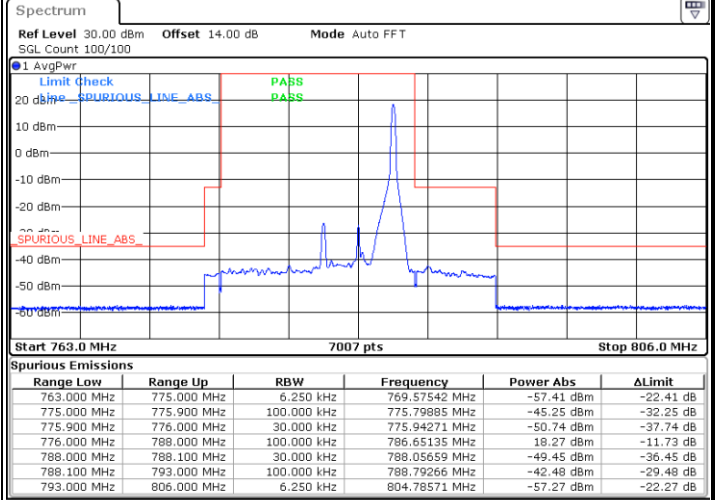
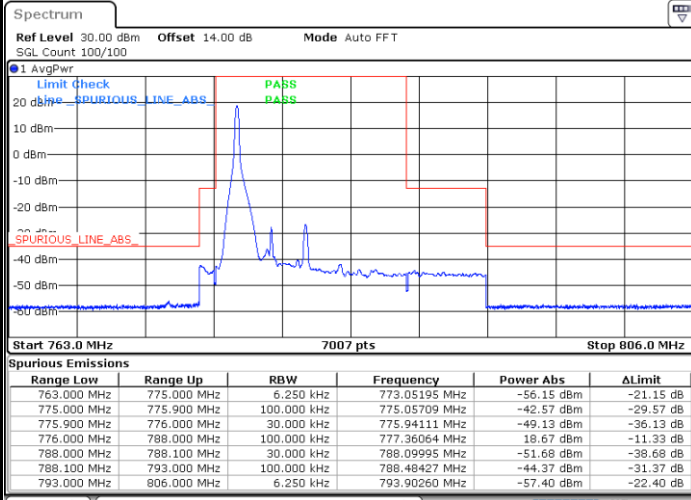
Date: 28.OCT.2023 00:29:39



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

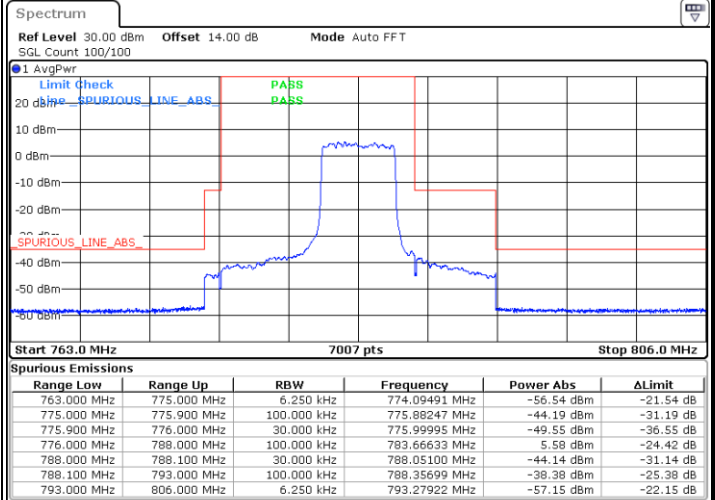
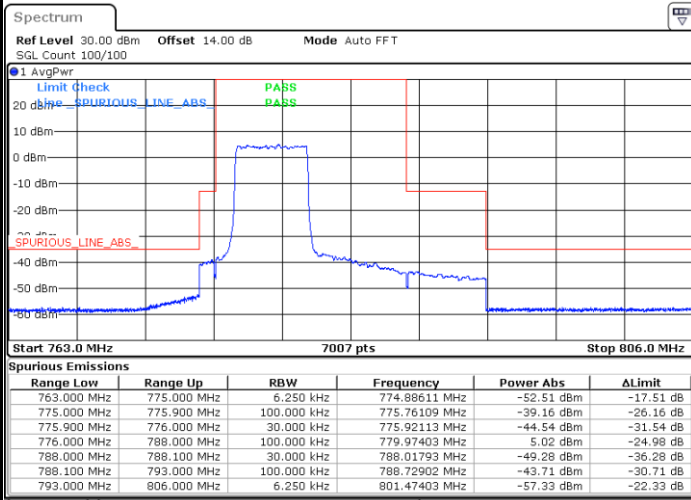


Date: 28.OCT.2023 00:22:09

Date: 28.OCT.2023 00:28:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.OCT.2023 00:23:40

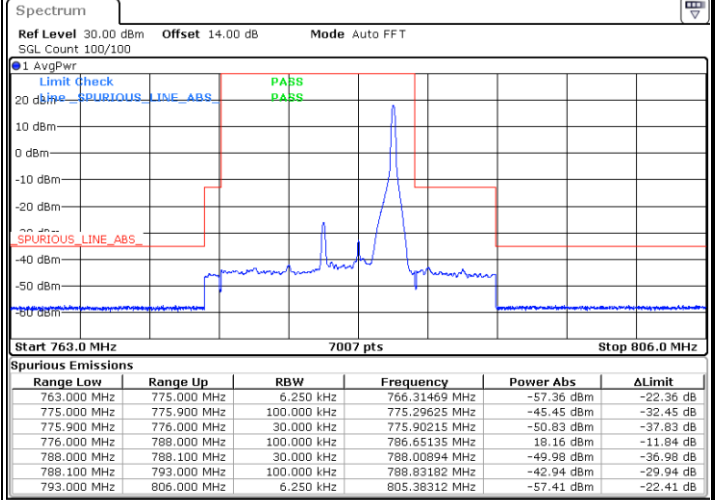
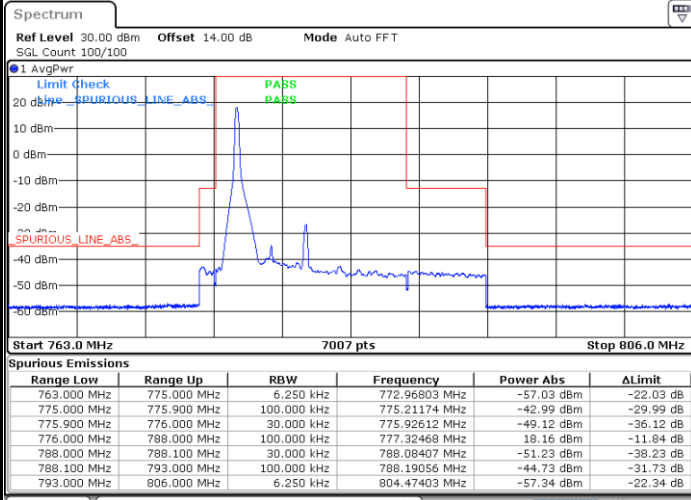
Date: 28.OCT.2023 00:30:10



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

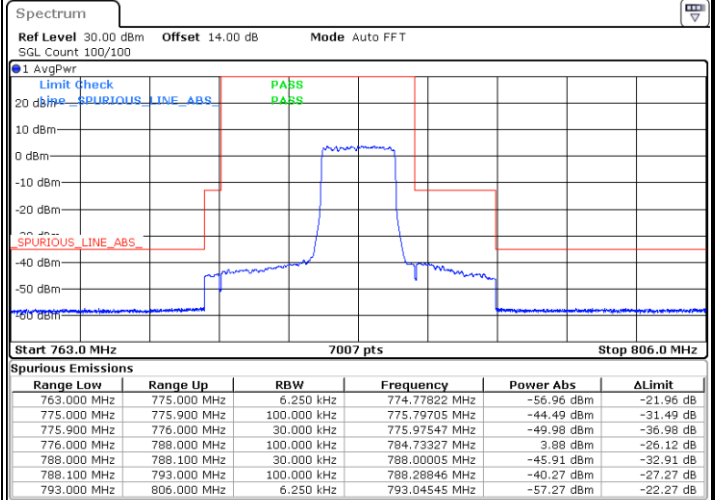
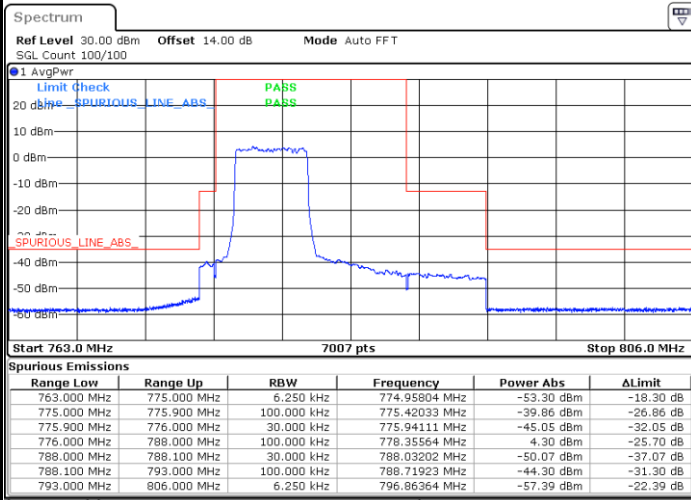


Date: 28.OCT.2023 00:22:39

Date: 28.OCT.2023 00:29:09

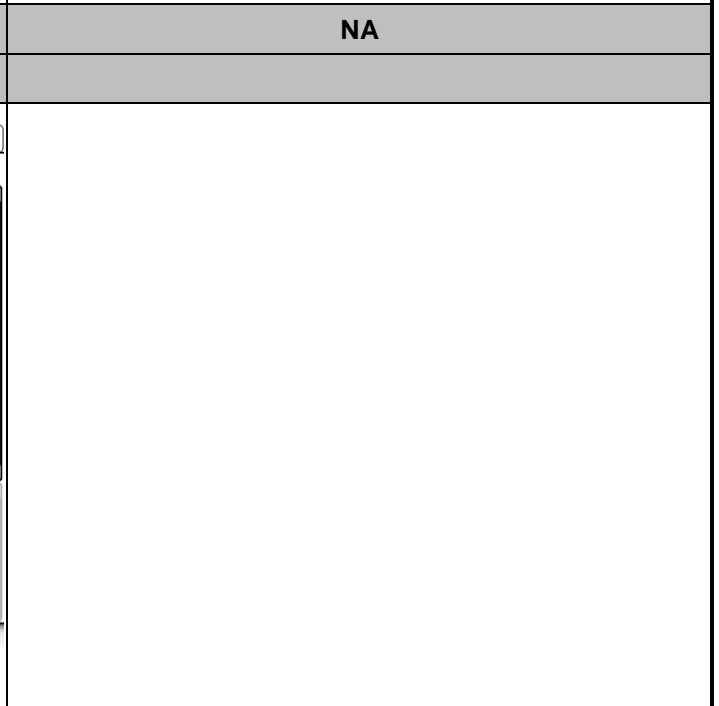
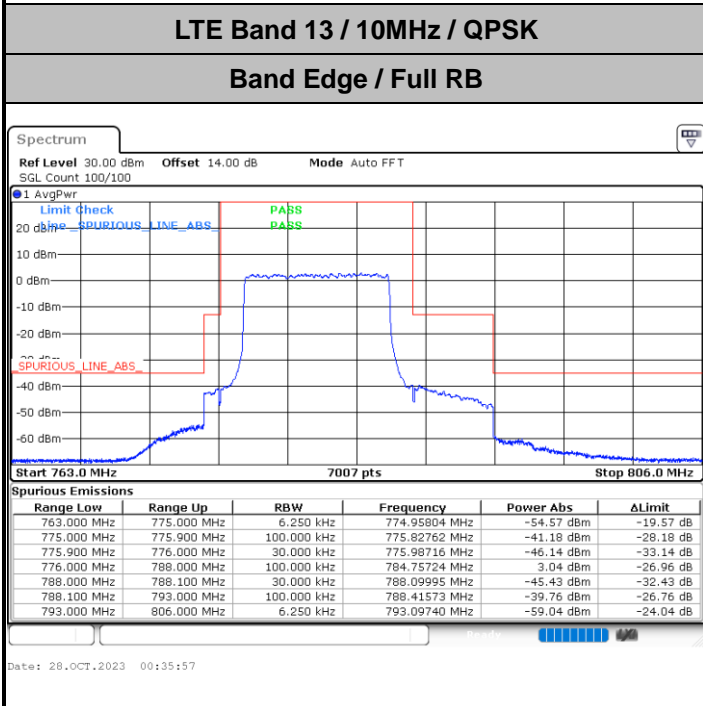
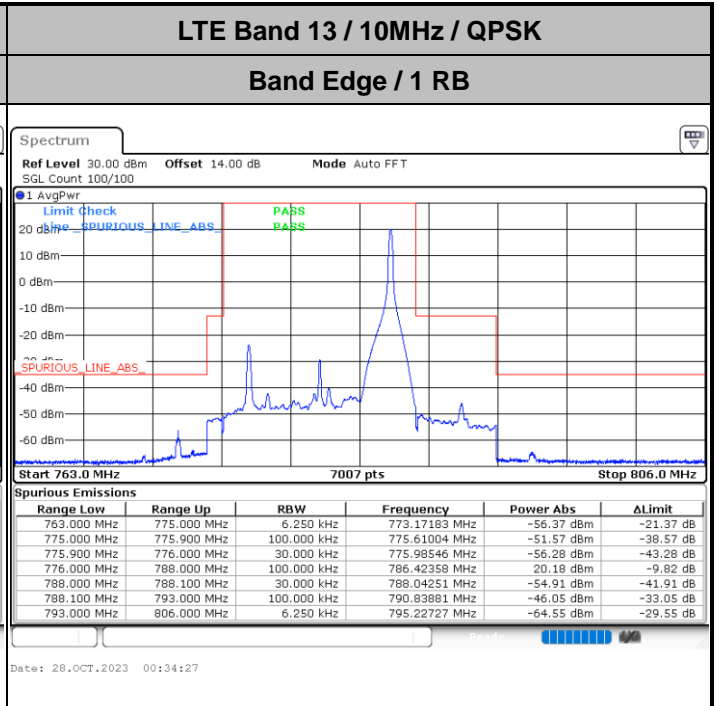
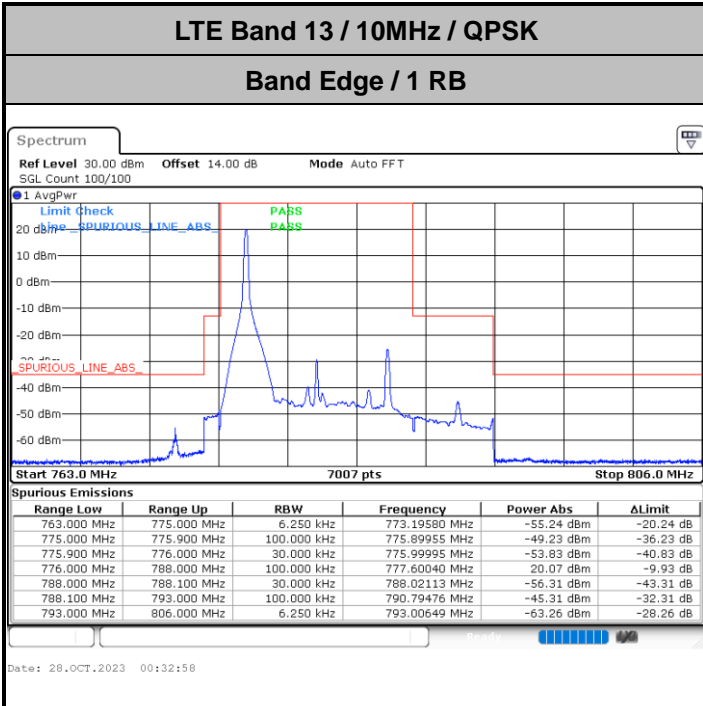
Lowest Band Edge / Full RB

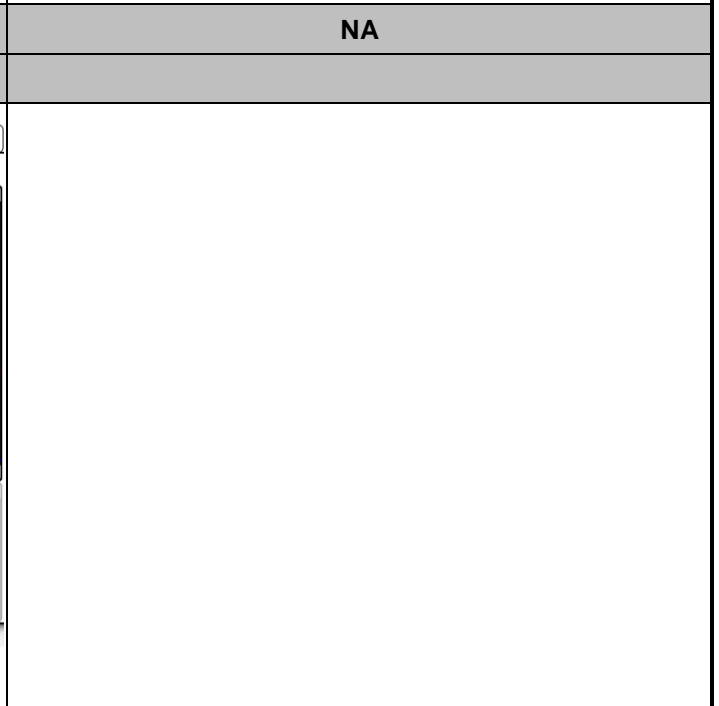
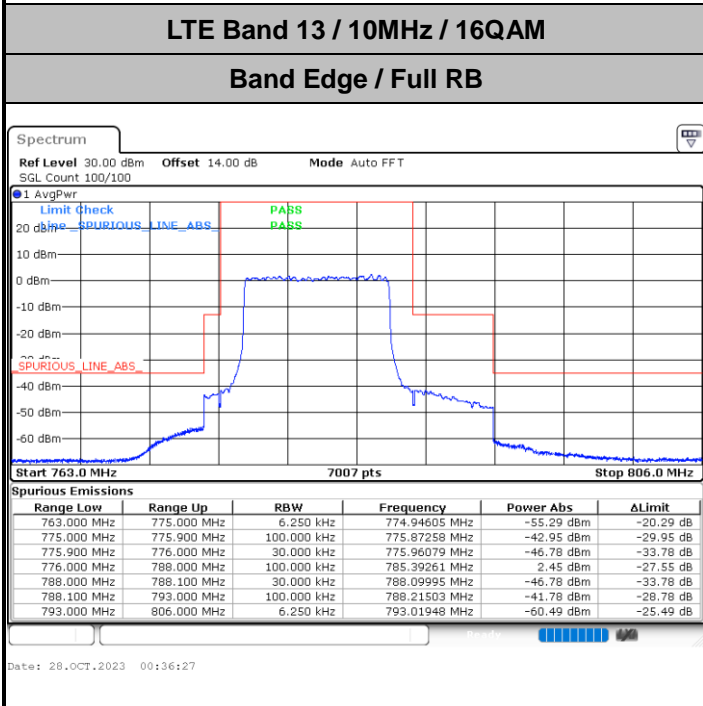
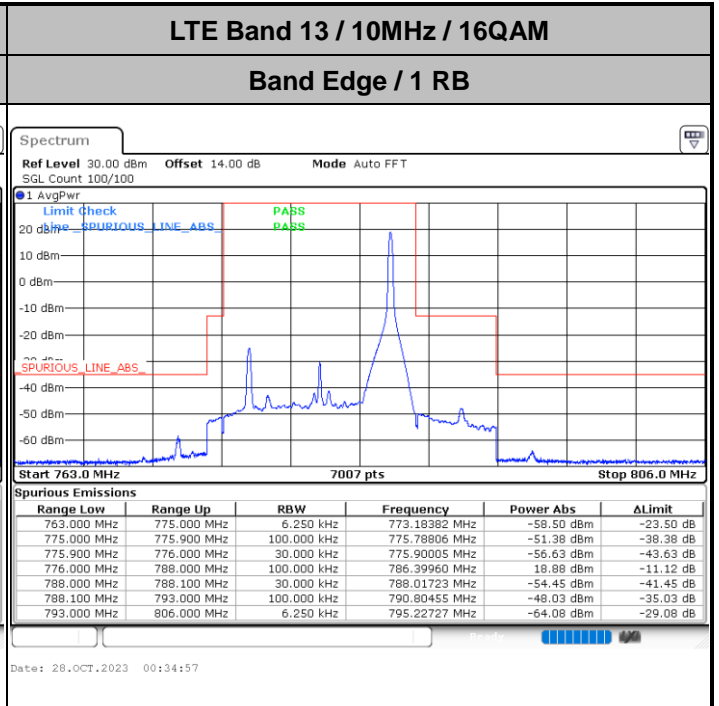
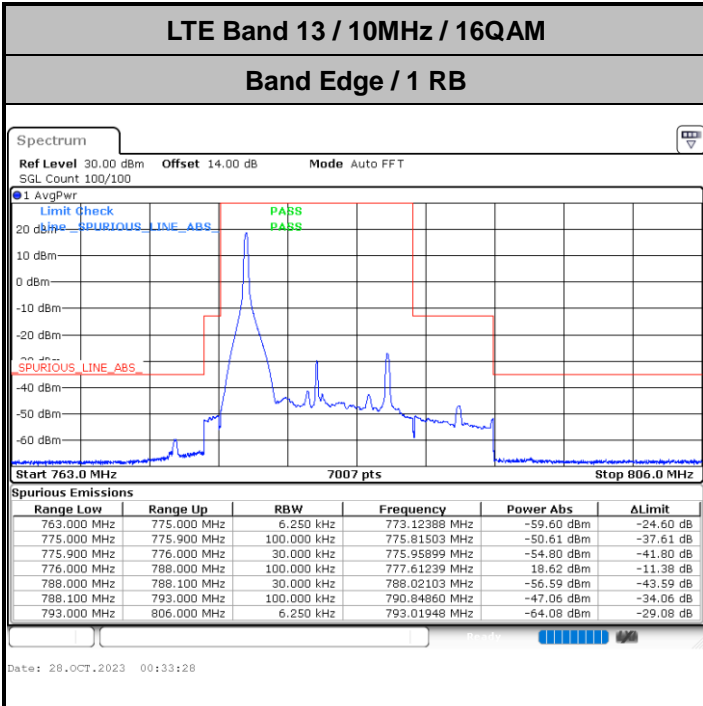
Highest Band Edge / Full RB

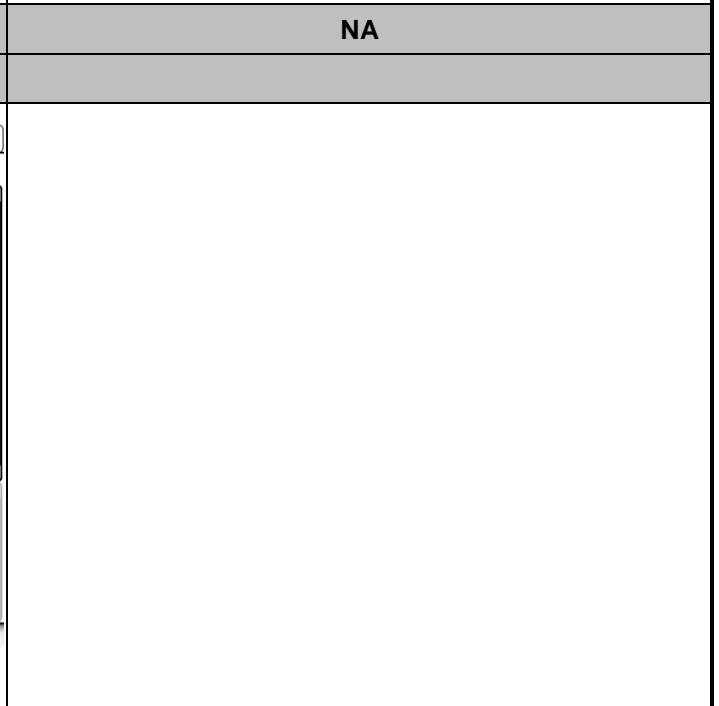
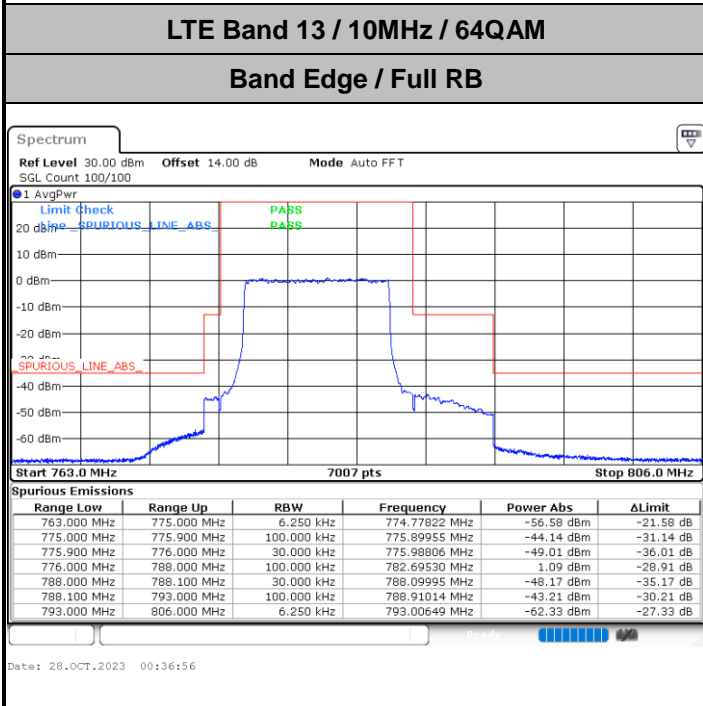
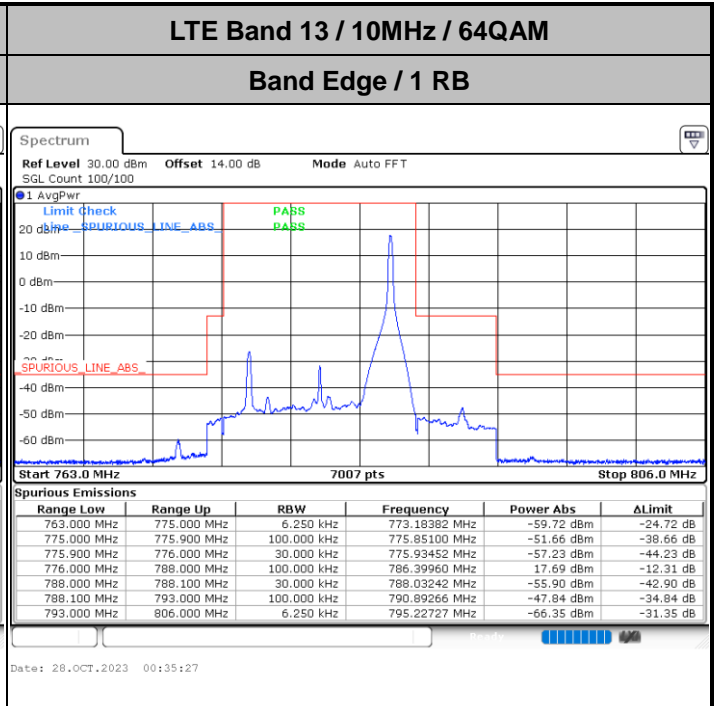
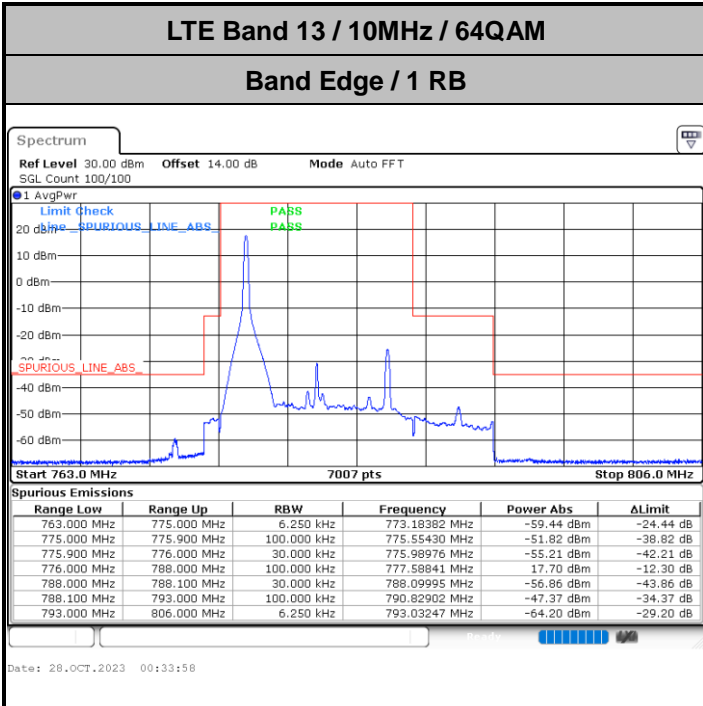


Date: 28.OCT.2023 00:24:10

Date: 28.OCT.2023 00:30:40

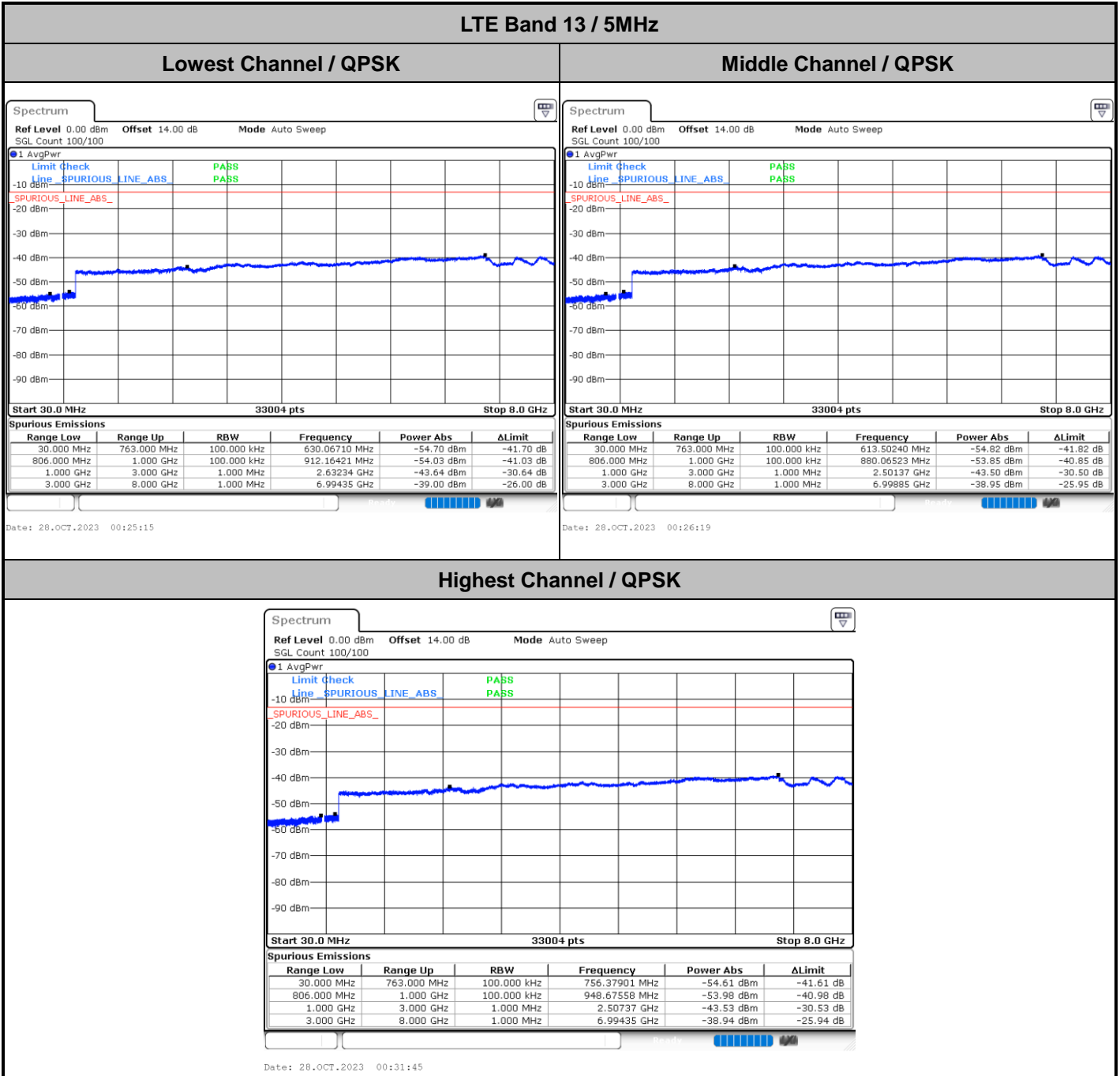








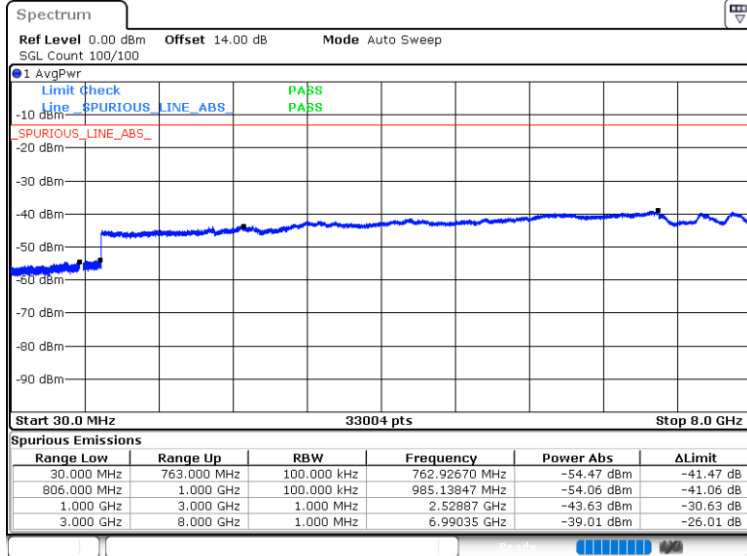
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28.OCT.2023 00:38:01



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

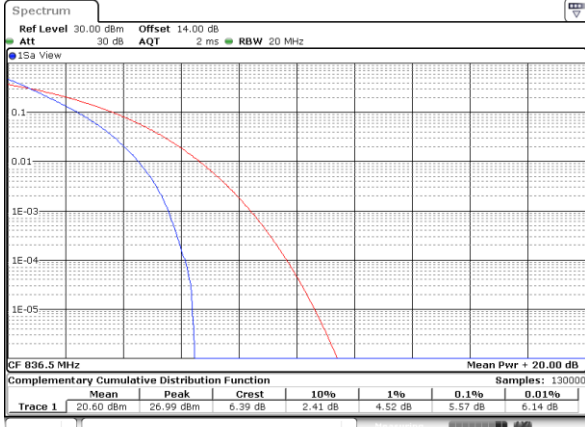
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.57	6.38	6.55	PASS



LTE Band 26 / 15MHz / QPSK

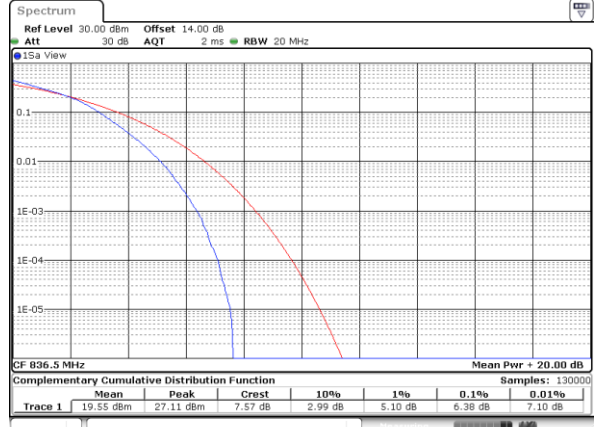
Middle Channel / Full RB



Date: 28.OCT.2023 03:17:44

LTE Band 26 / 15MHz / 16QAM

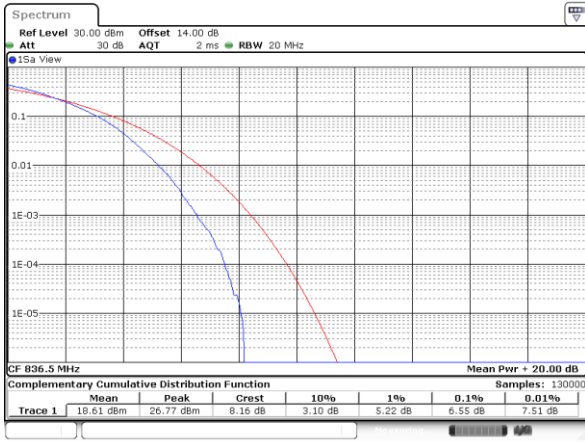
Middle Channel / Full RB



Date: 28.OCT.2023 03:18:11

LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB



Date: 28.OCT.2023 03:18:38

NA



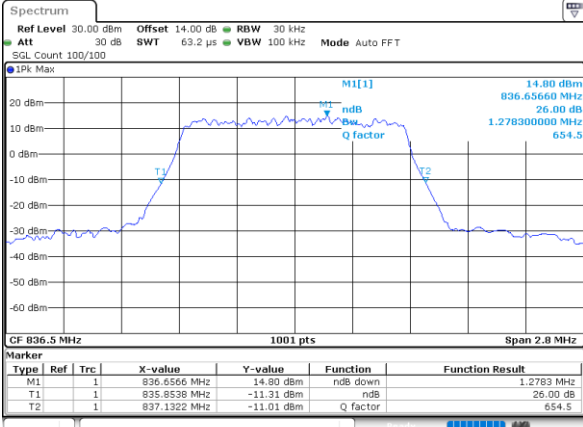
26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz			
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	1.28	1.26	2.96	2.94	4.89	4.75	9.71	9.73	14.45	14.45		



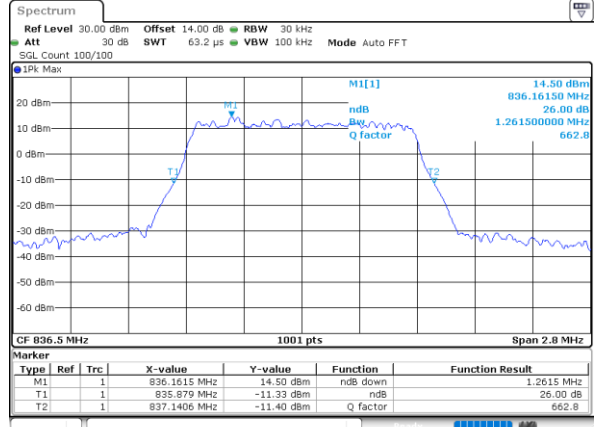
LTE Band 26

Middle Channel / 1.4MHz / QPSK



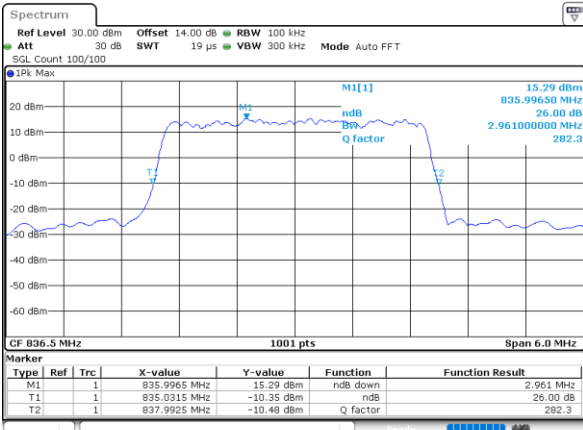
Date: 28.OCT.2023 02:11:18

Middle Channel / 1.4MHz / 16QAM



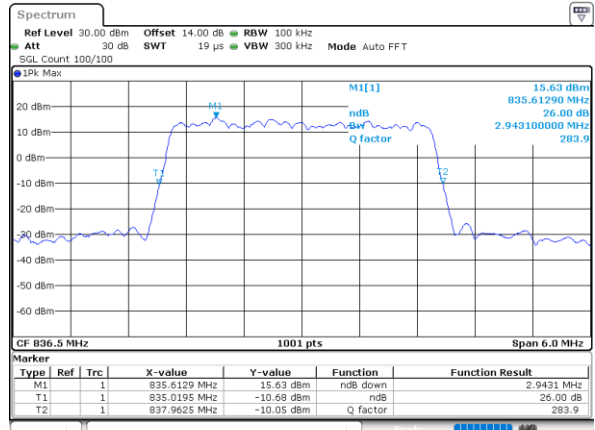
Date: 28.OCT.2023 02:11:58

Middle Channel / 3MHz / QPSK



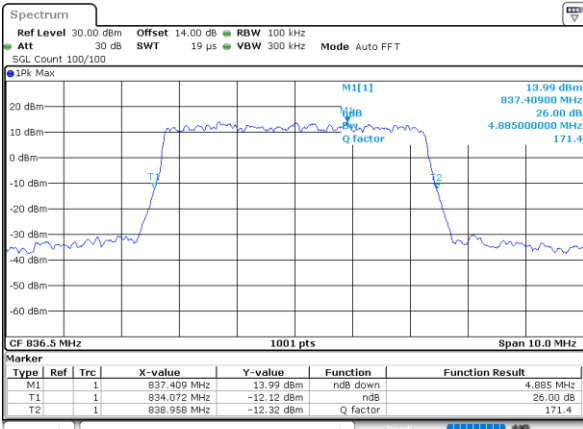
Date: 28.OCT.2023 02:27:39

Middle Channel / 3MHz / 16QAM



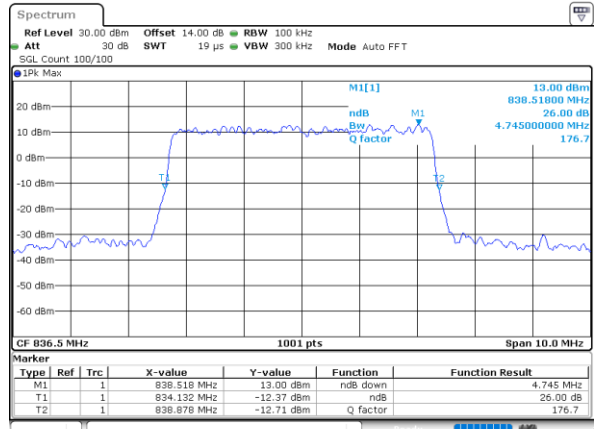
Date: 28.OCT.2023 02:28:19

Middle Channel / 5MHz / QPSK



Date: 28.OCT.2023 02:44:00

Middle Channel / 5MHz / 16QAM

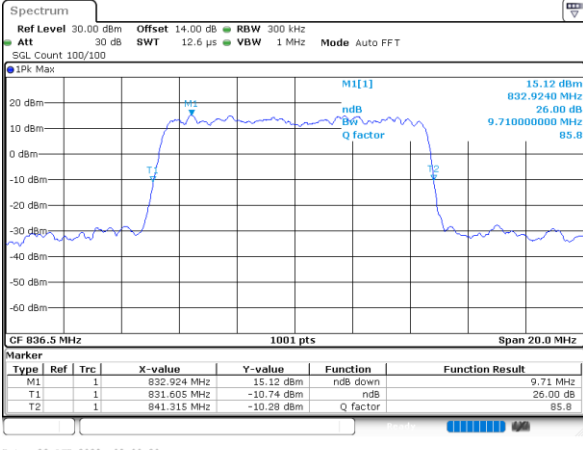


Date: 28.OCT.2023 02:44:40

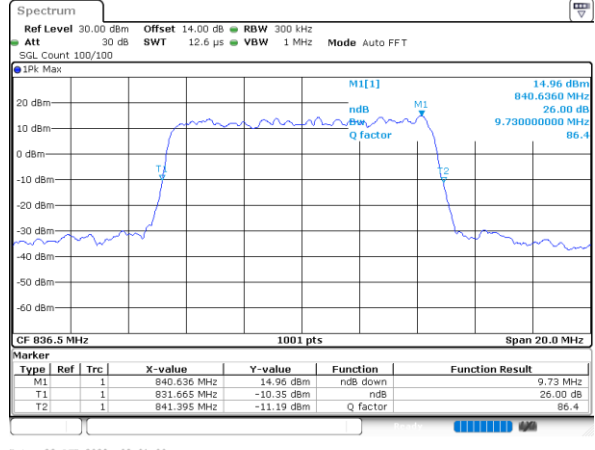


LTE Band 26

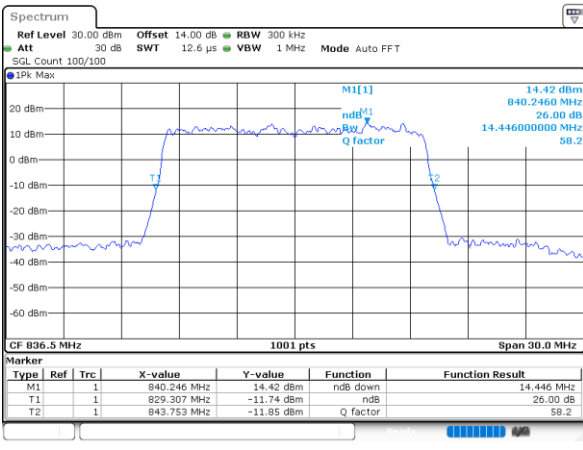
Middle Channel / 10MHz / QPSK



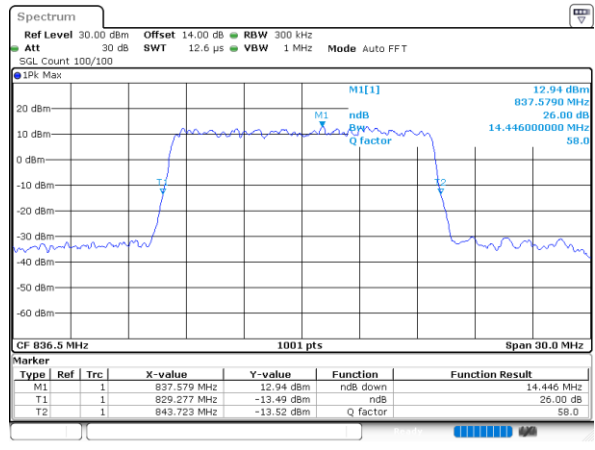
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM





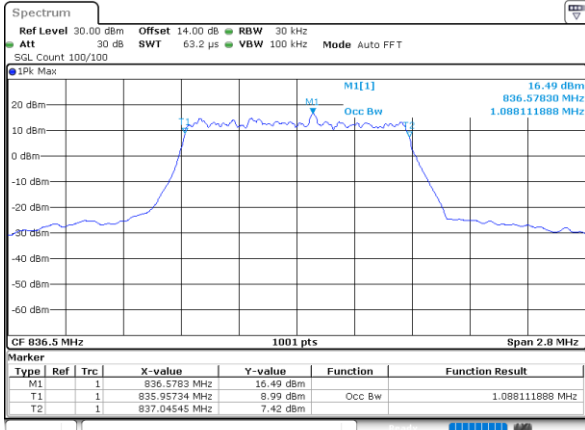
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		15MHz CH26790	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.70	2.72	4.48	4.49	9.07	9.05	13.43	13.43	13.46	13.40



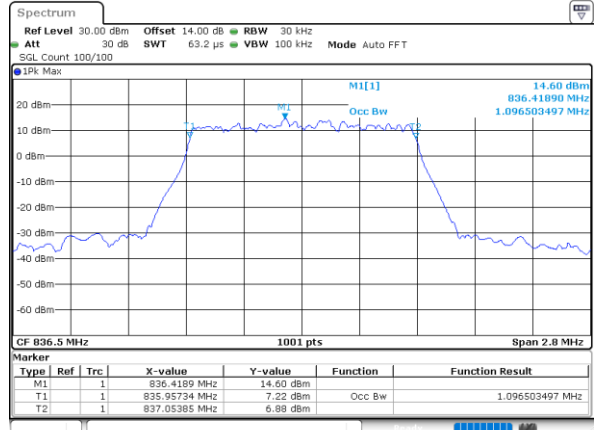
LTE Band 26

Middle Channel / 1.4MHz / QPSK



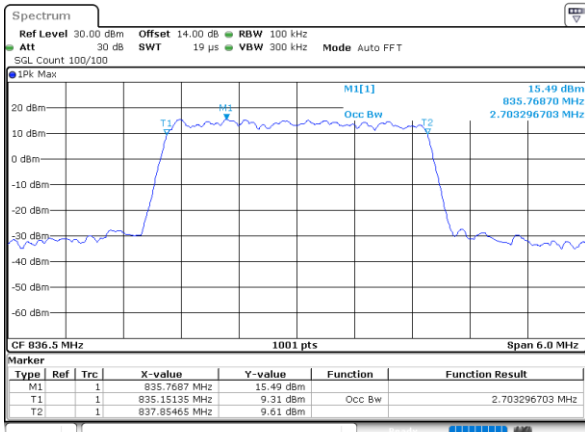
Date: 28.OCT.2023 02:11:04

Middle Channel / 1.4MHz / 16QAM



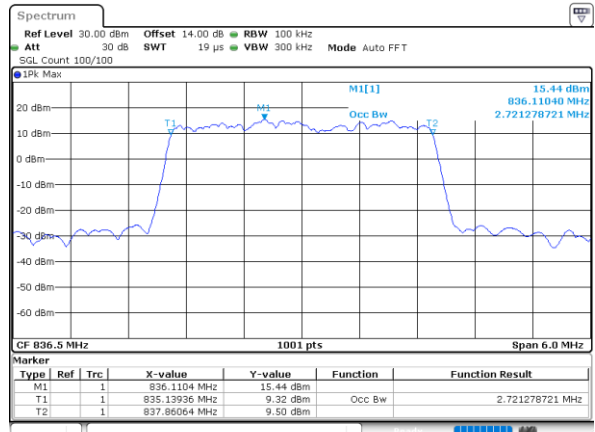
Date: 28.OCT.2023 02:11:44

Middle Channel / 3MHz / QPSK



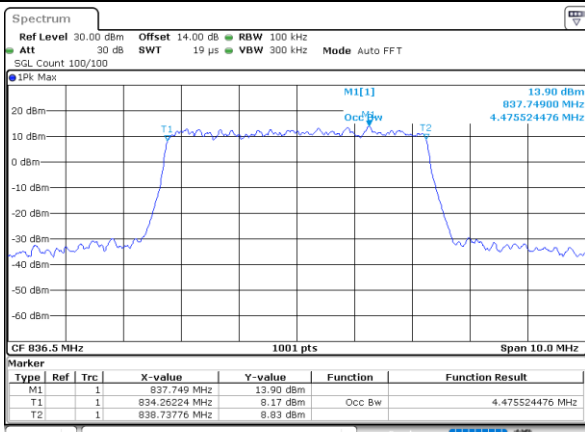
Date: 28.OCT.2023 02:27:05

Middle Channel / 3MHz / 16QAM



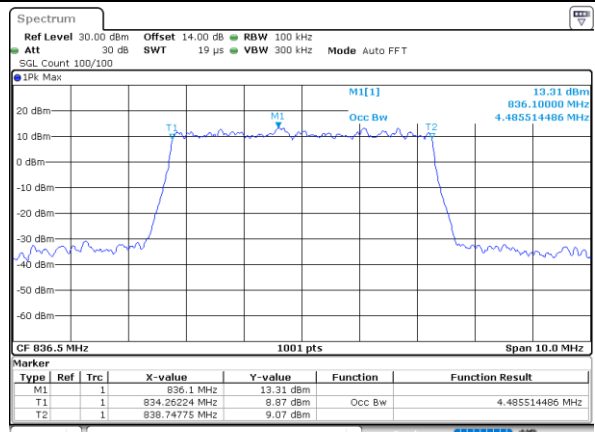
Date: 28.OCT.2023 02:28:05

Middle Channel / 5MHz / QPSK



Date: 28.OCT.2023 02:43:46

Middle Channel / 5MHz / 16QAM

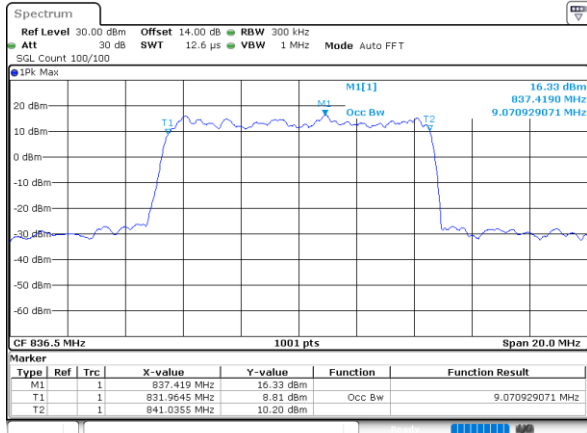


Date: 28.OCT.2023 02:44:25

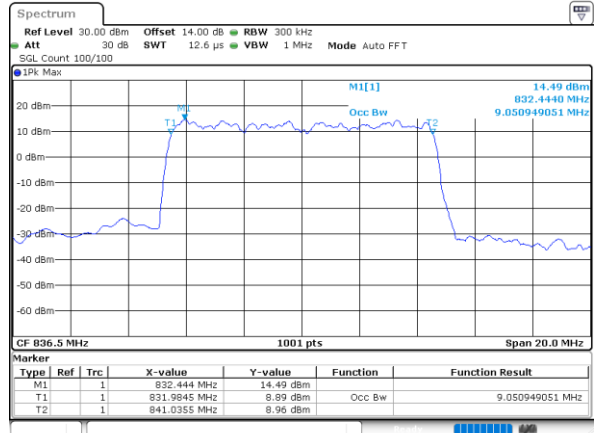


LTE Band 26

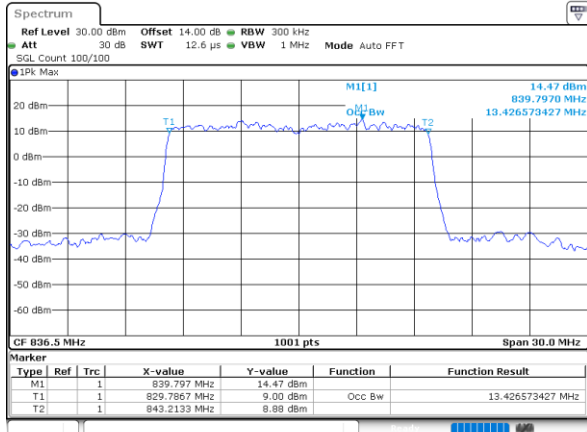
Middle Channel / 10MHz / QPSK



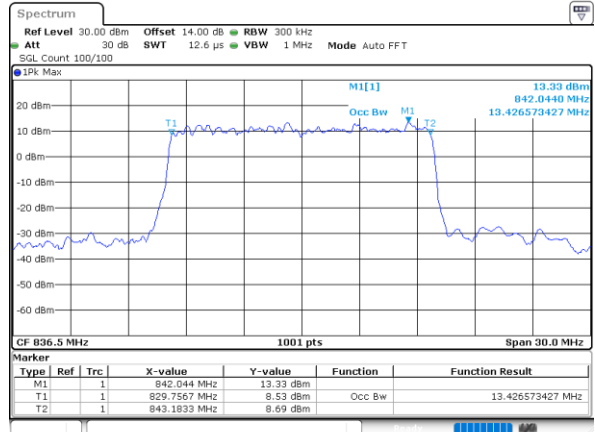
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

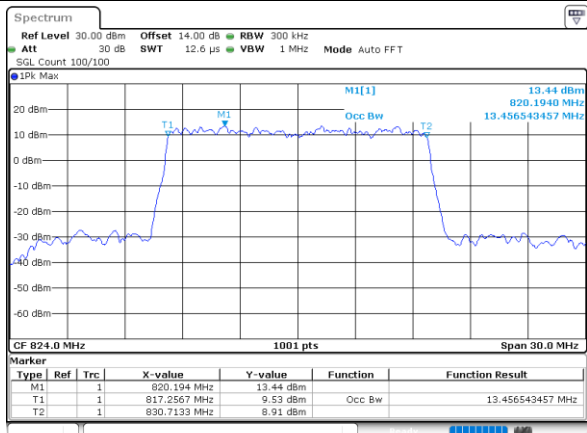


Middle Channel / 15MHz / 16QAM

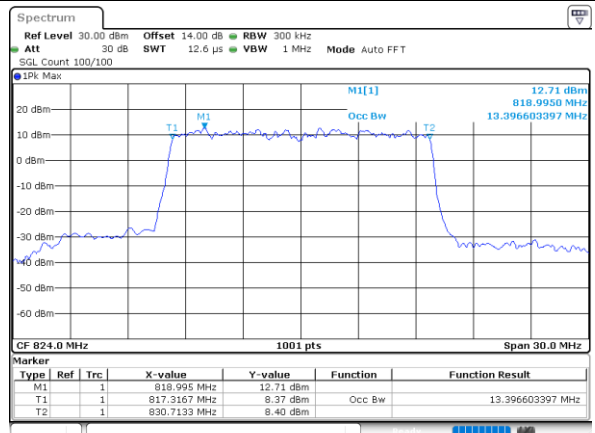


LTE Band 26

Low Channel / CH26790 / QPSK

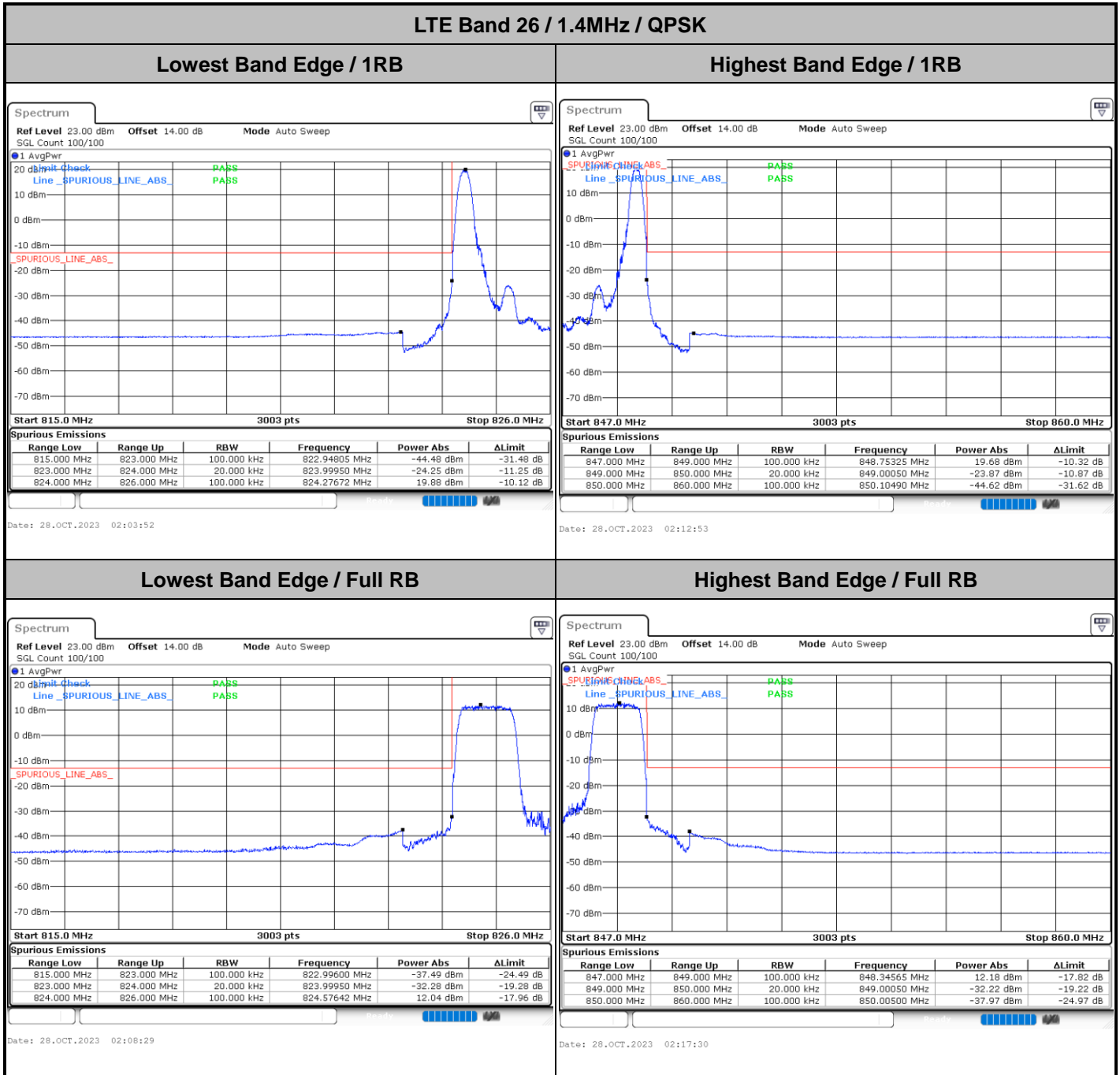


Low Channel / CH26790 / 16QAM





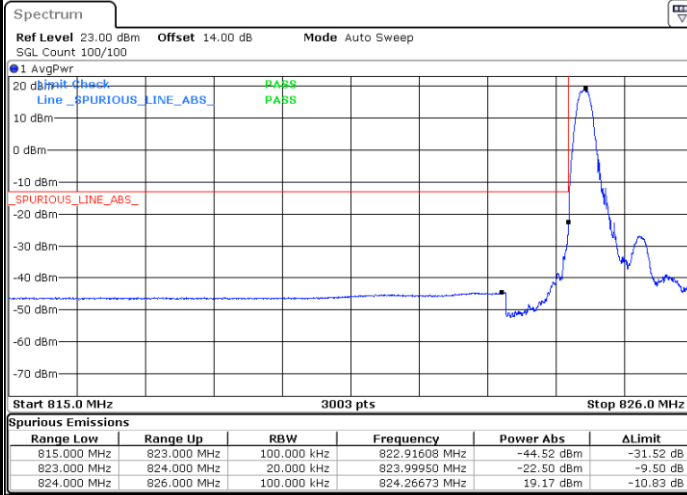
Conducted Band Edge





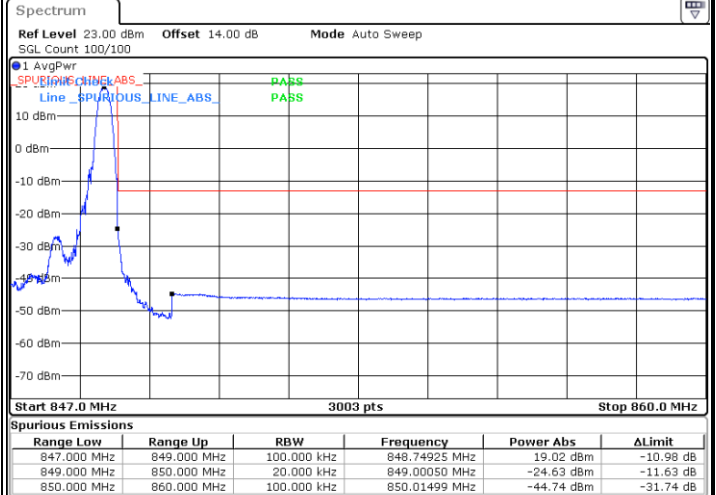
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



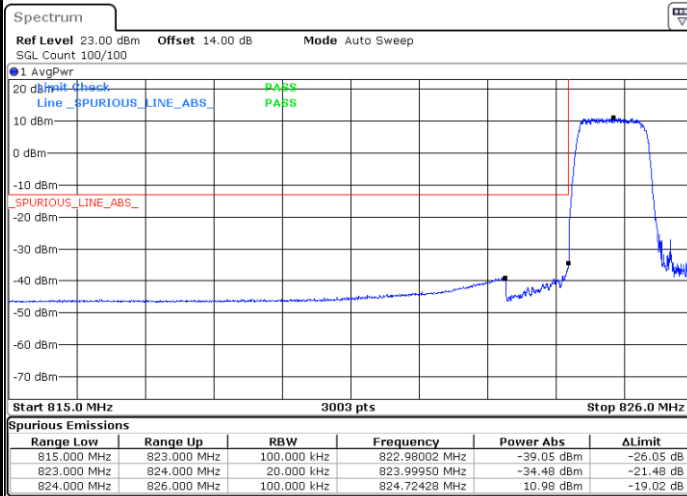
Date: 28.OCT.2023 02:04:47

Highest Band Edge / 1 RB



Date: 28.OCT.2023 02:13:48

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:07:33

Highest Band Edge / Full RB

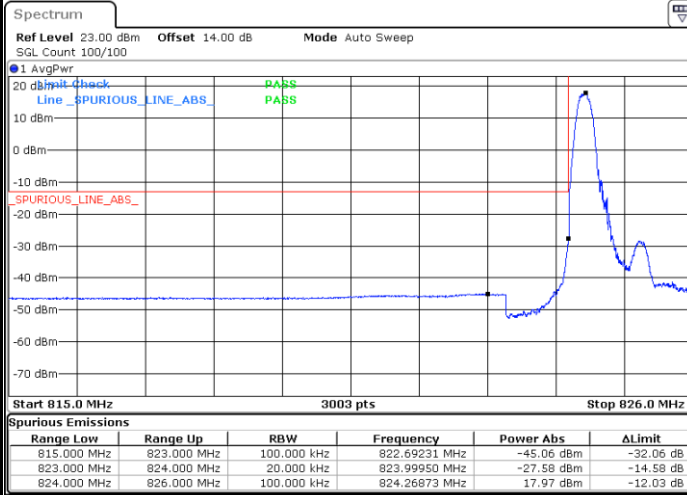


Date: 28.OCT.2023 02:16:34



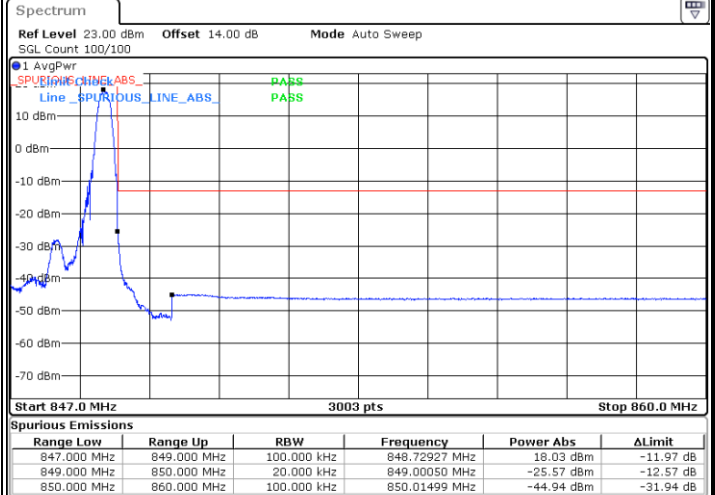
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



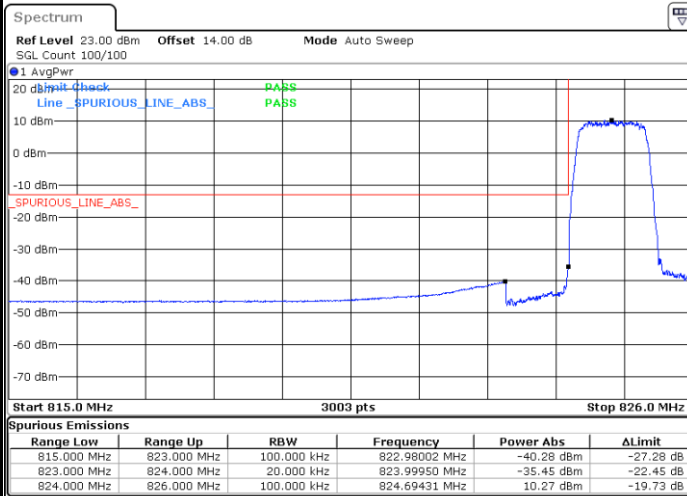
Date: 28.OCT.2023 02:05:43

Highest Band Edge / 1 RB



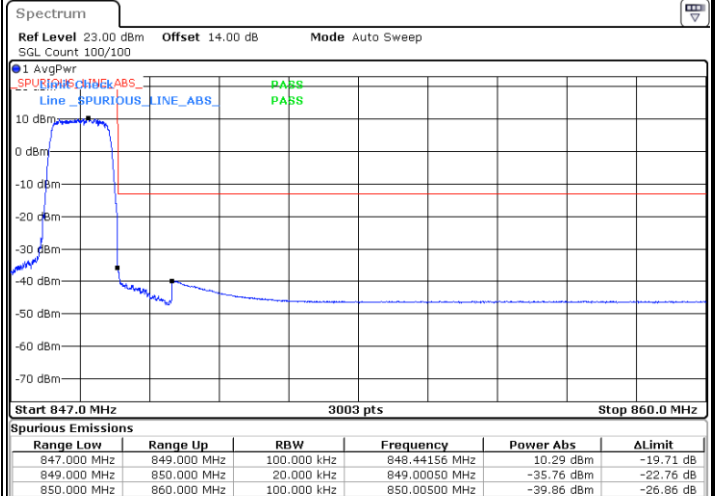
Date: 28.OCT.2023 02:14:44

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:06:38

Highest Band Edge / Full RB

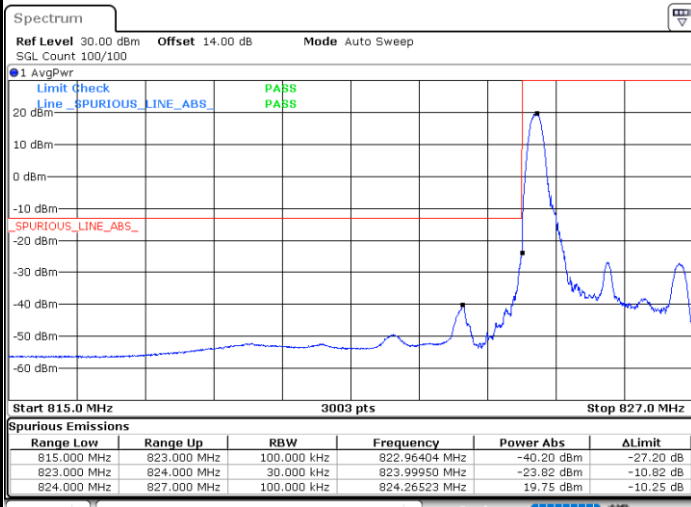


Date: 28.OCT.2023 02:15:39



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



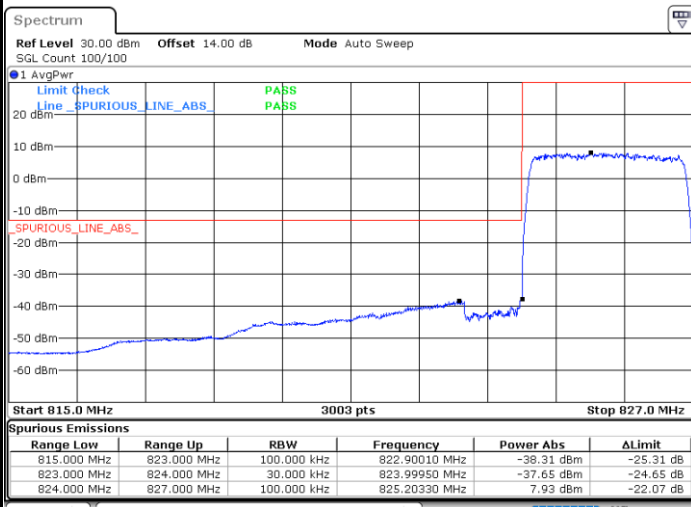
Date: 28.OCT.2023 02:20:13

Highest Band Edge / 1RB



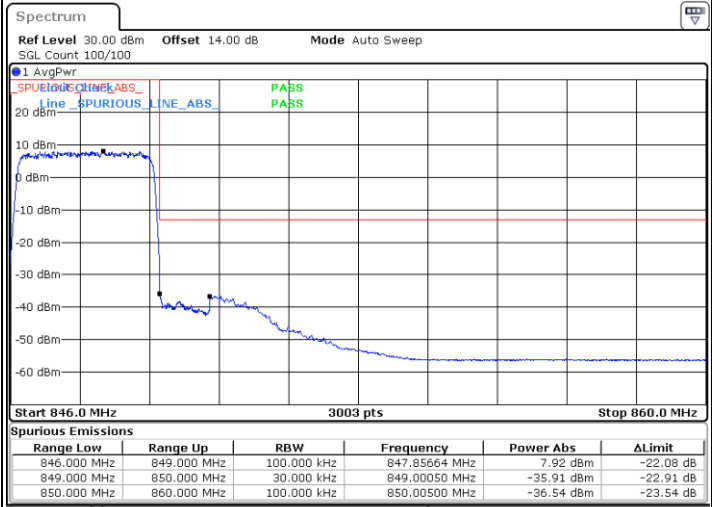
Date: 28.OCT.2023 02:29:14

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:24:49

Highest Band Edge / Full RB

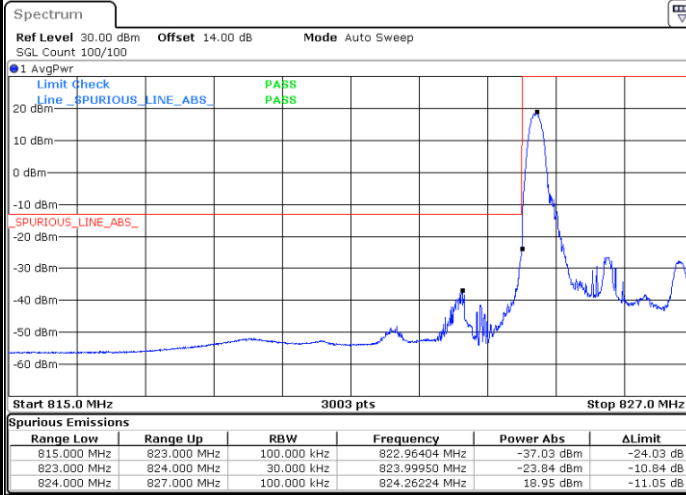


Date: 28.OCT.2023 02:33:50



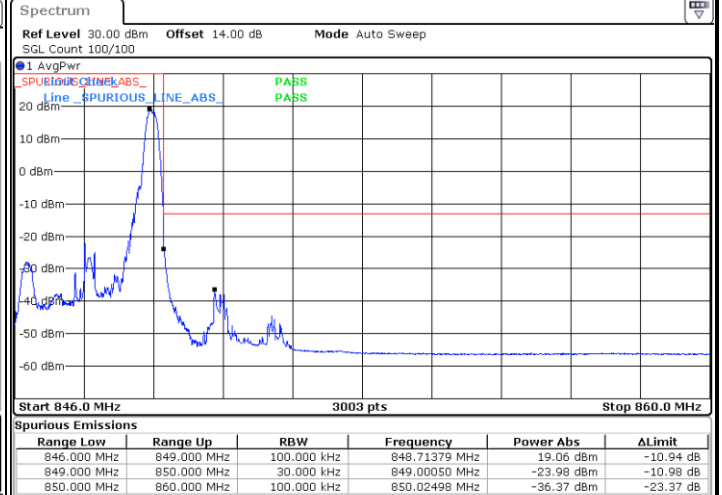
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



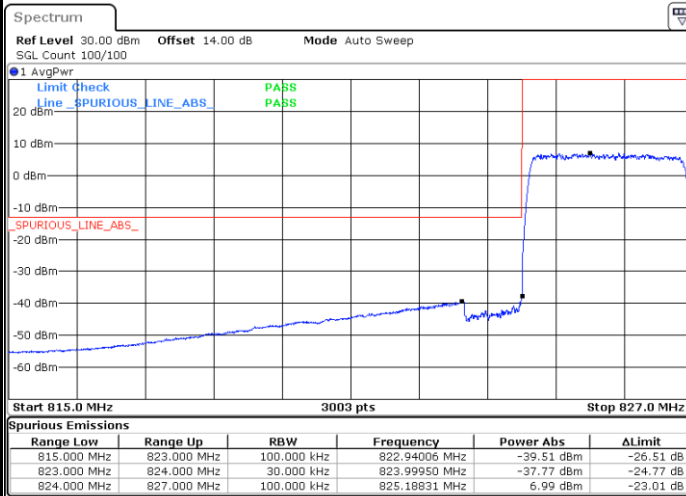
Date: 28.OCT.2023 02:21:08

Highest Band Edge / 1 RB



Date: 28.OCT.2023 02:30:09

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:23:54

Highest Band Edge / Full RB

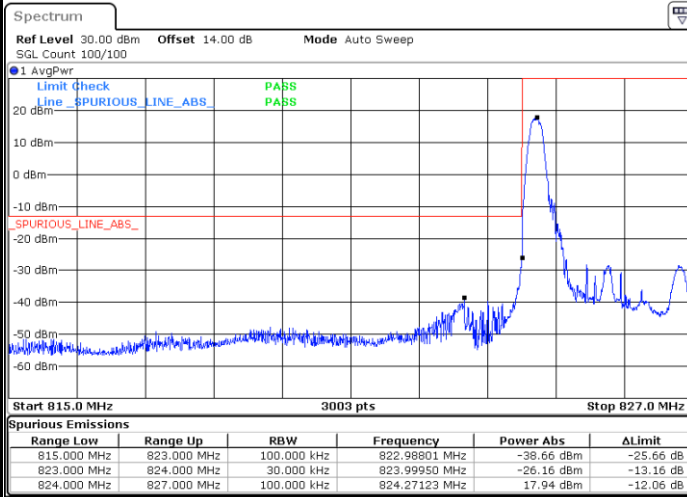


Date: 28.OCT.2023 02:32:55



LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



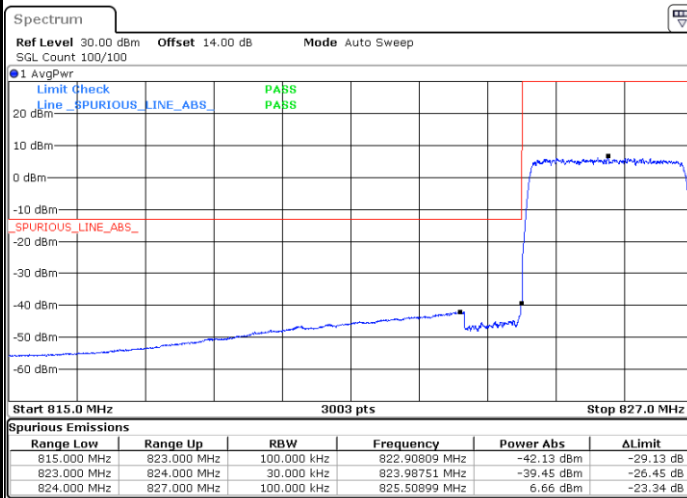
Date: 28.OCT.2023 02:22:03

Highest Band Edge / 1 RB



Date: 28.OCT.2023 02:31:04

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:22:59

Highest Band Edge / Full RB

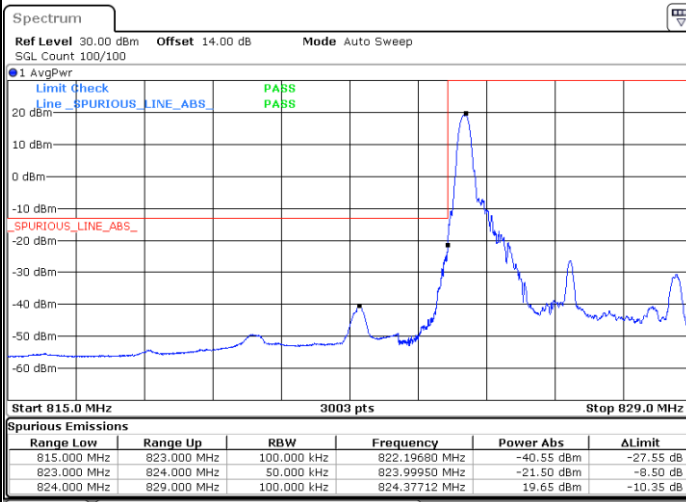


Date: 28.OCT.2023 02:32:00



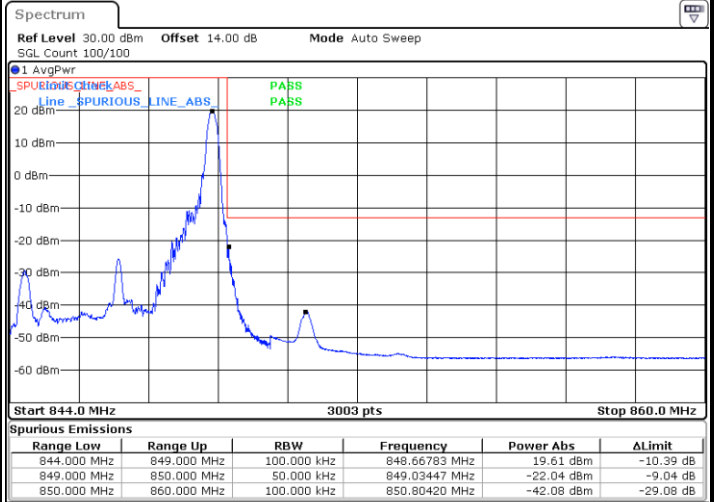
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1RB



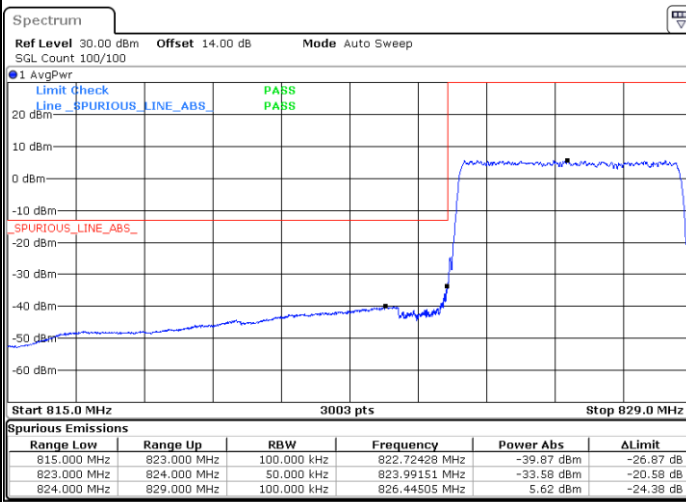
Date: 28.OCT.2023 02:36:33

Highest Band Edge / 1RB



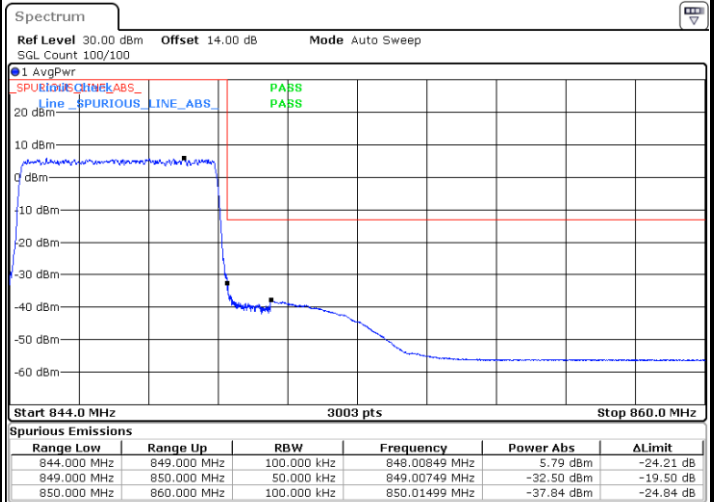
Date: 28.OCT.2023 02:45:35

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:41:10

Highest Band Edge / Full RB

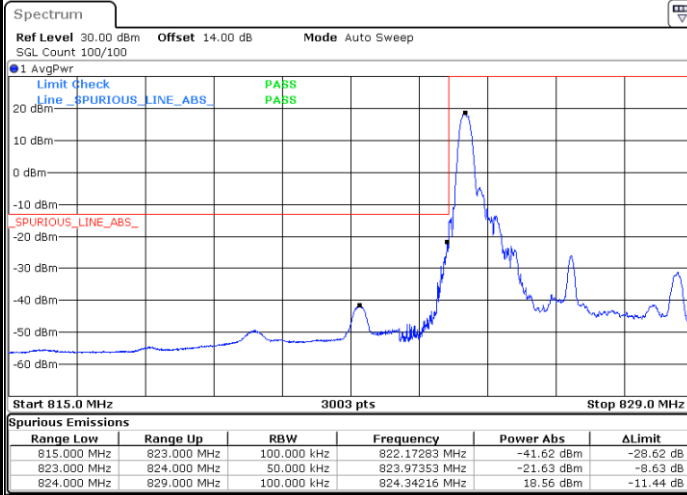


Date: 28.OCT.2023 02:50:11



LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



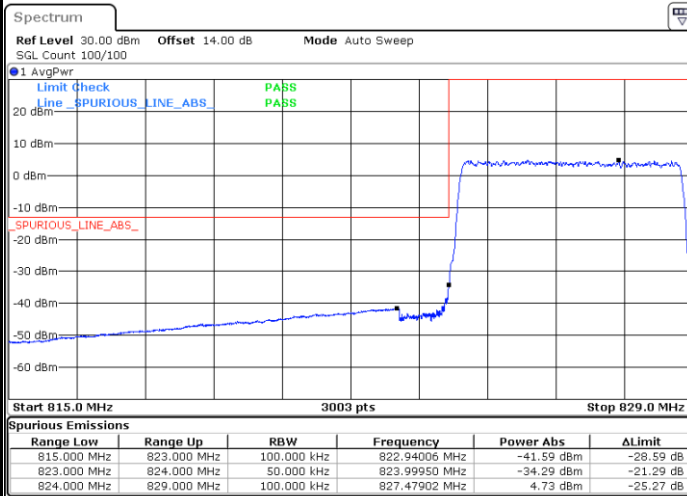
Date: 28.OCT.2023 02:37:29

Highest Band Edge / 1 RB



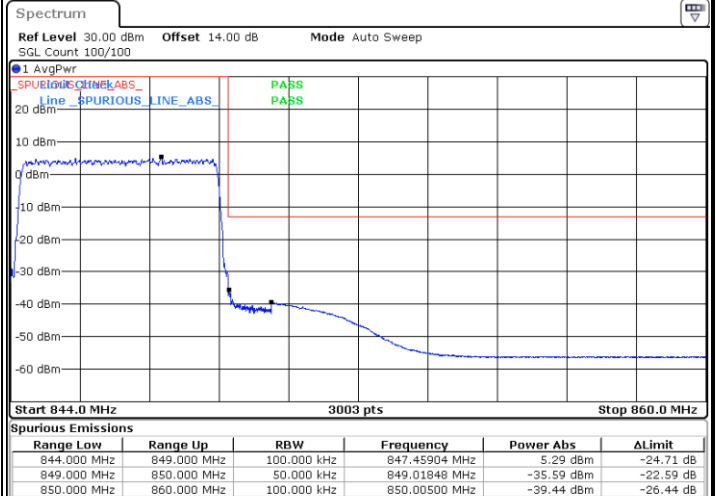
Date: 28.OCT.2023 02:46:30

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:40:15

Highest Band Edge / Full RB

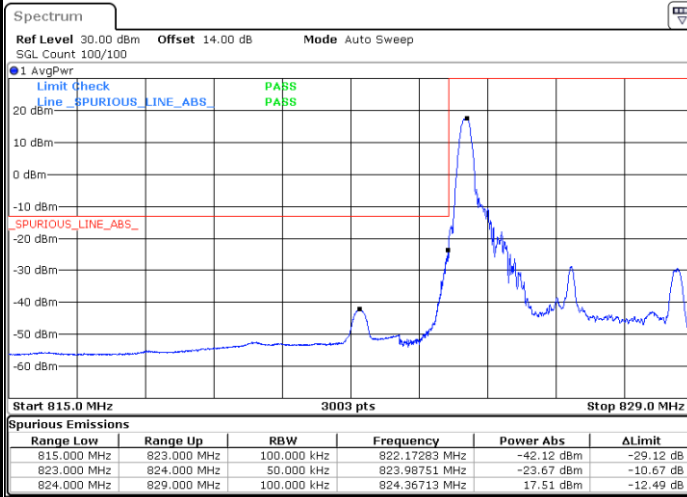


Date: 28.OCT.2023 02:49:16



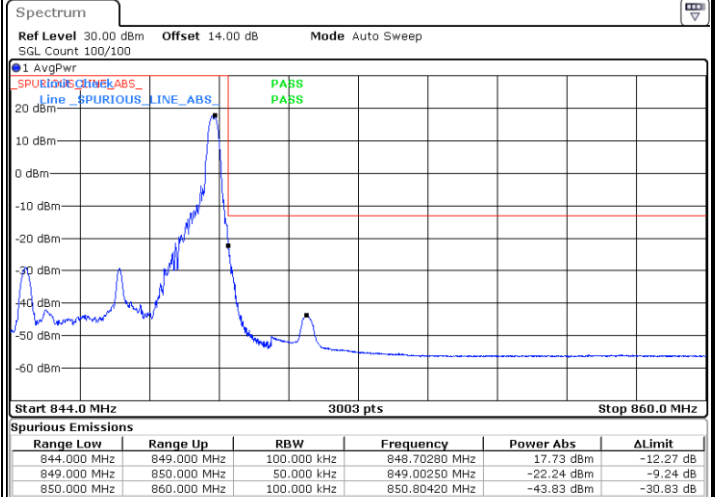
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



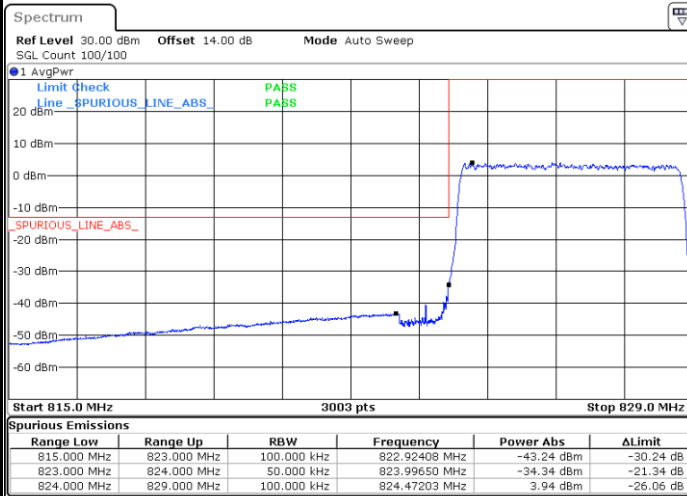
Date: 28.OCT.2023 02:38:24

Highest Band Edge / 1 RB



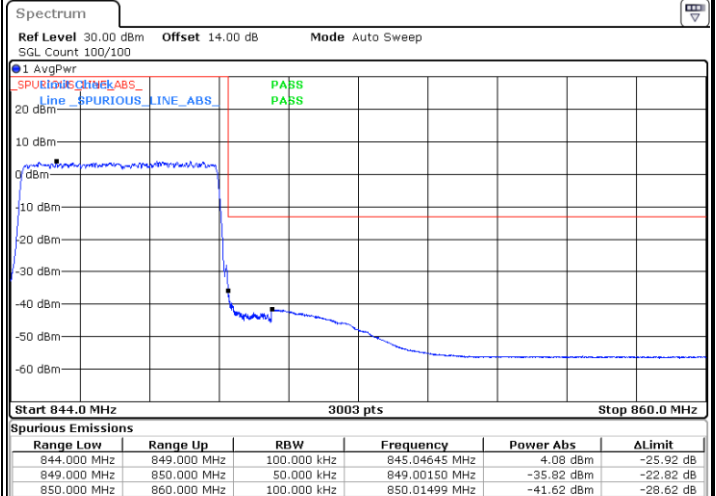
Date: 28.OCT.2023 02:47:25

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:39:19

Highest Band Edge / Full RB



Date: 28.OCT.2023 02:48:20