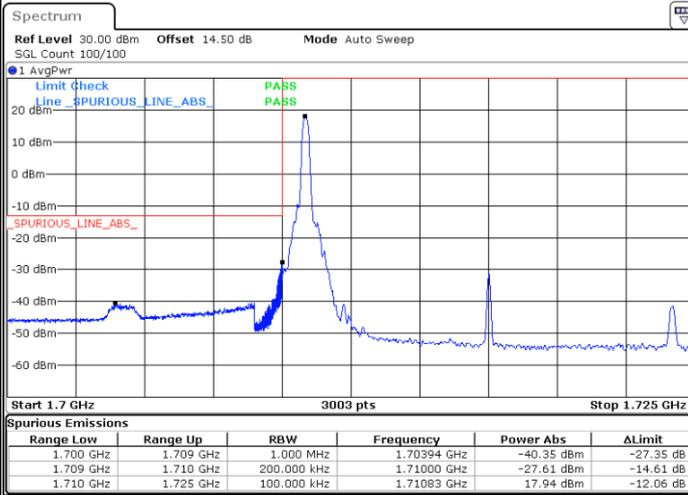




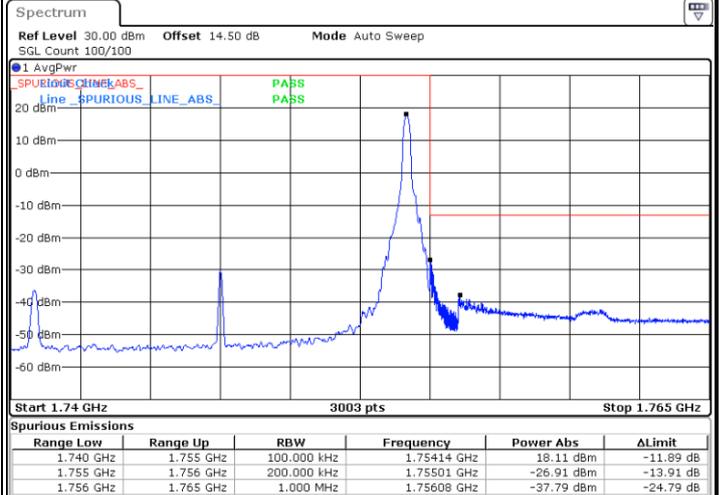
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



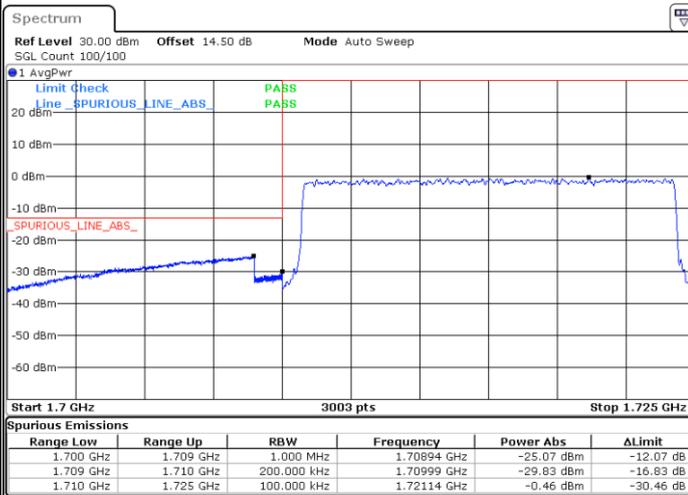
Date: 16.AUG.2024 15:53:54

Highest Band Edge / 1 RB



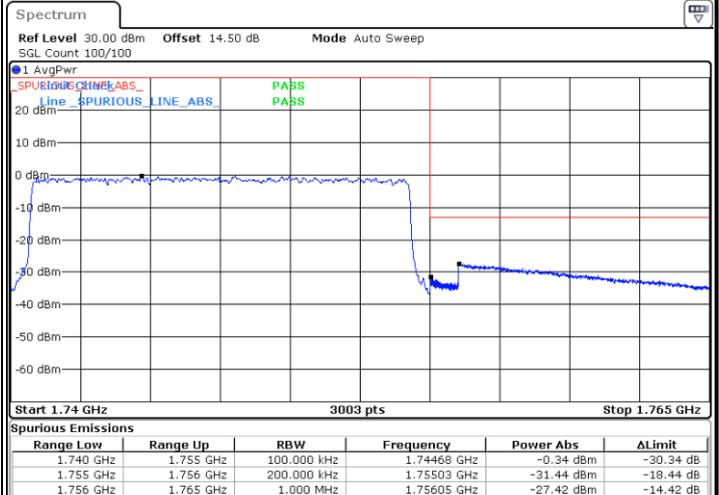
Date: 16.AUG.2024 16:02:36

Lowest Band Edge / Full RB



Date: 16.AUG.2024 15:56:26

Highest Band Edge / Full RB

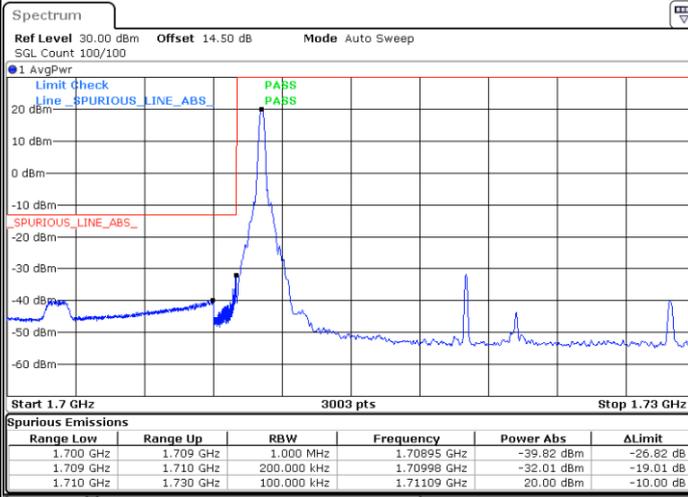


Date: 16.AUG.2024 16:05:08



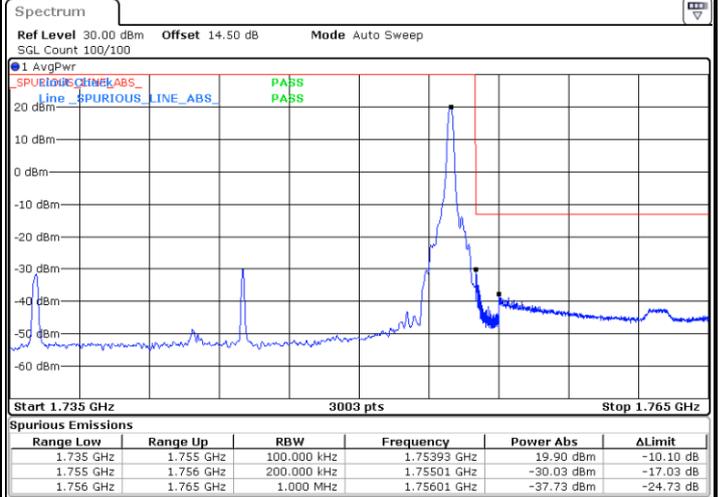
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1RB



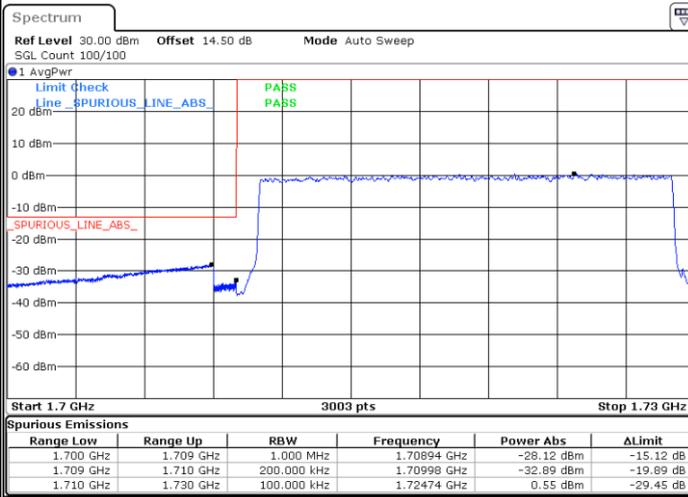
Date: 16.AUG.2024 16:07:52

Highest Band Edge / 1RB



Date: 16.AUG.2024 16:17:53

Lowest Band Edge / Full RB



Date: 16.AUG.2024 16:10:24

Highest Band Edge / Full RB

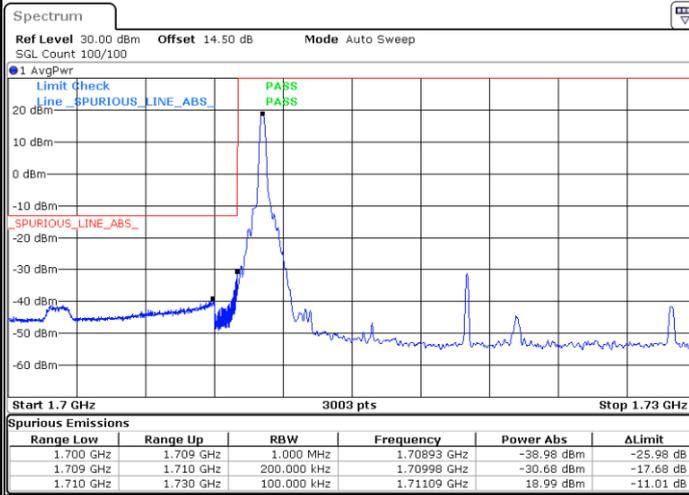


Date: 16.AUG.2024 16:20:26



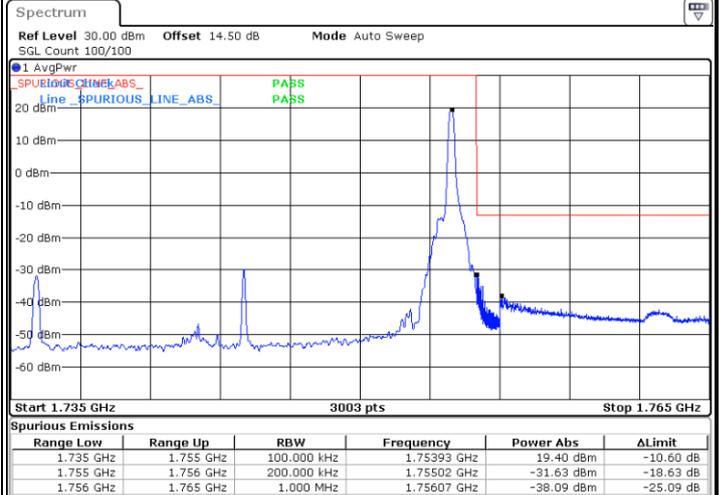
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



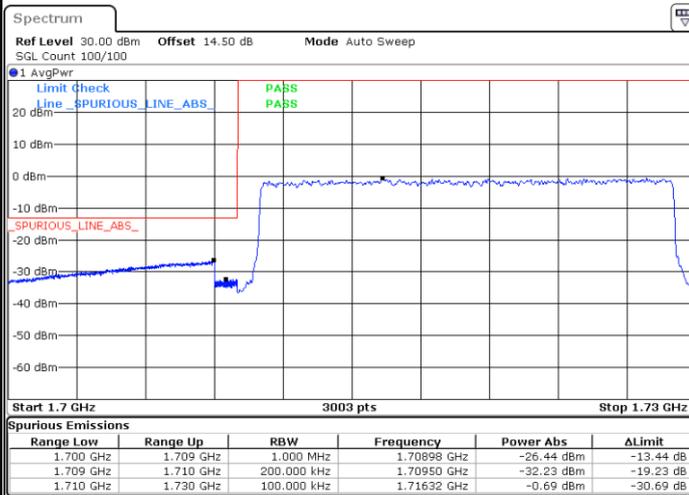
Date: 16.AUG.2024 16:08:42

Highest Band Edge / 1 RB



Date: 16.AUG.2024 16:18:44

Lowest Band Edge / Full RB



Date: 16.AUG.2024 16:11:15

Highest Band Edge / Full RB

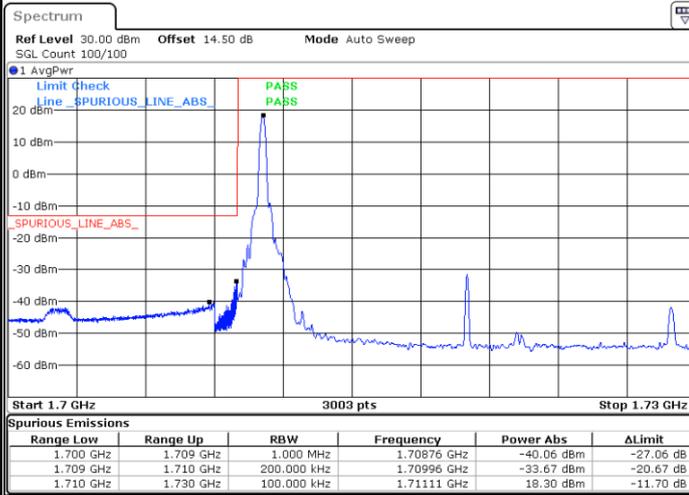


Date: 16.AUG.2024 16:21:16



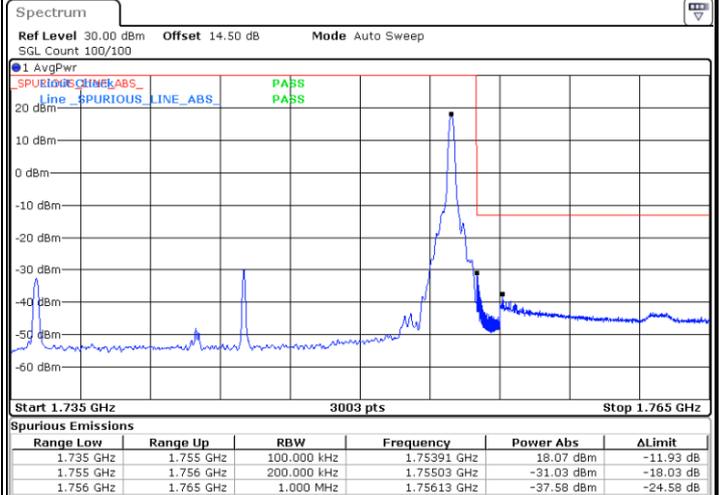
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



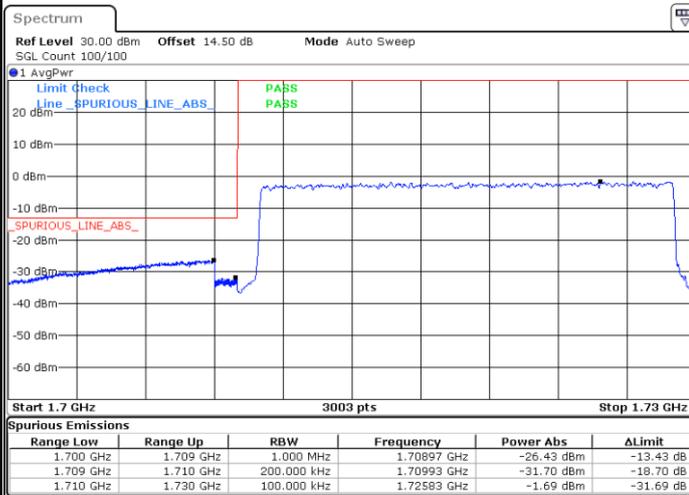
Date: 16.AUG.2024 16:09:33

Highest Band Edge / 1 RB



Date: 16.AUG.2024 16:19:35

Lowest Band Edge / Full RB



Date: 16.AUG.2024 16:12:05

Highest Band Edge / Full RB



Date: 16.AUG.2024 16:22:07

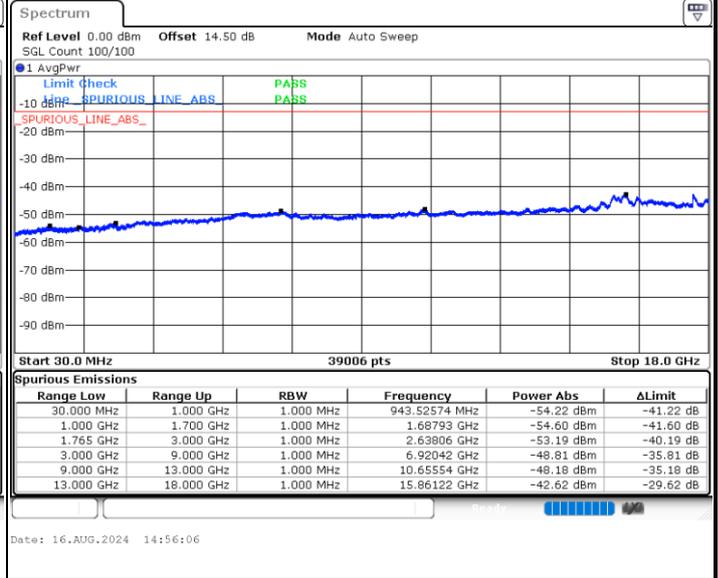
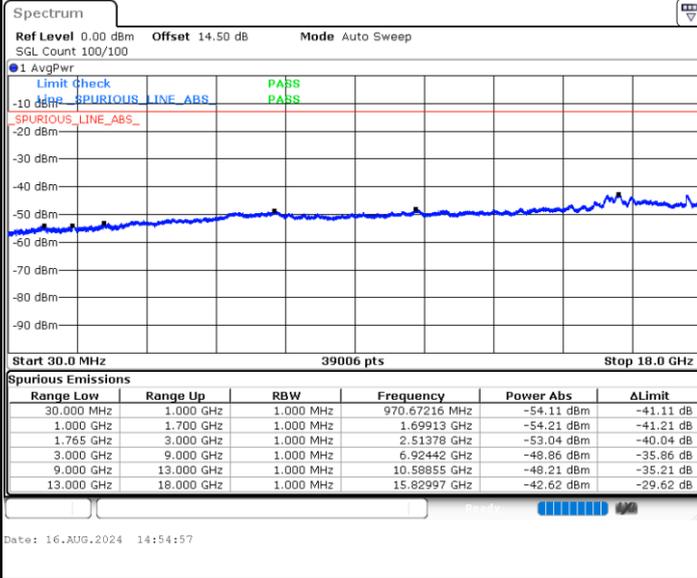


Conducted Spurious Emission

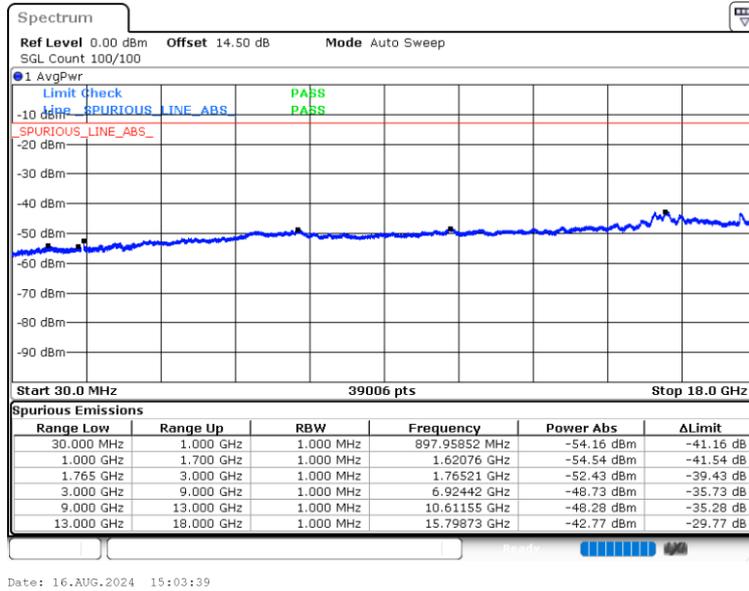
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

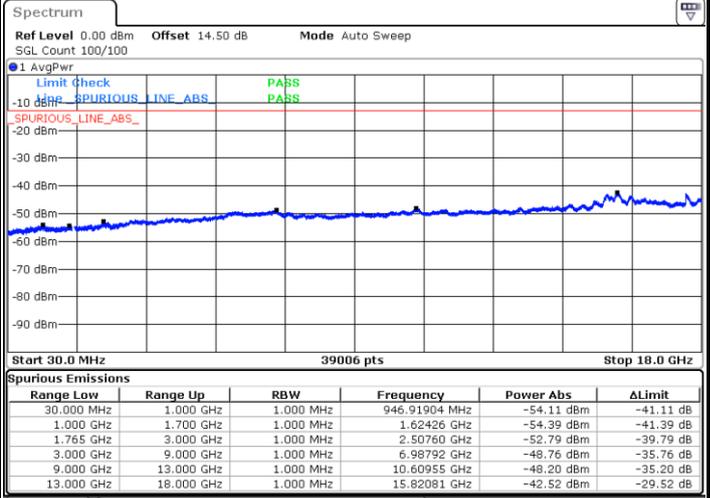
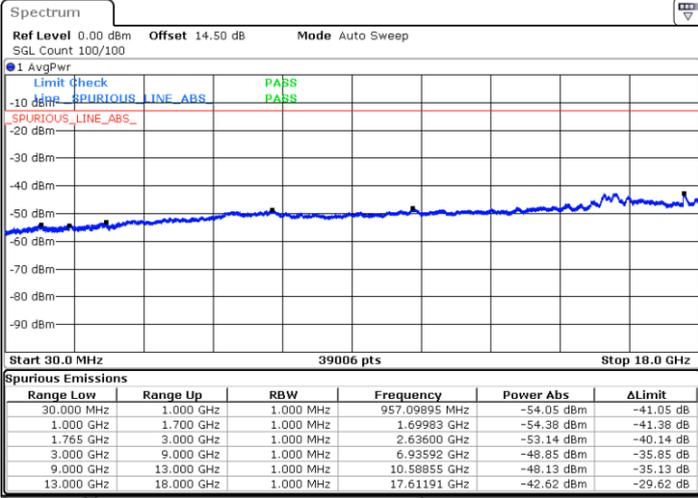




LTE Band 4 / 3MHz

Lowest Channel / QPSK

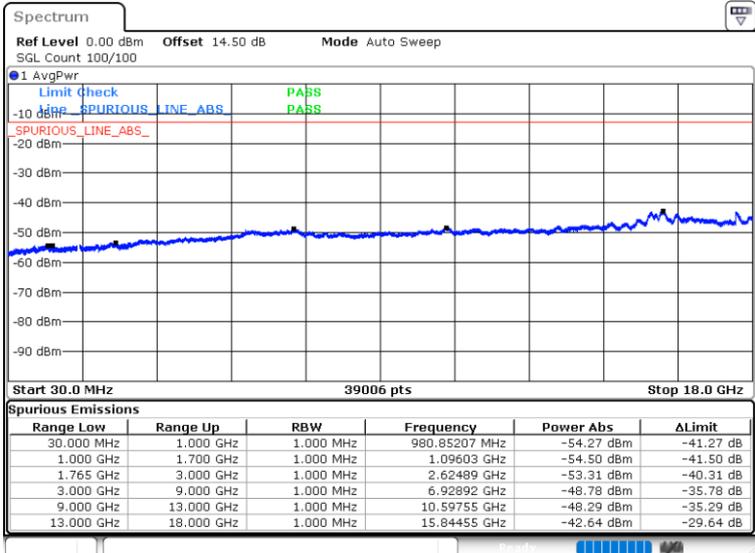
Middle Channel / QPSK



Date: 16.AUG.2024 15:10:36

Date: 16.AUG.2024 15:11:46

Highest Channel / QPSK



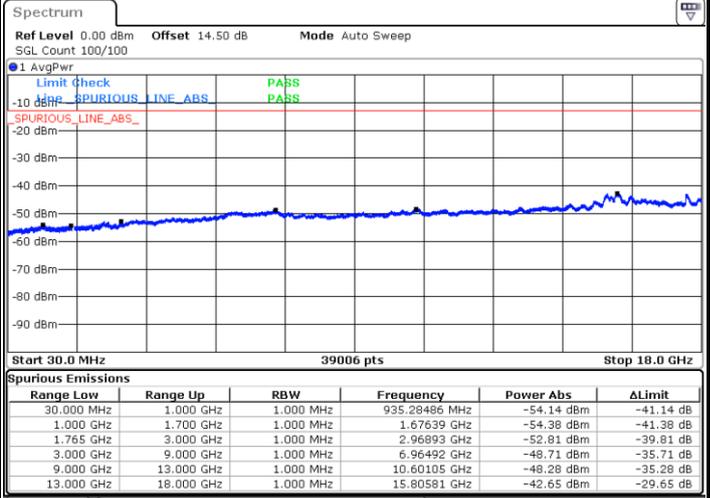
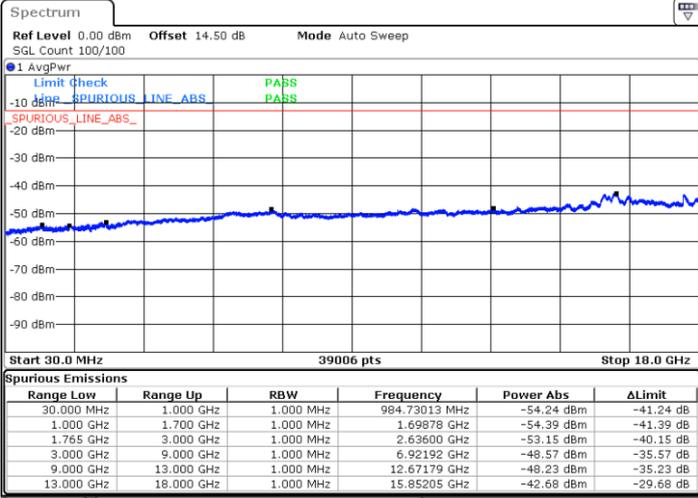
Date: 16.AUG.2024 15:19:20



LTE Band 4 / 5MHz

Lowest Channel / QPSK

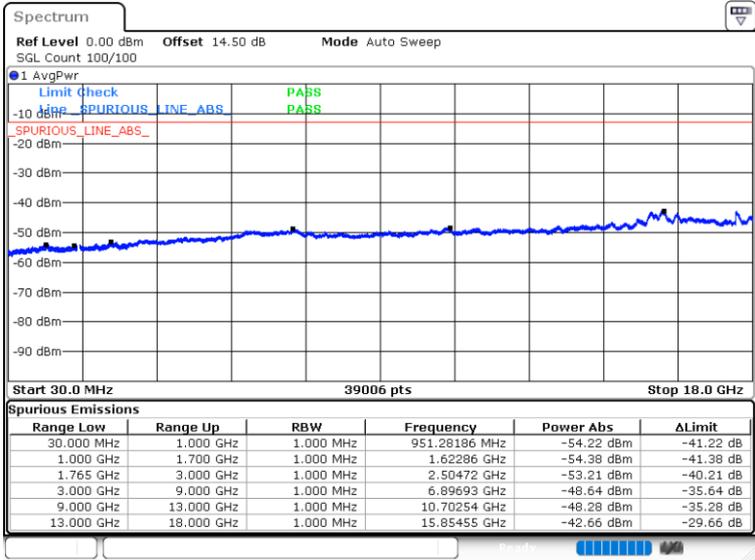
Middle Channel / QPSK



Date: 16.AUG.2024 15:26:17

Date: 16.AUG.2024 15:27:27

Highest Channel / QPSK

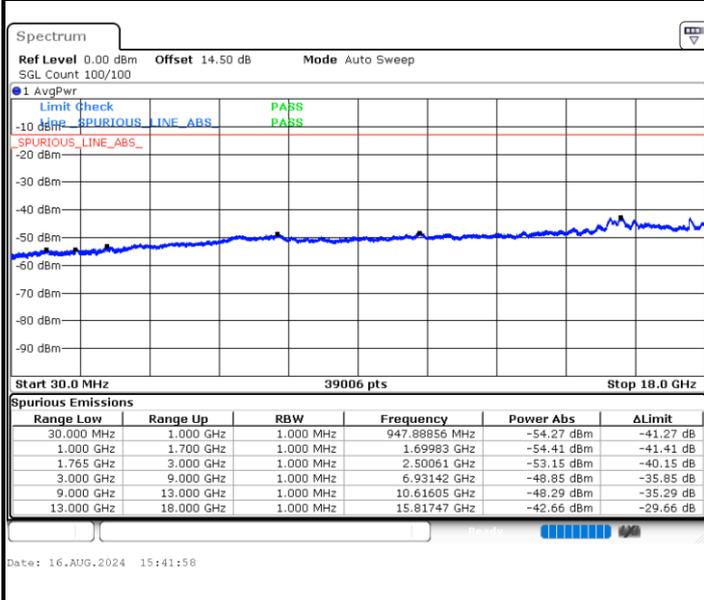


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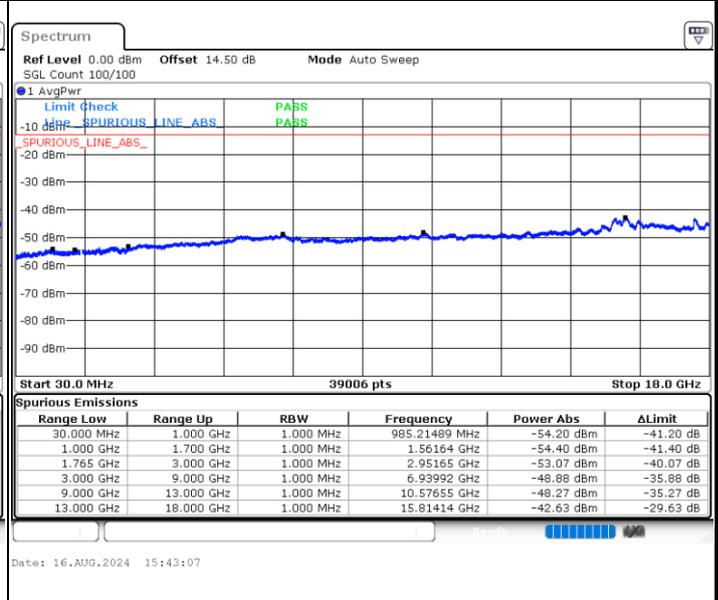


LTE Band 4 / 10MHz

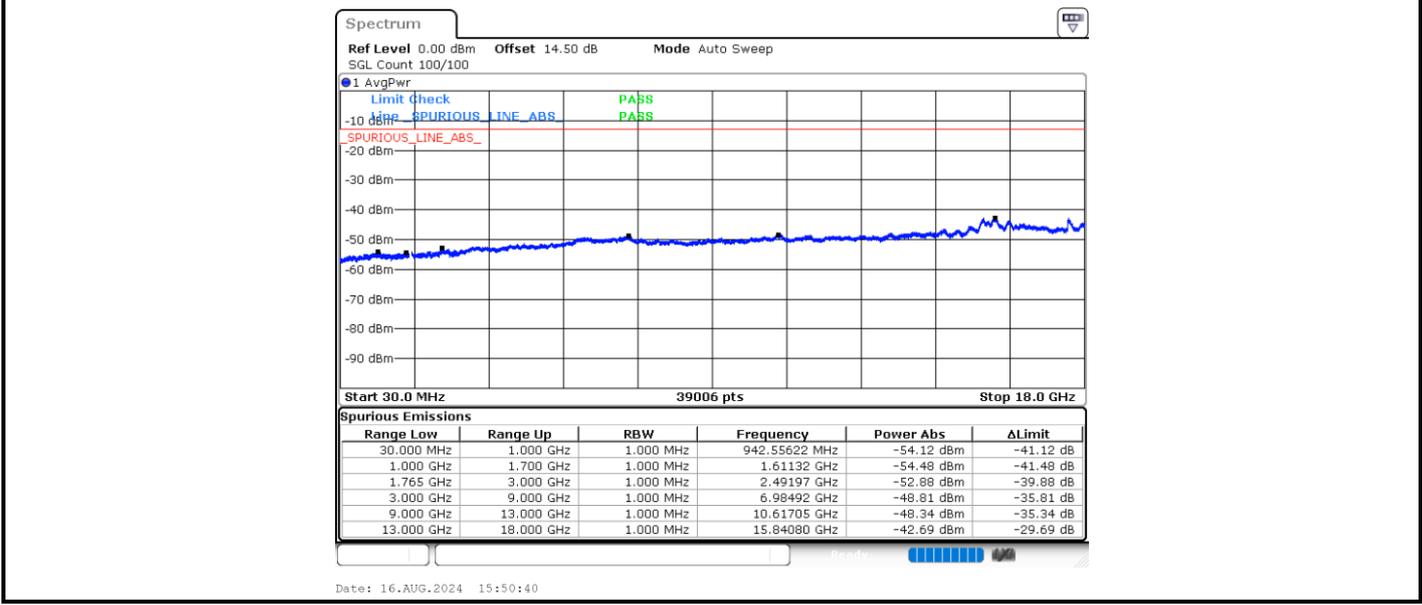
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

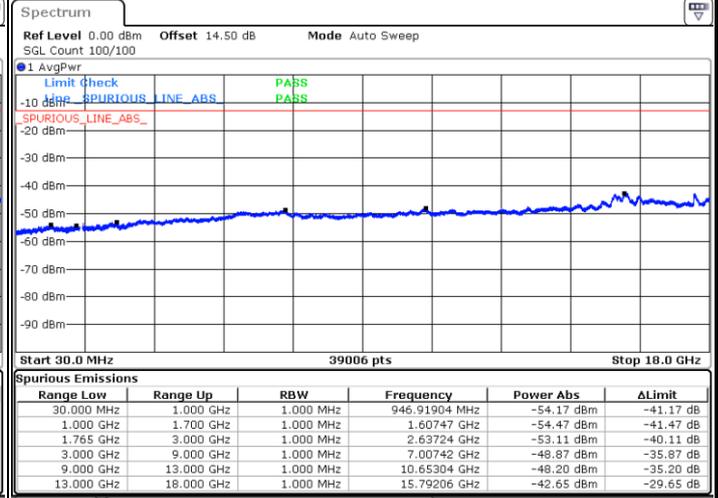
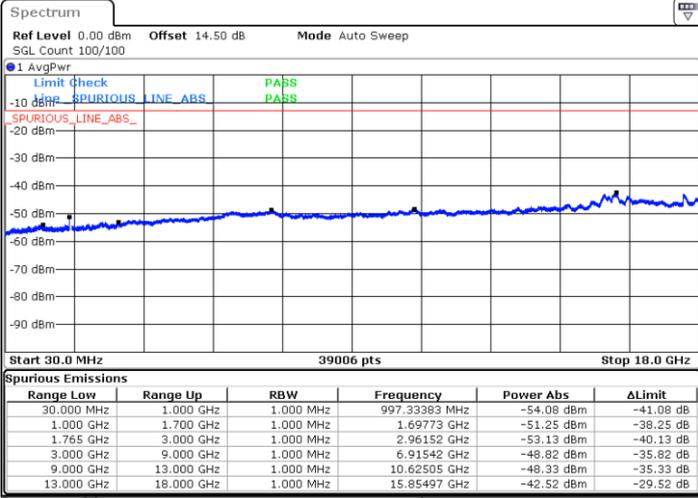




LTE Band 4 / 15MHz

Lowest Channel / QPSK

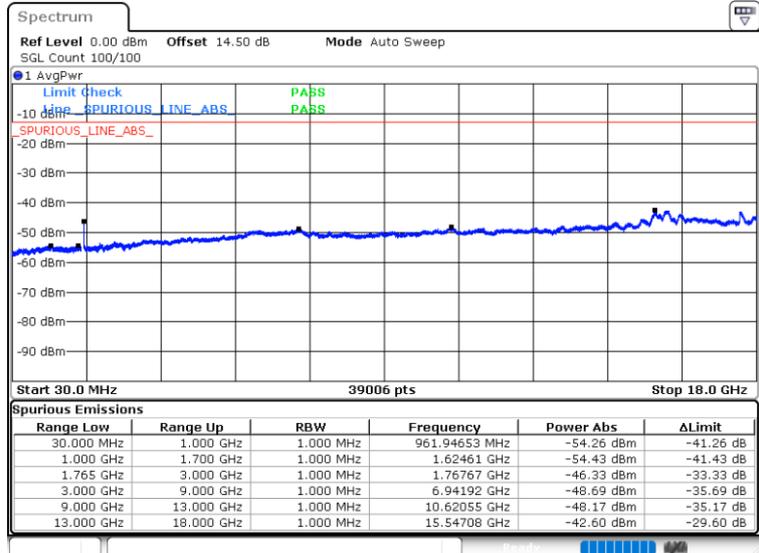
Middle Channel / QPSK



Date: 16.AUG.2024 15:57:37

Date: 16.AUG.2024 15:58:46

Highest Channel / QPSK



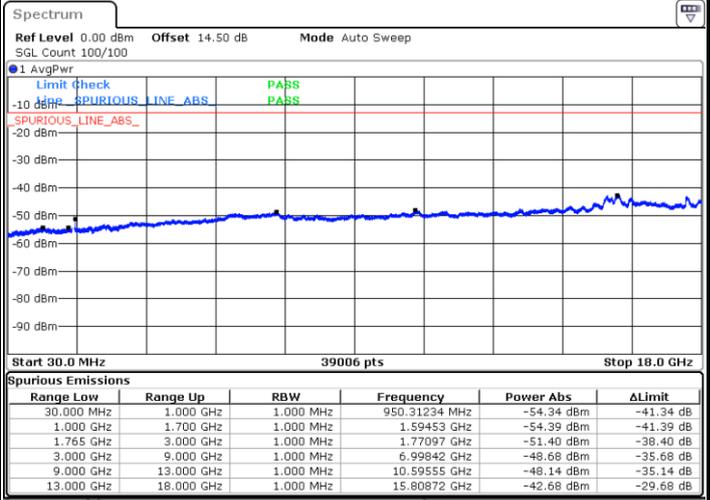
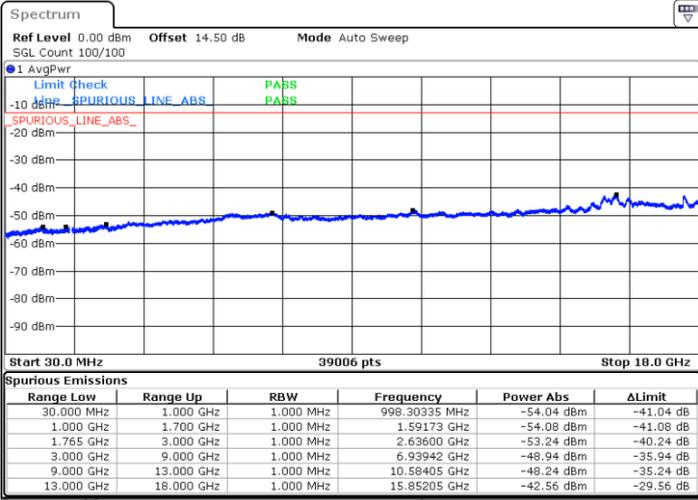
Date: 16.AUG.2024 16:06:18



LTE Band 4 / 20MHz

Lowest Channel / QPSK

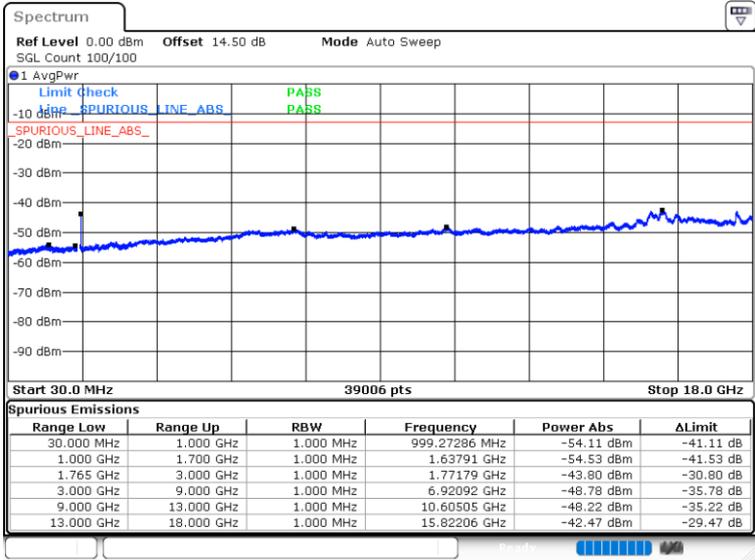
Middle Channel / QPSK



Date: 16.AUG.2024 16:13:16

Date: 16.AUG.2024 16:14:25

Highest Channel / QPSK



Date: 16.AUG.2024 16:23:17



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0095	PASS
40	Normal Voltage	0.0111	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0089	
-10	Normal Voltage	0.0093	
-20	Normal Voltage	0.0071	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

Note:

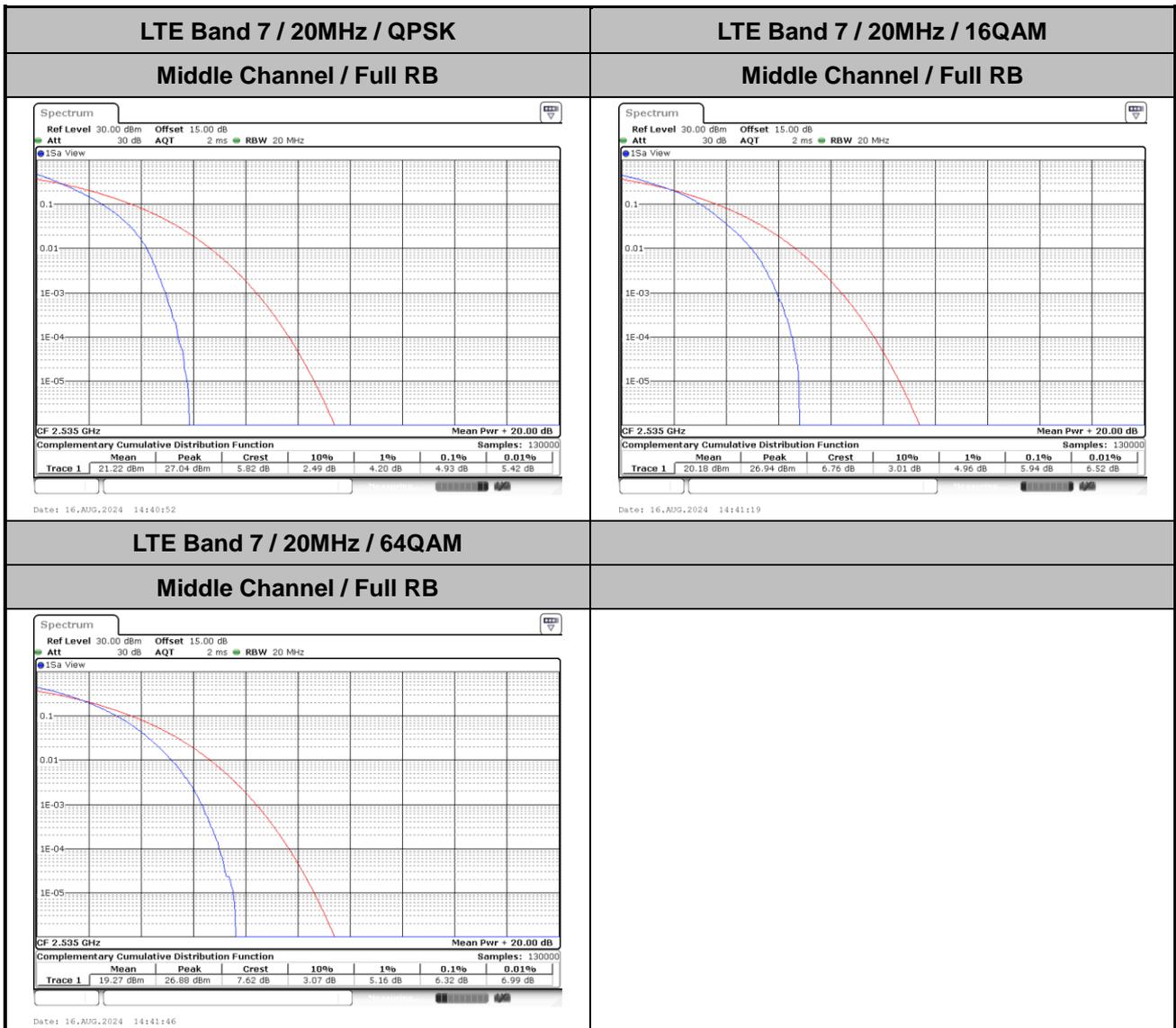
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

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	4.93	5.94	6.32	PASS



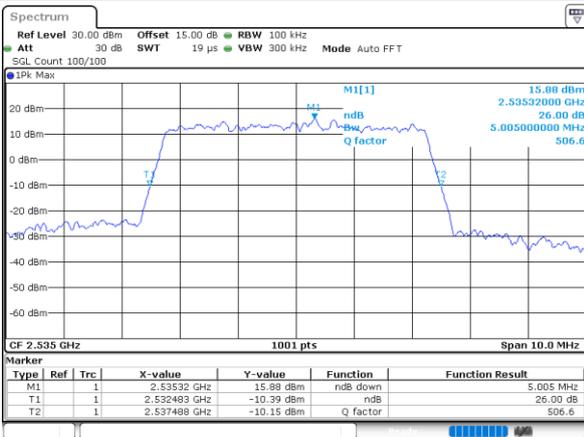


26dB Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	5.01	4.89	9.67	9.87	14.75	14.39	18.94	19.46

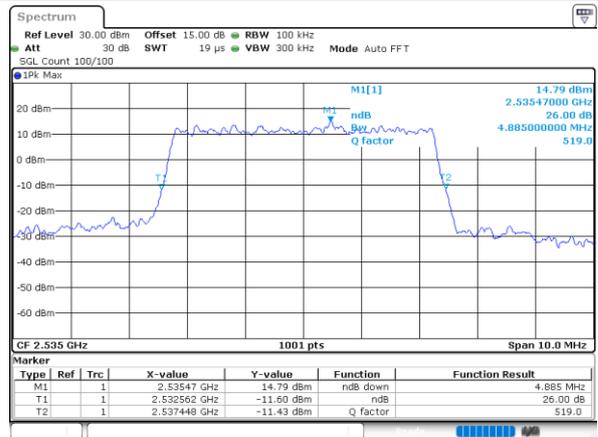
LTE Band 7

Middle Channel / 5MHz / QPSK



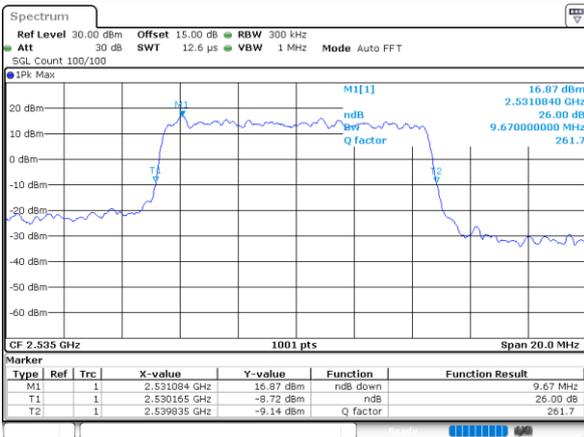
Date: 16_AUG_2024 13:52:14

Middle Channel / 5MHz / 16QAM



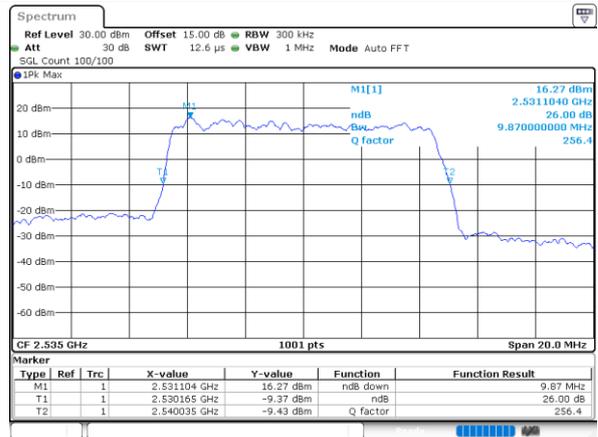
Date: 16_AUG_2024 13:53:24

Middle Channel / 10MHz / QPSK

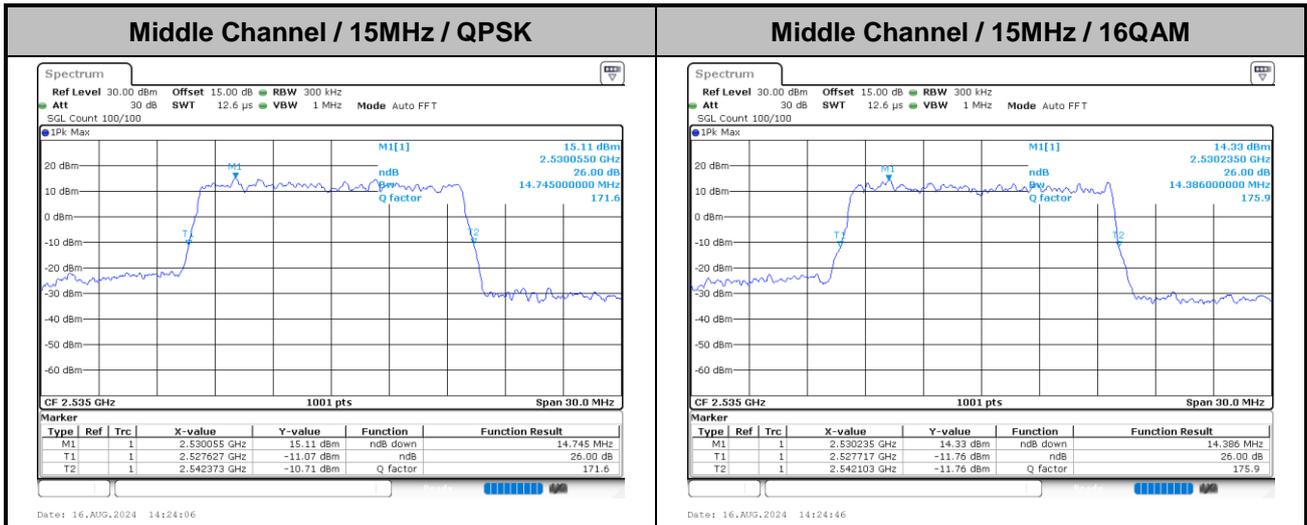


Date: 16_AUG_2024 14:08:25

Middle Channel / 10MHz / 16QAM



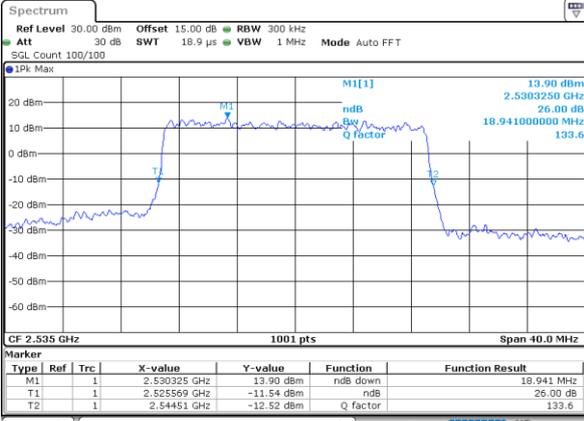
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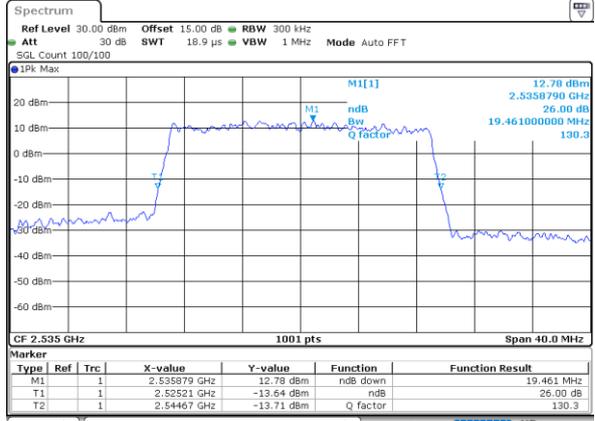
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 16, AUG, 2024 14:39:46

Middle Channel / 20MHz / 16QAM



Date: 16, AUG, 2024 14:40:26

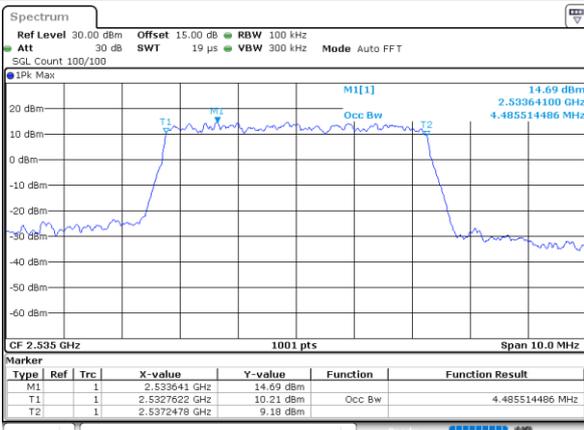


Occupied Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.49	4.49	8.99	8.97	13.43	13.40	17.78	17.90

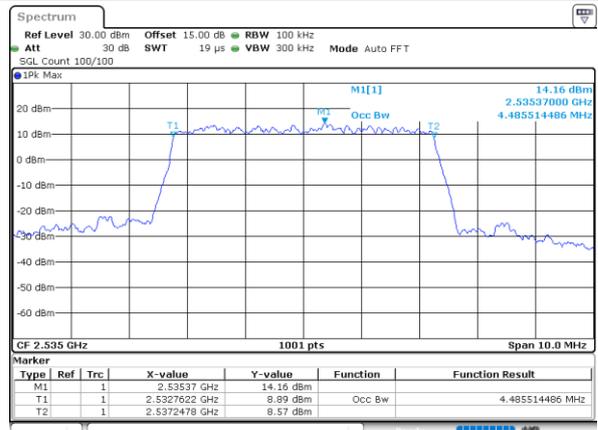
LTE Band 7

Middle Channel / 5MHz / QPSK



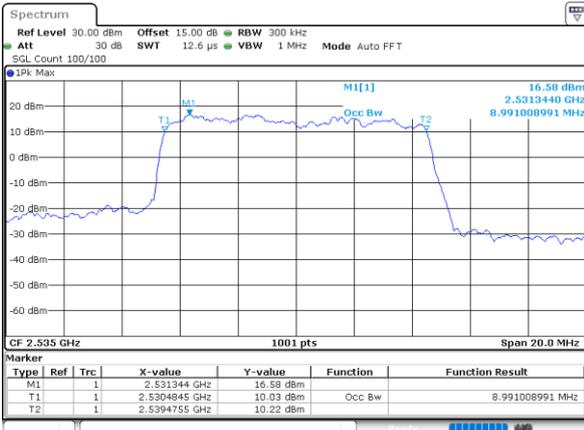
Date: 16_AUG.2024 13:52:30

Middle Channel / 5MHz / 16QAM



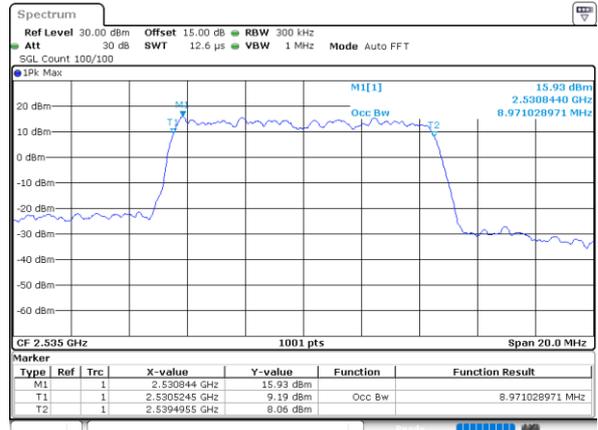
Date: 16_AUG.2024 13:53:10

Middle Channel / 10MHz / QPSK

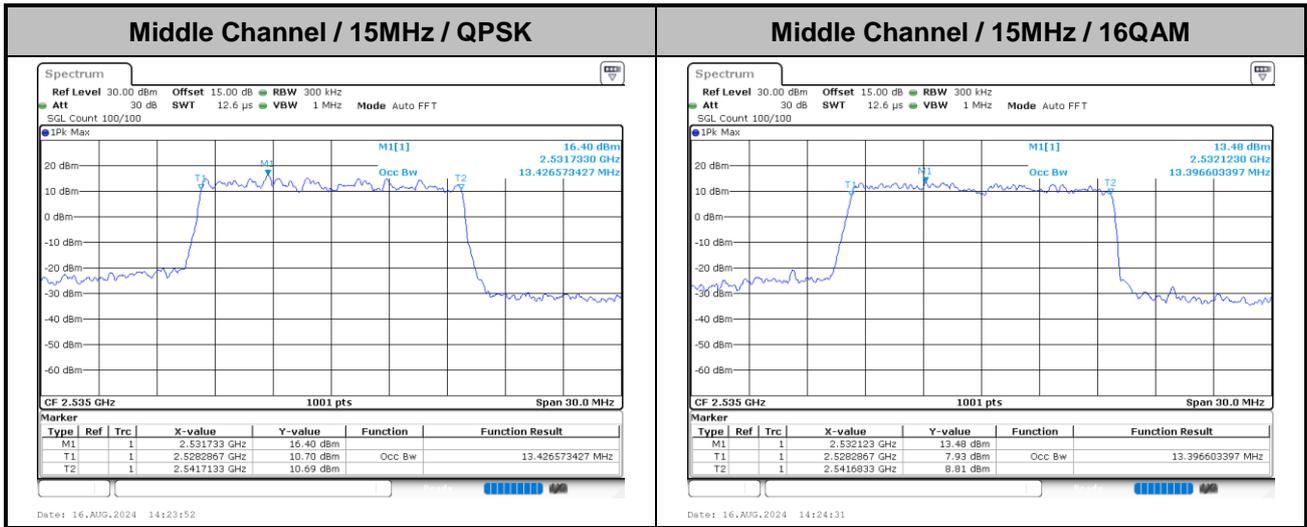


Date: 16_AUG.2024 14:08:11

Middle Channel / 10MHz / 16QAM



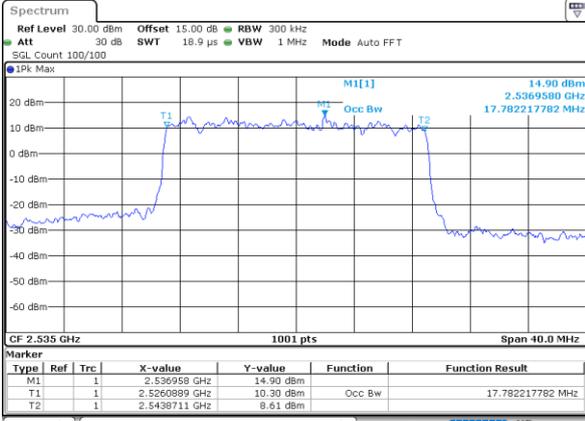
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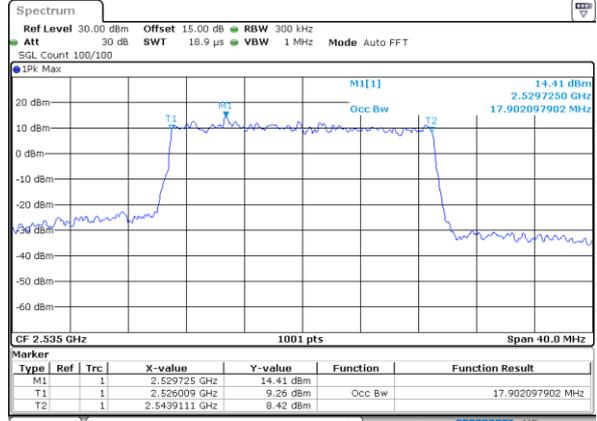
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 16.AUG.2024 14:39:32

Middle Channel / 20MHz / 16QAM



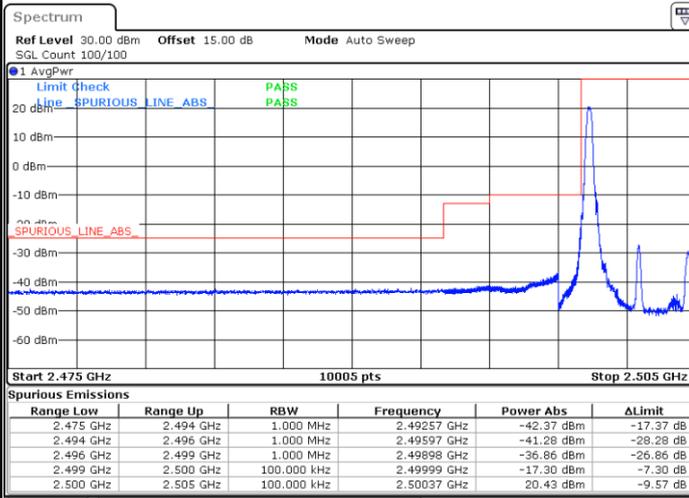
Date: 16.AUG.2024 14:40:12



Conducted Band Edge

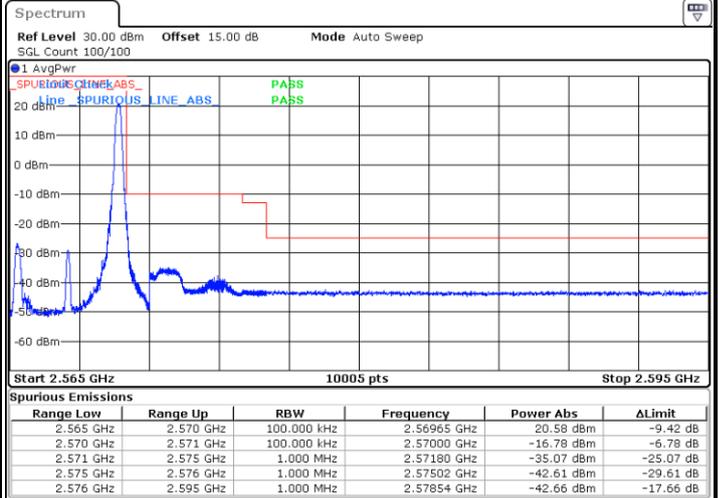
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



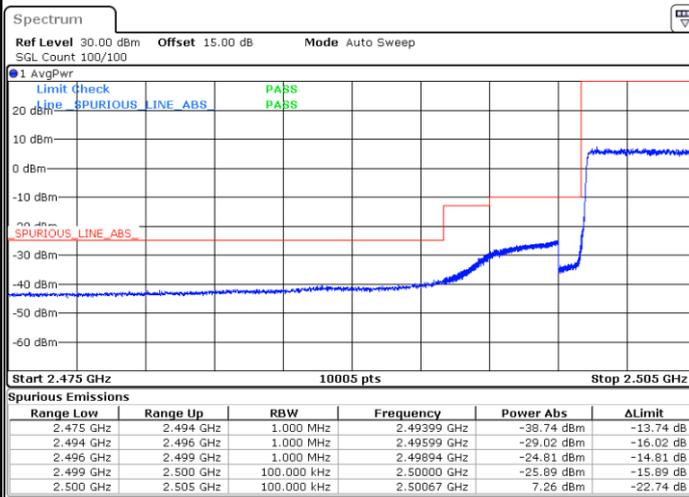
Date: 16.AUG.2024 13:45:29

Highest Band Edge / 1 RB



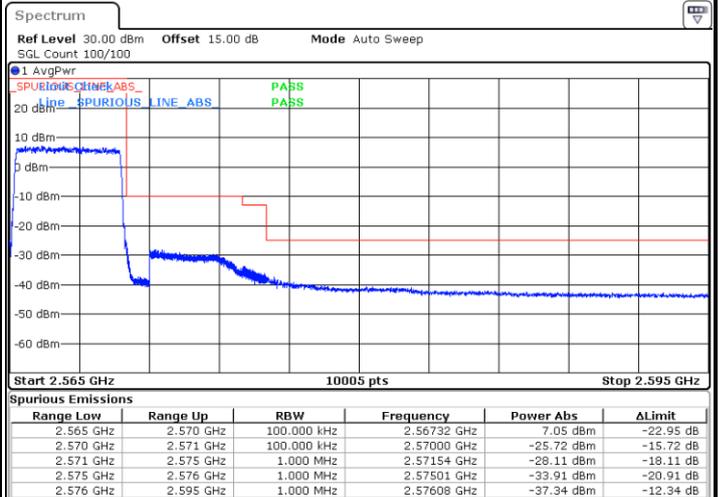
Date: 16.AUG.2024 13:54:14

Lowest Band Edge / Full RB



Date: 16.AUG.2024 13:48:02

Highest Band Edge / Full RB

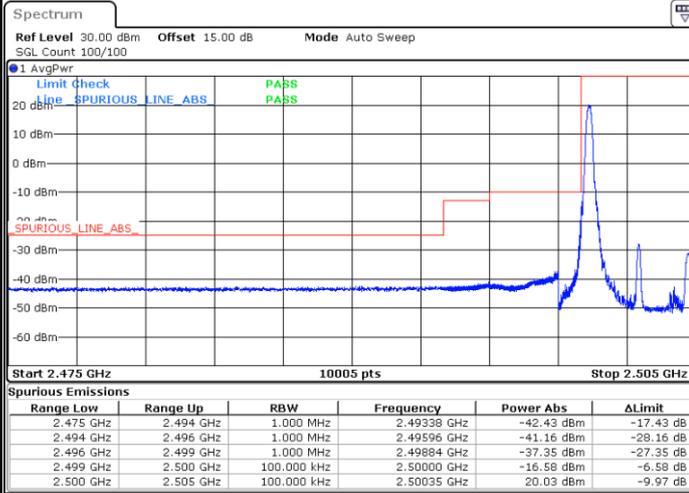


Date: 16.AUG.2024 13:56:46



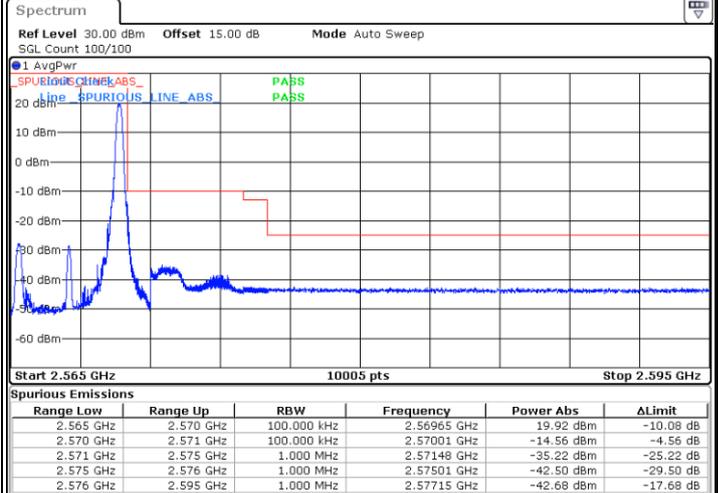
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



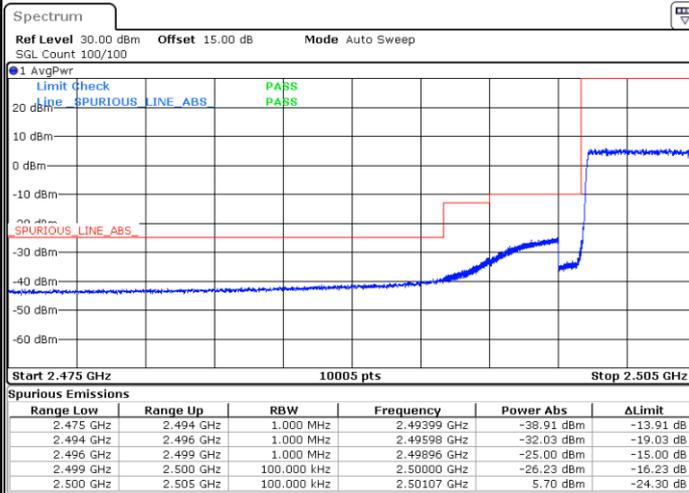
Date: 16.AUG.2024 13:46:20

Highest Band Edge / 1 RB



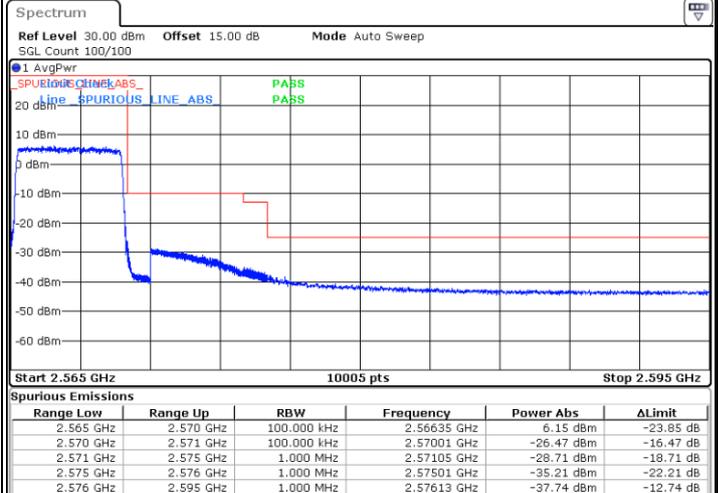
Date: 16.AUG.2024 13:55:04

Lowest Band Edge / Full RB



Date: 16.AUG.2024 13:48:53

Highest Band Edge / Full RB

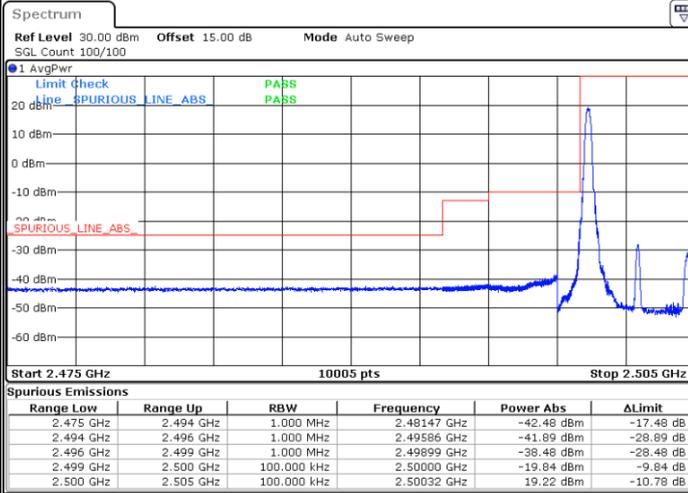


Date: 16.AUG.2024 13:57:38



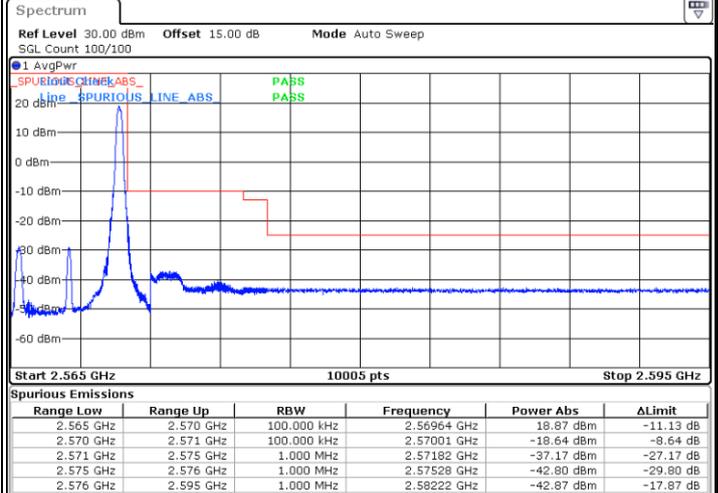
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 16.AUG.2024 13:47:11

Highest Band Edge / 1 RB



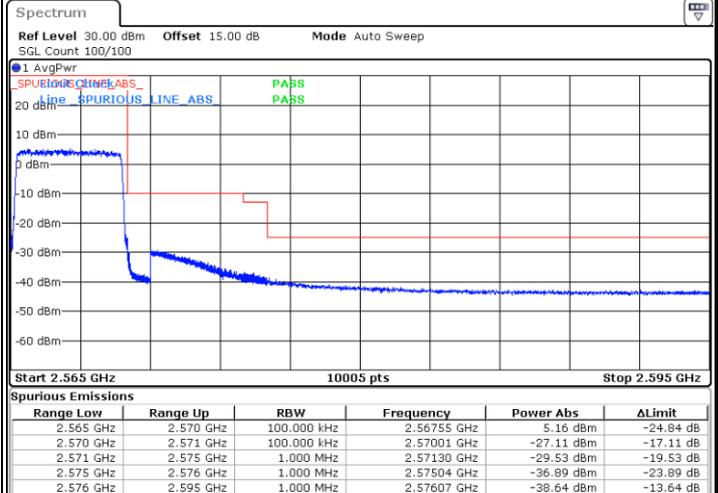
Date: 16.AUG.2024 13:55:55

Lowest Band Edge / Full RB



Date: 16.AUG.2024 13:49:44

Highest Band Edge / Full RB

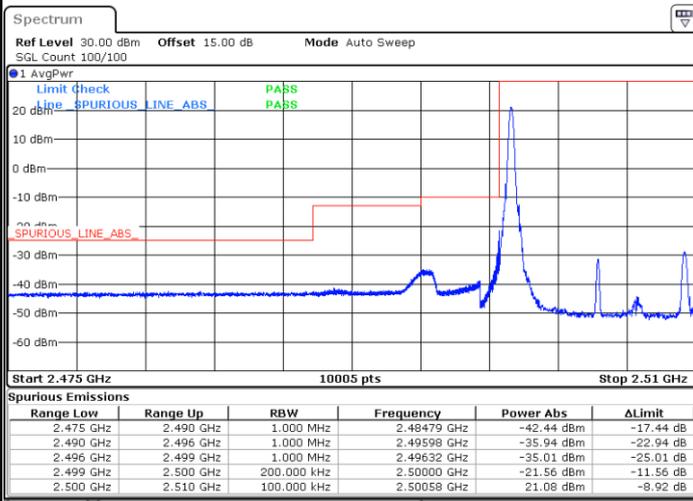


Date: 16.AUG.2024 13:58:29



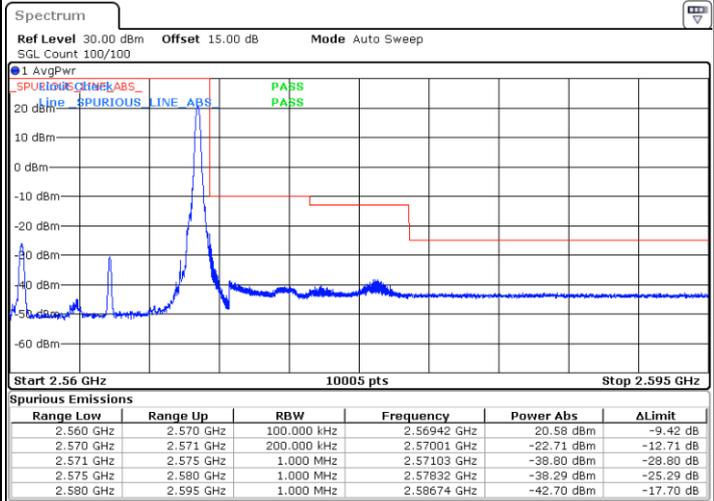
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



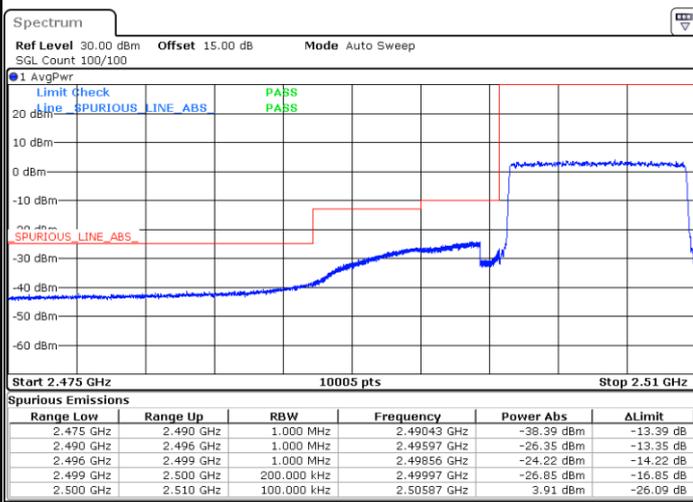
Date: 16.AUG.2024 14:01:12

Highest Band Edge / 1 RB



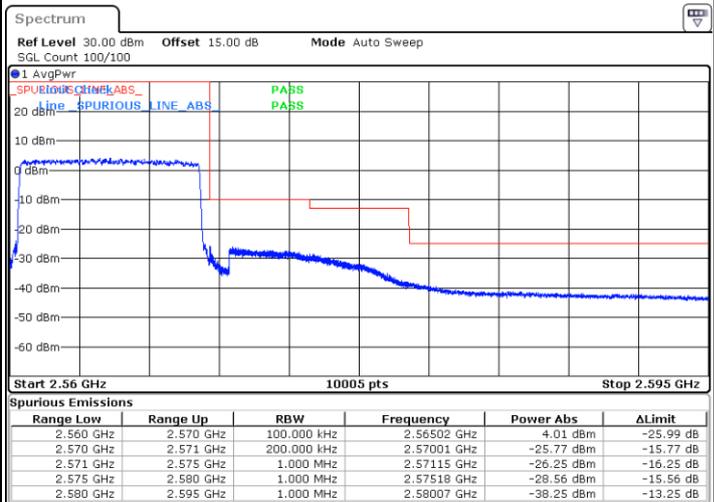
Date: 16.AUG.2024 14:09:54

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:03:45

Highest Band Edge / Full RB

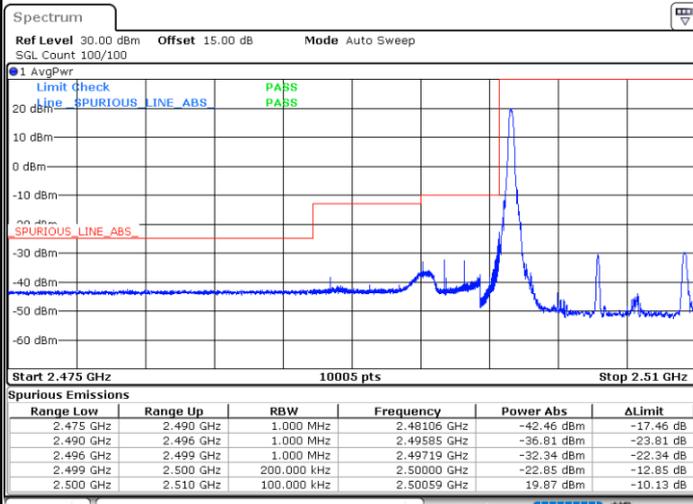


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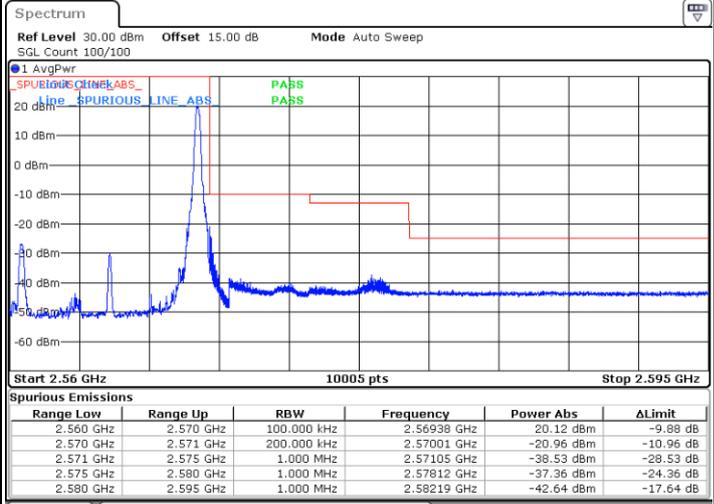
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



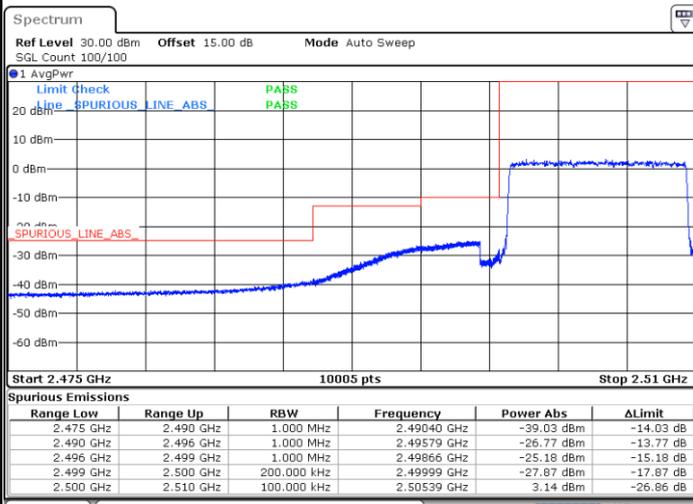
Date: 16.AUG.2024 14:02:03

Highest Band Edge / 1 RB



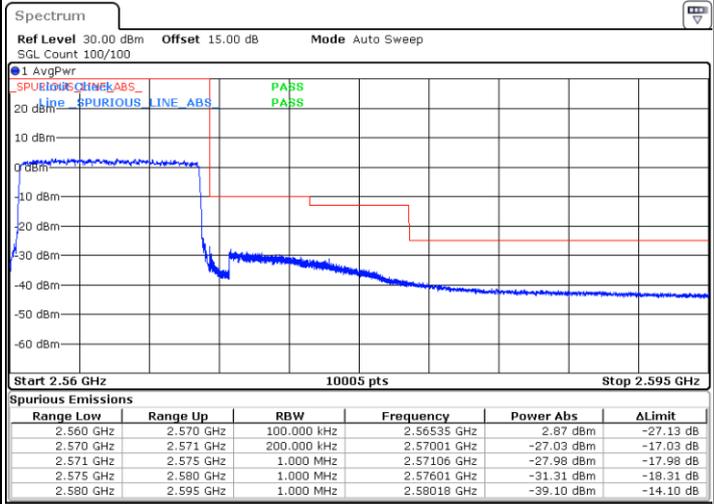
Date: 16.AUG.2024 14:10:45

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:04:35

Highest Band Edge / Full RB

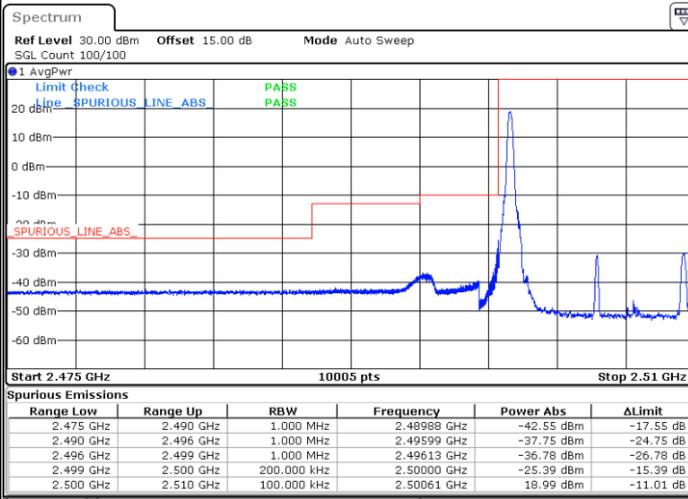


Date: 16.AUG.2024 14:13:17



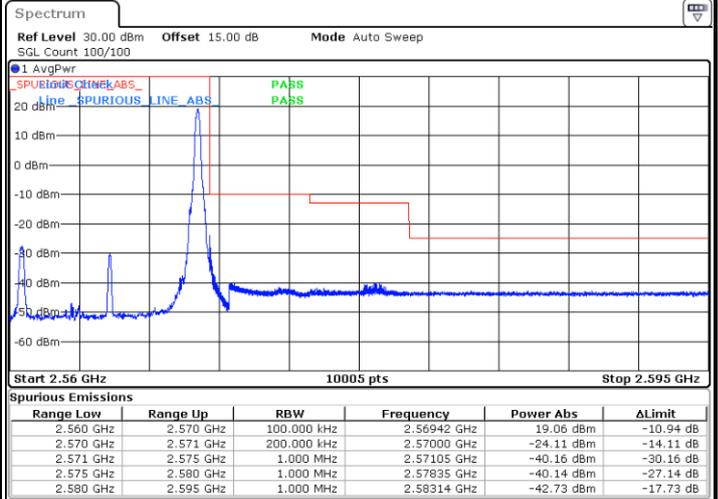
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



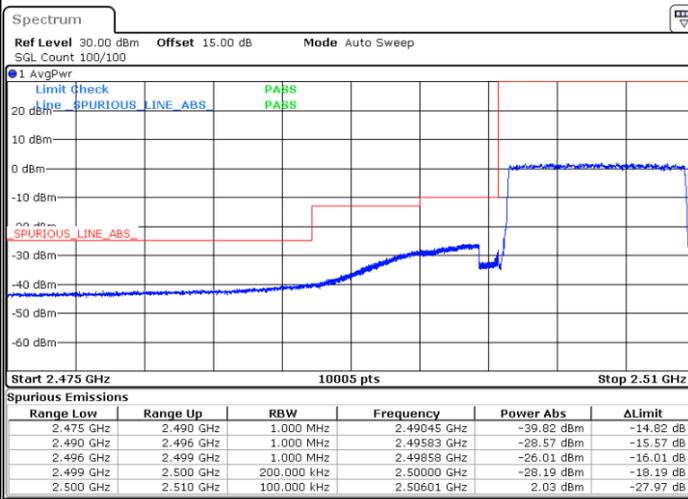
Date: 16.AUG.2024 14:02:54

Highest Band Edge / 1 RB



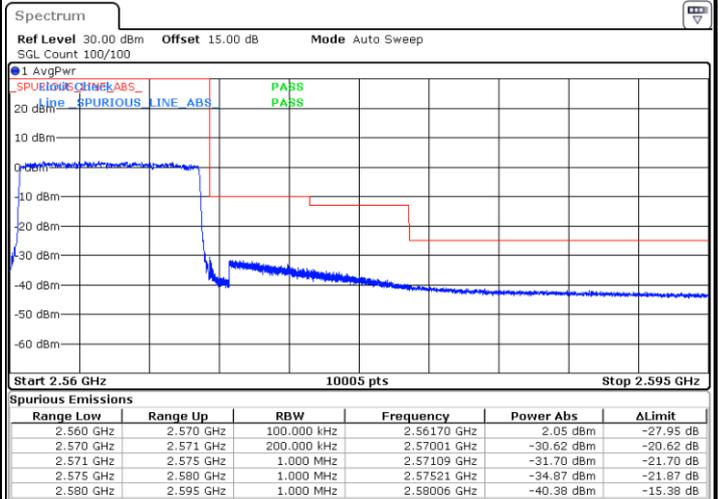
Date: 16.AUG.2024 14:11:36

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:05:26

Highest Band Edge / Full RB

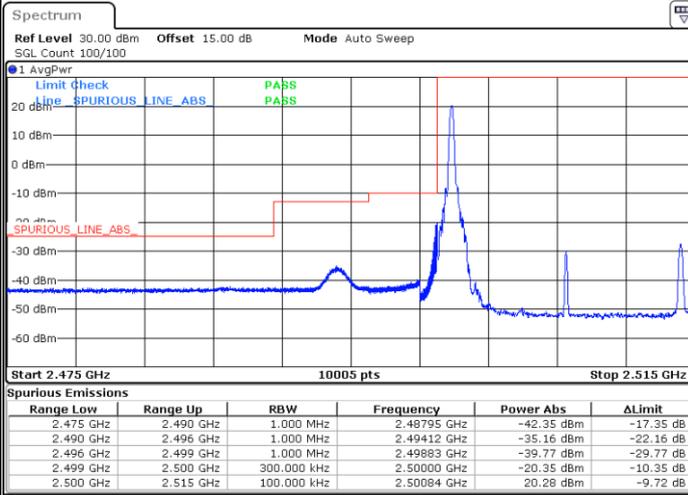


Date: 16.AUG.2024 14:14:08



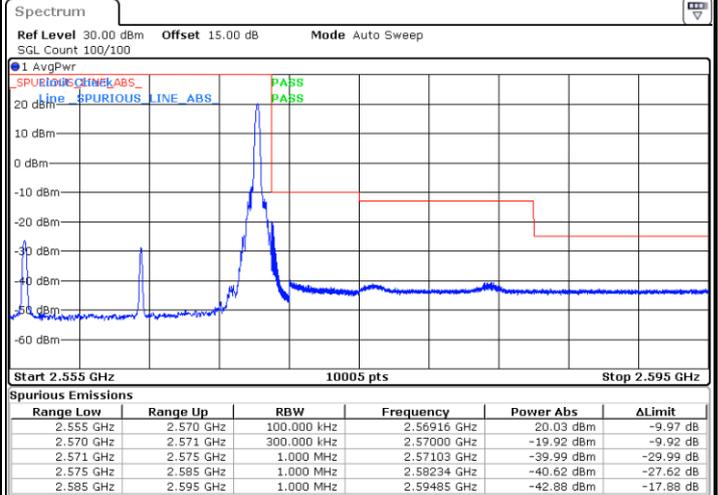
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



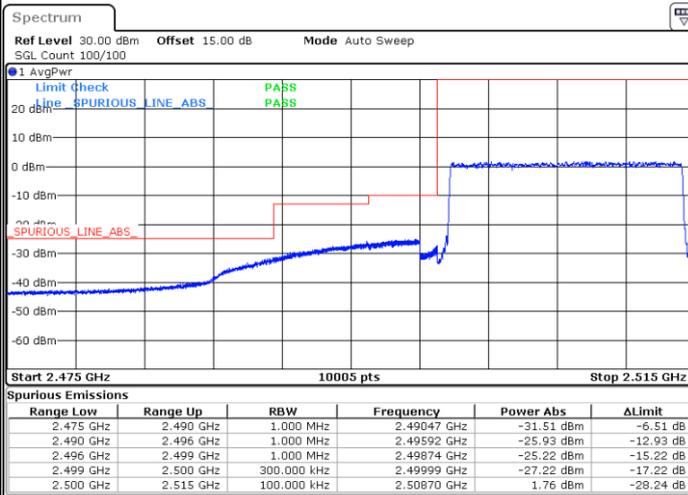
Date: 16.AUG.2024 14:16:51

Highest Band Edge / 1 RB



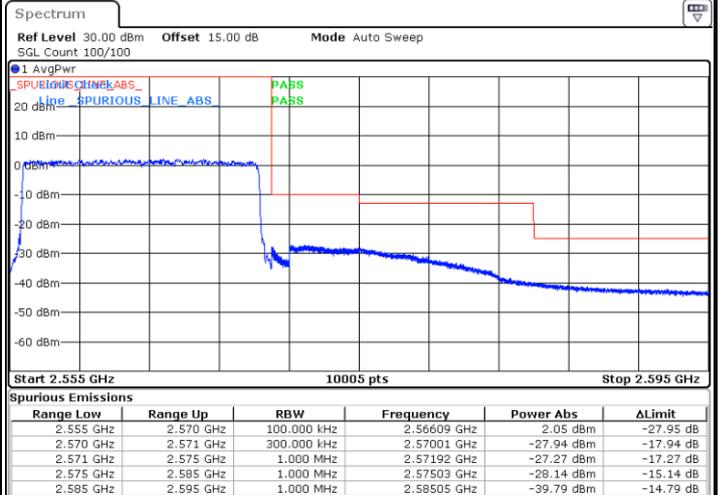
Date: 16.AUG.2024 14:25:35

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:19:24

Highest Band Edge / Full RB

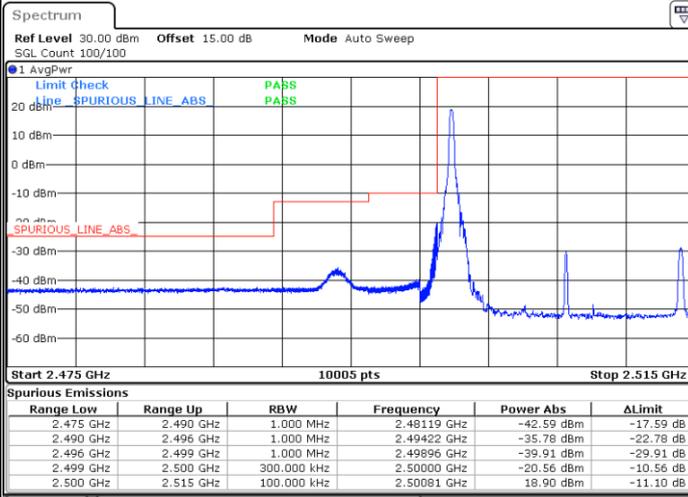


Date: 16.AUG.2024 14:28:07



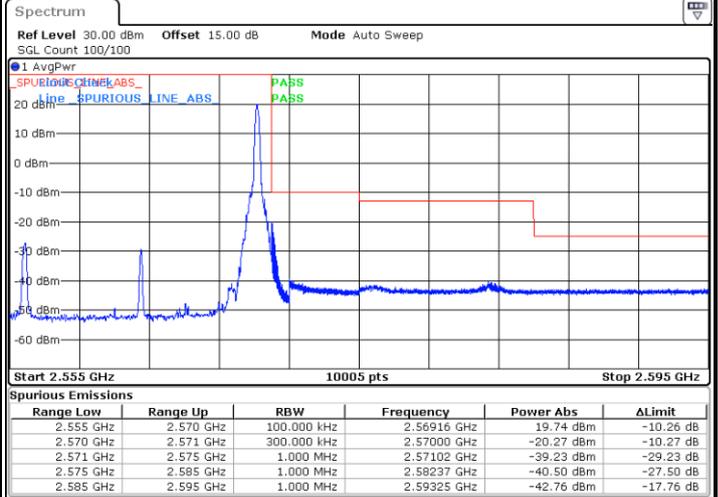
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



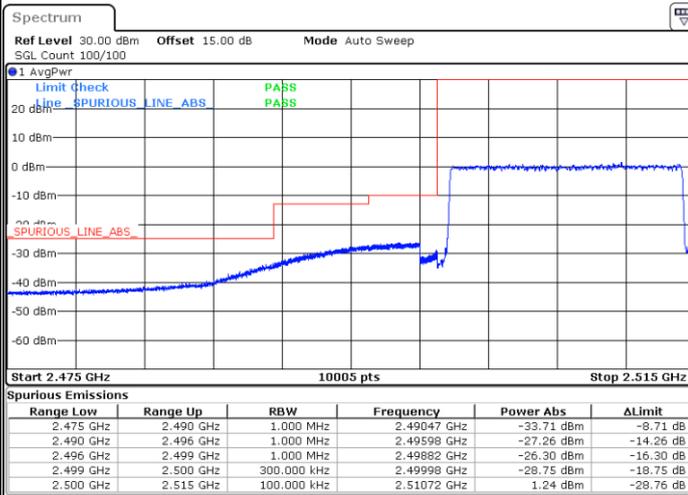
Date: 16.AUG.2024 14:17:42

Highest Band Edge / 1 RB



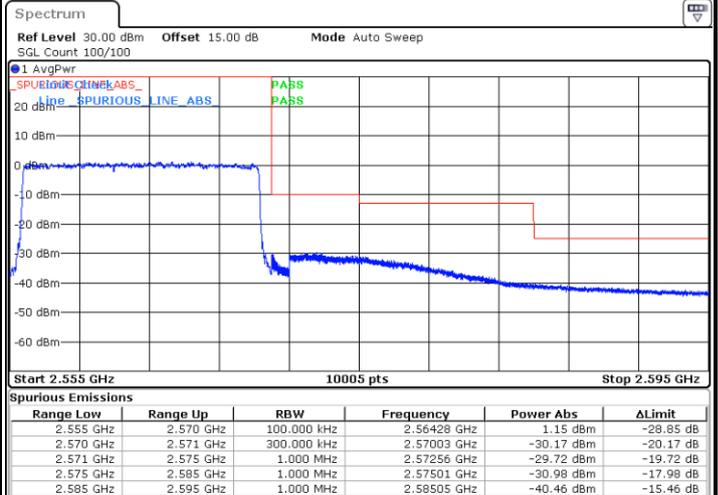
Date: 16.AUG.2024 14:26:26

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:20:15

Highest Band Edge / Full RB

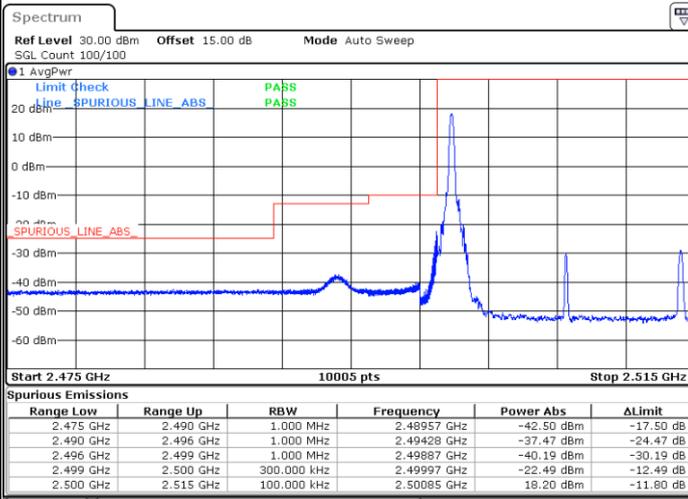


Date: 16.AUG.2024 14:28:58

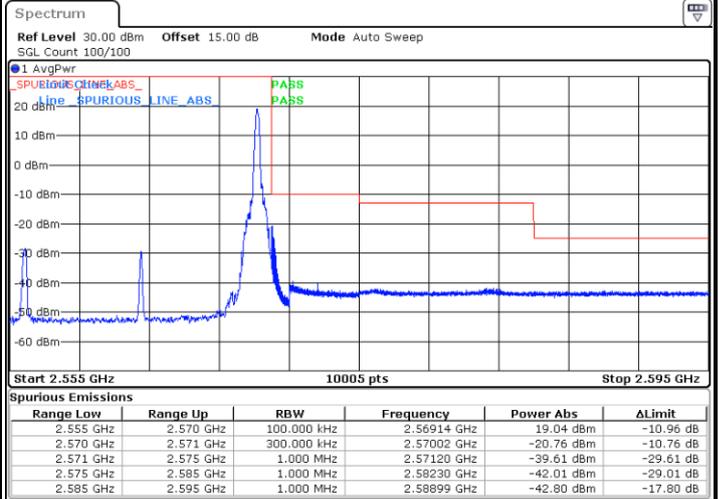


LTE Band 7 / 15MHz / 64QAM

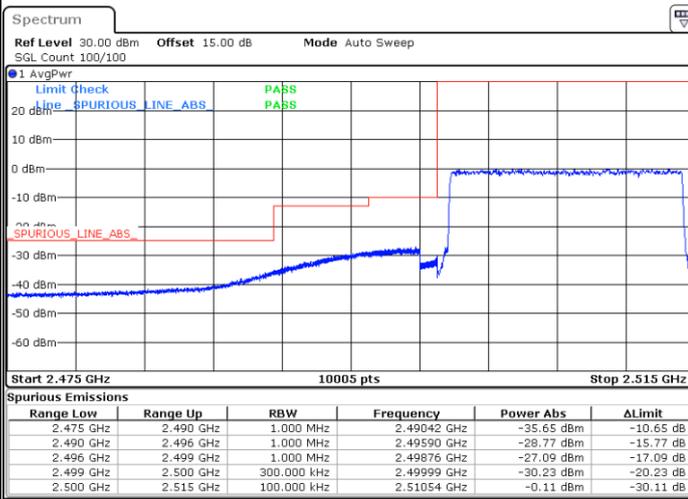
Lowest Band Edge / 1RB



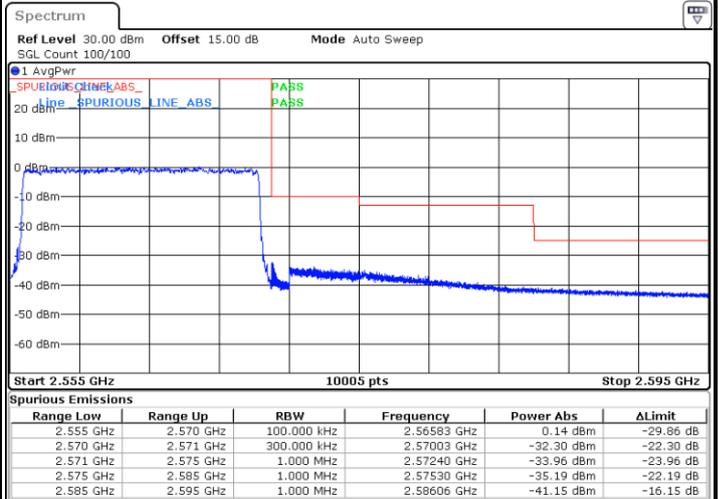
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



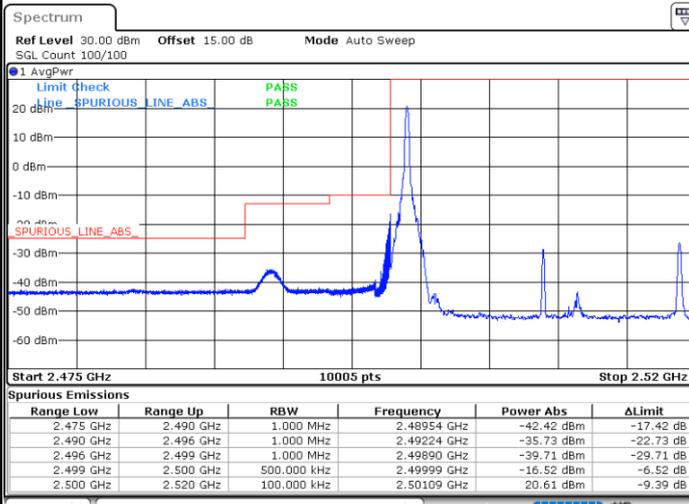
Highest Band Edge / Full RB





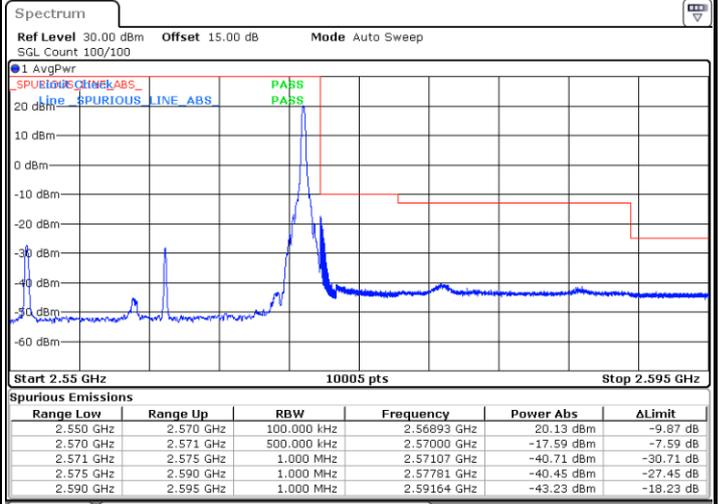
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



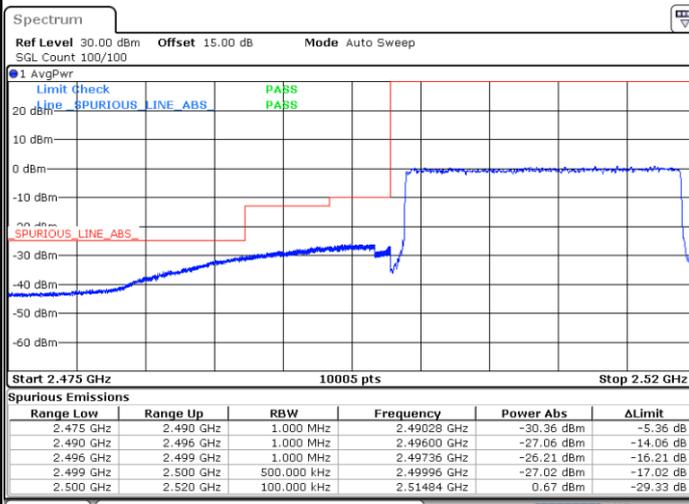
Date: 16.AUG.2024 14:32:33

Highest Band Edge / 1 RB



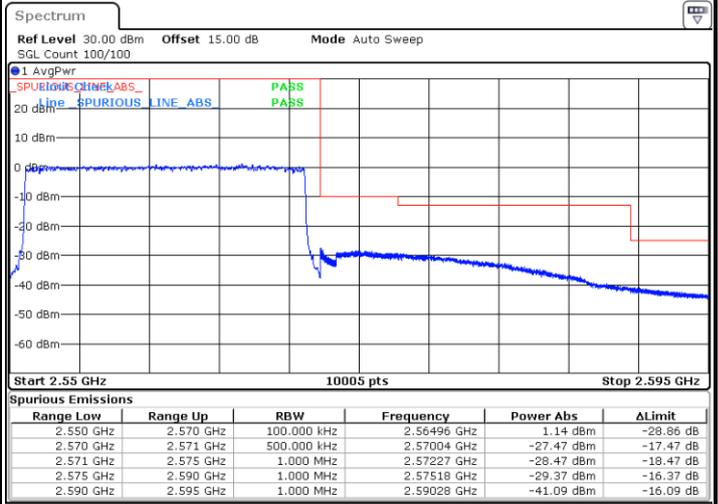
Date: 16.AUG.2024 14:42:36

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:35:06

Highest Band Edge / Full RB

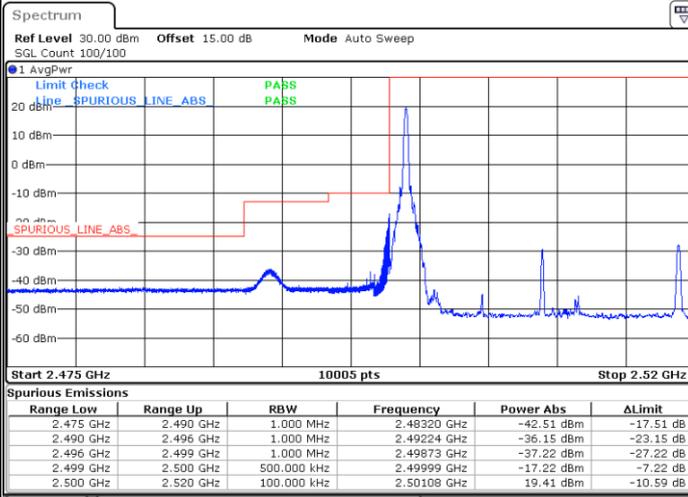


Date: 16.AUG.2024 14:45:07



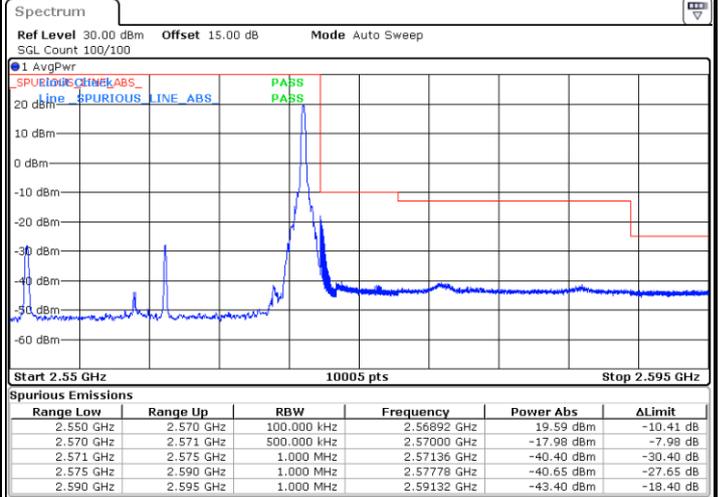
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



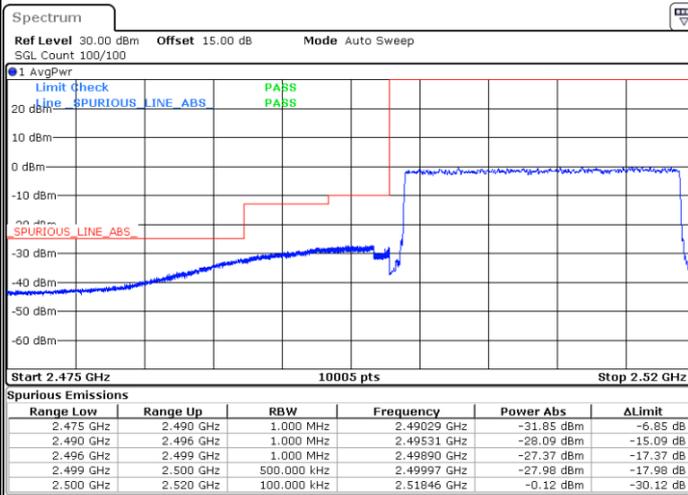
Date: 16.AUG.2024 14:33:24

Highest Band Edge / 1 RB



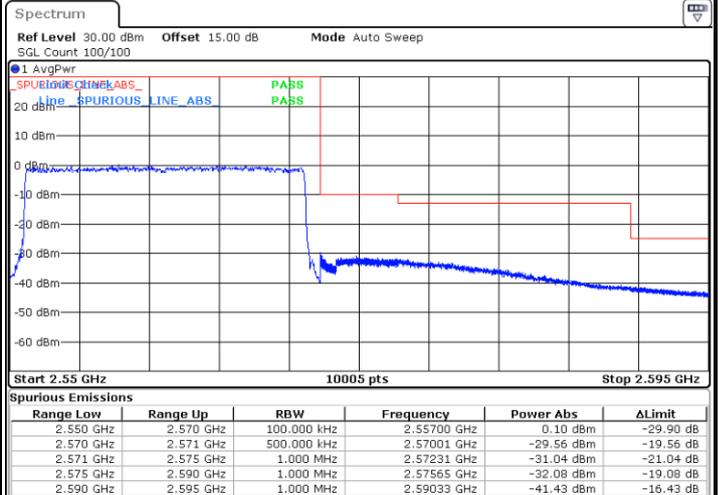
Date: 16.AUG.2024 14:43:26

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:35:56

Highest Band Edge / Full RB

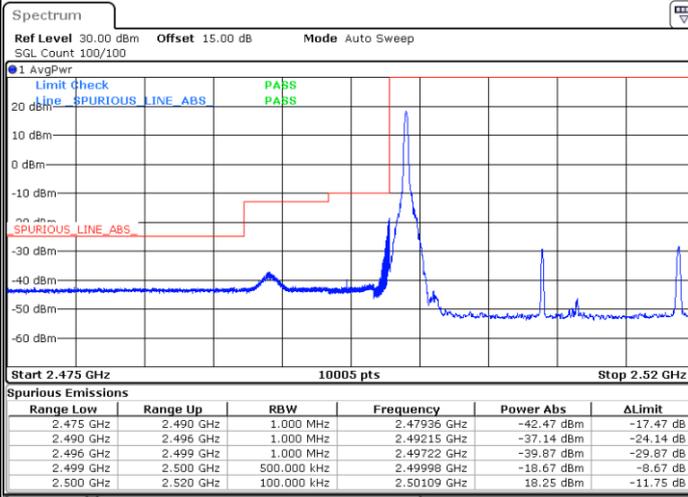


Date: 16.AUG.2024 14:45:58



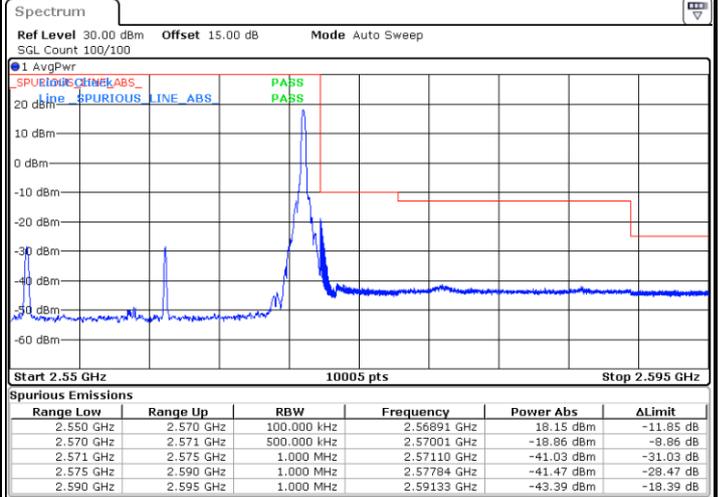
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



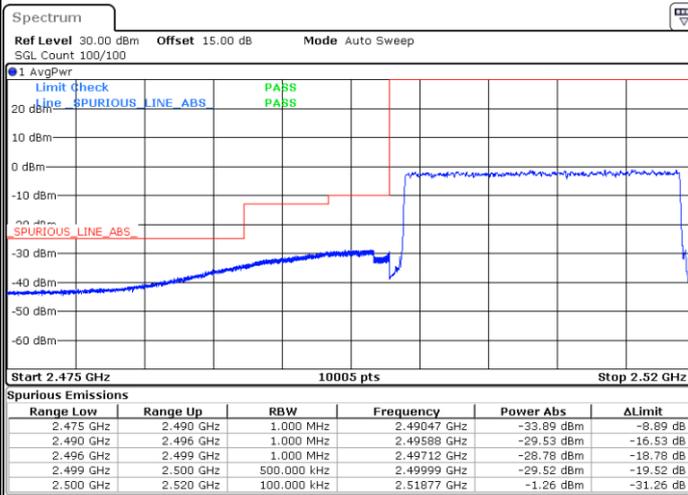
Date: 16.AUG.2024 14:34:15

Highest Band Edge / 1 RB



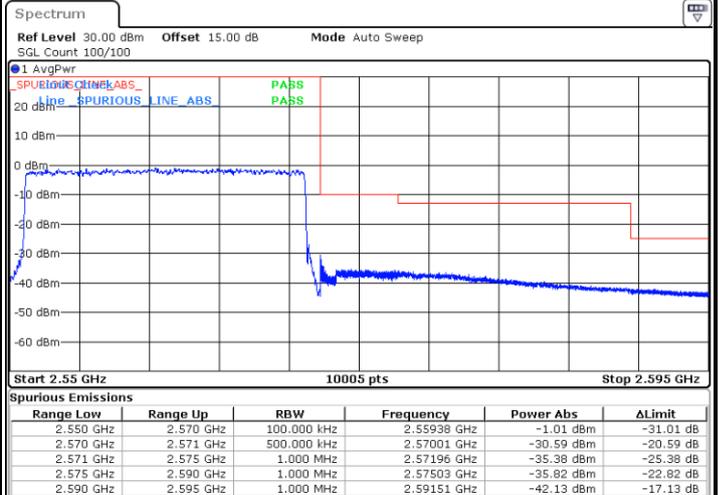
Date: 16.AUG.2024 14:44:17

Lowest Band Edge / Full RB



Date: 16.AUG.2024 14:36:47

Highest Band Edge / Full RB



Date: 16.AUG.2024 14:46:49