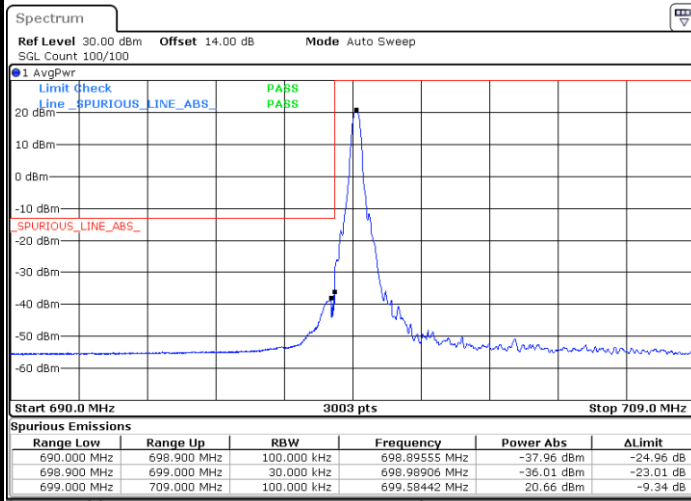




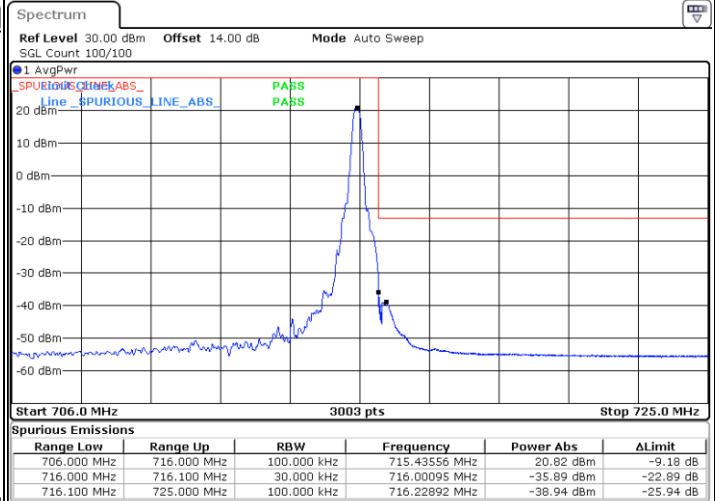
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1RB



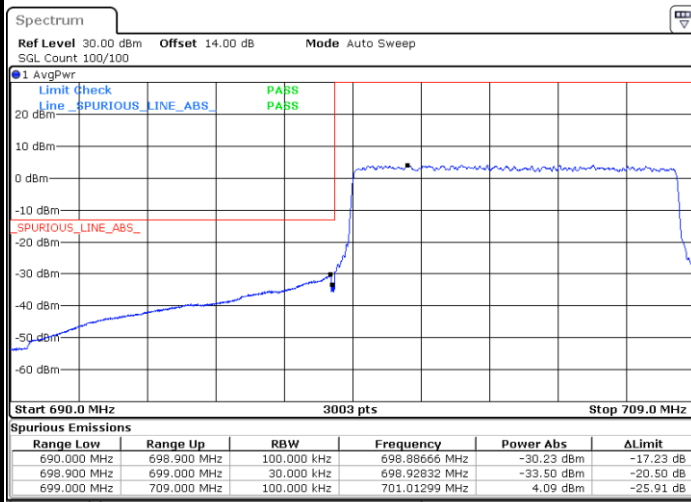
Date: 17 AUG 2024 22:19:28

Highest Band Edge / 1RB



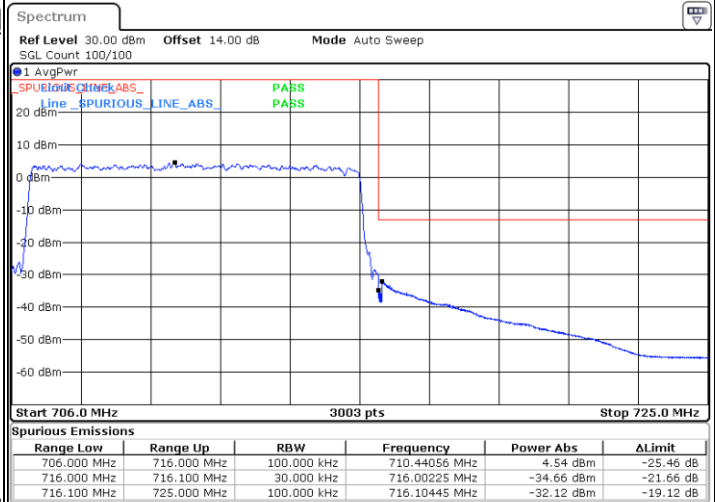
Date: 17 AUG 2024 22:30:54

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:23:16

Highest Band Edge / Full RB

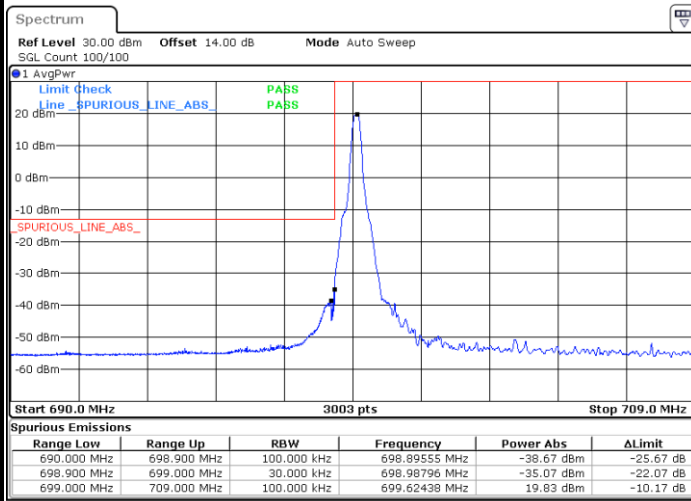


Date: 17 AUG 2024 22:34:42



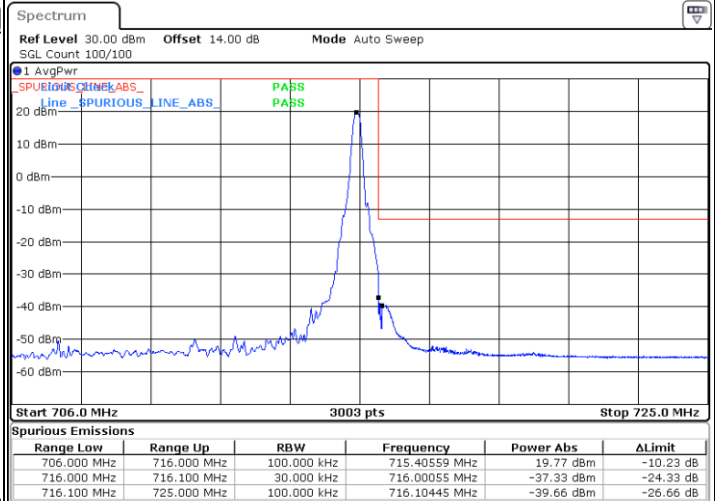
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



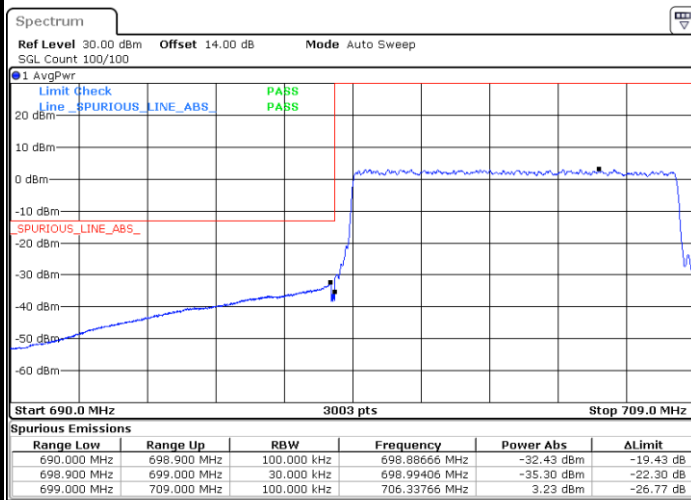
Date: 17 AUG 2024 22:20:44

Highest Band Edge / 1 RB



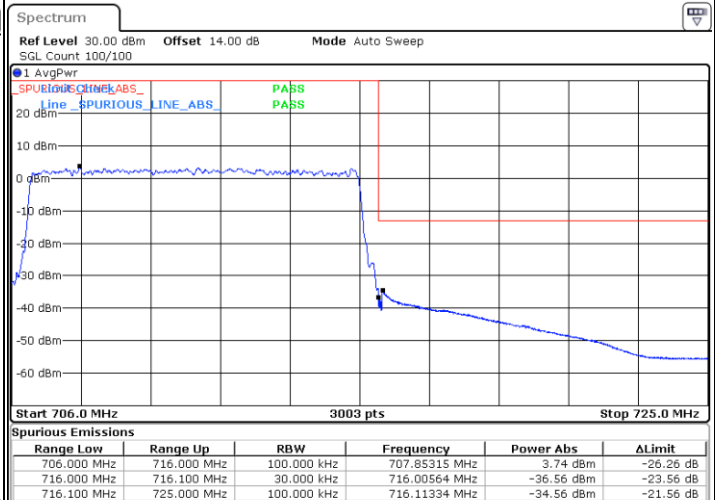
Date: 17 AUG 2024 22:32:10

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:24:32

Highest Band Edge / Full RB

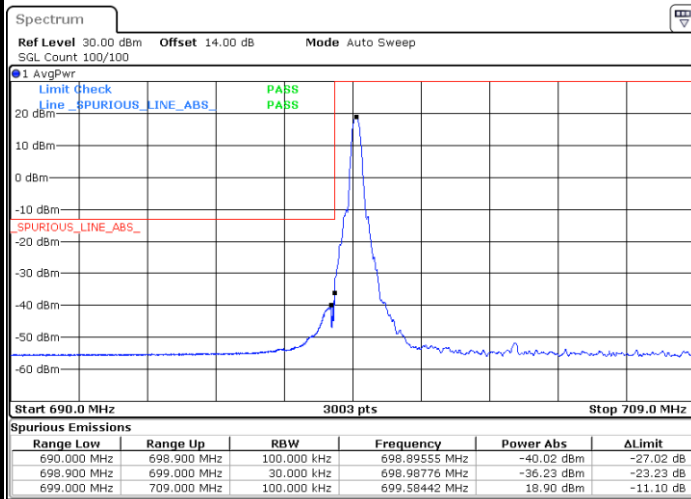


Date: 17 AUG 2024 22:35:58



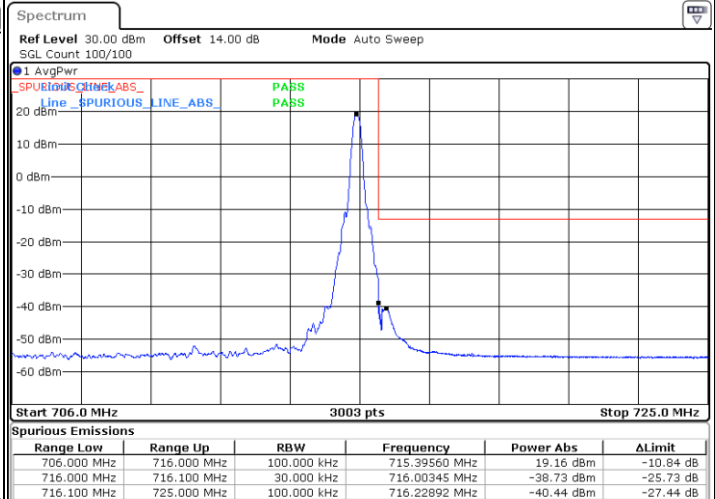
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



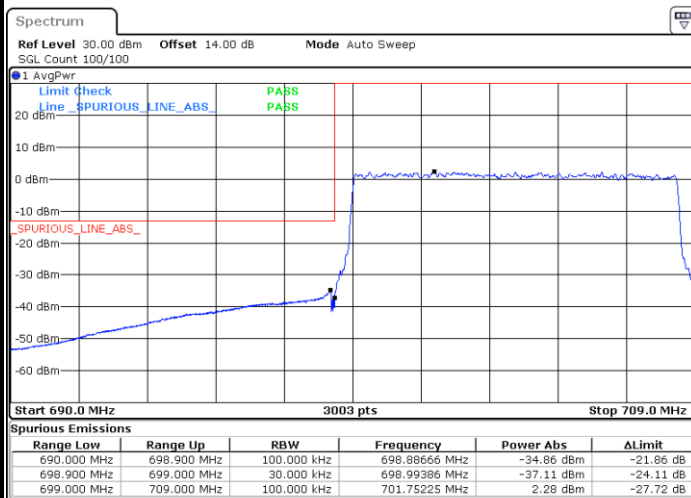
Date: 17 AUG 2024 22:22:00

Highest Band Edge / 1 RB



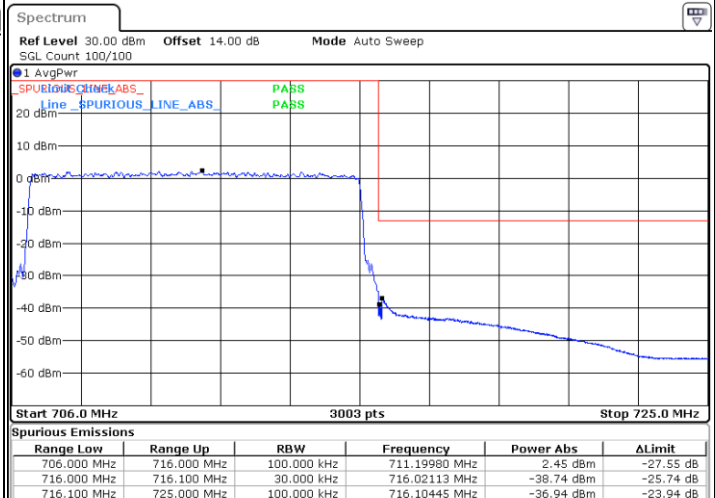
Date: 17 AUG 2024 22:33:26

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:25:49

Highest Band Edge / Full RB



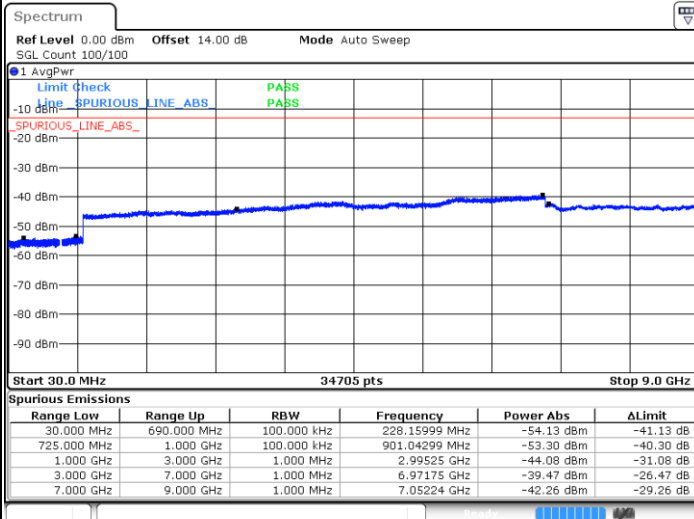
Date: 17 AUG 2024 22:37:15



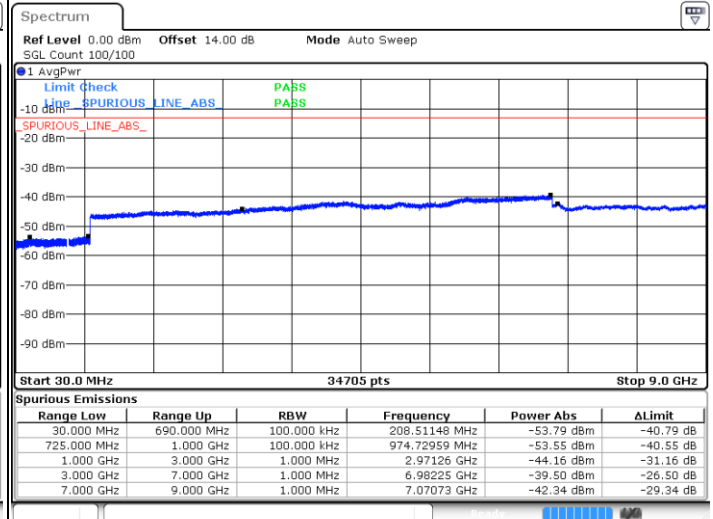
Conducted Spurious Emission

LTE Band 12 / 1.4MHz

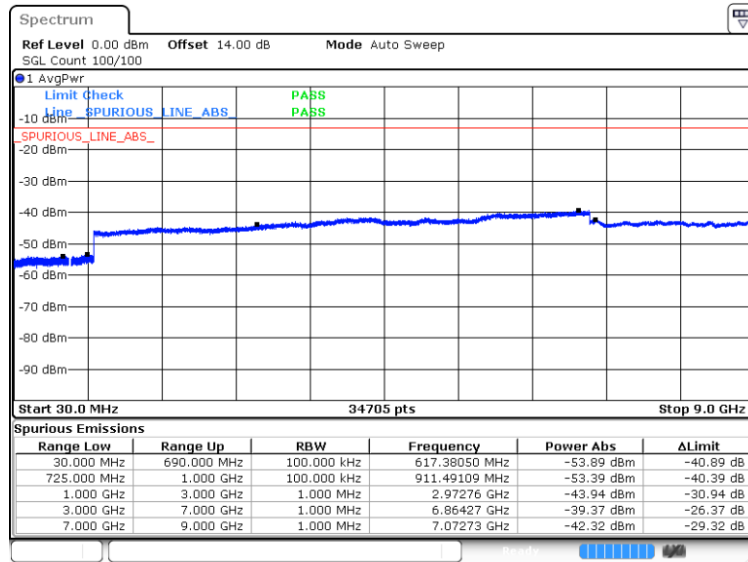
Lowest Channel / QPSK



Middle Channel / QPSK



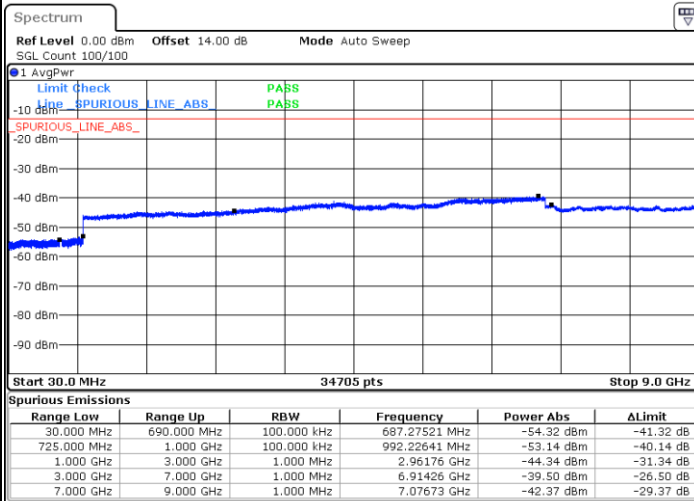
Highest Channel / QPSK





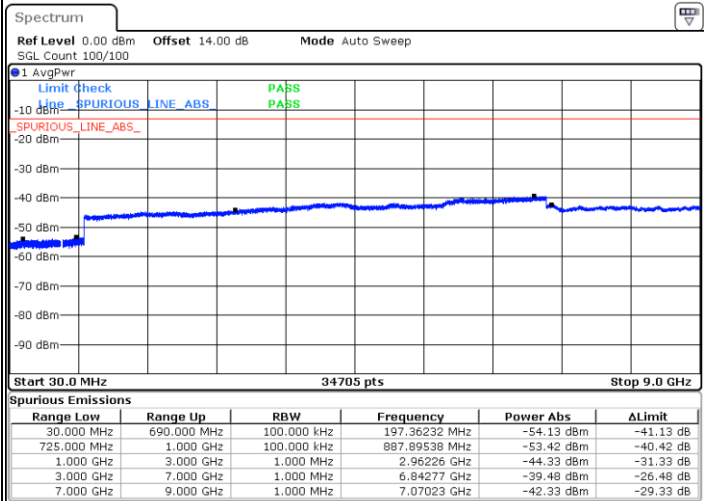
LTE Band 12 / 3MHz

Lowest Channel / QPSK



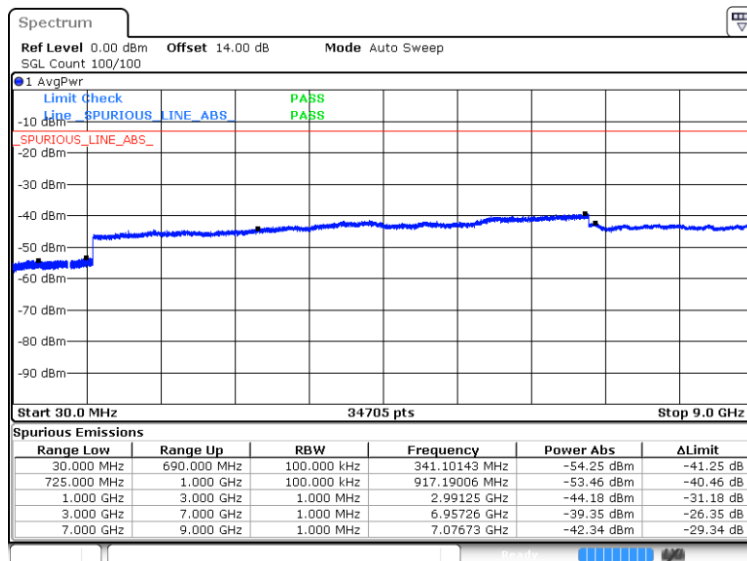
Date: 17.AUG.2024 21:44:15

Middle Channel / QPSK



Date: 17.AUG.2024 21:45:32

Highest Channel / QPSK

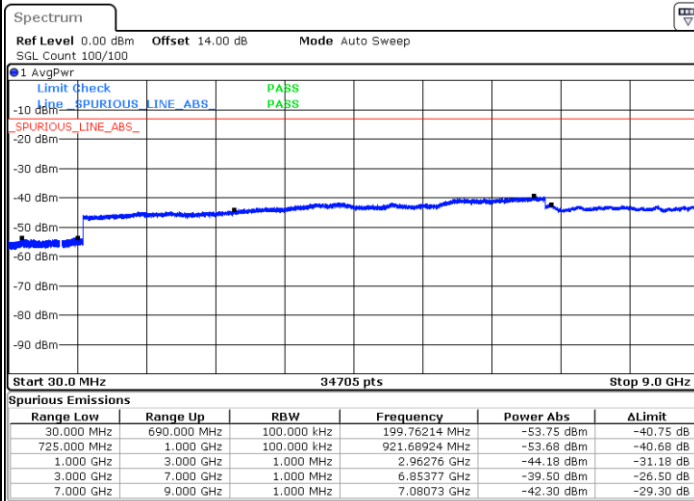


Date: 17.AUG.2024 21:56:27



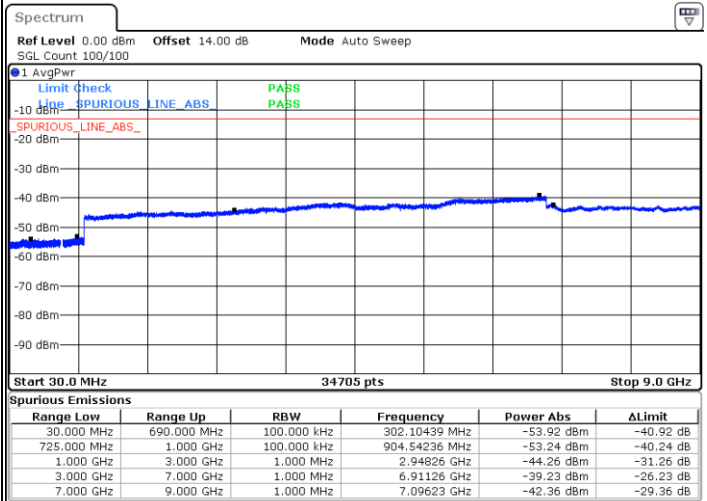
LTE Band 12 / 5MHz

Lowest Channel / QPSK



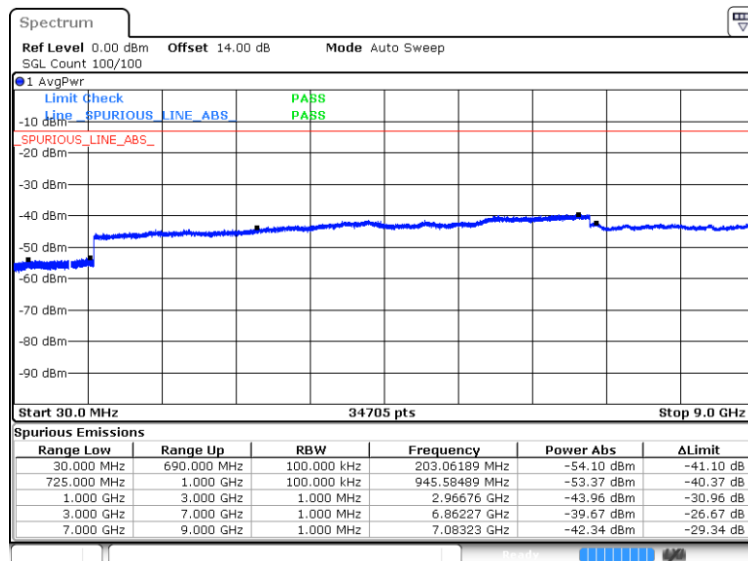
Date: 17.AUG.2024 22:06:02

Middle Channel / QPSK



Date: 17.AUG.2024 22:07:18

Highest Channel / QPSK

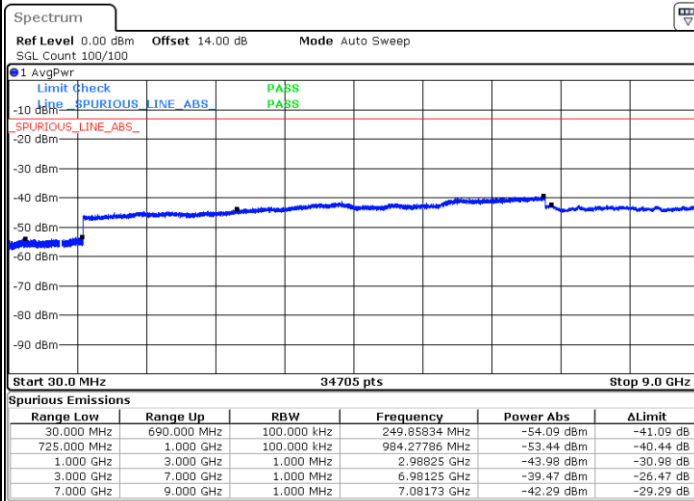


Date: 17.AUG.2024 22:17:29



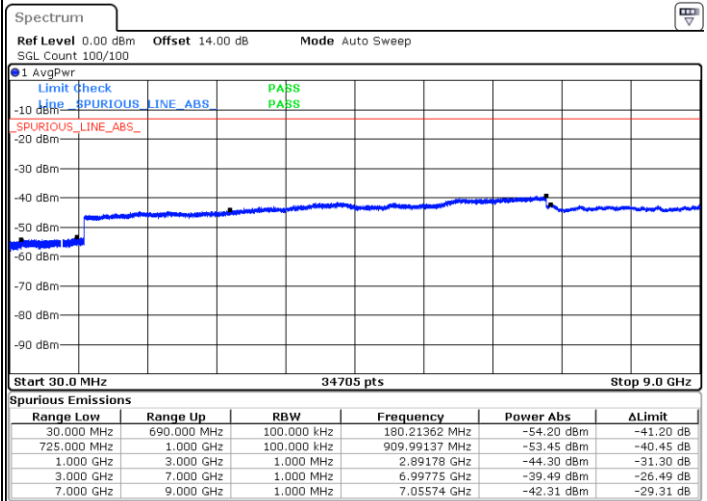
LTE Band 12 / 10MHz

Lowest Channel / QPSK



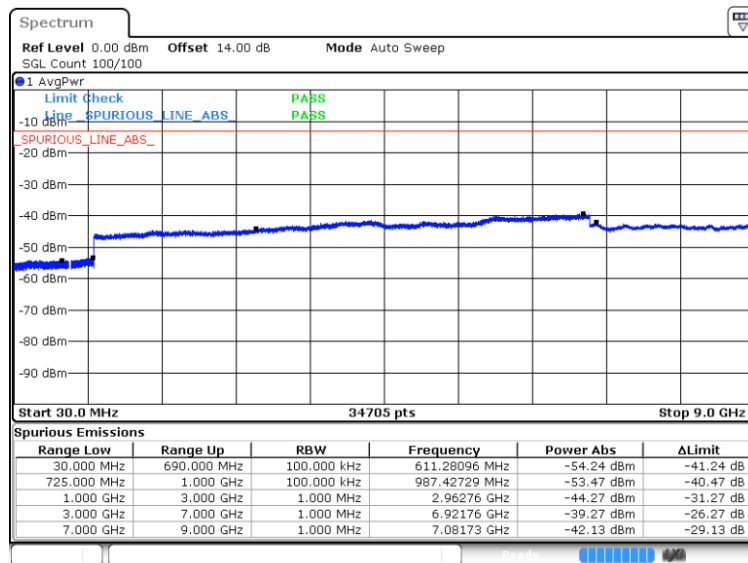
Date: 17.AUG.2024 22:27:04

Middle Channel / QPSK



Date: 17.AUG.2024 22:28:19

Highest Channel / QPSK



Date: 17.AUG.2024 22:38:30

**Frequency Stability**

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0202	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0202	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0158	
-30	Normal Voltage	0.0139	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0103	

Note:

1. Normal Voltage = 3.8 V.; Battery End Point = 3.5 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

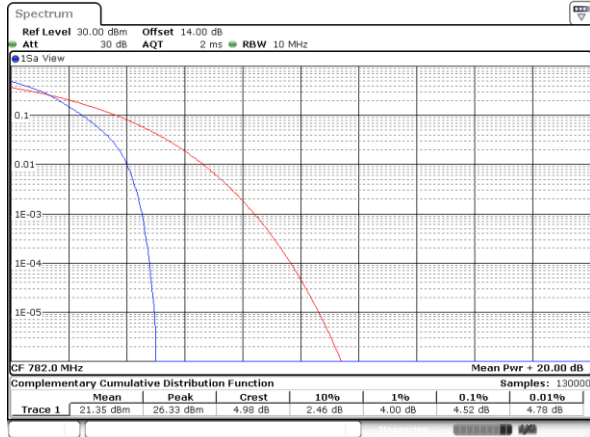
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.59	6.06	PASS



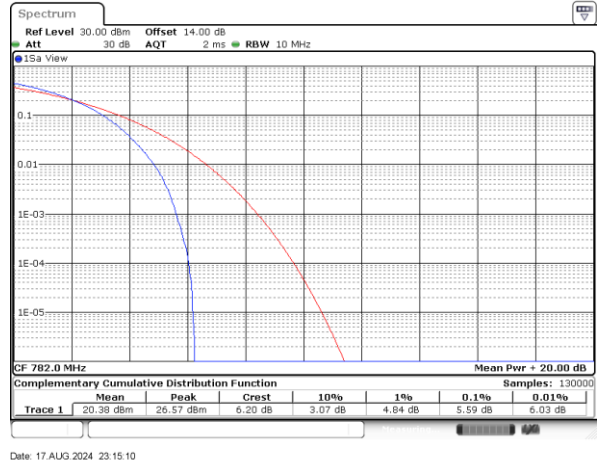
LTE Band 13 / 10MHz / QPSK

Middle Channel / Full RB



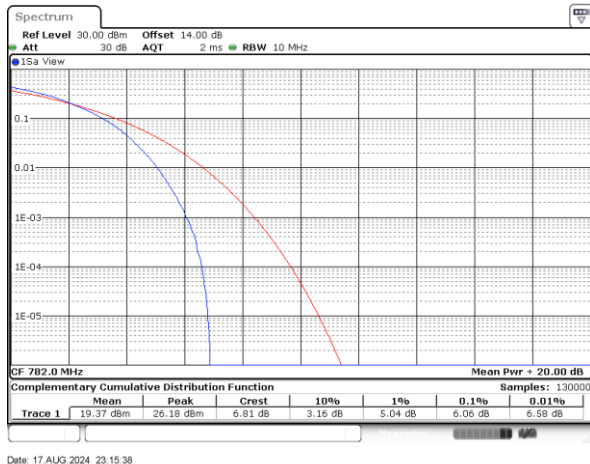
LTE Band 13 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 13 / 10MHz / 64QAM

Middle Channel / Full RB





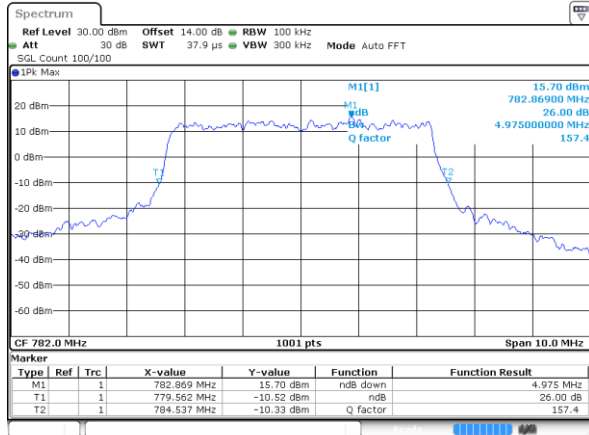
26dB Bandwidth

Mode	LTE Band 13 : 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	-	-	-	-	4.98	5.05	9.79	9.81	-	-	-	-



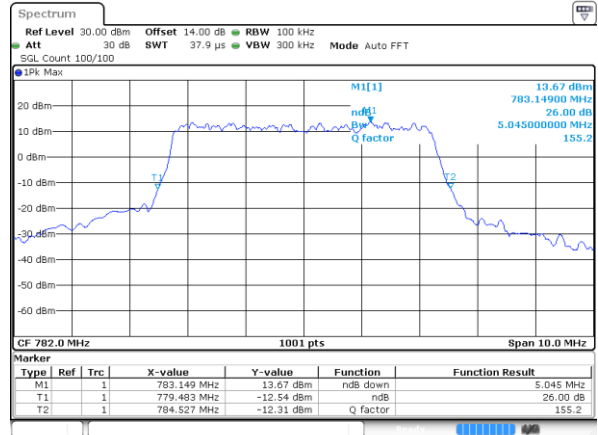
LTE Band 13

Middle Channel / 5MHz / QPSK



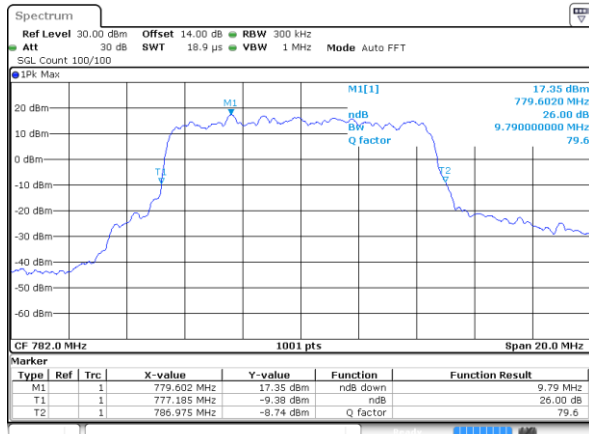
Date: 17 AUG 2024 22:50:04

Middle Channel / 5MHz / 16QAM



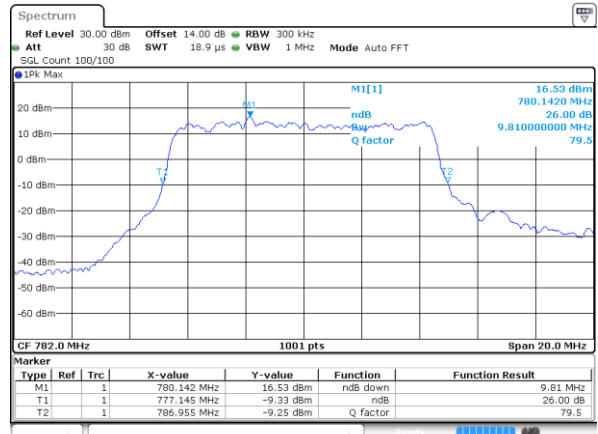
Date: 17 AUG 2024 22:50:43

Middle Channel / 10MHz / QPSK



Date: 17 AUG 2024 23:13:37

Middle Channel / 10MHz / 16QAM



Date: 17 AUG 2024 23:14:16



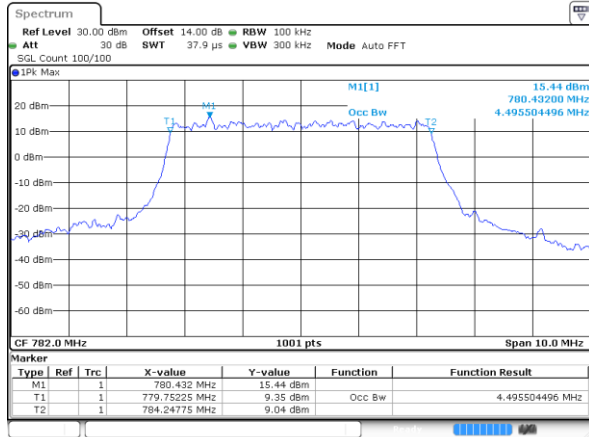
Occupied Bandwidth

Mode	LTE Band 13 : 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	-	-	-	-	4.50	4.52	9.03	8.99	-	-	-	-

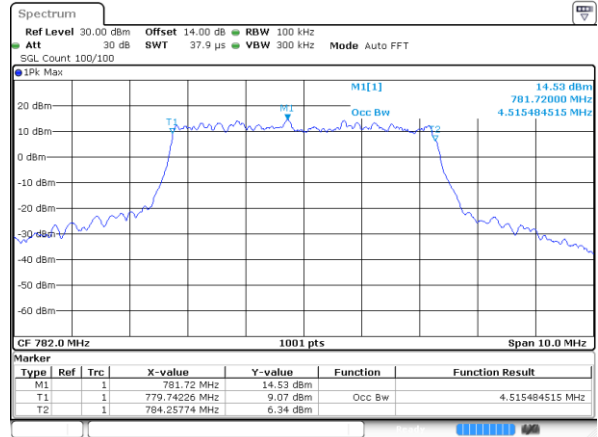


LTE Band 13

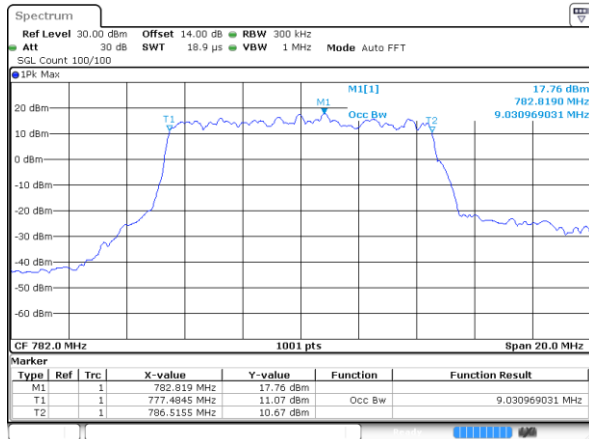
Middle Channel / 5MHz / QPSK



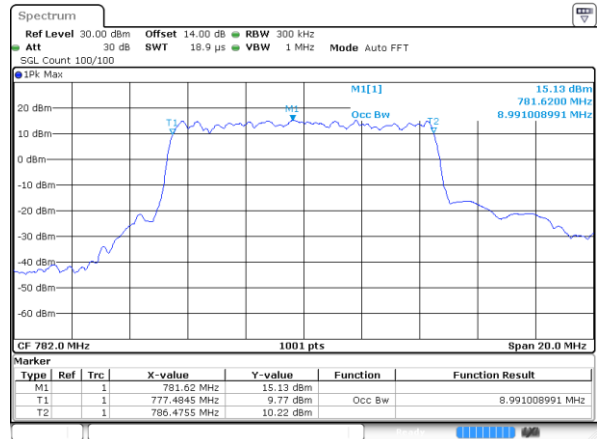
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

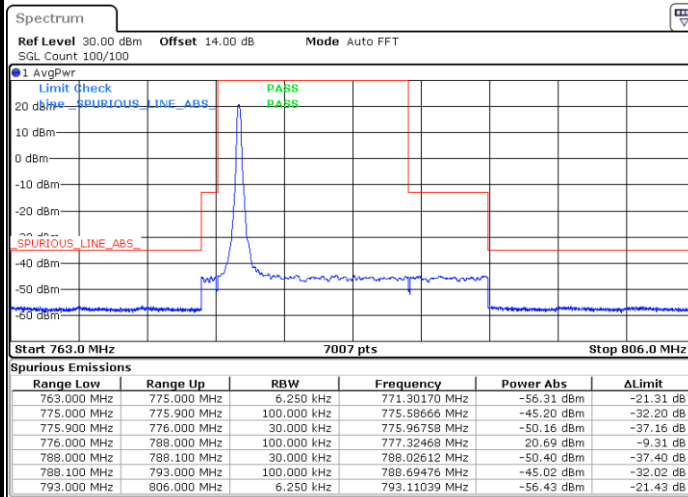




Conducted Band Edge

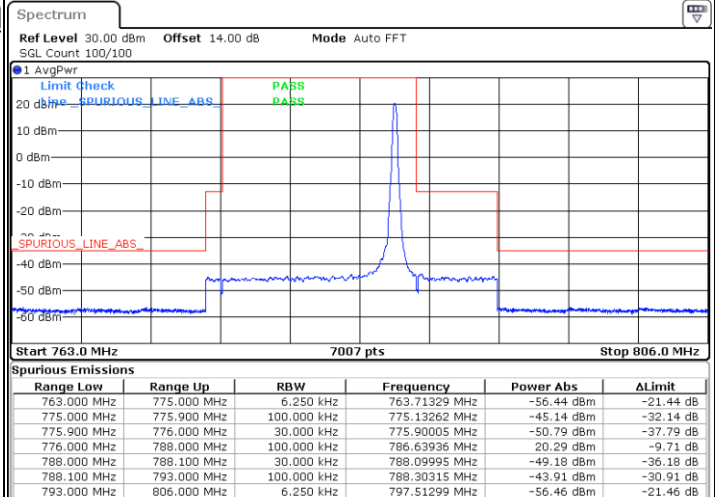
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



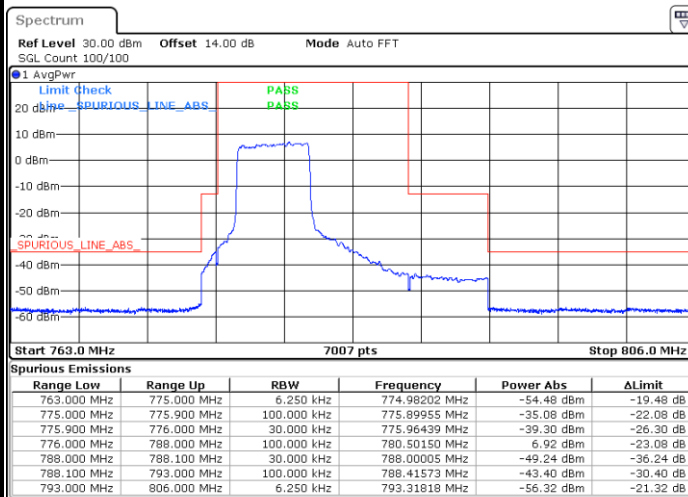
Date: 17 AUG 2024 22:40:30

Highest Band Edge / 1 RB



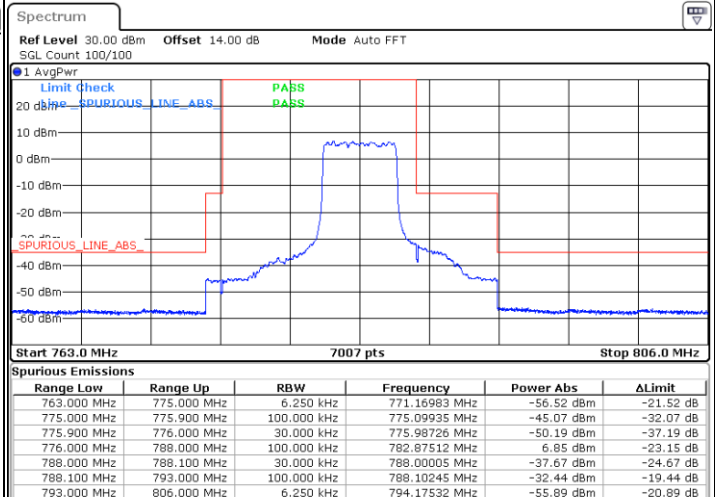
Date: 17 AUG 2024 22:51:58

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:44:20

Highest Band Edge / Full RB

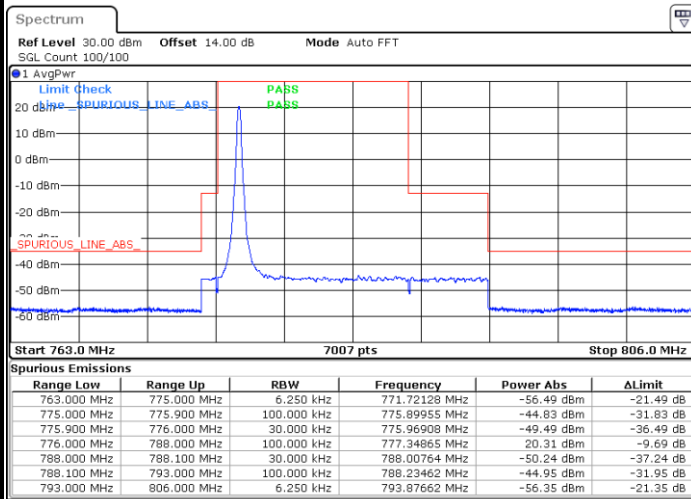


Date: 17 AUG 2024 22:55:46



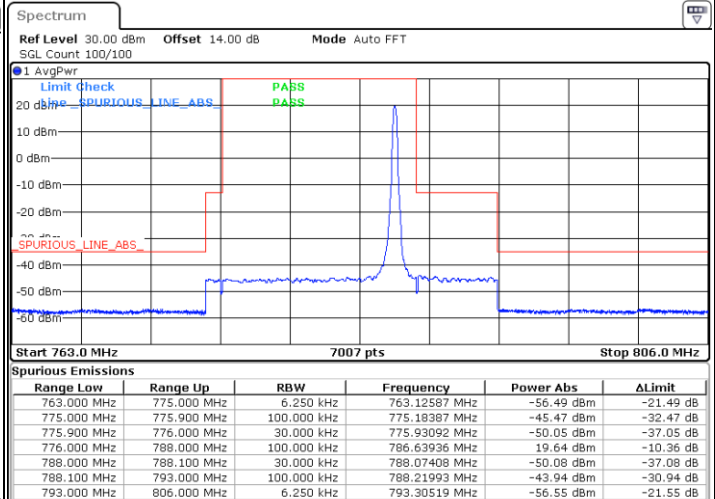
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



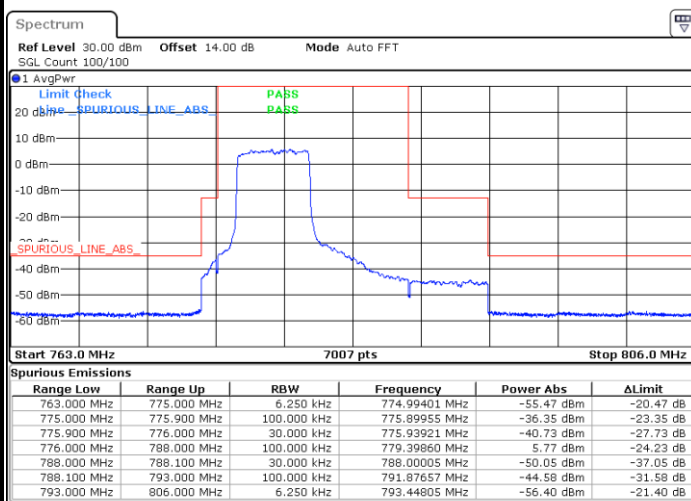
Date: 17 AUG 2024 22:41:47

Highest Band Edge / 1 RB



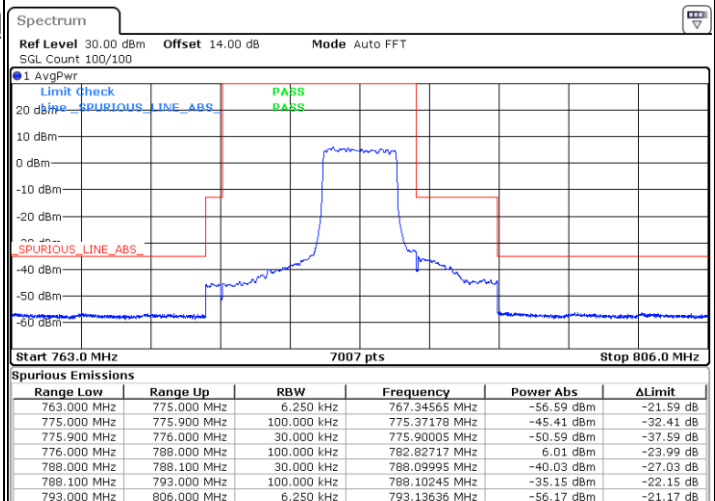
Date: 17 AUG 2024 22:53:14

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:45:36

Highest Band Edge / Full RB

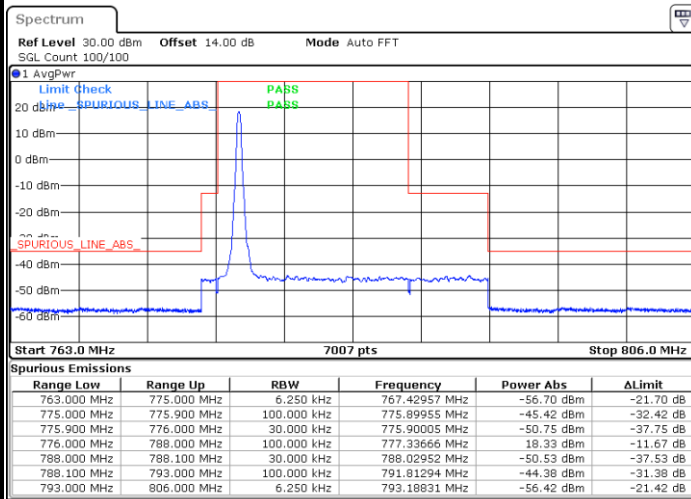


Date: 17 AUG 2024 22:57:03



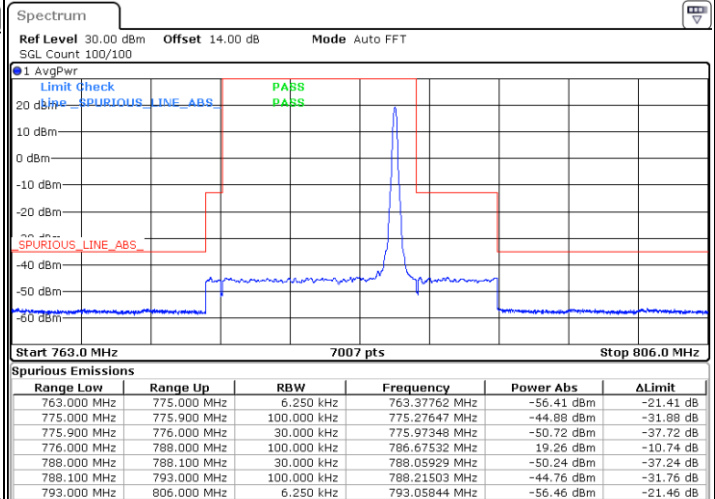
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



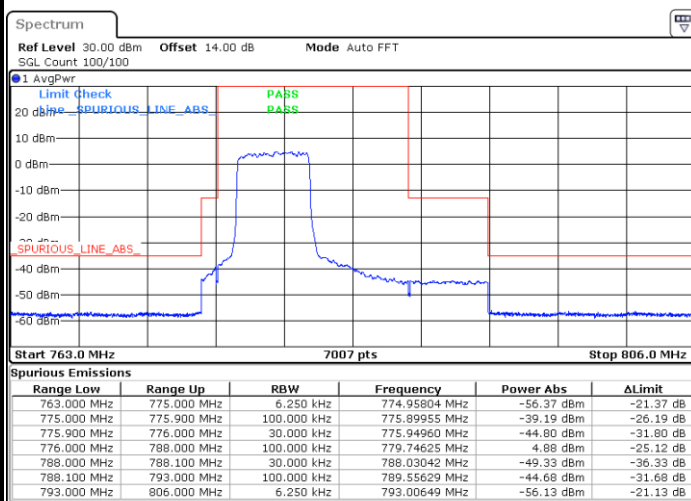
Date: 17 AUG 2024 22:43:03

Highest Band Edge / 1 RB



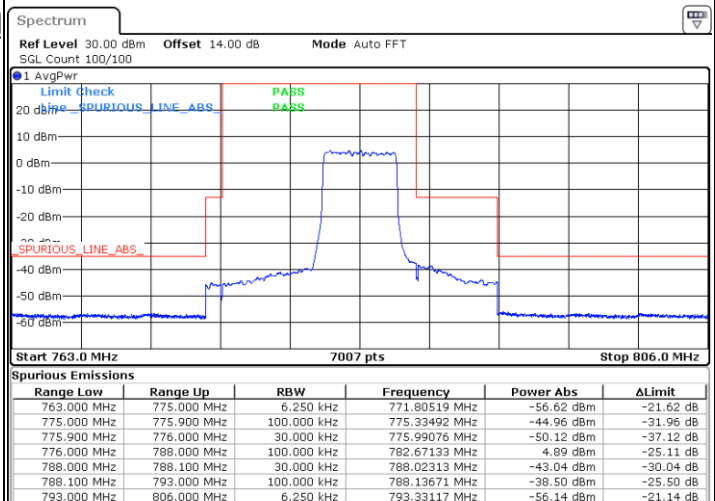
Date: 17 AUG 2024 22:54:30

Lowest Band Edge / Full RB



Date: 17 AUG 2024 22:46:52

Highest Band Edge / Full RB

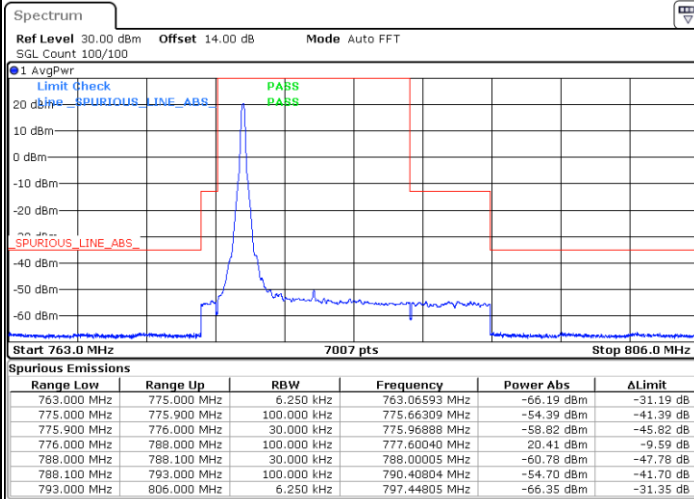


Date: 17 AUG 2024 22:58:19



LTE Band 13 / 10MHz / QPSK

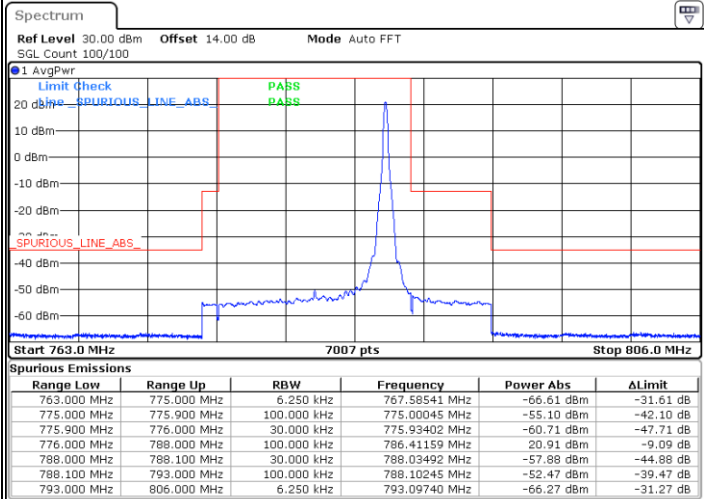
Band Edge / 1 RB



Date: 17.AUG.2024 23:01:34

LTE Band 13 / 10MHz / QPSK

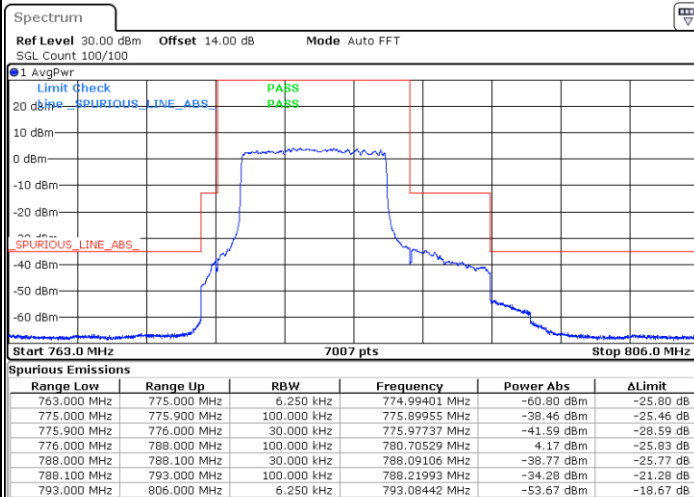
Band Edge / 1 RB



Date: 17.AUG.2024 23:05:22

LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB

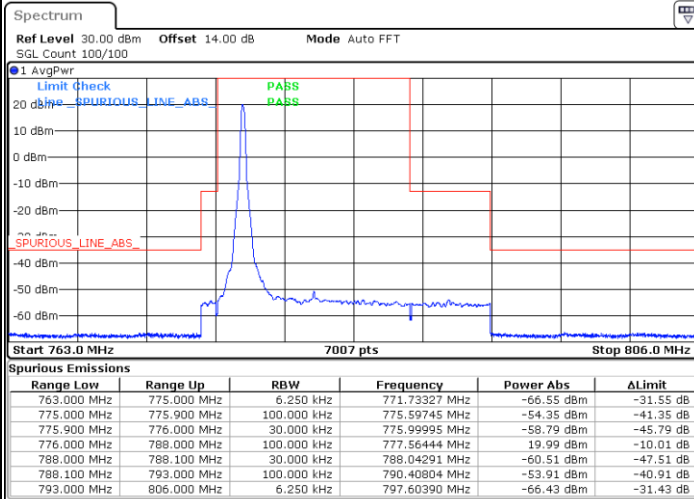


Date: 17.AUG.2024 23:09:10



LTE Band 13 / 10MHz / 16QAM

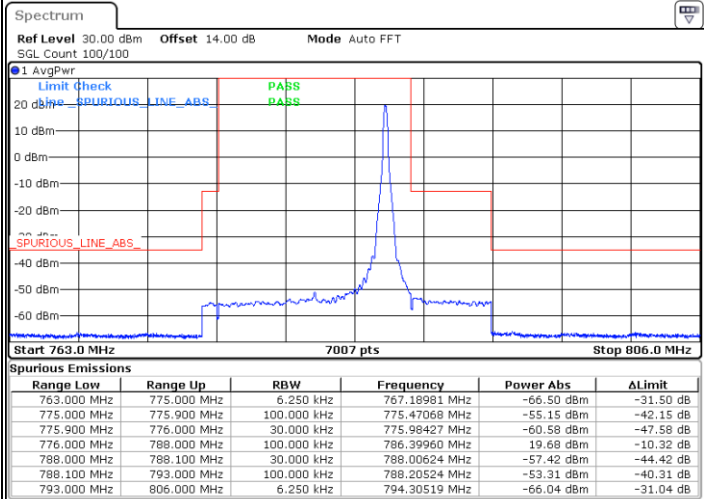
Band Edge / 1 RB



Date: 17.AUG.2024 23:02:50

LTE Band 13 / 10MHz / 16QAM

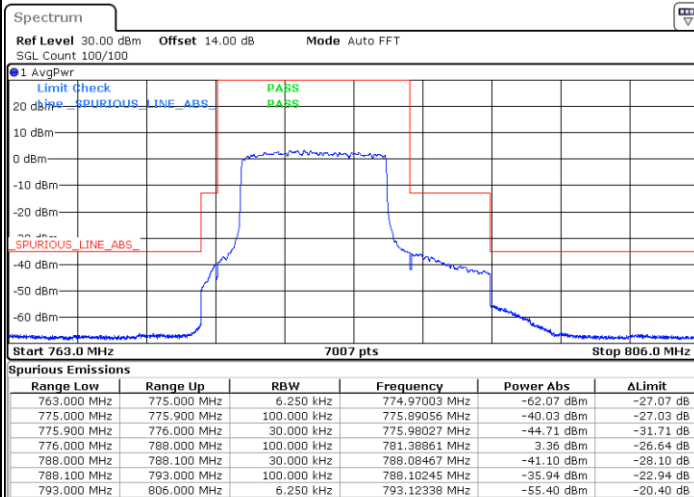
Band Edge / 1 RB



Date: 17.AUG.2024 23:06:39

LTE Band 13 / 10MHz / 16QAM

Band Edge / Full RB

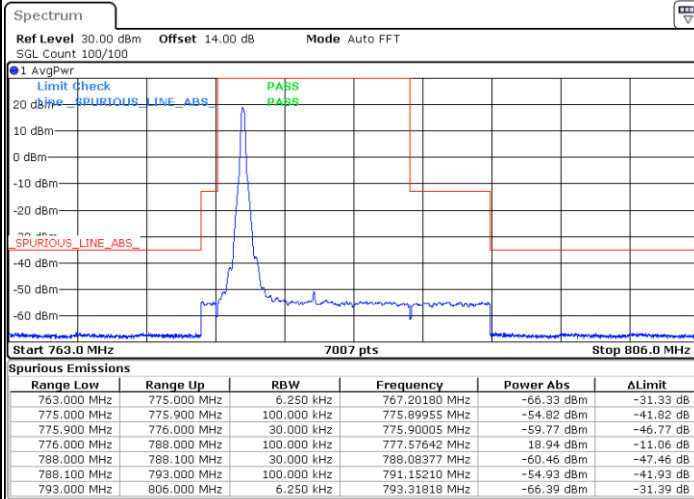


Date: 17.AUG.2024 23:10:26



LTE Band 13 / 10MHz / 64QAM

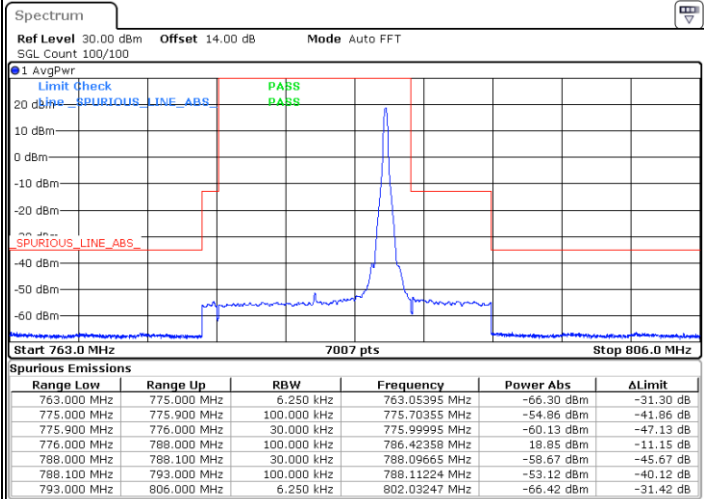
Band Edge / 1 RB



Date: 17.AUG.2024 23:04:06

LTE Band 13 / 10MHz / 64QAM

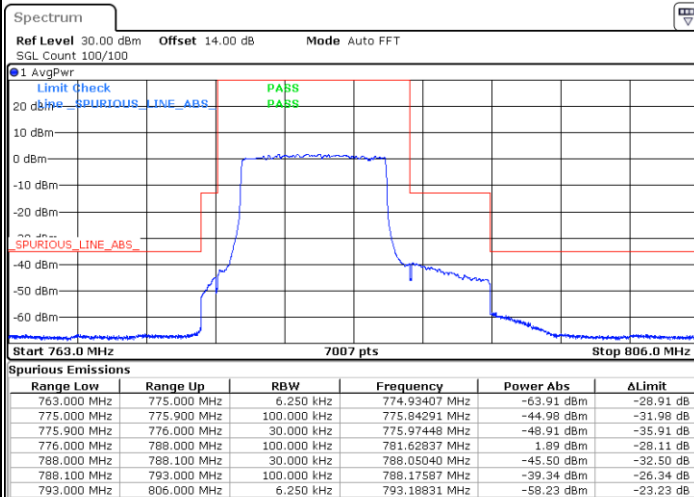
Band Edge / 1 RB



Date: 17.AUG.2024 23:07:54

LTE Band 13 / 10MHz / 64QAM

Band Edge / Full RB



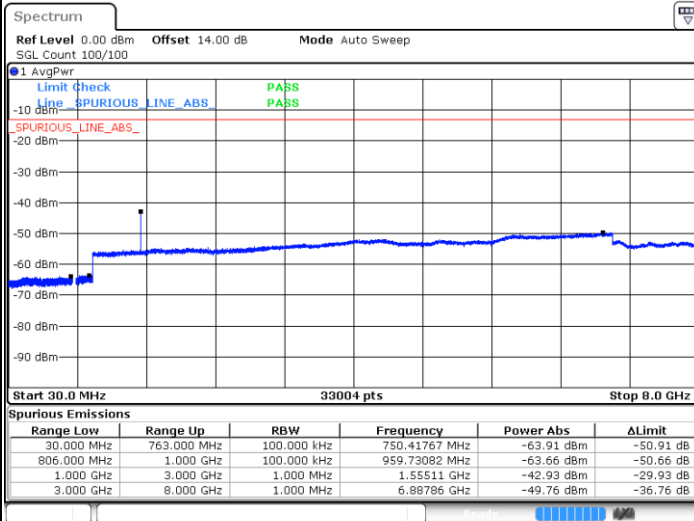
Date: 17.AUG.2024 23:11:41



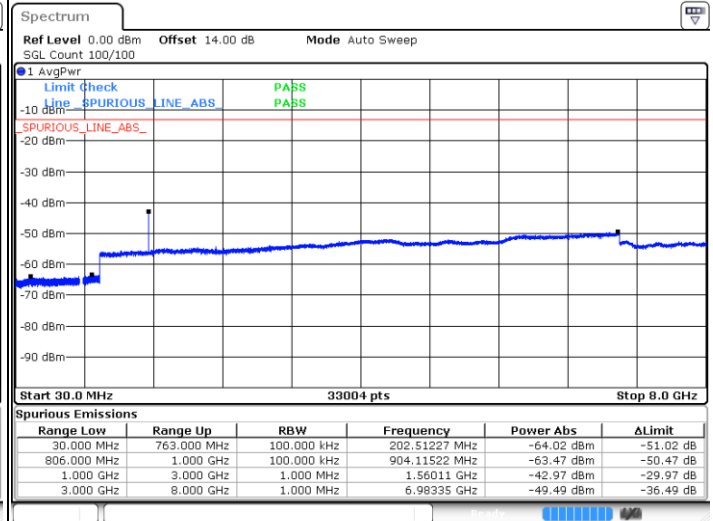
Conducted Spurious Emission

LTE Band 13 / 5MHz

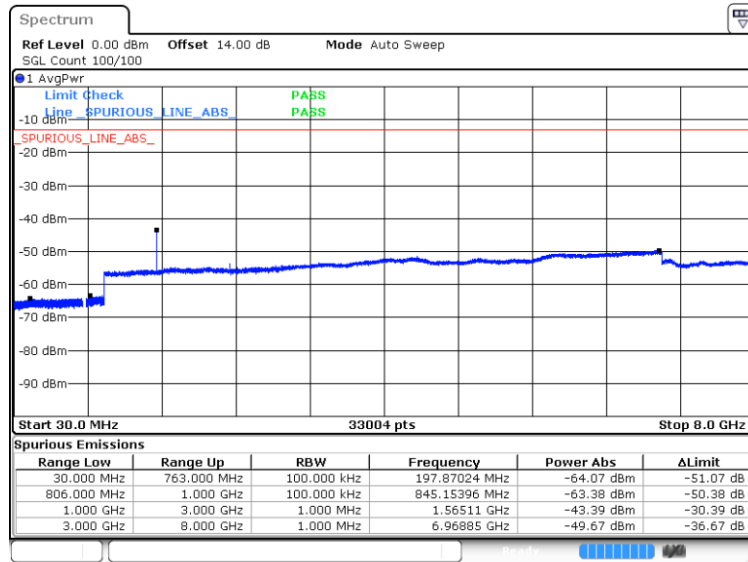
Lowest Channel / QPSK



Middle Channel / QPSK



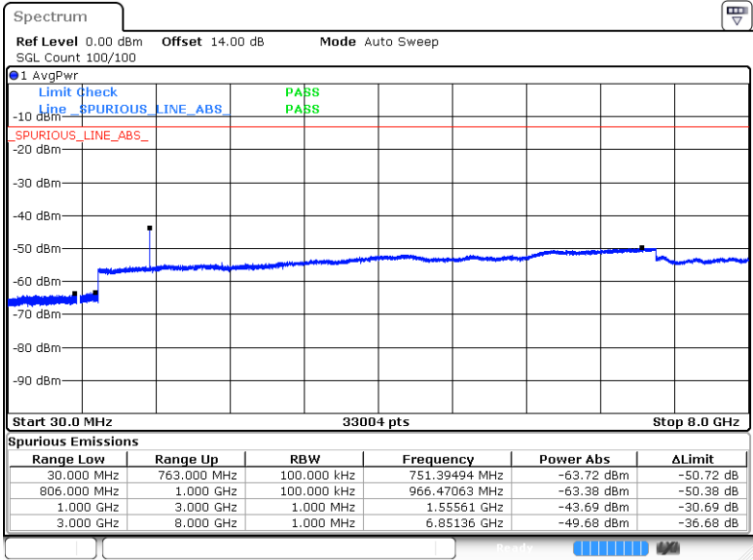
Highest Channel / QPSK





LTE Band 13 / 10MHz

Middle Channel / QPSK



**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	0.0042	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0098	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0116	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0105	
-30	Normal Voltage	0.0129	
20	Maximum Voltage	0.0169	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0100	

Note:

1. Normal Voltage =3.8 V.; Battery End Point =3.5 V.; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

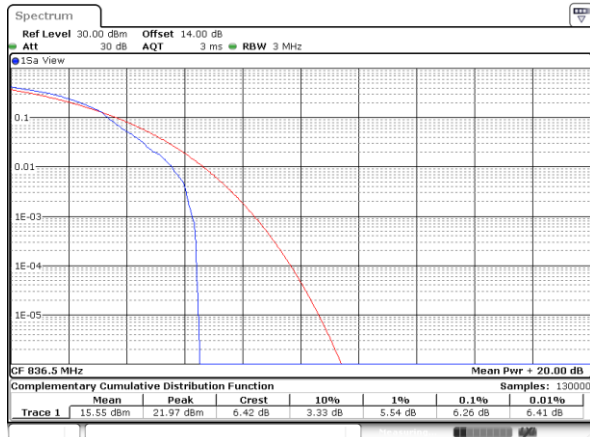
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.26	7.01	7.22	PASS



LTE Band 26 / 15MHz / QPSK

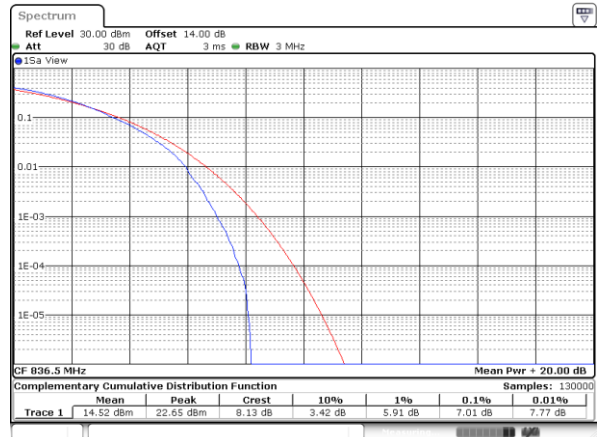
Middle Channel / Full RB



Date: 17 AUG 2024 17:55:51

LTE Band 26 / 15MHz / 16QAM

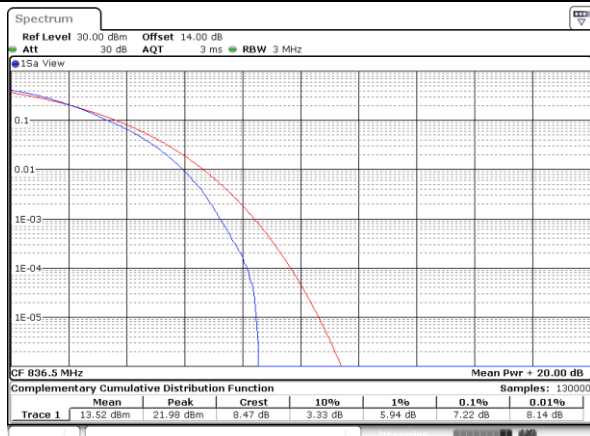
Middle Channel / Full RB



Date: 17 AUG 2024 17:56:20

LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB



Date: 17 AUG 2024 17:56:51



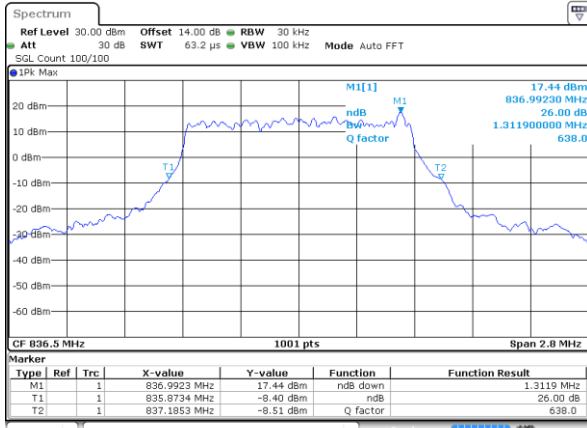
26dB Bandwidth

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	1.31	1.34	3.16	3.04	5.03	4.99	9.93	9.91	14.57	14.51	-	-



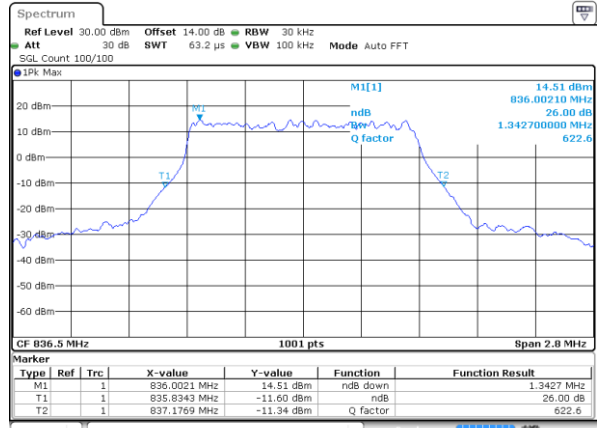
LTE Band 26

Middle Channel / 1.4MHz / QPSK



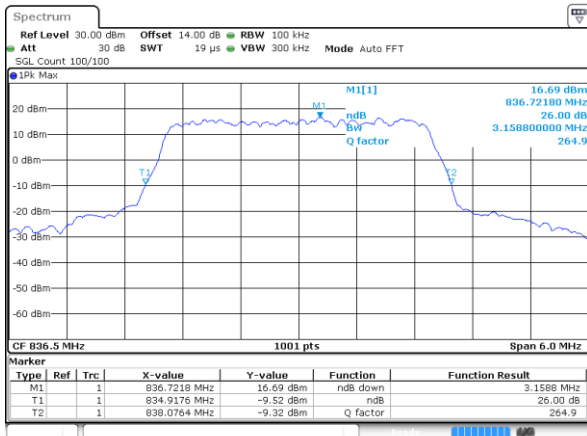
Date: 17 AUG 2024 16:28:39

Middle Channel / 1.4MHz / 16QAM



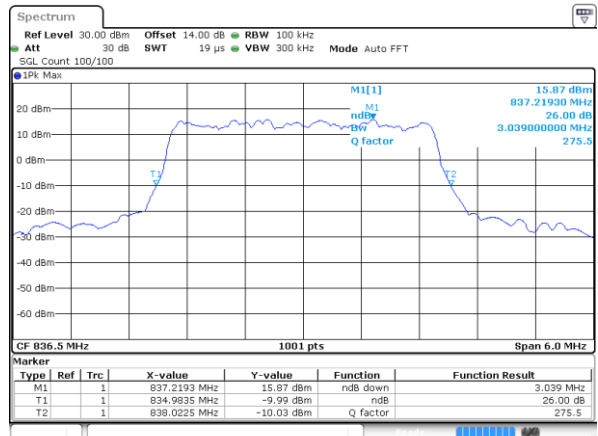
Date: 17 AUG 2024 16:29:20

Middle Channel / 3MHz / QPSK



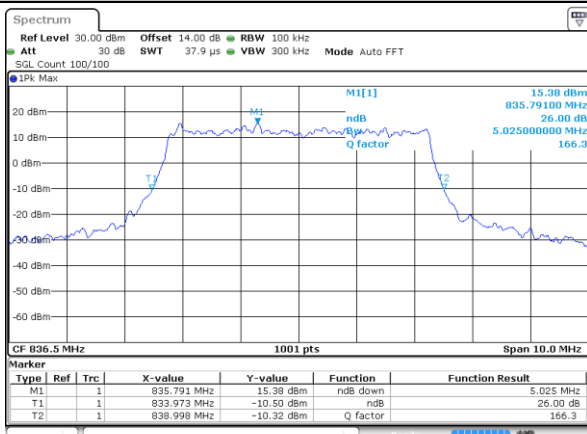
Date: 17 AUG 2024 16:50:21

Middle Channel / 3MHz / 16QAM



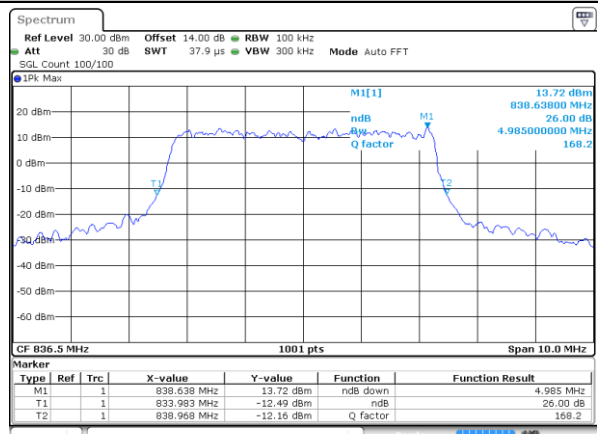
Date: 17 AUG 2024 16:51:03

Middle Channel / 5MHz / QPSK



Date: 17 AUG 2024 17:12:05

Middle Channel / 5MHz / 16QAM

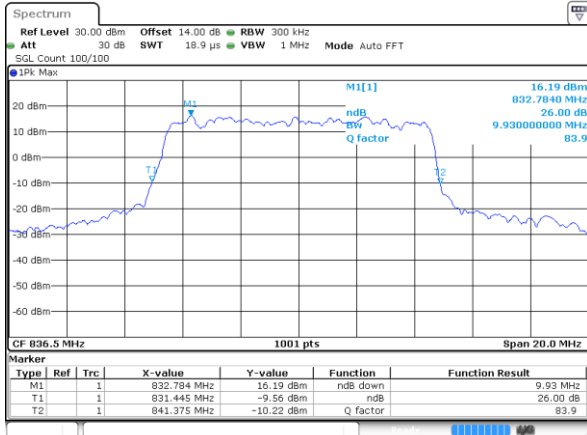


Date: 17 AUG 2024 17:12:47



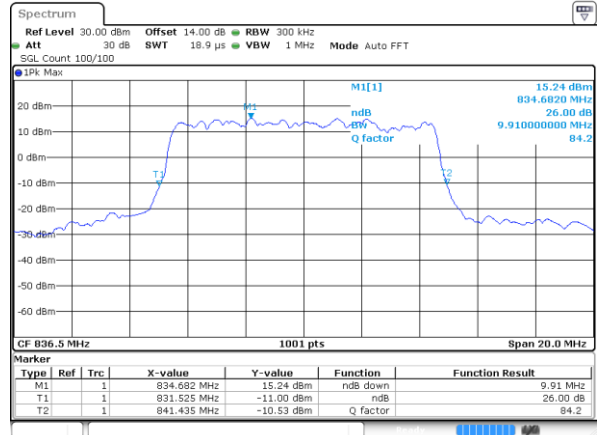
LTE Band 26

Middle Channel / 10MHz / QPSK



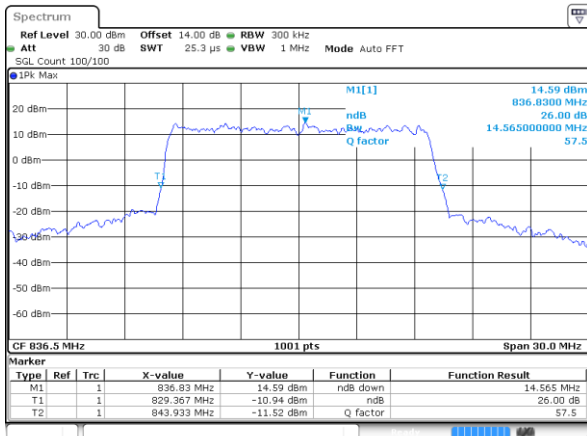
Date: 17.AUG.2024 17:33:48

Middle Channel / 10MHz / 16QAM



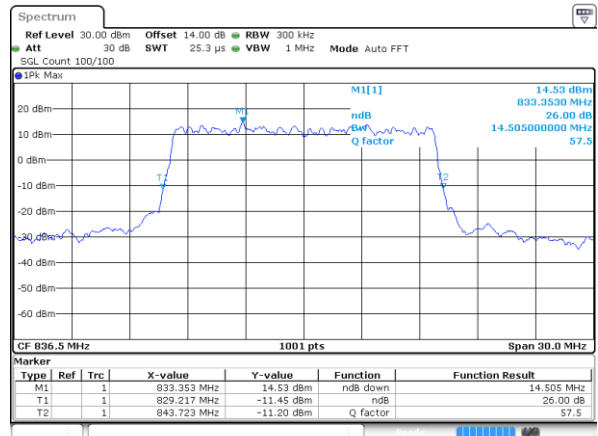
Date: 17.AUG.2024 17:34:30

Middle Channel / 15MHz / QPSK



Date: 17.AUG.2024 17:54:40

Middle Channel / 15MHz / 16QAM



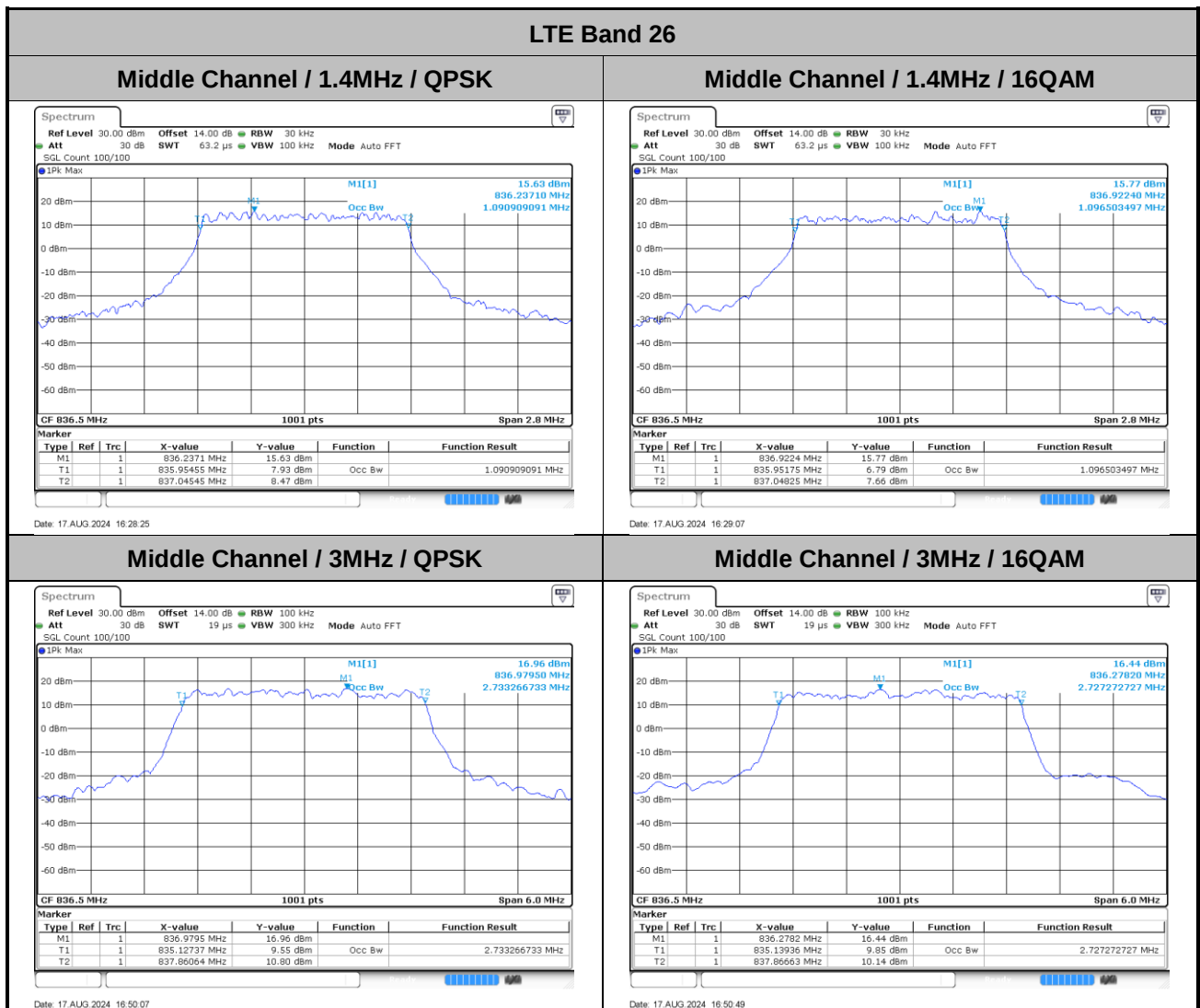
Date: 17.AUG.2024 17:55:22



Occupied Bandwidth

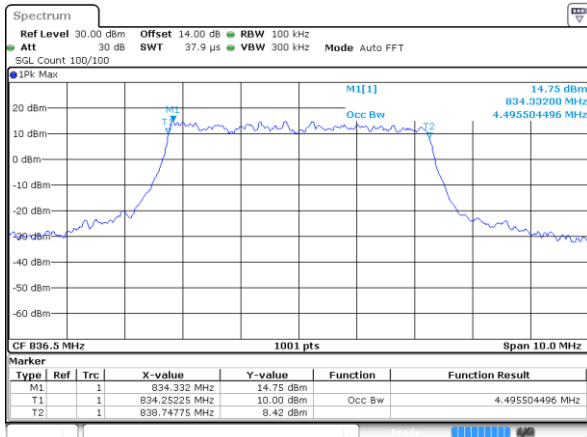
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.73	2.73	4.50	4.47	9.13	9.05	13.55	13.37	-	-

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz(CH26790)	
Mod.	QPSK	16QAM
High CH	13.52	13.49



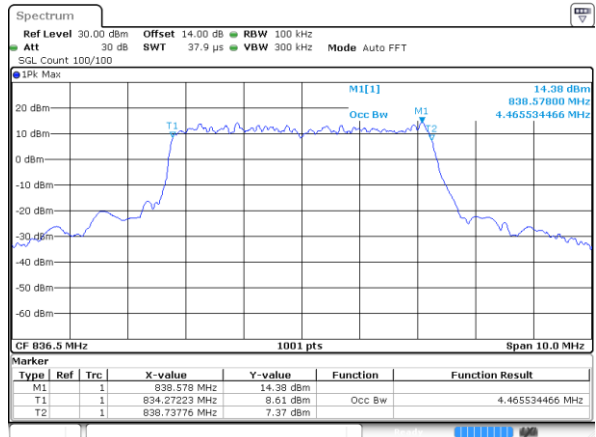


Middle Channel / 5MHz / QPSK



Date: 17.AUG.2024 17:11:51

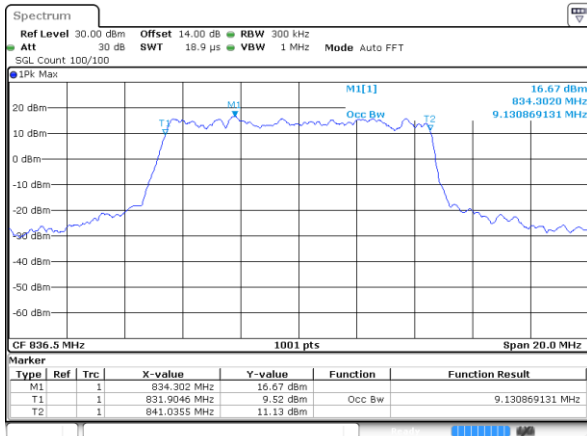
Middle Channel / 5MHz / 16QAM



Date: 17.AUG.2024 17:12:33

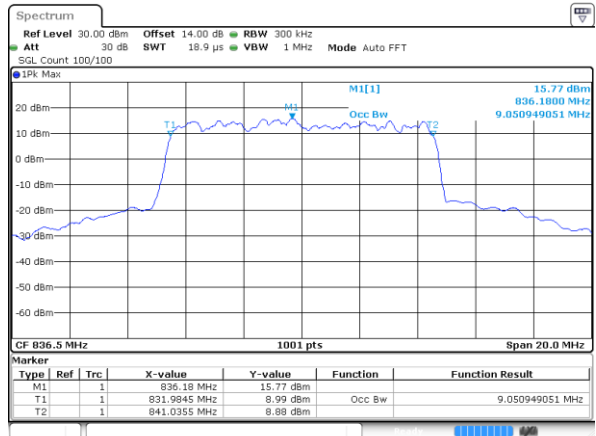
LTE Band 26

Middle Channel / 10MHz / QPSK



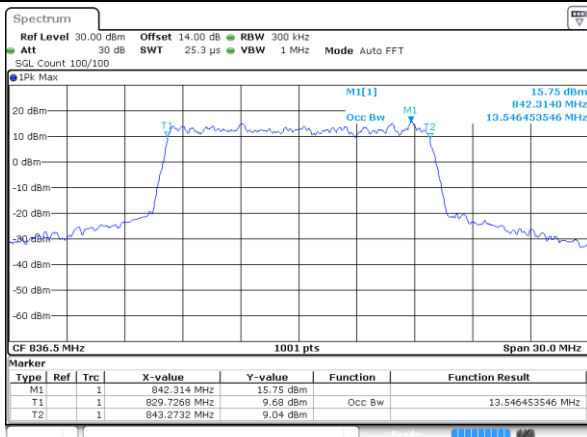
Date: 17.AUG.2024 17:33:34

Middle Channel / 10MHz / 16QAM



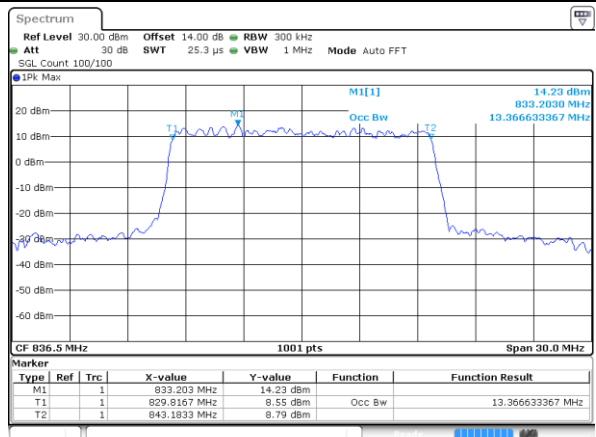
Date: 17.AUG.2024 17:34:16

Middle Channel / 15MHz / QPSK

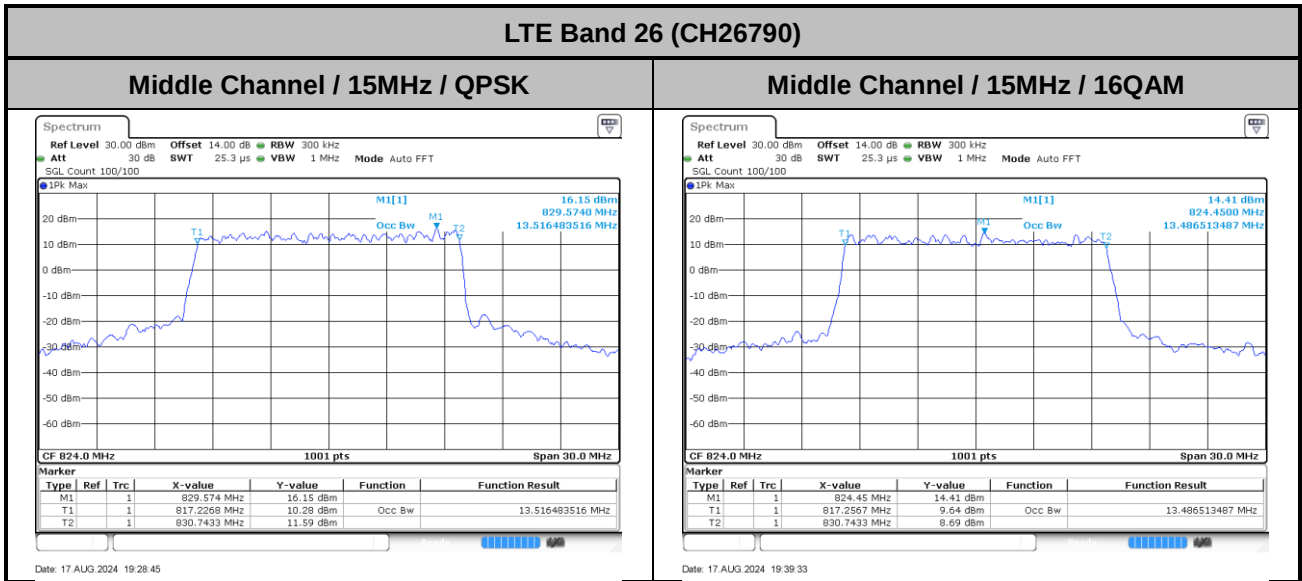


Date: 17.AUG.2024 17:54:26

Middle Channel / 15MHz / 16QAM



Date: 17.AUG.2024 17:55:08

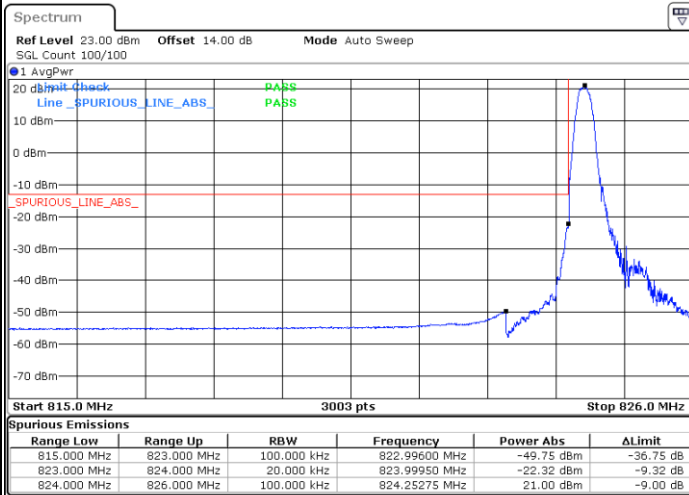




Conducted Band Edge

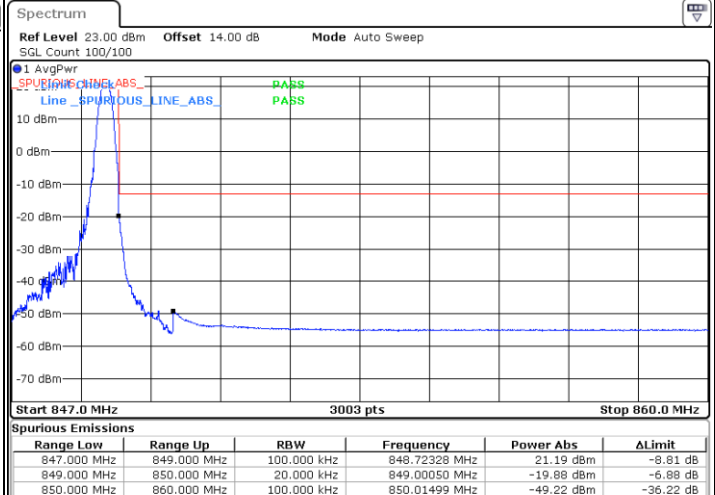
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



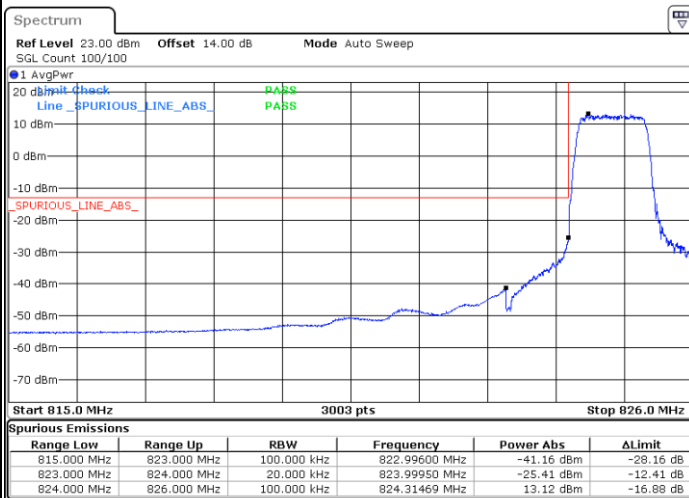
Date: 17 AUG 2024 16:18:49

Highest Band Edge / 1RB



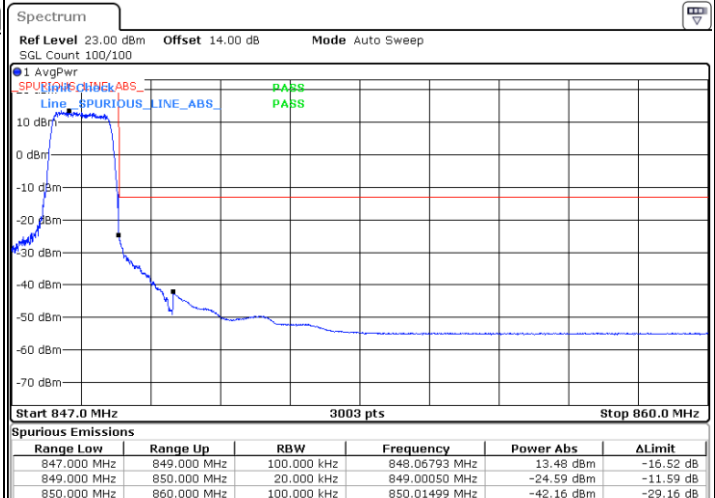
Date: 17 AUG 2024 16:30:37

Lowest Band Edge / Full RB



Date: 17 AUG 2024 16:25:20

Highest Band Edge / Full RB

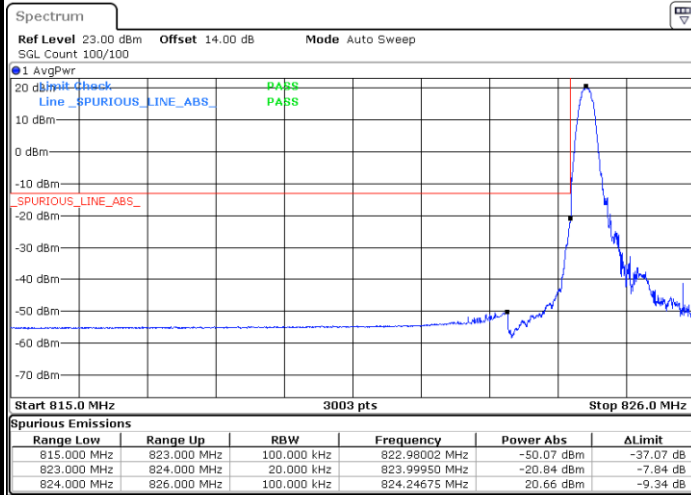


Date: 17 AUG 2024 16:37:08

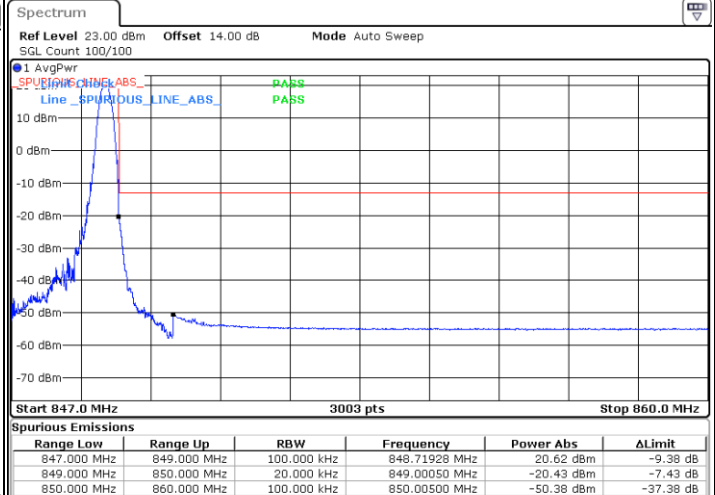


LTE Band 26 / 1.4MHz / 16QAM

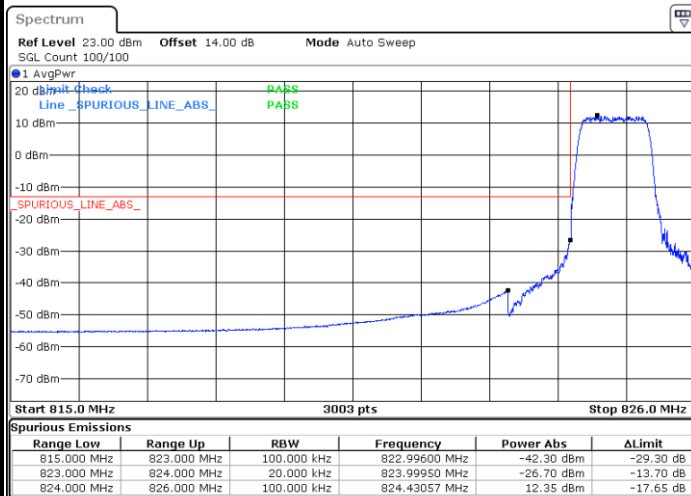
Lowest Band Edge / 1 RB



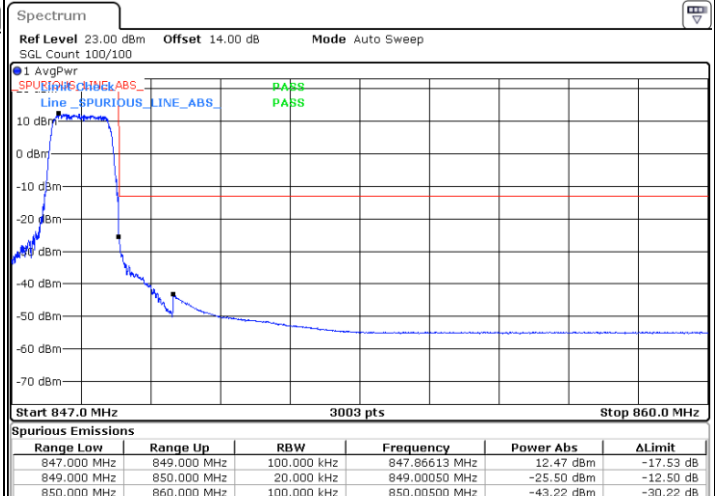
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



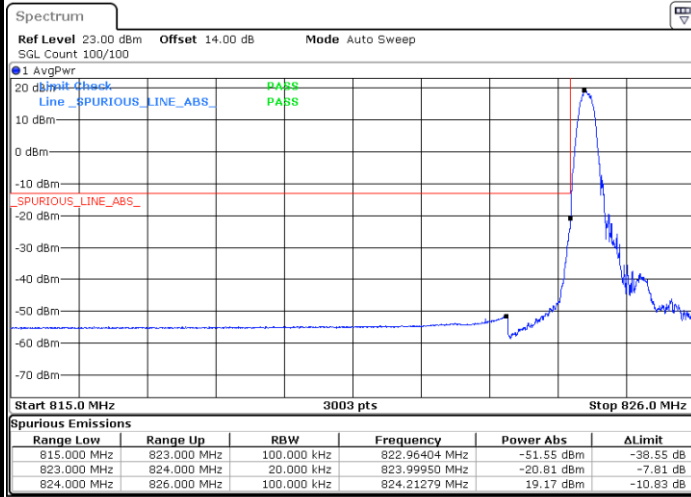
Highest Band Edge / Full RB



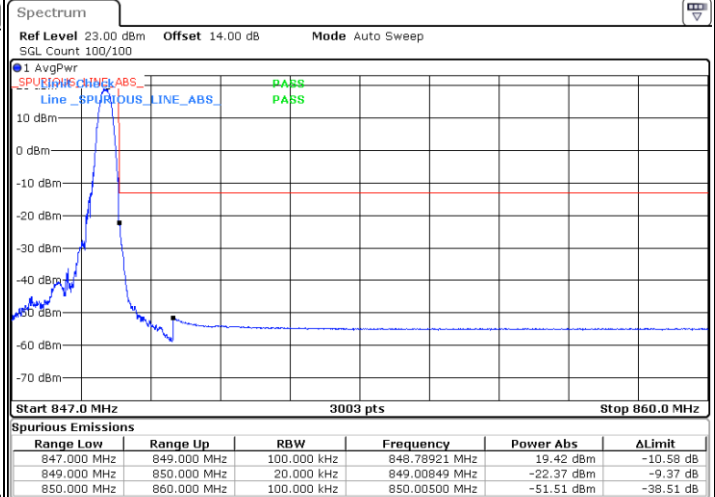


LTE Band 26 / 1.4MHz / 64QAM

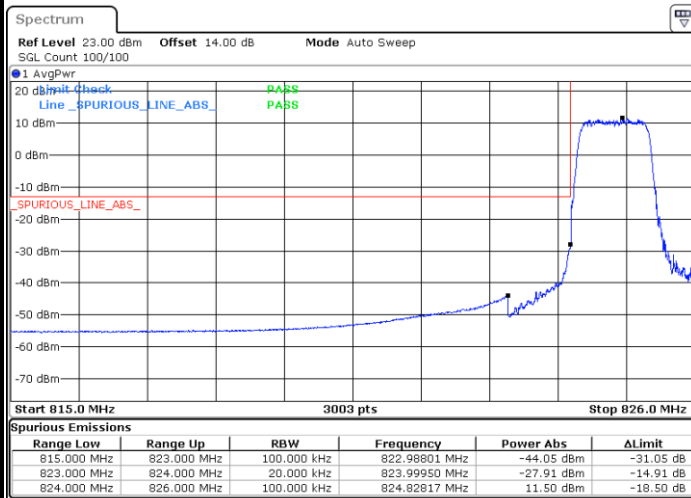
Lowest Band Edge / 1 RB



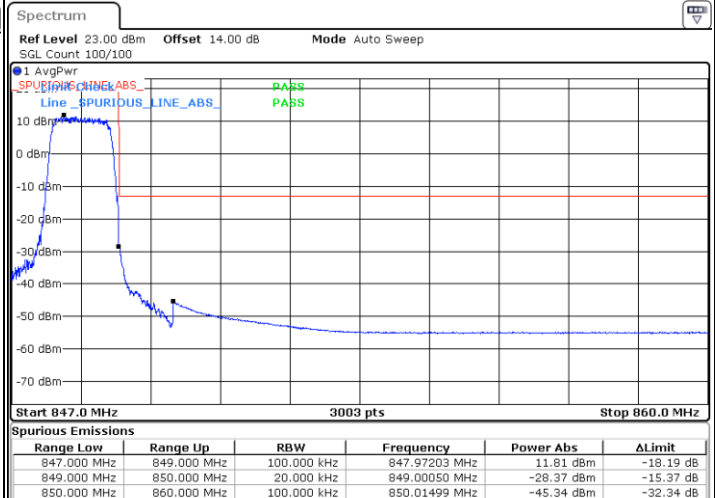
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



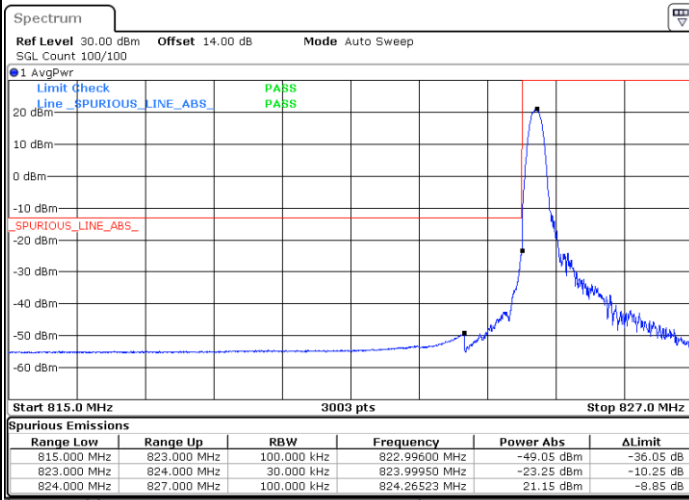
Highest Band Edge / Full RB





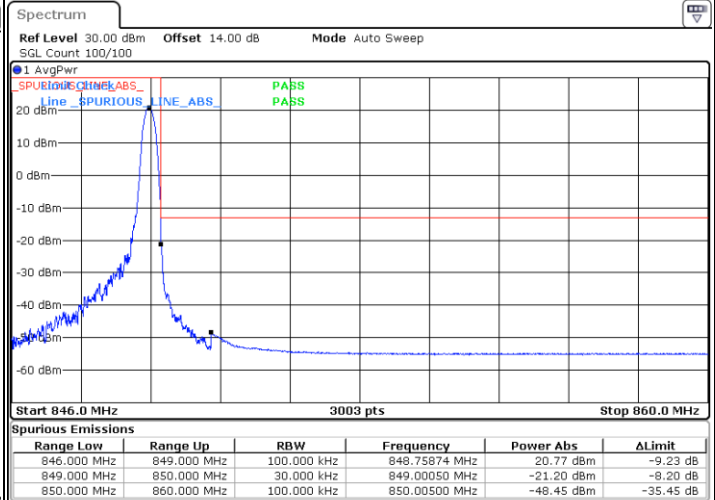
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



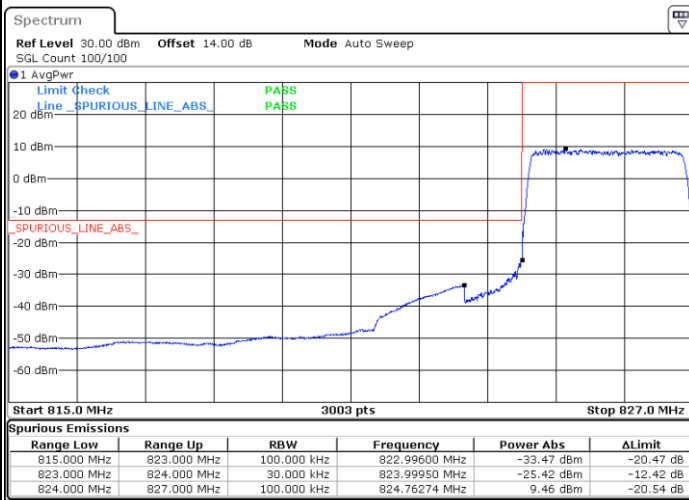
Date: 17 AUG 2024 16:40:31

Highest Band Edge / 1RB



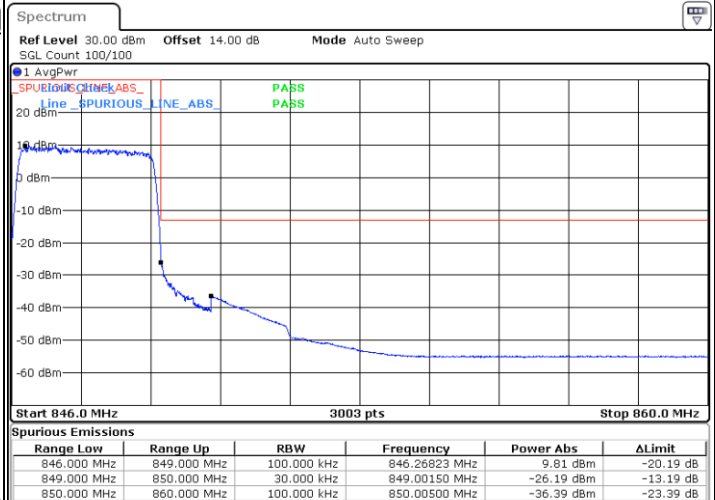
Date: 17 AUG 2024 16:52:20

Lowest Band Edge / Full RB



Date: 17 AUG 2024 16:47:02

Highest Band Edge / Full RB

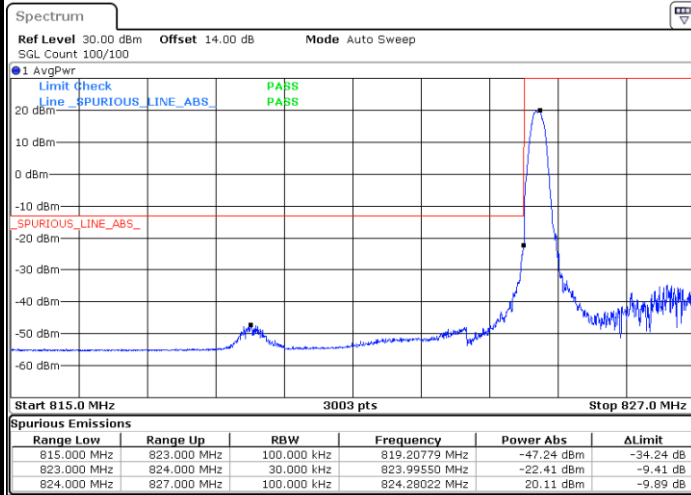


Date: 17 AUG 2024 16:58:52



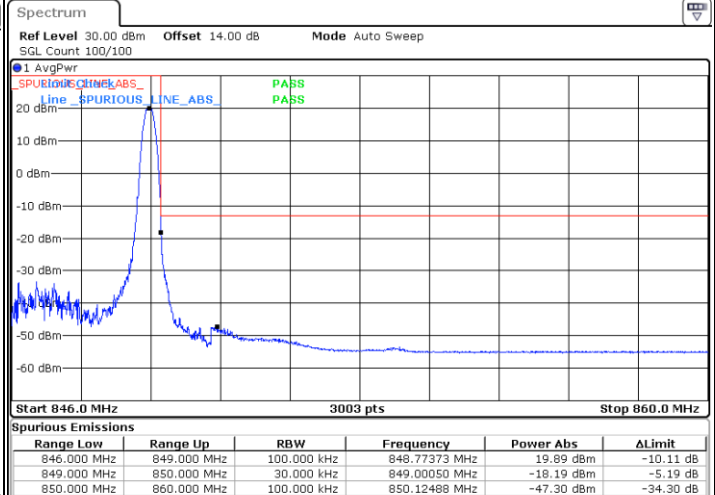
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



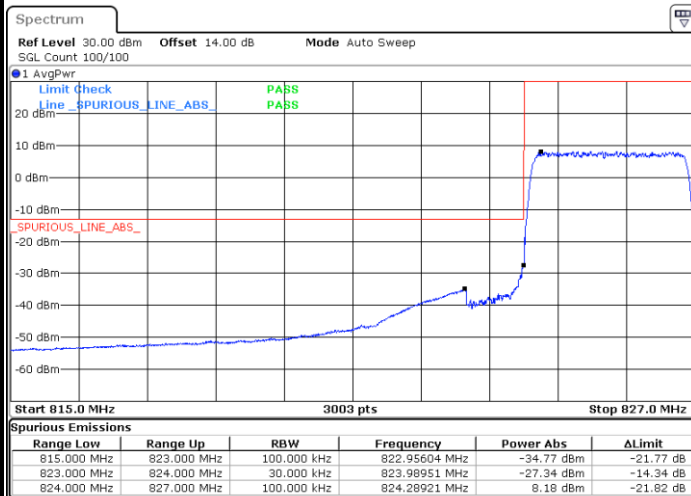
Date: 17 AUG 2024 16:41:49

Highest Band Edge / 1 RB



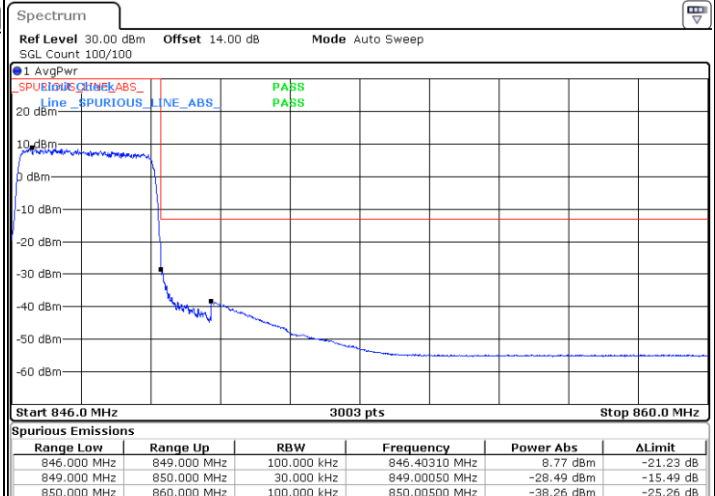
Date: 17 AUG 2024 16:53:38

Lowest Band Edge / Full RB



Date: 17 AUG 2024 16:45:44

Highest Band Edge / Full RB



Date: 17 AUG 2024 16:57:34