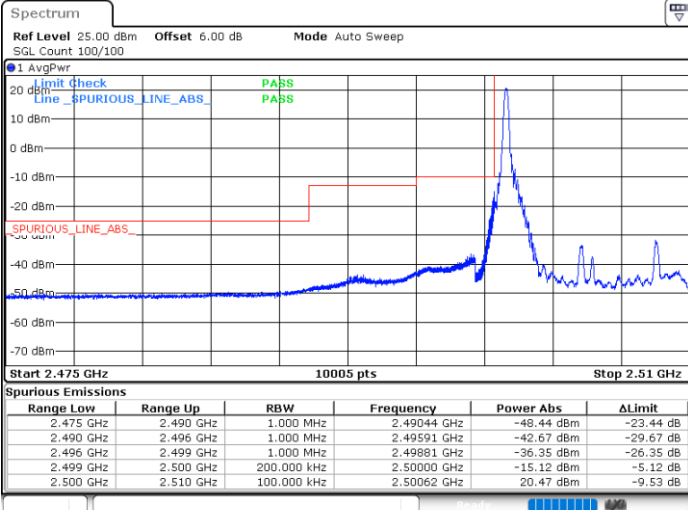




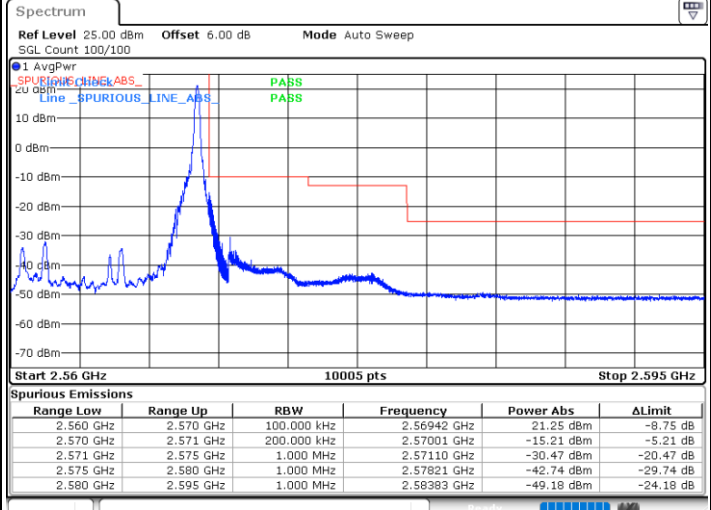
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



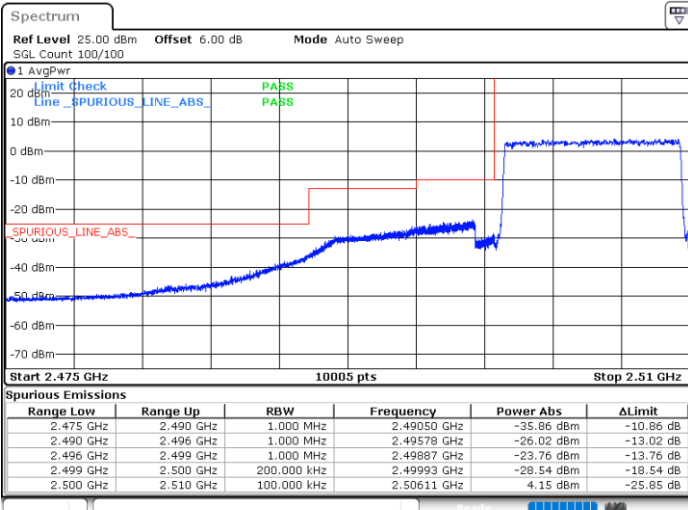
Date: 30.JUL.2024 14:10:39



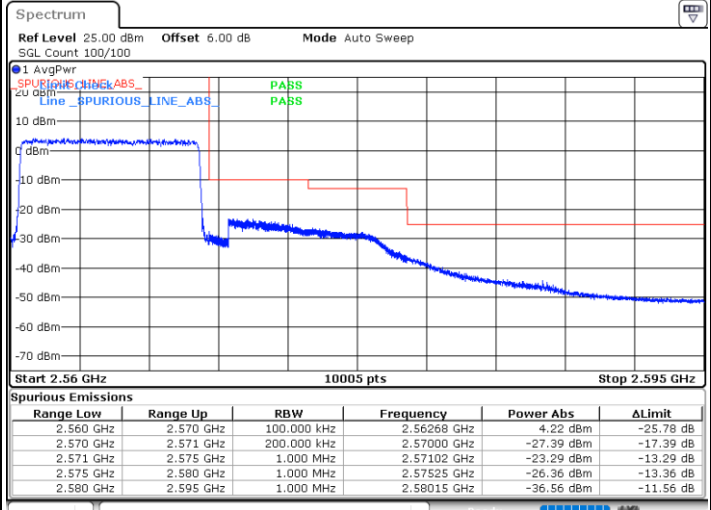
Date: 30.JUL.2024 14:21:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:15:25



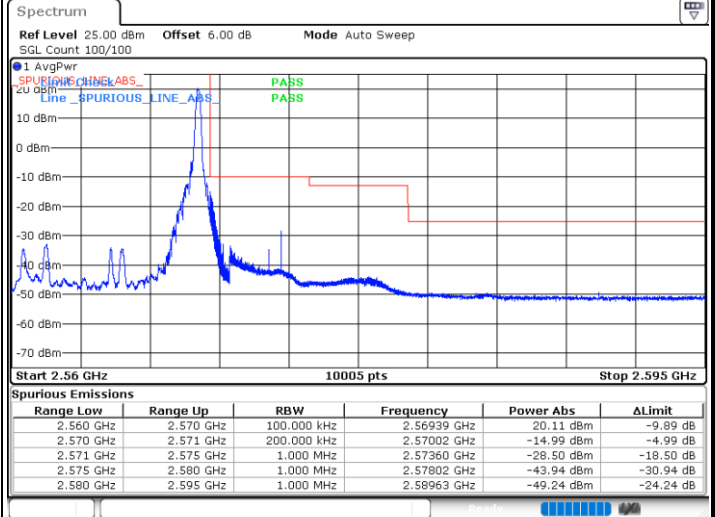
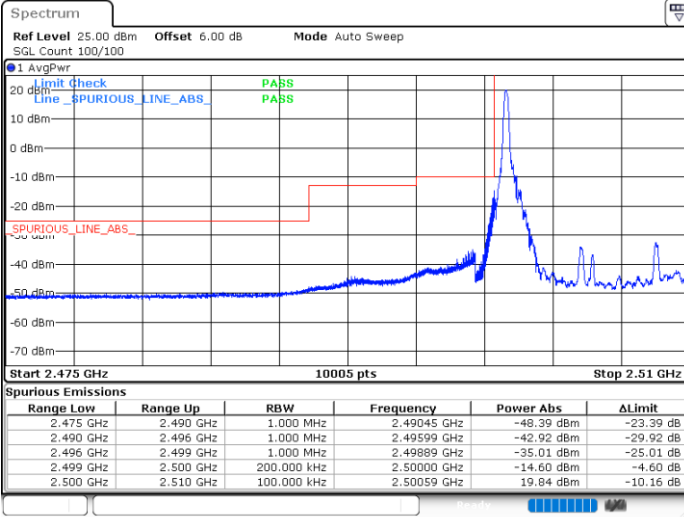
Date: 30.JUL.2024 14:23:41



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

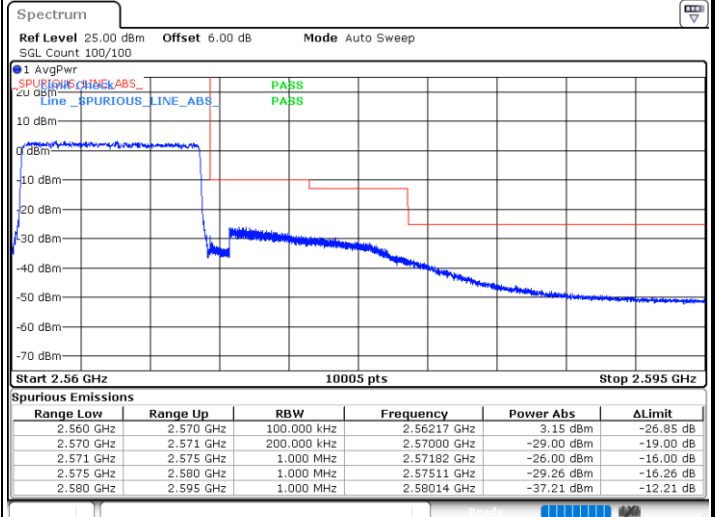
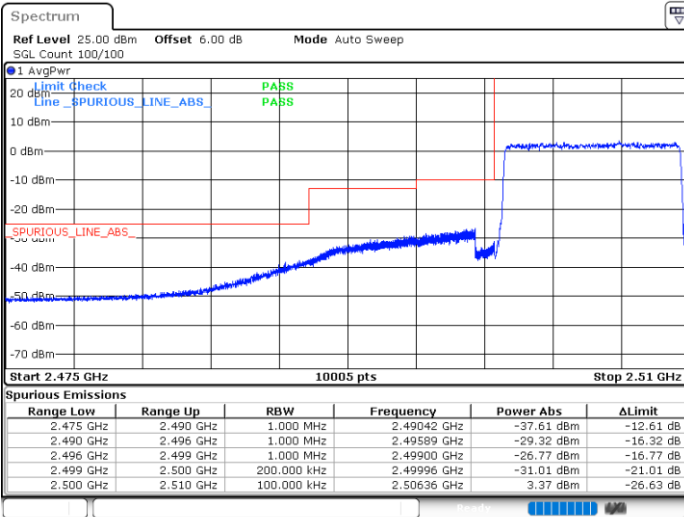


Date: 30.JUL.2024 14:12:07

Date: 30.JUL.2024 14:22:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:15:09

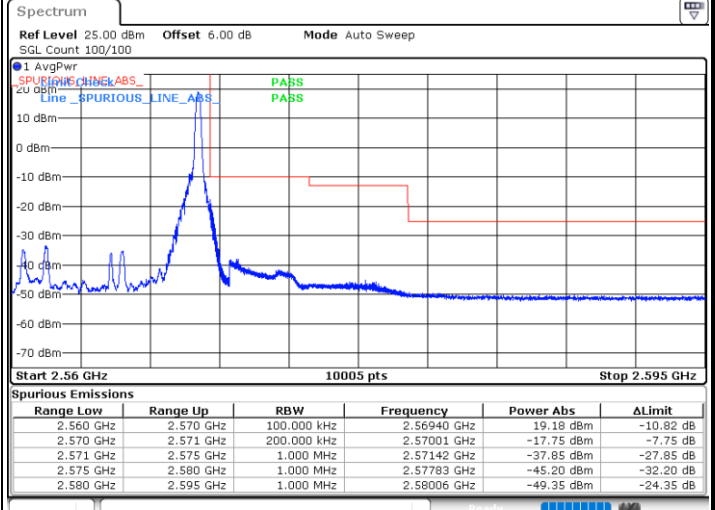
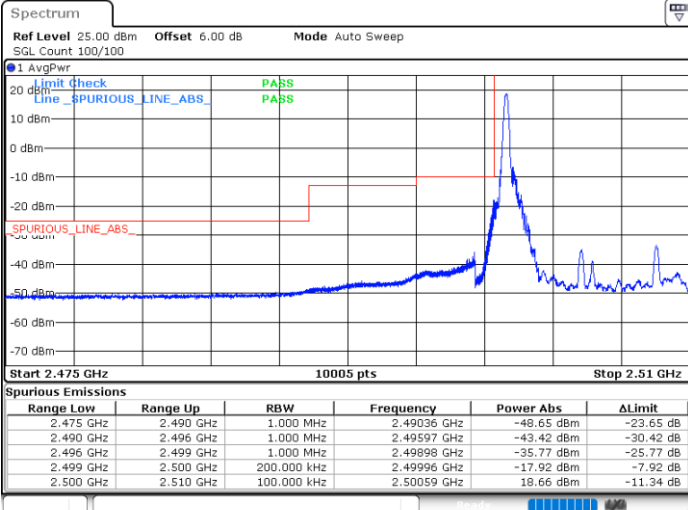
Date: 30.JUL.2024 14:23:28



LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

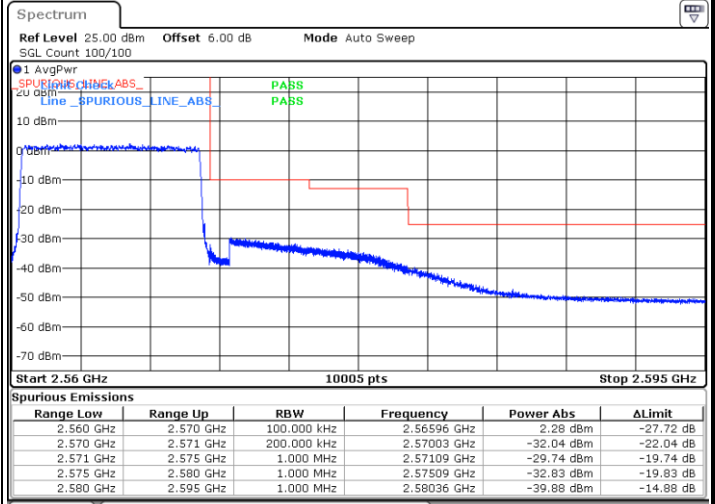
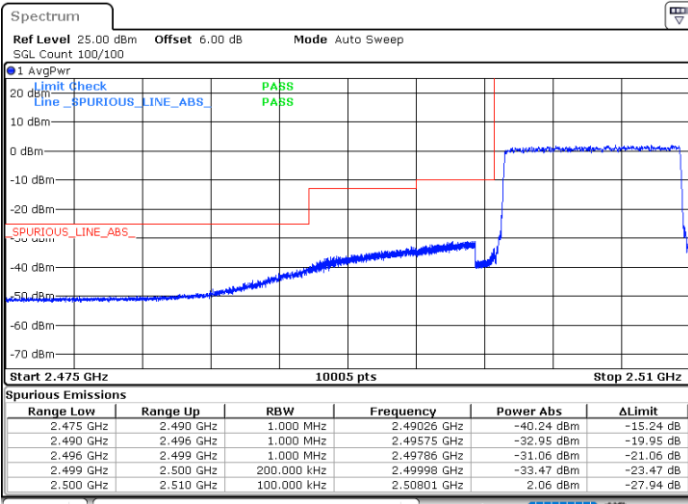


Date: 30.JUL.2024 14:13:12

Date: 30.JUL.2024 14:22:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:14:36

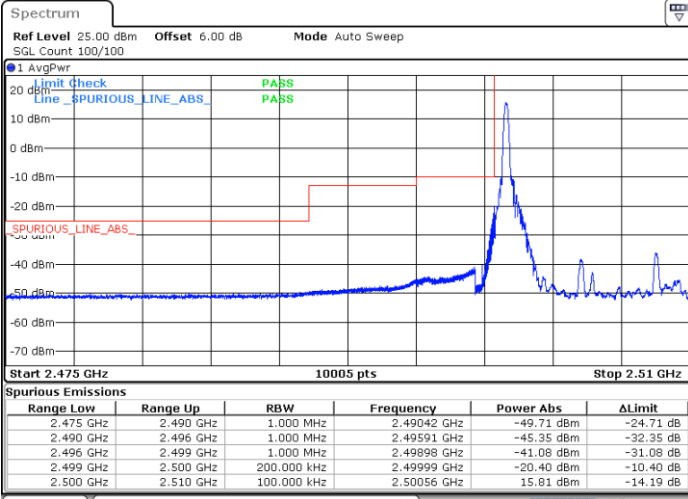
Date: 30.JUL.2024 14:23:15



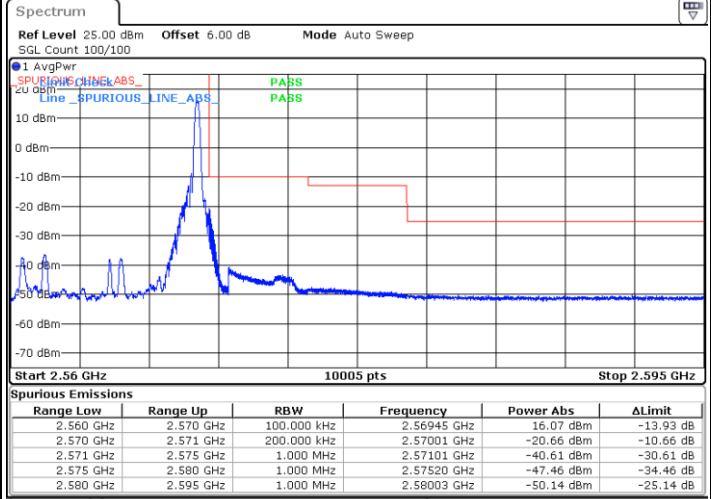
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



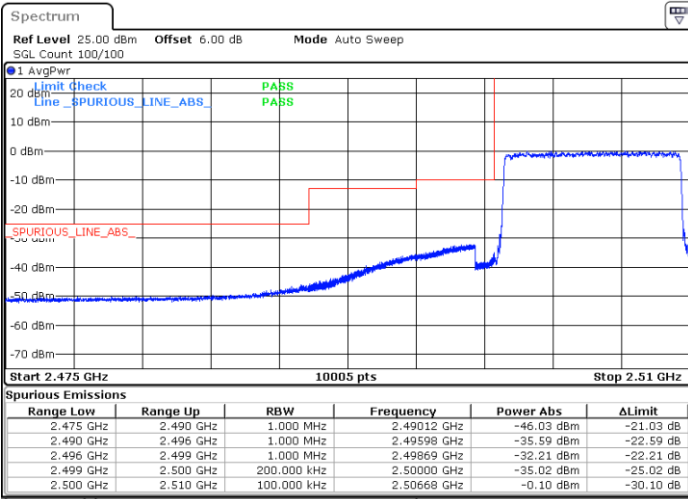
Date: 30.JUL.2024 14:13:31



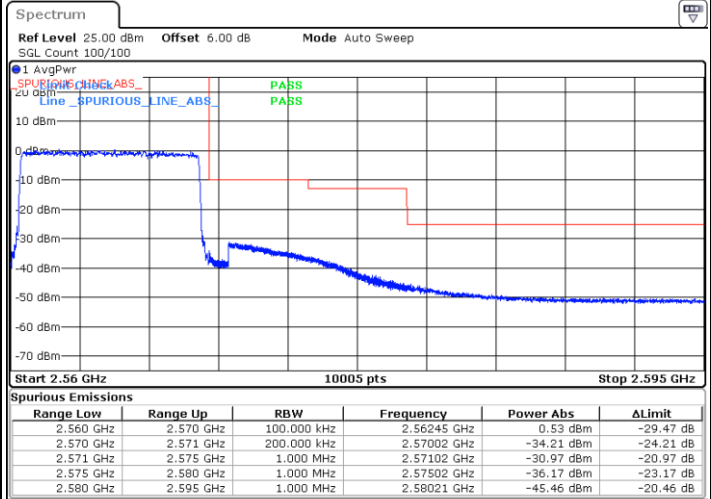
Date: 30.JUL.2024 14:22:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:14:02



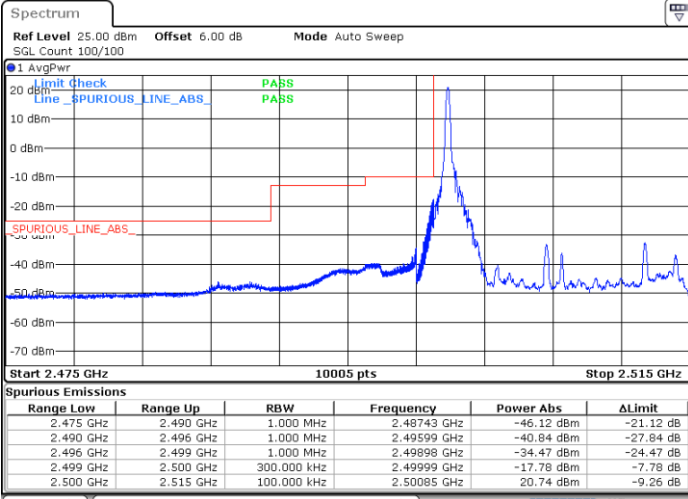
Date: 30.JUL.2024 14:23:01



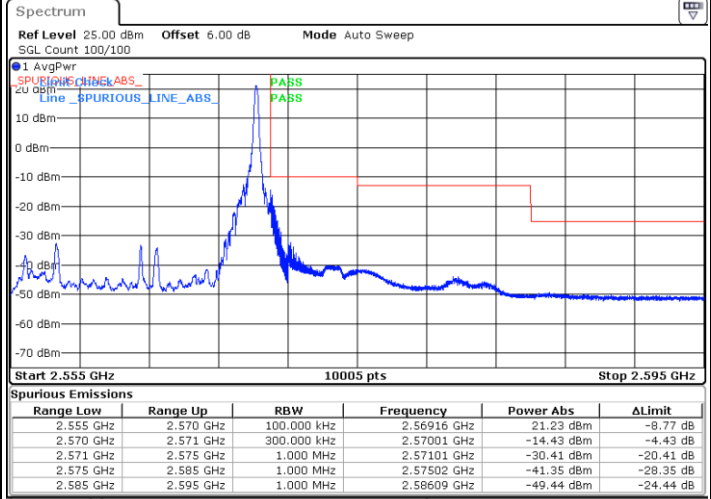
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



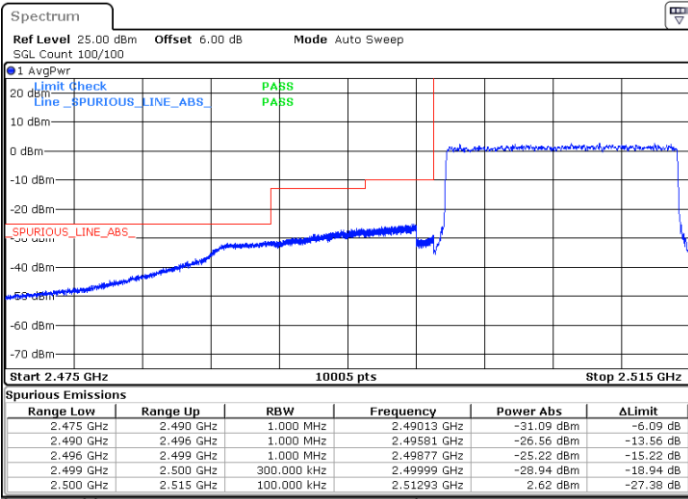
Date: 30.JUL.2024 14:30:24



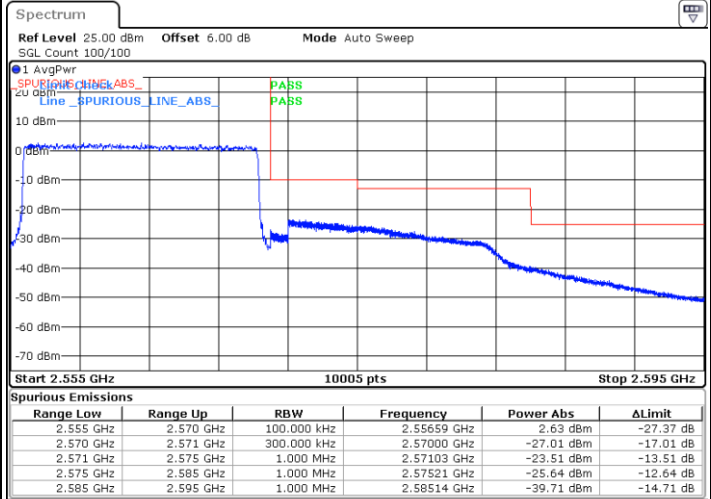
Date: 30.JUL.2024 14:40:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:33:45



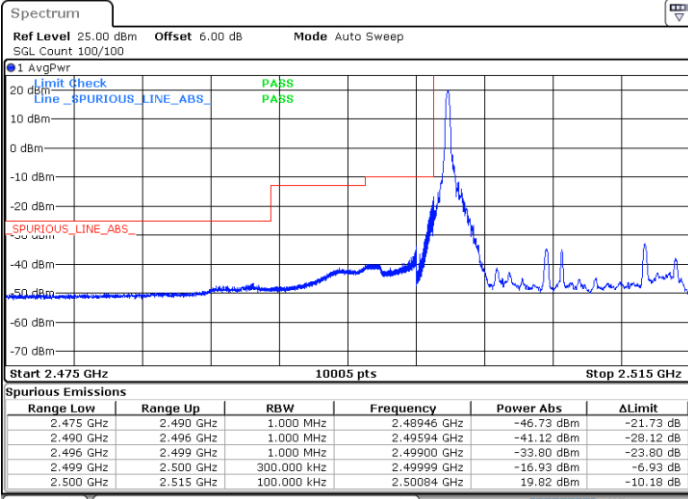
Date: 30.JUL.2024 14:42:38



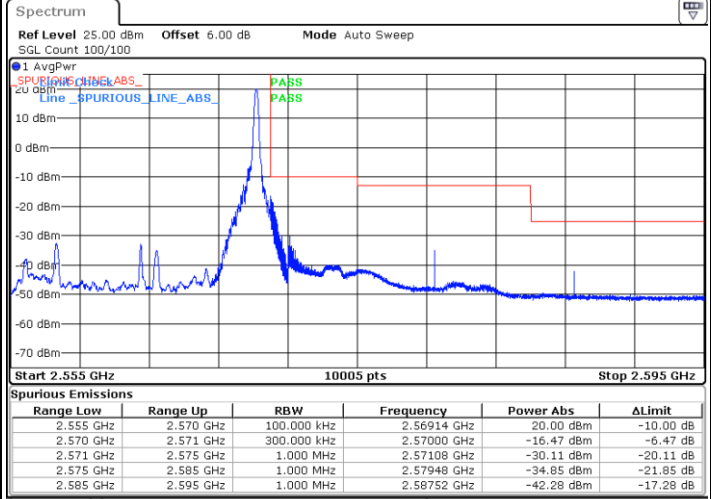
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



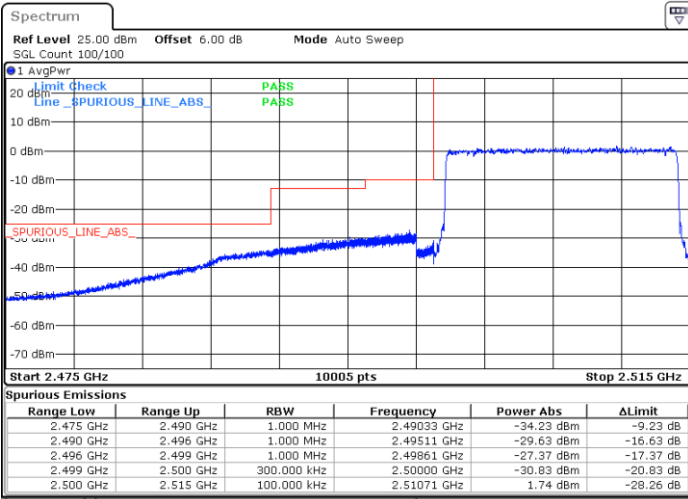
Date: 30.JUL.2024 14:30:43



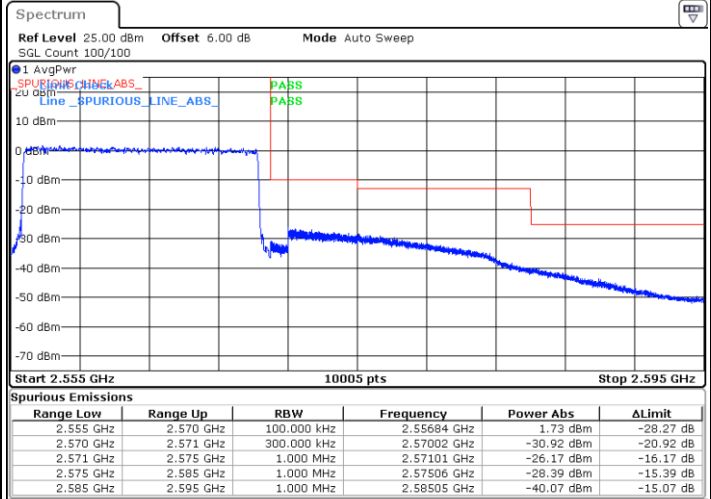
Date: 30.JUL.2024 14:40:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:33:26



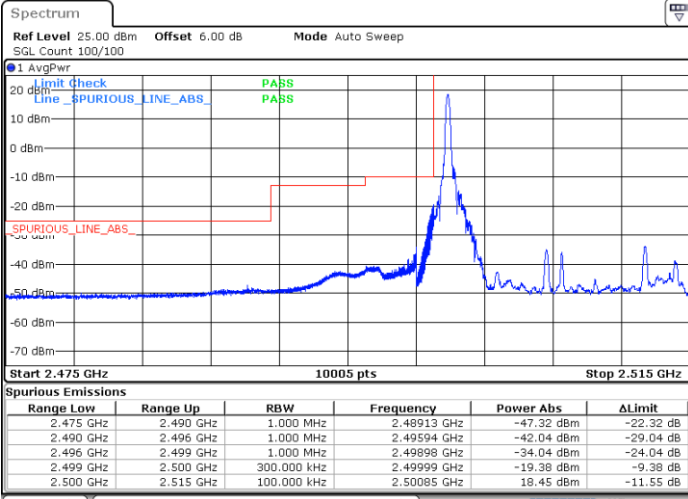
Date: 30.JUL.2024 14:42:10



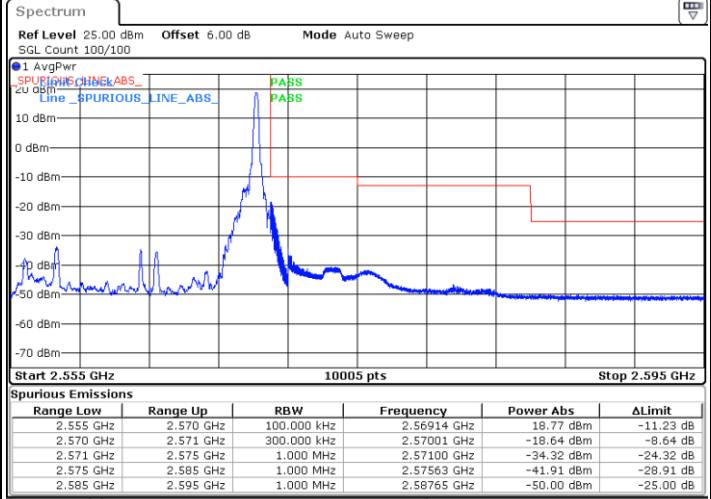
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



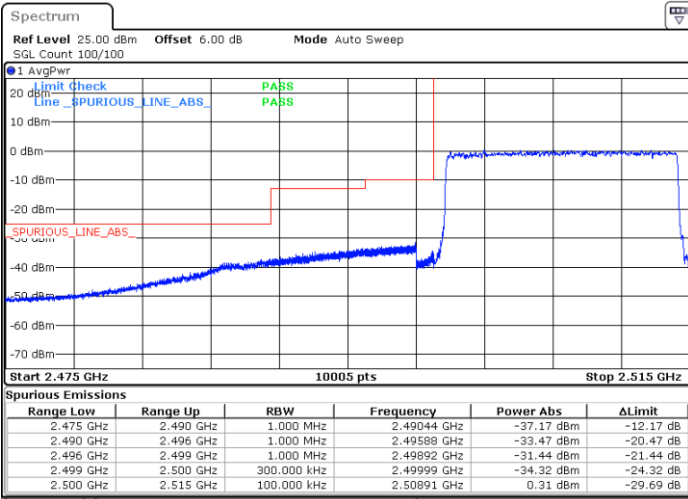
Date: 30.JUL.2024 14:30:57



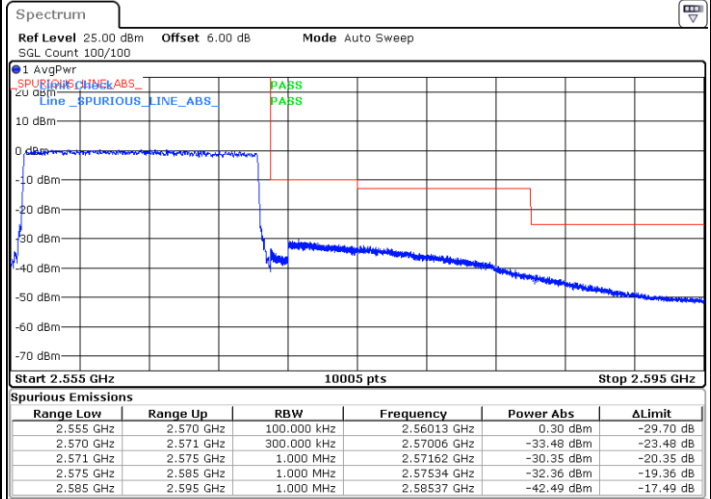
Date: 30.JUL.2024 14:40:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:33:12



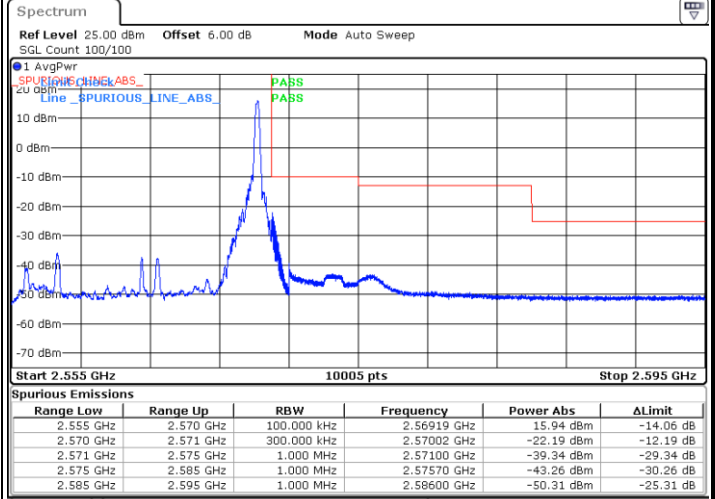
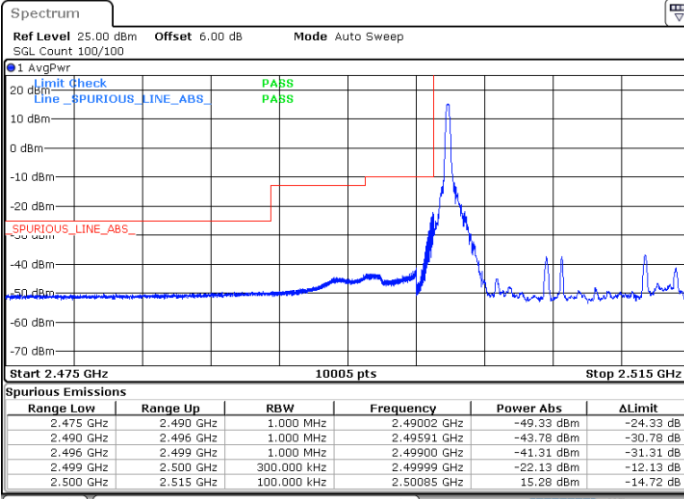
Date: 30.JUL.2024 14:41:54



LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

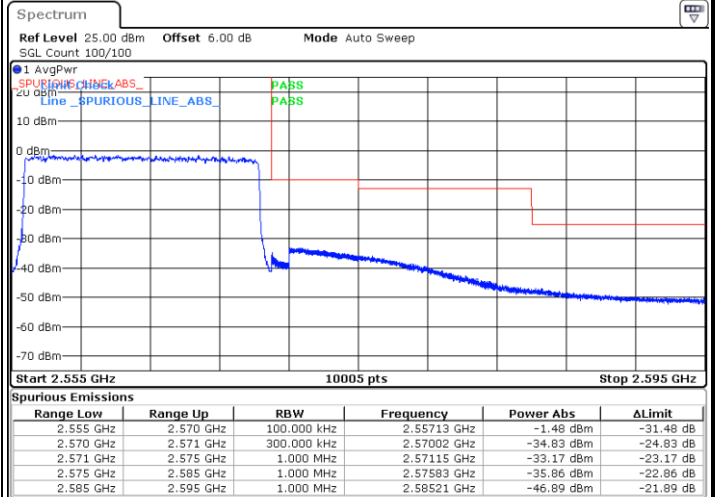
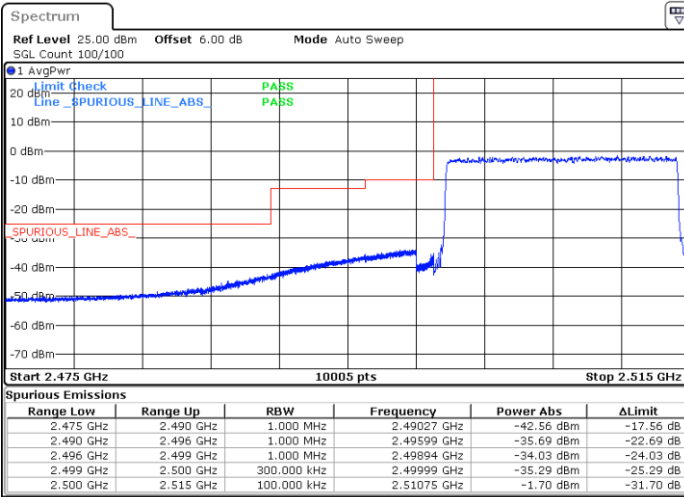


Date: 30.JUL.2024 14:31:25

Date: 30.JUL.2024 14:41:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:31:53

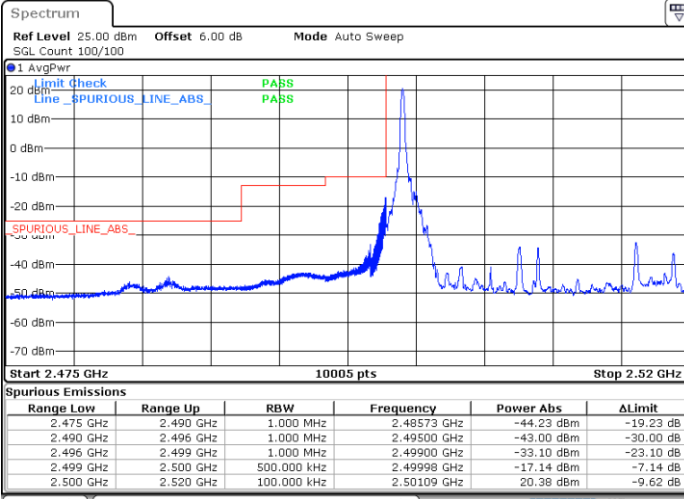
Date: 30.JUL.2024 14:41:31



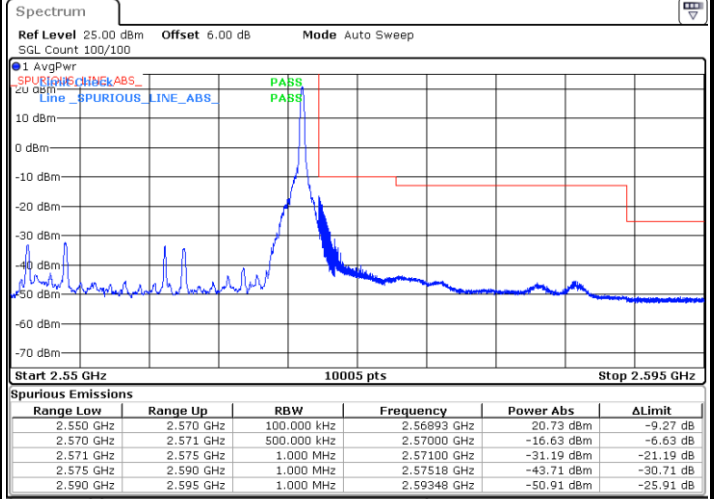
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



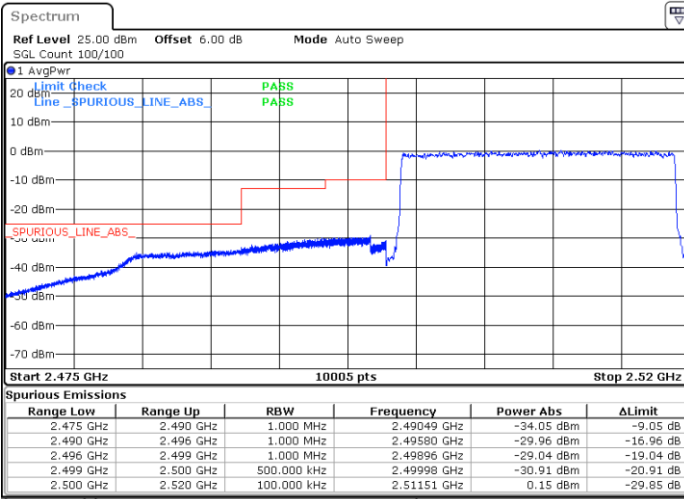
Date: 30.JUL.2024 14:44:59



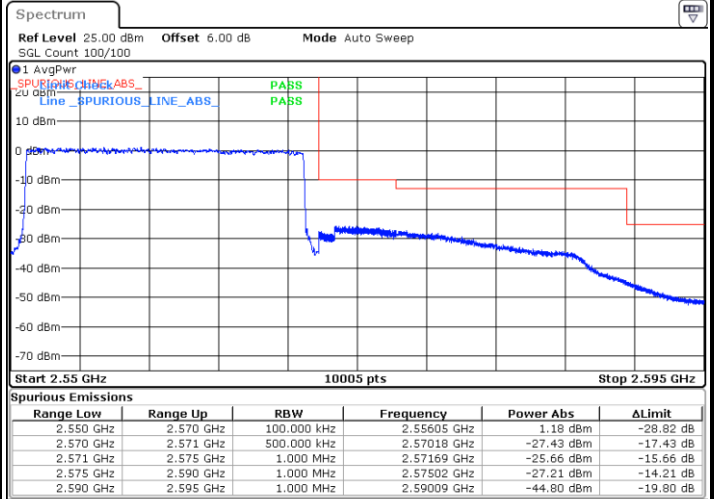
Date: 30.JUL.2024 15:22:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:47:59



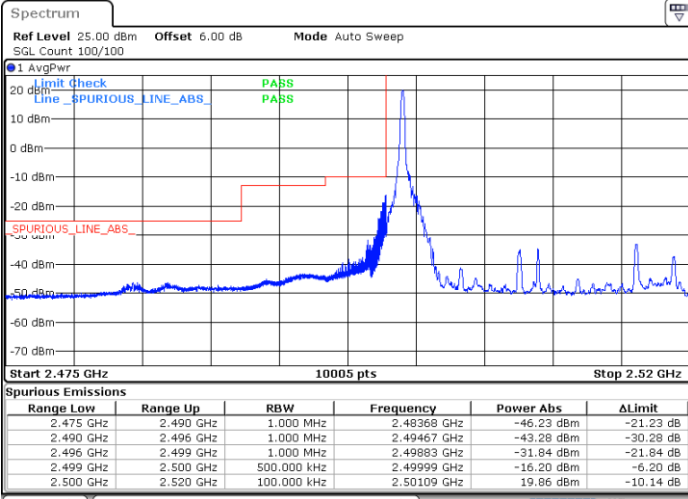
Date: 30.JUL.2024 15:24:43



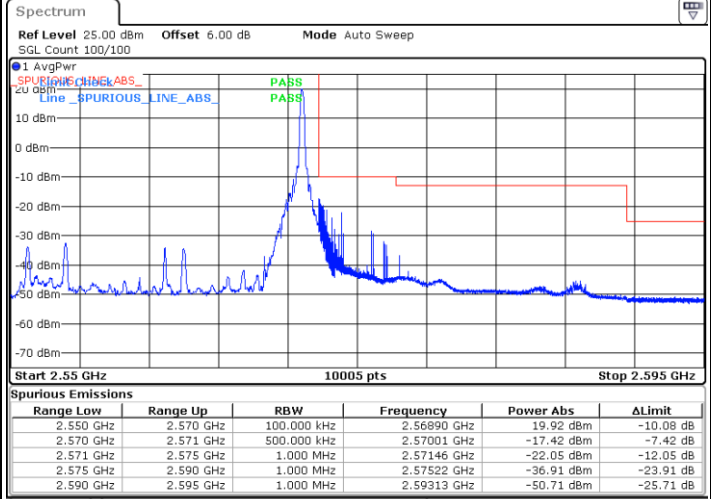
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



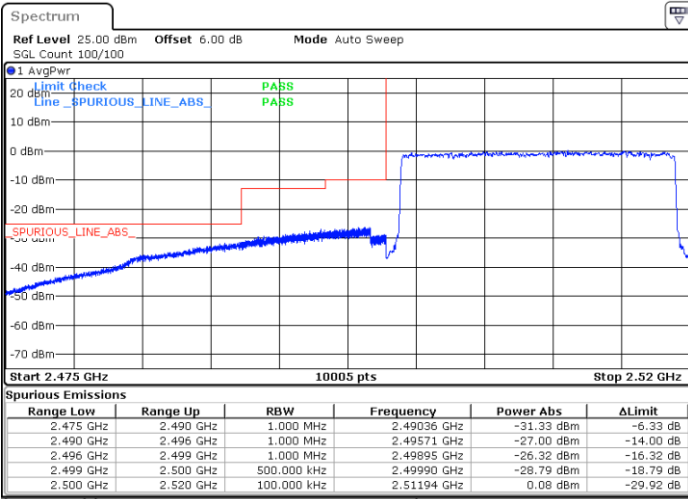
Date: 30.JUL.2024 14:45:17



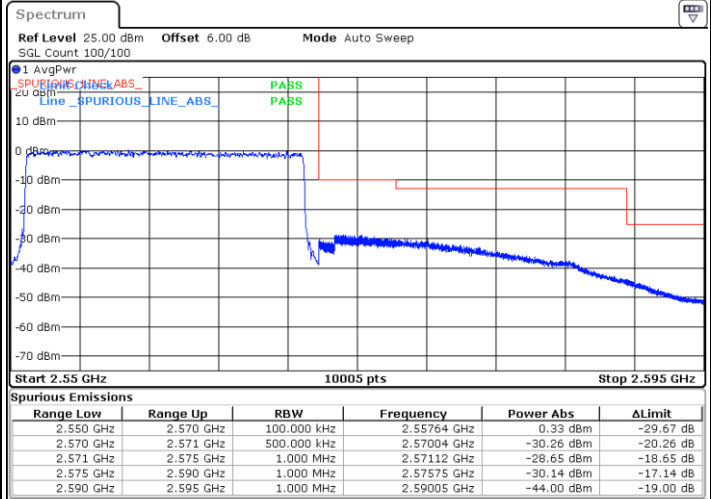
Date: 30.JUL.2024 15:22:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:47:37



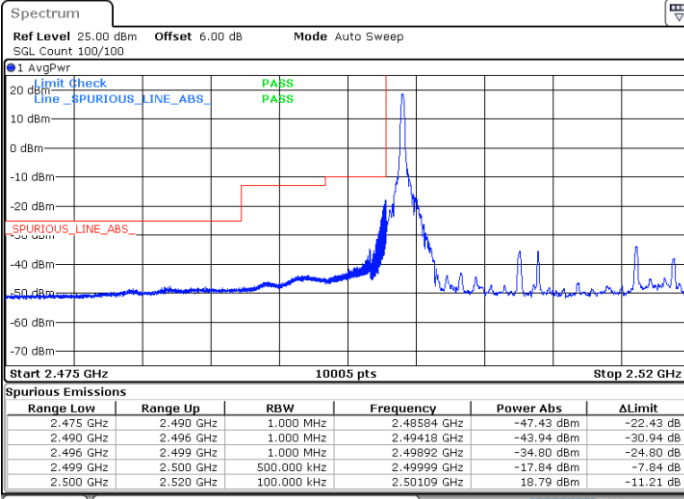
Date: 30.JUL.2024 15:24:21



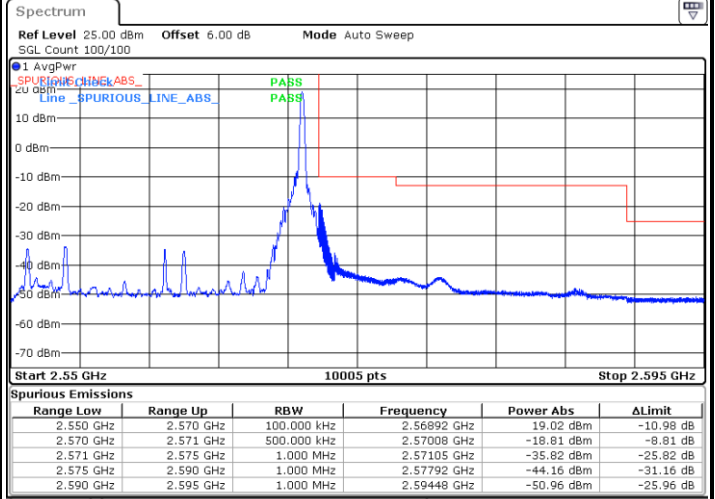
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



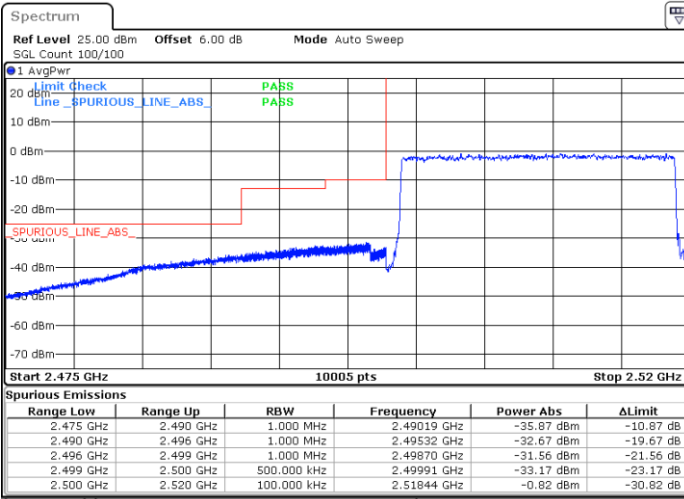
Date: 30.JUL.2024 14:45:30



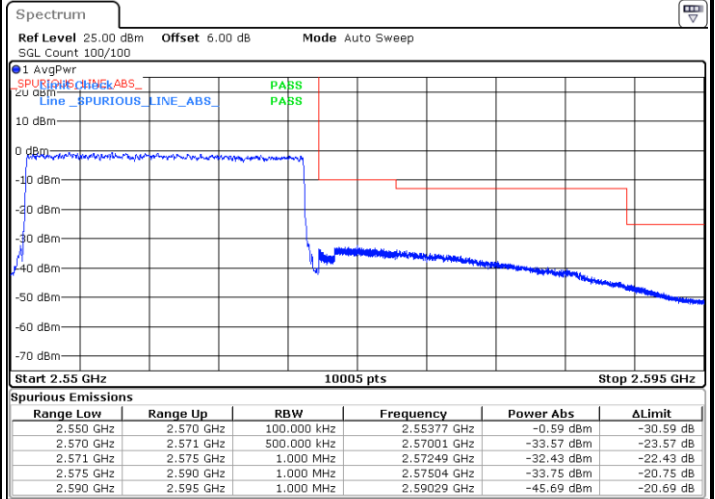
Date: 30.JUL.2024 15:22:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 14:46:34



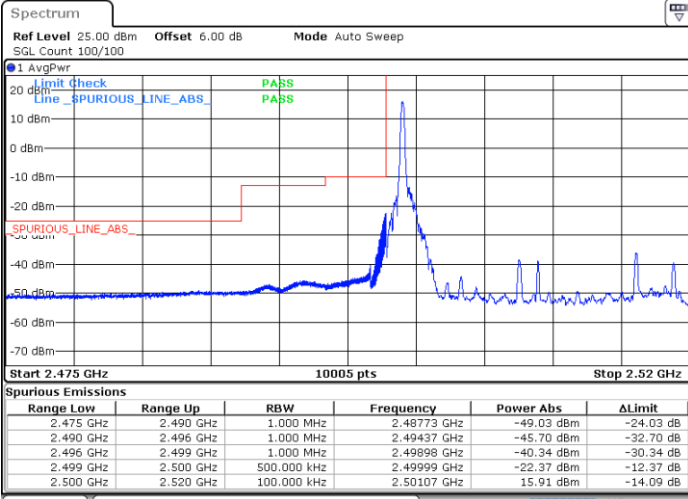
Date: 30.JUL.2024 15:24:05



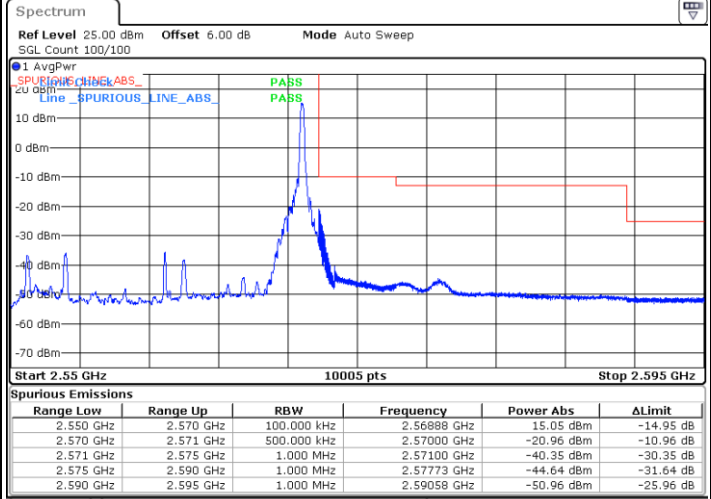
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



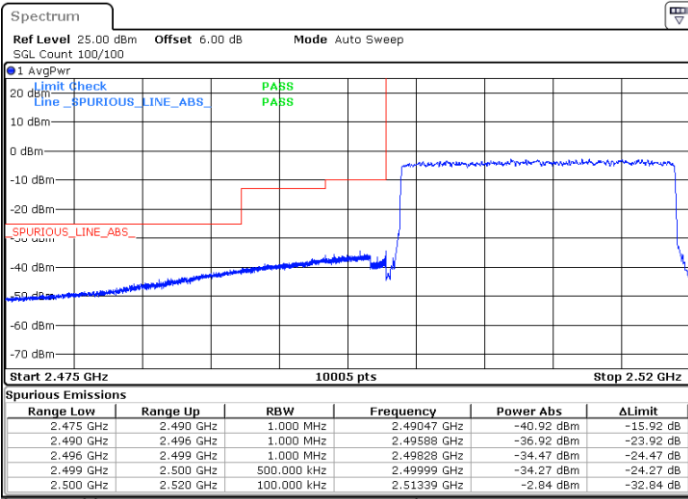
Date: 30.JUL.2024 14:45:44



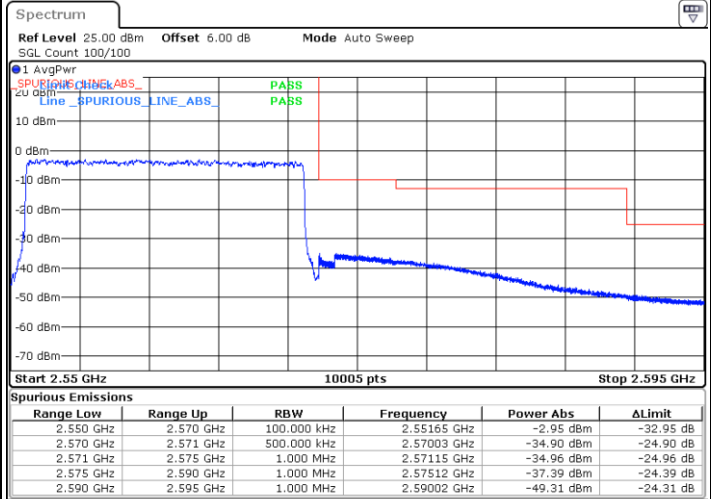
Date: 30.JUL.2024 15:22:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



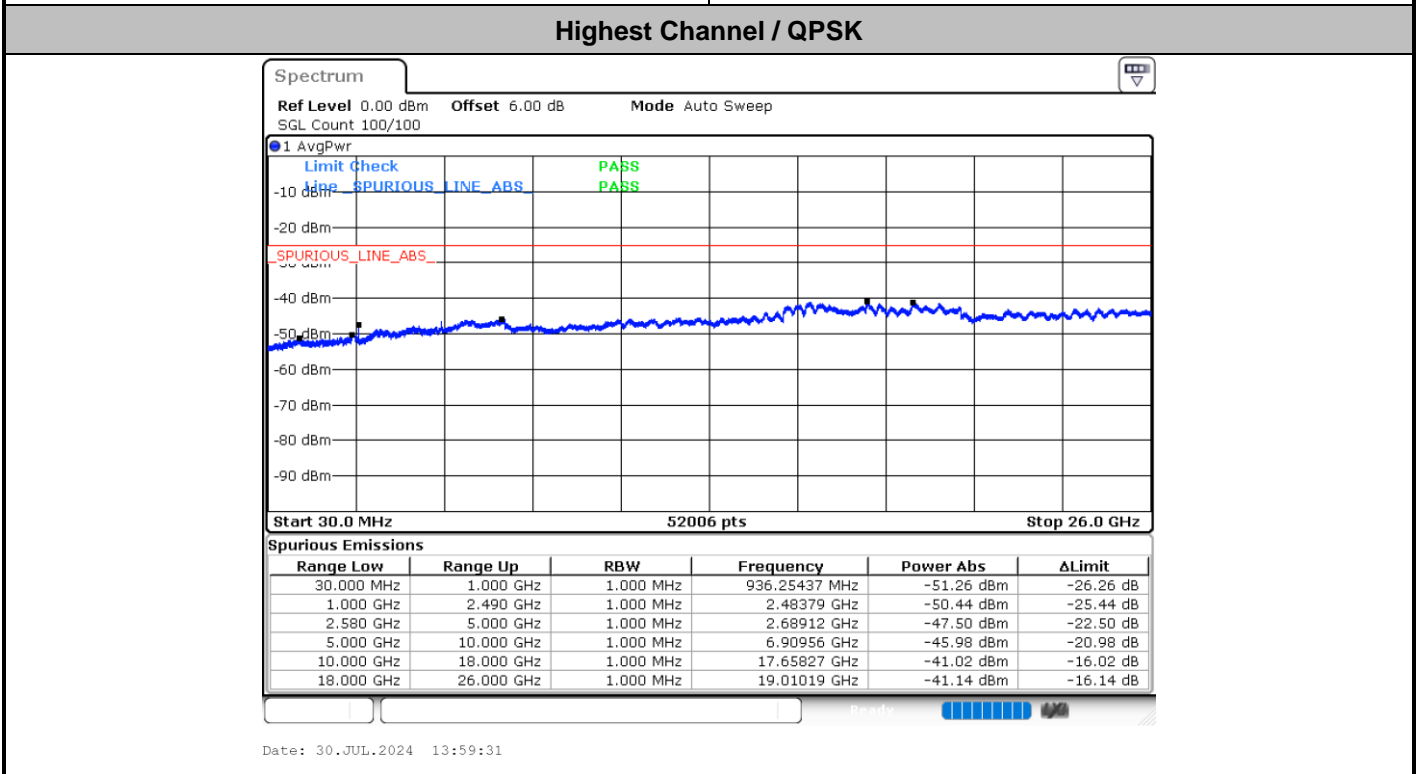
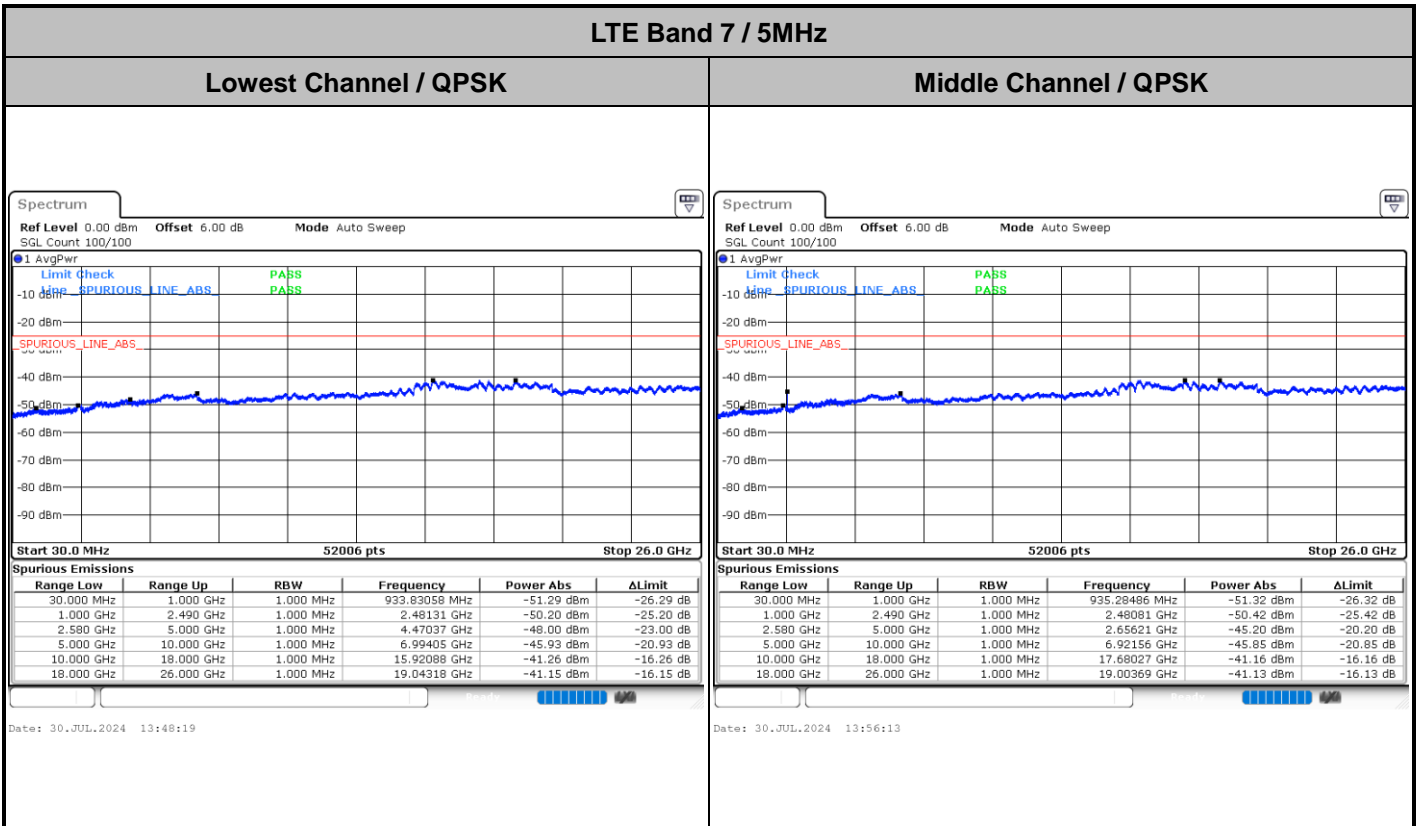
Date: 30.JUL.2024 14:46:04



Date: 30.JUL.2024 15:23:16



Conducted Spurious Emission

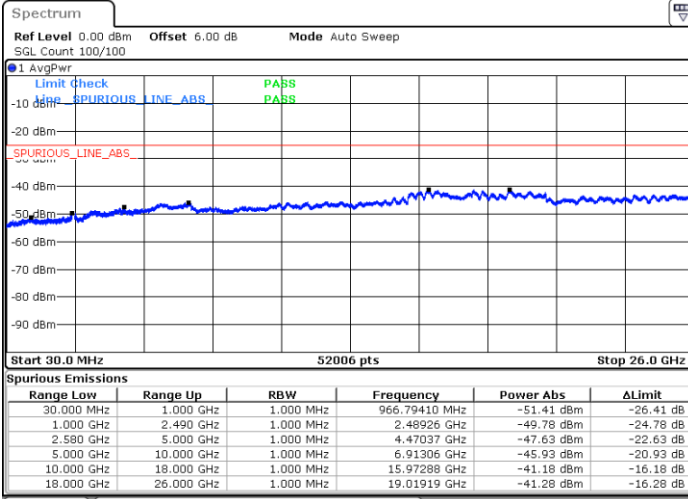




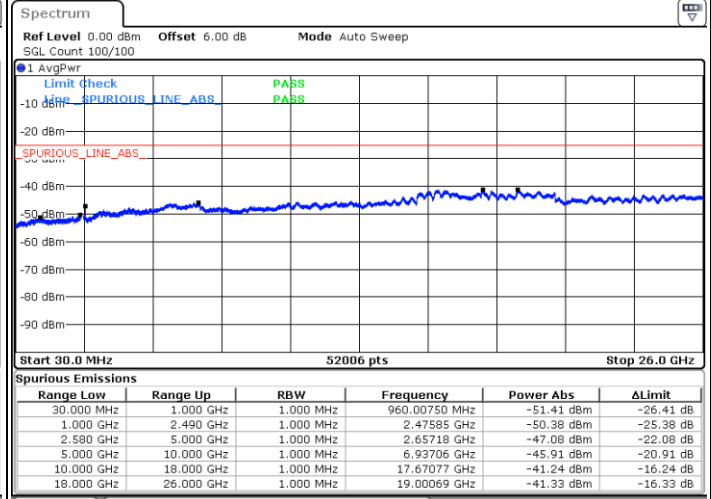
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

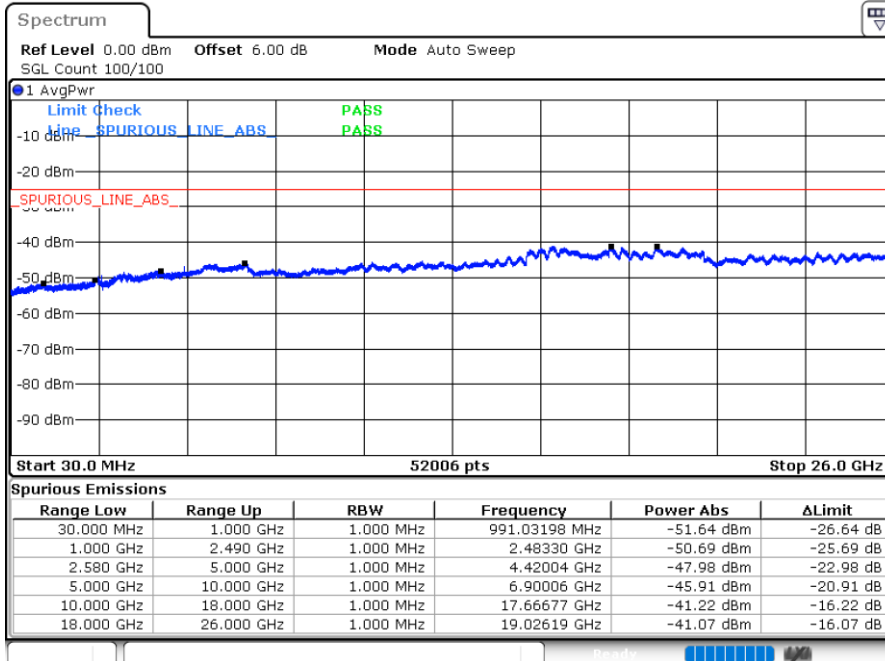


Date: 30.JUL.2024 14:10:19



Date: 30.JUL.2024 14:18:39

Highest Channel / QPSK



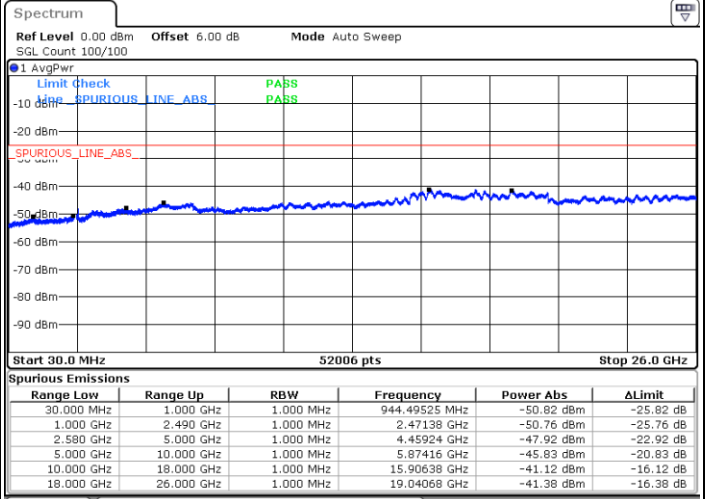
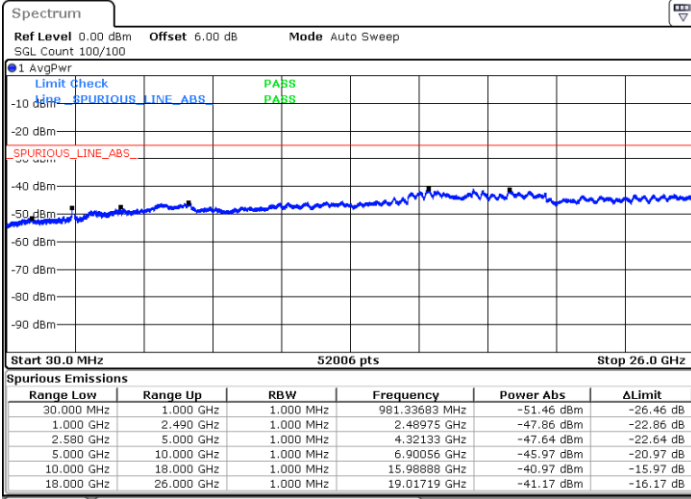
Date: 30.JUL.2024 14:21:30



LTE Band 7 / 15MHz

Lowest Channel / QPSK

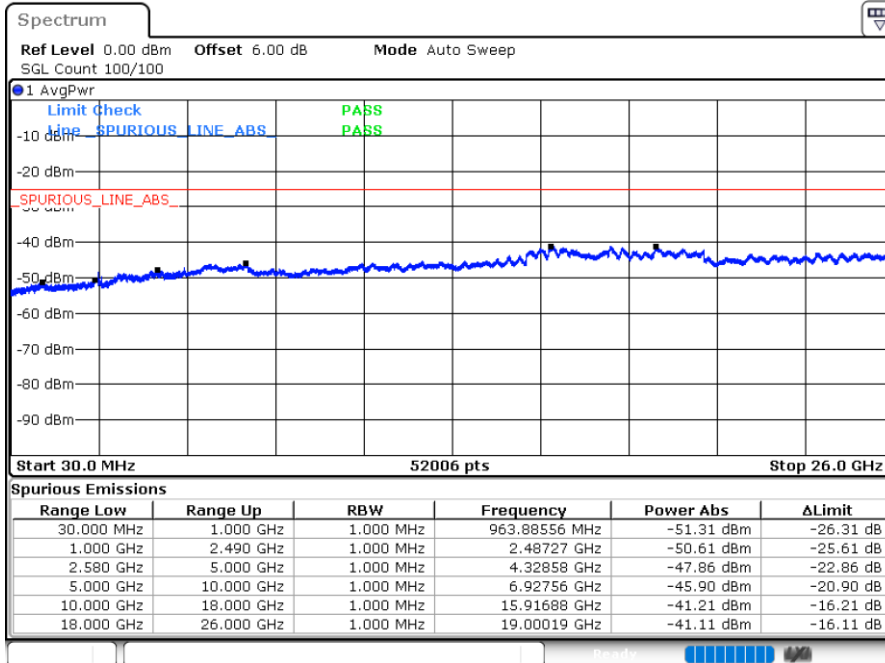
Middle Channel / QPSK



Date: 30.JUL.2024 14:29:41

Date: 30.JUL.2024 14:36:36

Highest Channel / QPSK



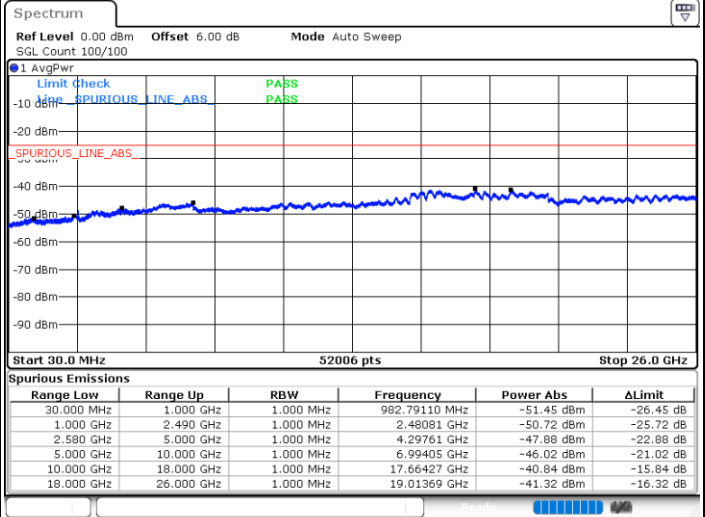
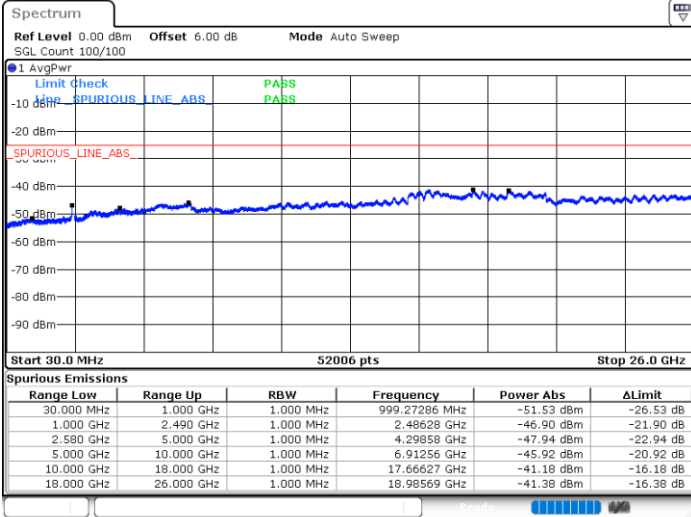
Date: 30.JUL.2024 14:39:52



LTE Band 7 / 20MHz

Lowest Channel / QPSK

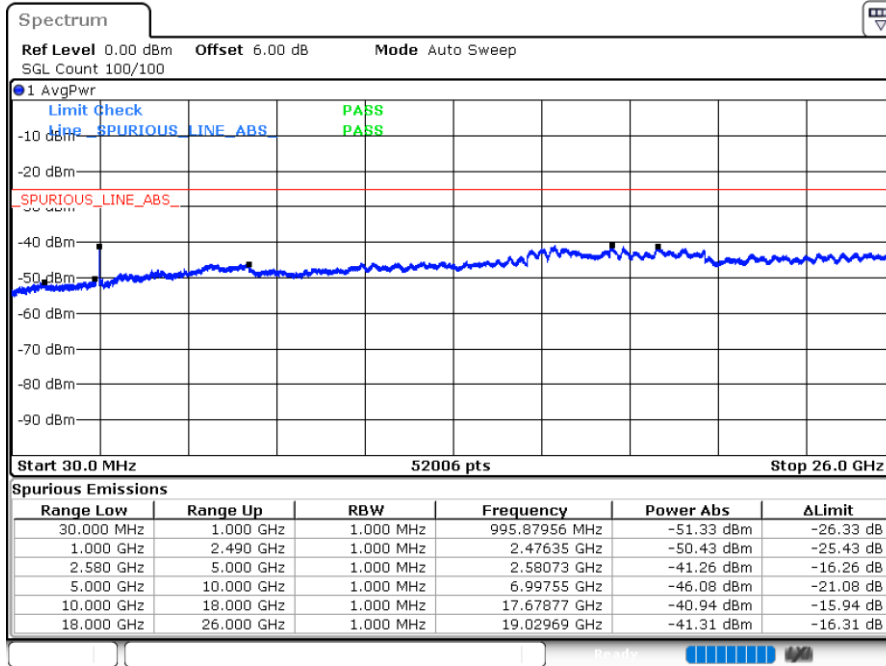
Middle Channel / QPSK



Date: 30.JUL.2024 14:44:39

Date: 30.JUL.2024 15:15:02

Highest Channel / QPSK



Date: 30.JUL.2024 15:21:34



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0039	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0066	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0044	
20	Battery End Point	0.0015	

Note:

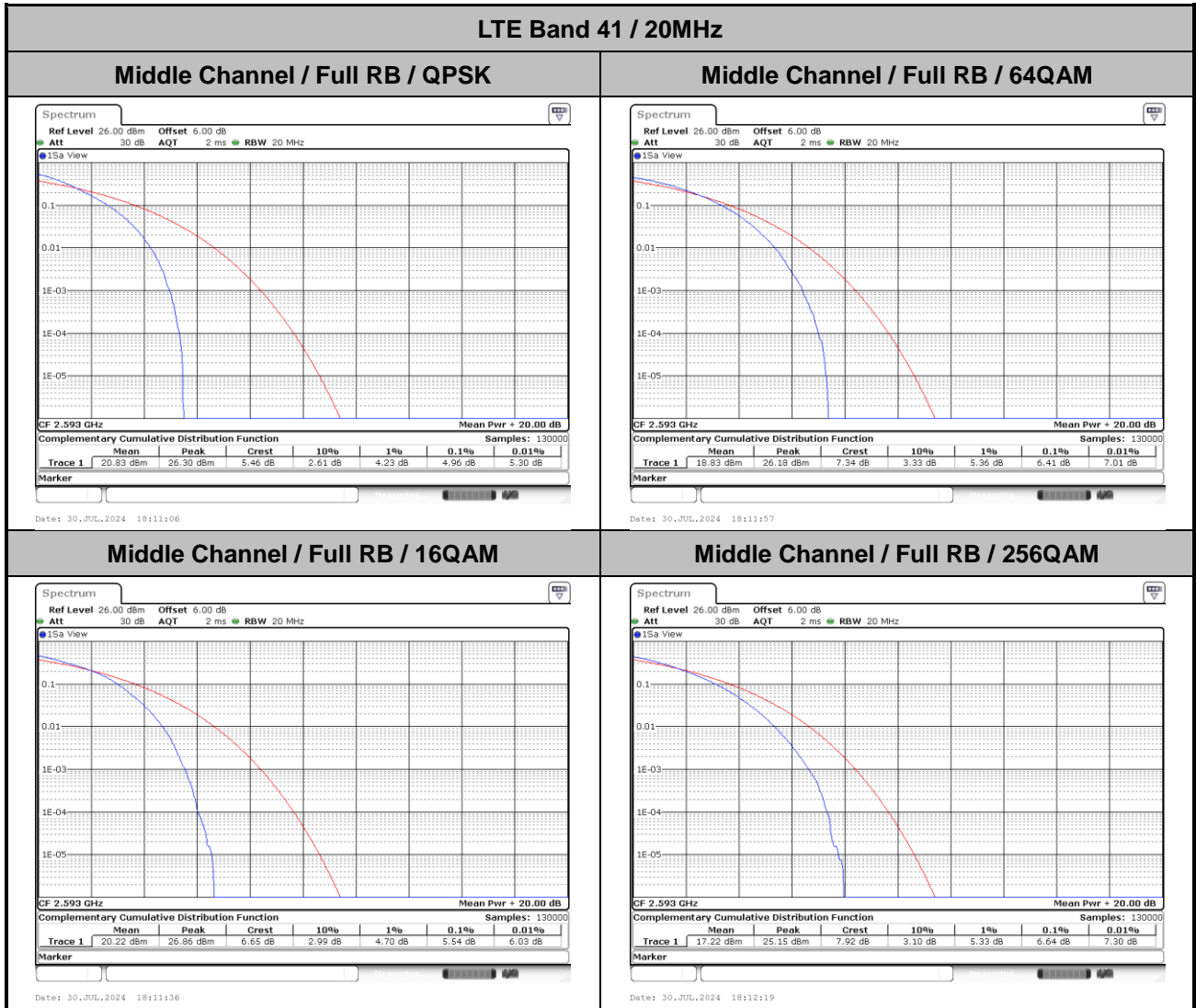
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(Other PA)

Peak-to-Average Ratio

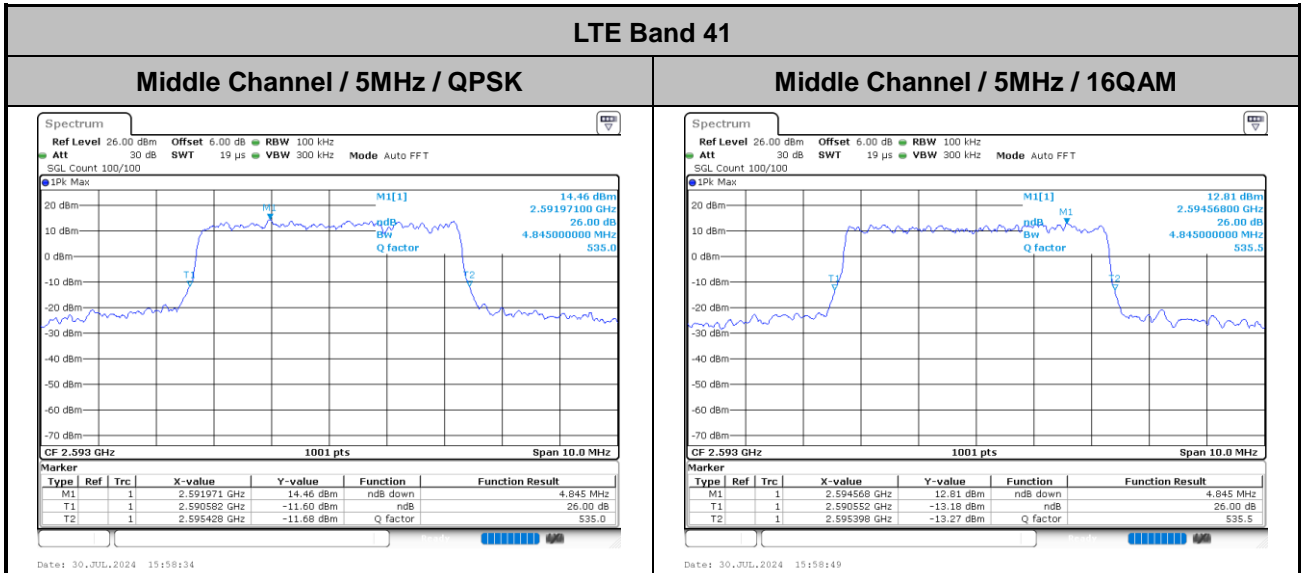
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.54	6.41	6.64	PASS





26dB Bandwidth

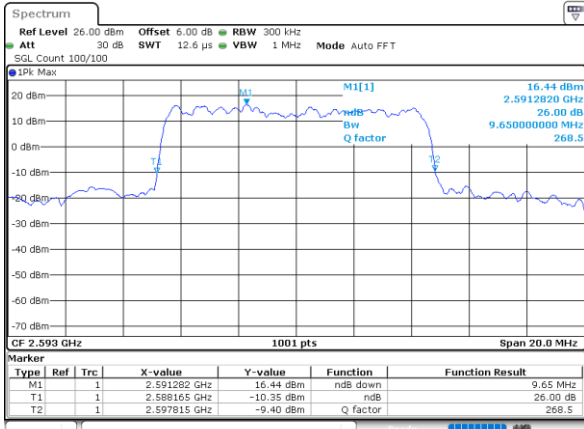
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.85	4.85
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	9.87
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.39	14.18
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.86





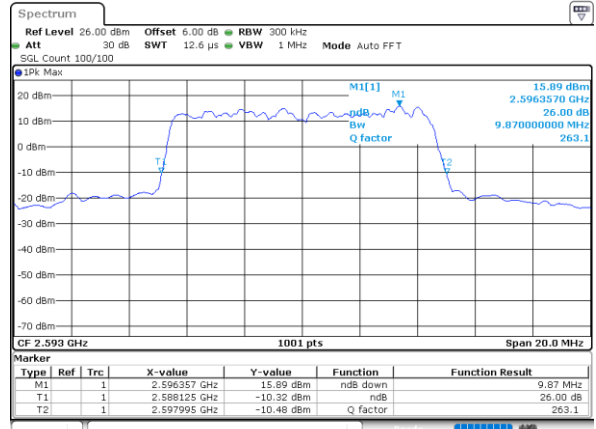
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 30_JUL_2024 16:07:01

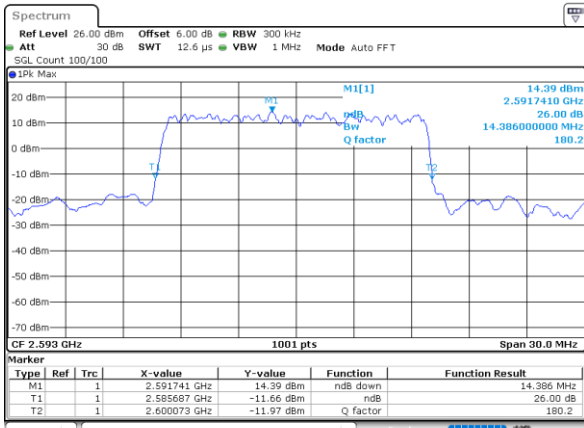
Middle Channel / 10MHz / 16QAM



Date: 30_JUL_2024 16:07:12

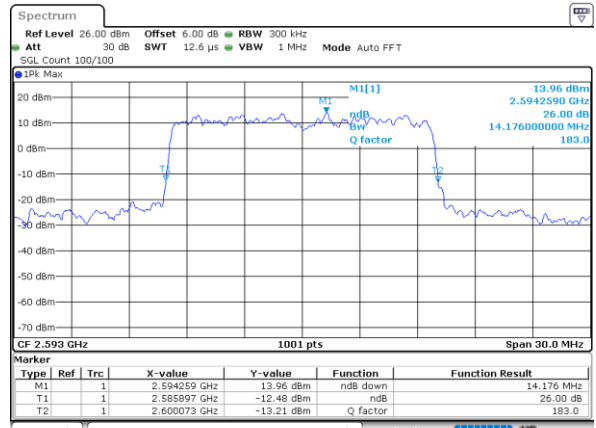
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 30_JUL_2024 17:12:53

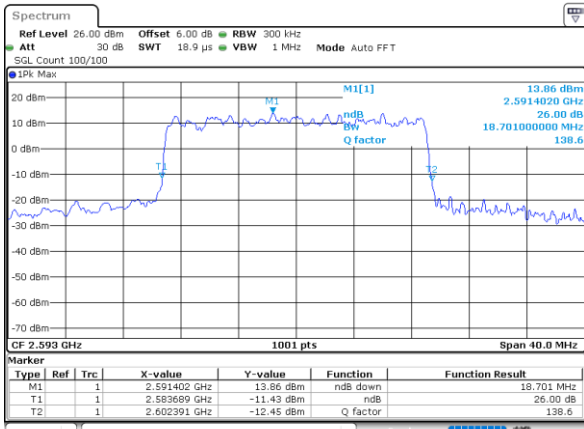
Middle Channel / 15MHz / 16QAM



Date: 30_JUL_2024 17:13:09

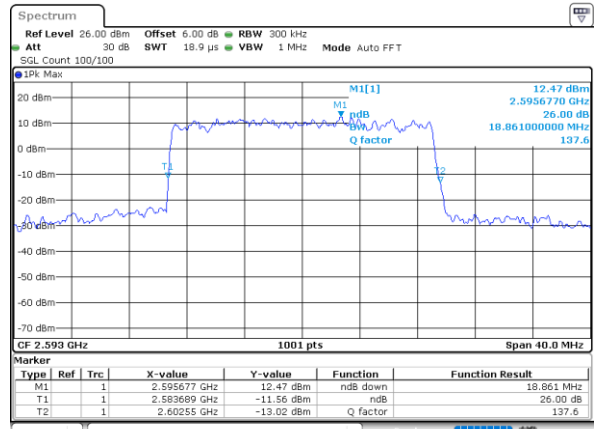
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 30_JUL_2024 18:10:26

Middle Channel / 20MHz / 16QAM

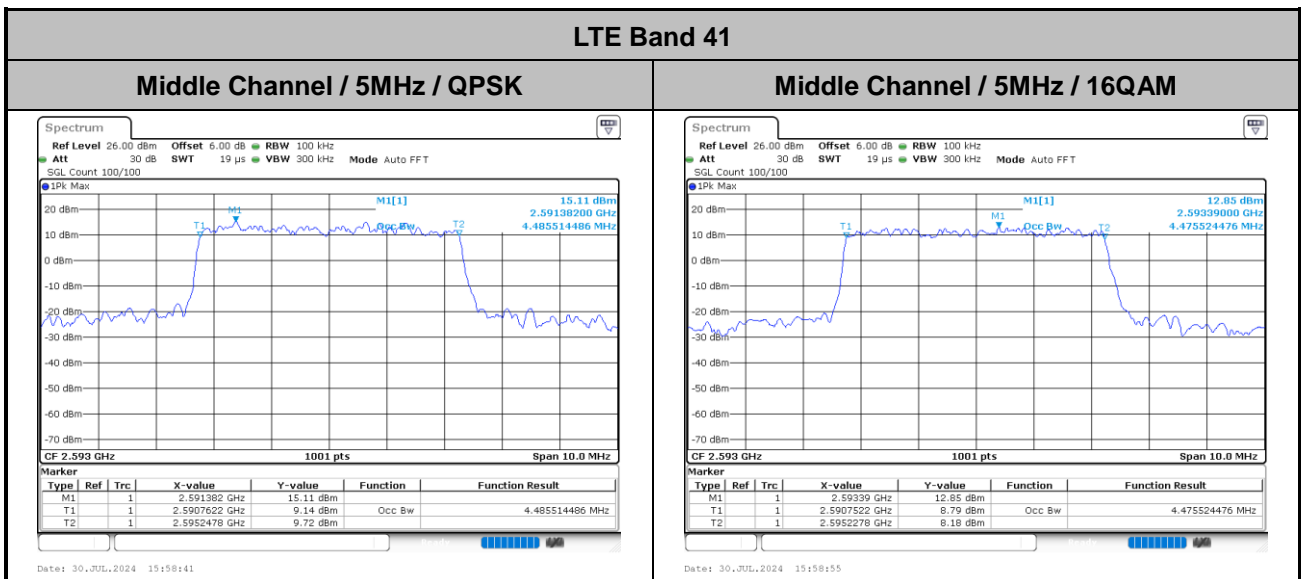


Date: 30_JUL_2024 18:11:18



Occupied Bandwidth

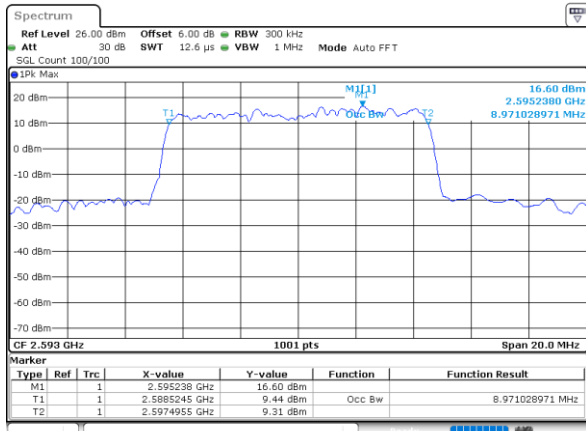
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	9.03
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.90





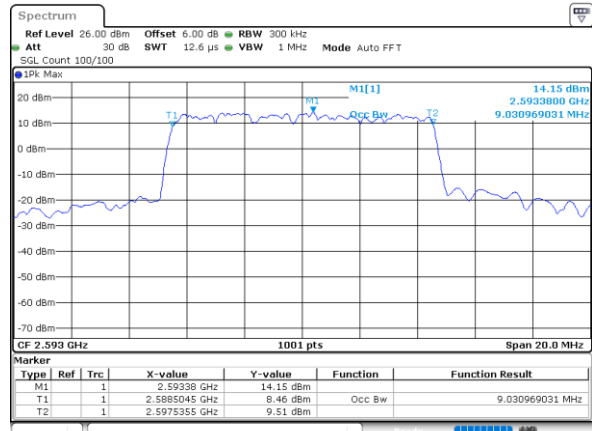
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 30_JUL_2024 16:07:08

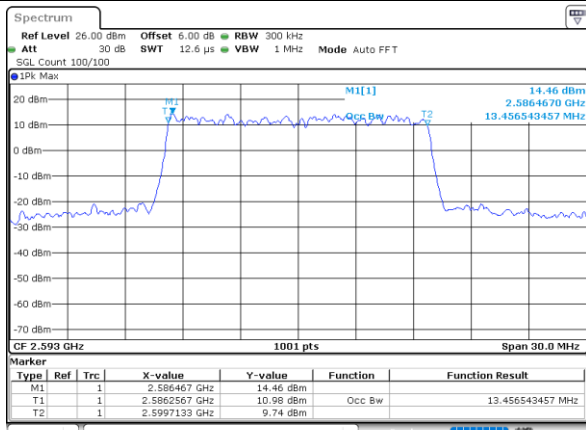
Middle Channel / 10MHz / 16QAM



Date: 30_JUL_2024 16:07:42

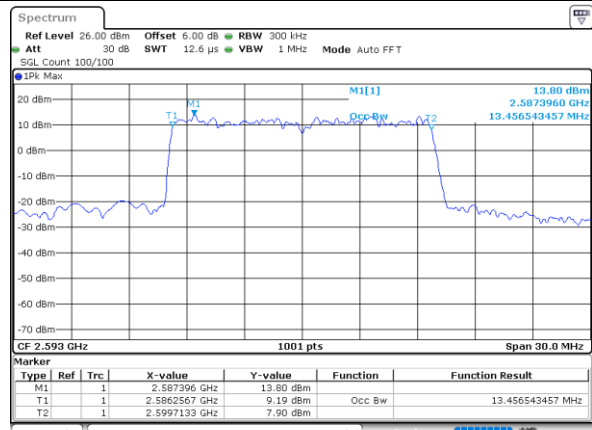
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 30_JUL_2024 17:12:59

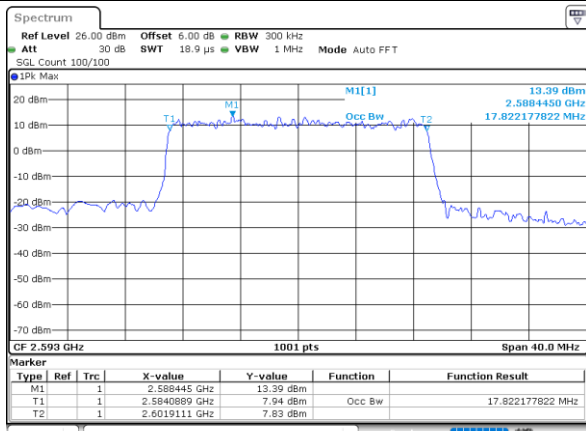
Middle Channel / 15MHz / 16QAM



Date: 30_JUL_2024 17:13:15

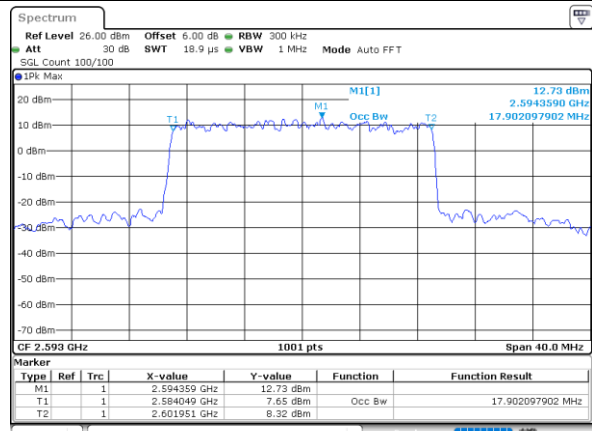
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 30_JUL_2024 18:10:33

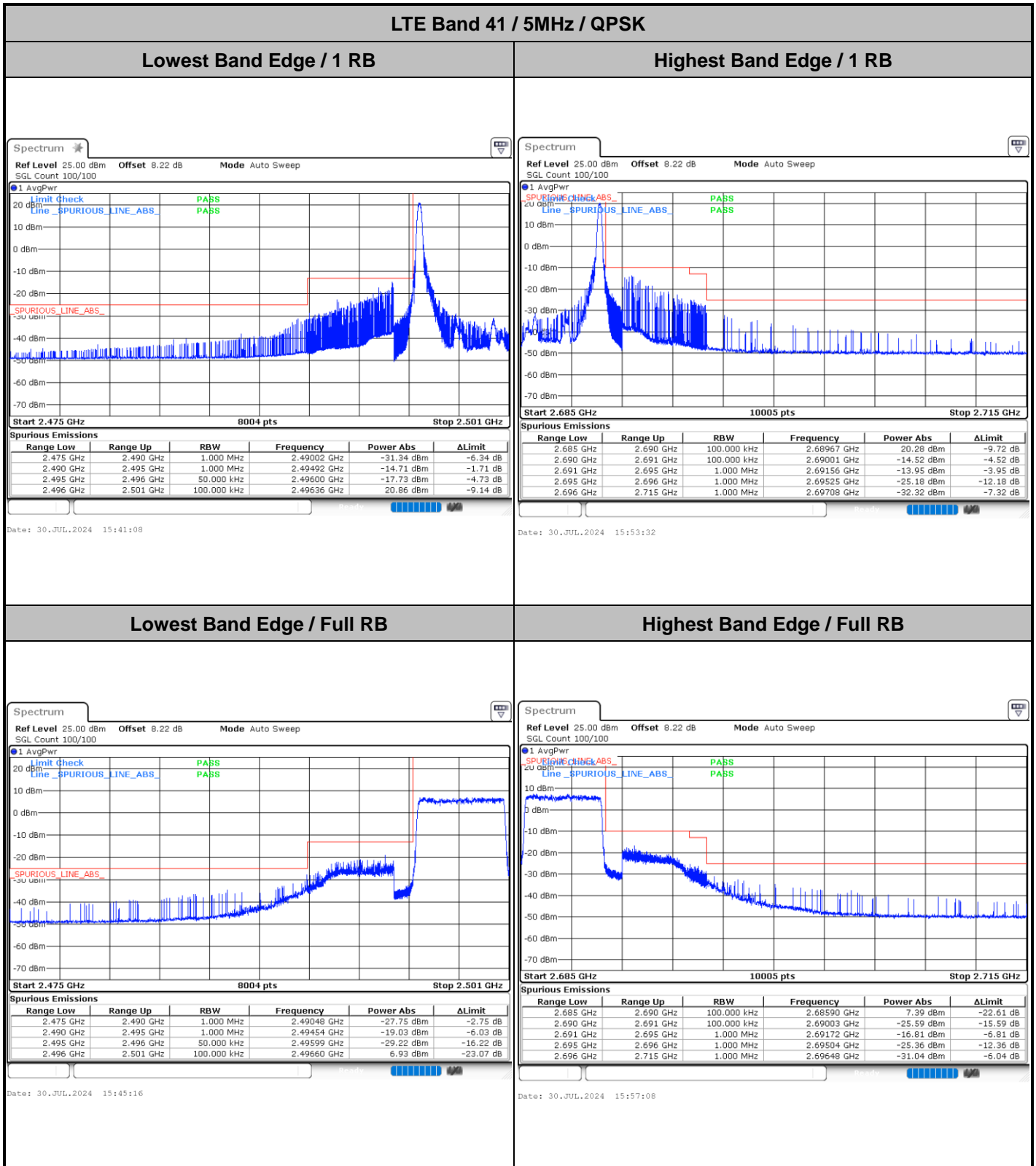
Middle Channel / 20MHz / 16QAM



Date: 30_JUL_2024 18:11:26



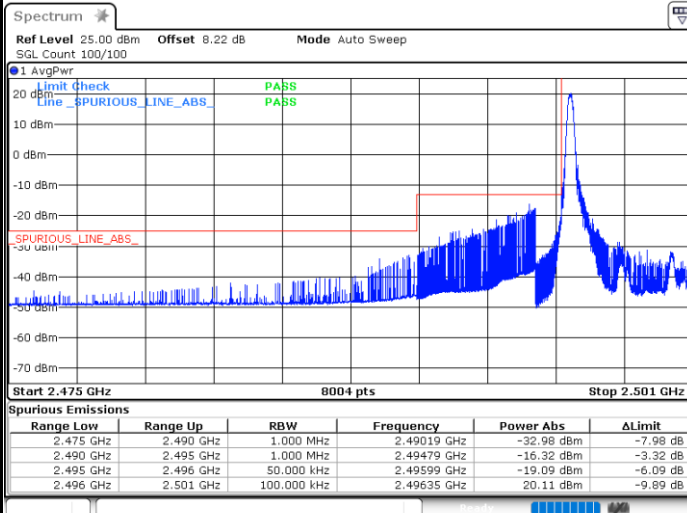
Conducted Band Edge





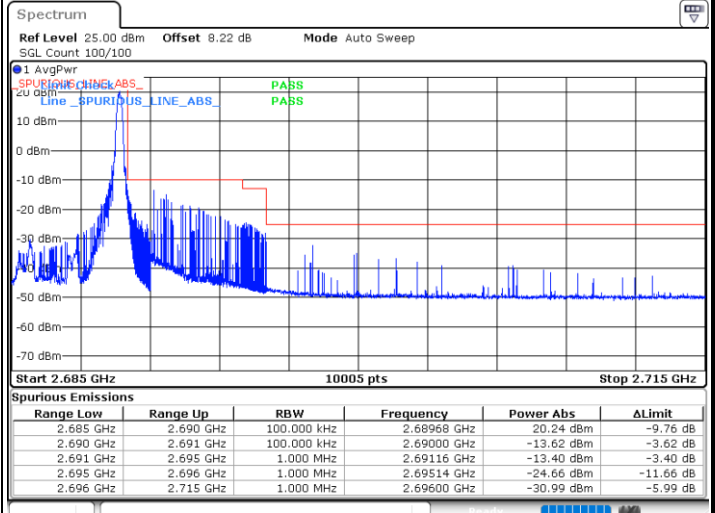
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



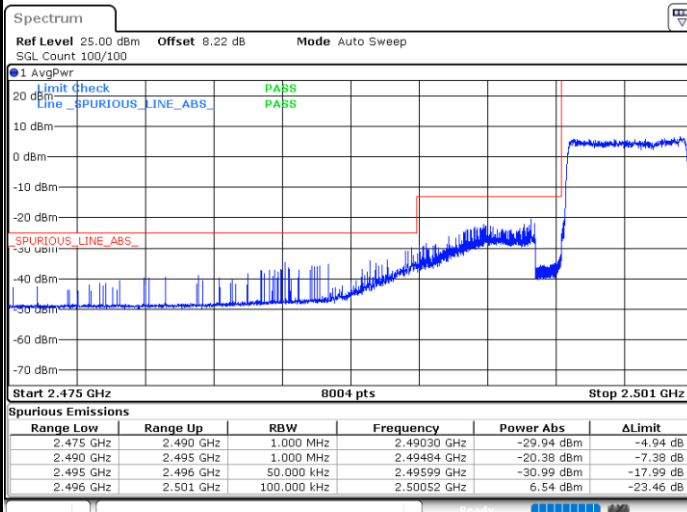
Date: 30.JUL.2024 15:41:57

Highest Band Edge / 1 RB



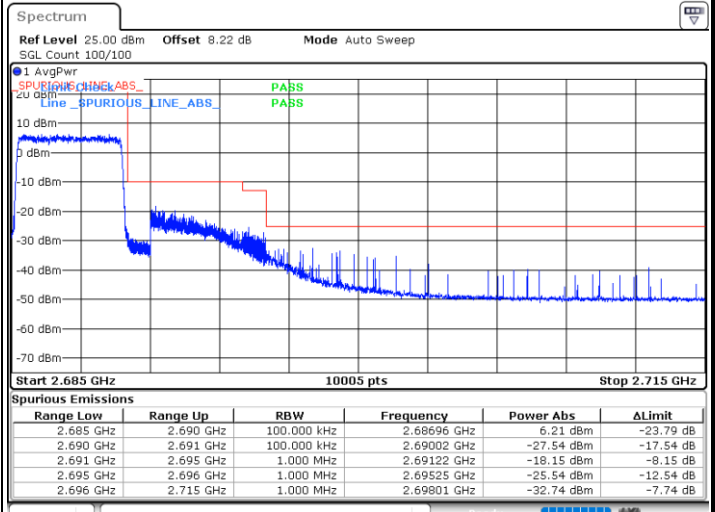
Date: 30.JUL.2024 15:53:52

Lowest Band Edge / Full RB



Date: 30.JUL.2024 15:44:42

Highest Band Edge / Full RB

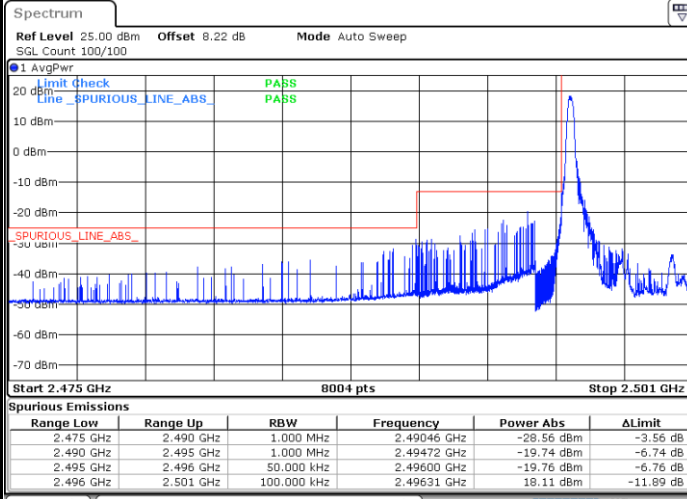


Date: 30.JUL.2024 15:56:52



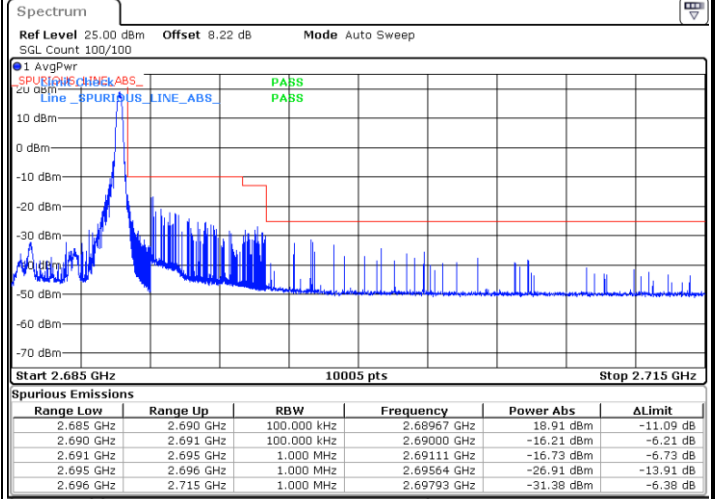
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



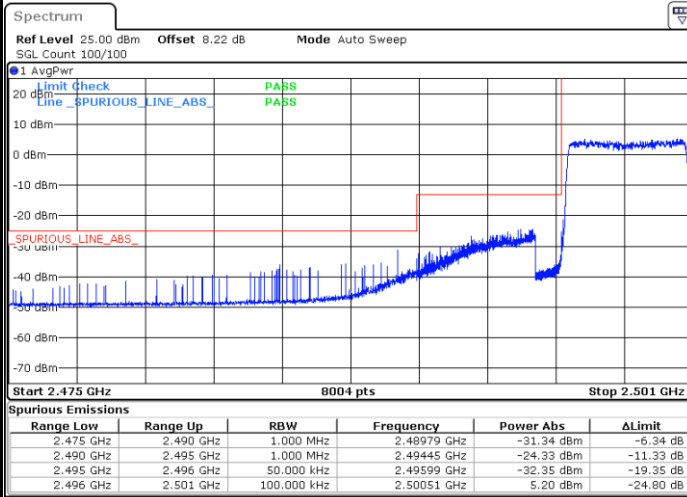
Date: 30.JUL.2024 15:42:17

Highest Band Edge / 1 RB



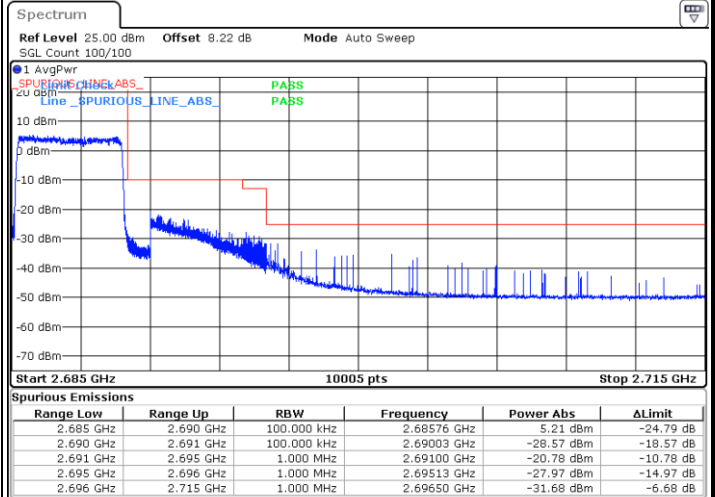
Date: 30.JUL.2024 15:54:20

Lowest Band Edge / Full RB



Date: 30.JUL.2024 15:44:18

Highest Band Edge / Full RB

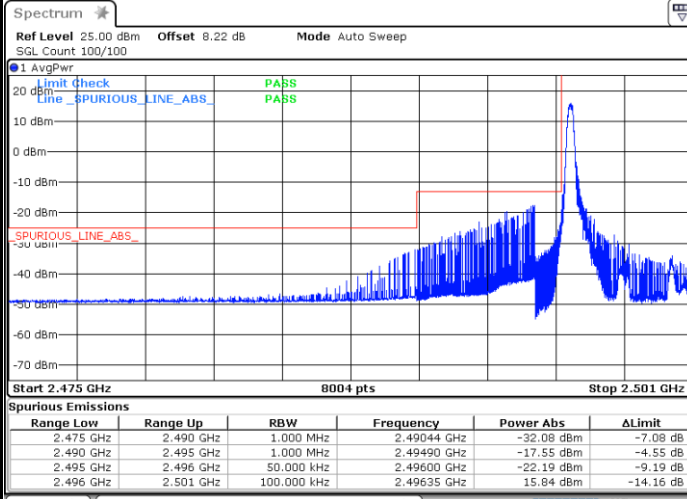


Date: 30.JUL.2024 15:56:35



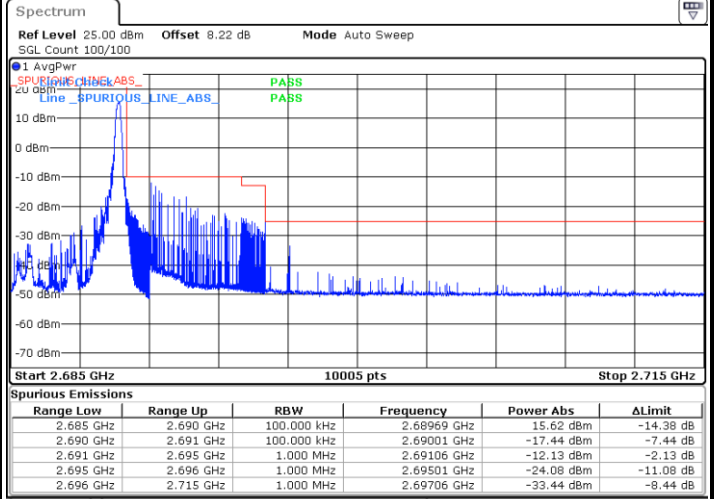
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



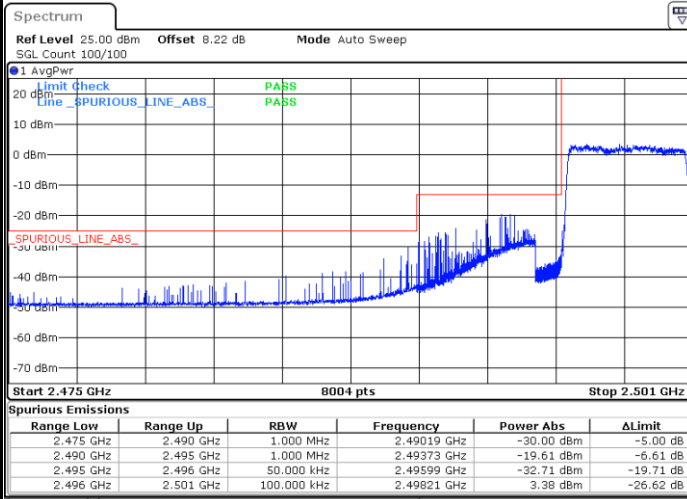
Date: 30.JUL.2024 15:43:15

Highest Band Edge / 1 RB



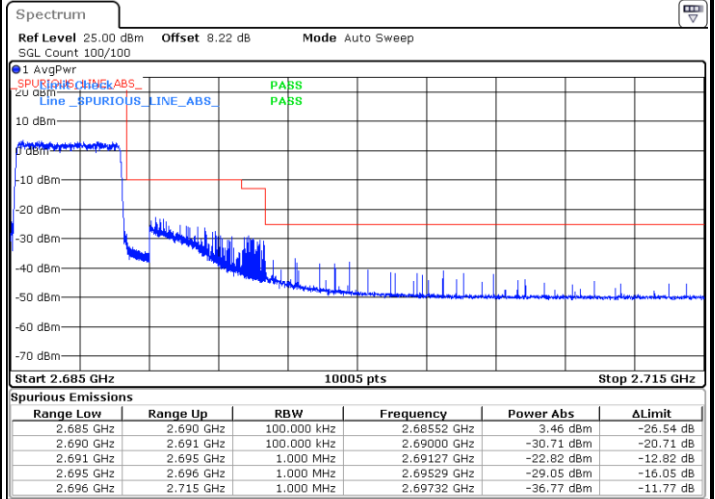
Date: 30.JUL.2024 15:54:37

Lowest Band Edge / Full RB



Date: 30.JUL.2024 15:43:54

Highest Band Edge / Full RB



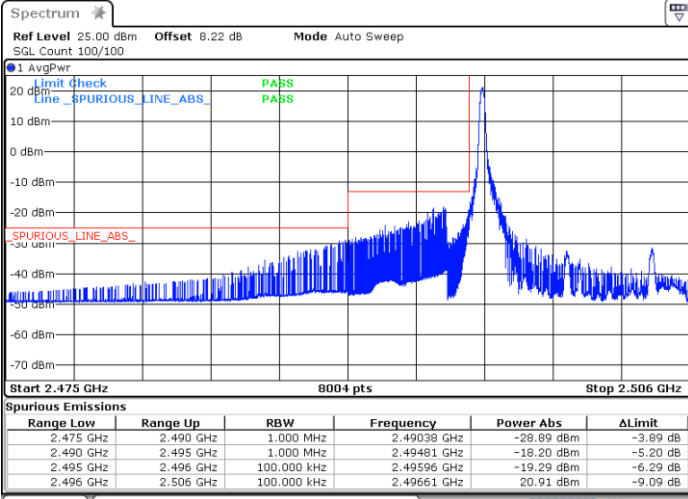
Date: 30.JUL.2024 15:56:15



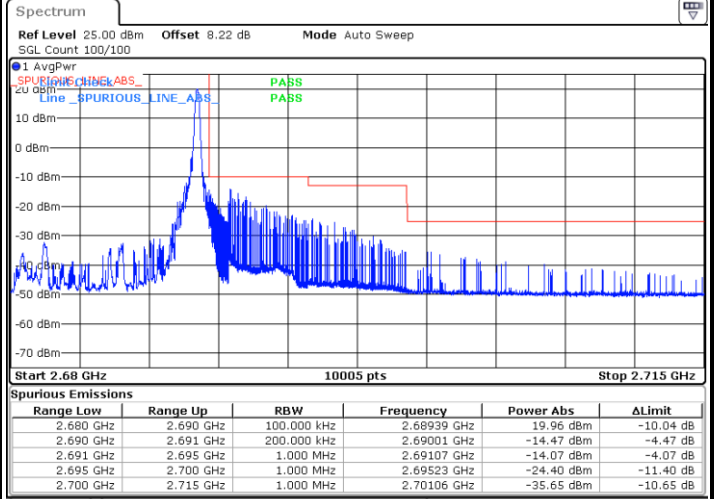
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



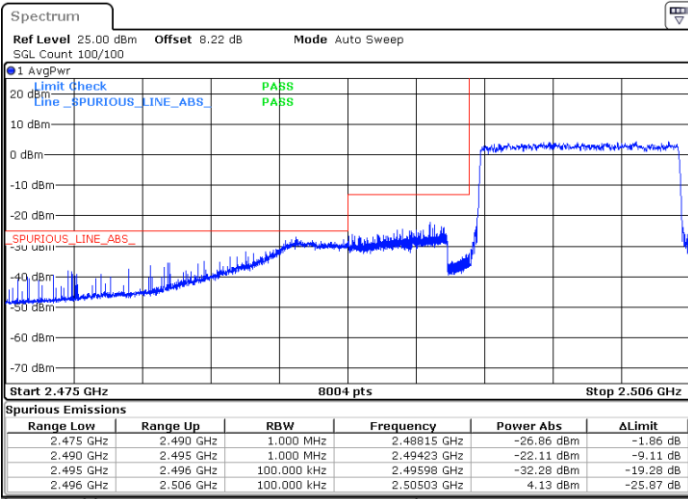
Date: 30.JUL.2024 16:02:02



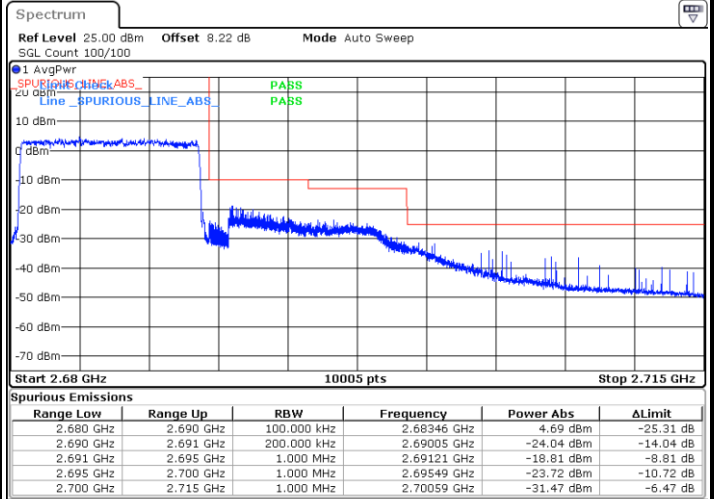
Date: 30.JUL.2024 16:40:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 16:06:14



Date: 30.JUL.2024 16:42:55