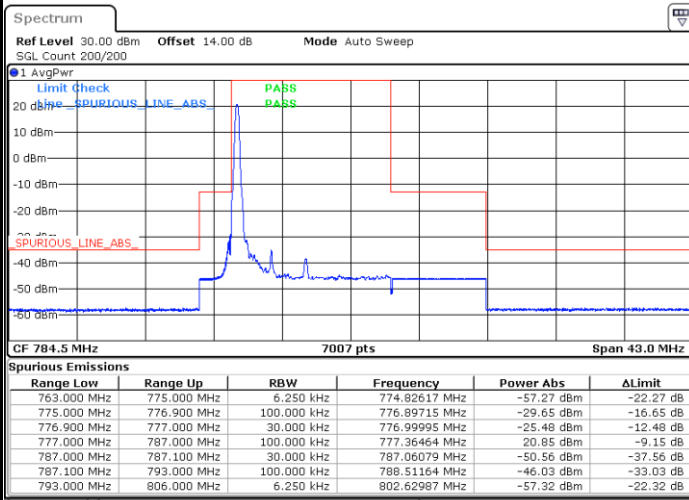




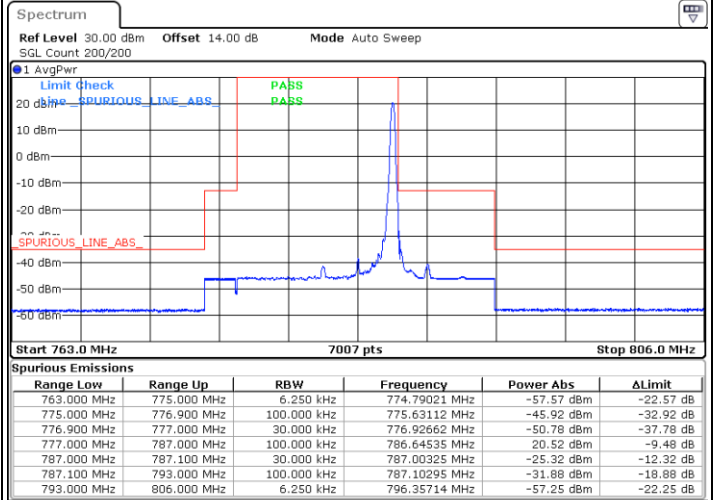
IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



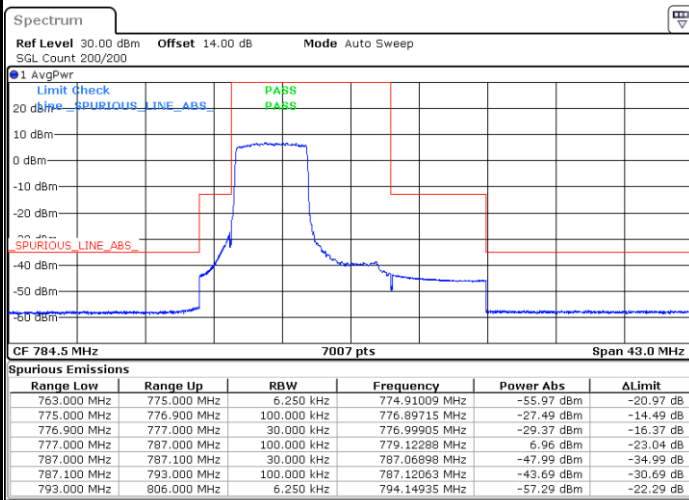
Date: 21.APR.2024 17:34:25

Highest Band Edge / 1 RB



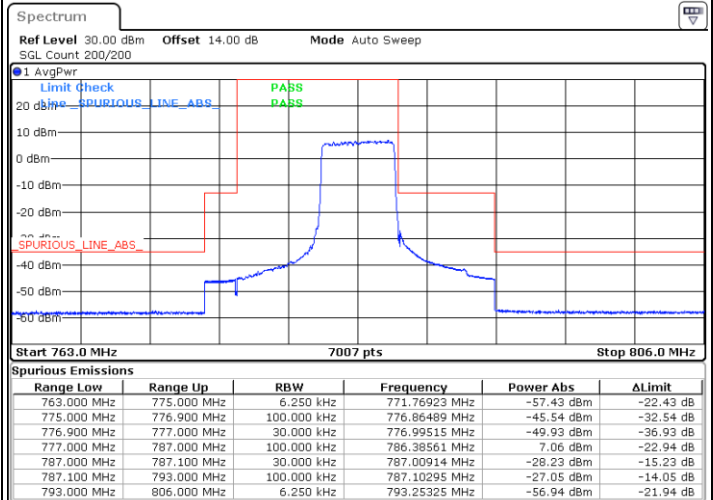
Date: 21.APR.2024 17:43:16

Lowest Band Edge / Full RB



Date: 21.APR.2024 17:29:59

Highest Band Edge / Full RB

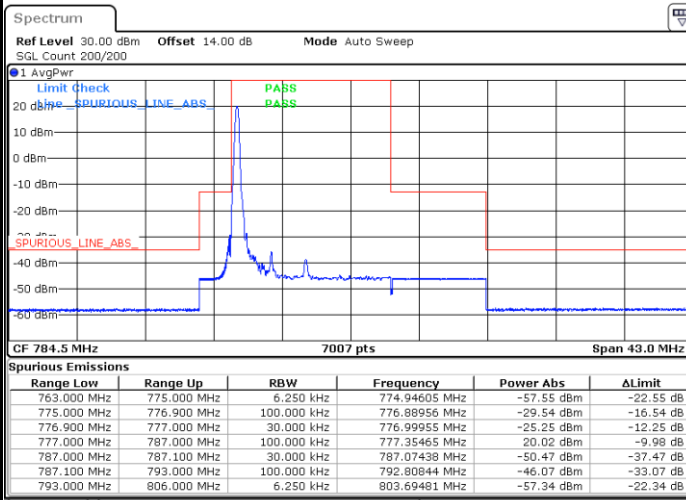


Date: 21.APR.2024 17:38:50



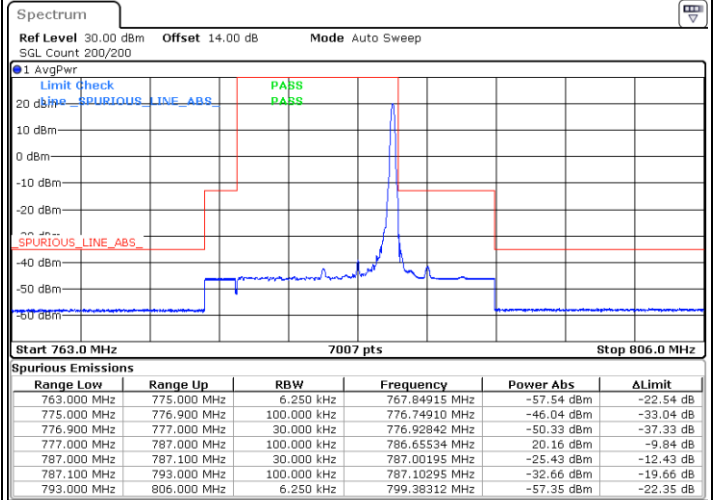
IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



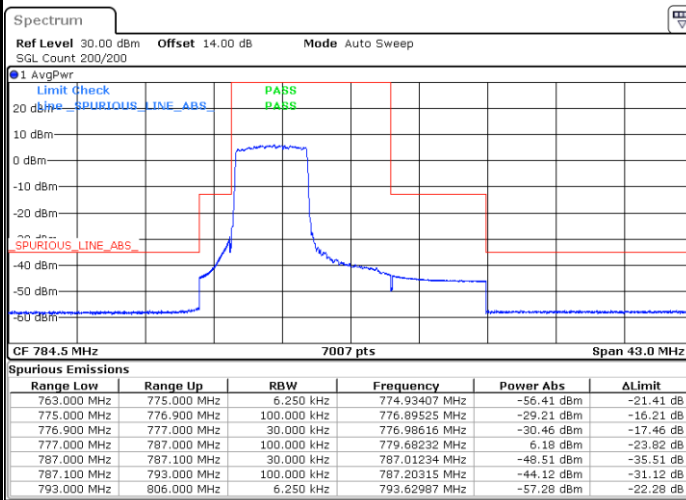
Date: 21.APR.2024 17:35:53

Highest Band Edge / 1 RB



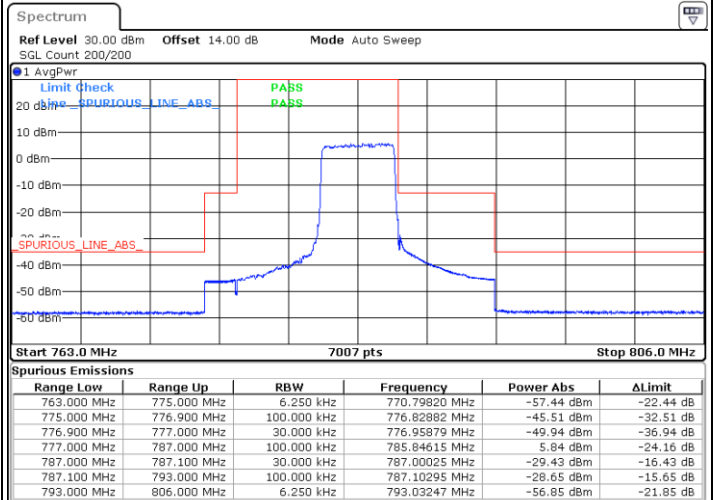
Date: 21.APR.2024 17:44:44

Lowest Band Edge / Full RB



Date: 21.APR.2024 17:31:28

Highest Band Edge / Full RB

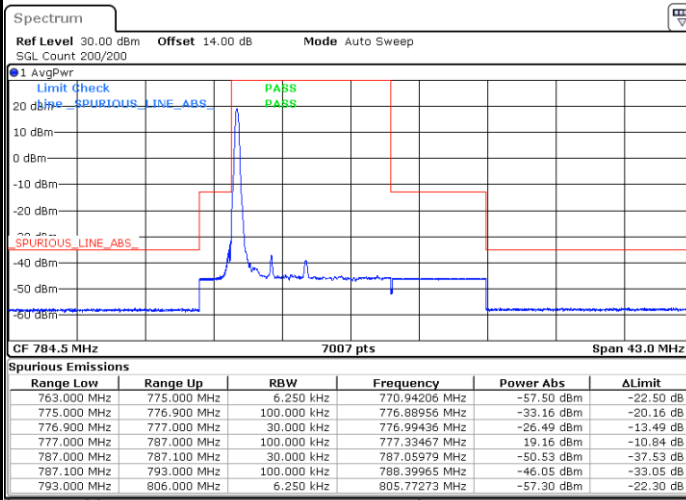


Date: 21.APR.2024 17:40:19



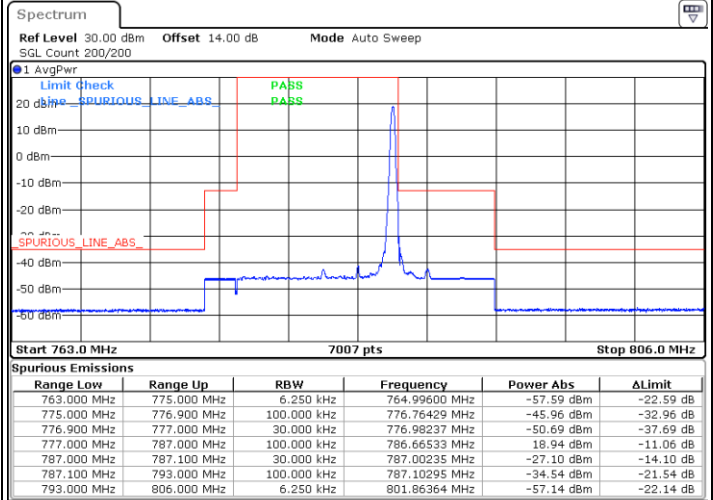
IC LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



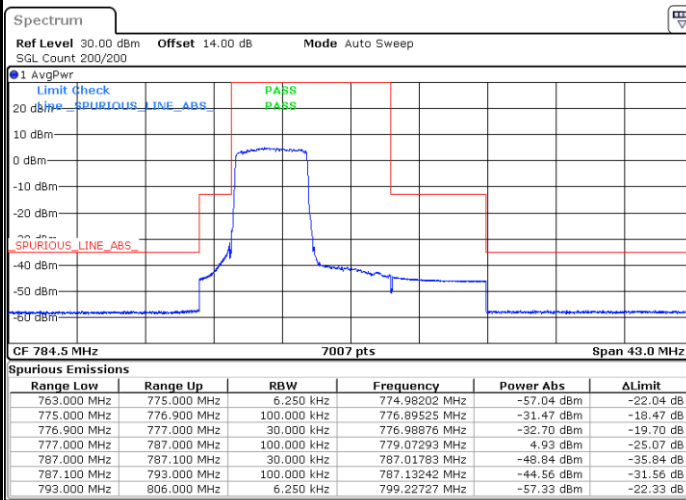
Date: 21.APR.2024 17:37:22

Highest Band Edge / 1 RB



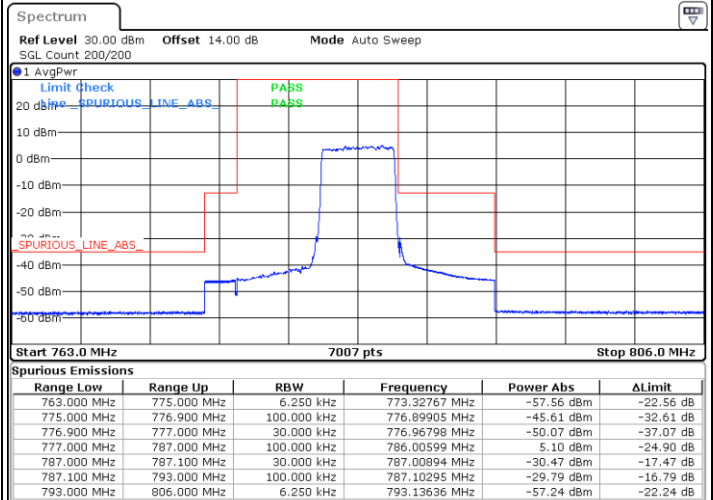
Date: 21.APR.2024 17:46:13

Lowest Band Edge / Full RB



Date: 21.APR.2024 17:32:56

Highest Band Edge / Full RB

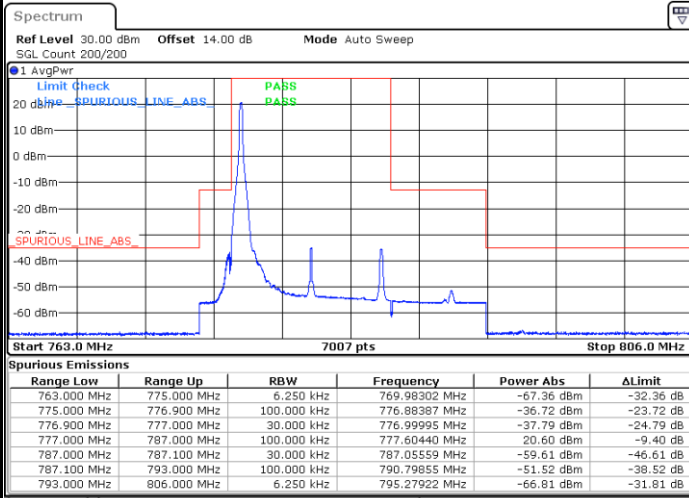


Date: 21.APR.2024 17:41:47



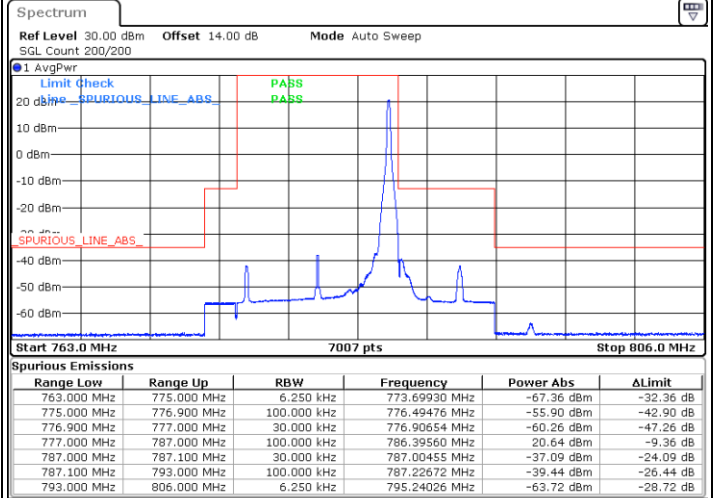
IC LTE Band 13 / 10MHz / QPSK

Band Edge / 1 RB



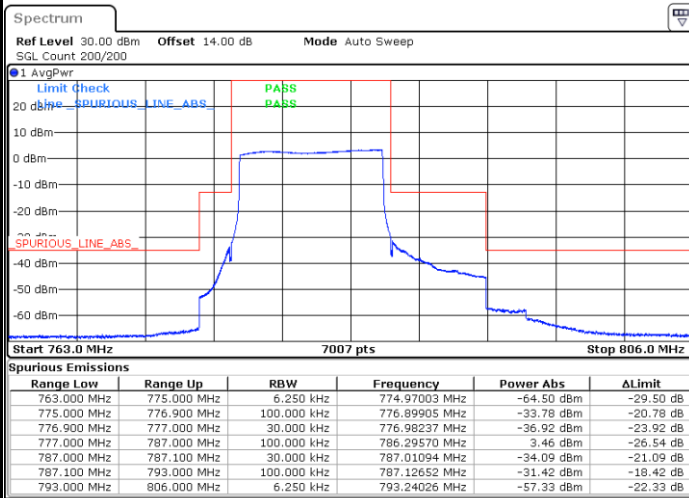
Date: 22.APR.2024 18:00:08

Band Edge / 1 RB



Date: 22.APR.2024 18:56:00

Band Edge / Full RB

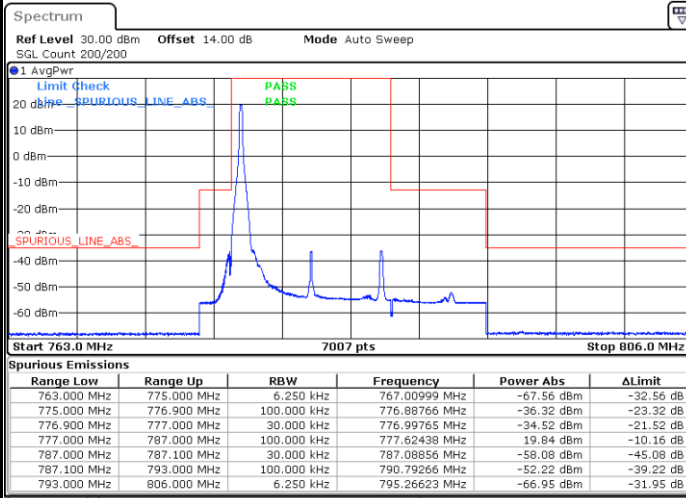


Date: 21.APR.2024 17:52:34



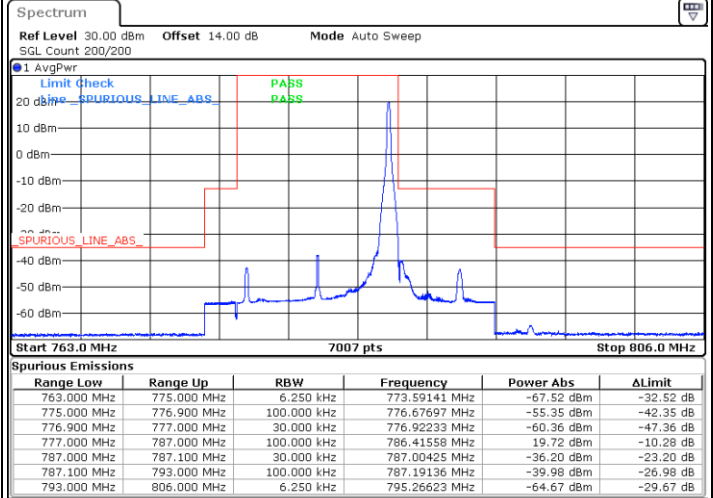
IC LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB



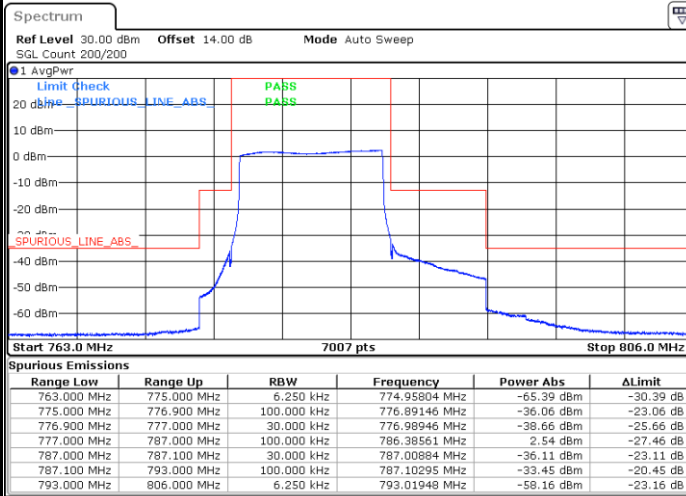
Date: 22.APR.2024 18:45:29

Band Edge / 1 RB



Date: 22.APR.2024 18:53:17

Band Edge / Full RB

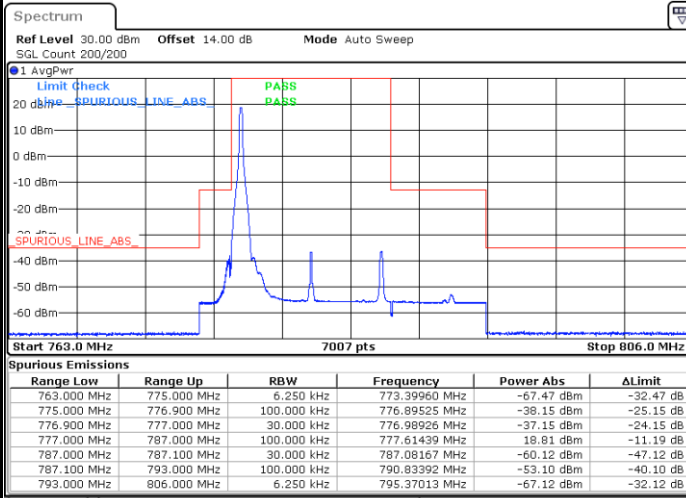


Date: 21.APR.2024 17:54:49



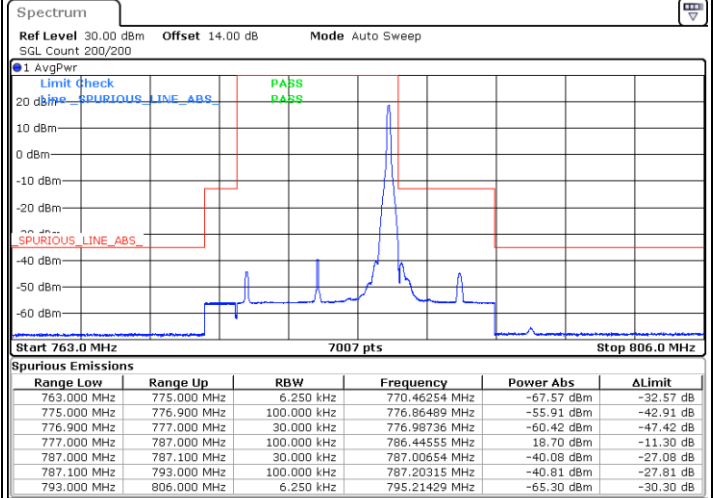
IC LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB



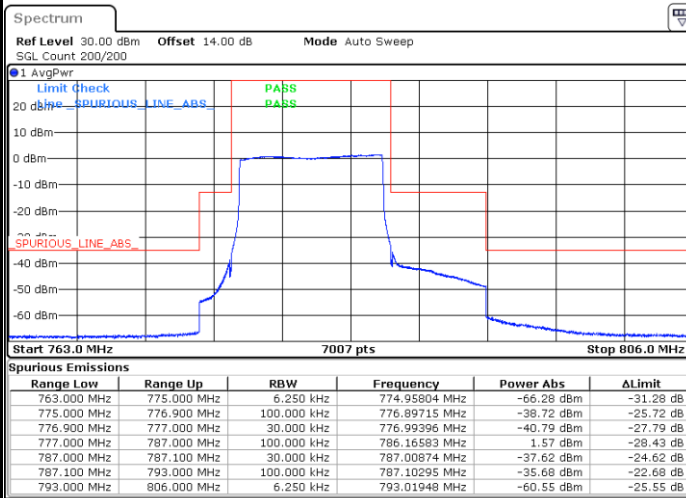
Date: 22.APR.2024 18:48:05

Band Edge / 1 RB



Date: 22.APR.2024 18:50:52

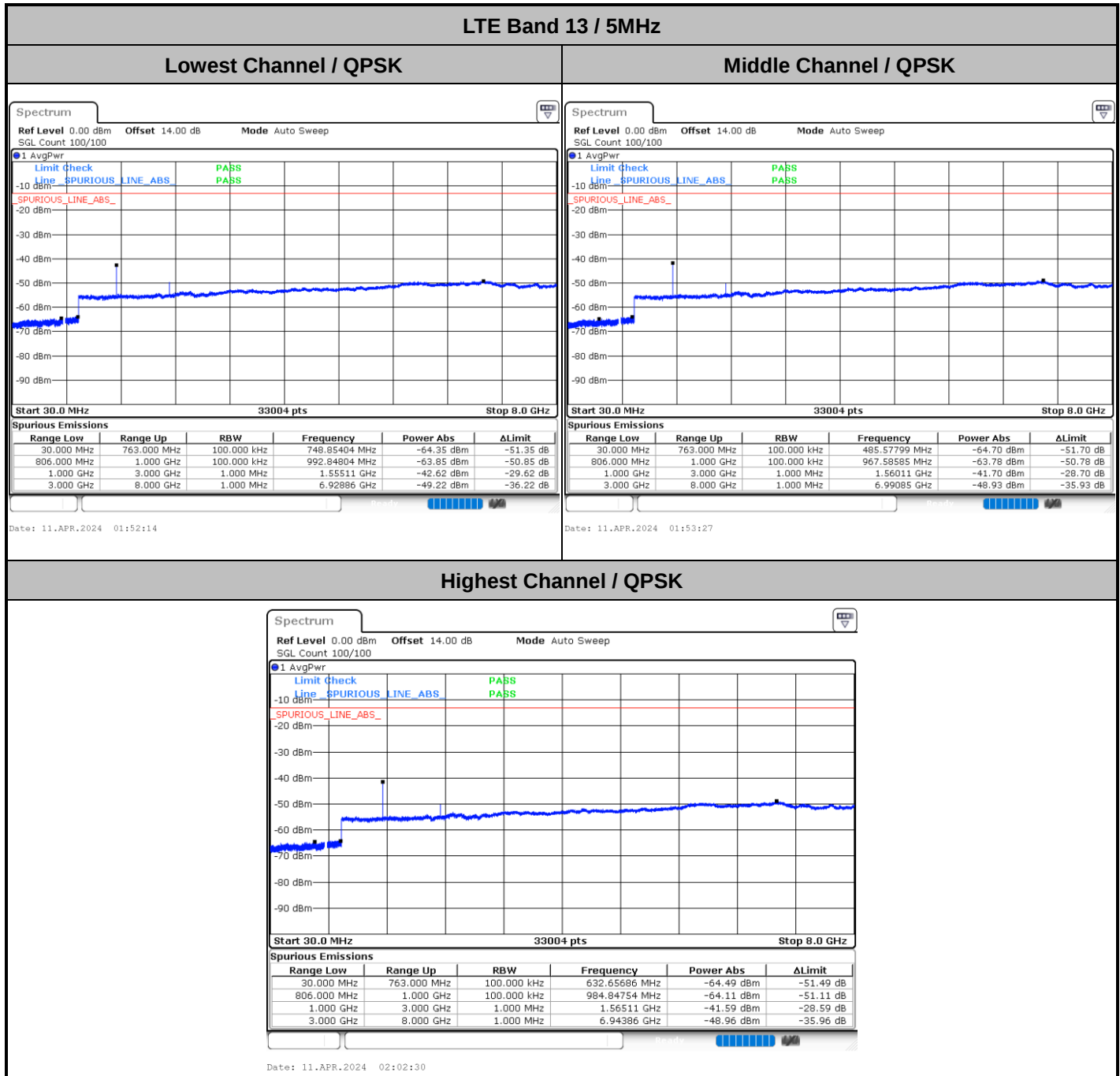
Band Edge / Full RB



Date: 21.APR.2024 18:33:10



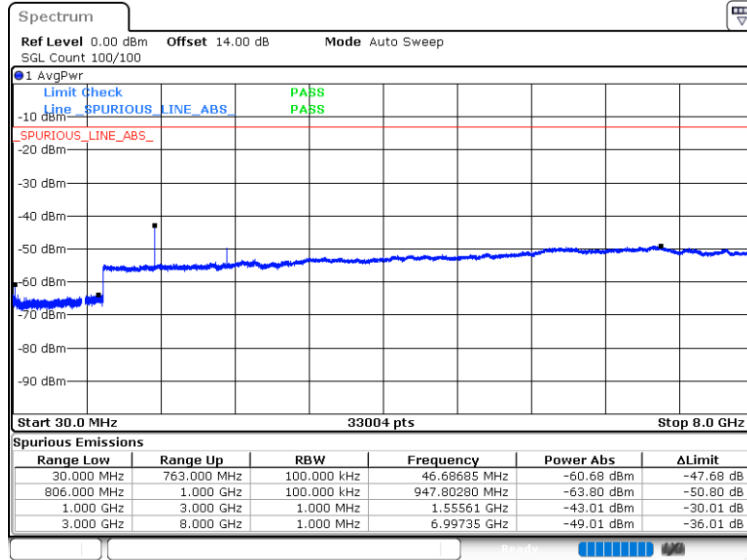
A4.5 Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 11.APR.2024 09:50:24

A4.6 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	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0002	

Note:

1. Normal Voltage =12 V. ; Minimum Voltage =10.8 V. ; Maximum Voltage =13.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



A5. LTE Band 41

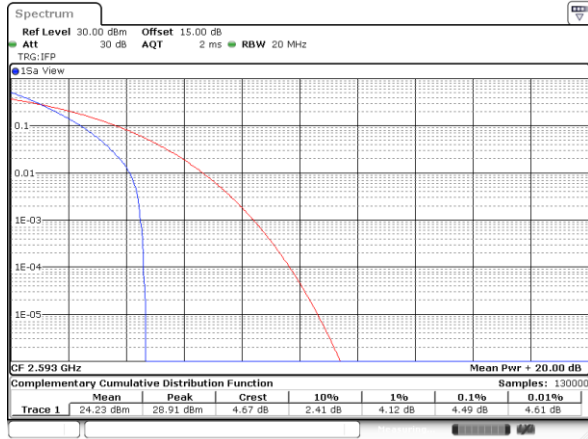
A5.1 Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.49	5.68	6.38	PASS



LTE Band 41 / 20MHz / QPSK

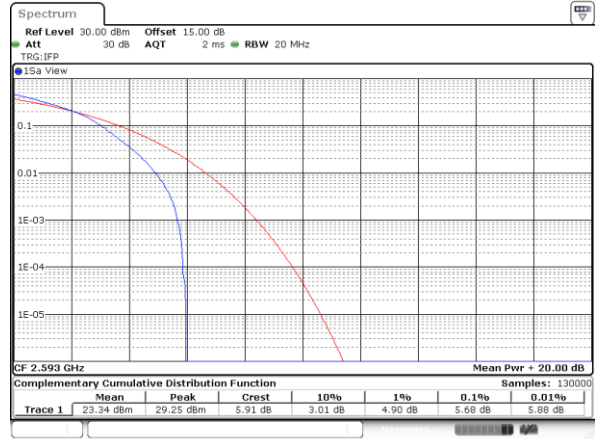
Middle Channel / Full RB



Date: 15.APR.2024 09:56:05

LTE Band 41 / 20MHz / 16QAM

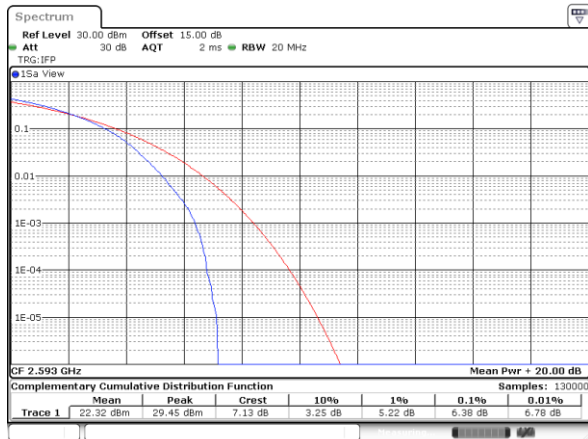
Middle Channel / Full RB



Date: 15.APR.2024 09:56:132

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 15.APR.2024 09:56:58



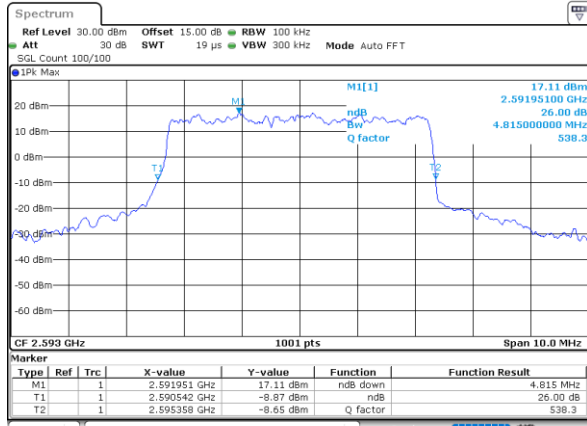
A5.2 26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.82	4.79	9.65	9.63	14.27	14.39	19.02	19.10



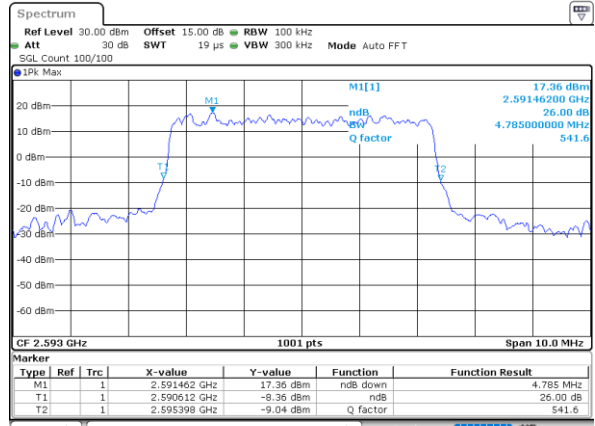
LTE Band 41

Middle Channel / 5MHz / QPSK



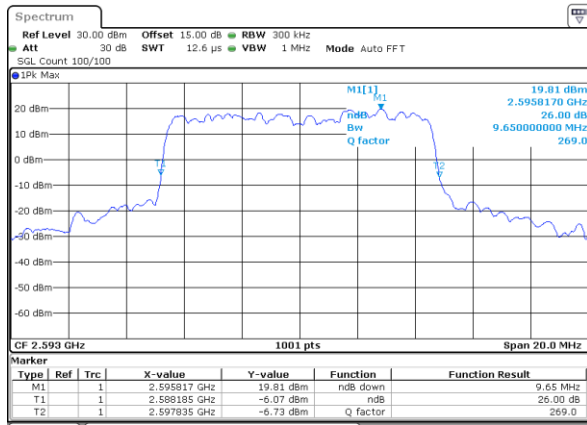
Date: 15.APR.2024 08:58:06

Middle Channel / 5MHz / 16QAM



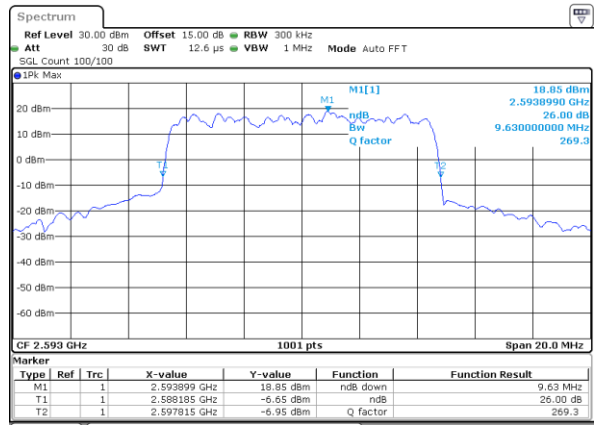
Date: 15.APR.2024 08:58:45

Middle Channel / 10MHz / QPSK



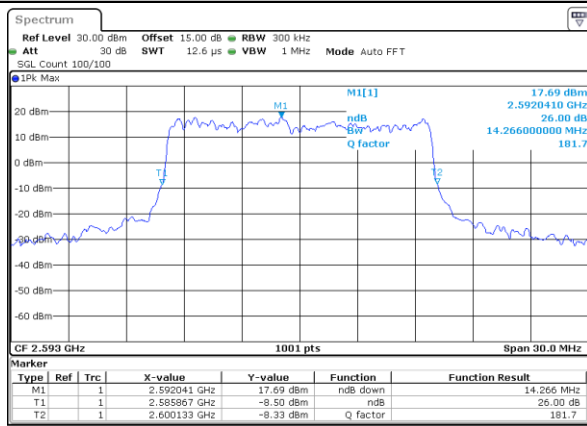
Date: 15.APR.2024 09:17:04

Middle Channel / 10MHz / 16QAM



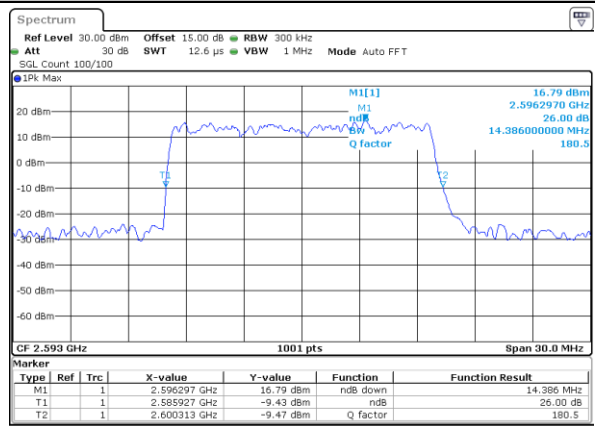
Date: 15.APR.2024 09:17:44

Middle Channel / 15MHz / QPSK



Date: 15.APR.2024 09:36:02

Middle Channel / 15MHz / 16QAM

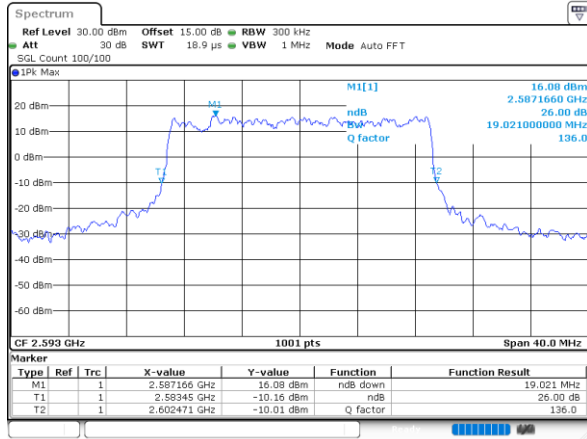


Date: 15.APR.2024 09:36:41



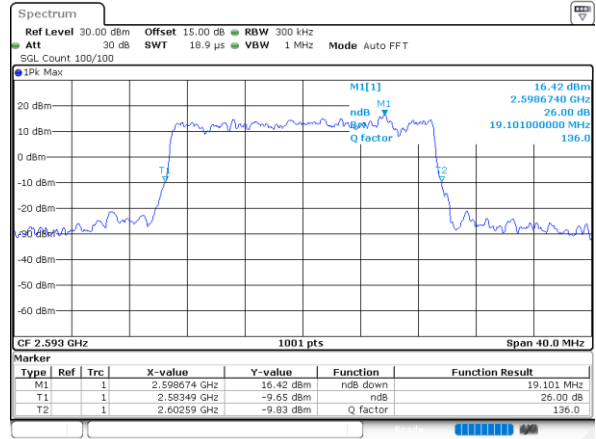
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 15.APR.2024 09:54:59

Middle Channel / 20MHz / 16QAM



Date: 15.APR.2024 09:55:38



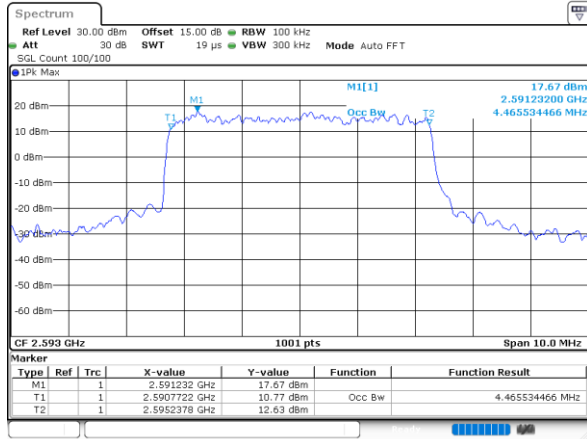
A5.3 Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.47	4.48	9.09	9.05	13.46	13.43	18.06	17.86

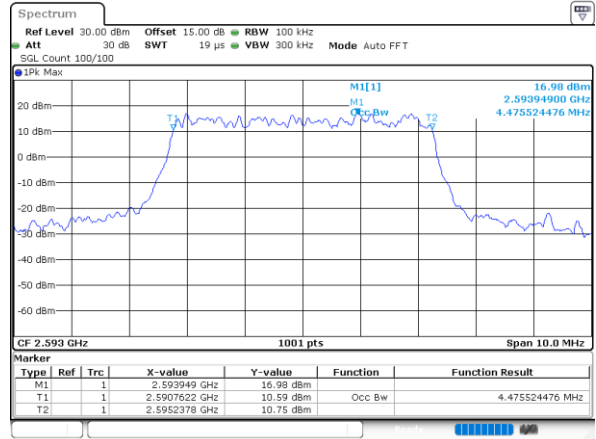


LTE Band 41

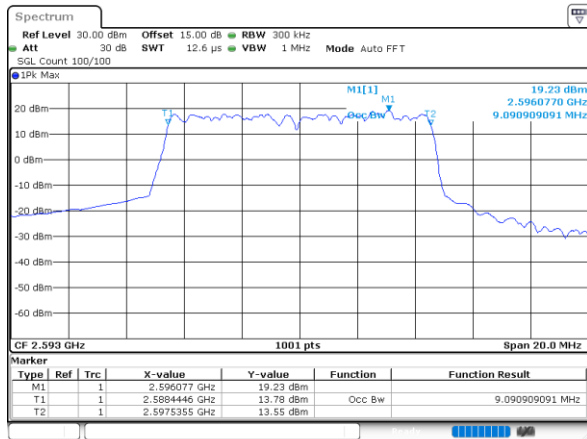
Middle Channel / 5MHz / QPSK



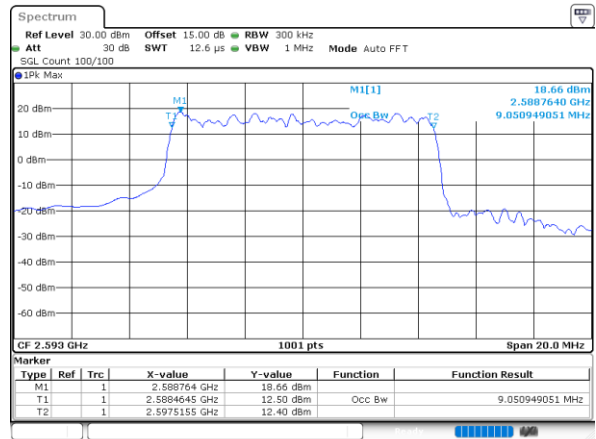
Middle Channel / 5MHz / 16QAM



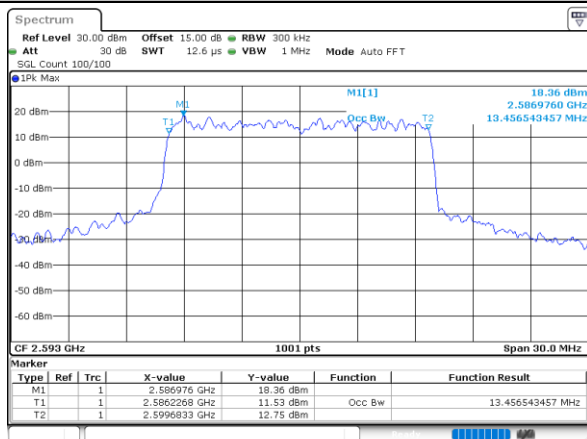
Middle Channel / 10MHz / QPSK



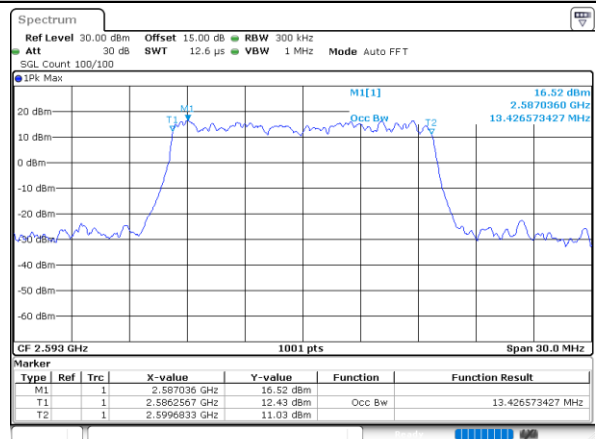
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



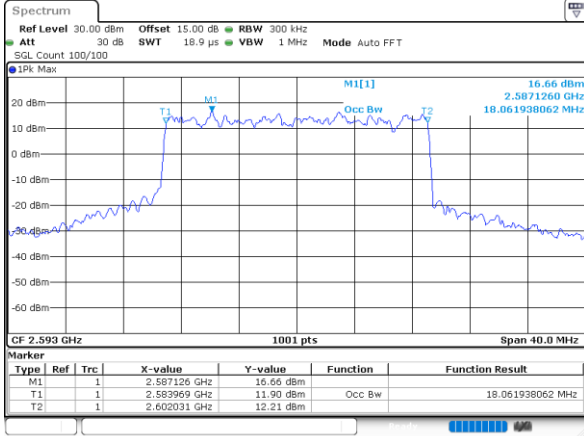
Middle Channel / 15MHz / 16QAM





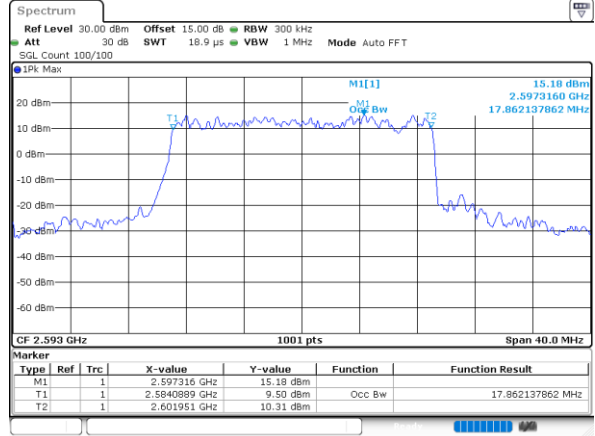
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 15.APR.2024 09:54:45

Middle Channel / 20MHz / 16QAM



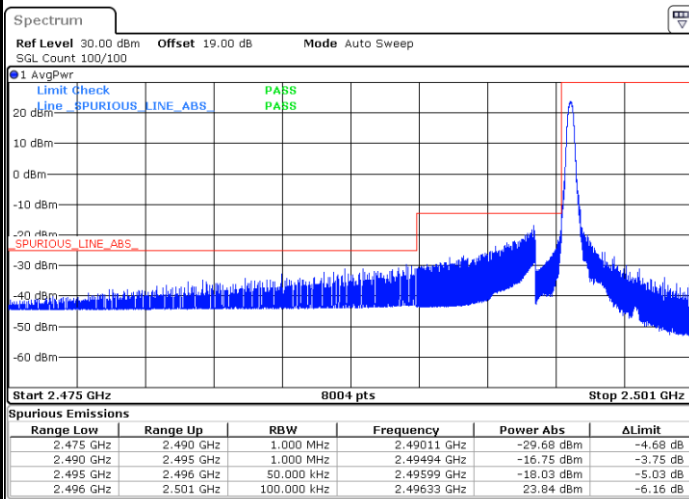
Date: 15.APR.2024 09:55:24



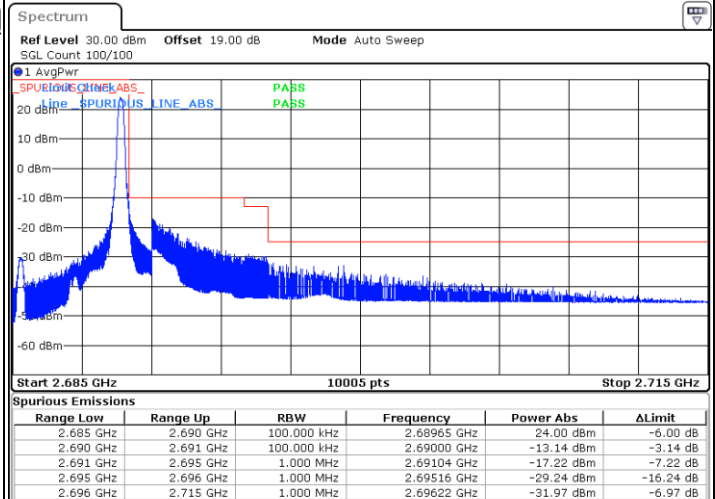
A5.4 Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

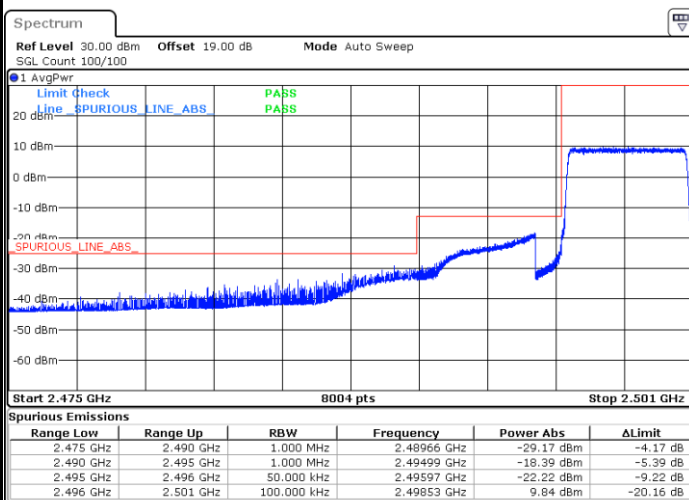
Lowest Band Edge / 1 RB



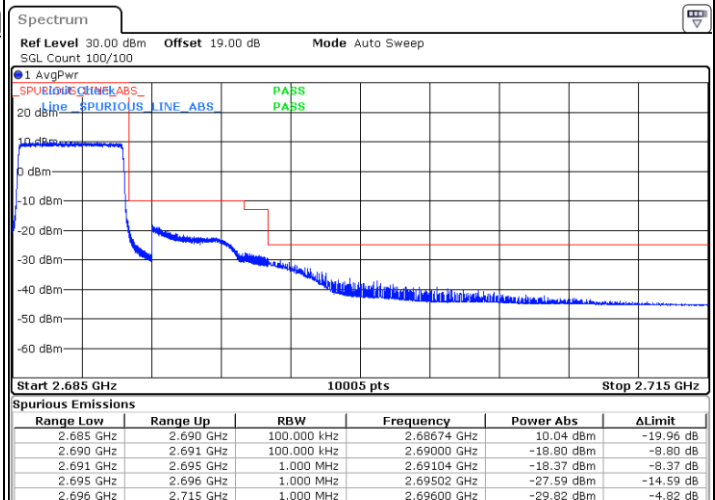
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



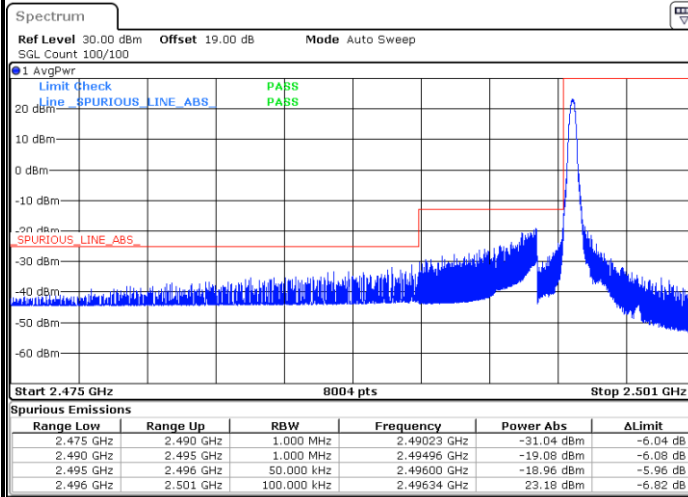
Highest Band Edge / Full RB





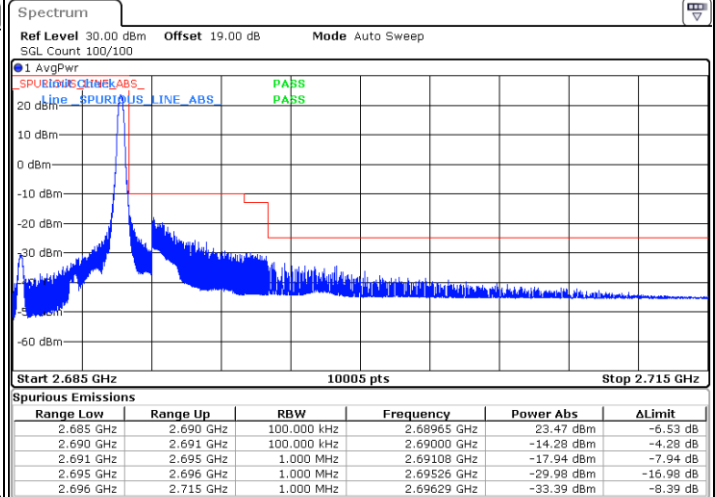
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



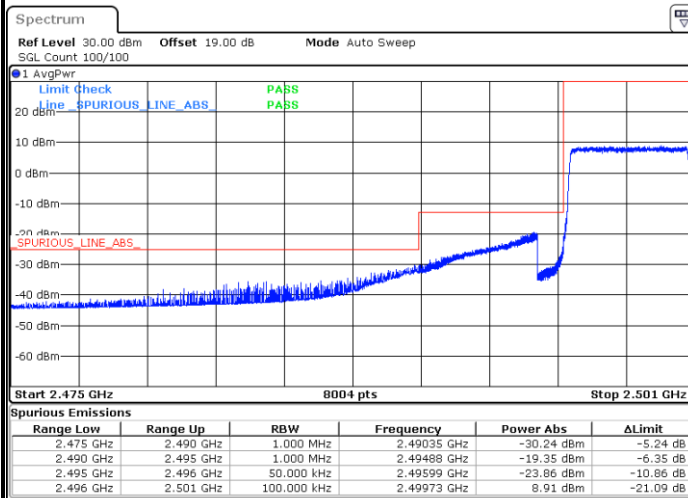
Date: 15.APR.2024 08:50:30

Highest Band Edge / 1 RB



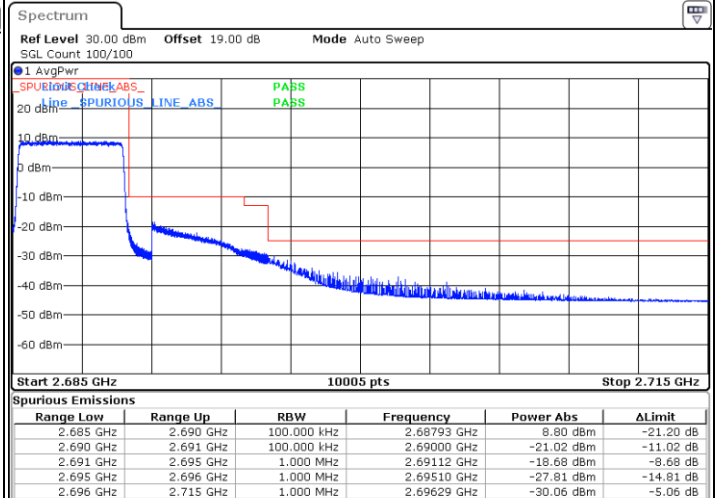
Date: 15.APR.2024 09:00:56

Lowest Band Edge / Full RB



Date: 15.APR.2024 08:53:49

Highest Band Edge / Full RB

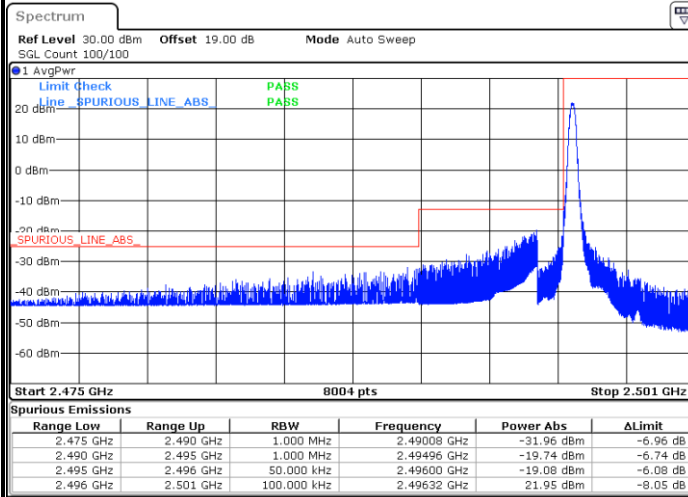


Date: 15.APR.2024 09:04:13



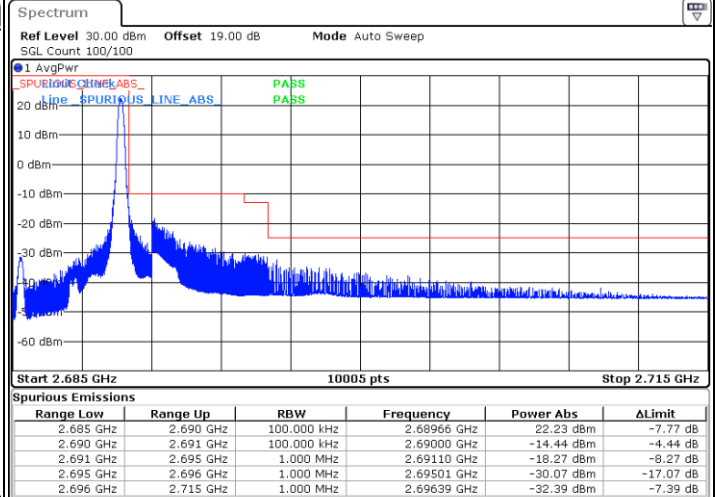
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



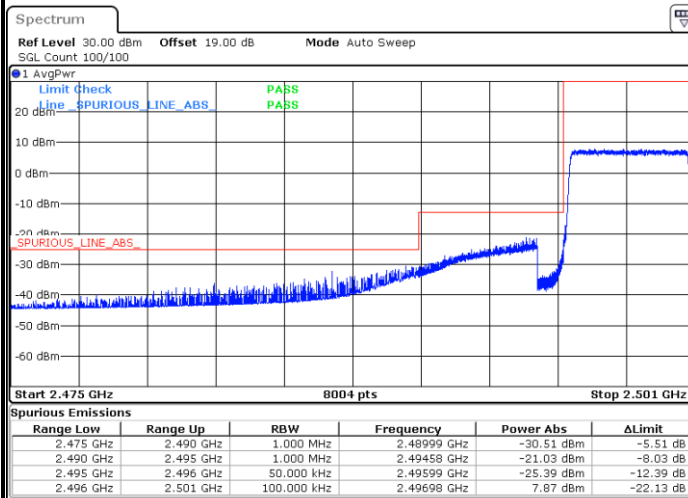
Date: 15.APR.2024 08:51:37

Highest Band Edge / 1 RB



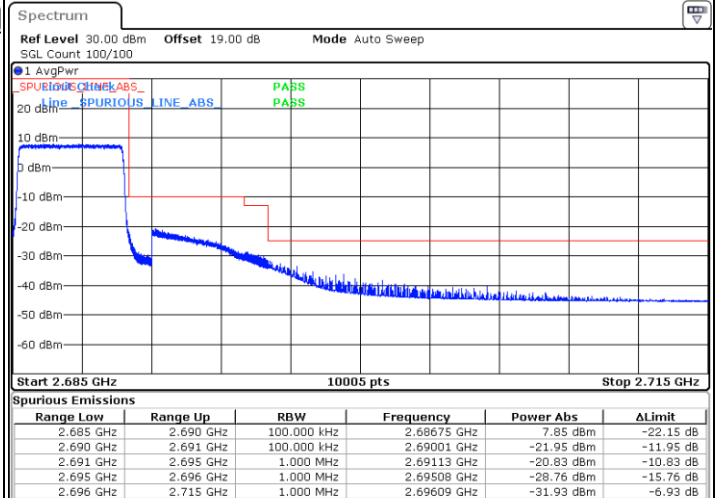
Date: 15.APR.2024 09:02:02

Lowest Band Edge / Full RB



Date: 15.APR.2024 08:52:43

Highest Band Edge / Full RB

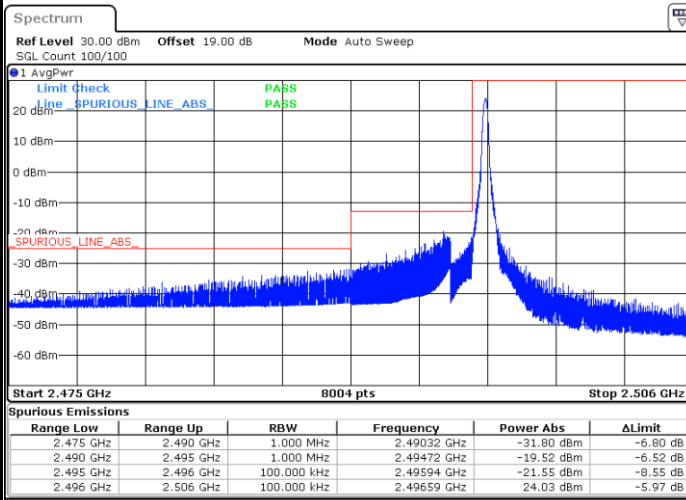


Date: 15.APR.2024 09:03:07

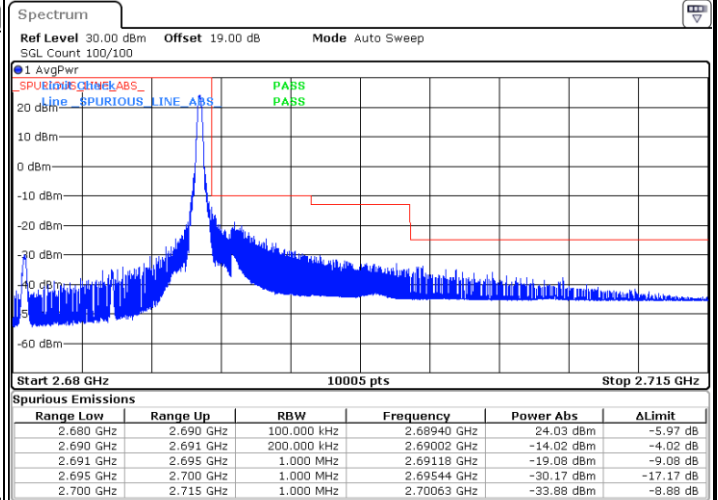


LTE Band 41 / 10MHz / QPSK

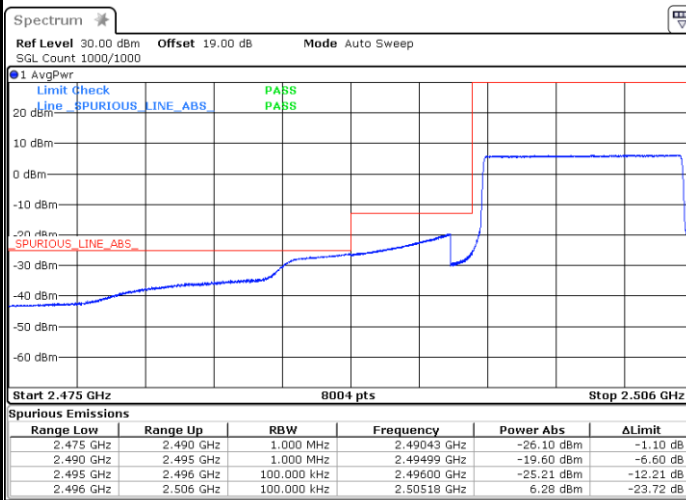
Lowest Band Edge / 1 RB



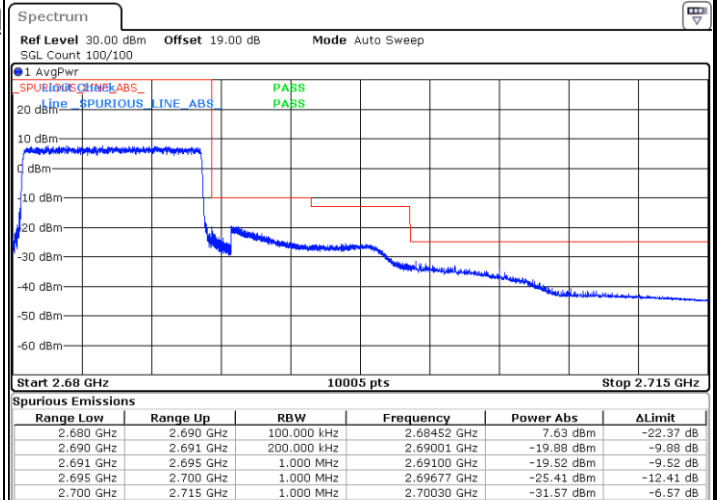
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



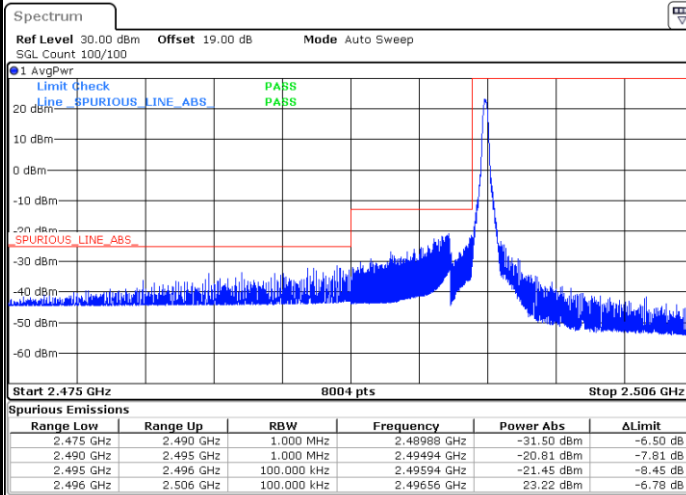
Highest Band Edge / Full RB





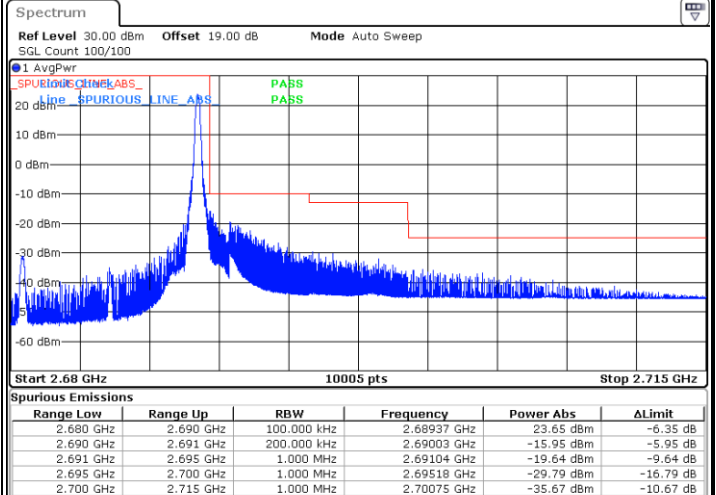
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



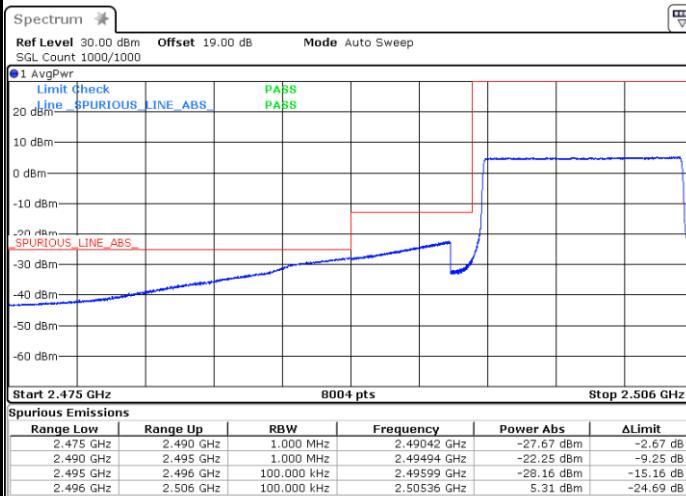
Date: 15.APR.2024 09:09:29

Highest Band Edge / 1 RB



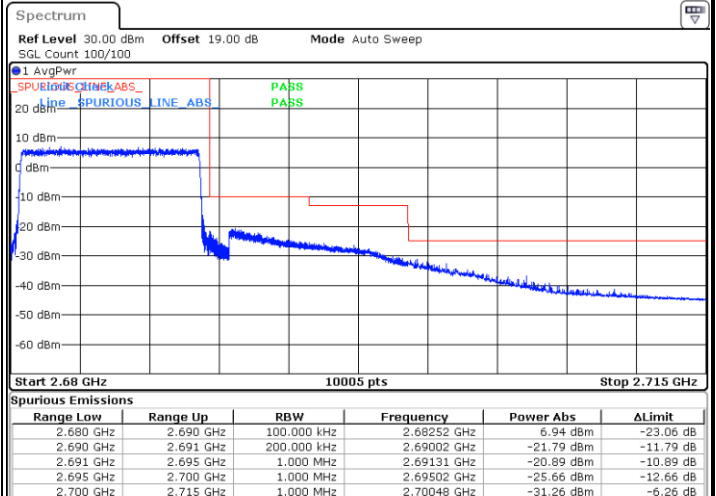
Date: 15.APR.2024 09:19:54

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:25:20

Highest Band Edge / Full RB

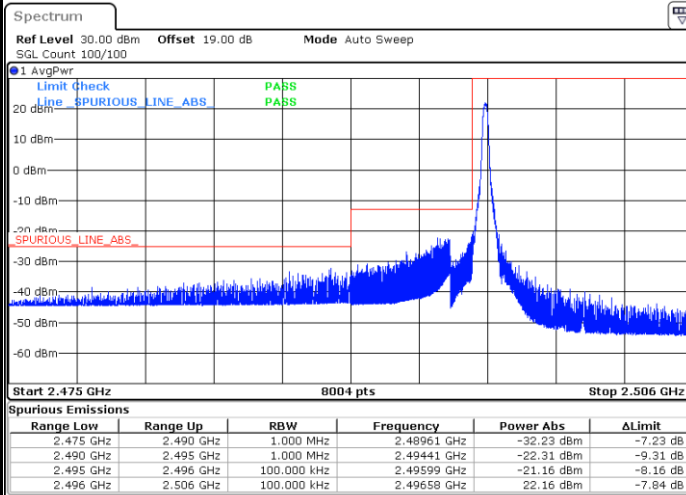


Date: 15.APR.2024 09:23:12



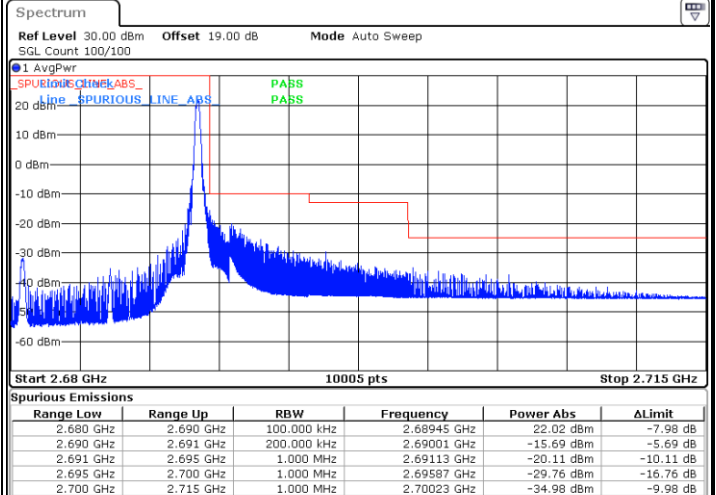
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



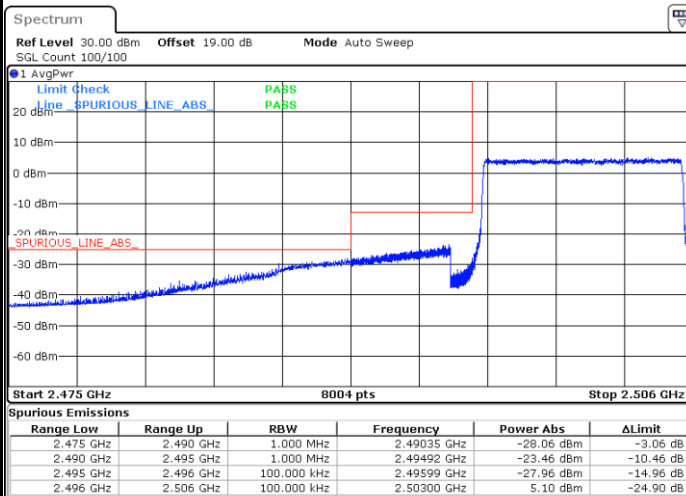
Date: 15.APR.2024 09:10:36

Highest Band Edge / 1 RB



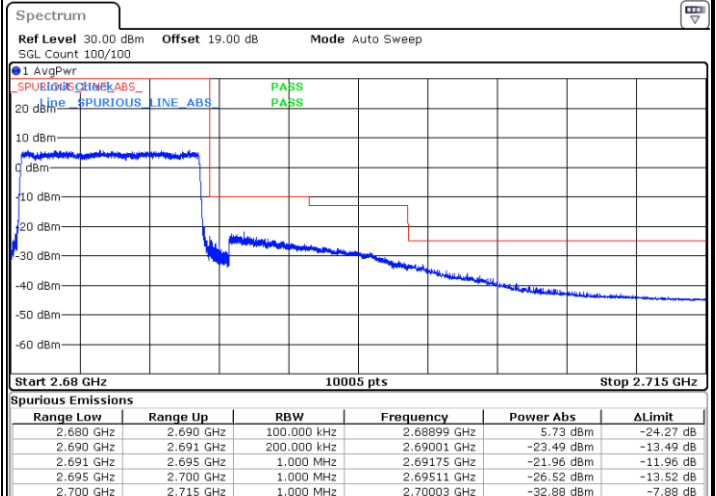
Date: 15.APR.2024 09:21:00

Lowest Band Edge / Full RB



Date: 15.APR.2024 09:11:42

Highest Band Edge / Full RB

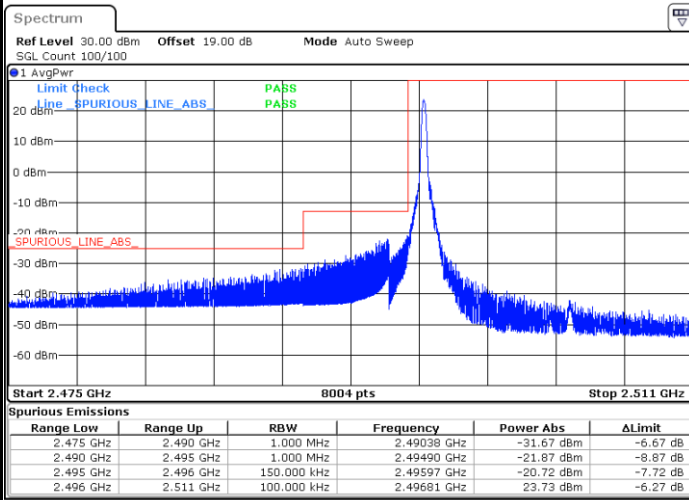


Date: 15.APR.2024 09:22:06

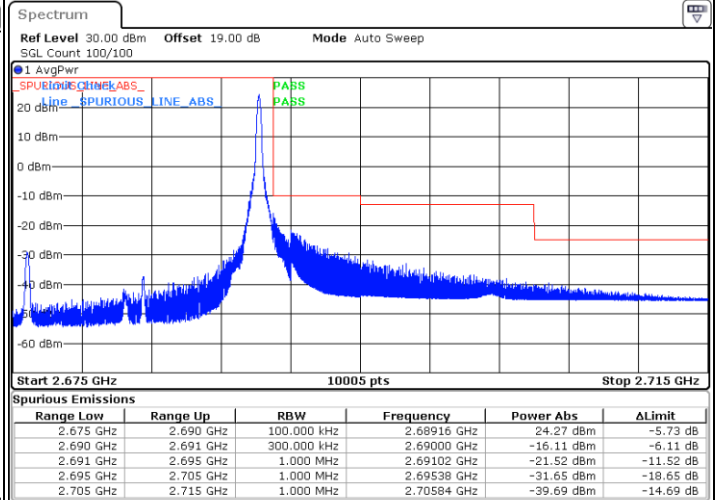


LTE Band 41 / 15MHz / QPSK

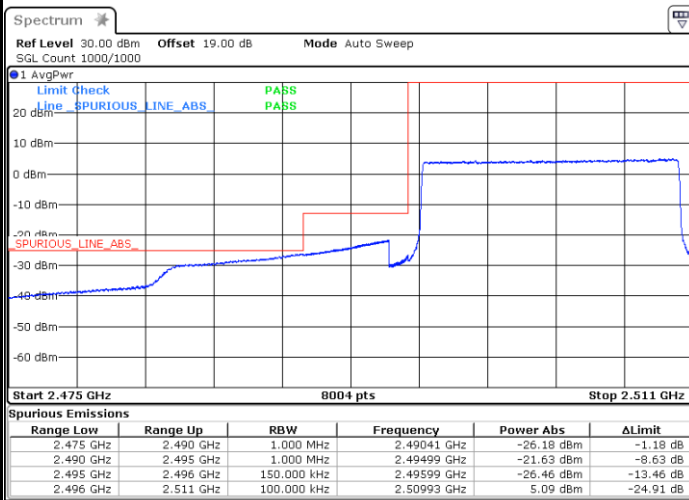
Lowest Band Edge / 1 RB



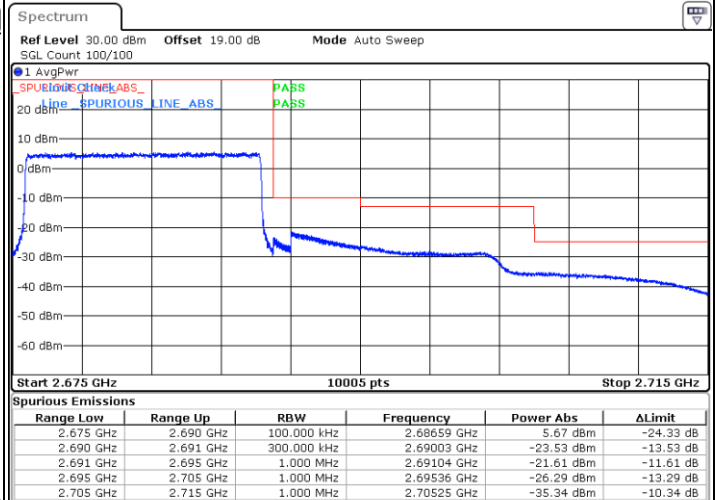
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



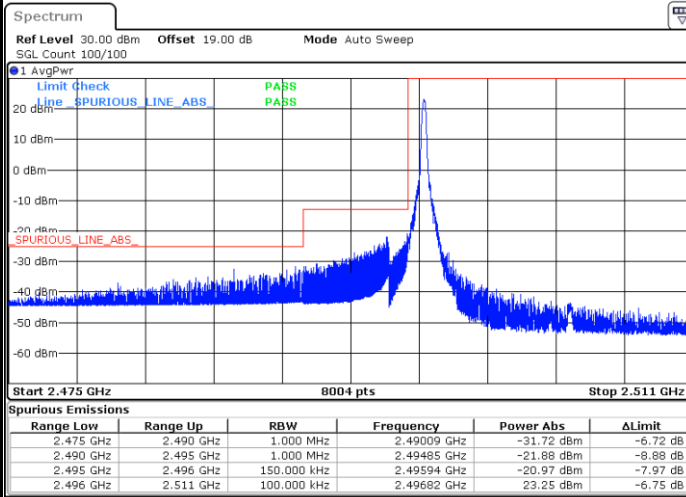
Highest Band Edge / Full RB





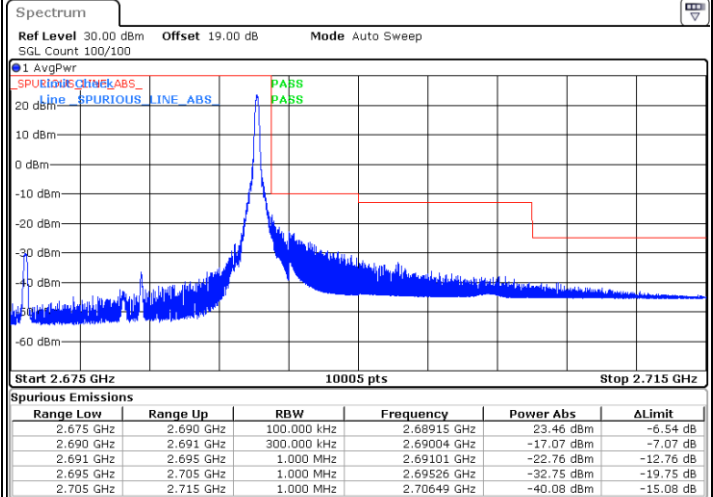
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



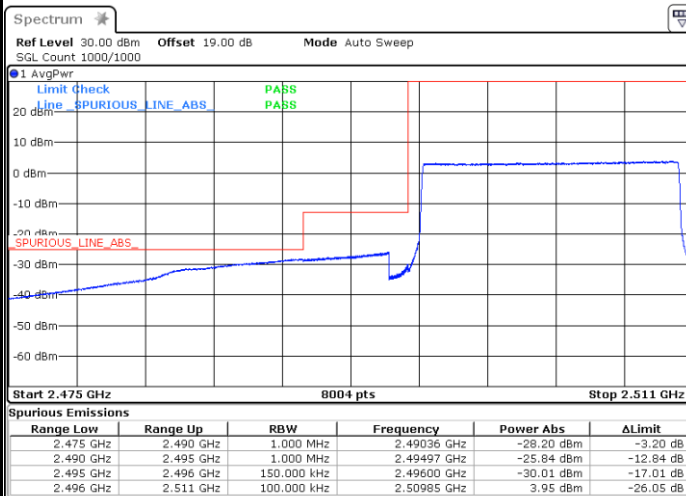
Date: 15.APR.2024 09:28:28

Highest Band Edge / 1 RB



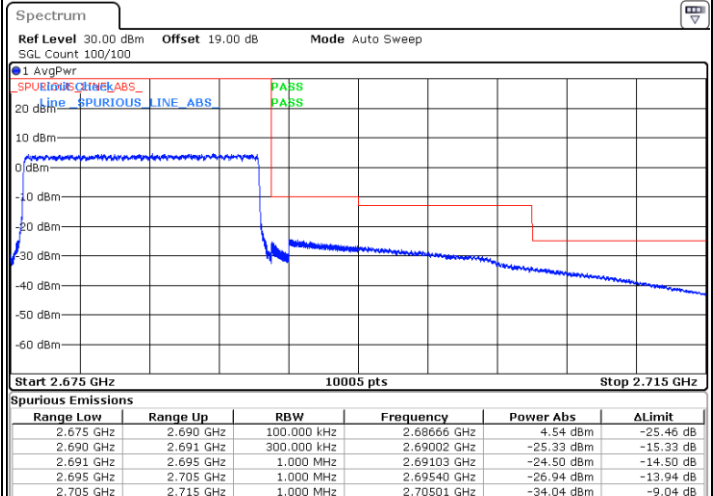
Date: 15.APR.2024 09:38:52

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:57:02

Highest Band Edge / Full RB

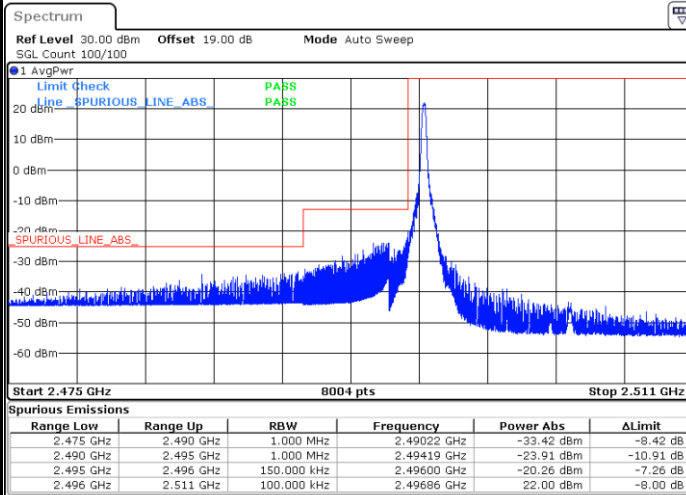


Date: 15.APR.2024 09:42:09



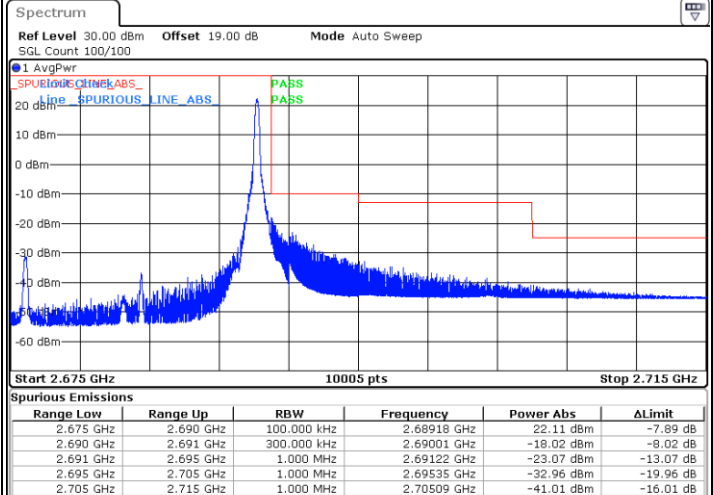
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



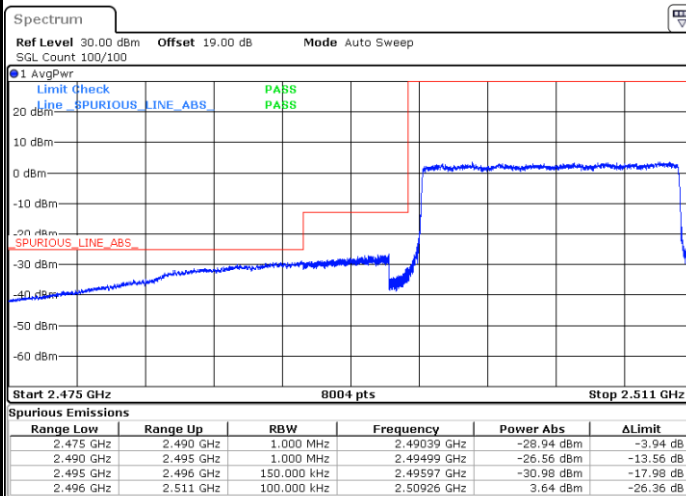
Date: 15.APR.2024 09:29:34

Highest Band Edge / 1 RB



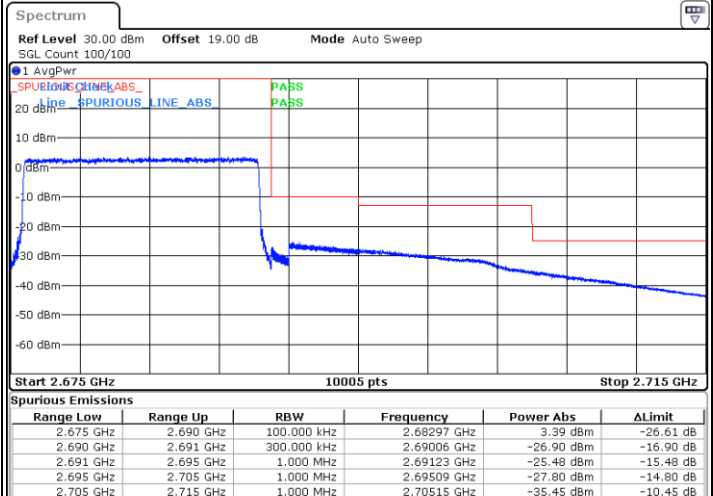
Date: 15.APR.2024 09:39:58

Lowest Band Edge / Full RB



Date: 15.APR.2024 09:30:40

Highest Band Edge / Full RB

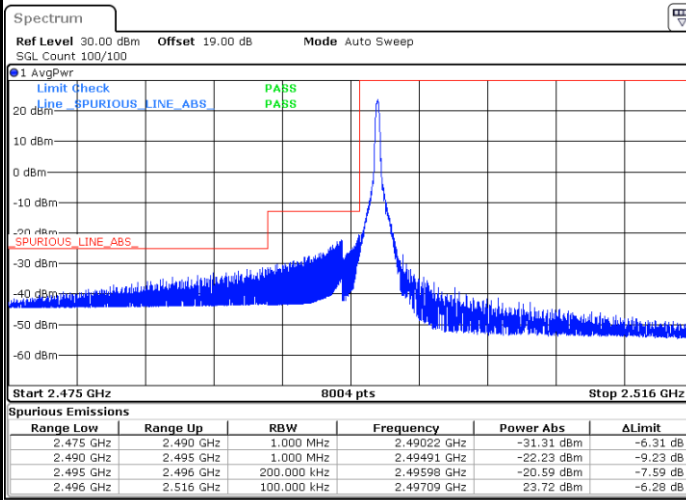


Date: 15.APR.2024 09:41:03

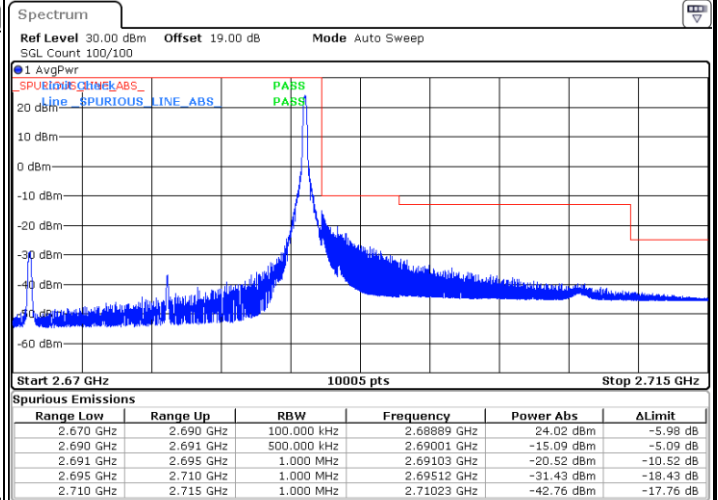


LTE Band 41 / 20MHz / QPSK

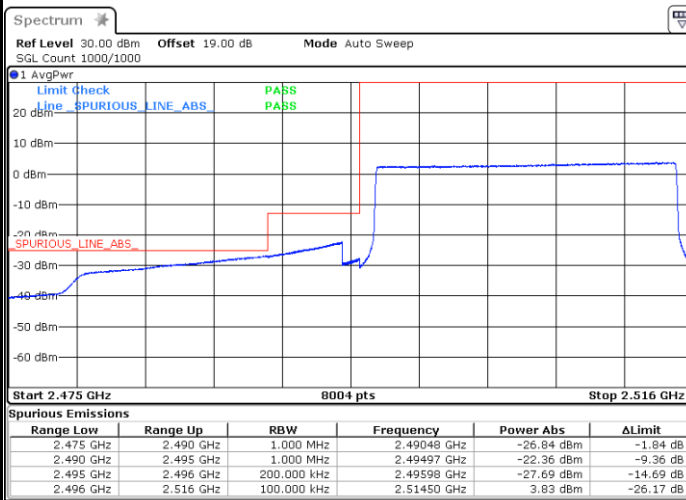
Lowest Band Edge / 1 RB



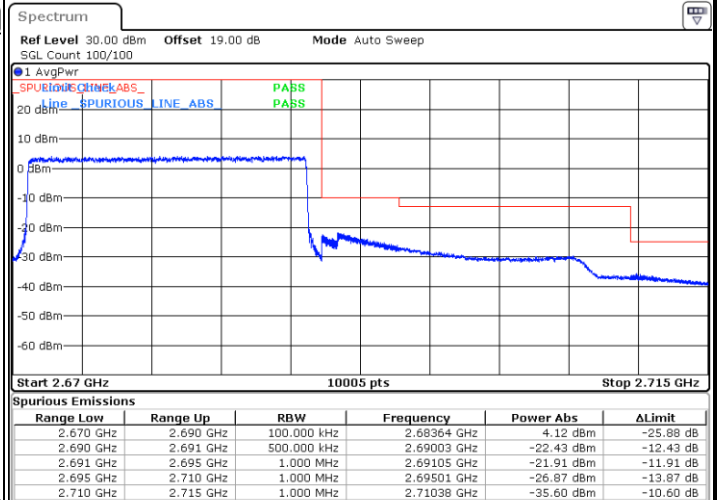
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



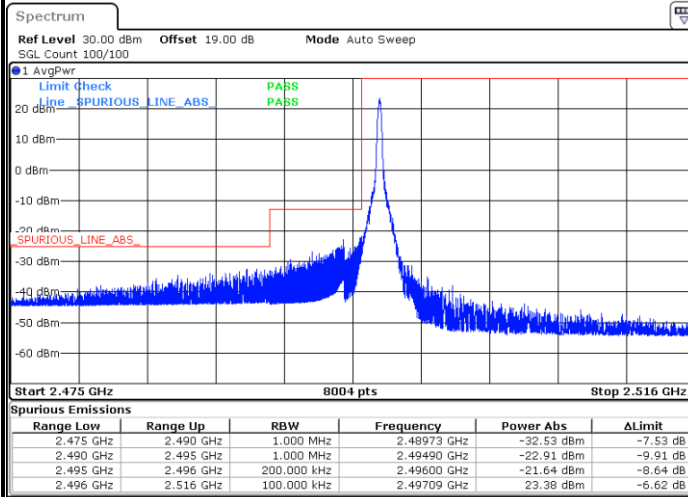
Highest Band Edge / Full RB





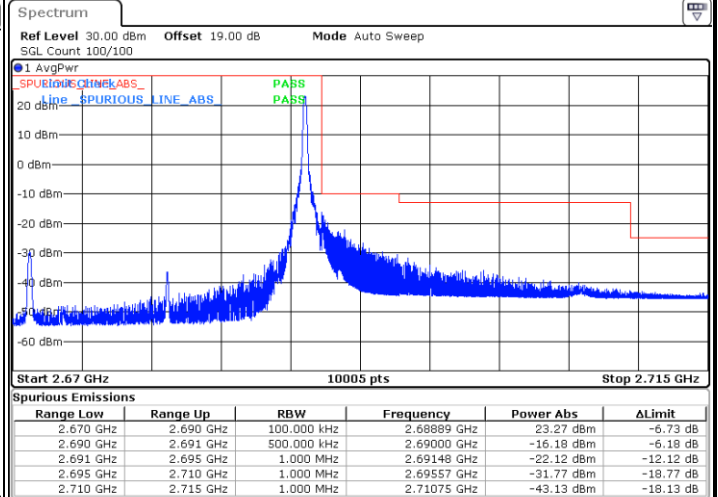
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



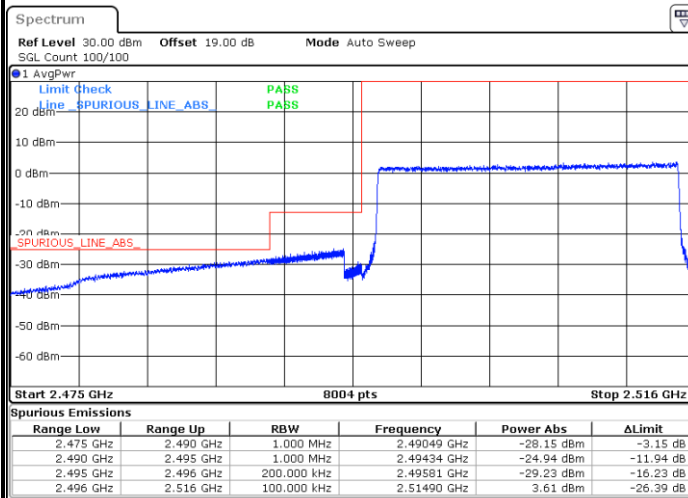
Date: 15.APR.2024 09:47:25

Highest Band Edge / 1 RB



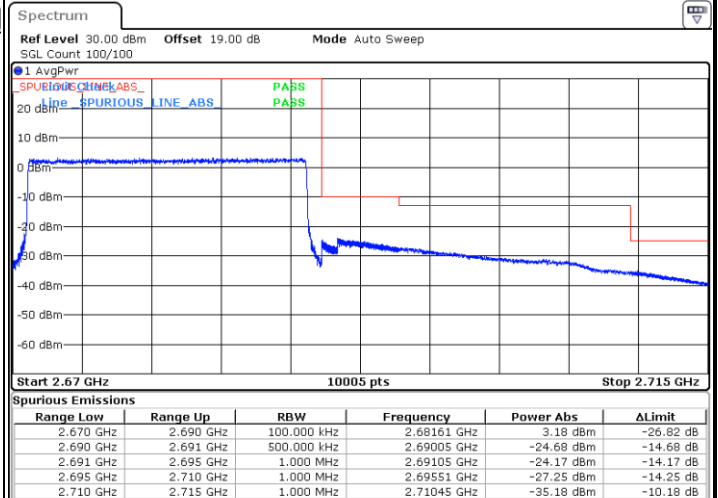
Date: 15.APR.2024 09:59:09

Lowest Band Edge / Full RB



Date: 15.APR.2024 09:50:43

Highest Band Edge / Full RB

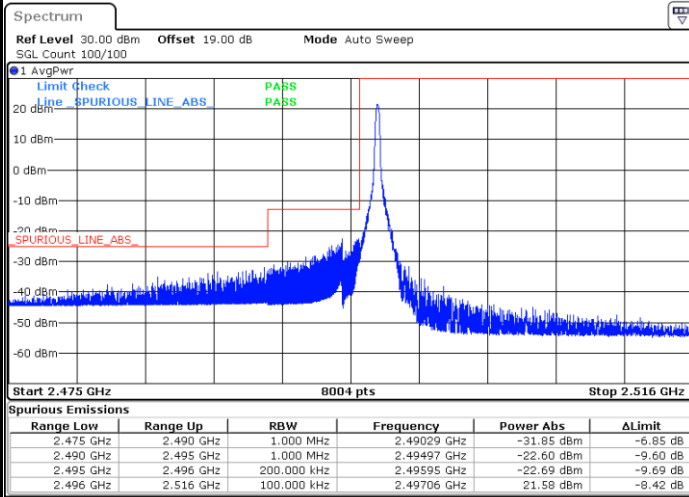


Date: 15.APR.2024 10:02:26

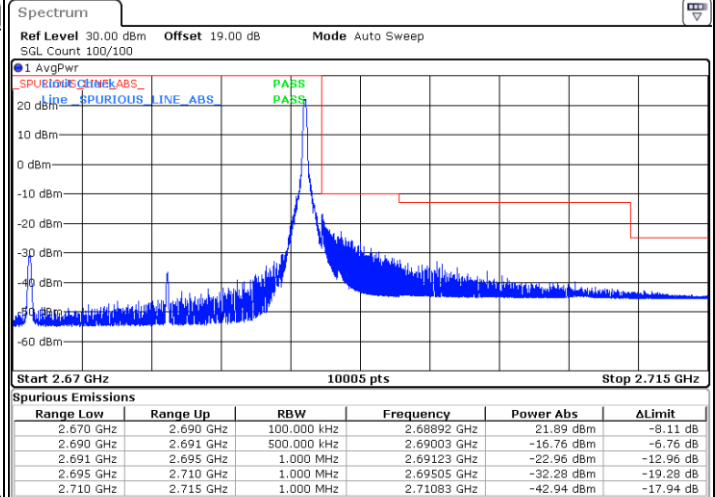


LTE Band 41 / 20MHz / 64QAM

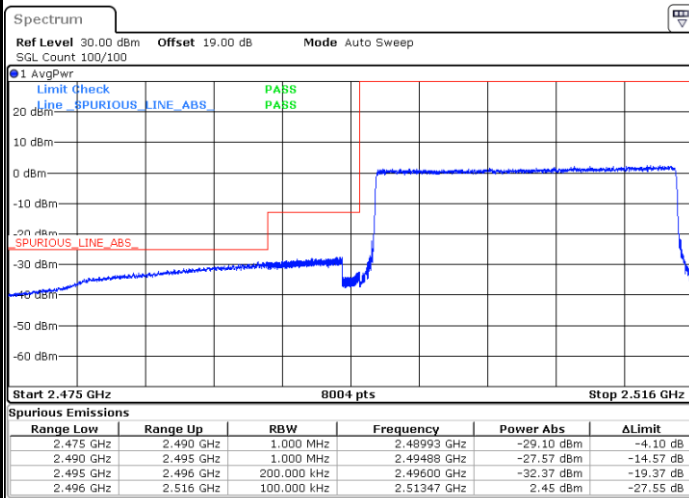
Lowest Band Edge / 1RB



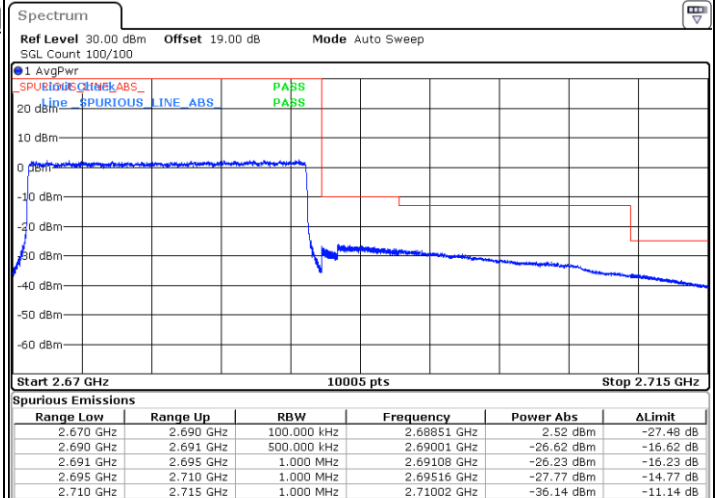
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





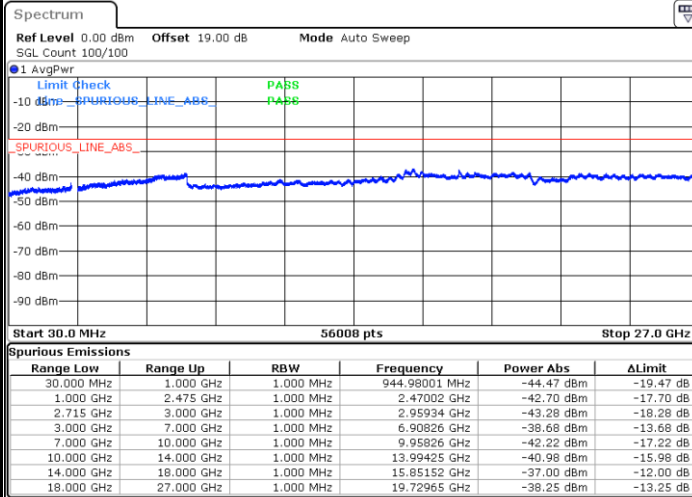
A5.5 Conducted Spurious Emission





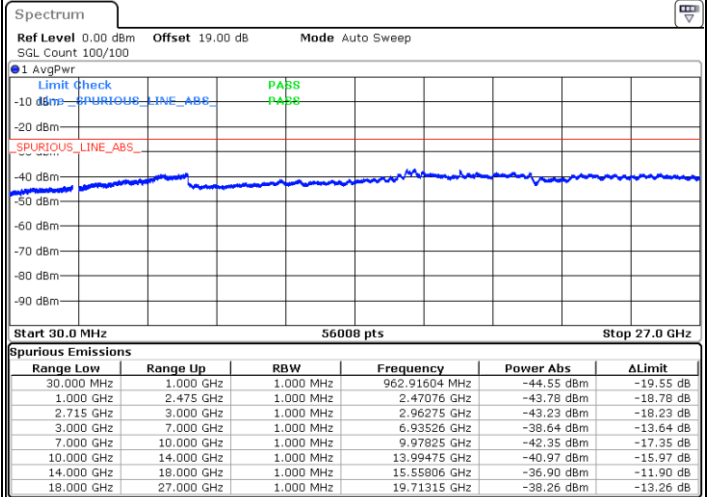
LTE Band 41 / 10MHz

Lowest Channel / QPSK



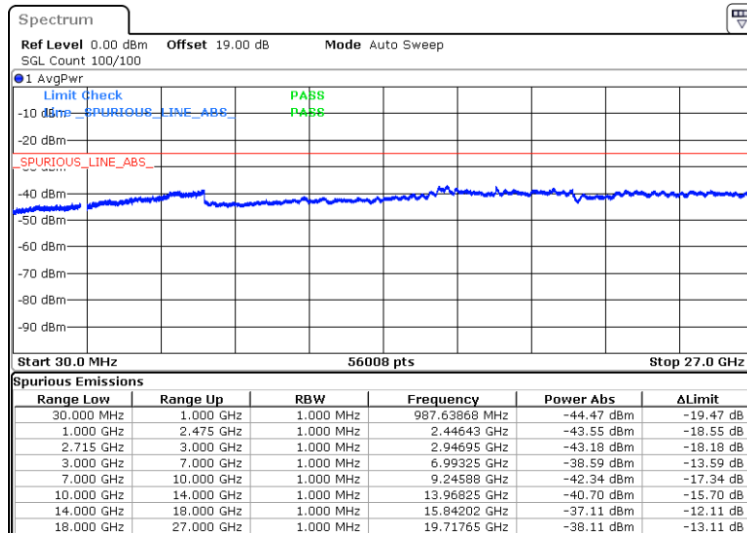
Date: 15.APR.2024 09:15:09

Middle Channel / QPSK



Date: 15.APR.2024 09:16:24

Highest Channel / QPSK

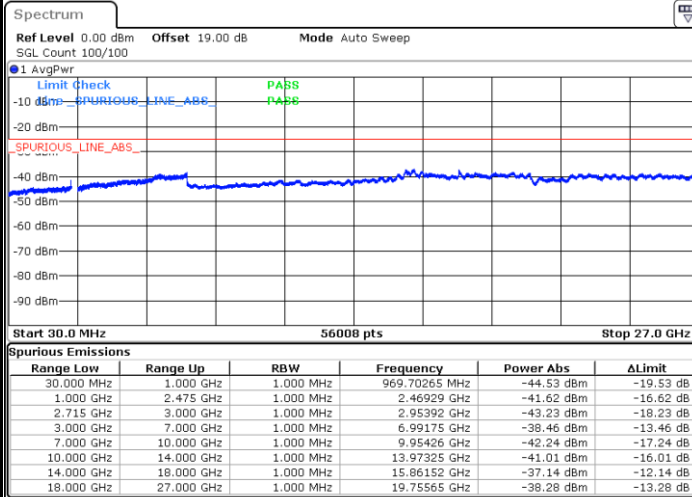


Date: 15.APR.2024 09:25:33



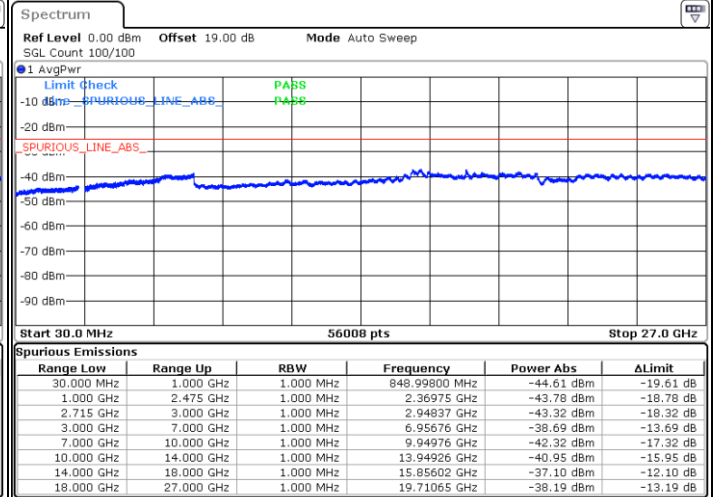
LTE Band 41 / 15MHz

Lowest Channel / QPSK



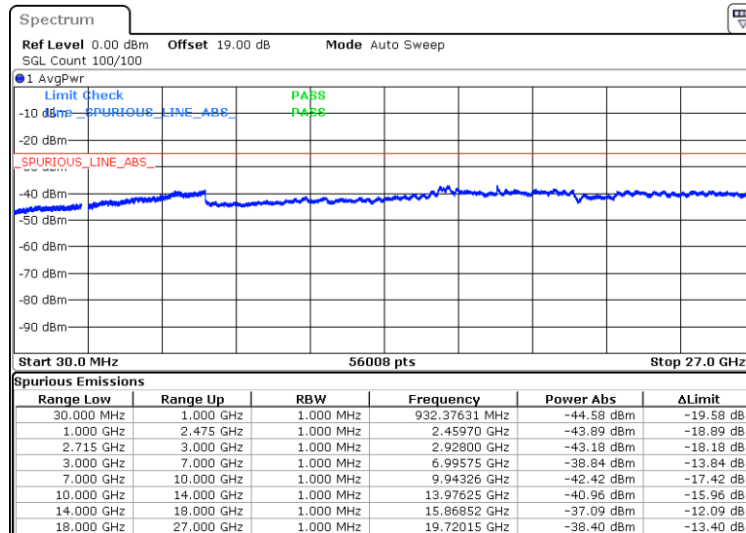
Date: 15.APR.2024 09:34:07

Middle Channel / QPSK



Date: 15.APR.2024 09:35:22

Highest Channel / QPSK



Date: 15.APR.2024 09:44:30