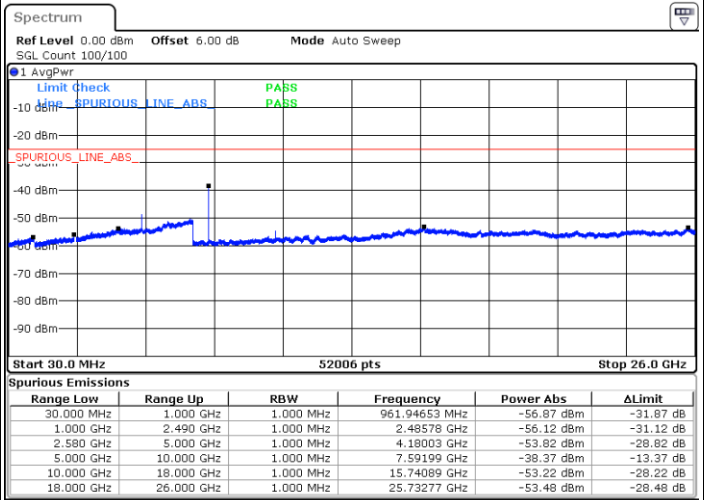
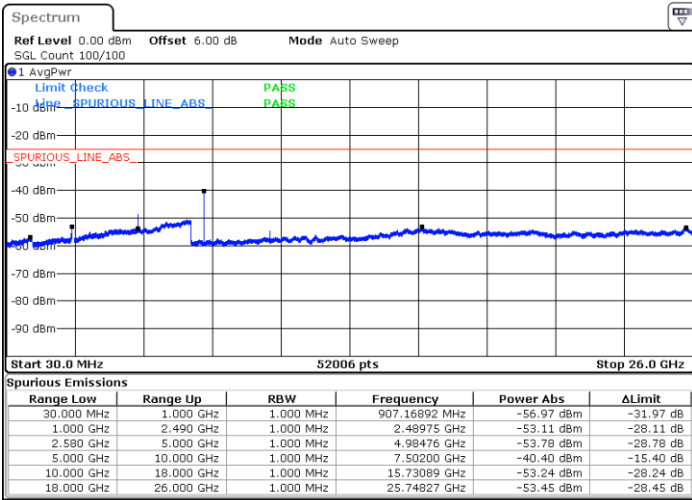




LTE Band 7 / 10MHz

Lowest Channel / QPSK

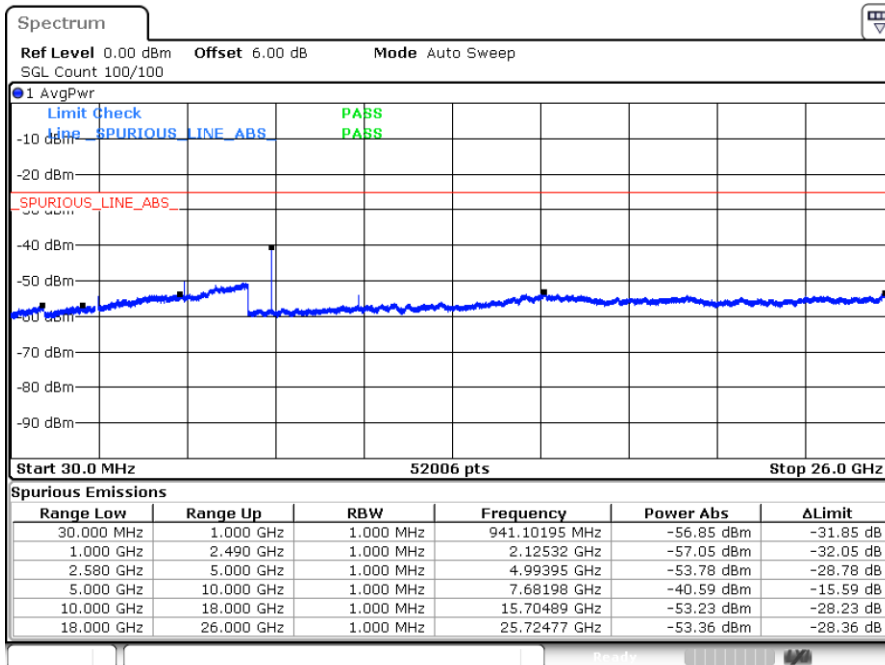
Middle Channel / QPSK



Date: 26 JUN 2023 17:29:02

Date: 26 JUN 2023 17:35:35

Highest Channel / QPSK



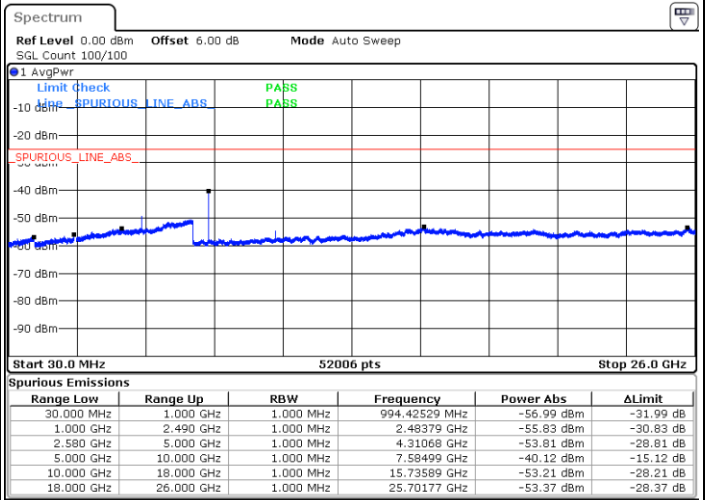
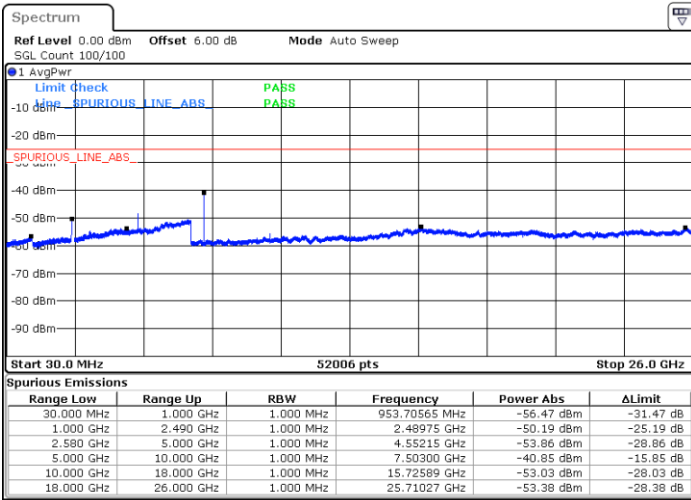
Date: 26 JUN 2023 17:37:36



LTE Band 7 / 15MHz

Lowest Channel / QPSK

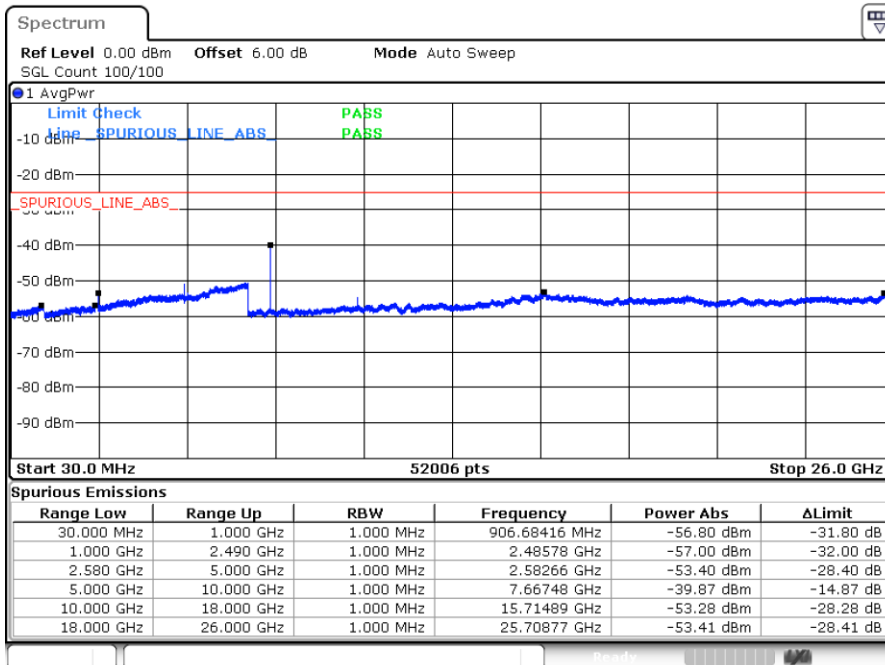
Middle Channel / QPSK



Date: 26 JUN 2023 17:44:12

Date: 26 JUN 2023 17:50:48

Highest Channel / QPSK



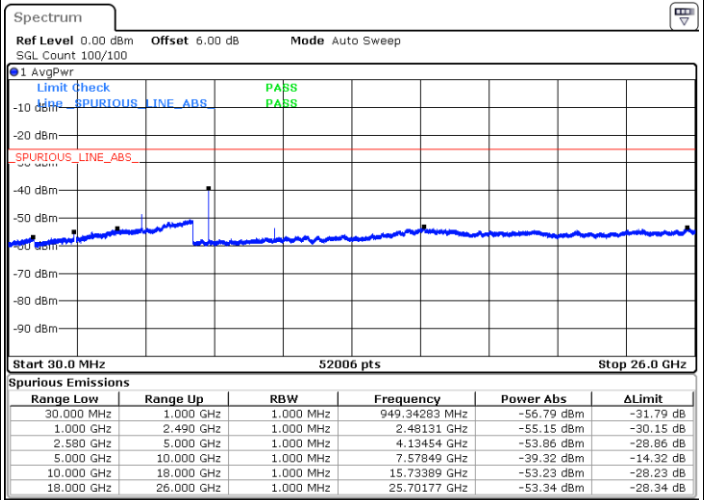
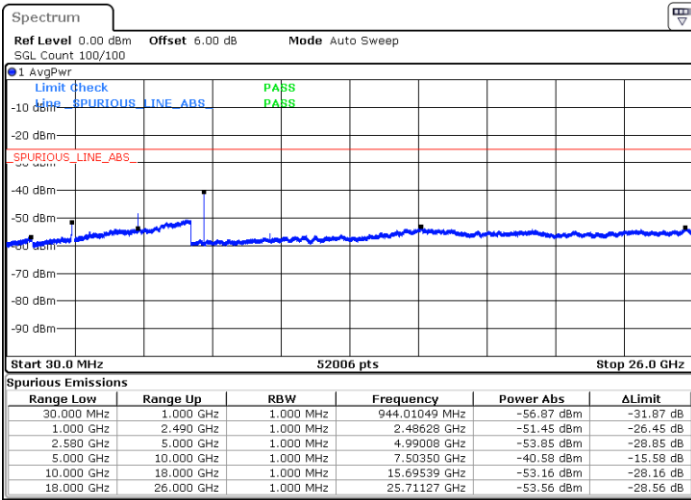
Date: 26 JUN 2023 17:52:49



LTE Band 7 / 20MHz

Lowest Channel / QPSK

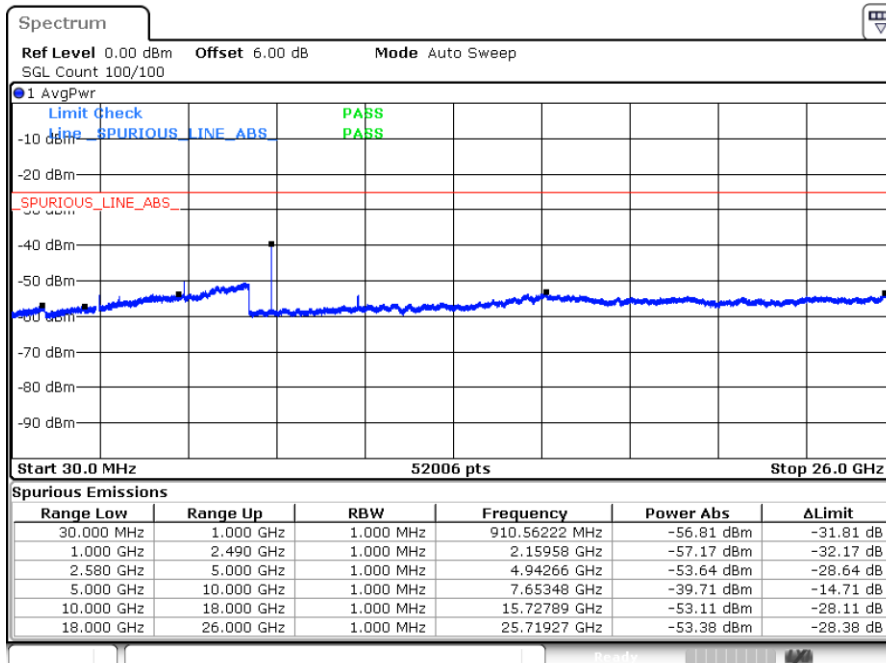
Middle Channel / QPSK



Date: 26 JUN.2023 17:59:24

Date: 26 JUN.2023 18:06:01

Highest Channel / QPSK



Date: 26 JUN.2023 18:08:02



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	0.0006	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0036	

Note:

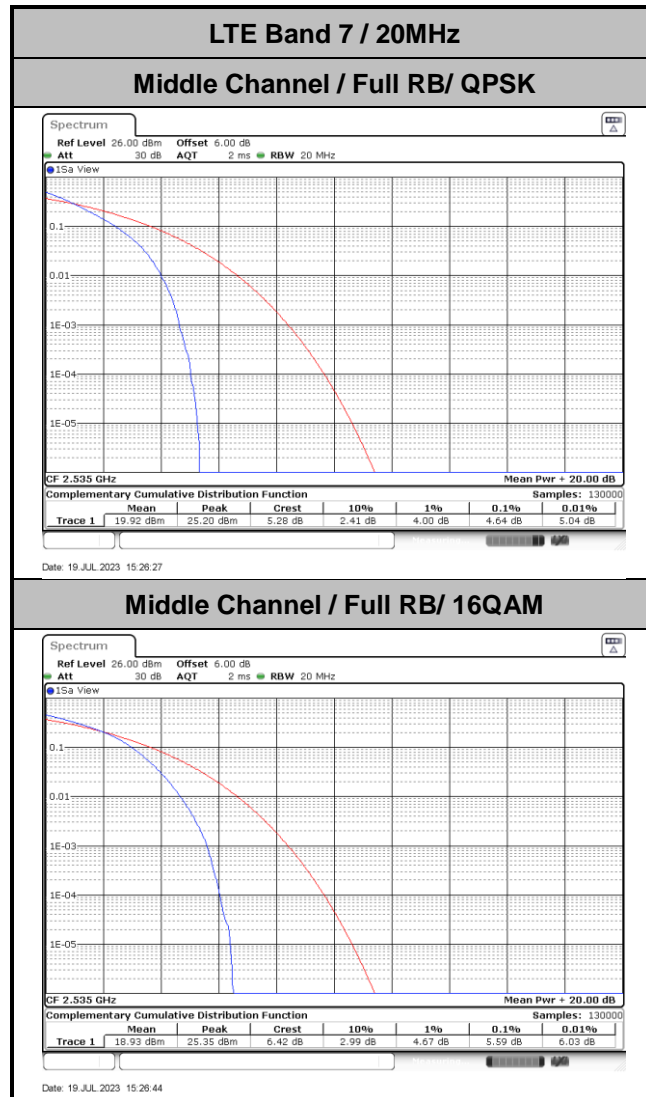
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

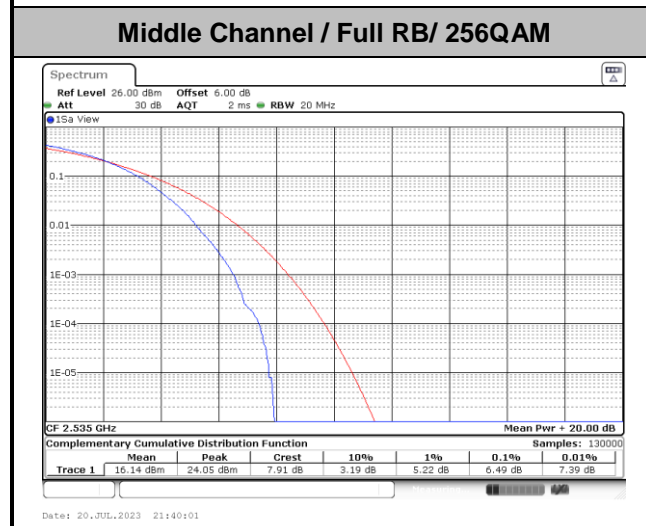
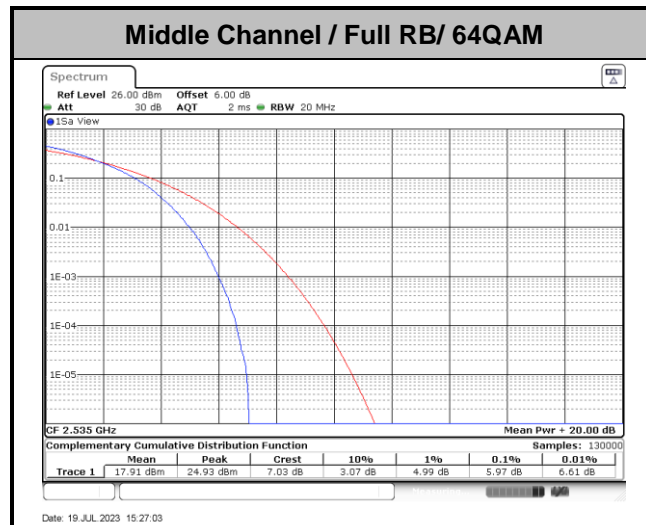


LTE Band 7_Other PA

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB				Result
Middle CH	4.64	5.59	5.97	6.49	PASS

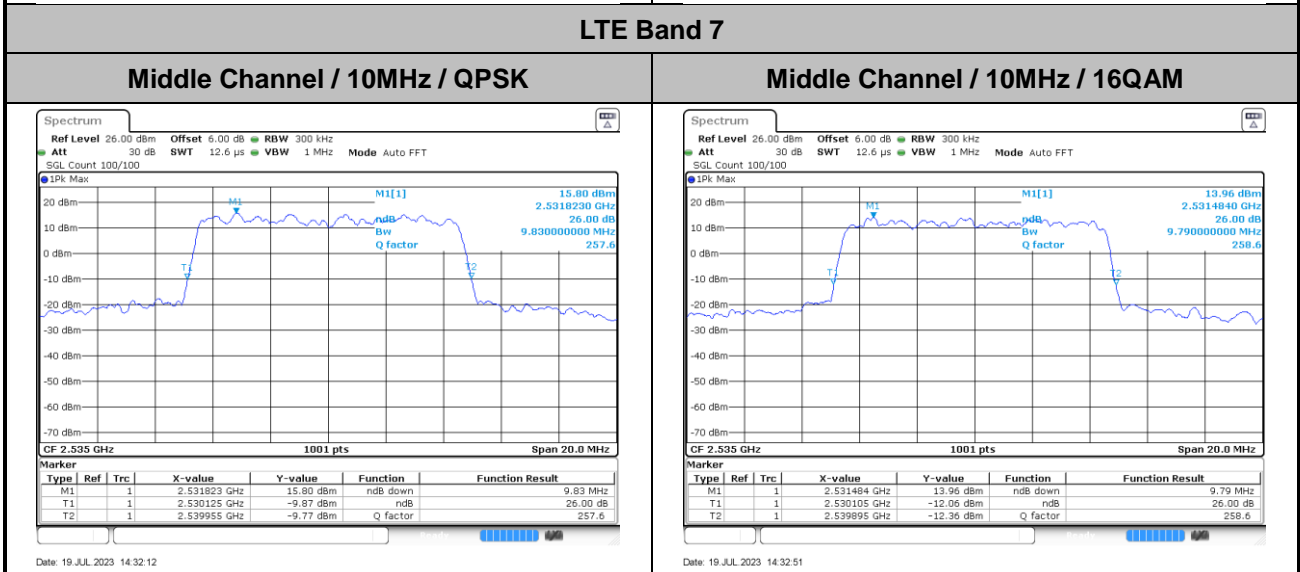
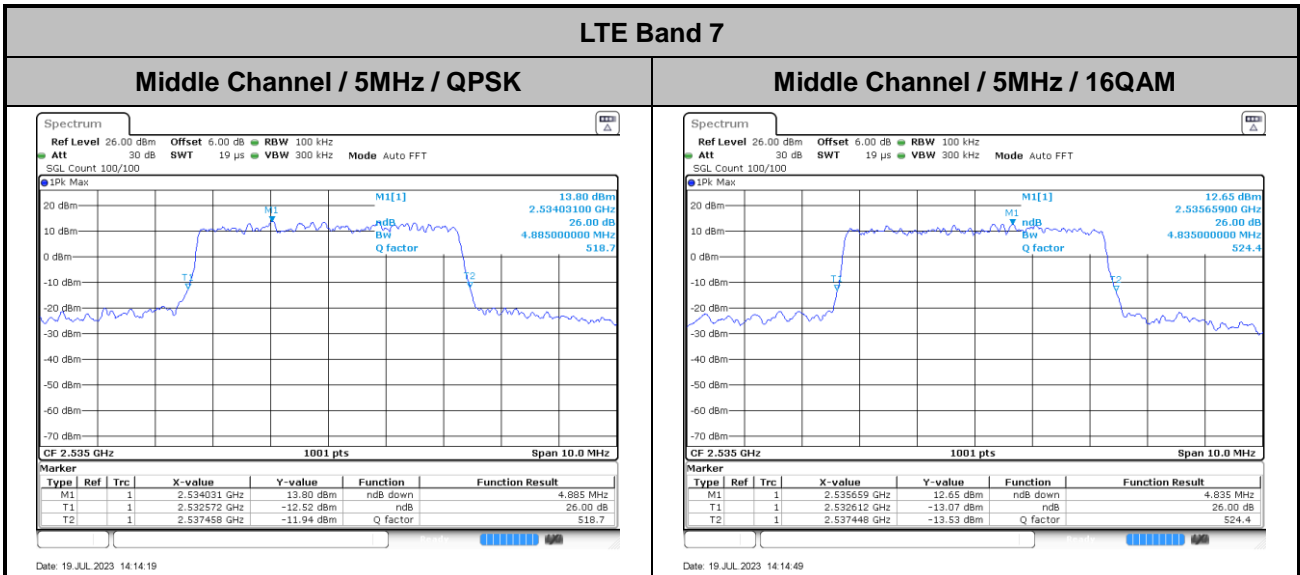






26dB Bandwidth

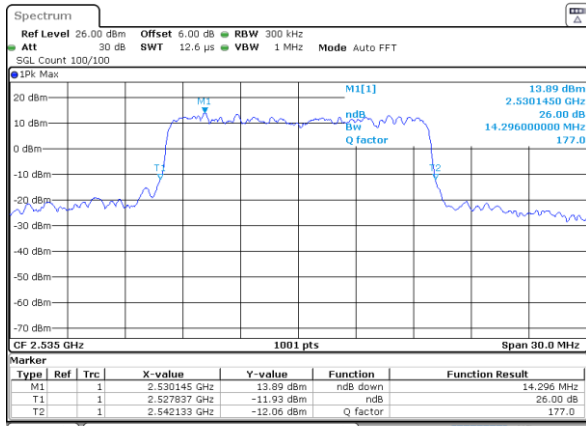
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.89	4.84	9.83	9.79	14.30	14.60	18.90	18.82



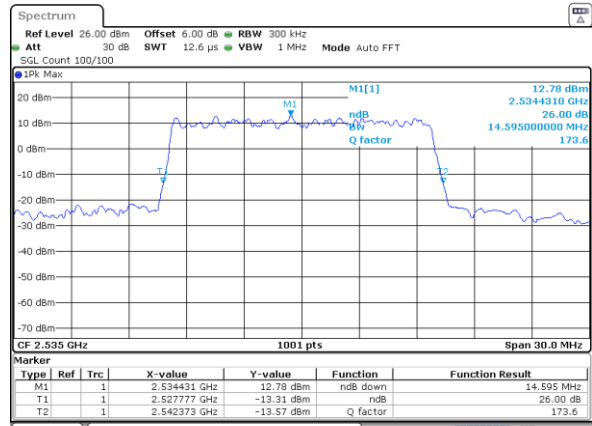


LTE Band 7

Middle Channel / 15MHz / QPSK

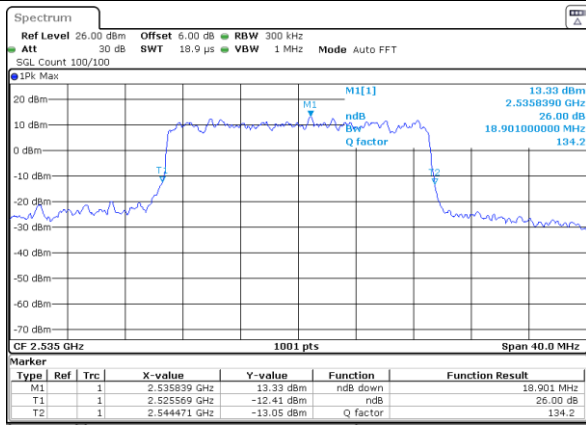


Middle Channel / 15MHz / 16QAM

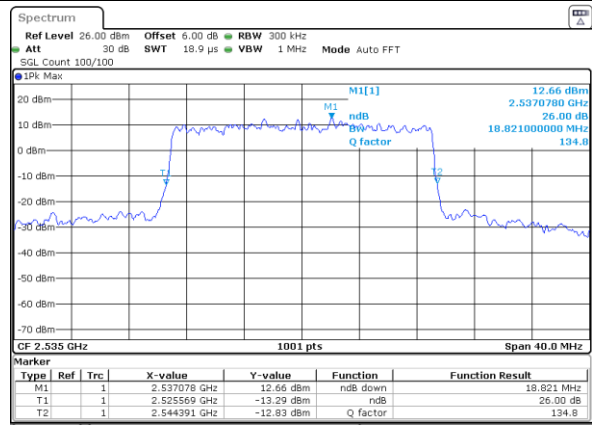


LTE Band 7

Middle Channel / 20MHz / QPSK



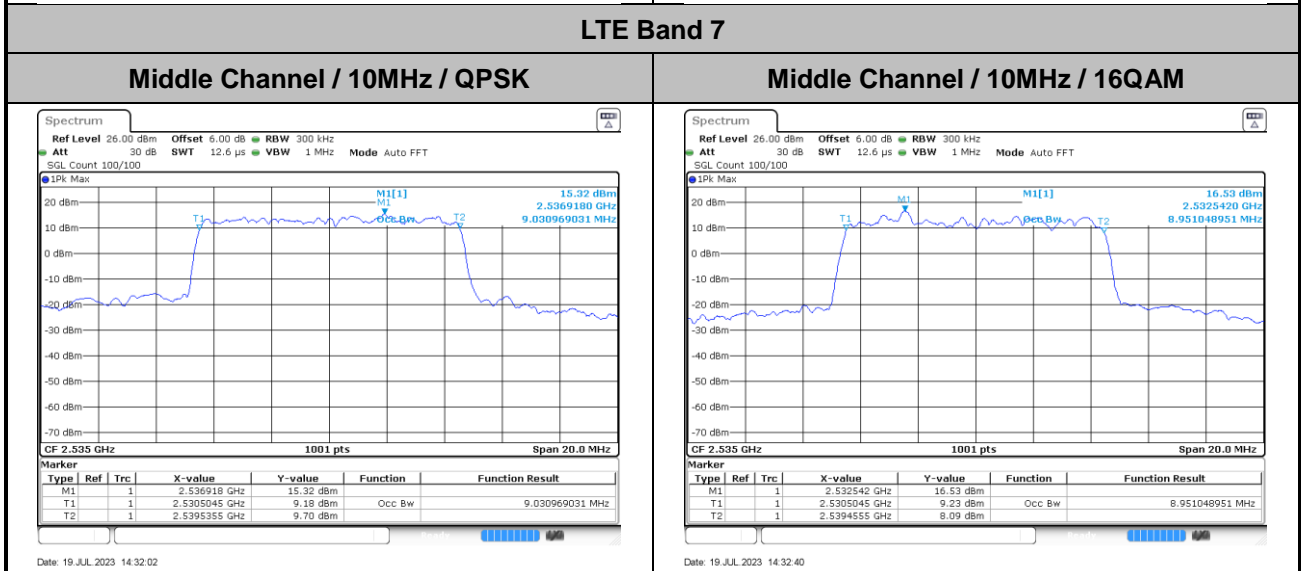
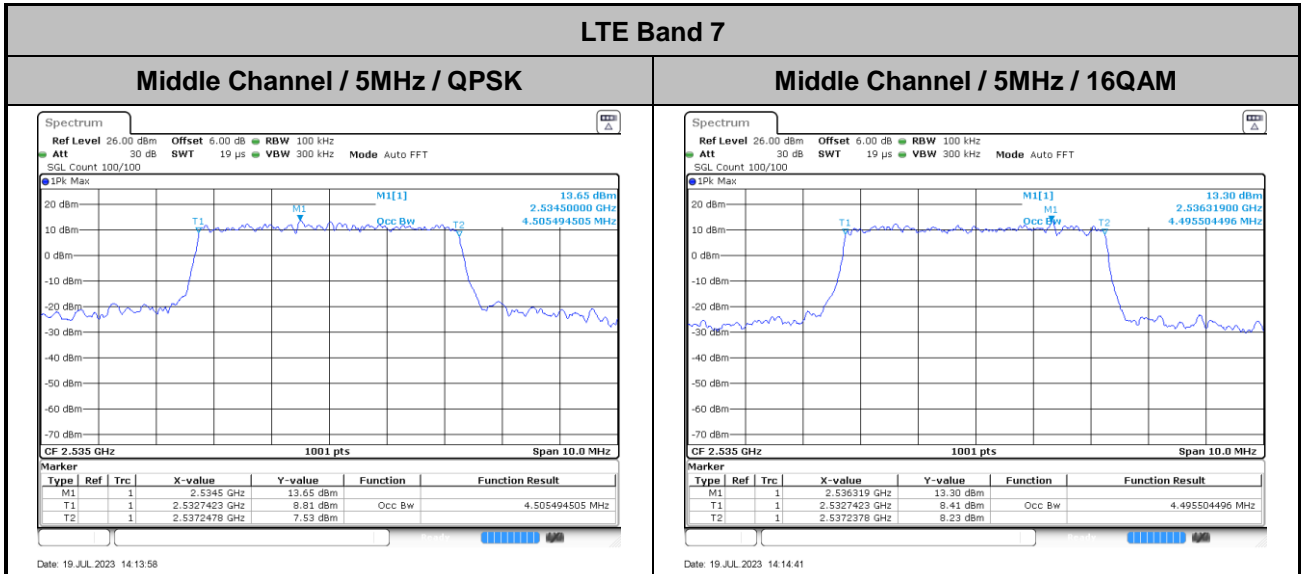
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

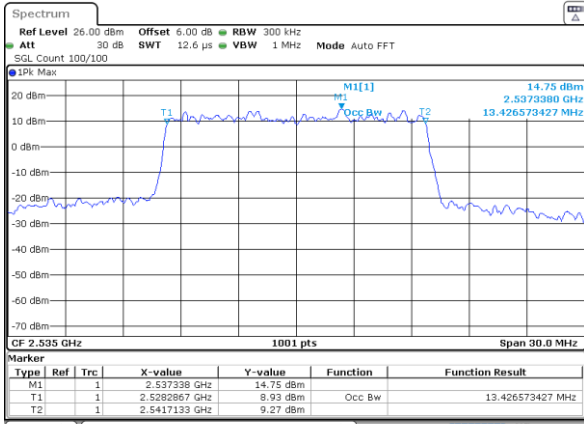
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.51	4.50	9.03	8.95	13.43	13.52	17.86	17.86





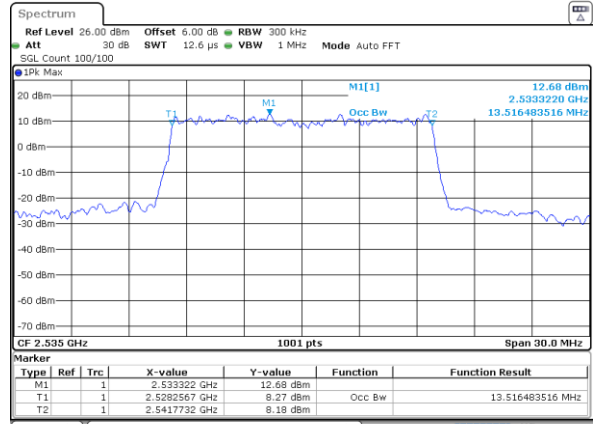
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 19 JUL 2023 14:49:15

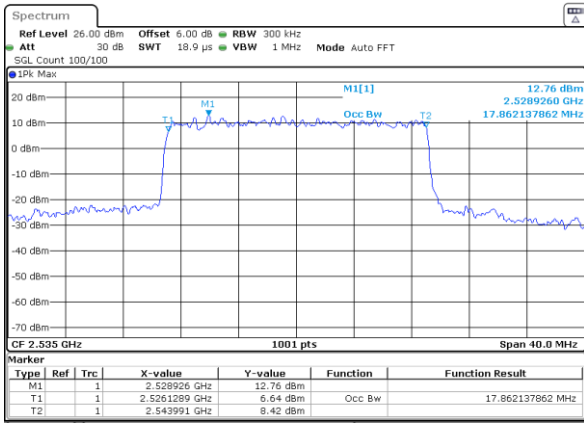
Middle Channel / 15MHz / 16QAM



Date: 19 JUL 2023 14:49:43

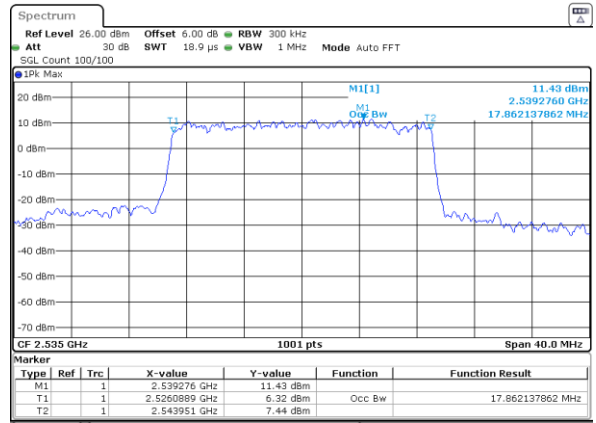
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 19 JUL 2023 15:05:29

Middle Channel / 20MHz / 16QAM



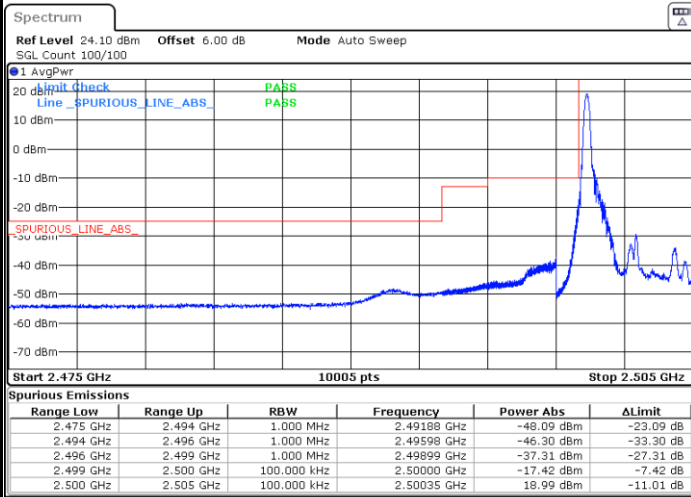
Date: 19 JUL 2023 15:06:07



Conducted Band Edge

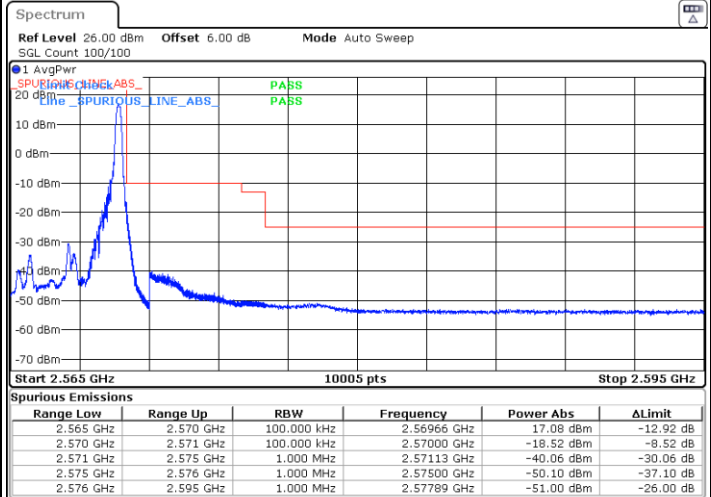
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



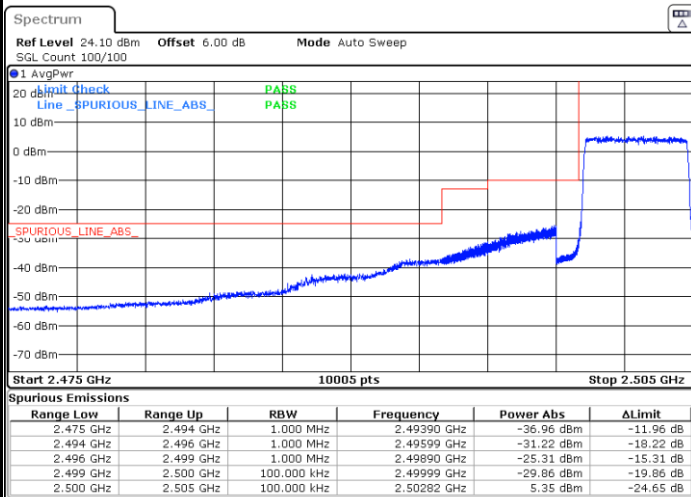
Date: 19 JUL 2023 14:20:10

Highest Band Edge / 1 RB



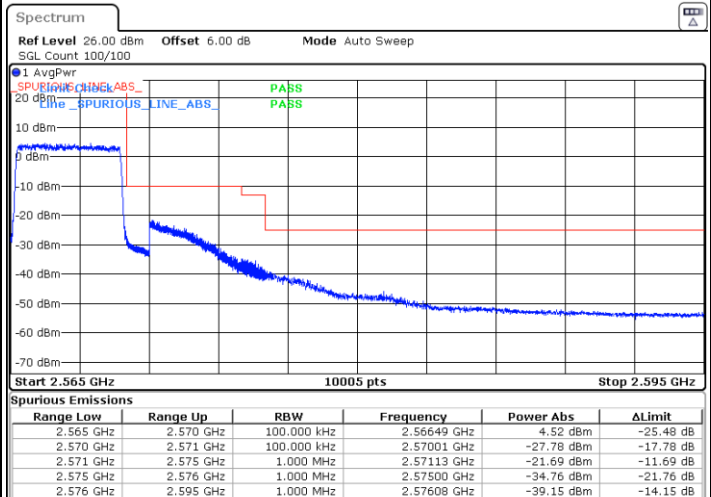
Date: 19 JUL 2023 14:28:17

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:24:37

Highest Band Edge / Full RB

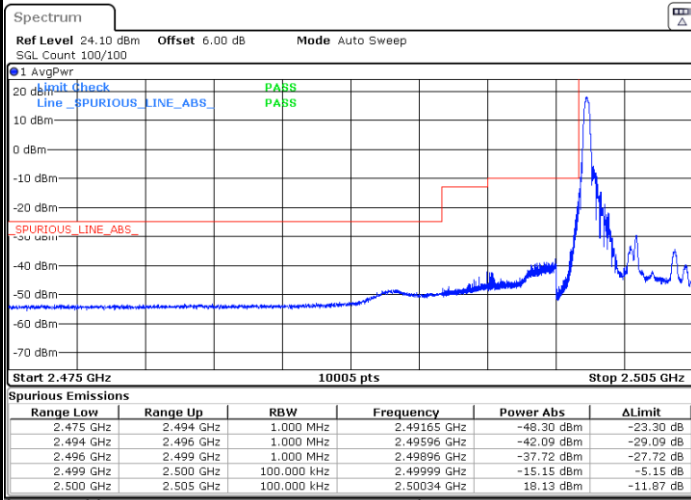


Date: 19 JUL 2023 14:25:35



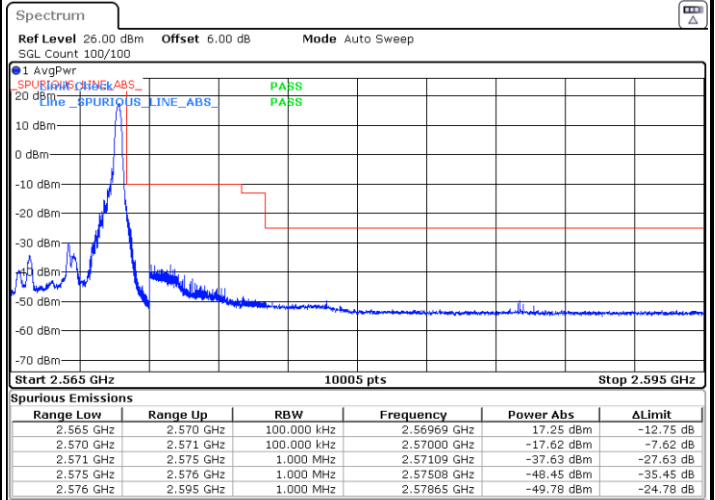
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



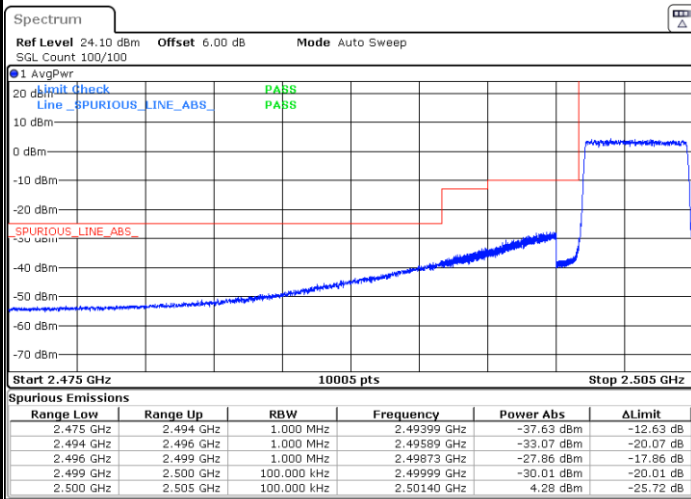
Date: 19 JUL 2023 14:20:51

Highest Band Edge / 1 RB



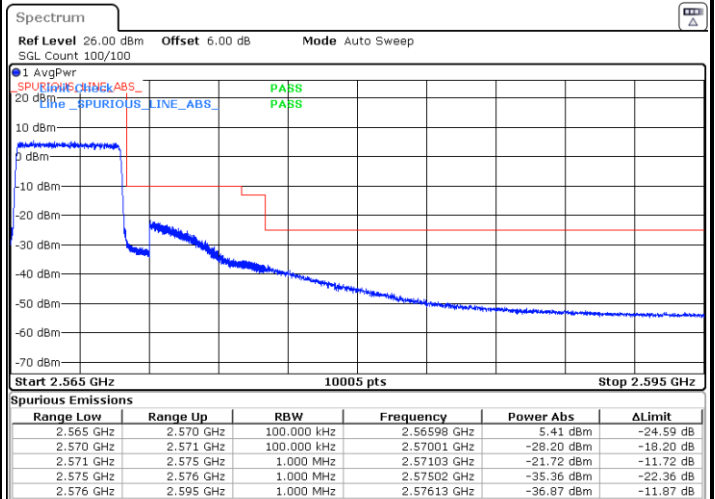
Date: 19 JUL 2023 14:27:53

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:24:14

Highest Band Edge / Full RB

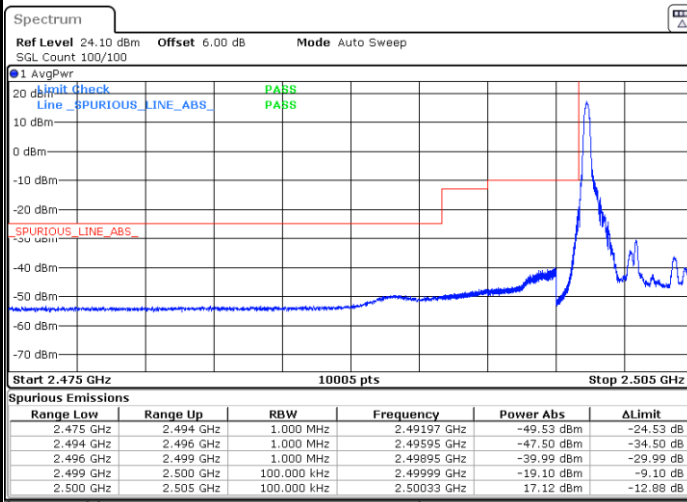


Date: 19 JUL 2023 14:25:55



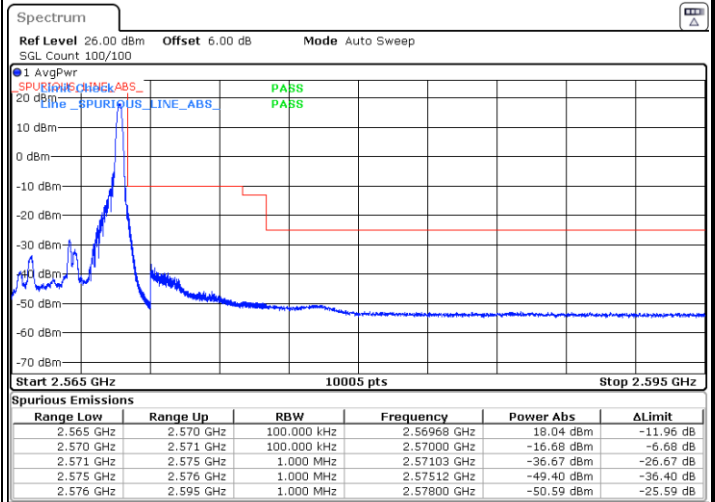
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



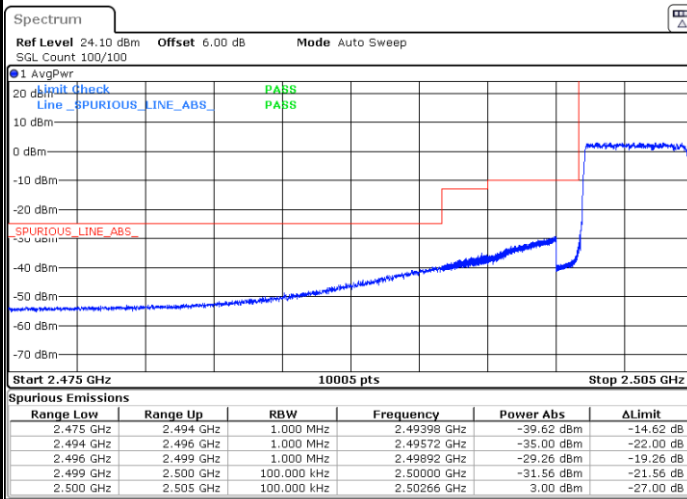
Date: 19 JUL 2023 14:21:35

Highest Band Edge / 1 RB



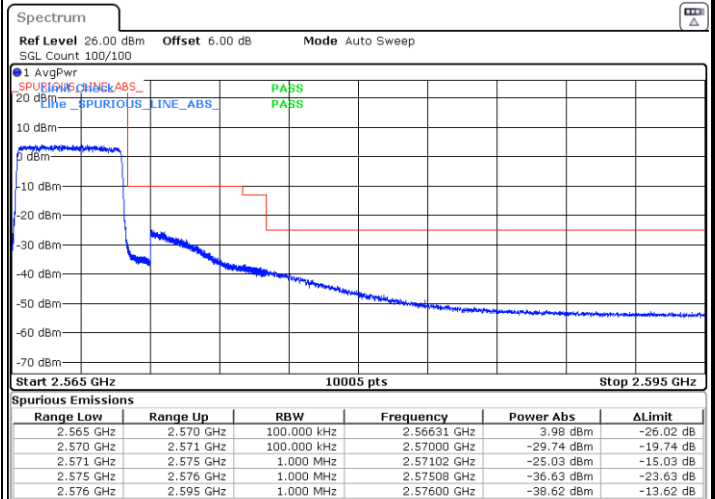
Date: 19 JUL 2023 14:27:21

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:22:13

Highest Band Edge / Full RB

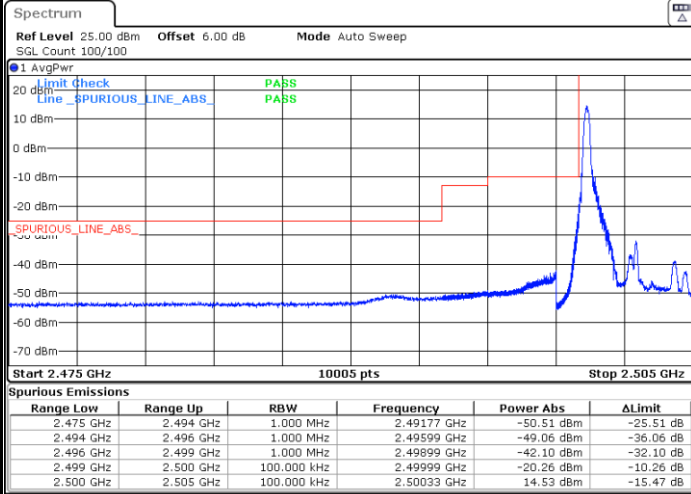


Date: 19 JUL 2023 14:26:41



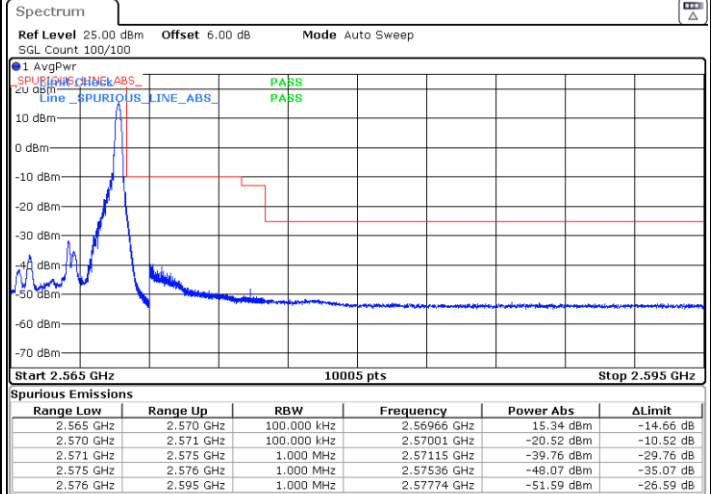
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



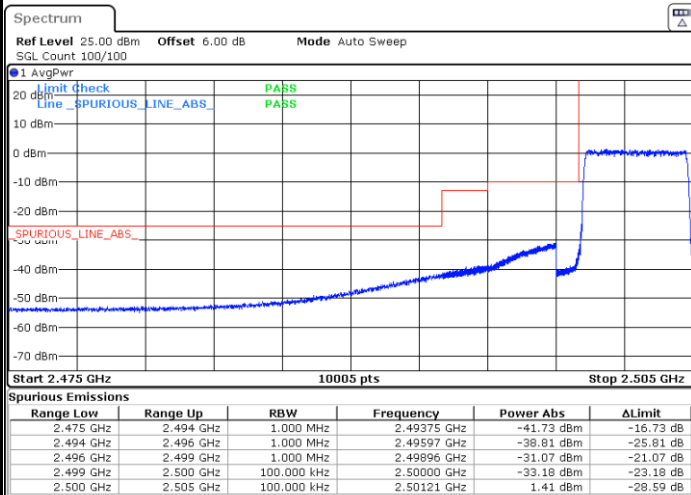
Date: 20.JUL.2023 21:19:59

Highest Band Edge / 1 RB



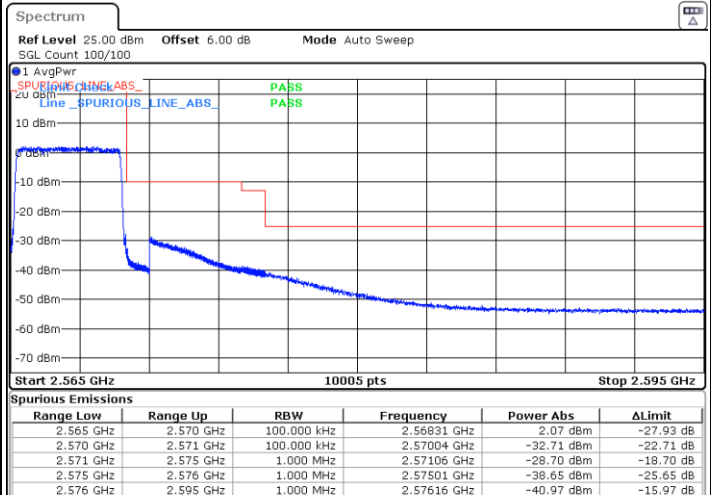
Date: 20.JUL.2023 21:23:48

Lowest Band Edge / Full RB



Date: 20.JUL.2023 21:20:59

Highest Band Edge / Full RB

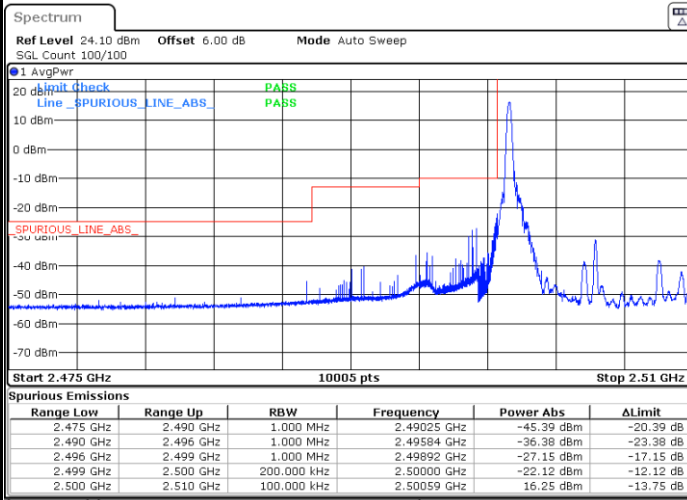


Date: 20.JUL.2023 21:22:32



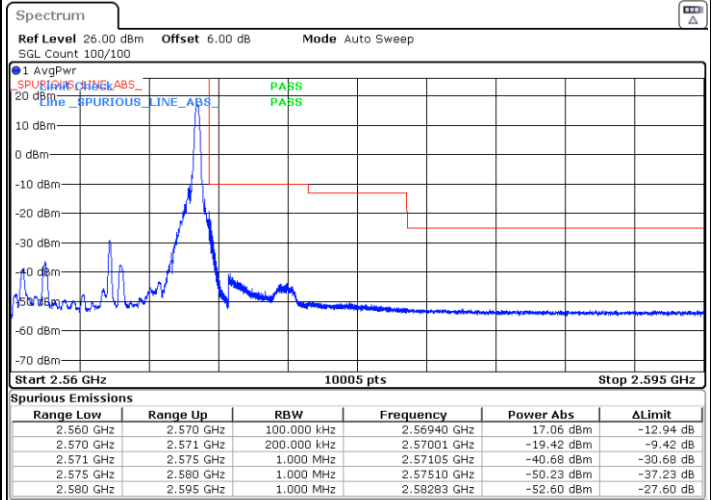
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



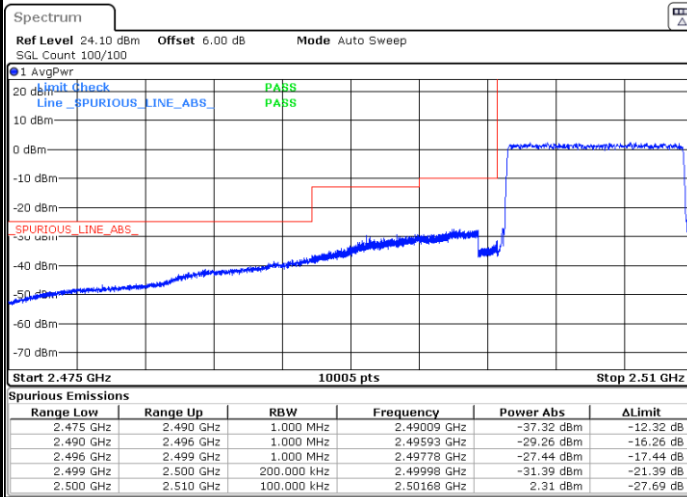
Date: 19 JUL 2023 14:36:46

Highest Band Edge / 1 RB



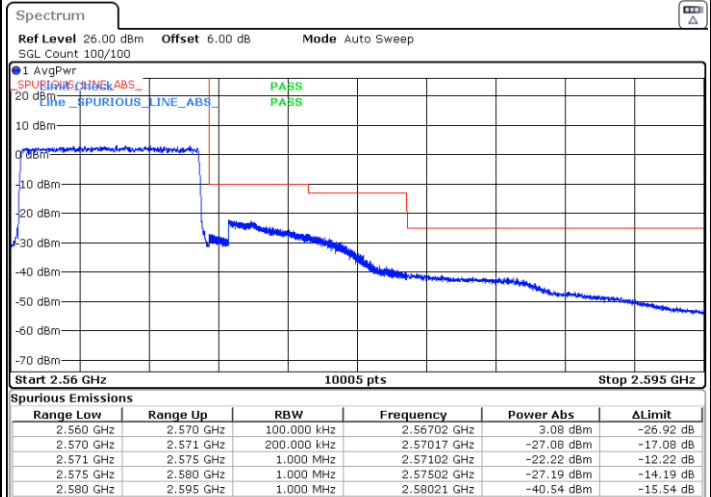
Date: 19 JUL 2023 14:42:54

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:39:48

Highest Band Edge / Full RB



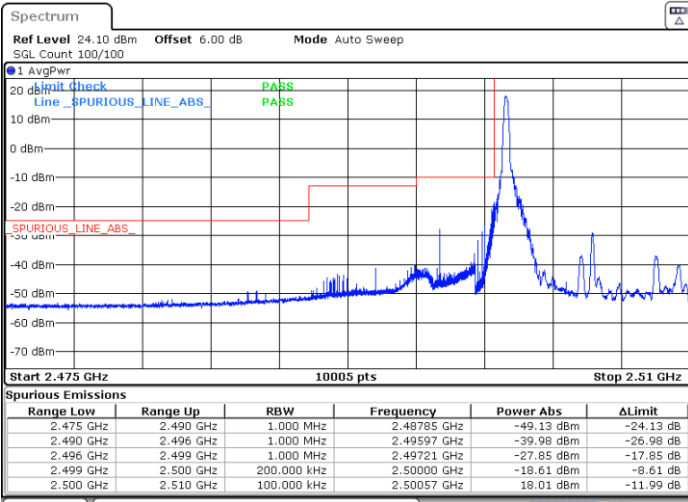
Date: 19 JUL 2023 14:40:23



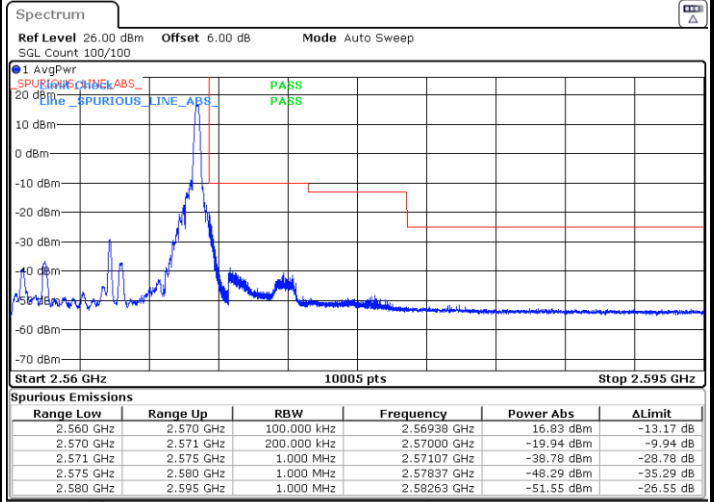
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



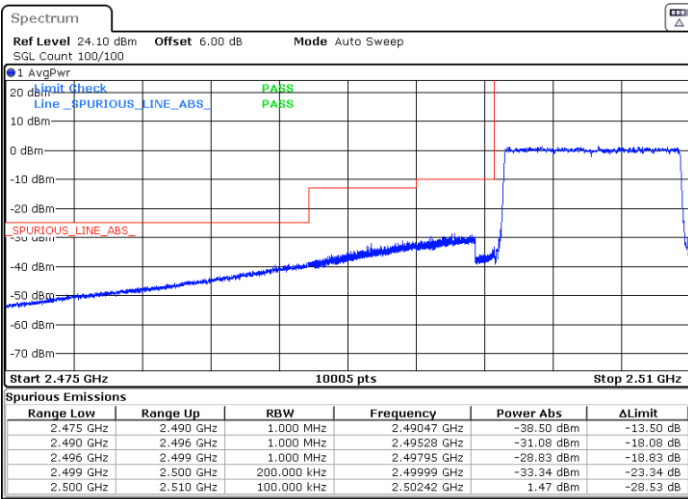
Date: 19 JUL 2023 14:37:34



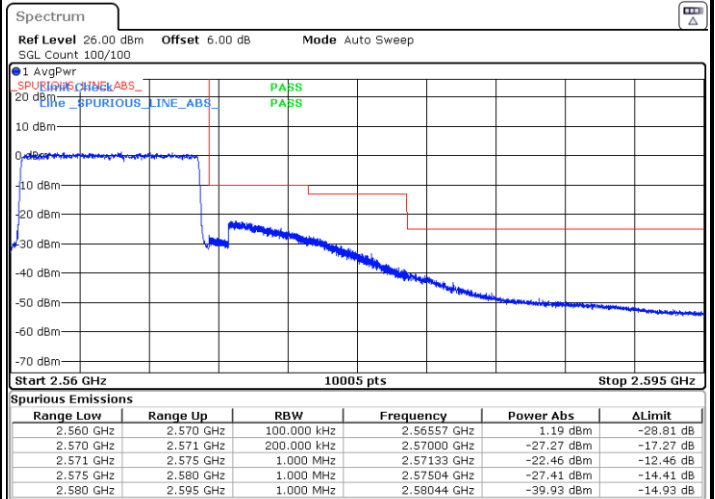
Date: 19 JUL 2023 14:42:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19 JUL 2023 14:39:16

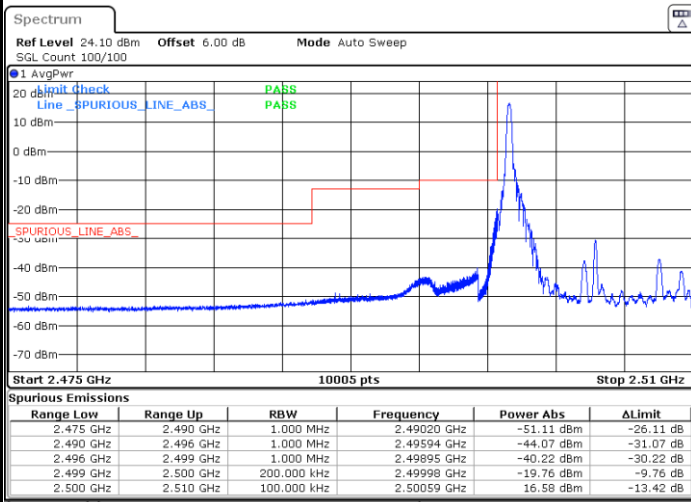


Date: 19 JUL 2023 14:40:46



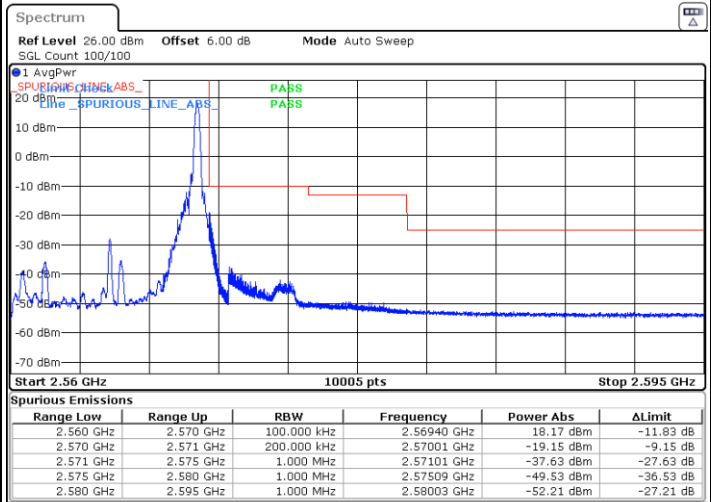
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



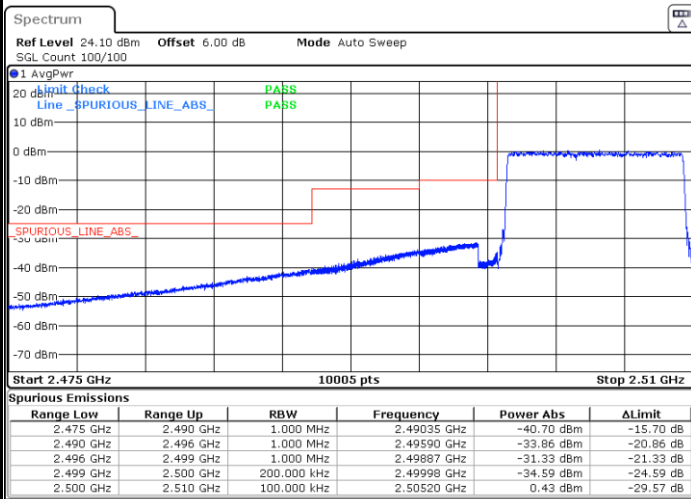
Date: 19 JUL 2023 14:38:08

Highest Band Edge / 1 RB



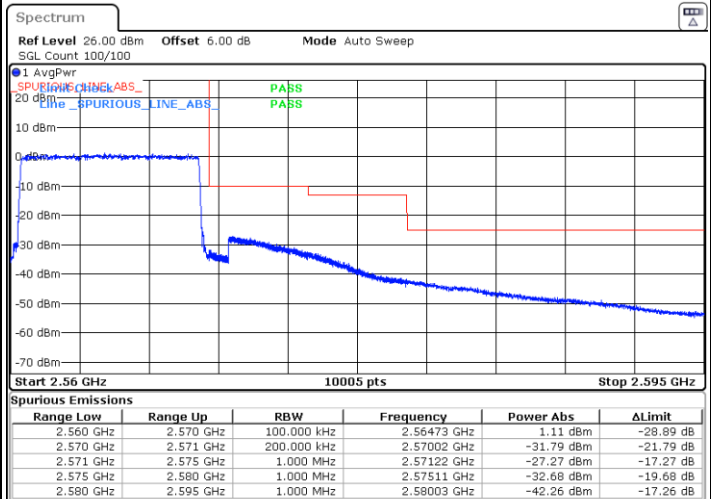
Date: 19 JUL 2023 14:42:01

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:38:47

Highest Band Edge / Full RB



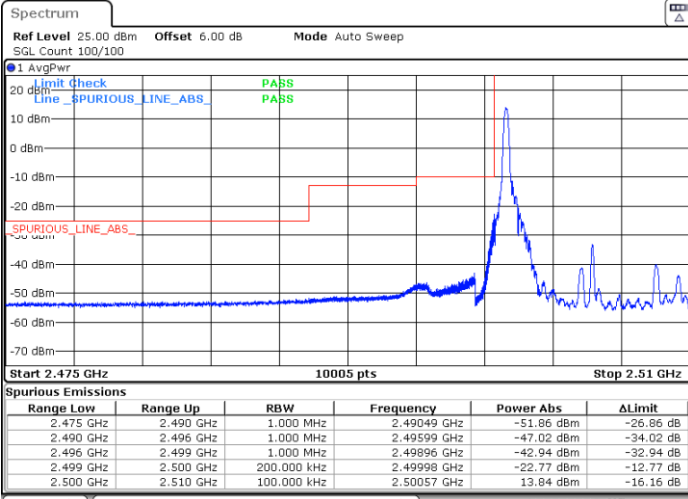
Date: 19 JUL 2023 14:41:09



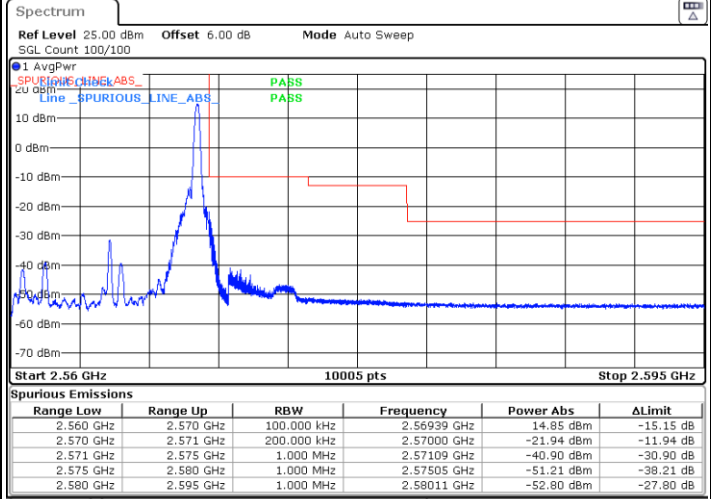
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



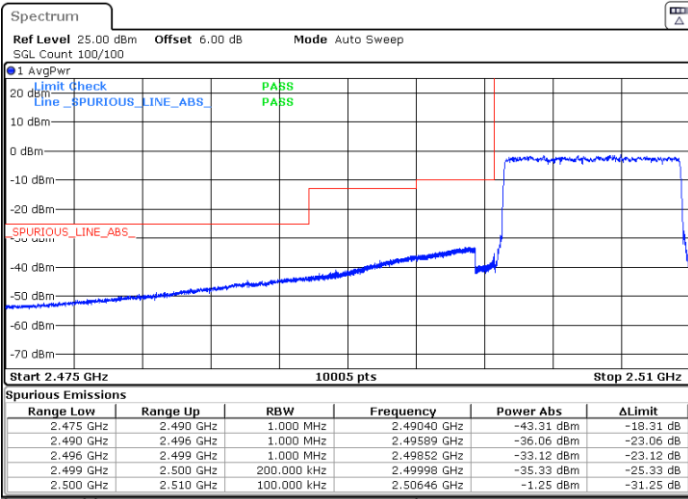
Date: 20.JUL.2023 21:26:32



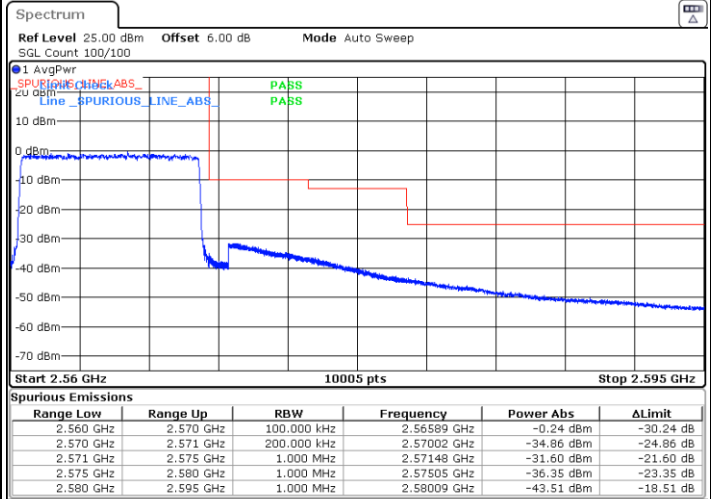
Date: 20.JUL.2023 21:30:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.JUL.2023 21:27:09

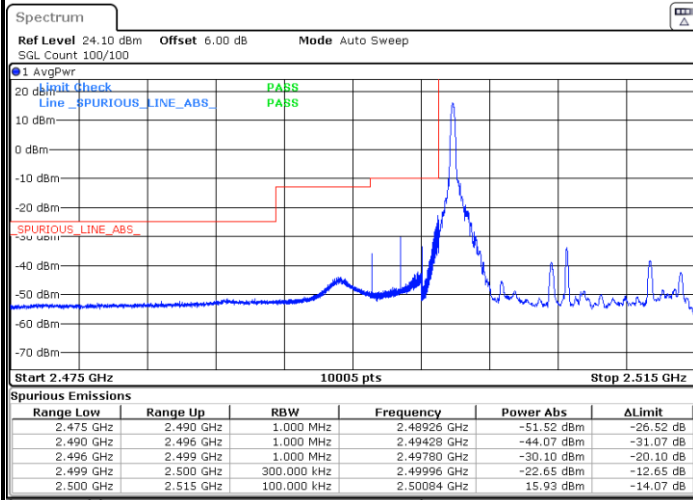


Date: 20.JUL.2023 21:28:50



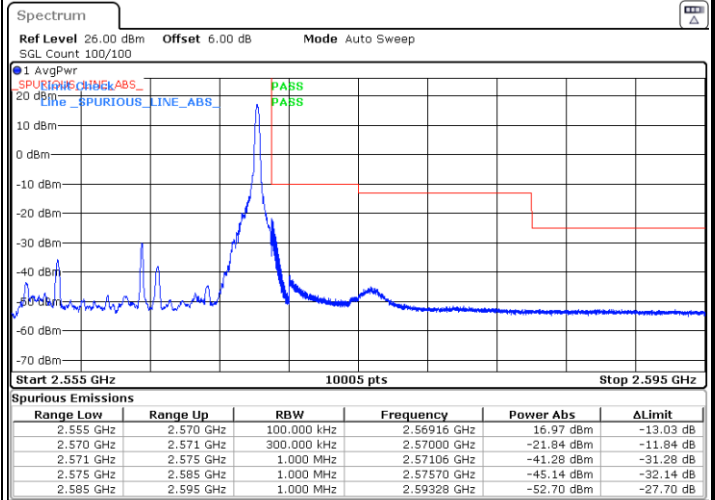
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



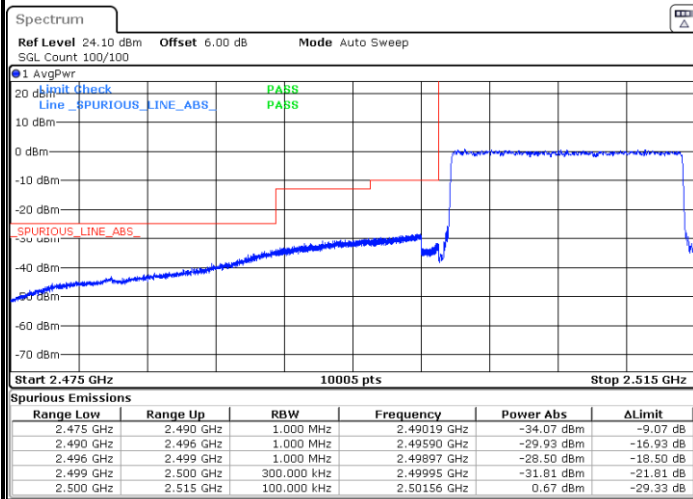
Date: 19 JUL 2023 14:53:16

Highest Band Edge / 1 RB



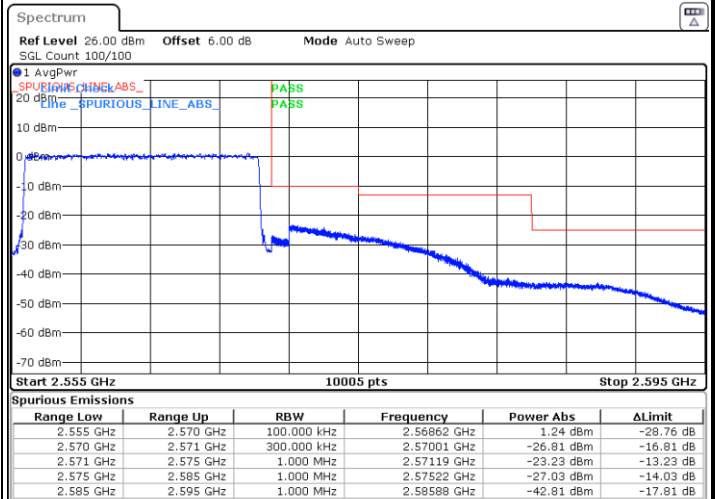
Date: 19 JUL 2023 15:01:41

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:55:46

Highest Band Edge / Full RB

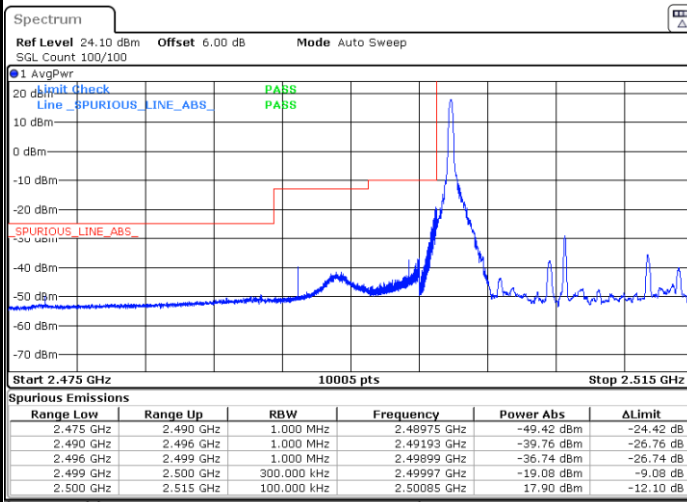


Date: 19 JUL 2023 14:59:06



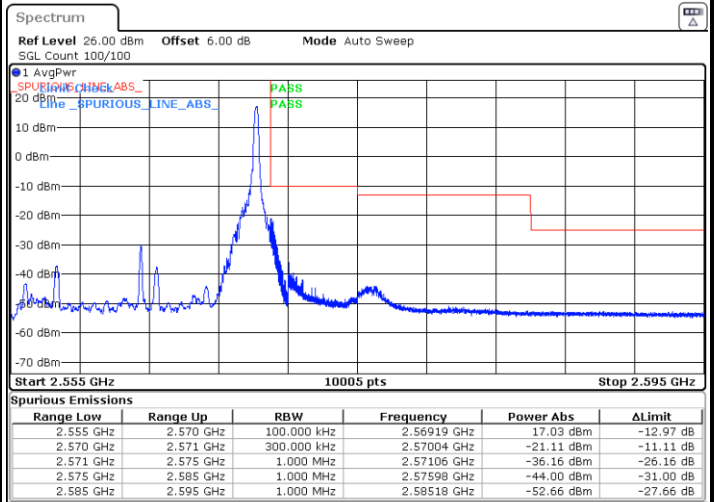
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



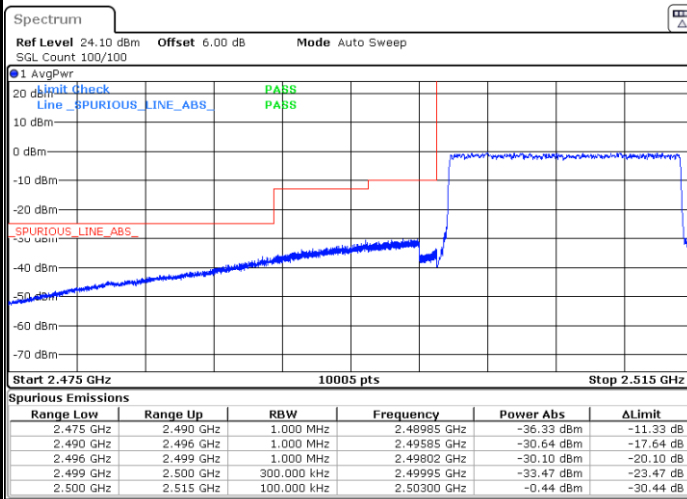
Date: 19 JUL 2023 14:53:43

Highest Band Edge / 1 RB



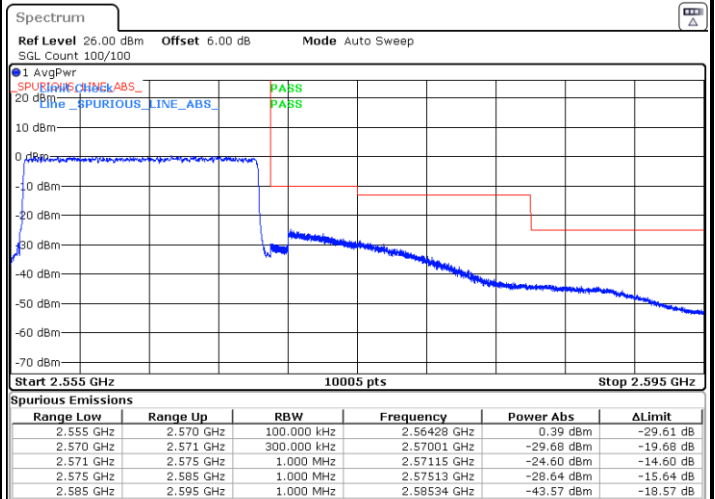
Date: 19 JUL 2023 15:01:22

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:55:10

Highest Band Edge / Full RB

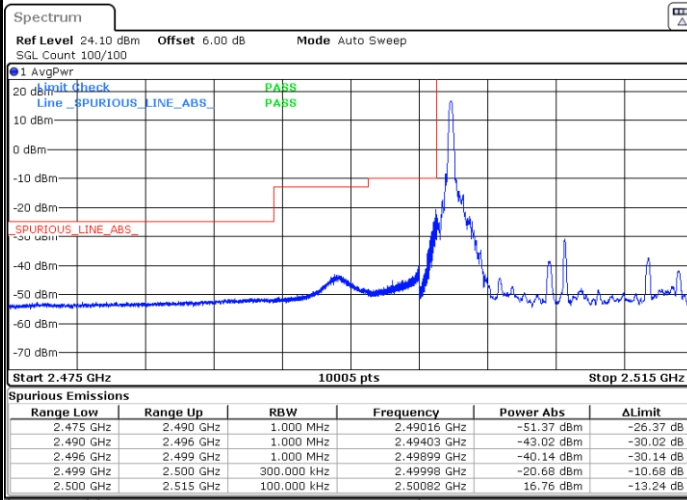


Date: 19 JUL 2023 14:59:29



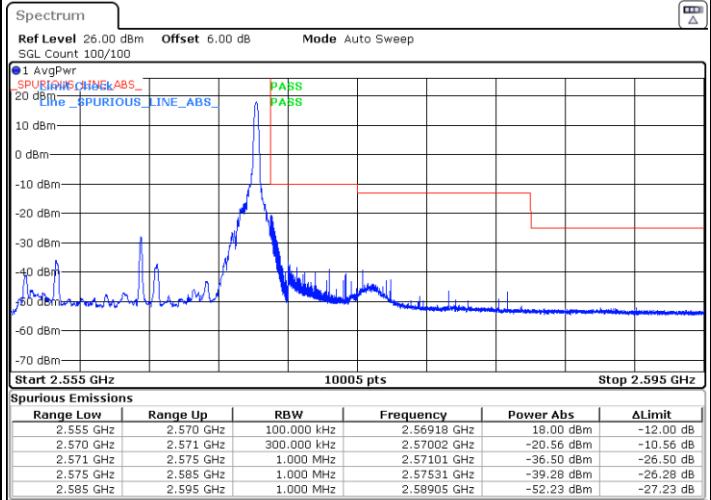
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



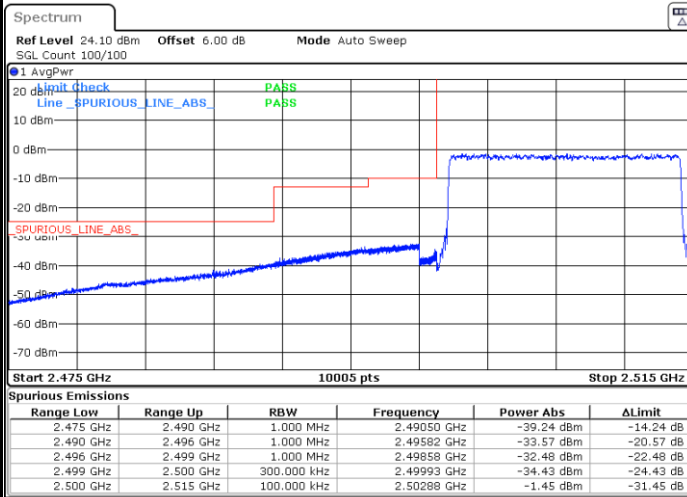
Date: 19 JUL 2023 14:54:12

Highest Band Edge / 1 RB



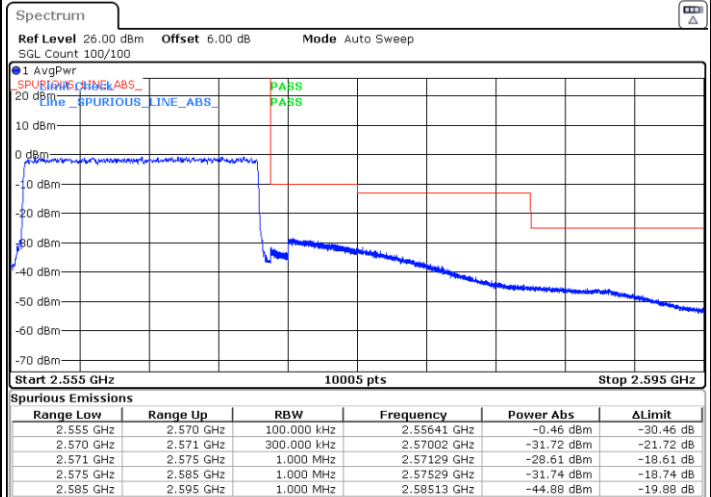
Date: 19 JUL 2023 15:00:50

Lowest Band Edge / Full RB



Date: 19 JUL 2023 14:54:46

Highest Band Edge / Full RB



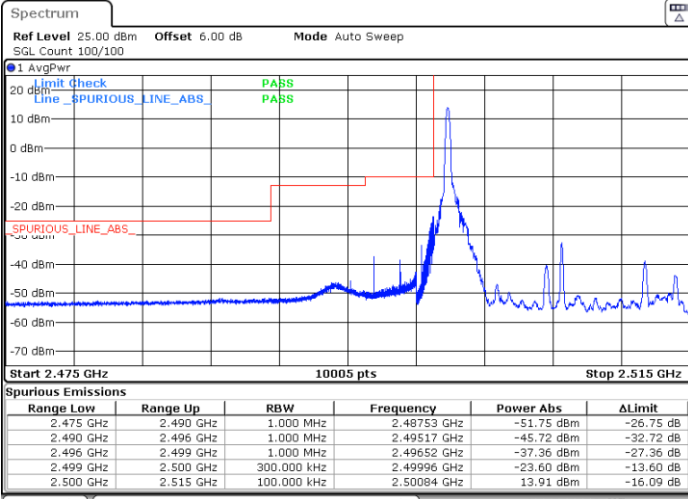
Date: 19 JUL 2023 15:00:10



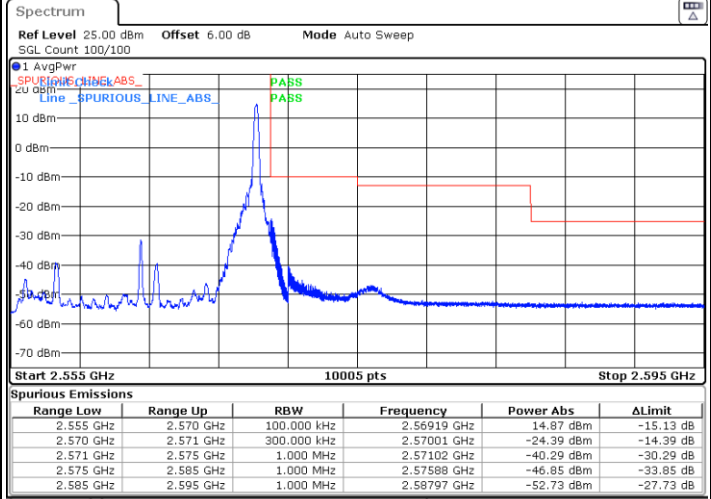
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



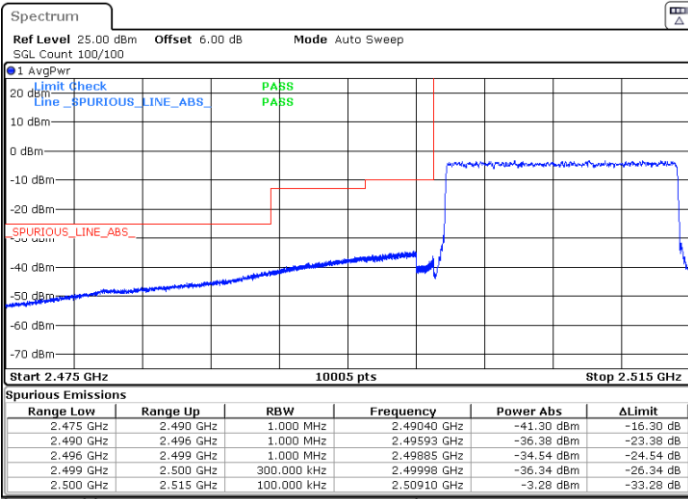
Date: 20_JUL_2023 21:32:14



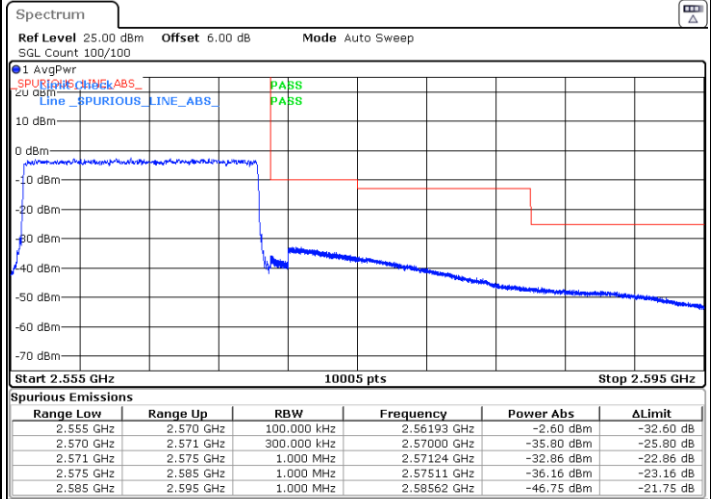
Date: 20_JUL_2023 21:34:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_JUL_2023 21:32:52

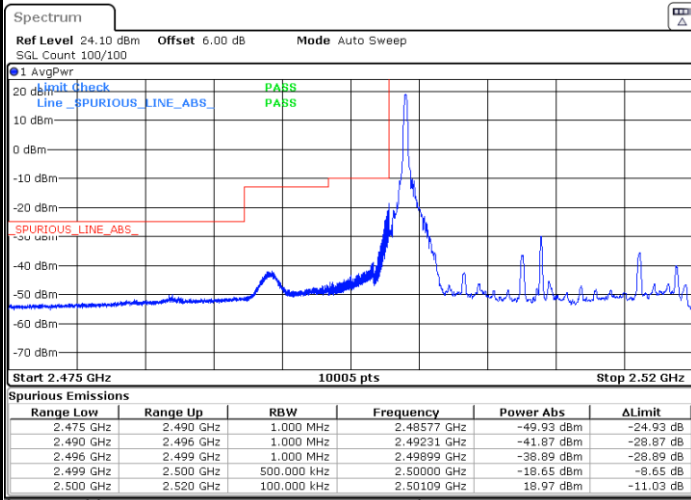


Date: 20_JUL_2023 21:33:29



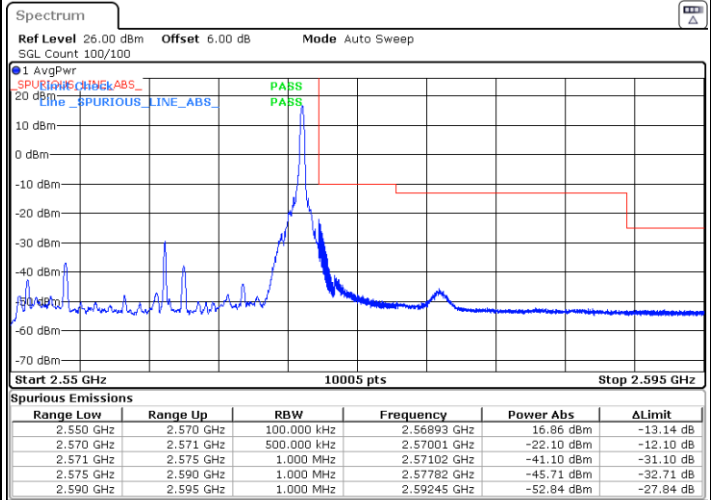
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



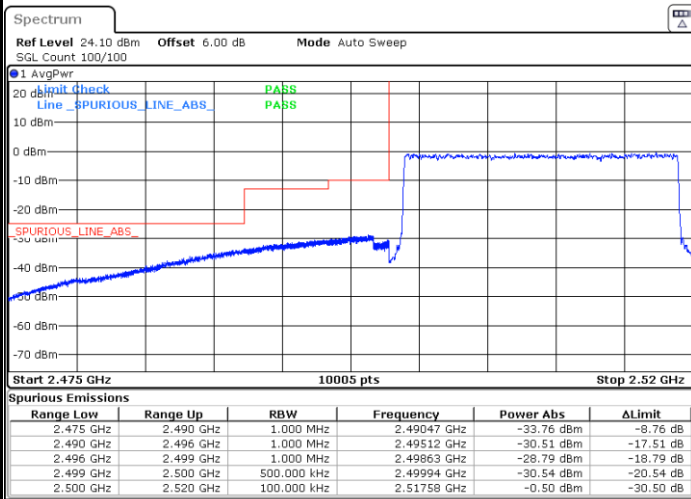
Date: 19 JUL 2023 15:09:51

Highest Band Edge / 1 RB



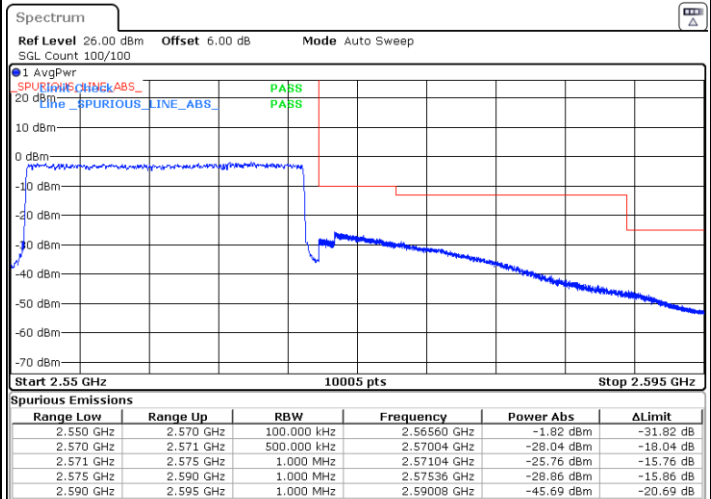
Date: 19 JUL 2023 15:18:59

Lowest Band Edge / Full RB



Date: 19 JUL 2023 15:12:51

Highest Band Edge / Full RB

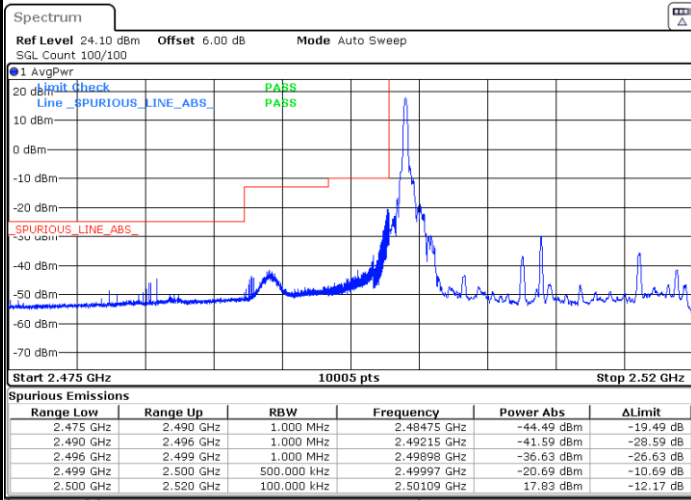


Date: 19 JUL 2023 15:16:06



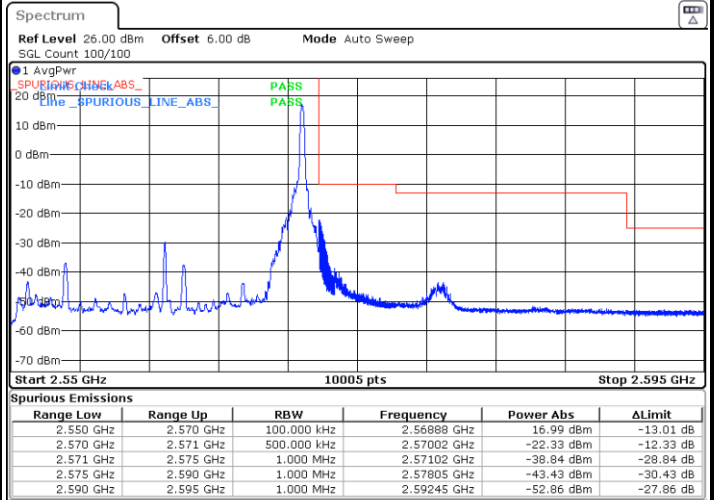
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



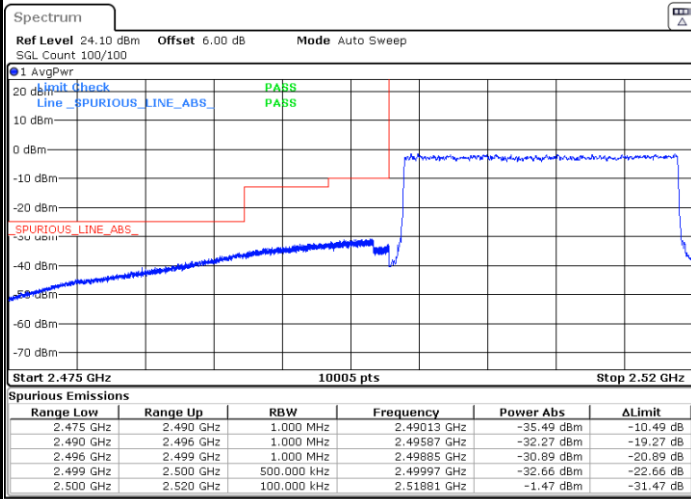
Date: 19 JUL 2023 15:10:35

Highest Band Edge / 1 RB



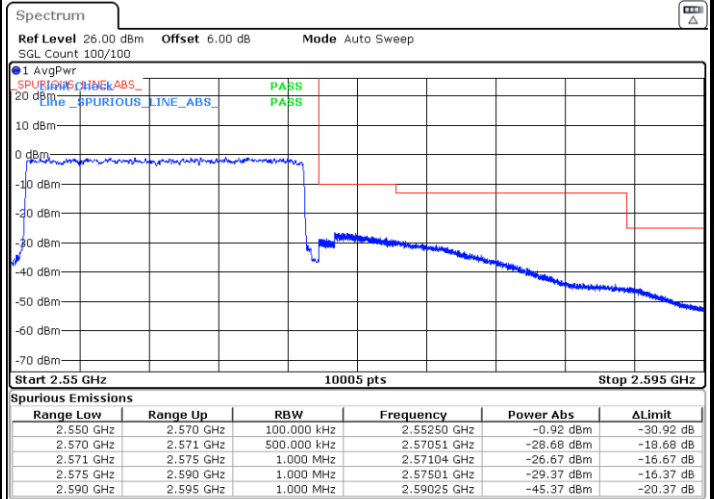
Date: 19 JUL 2023 15:18:29

Lowest Band Edge / Full RB



Date: 19 JUL 2023 15:12:27

Highest Band Edge / Full RB

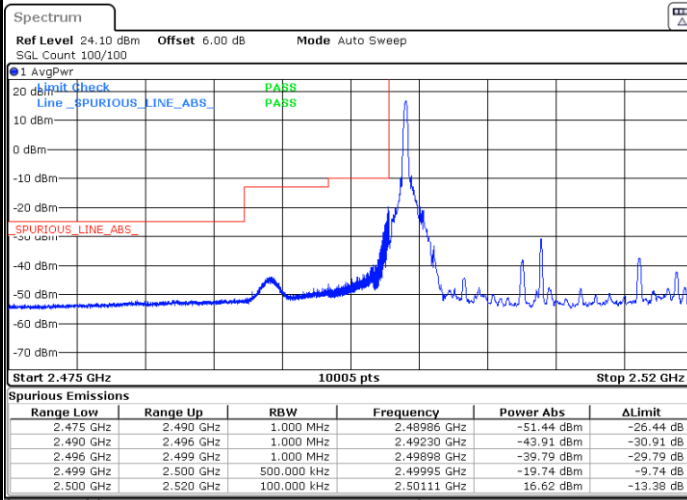


Date: 19 JUL 2023 15:16:29



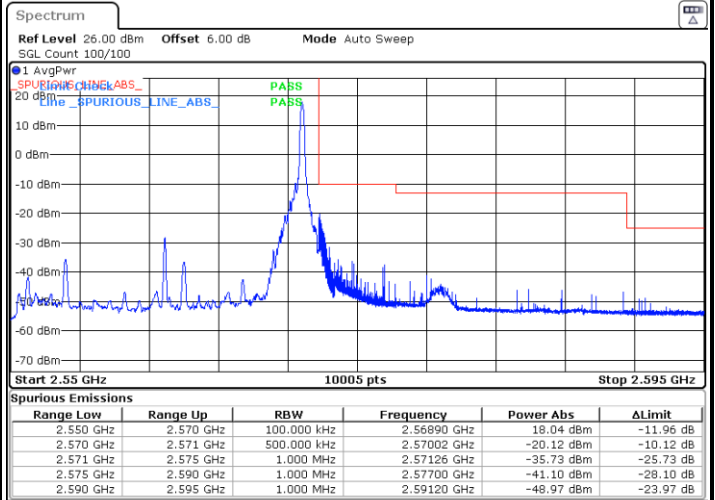
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



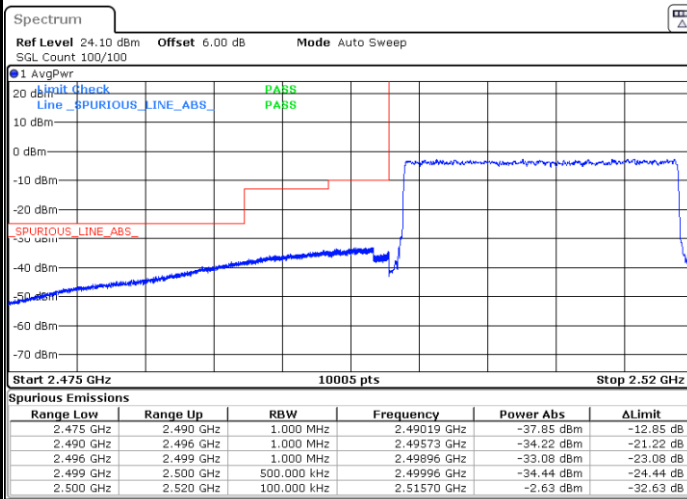
Date: 19 JUL 2023 15:11:15

Highest Band Edge / 1 RB



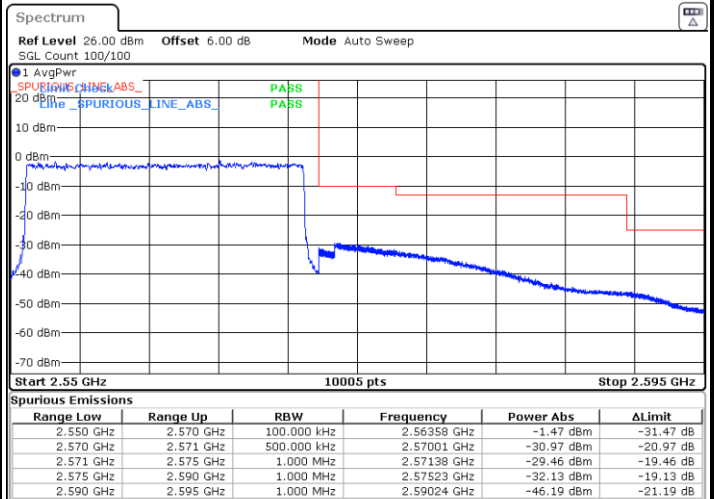
Date: 19 JUL 2023 15:18:03

Lowest Band Edge / Full RB



Date: 19 JUL 2023 15:11:56

Highest Band Edge / Full RB

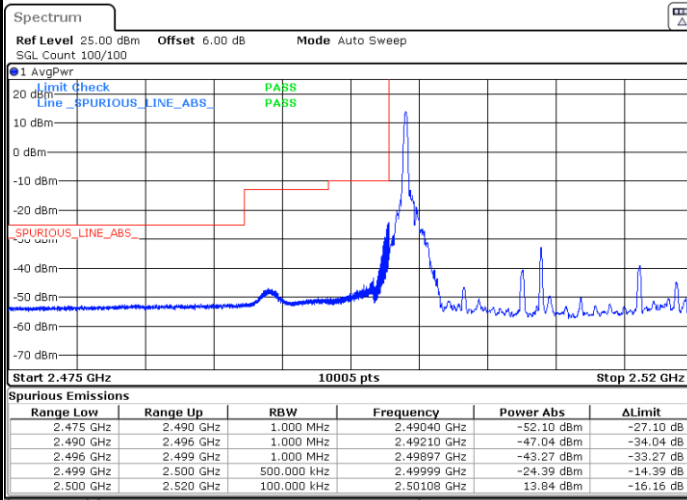


Date: 19 JUL 2023 15:17:23



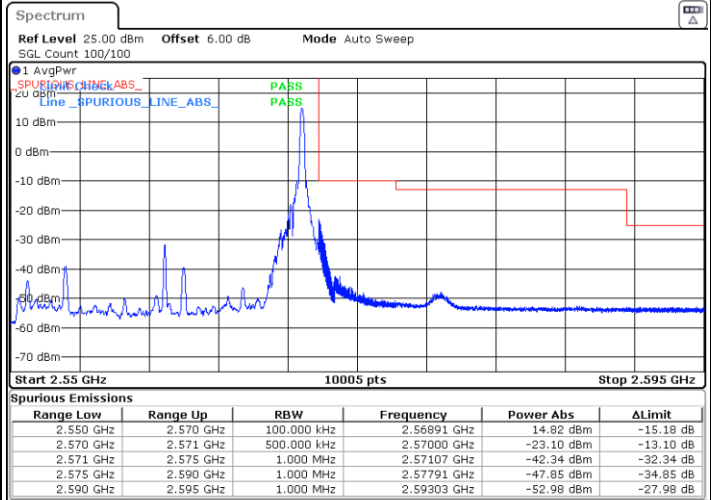
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



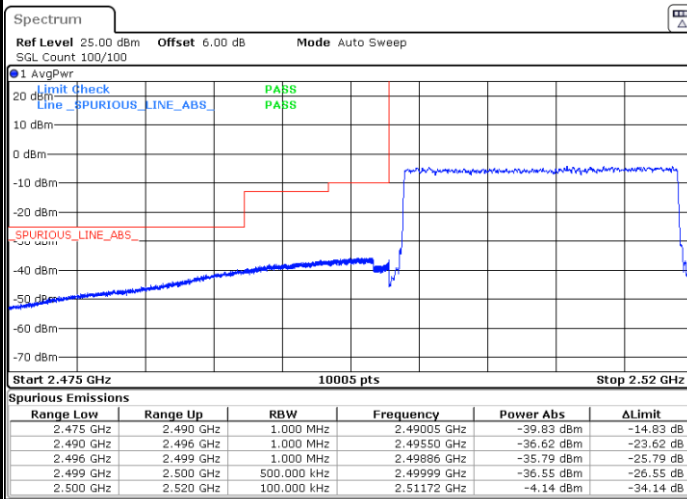
Date: 20.JUL.2023 21:36:08

Highest Band Edge / 1 RB



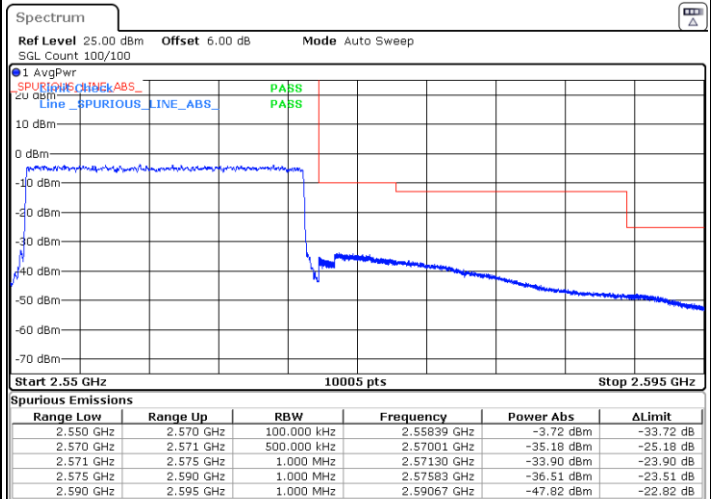
Date: 20.JUL.2023 21:38:39

Lowest Band Edge / Full RB



Date: 20.JUL.2023 21:36:26

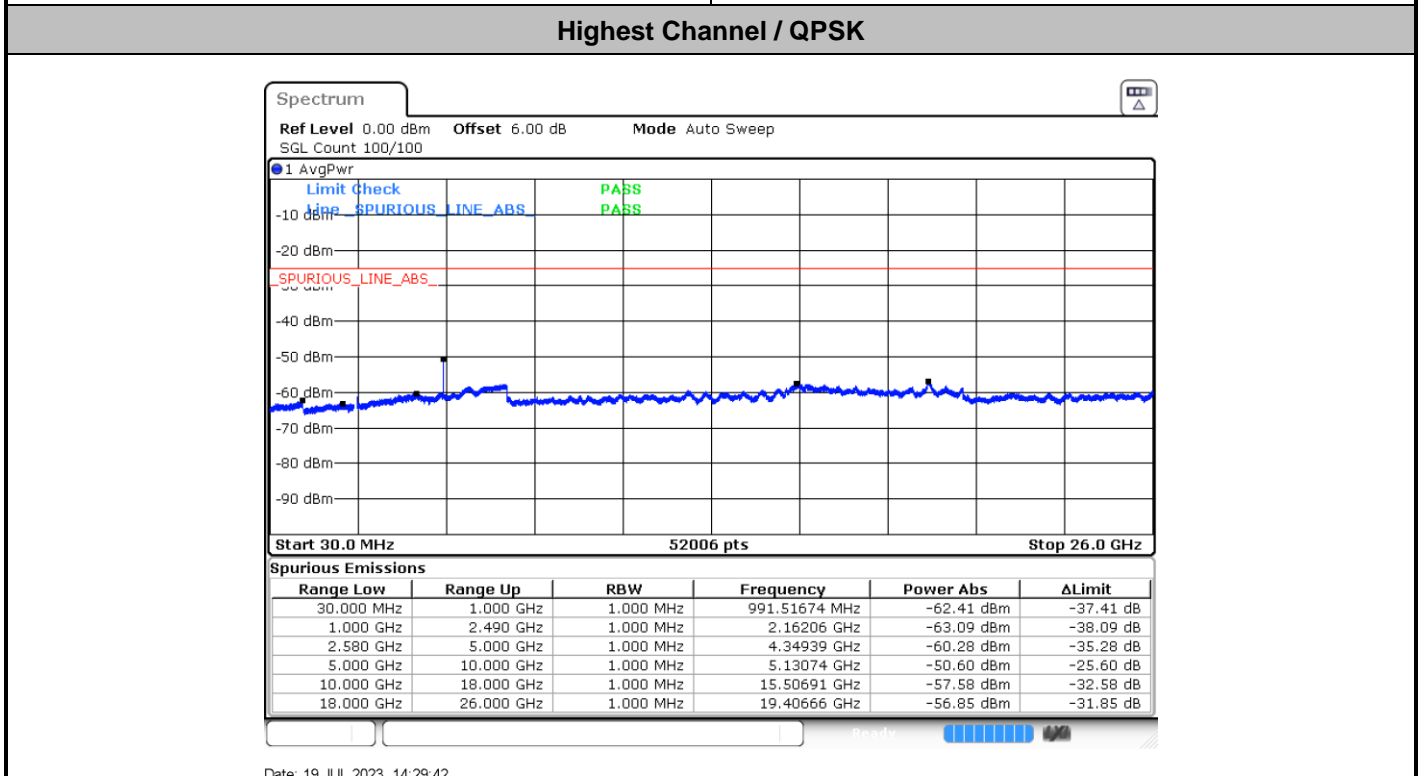
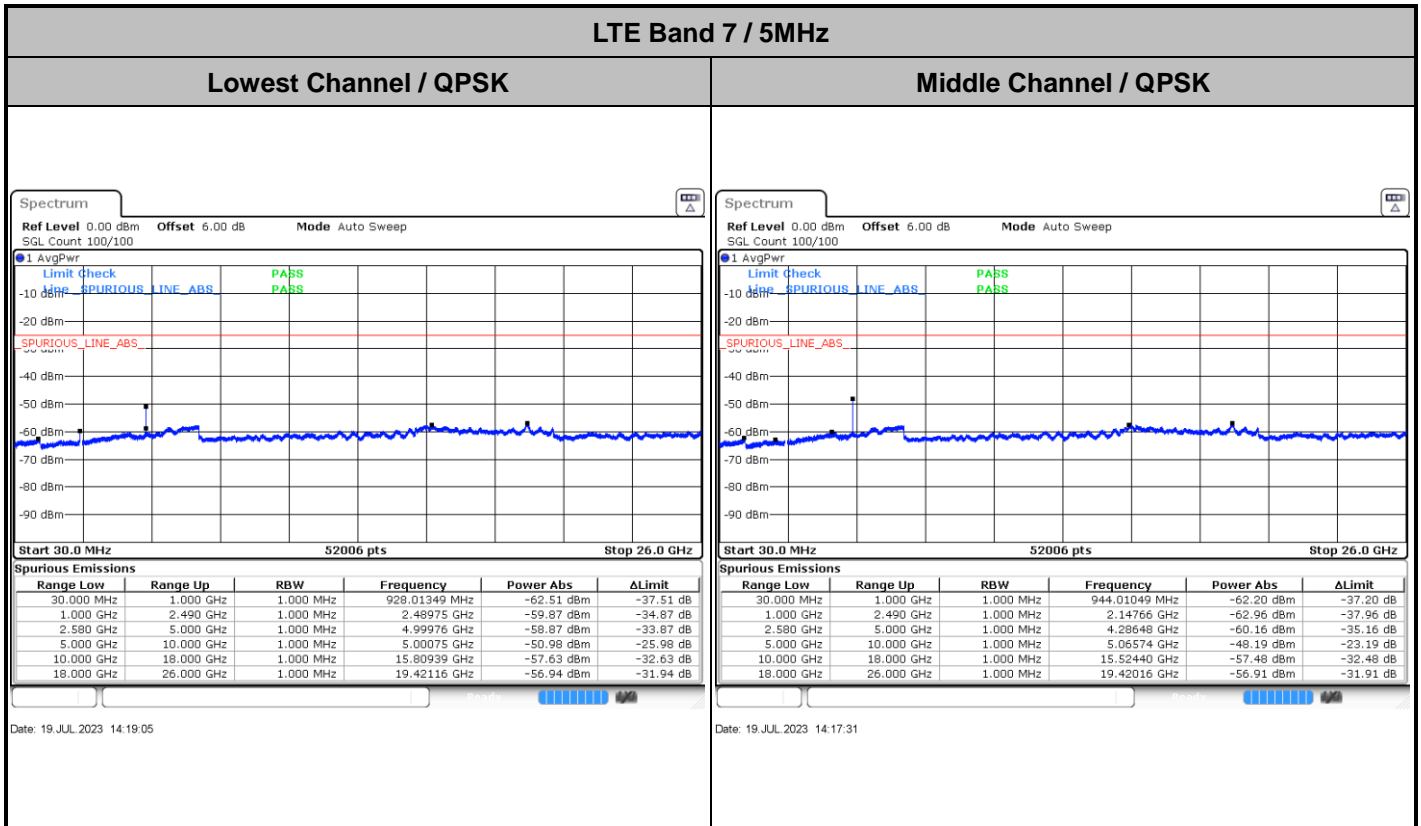
Highest Band Edge / Full RB



Date: 20.JUL.2023 21:37:31



Conducted Spurious Emission

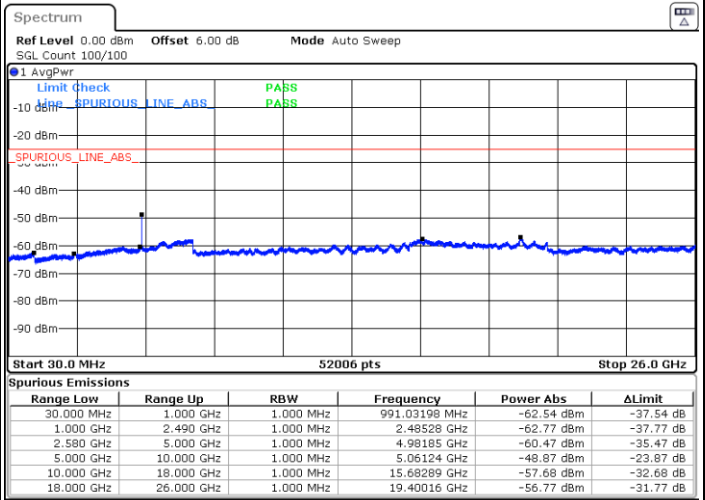
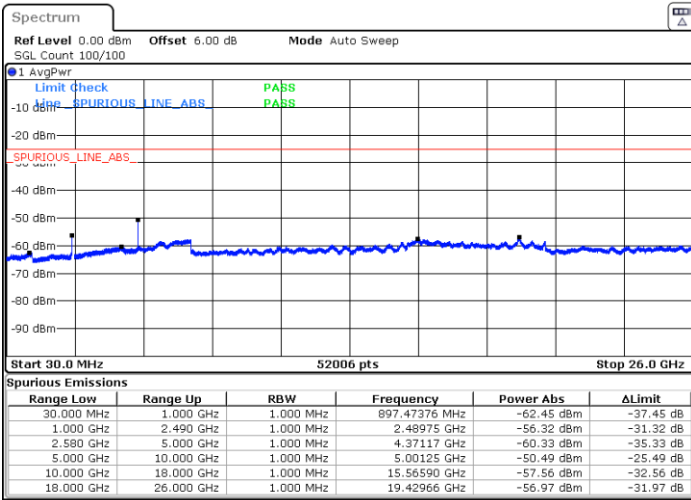




LTE Band 7 / 10MHz

Lowest Channel / QPSK

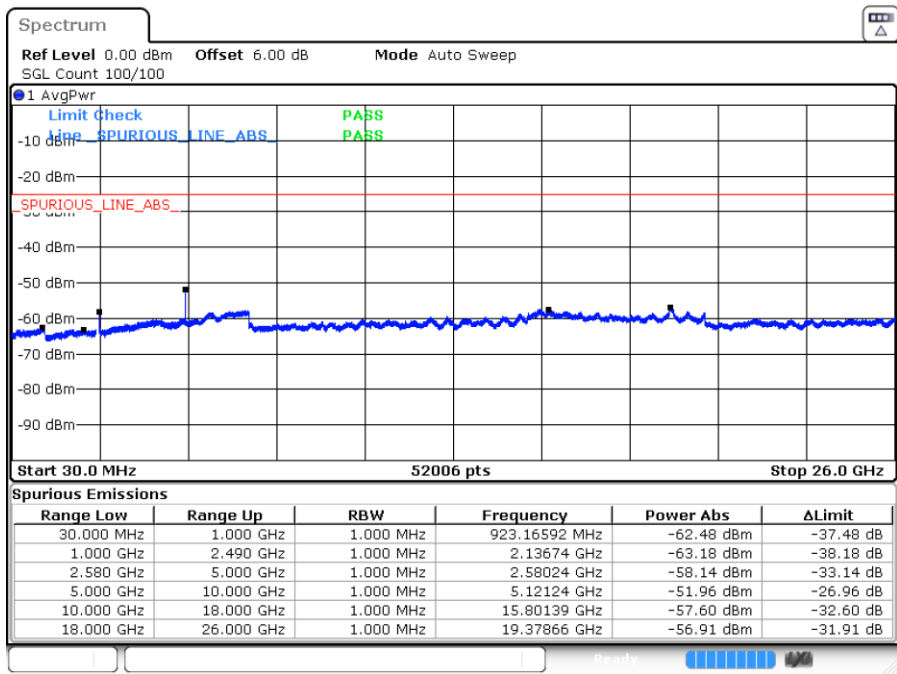
Middle Channel / QPSK



Date: 19 JUL 2023 14:36:05

Date: 19 JUL 2023 14:34:25

Highest Channel / QPSK



Date: 19 JUL 2023 14:44:35