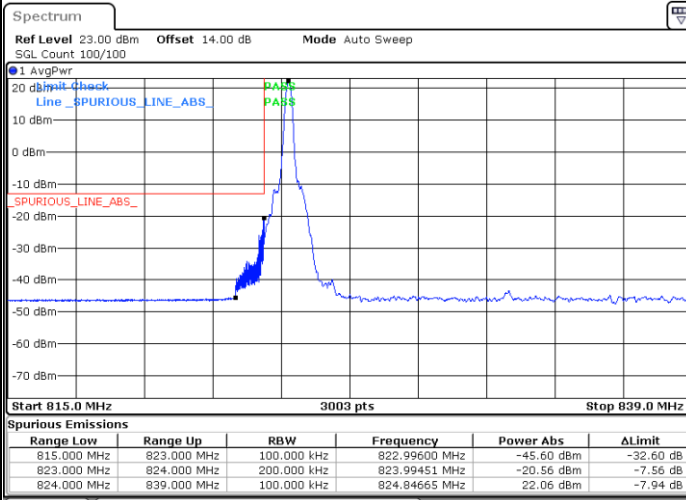




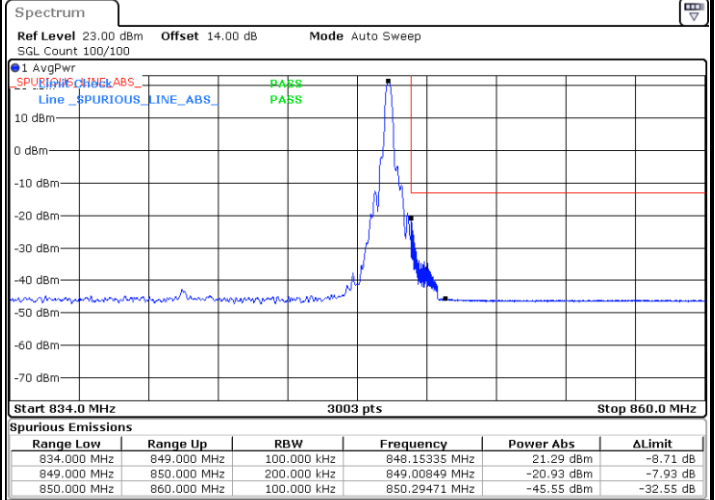
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1RB



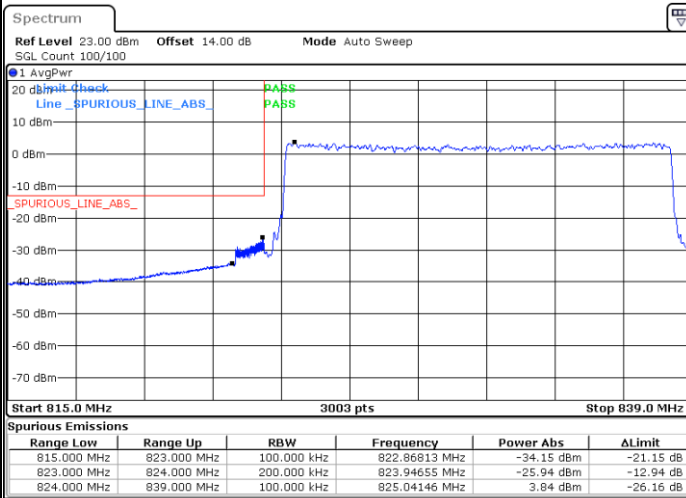
Date: 9.AUG.2024 03:51:41

Highest Band Edge / 1RB



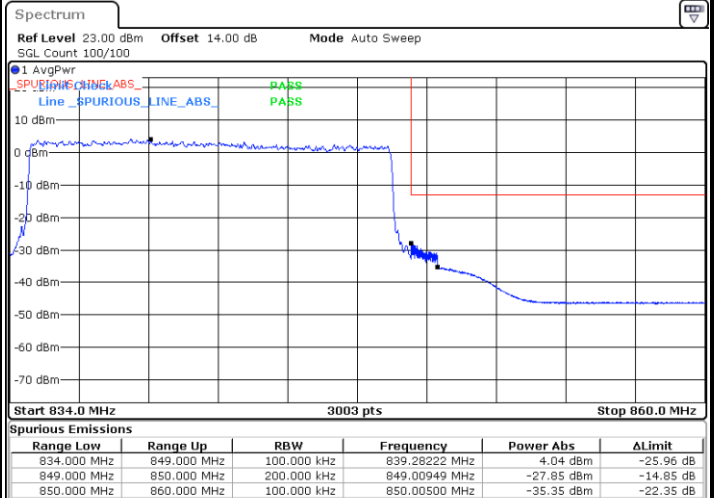
Date: 9.AUG.2024 04:03:28

Lowest Band Edge / Full RB



Date: 9.AUG.2024 03:56:39

Highest Band Edge / Full RB

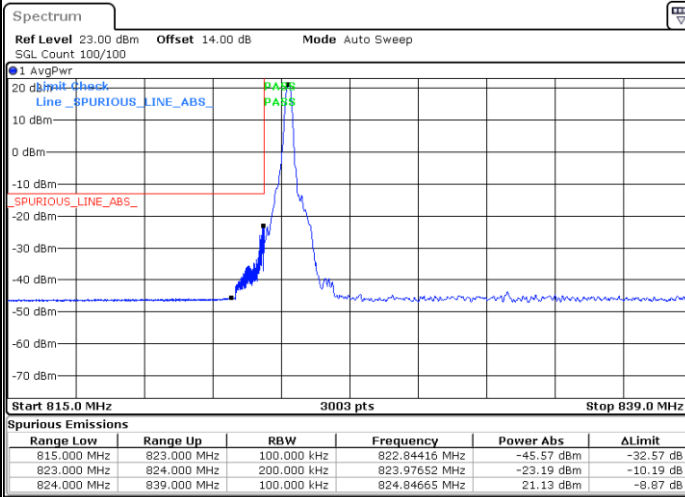


Date: 9.AUG.2024 04:08:30



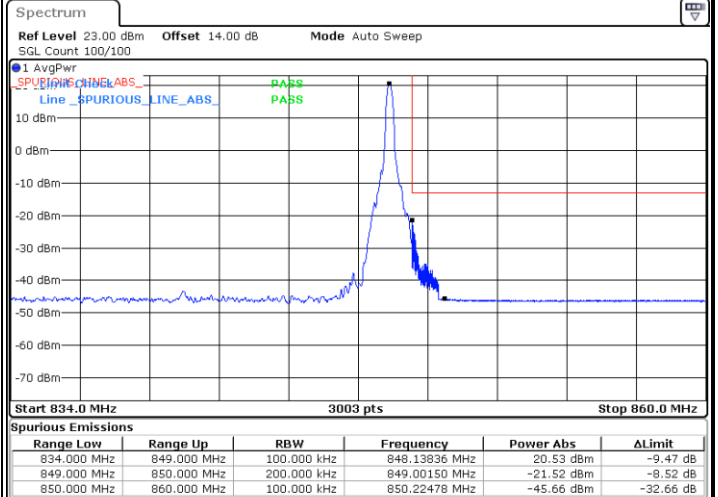
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



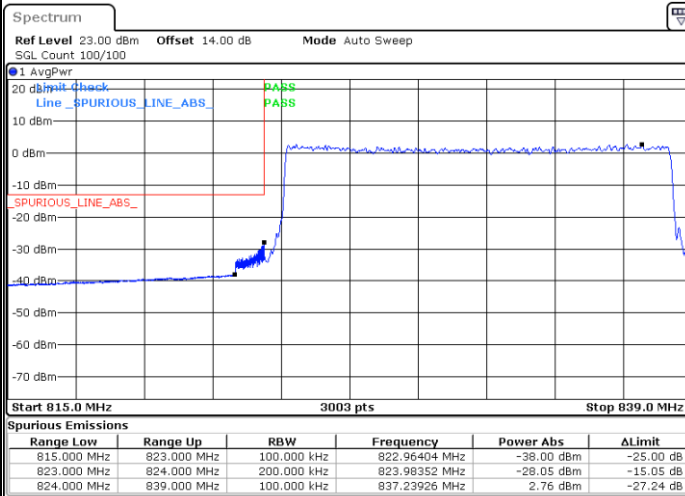
Date: 9.AUG.2024 03:52:47

Highest Band Edge / 1 RB



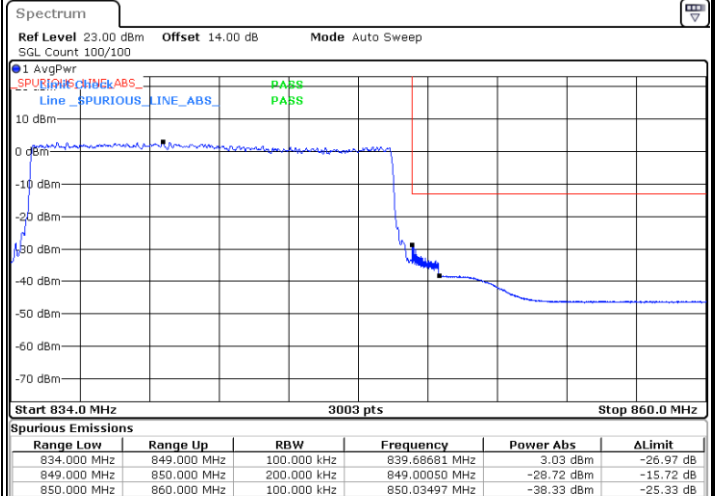
Date: 9.AUG.2024 04:04:35

Lowest Band Edge / Full RB



Date: 9.AUG.2024 03:55:33

Highest Band Edge / Full RB

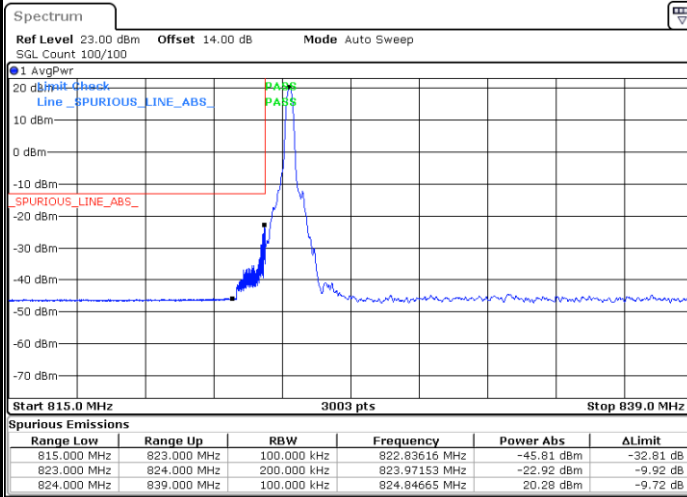


Date: 9.AUG.2024 04:07:23



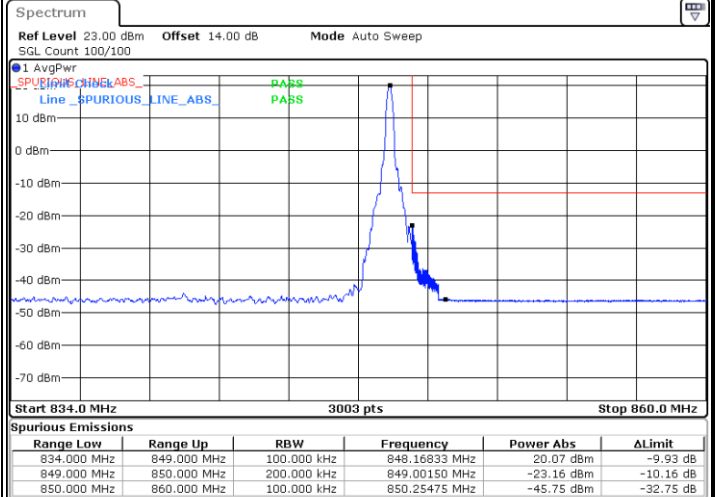
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



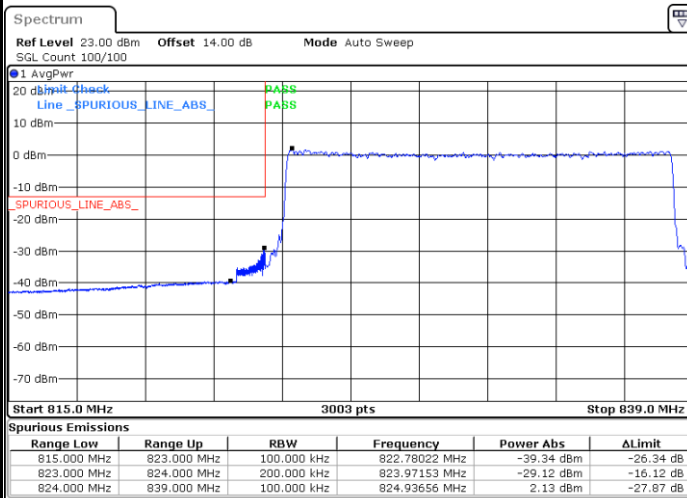
Date: 9.AUG.2024 03:53:37

Highest Band Edge / 1 RB



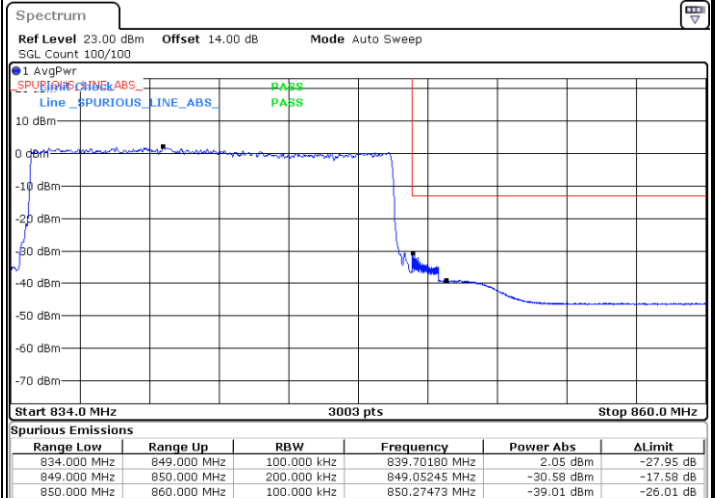
Date: 9.AUG.2024 04:05:25

Lowest Band Edge / Full RB



Date: 9.AUG.2024 03:54:43

Highest Band Edge / Full RB



Date: 9.AUG.2024 04:06:32

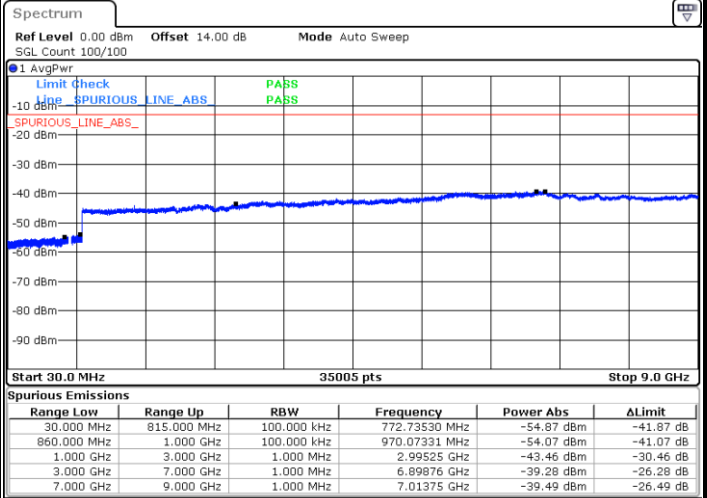
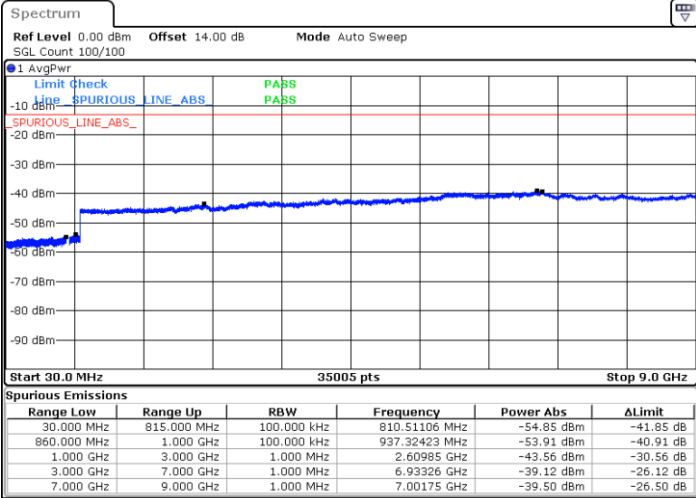


Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

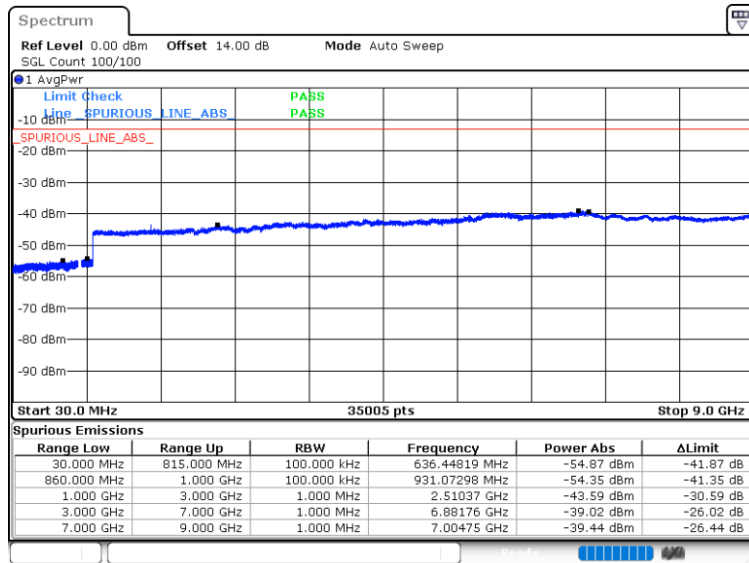
Middle Channel / QPSK



Date: 9.AUG.2024 02:45:09

Date: 9.AUG.2024 02:46:30

Highest Channel / QPSK



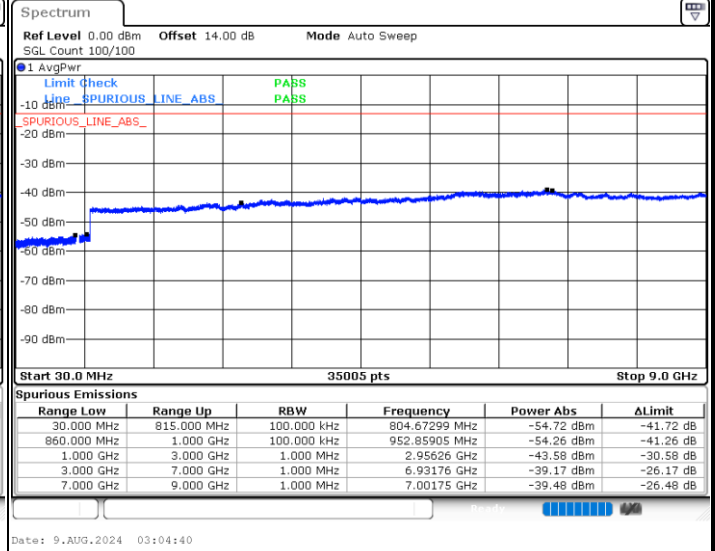
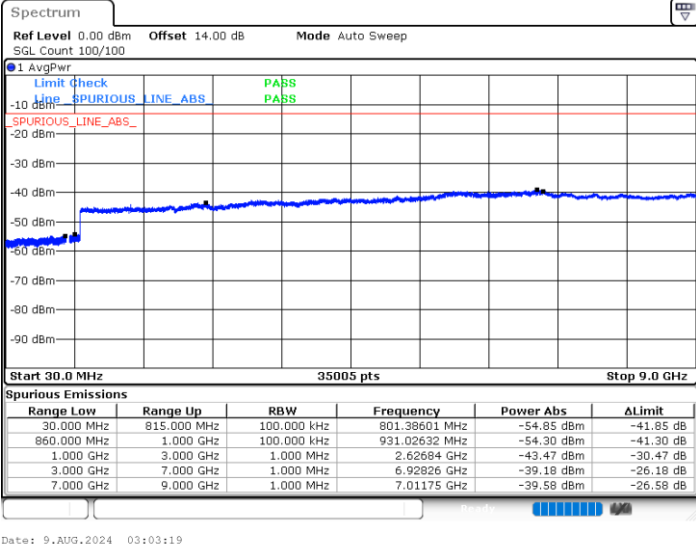
Date: 9.AUG.2024 02:55:22



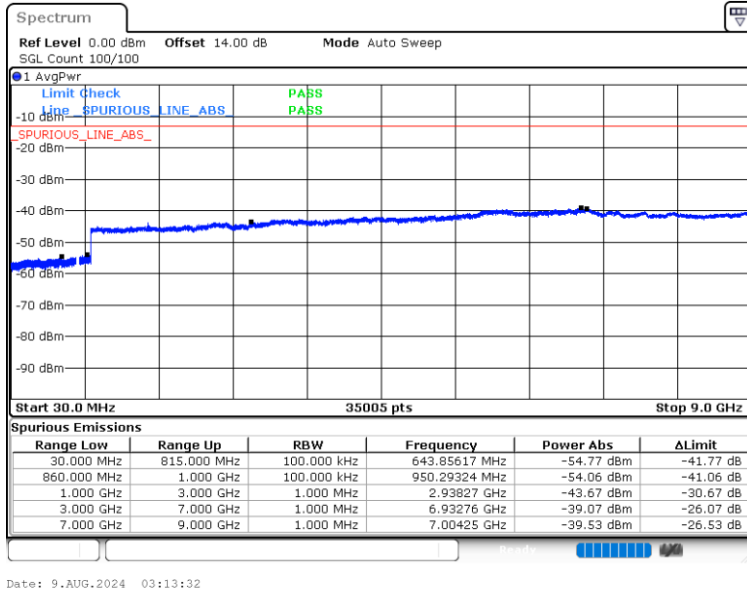
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

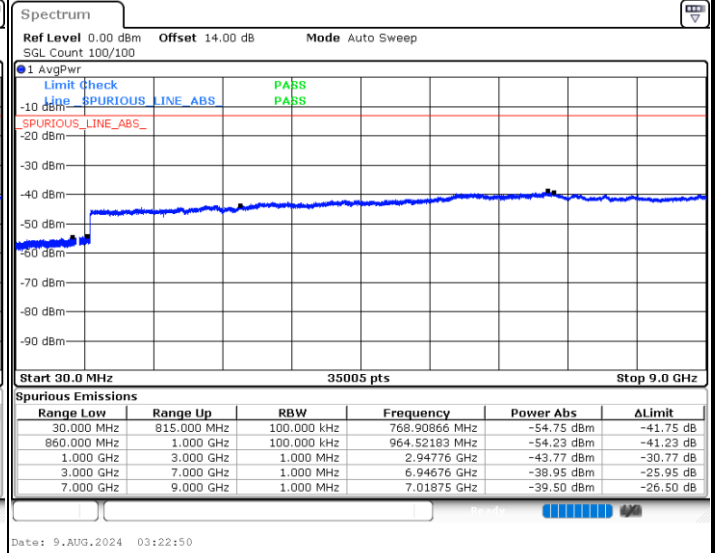
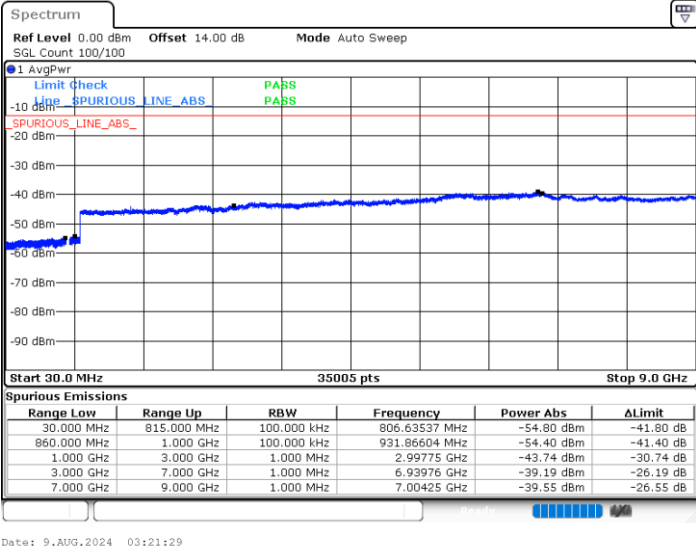




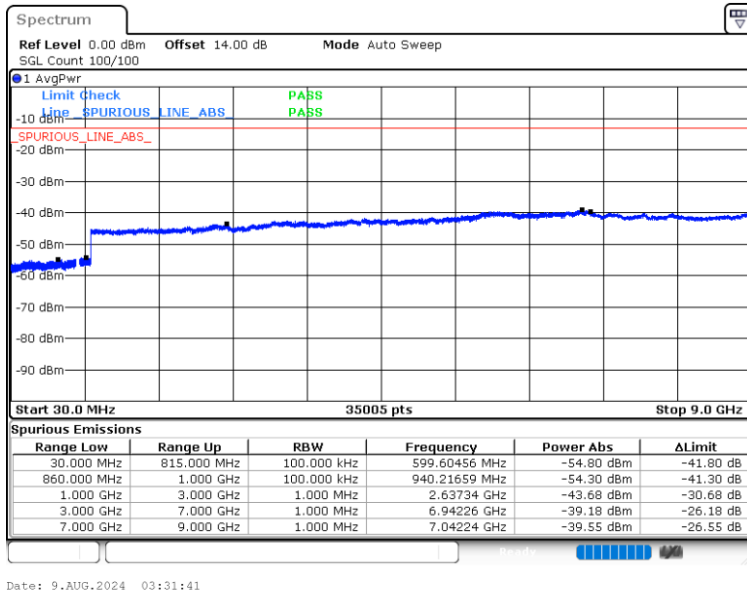
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

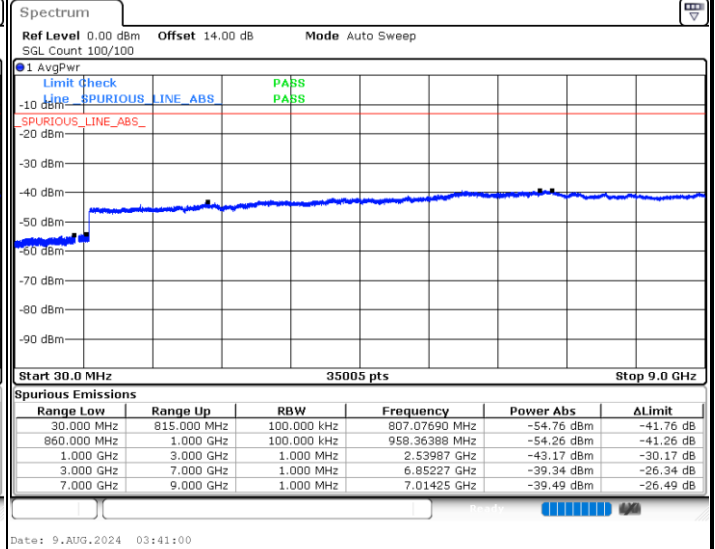
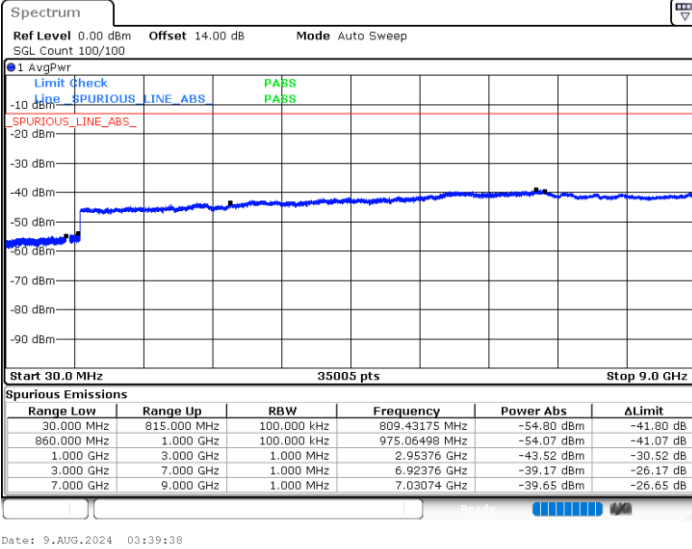




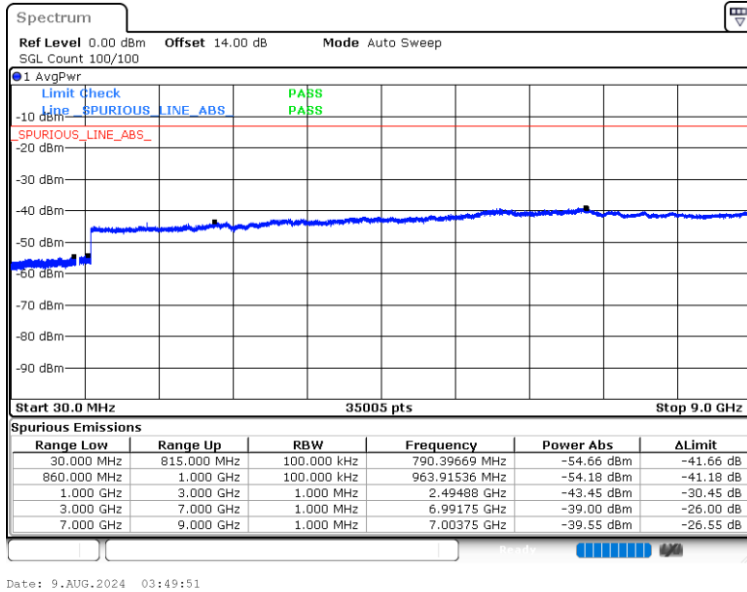
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

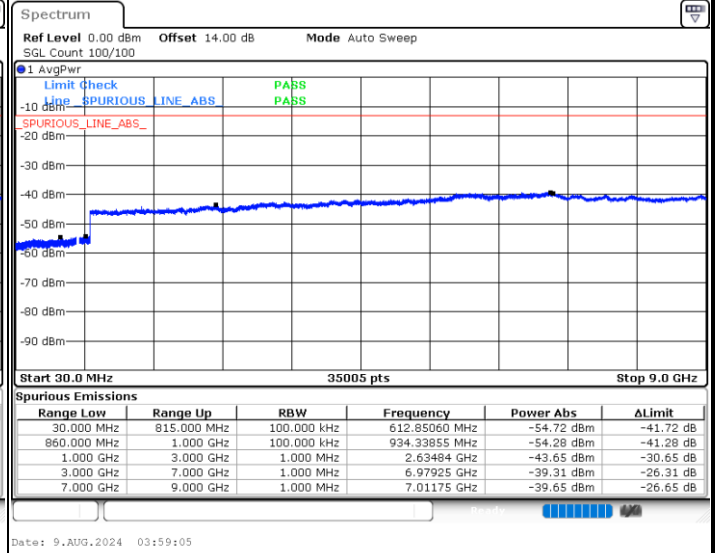
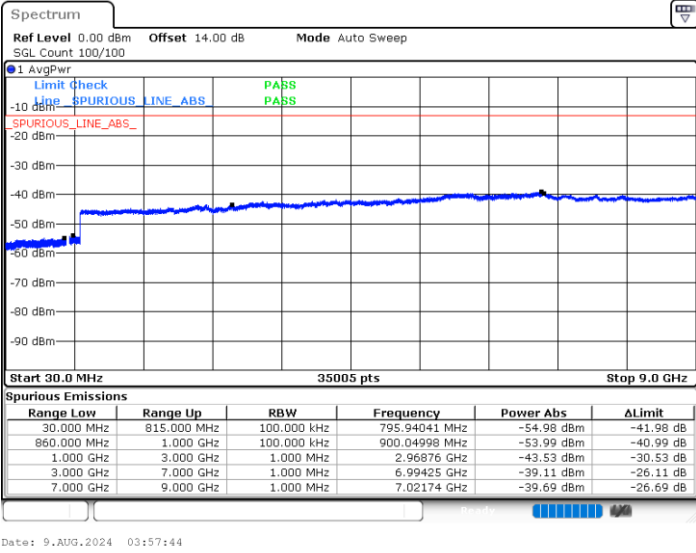




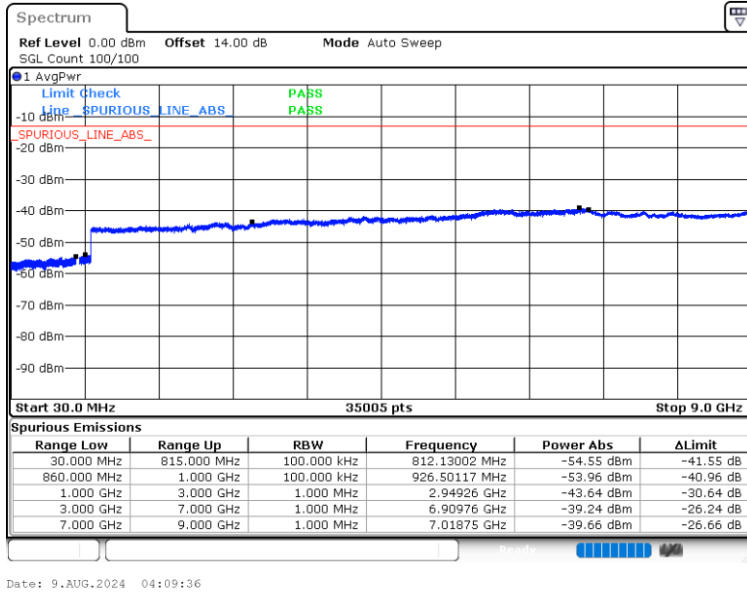
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0011	

Note:

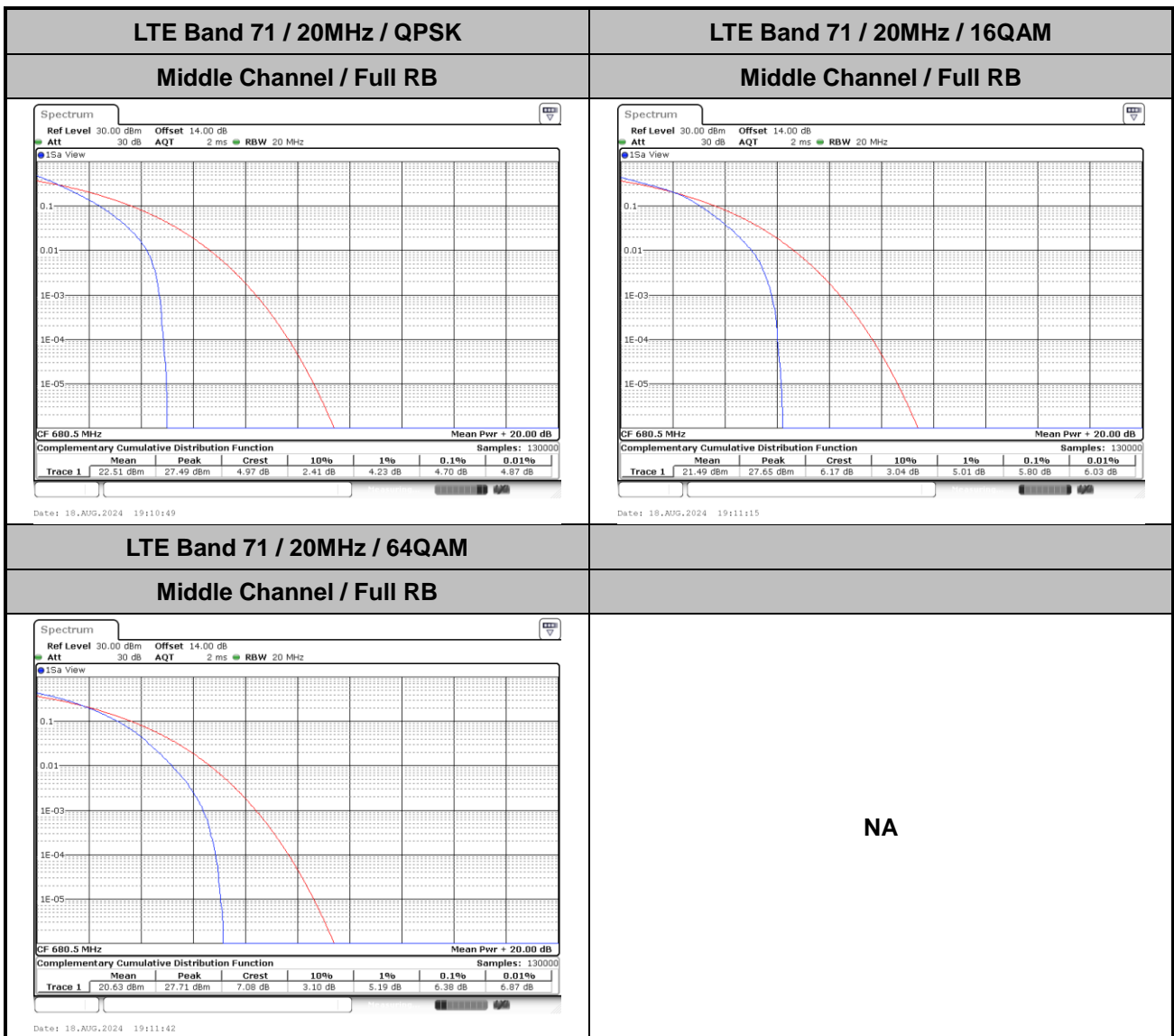
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.3 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.70	5.80	6.38	PASS

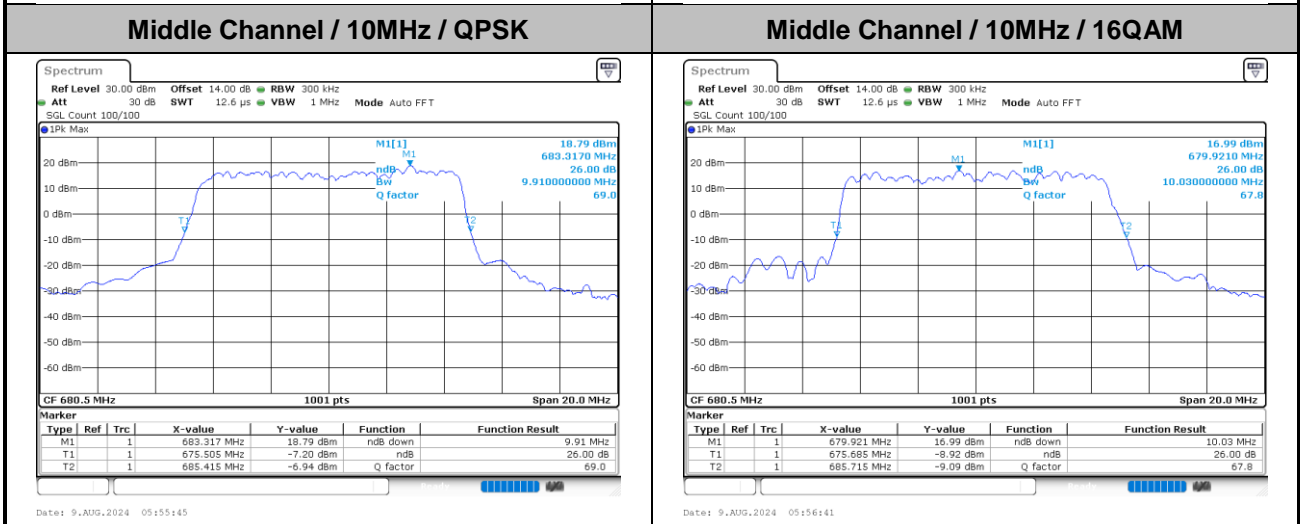
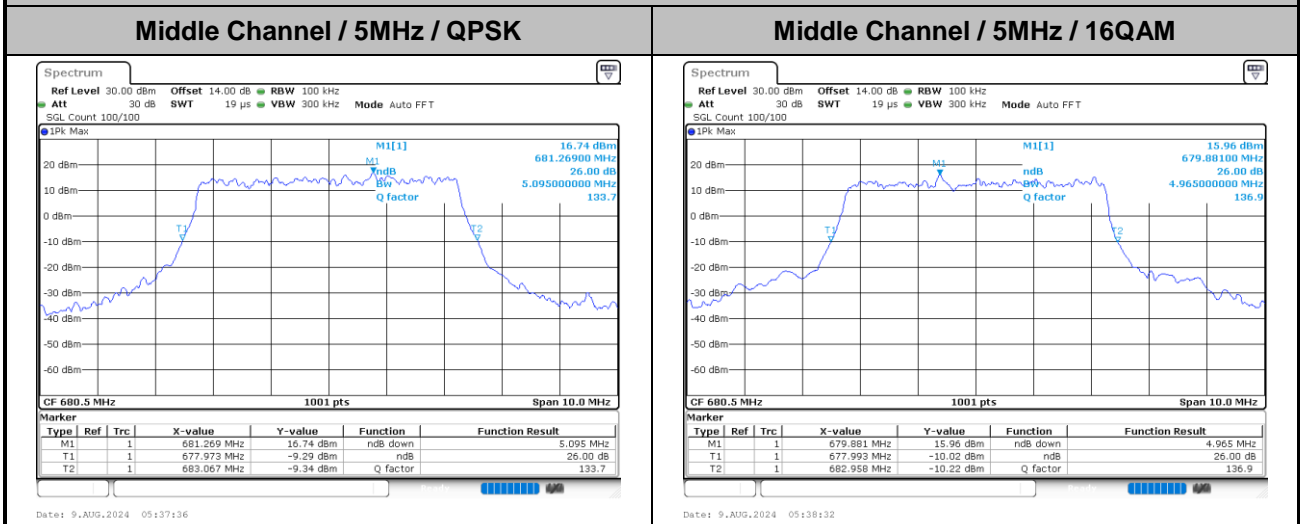




26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.10	4.97	9.91	10.03	14.51	14.24	19.06	19.42

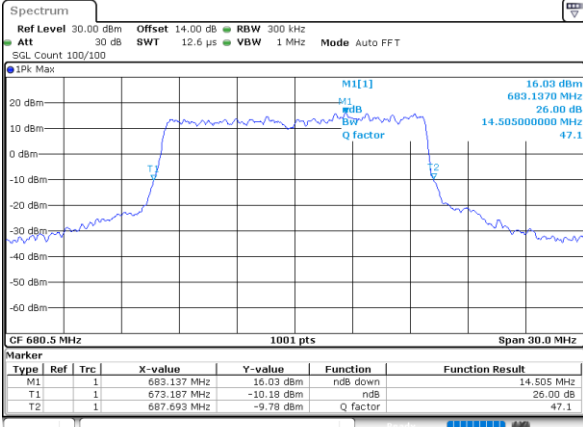
LTE Band 71





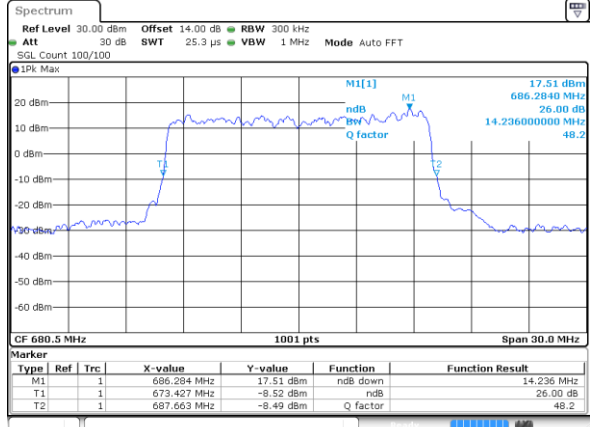
LTE Band 71

Middle Channel / 15MHz / QPSK



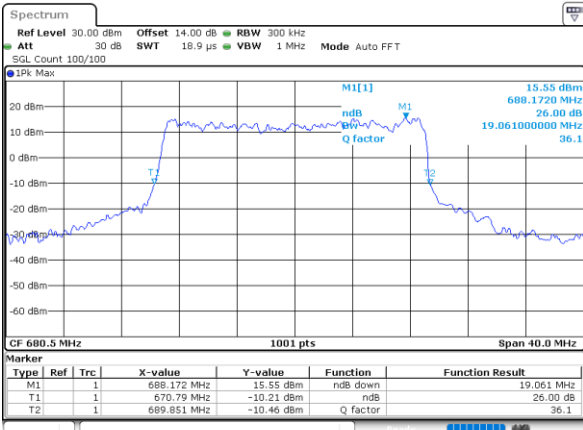
Date: 9_AUG.2024 06:13:53

Middle Channel / 15MHz / 16QAM



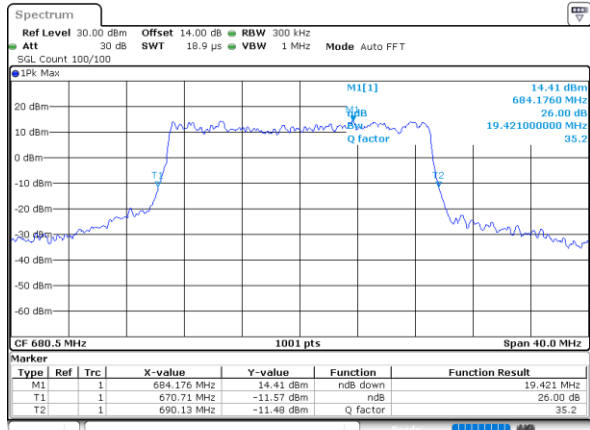
Date: 19_AUG.2024 01:23:27

Middle Channel / 20MHz / QPSK



Date: 19_AUG.2024 19:09:43

Middle Channel / 20MHz / 16QAM

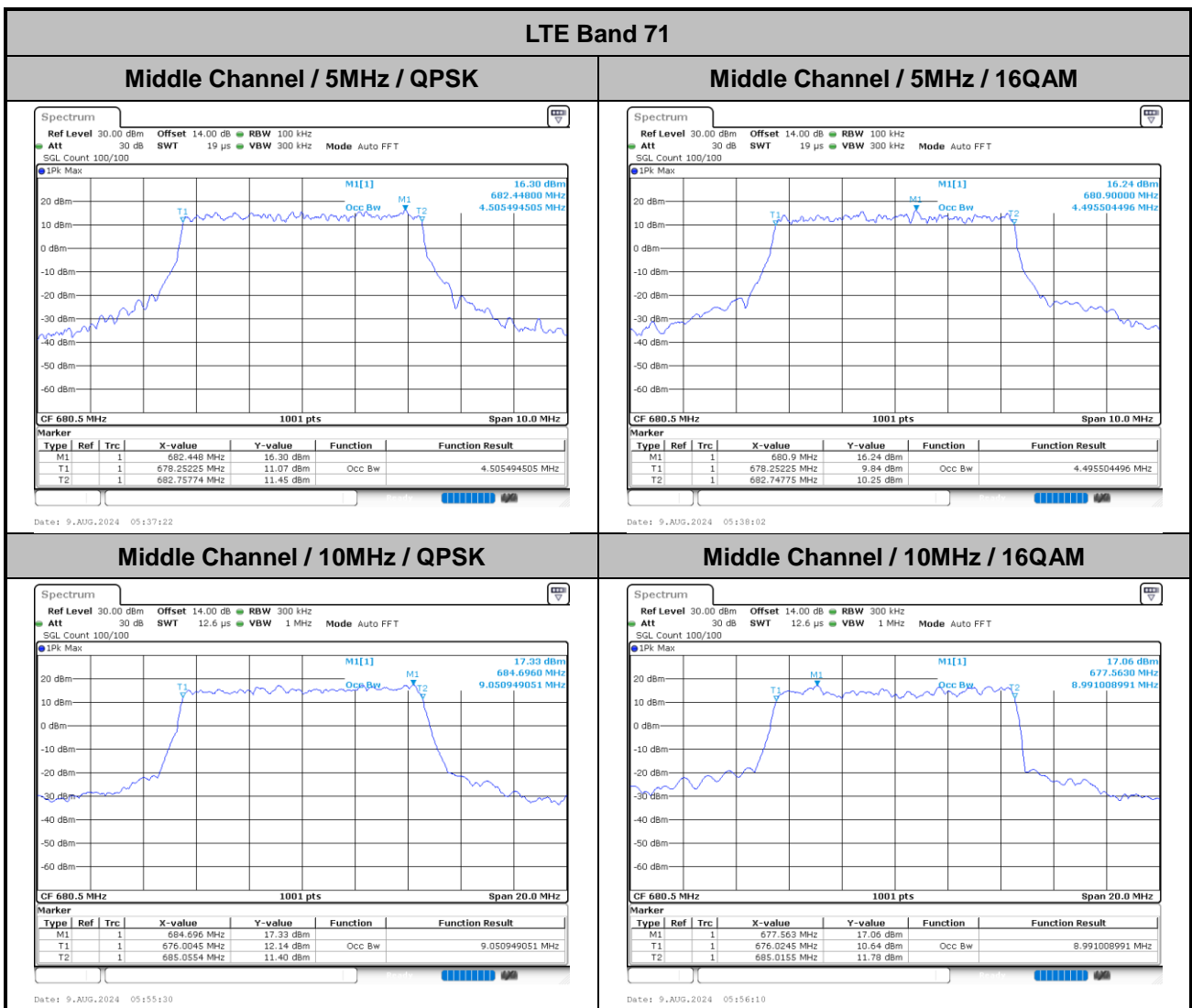


Date: 19_AUG.2024 19:10:22



Occupied Bandwidth

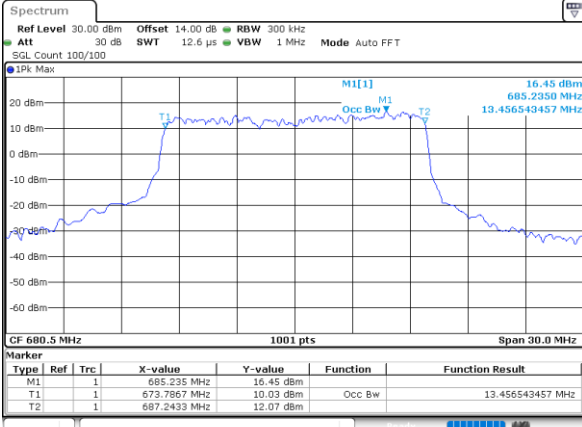
Mode	LTE Band 71 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.51	4.50	9.05	8.99	13.46	13.58	17.94	17.94





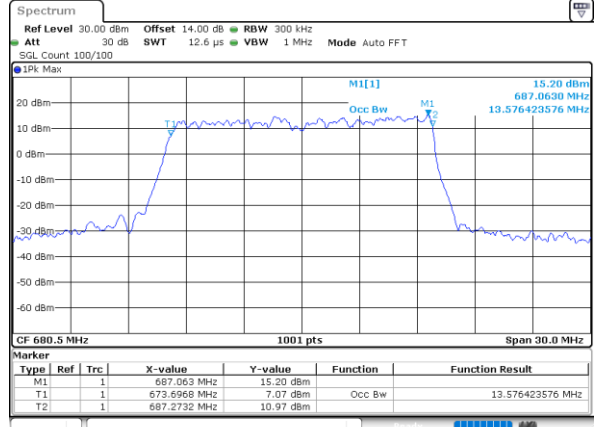
LTE Band 71

Middle Channel / 15MHz / QPSK



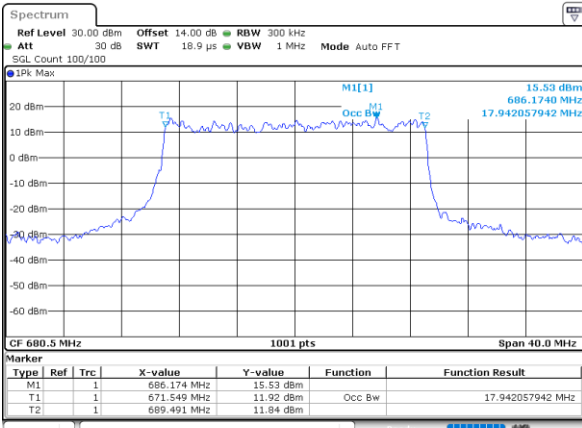
Date: 9_AUG.2024 06:13:39

Middle Channel / 15MHz / 16QAM



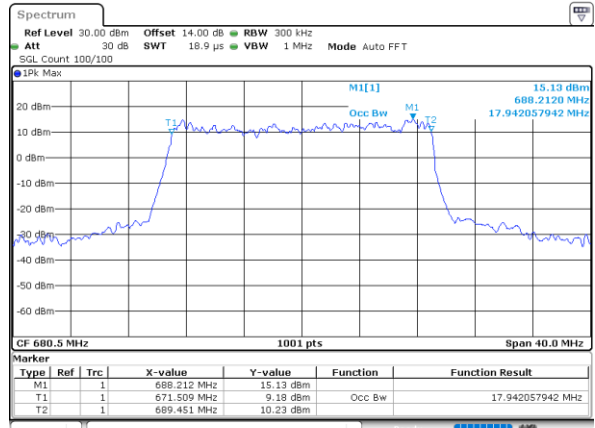
Date: 9_AUG.2024 06:14:19

Middle Channel / 20MHz / QPSK



Date: 18_AUG.2024 19:09:29

Middle Channel / 20MHz / 16QAM



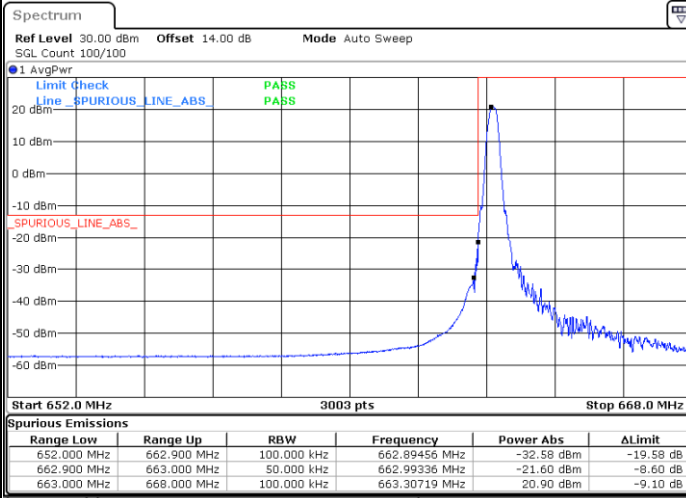
Date: 18_AUG.2024 19:10:08



Conducted Band Edge

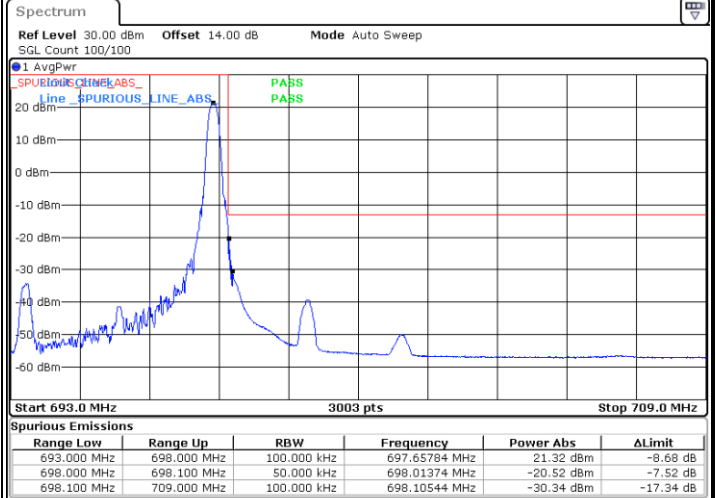
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



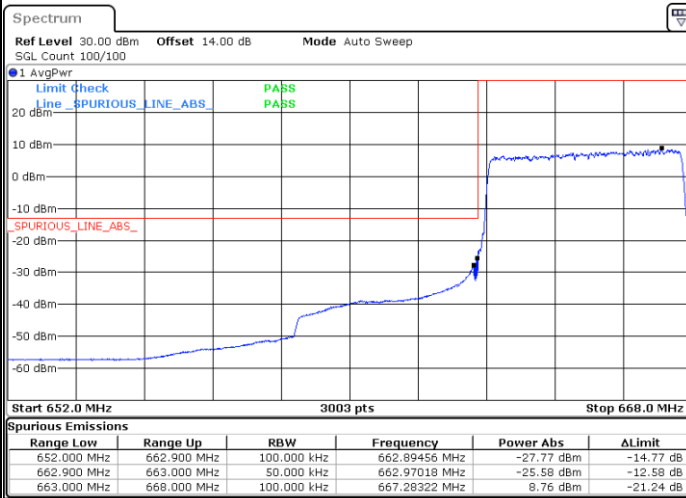
Date: 9.AUG.2024 05:29:11

Highest Band Edge / 1 RB



Date: 9.AUG.2024 05:39:22

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:32:15

Highest Band Edge / Full RB

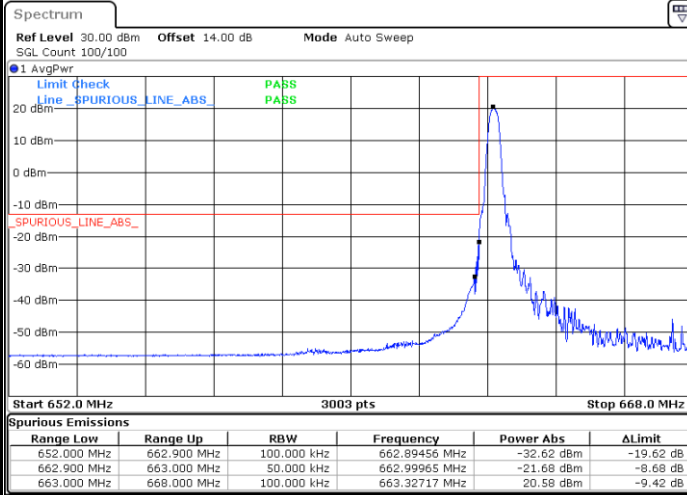


Date: 9.AUG.2024 05:42:26



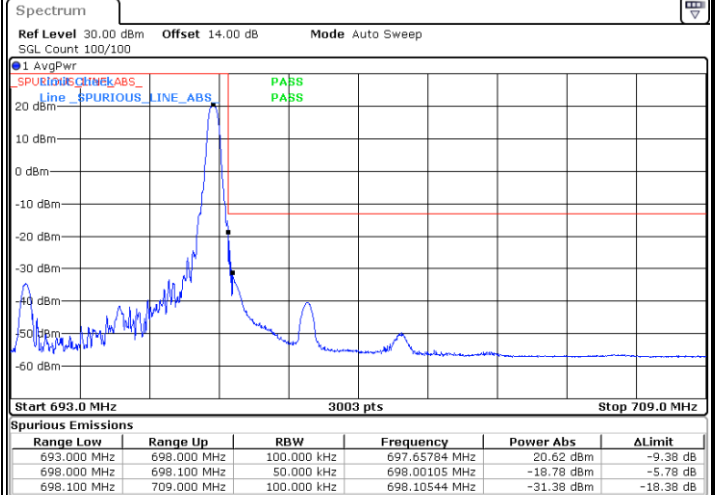
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



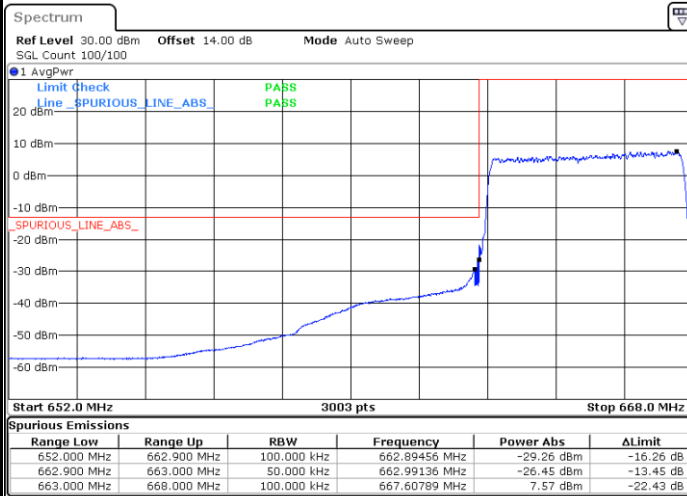
Date: 9.AUG.2024 05:30:18

Highest Band Edge / 1 RB



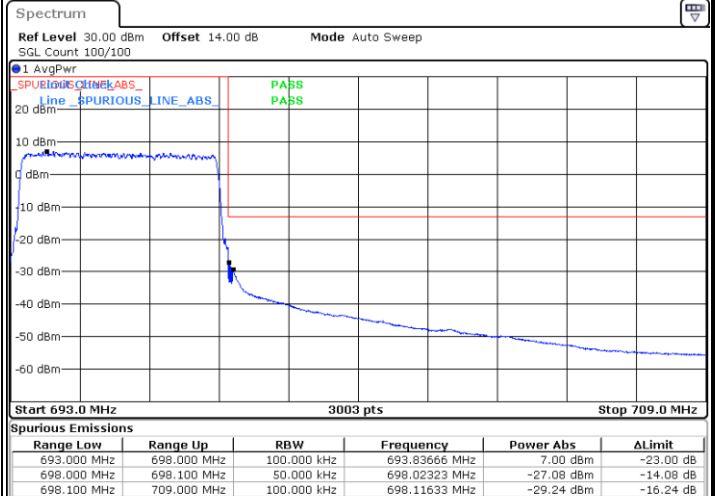
Date: 9.AUG.2024 05:40:29

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:33:06

Highest Band Edge / Full RB

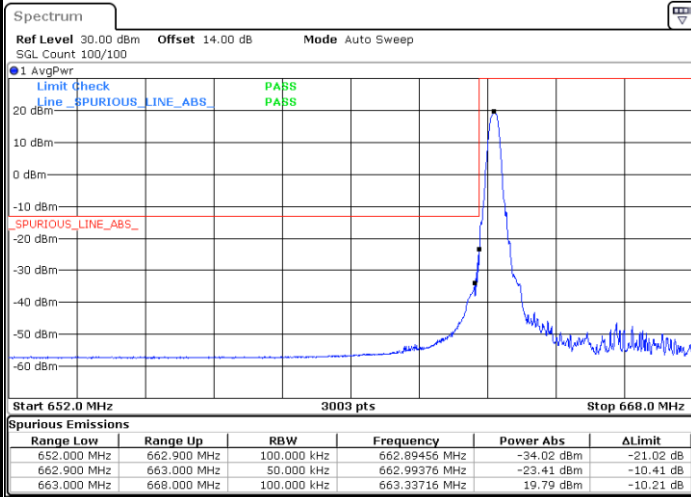


Date: 9.AUG.2024 05:43:17



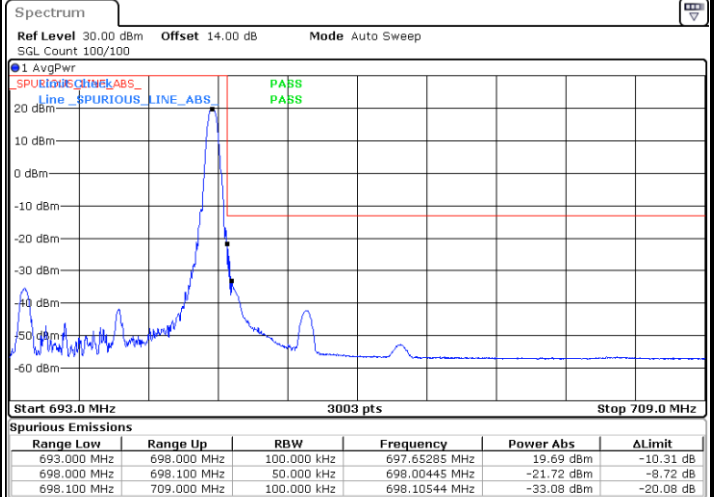
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



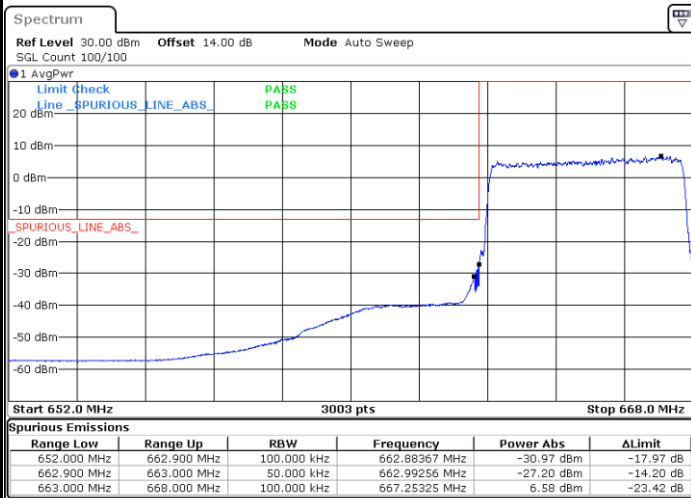
Date: 9.AUG.2024 05:31:09

Highest Band Edge / 1 RB



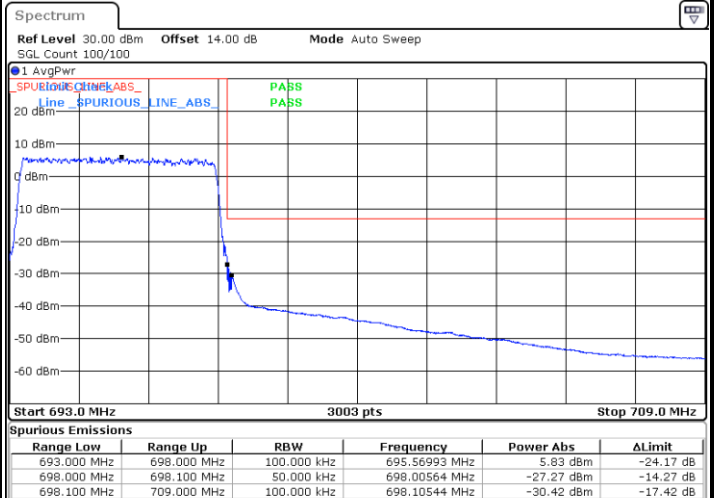
Date: 9.AUG.2024 05:41:19

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:34:13

Highest Band Edge / Full RB

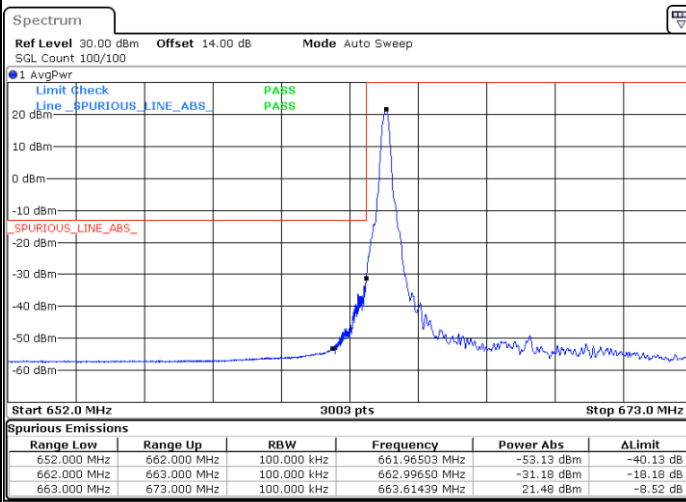


Date: 9.AUG.2024 05:44:24



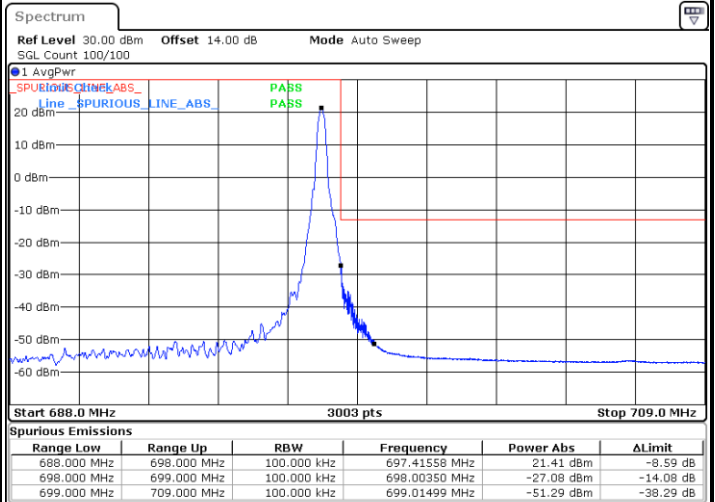
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



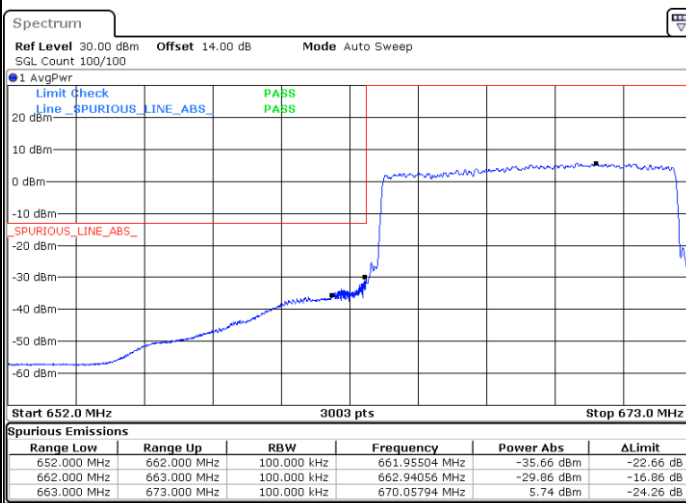
Date: 9.AUG.2024 05:47:19

Highest Band Edge / 1 RB



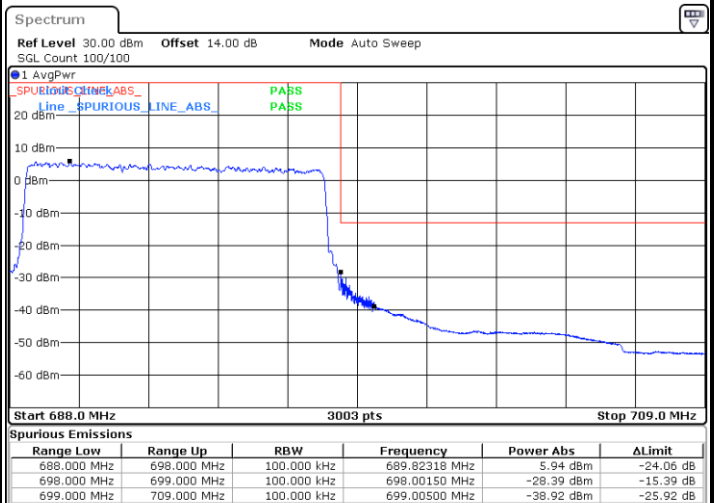
Date: 9.AUG.2024 05:57:30

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:50:24

Highest Band Edge / Full RB

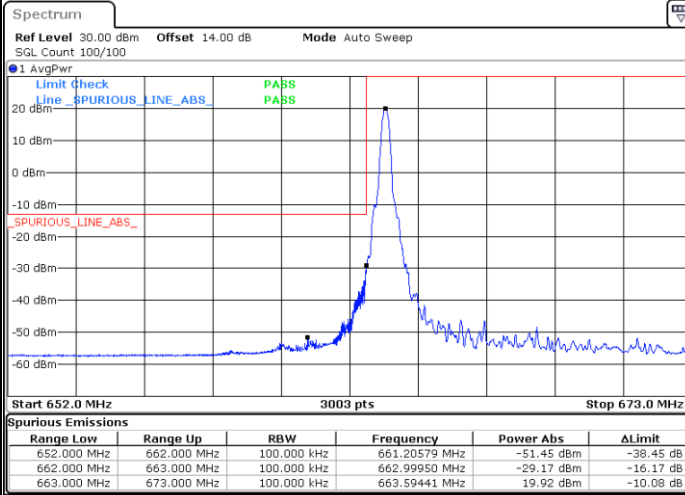


Date: 9.AUG.2024 06:00:35



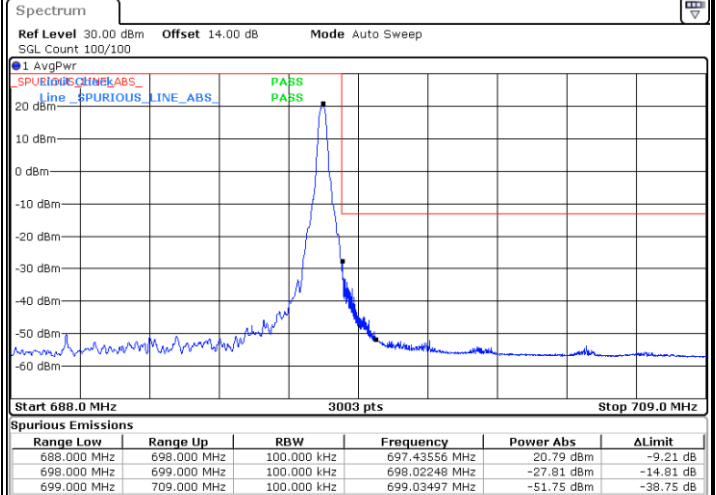
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1RB



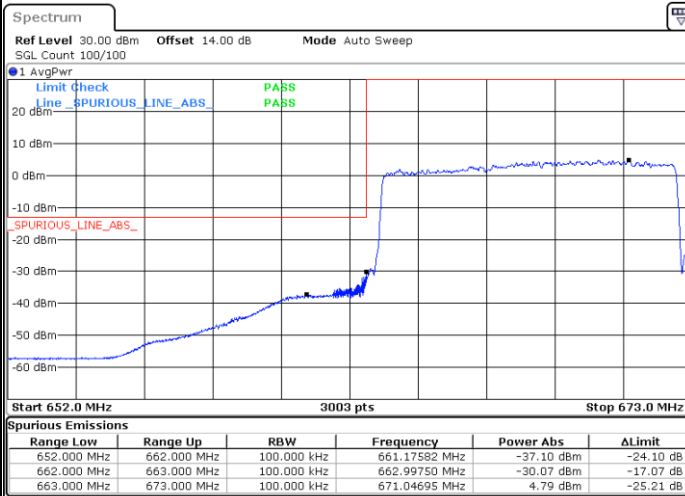
Date: 9.AUG.2024 05:48:26

Highest Band Edge / 1 RB



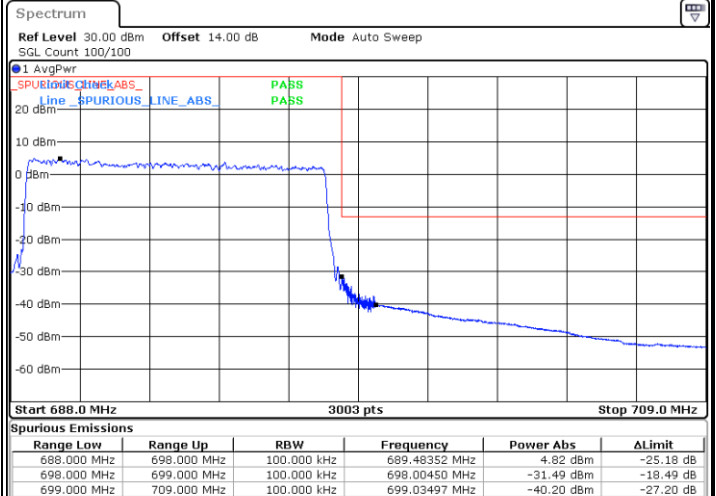
Date: 9.AUG.2024 05:58:37

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:51:15

Highest Band Edge / Full RB

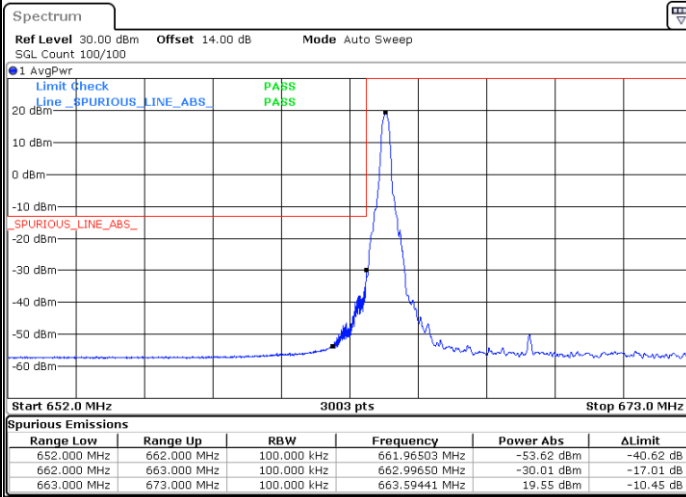


Date: 9.AUG.2024 06:01:26



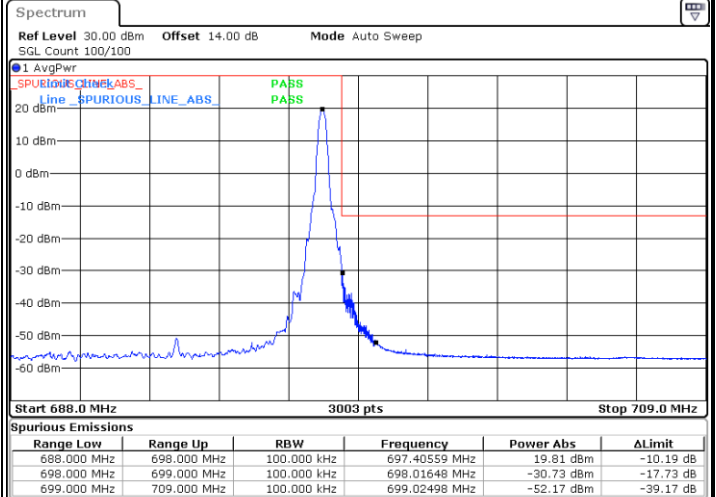
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1RB



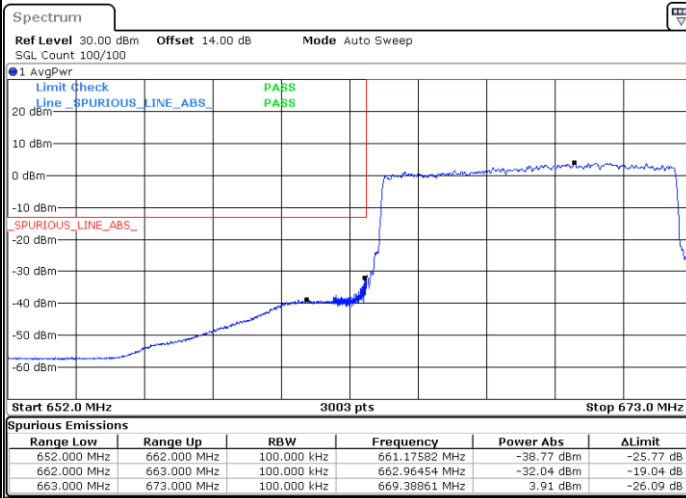
Date: 9.AUG.2024 05:49:17

Highest Band Edge / 1 RB



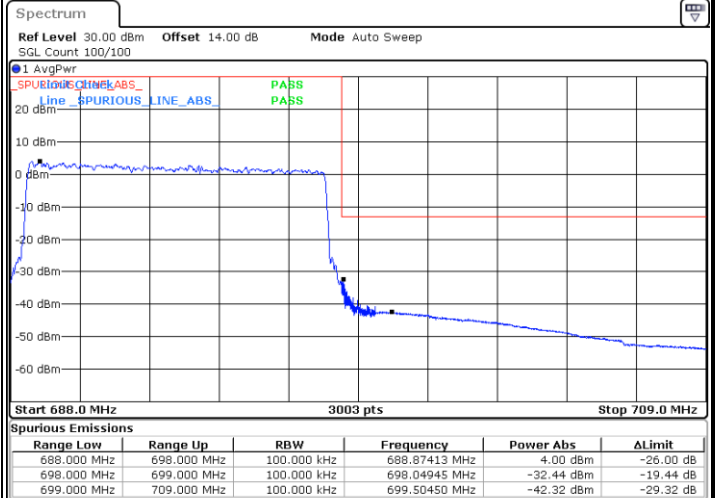
Date: 9.AUG.2024 05:59:28

Lowest Band Edge / Full RB



Date: 9.AUG.2024 05:52:21

Highest Band Edge / Full RB

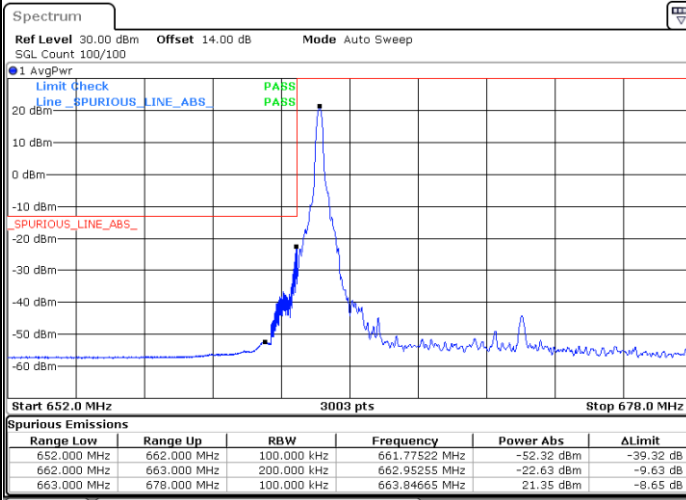


Date: 9.AUG.2024 06:02:32



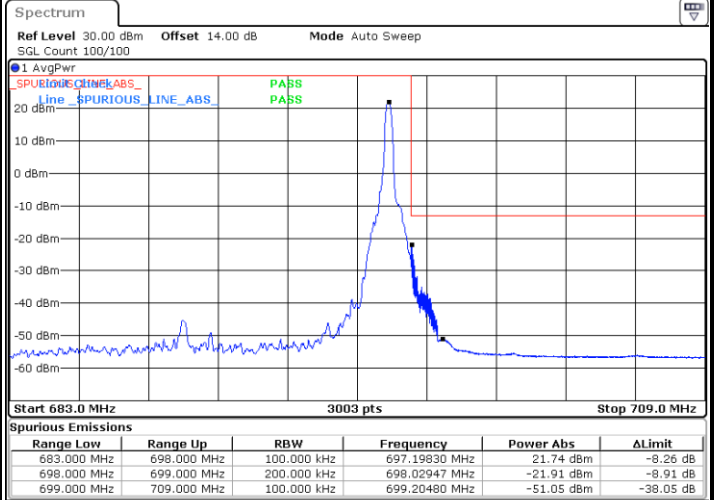
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



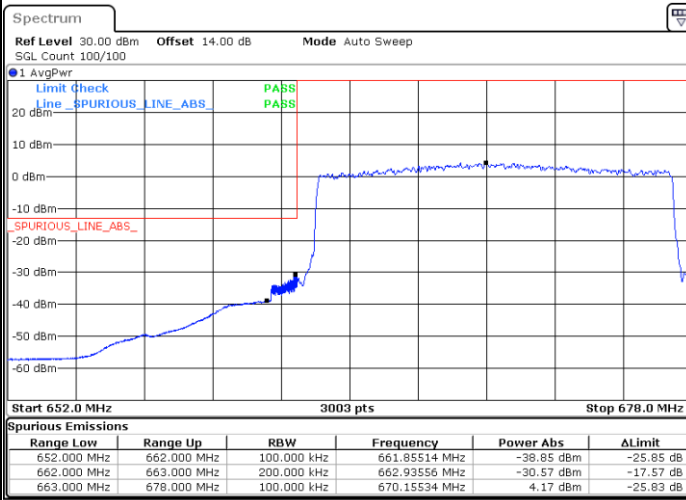
Date: 9.AUG.2024 06:05:28

Highest Band Edge / 1 RB



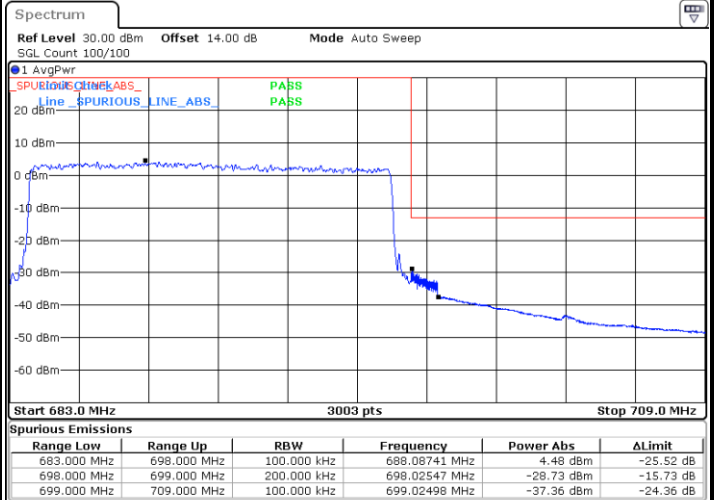
Date: 18.AUG.2024 18:56:21

Lowest Band Edge / Full RB



Date: 9.AUG.2024 06:08:32

Highest Band Edge / Full RB

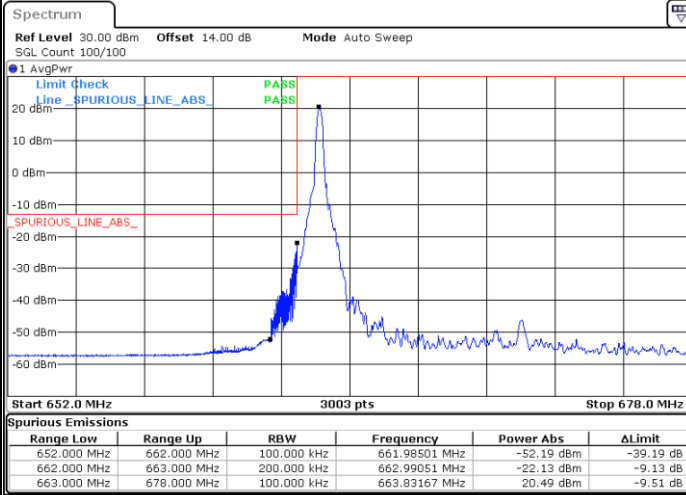


Date: 18.AUG.2024 18:58:50



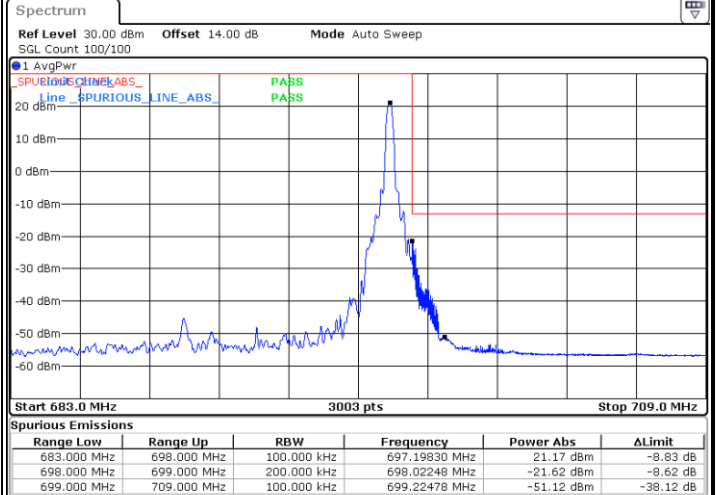
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1RB



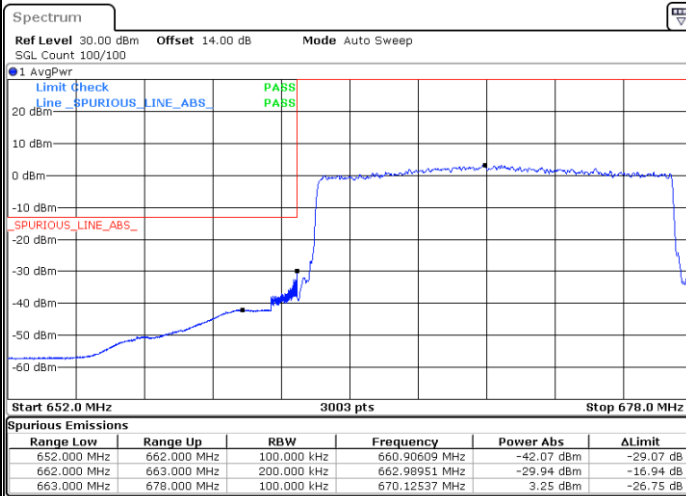
Date: 9.AUG.2024 06:06:34

Highest Band Edge / 1 RB



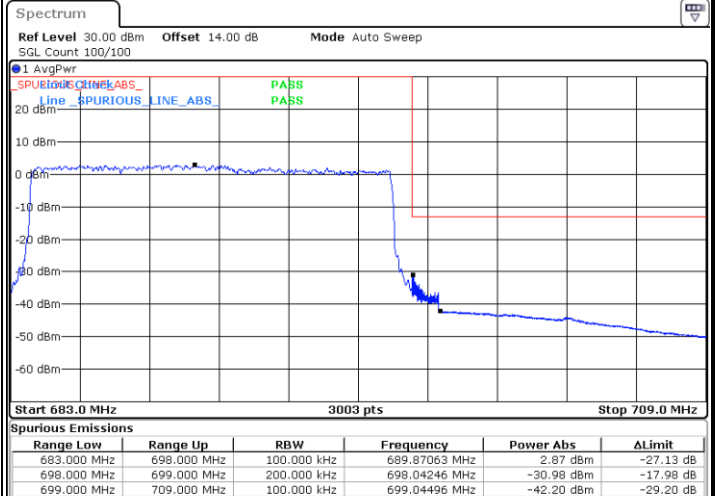
Date: 18.AUG.2024 18:57:10

Lowest Band Edge / Full RB



Date: 9.AUG.2024 06:09:23

Highest Band Edge / Full RB

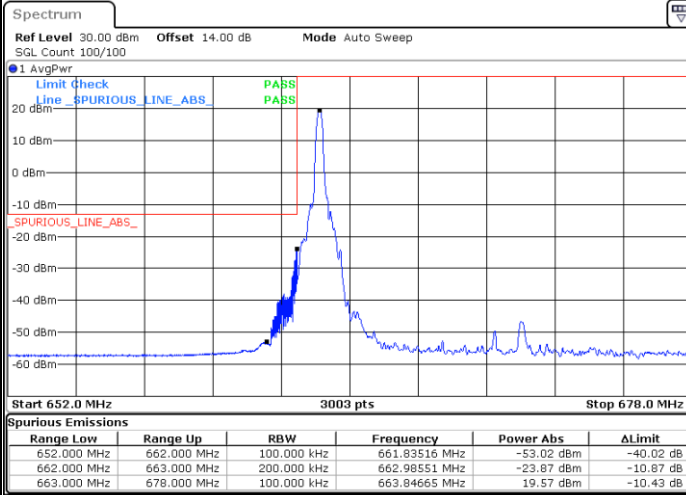


Date: 18.AUG.2024 18:59:40



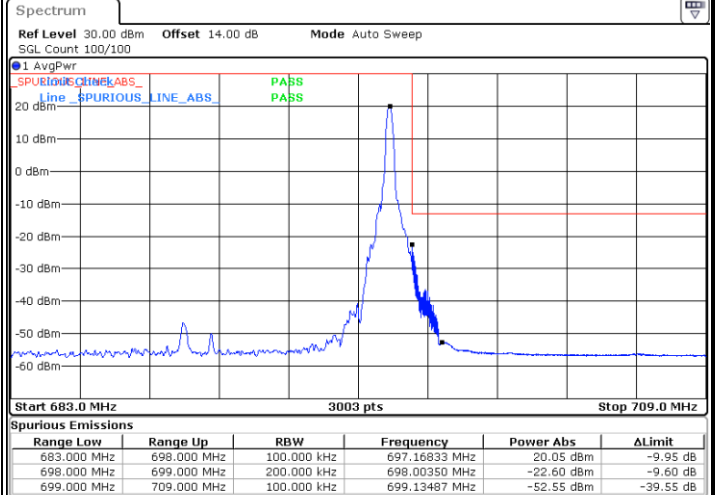
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1RB



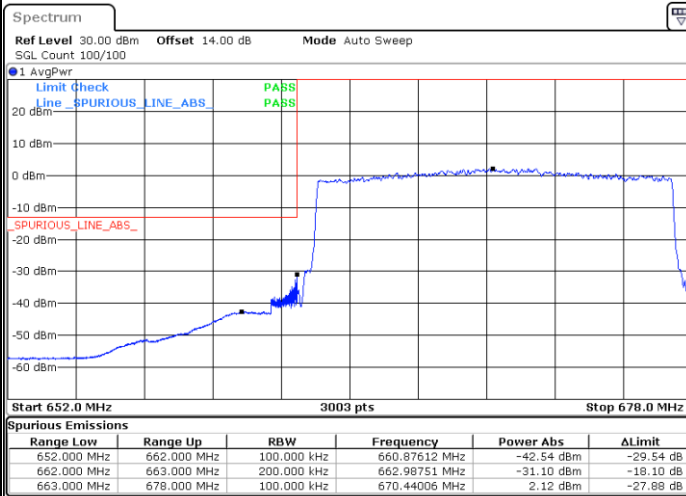
Date: 9.AUG.2024 06:07:25

Highest Band Edge / 1 RB



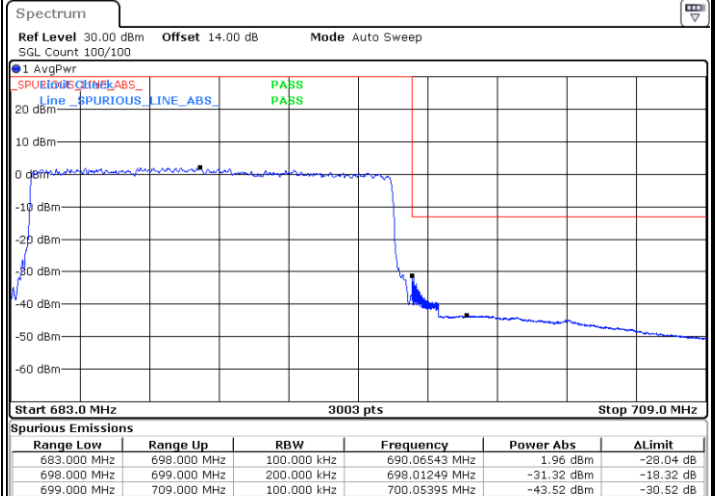
Date: 18.AUG.2024 18:58:00

Lowest Band Edge / Full RB



Date: 9.AUG.2024 06:10:30

Highest Band Edge / Full RB

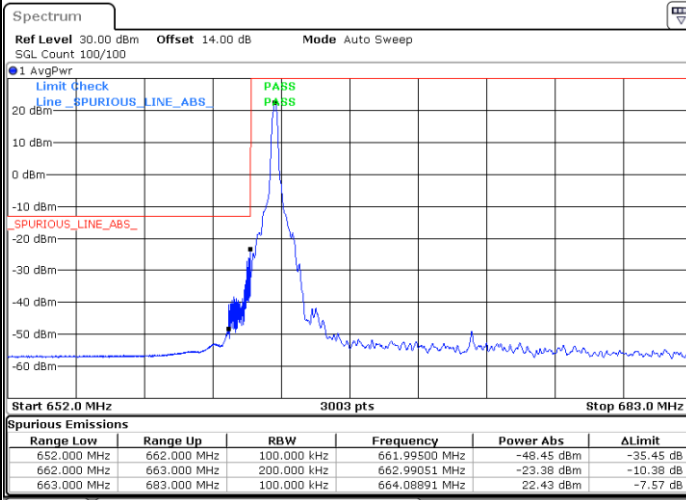


Date: 18.AUG.2024 19:00:29



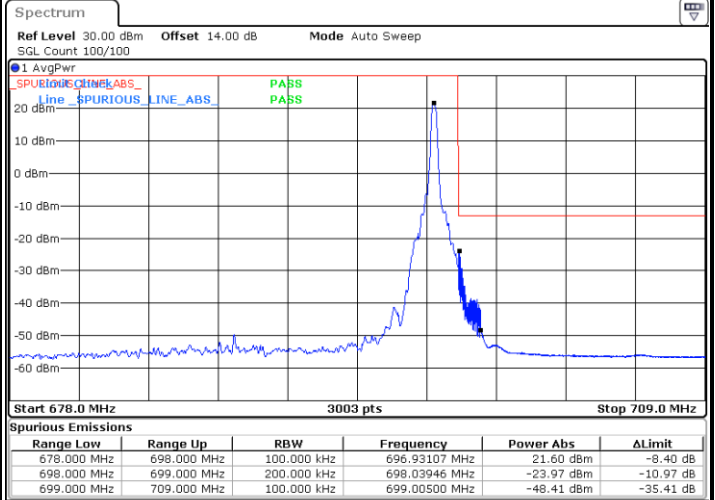
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



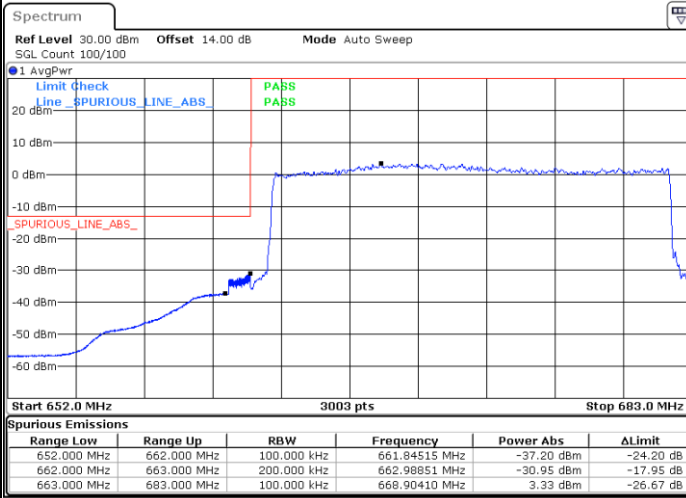
Date: 18.AUG.2024 19:03:00

Highest Band Edge / 1 RB



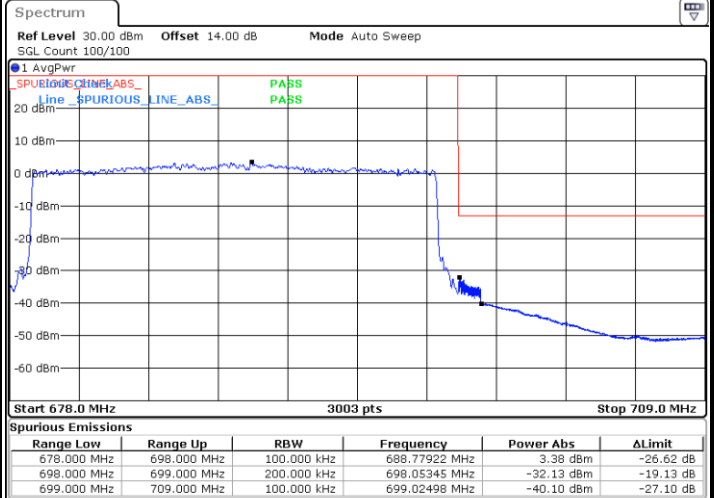
Date: 18.AUG.2024 19:12:31

Lowest Band Edge / Full RB



Date: 18.AUG.2024 19:05:26

Highest Band Edge / Full RB

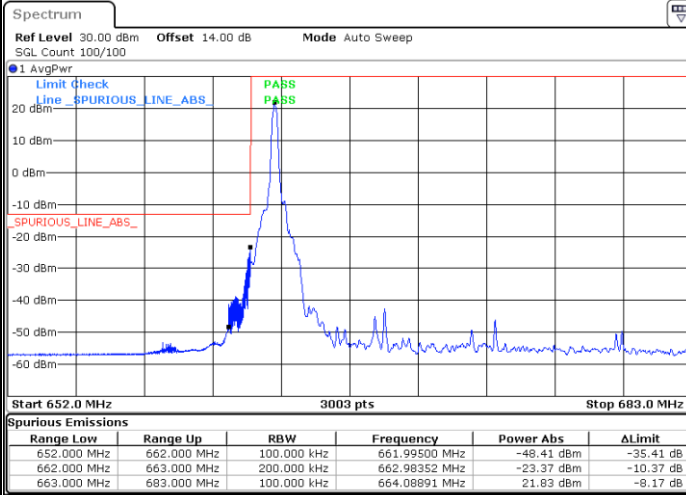


Date: 18.AUG.2024 19:15:00



LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB



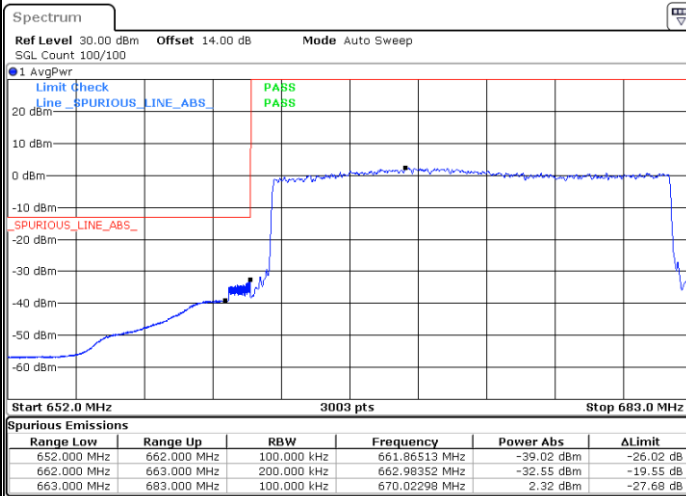
Date: 18.AUG.2024 19:03:49

Highest Band Edge / 1 RB



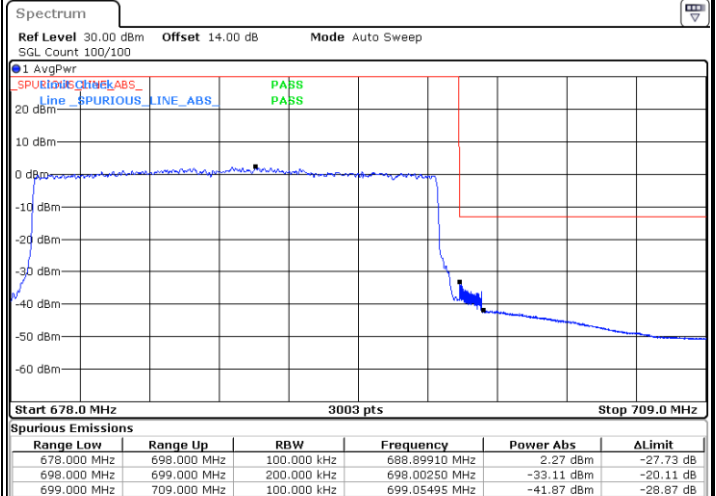
Date: 18.AUG.2024 19:13:20

Lowest Band Edge / Full RB



Date: 18.AUG.2024 19:06:15

Highest Band Edge / Full RB

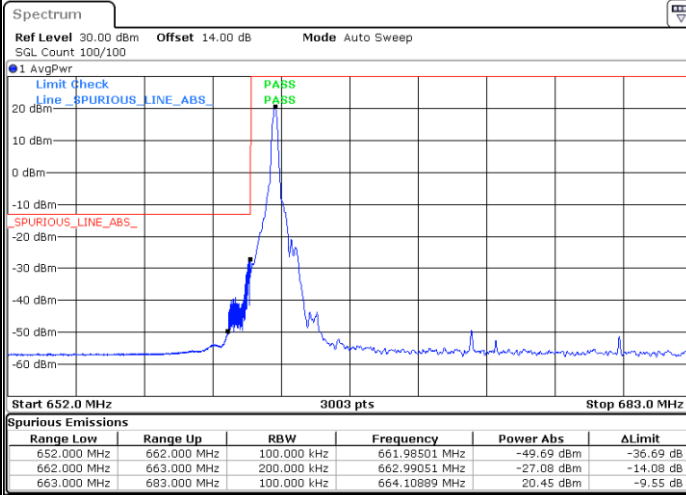


Date: 18.AUG.2024 19:15:49



LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1RB



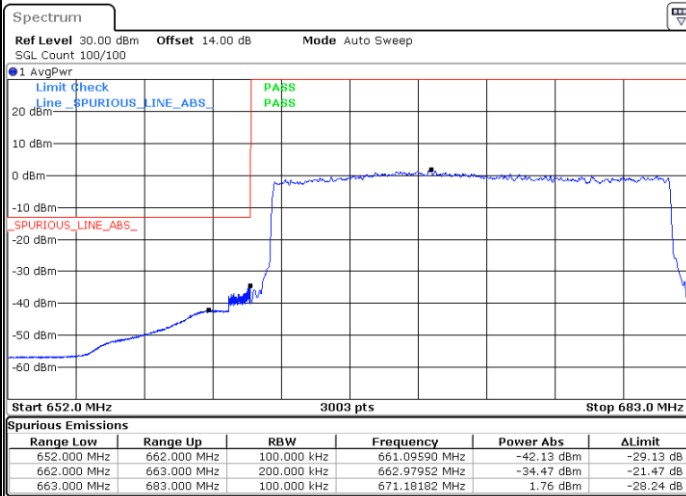
Date: 18.AUG.2024 19:04:38

Highest Band Edge / 1 RB



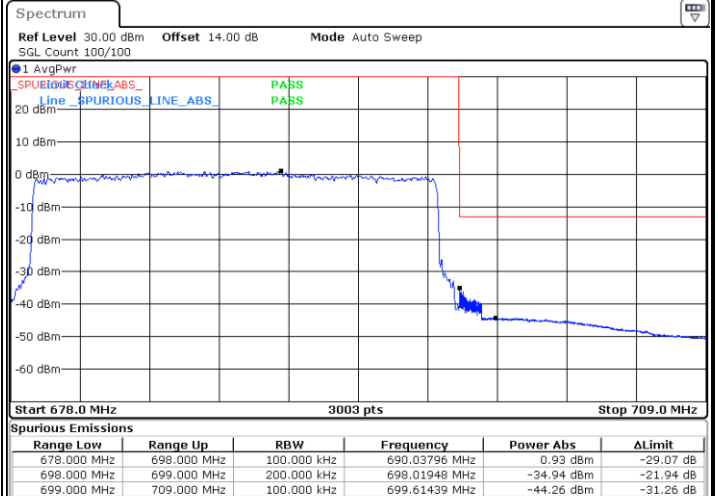
Date: 18.AUG.2024 19:14:10

Lowest Band Edge / Full RB



Date: 18.AUG.2024 19:07:04

Highest Band Edge / Full RB



Date: 18.AUG.2024 19:16:39

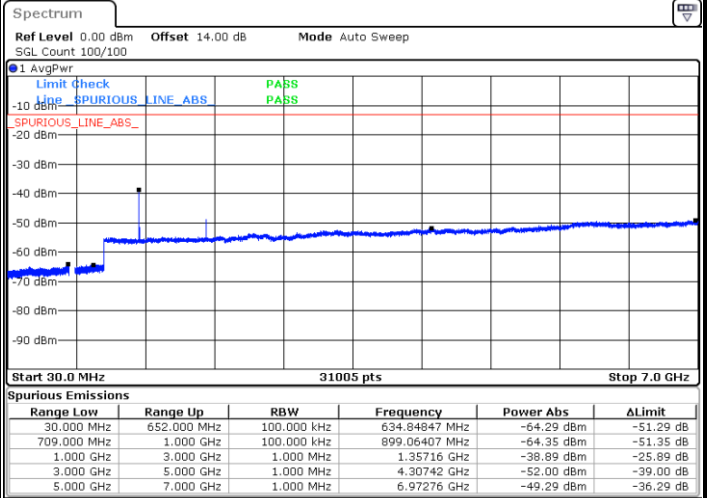
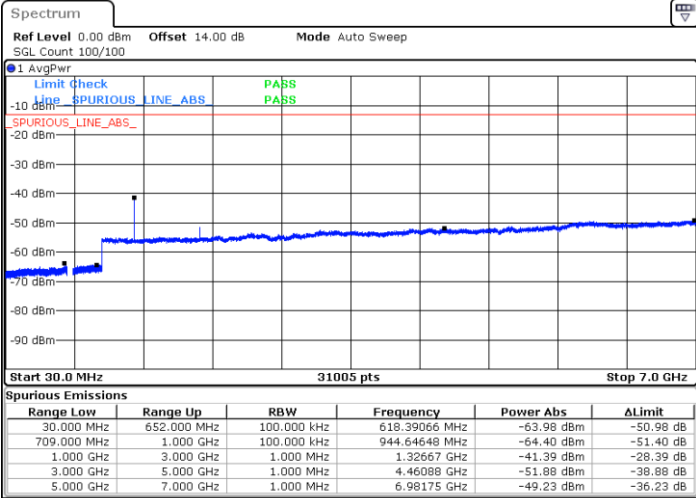


Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

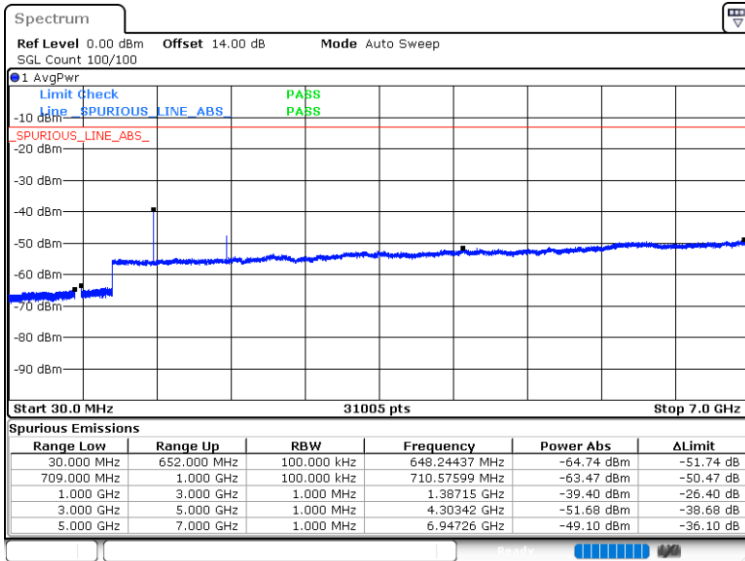
Middle Channel / QPSK



Date: 9.AUG.2024 05:35:18

Date: 9.AUG.2024 05:36:39

Highest Channel / QPSK



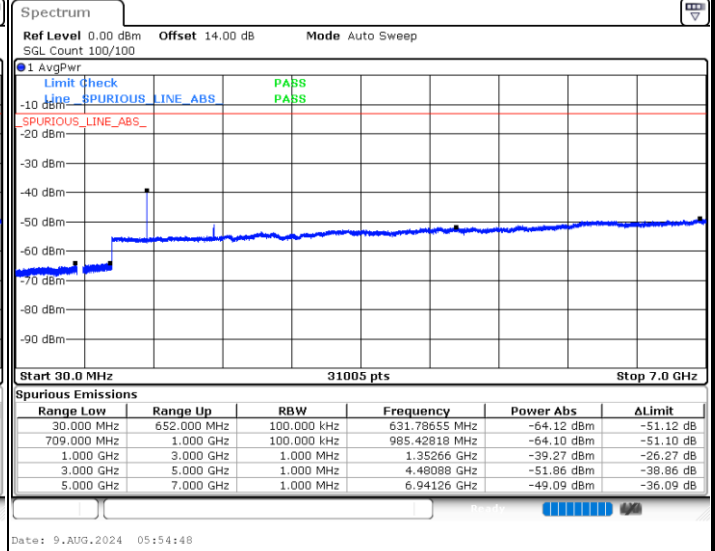
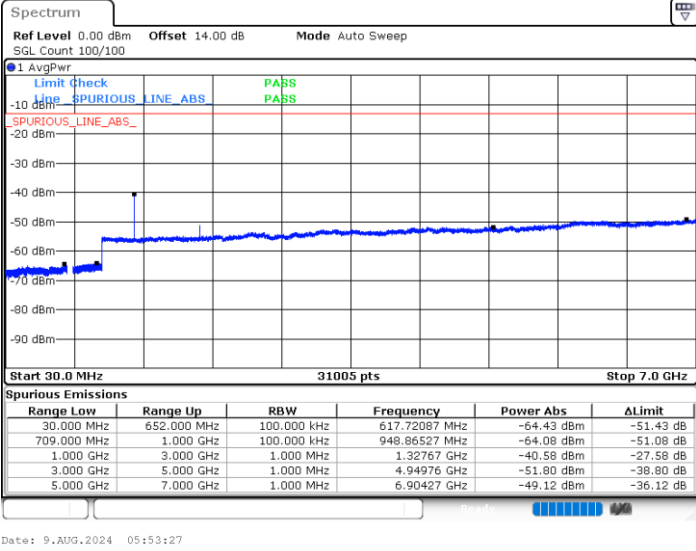
Date: 9.AUG.2024 05:45:29



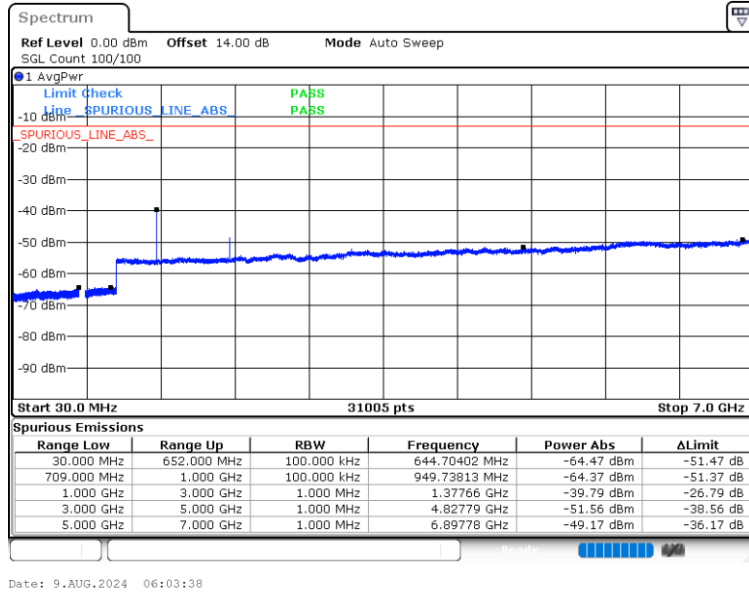
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

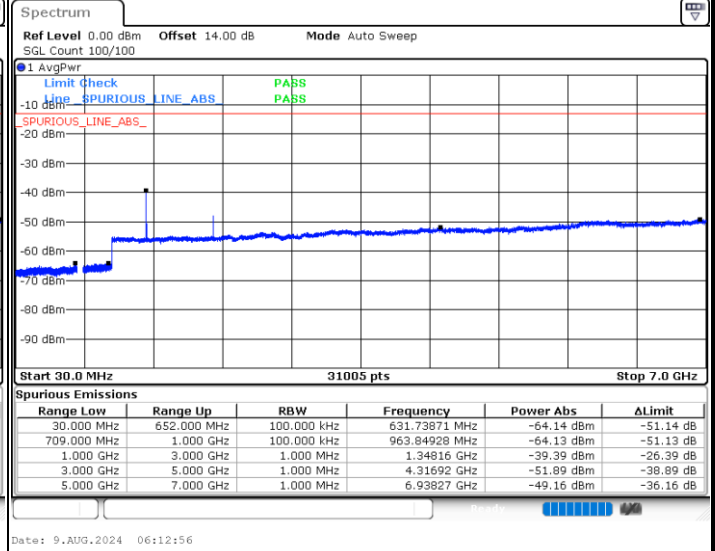
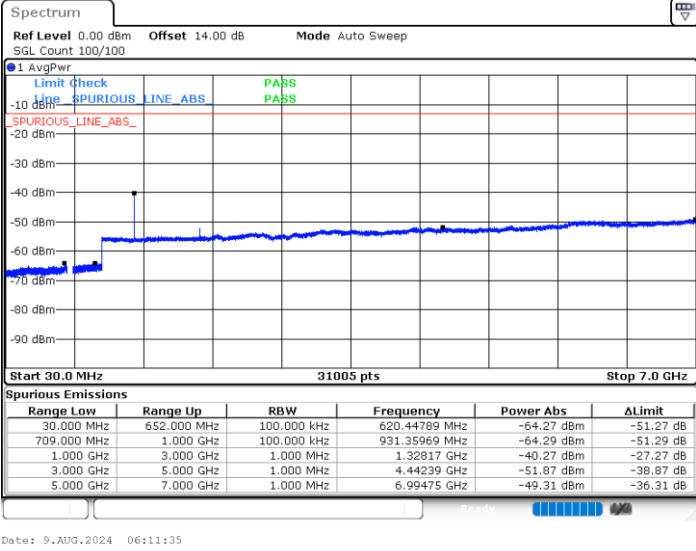




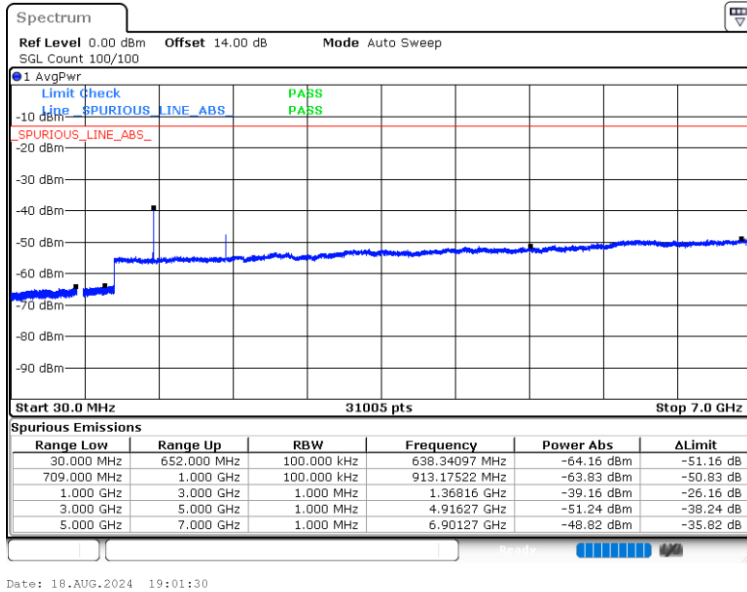
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



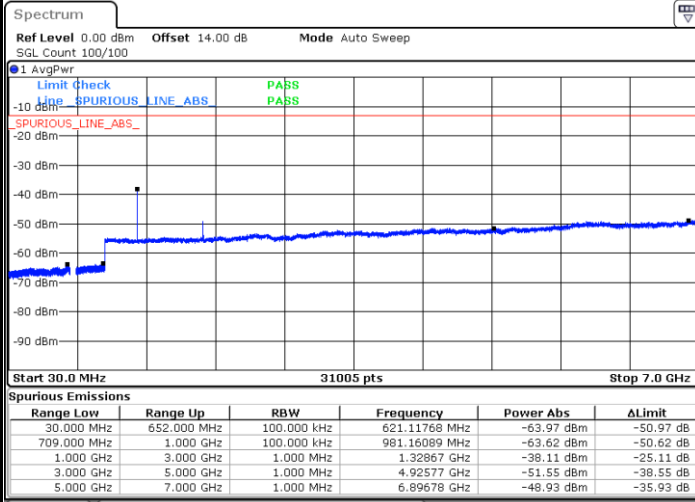
Highest Channel / QPSK





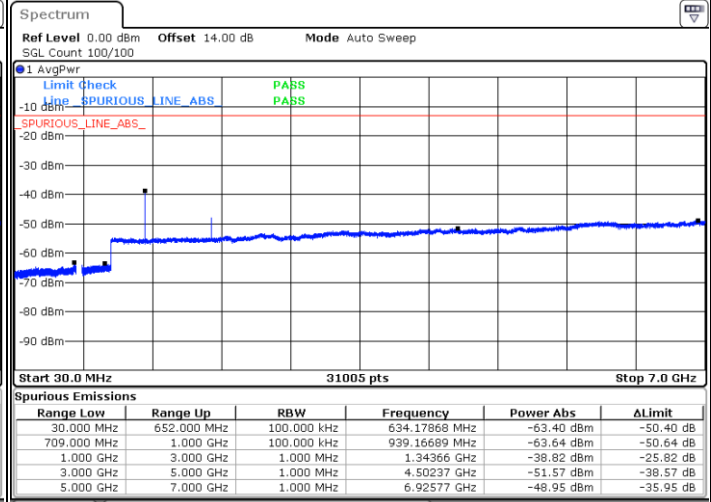
LTE Band 71 / 20MHz

Lowest Channel / QPSK



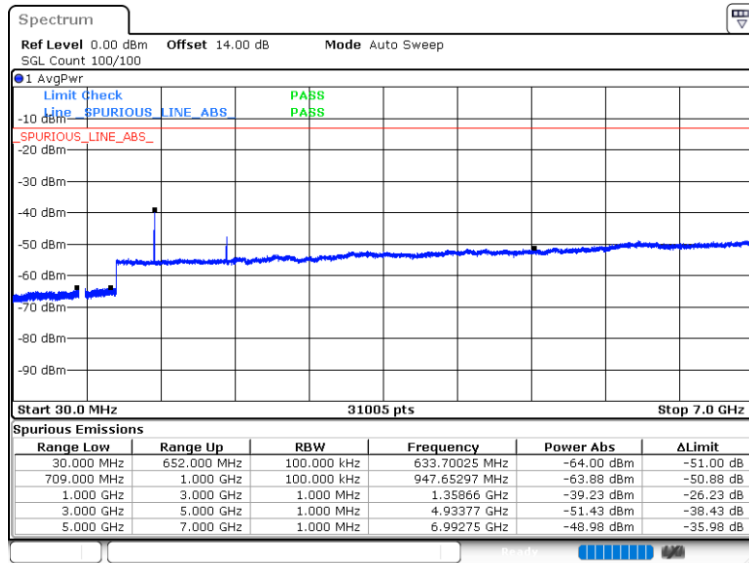
Date: 18.AUG.2024 19:08:04

Middle Channel / QPSK



Date: 18.AUG.2024 19:09:03

Highest Channel / QPSK



Date: 18.AUG.2024 19:17:39



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0003	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.3 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.17	8.22	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.60	19.58	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.18	8.18	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.54	19.86	-