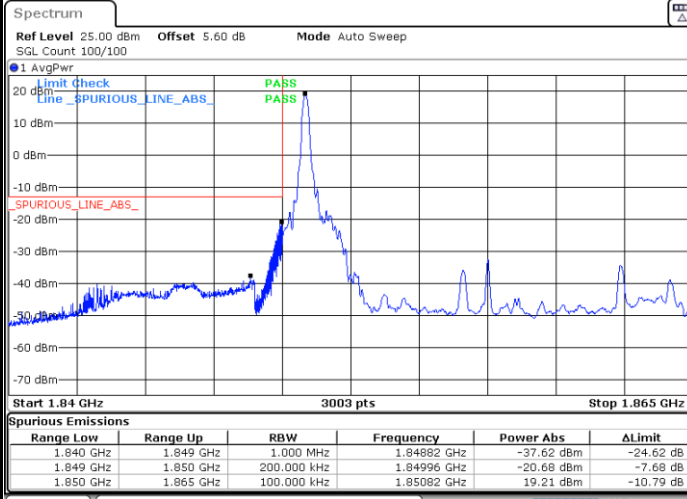




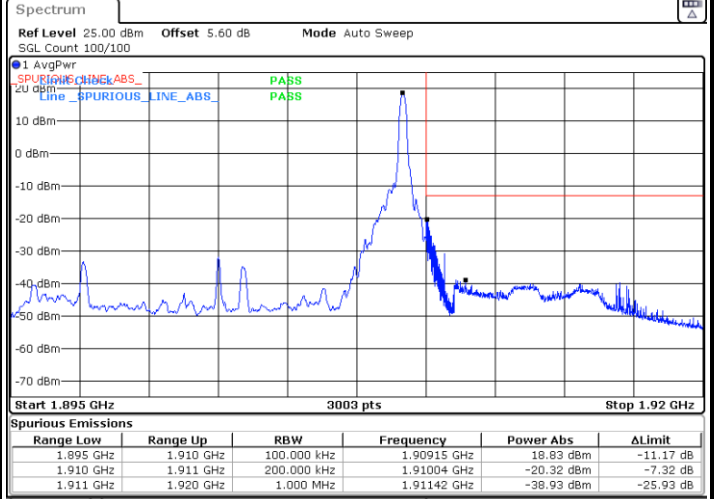
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1RB



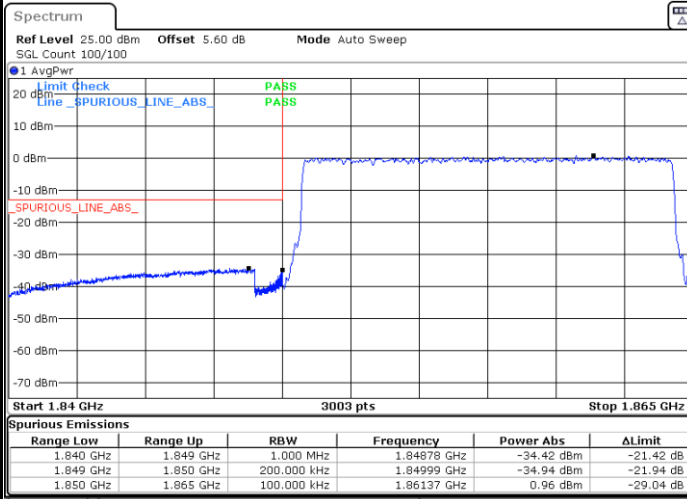
Date: 16 JUN 2024 01:52:38

Highest Band Edge / 1 RB



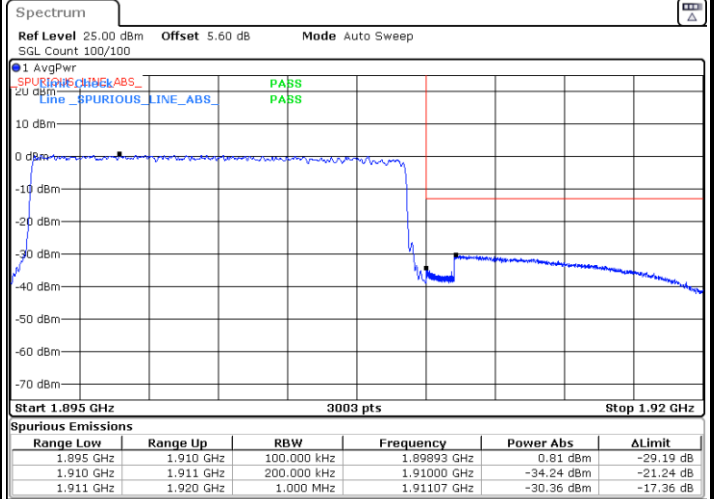
Date: 16 JUN 2024 02:06:34

Lowest Band Edge / Full RB



Date: 16 JUN 2024 01:55:46

Highest Band Edge / Full RB

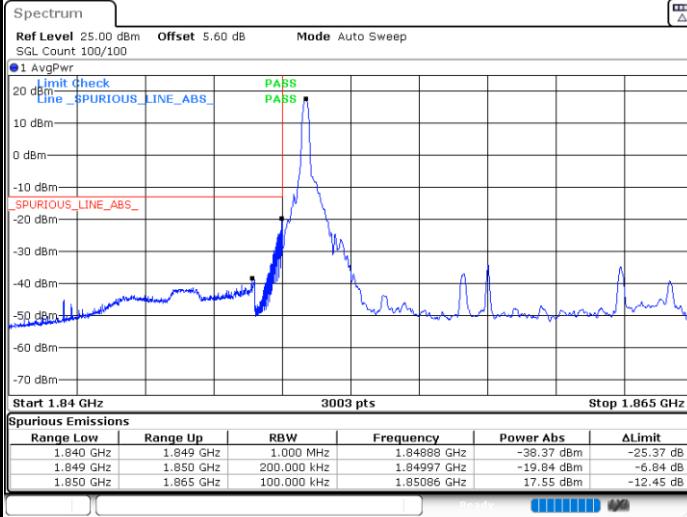


Date: 16 JUN 2024 02:09:02



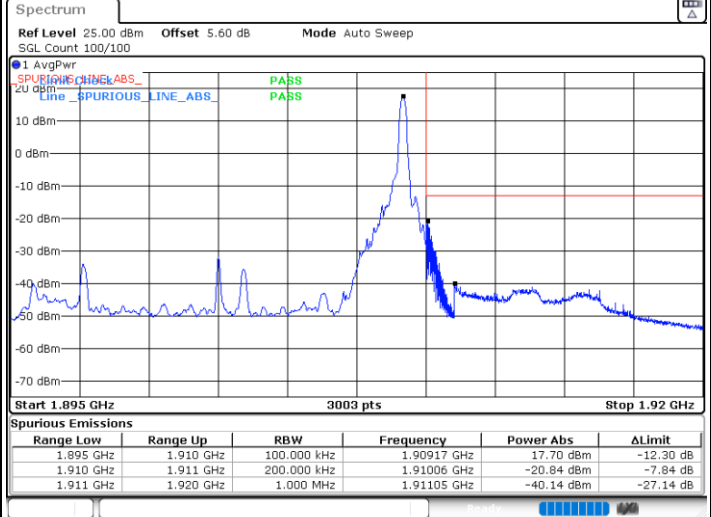
LTE Band 2 /15MHz / 64QAM

Lowest Band Edge / 1RB



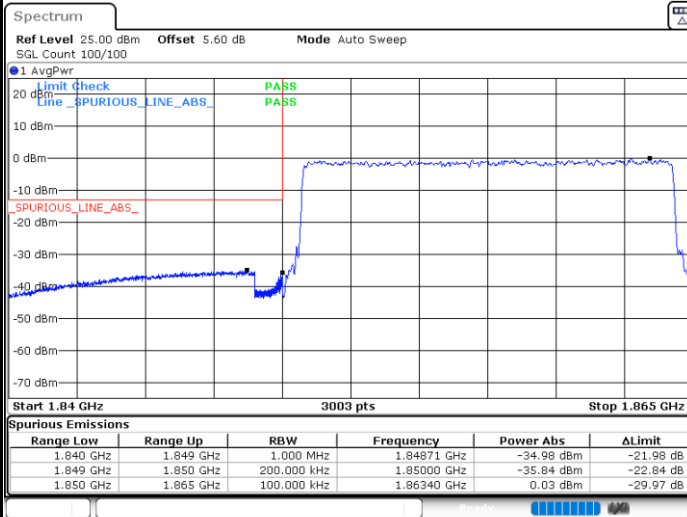
Date: 16.JUN.2024 01:52:50

Highest Band Edge / 1 RB



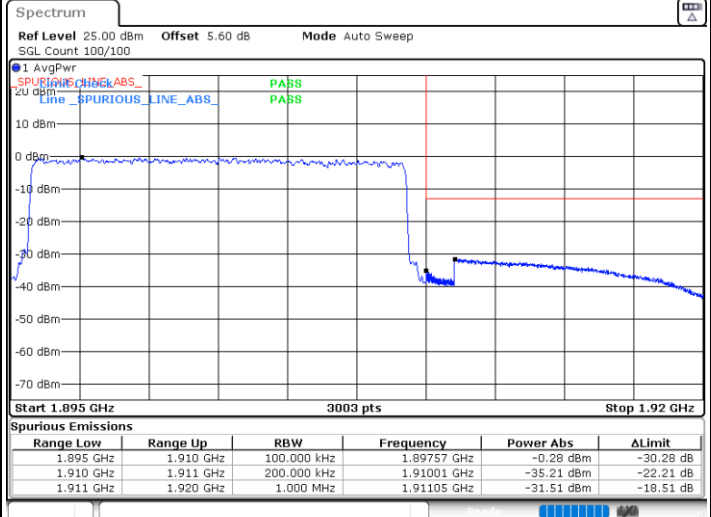
Date: 16.JUN.2024 02:07:13

Lowest Band Edge / Full RB



Date: 16.JUN.2024 01:55:35

Highest Band Edge / Full RB

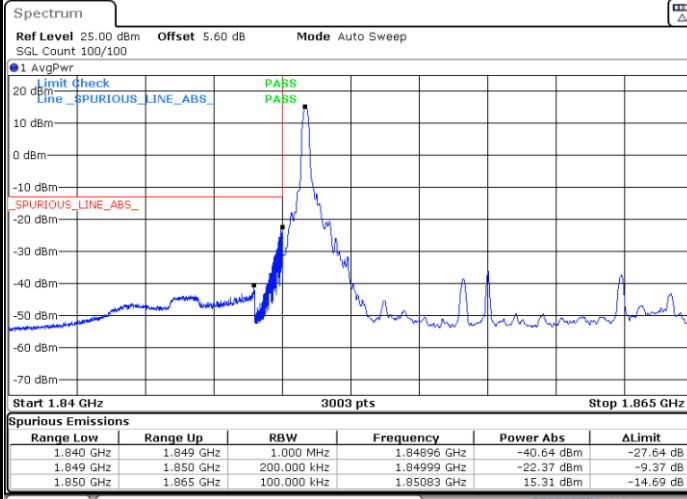


Date: 16.JUN.2024 02:08:49



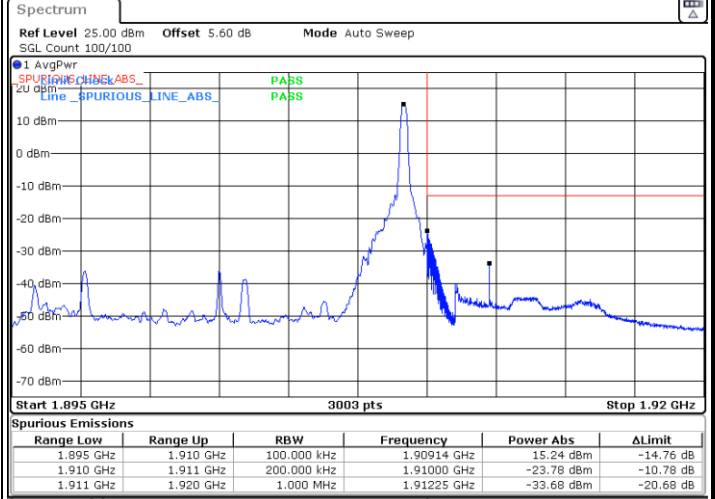
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1RB



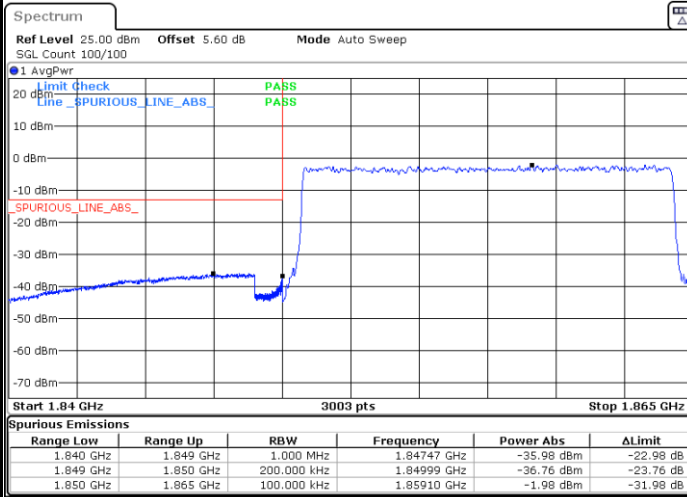
Date: 16.JUN.2024 01:53:39

Highest Band Edge / 1 RB



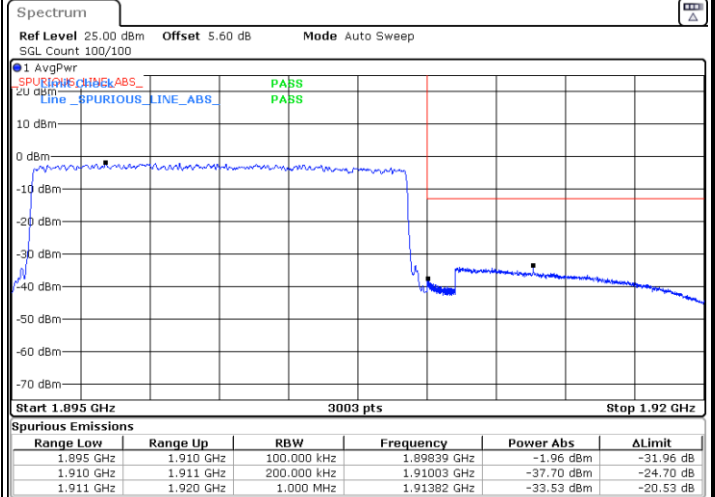
Date: 16.JUN.2024 02:07:56

Lowest Band Edge / Full RB



Date: 16.JUN.2024 01:55:16

Highest Band Edge / Full RB

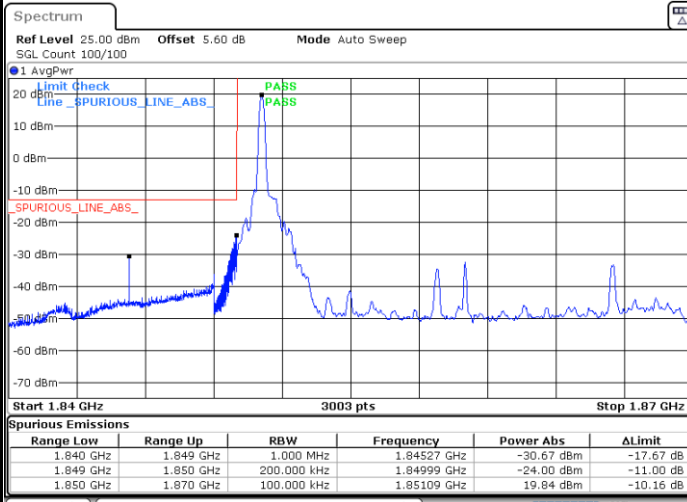


Date: 16.JUN.2024 02:08:19



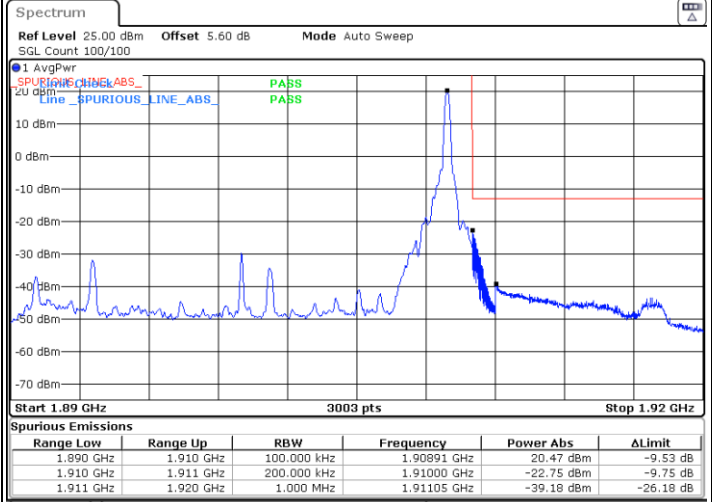
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



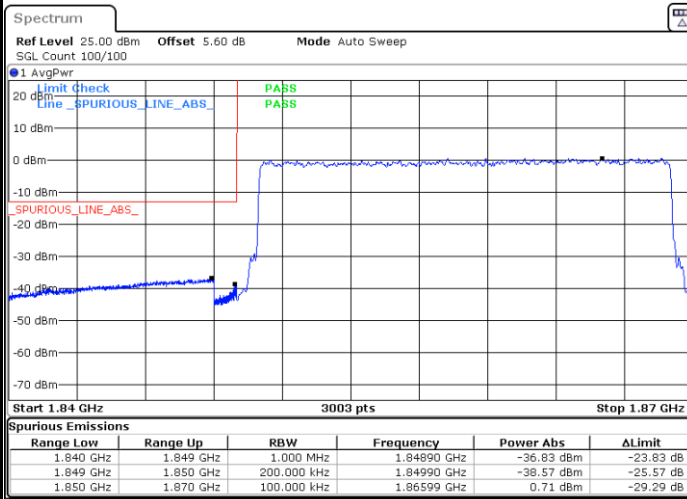
Date: 16.JUN.2024 02:11:04

Highest Band Edge / 1 RB



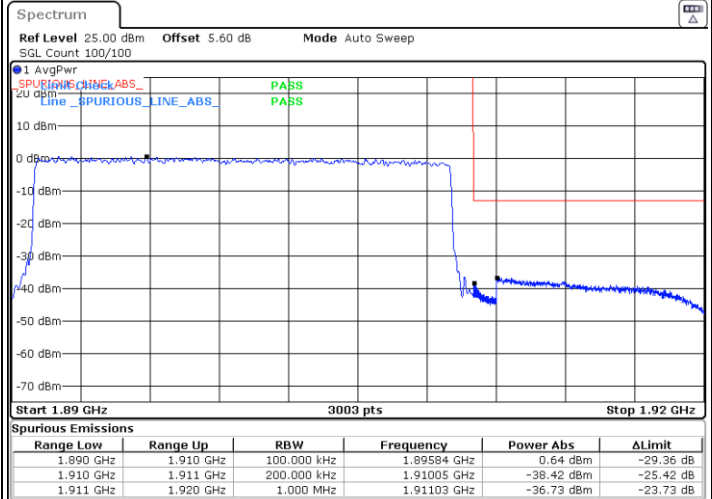
Date: 16.JUN.2024 02:23:25

Lowest Band Edge / Full RB



Date: 16.JUN.2024 02:13:22

Highest Band Edge / Full RB



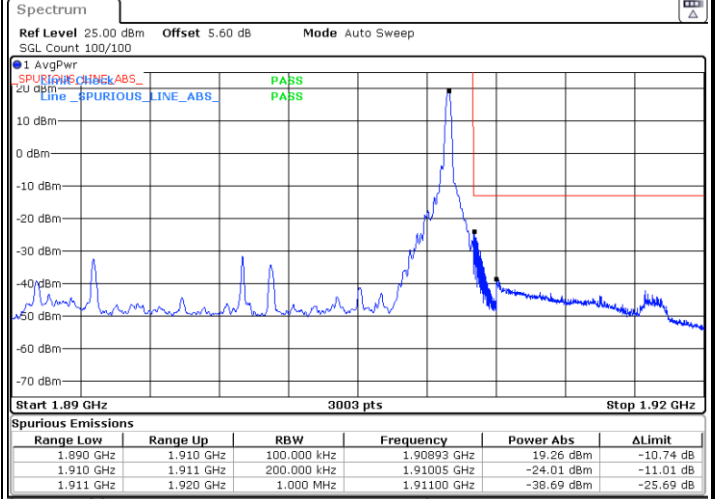
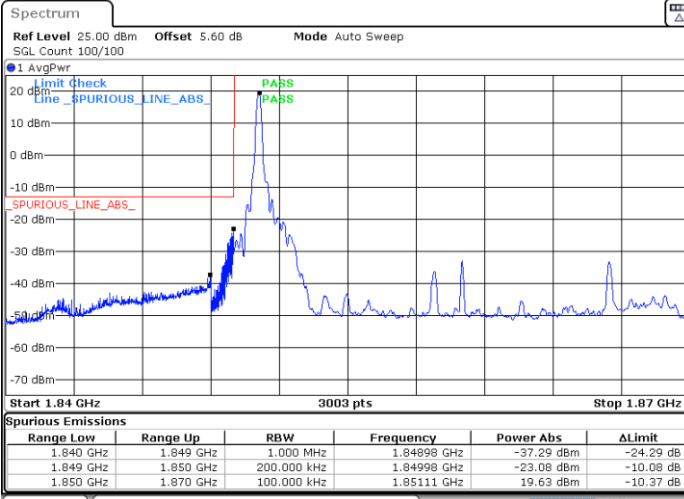
Date: 16.JUN.2024 02:25:08



LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

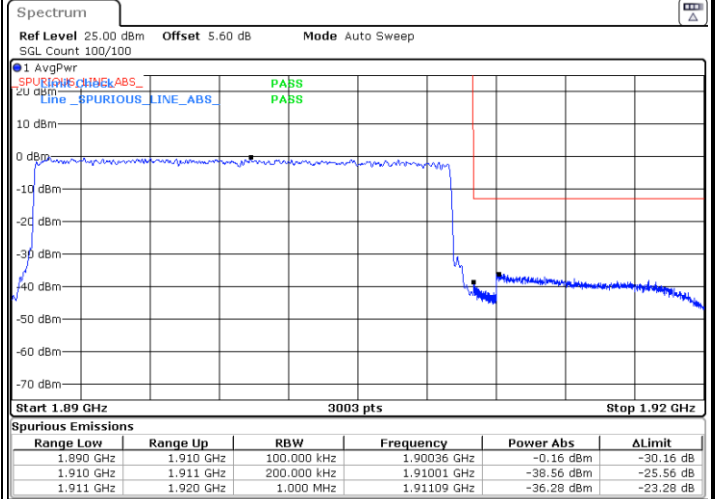
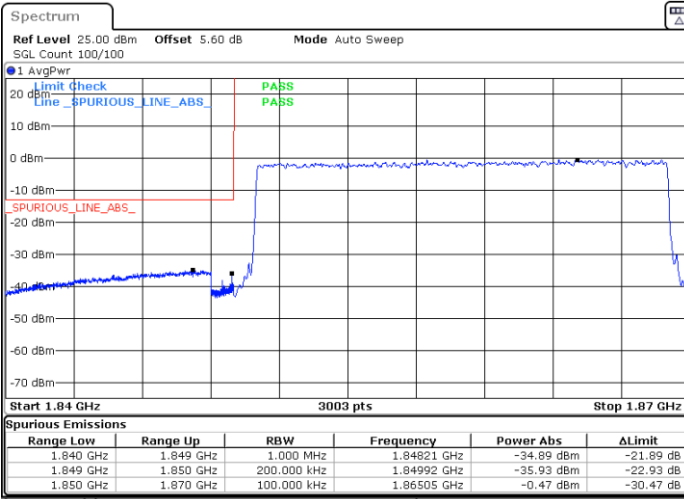


Date: 16.JUN.2024 02:11:14

Date: 16.JUN.2024 02:23:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



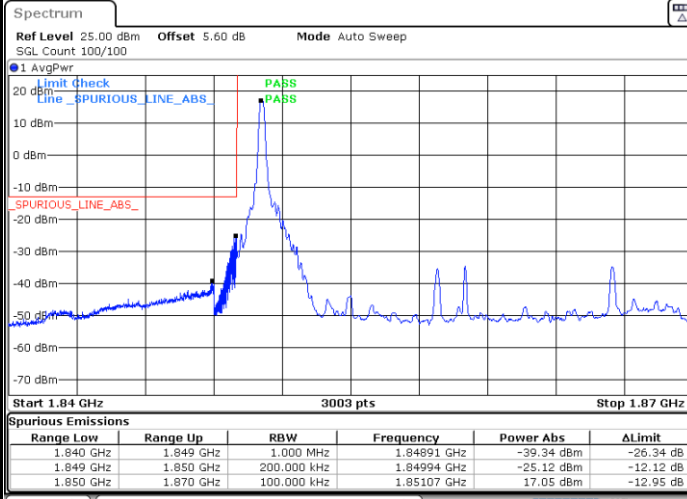
Date: 16.JUN.2024 02:12:33

Date: 16.JUN.2024 02:24:47



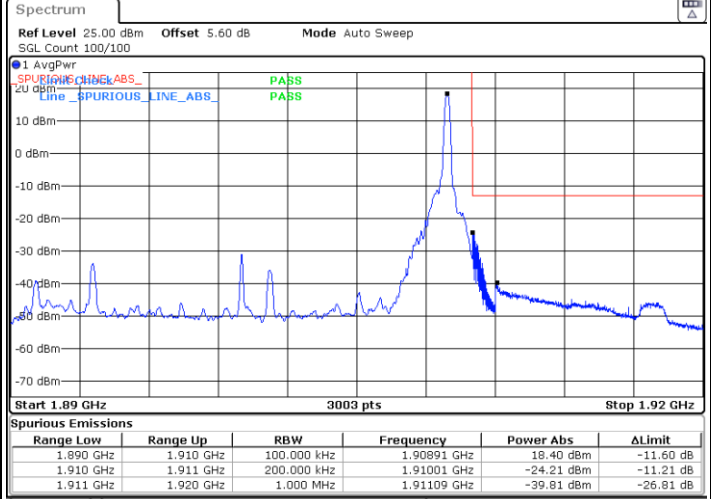
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



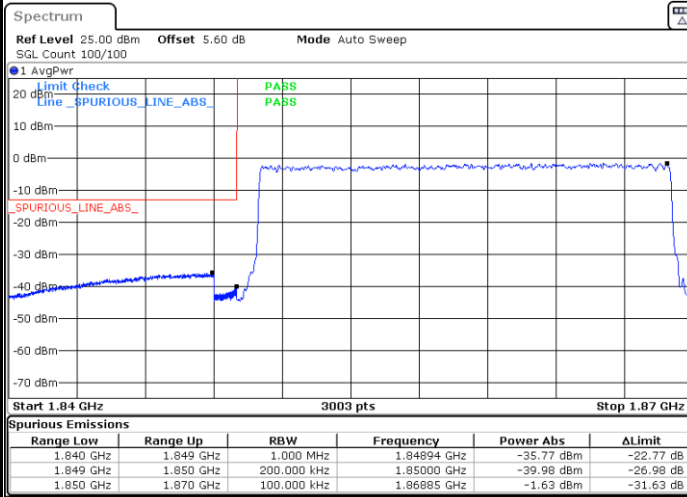
Date: 16.JUN.2024 02:11:24

Highest Band Edge / 1 RB



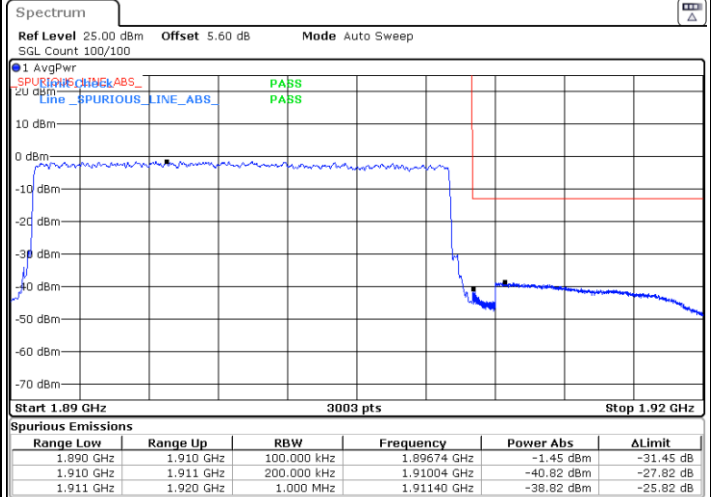
Date: 16.JUN.2024 02:23:46

Lowest Band Edge / Full RB



Date: 16.JUN.2024 02:12:20

Highest Band Edge / Full RB

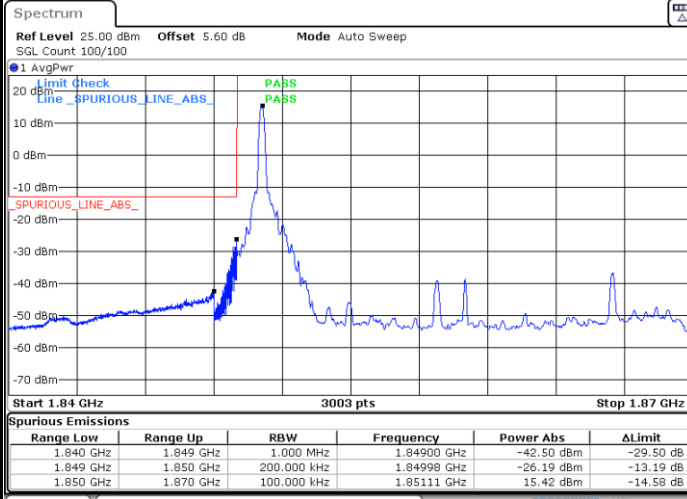


Date: 16.JUN.2024 02:24:33



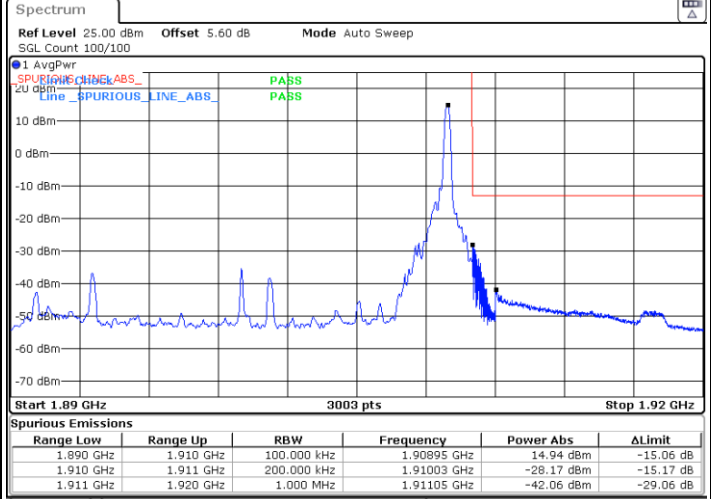
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



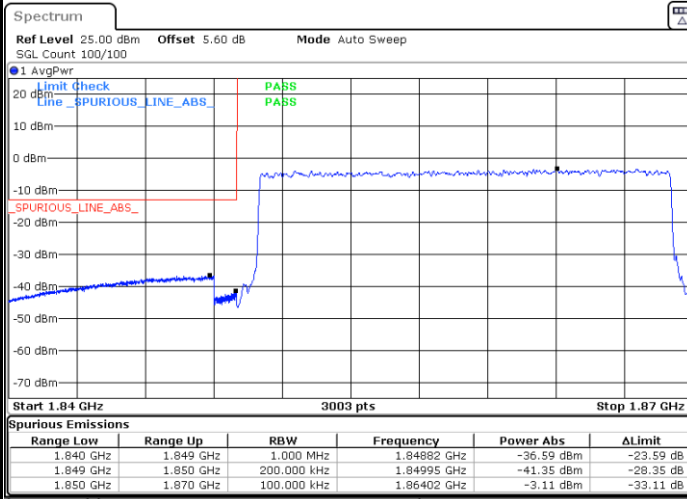
Date: 16.JUN.2024 02:11:54

Highest Band Edge / 1 RB



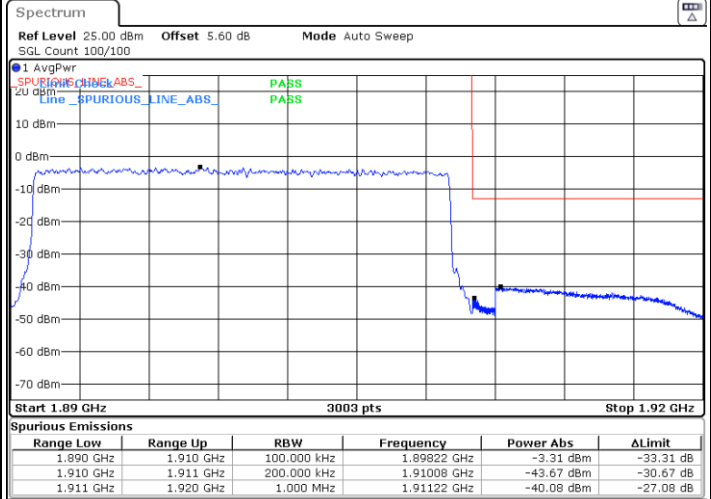
Date: 16.JUN.2024 02:23:57

Lowest Band Edge / Full RB



Date: 16.JUN.2024 02:12:08

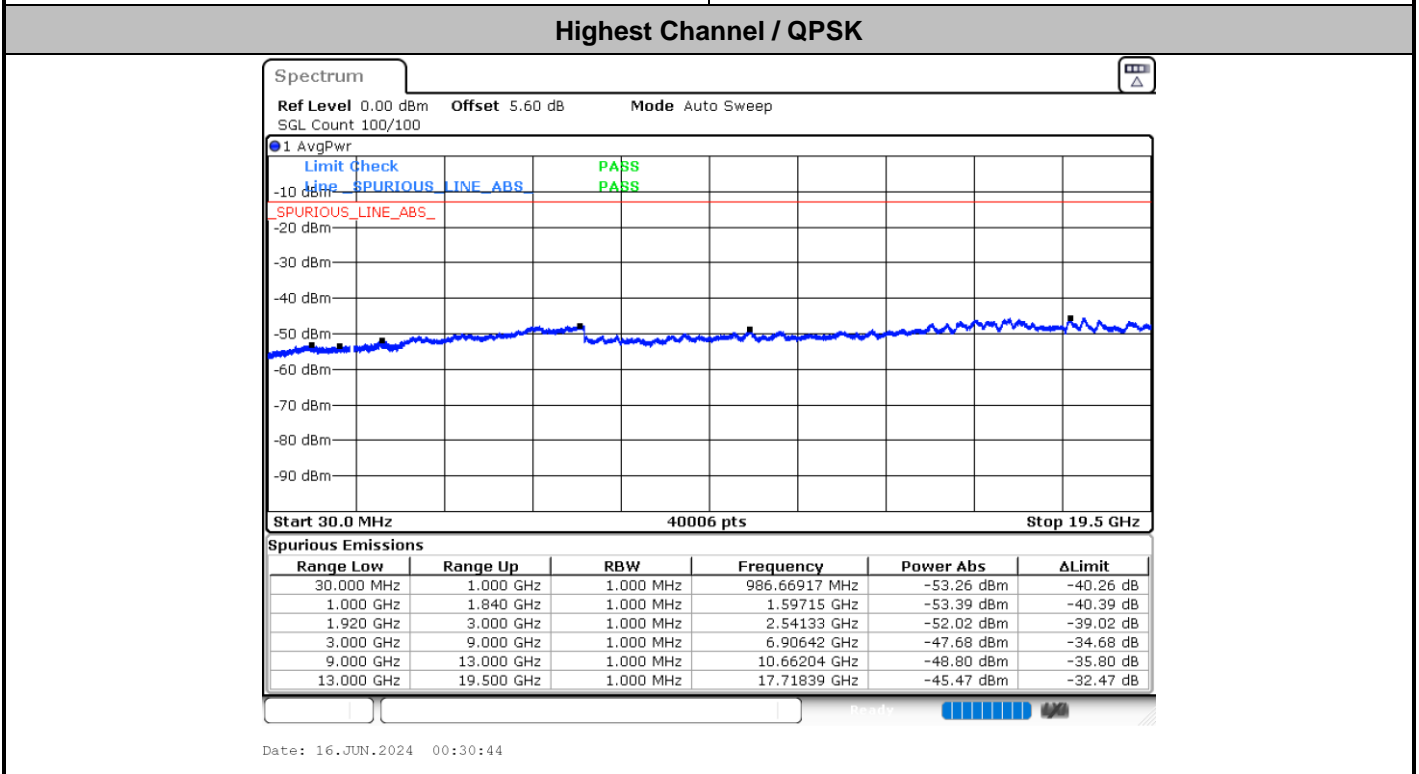
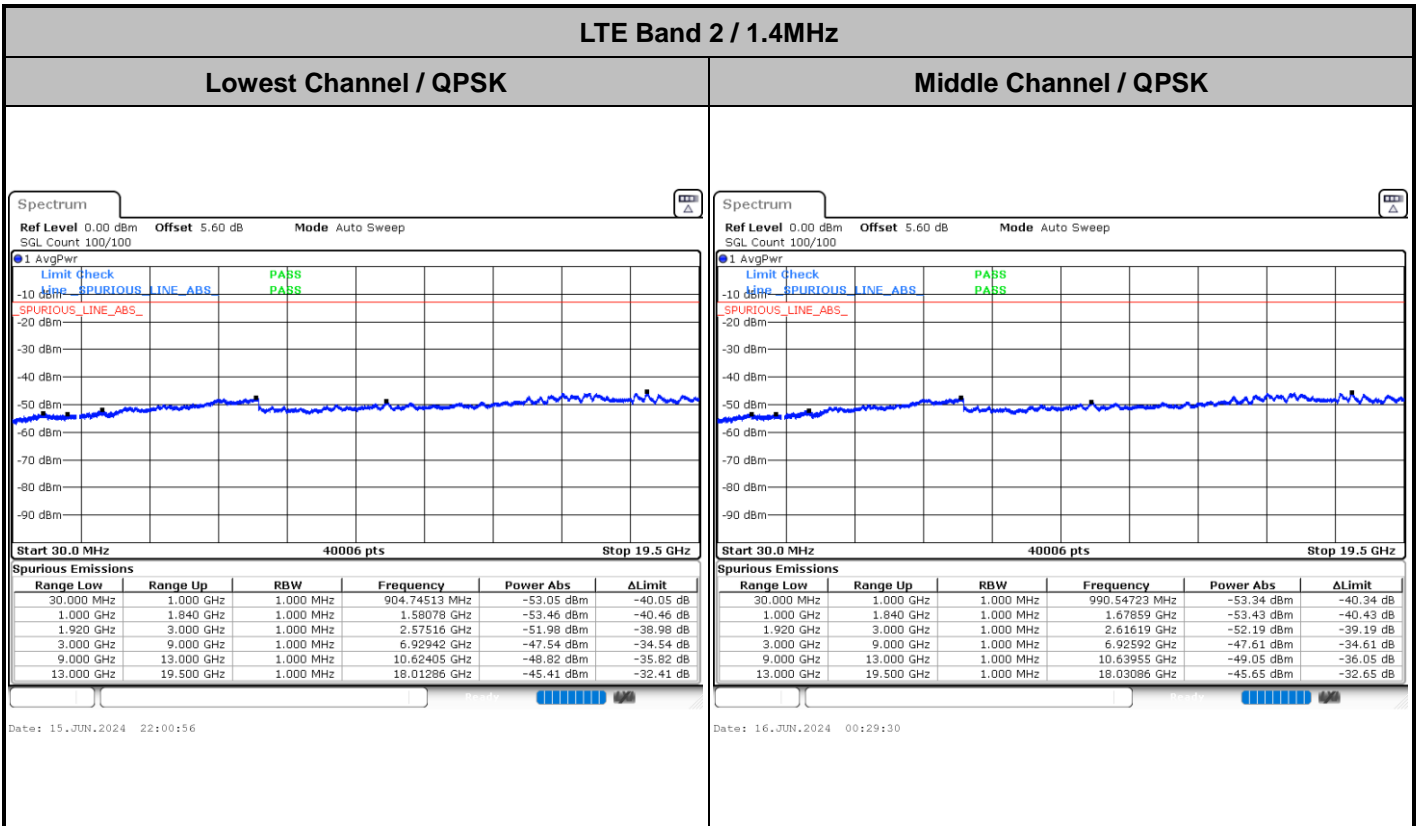
Highest Band Edge / Full RB



Date: 16.JUN.2024 02:24:19



Conducted Spurious Emission

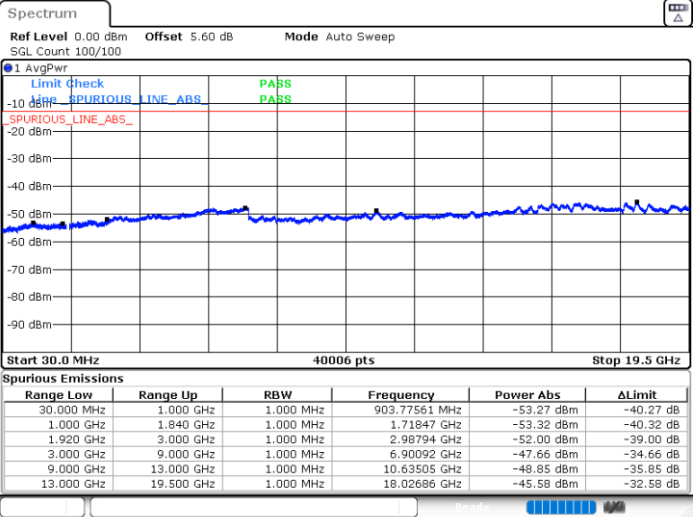
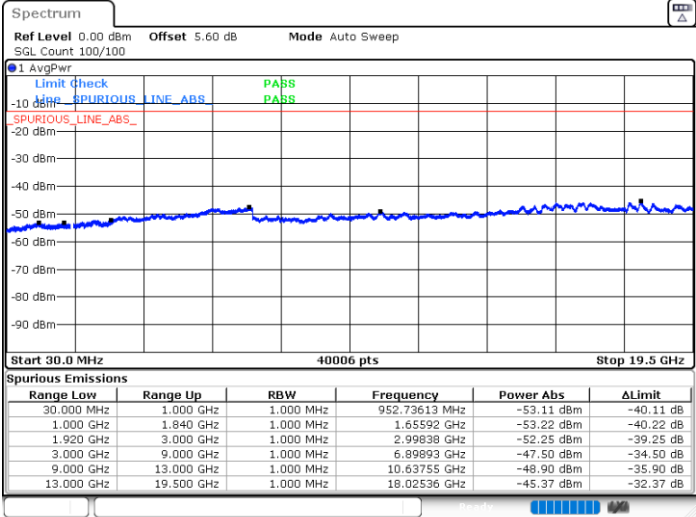




LTE Band 2 / 3MHz

Lowest Channel / QPSK

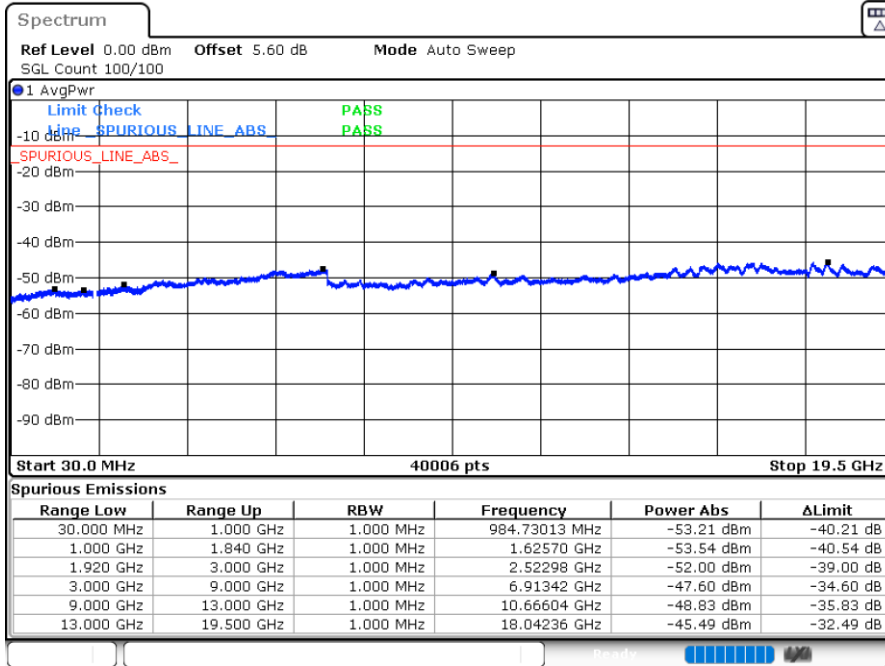
Middle Channel / QPSK



Date: 16.JUN.2024 00:34:19

Date: 16.JUN.2024 00:37:41

Highest Channel / QPSK



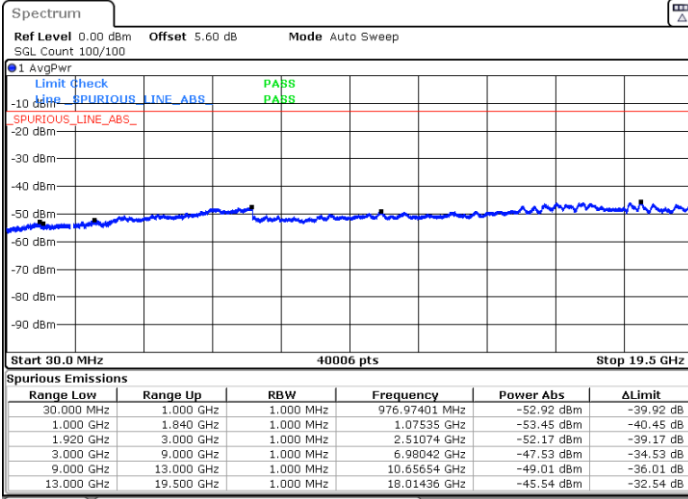
Date: 16.JUN.2024 00:38:49



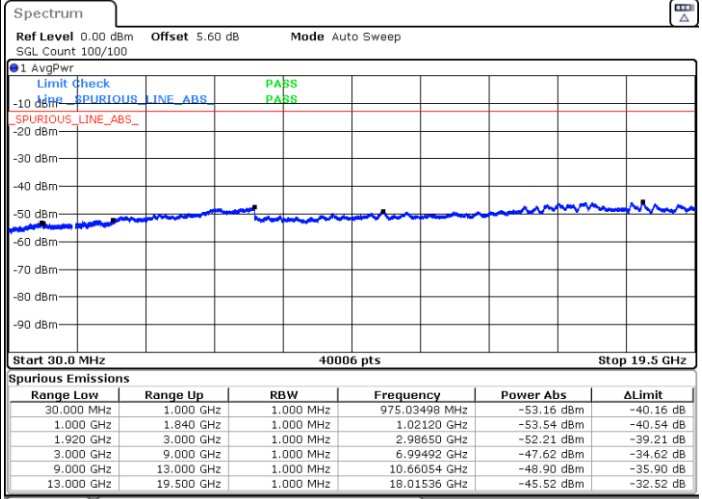
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

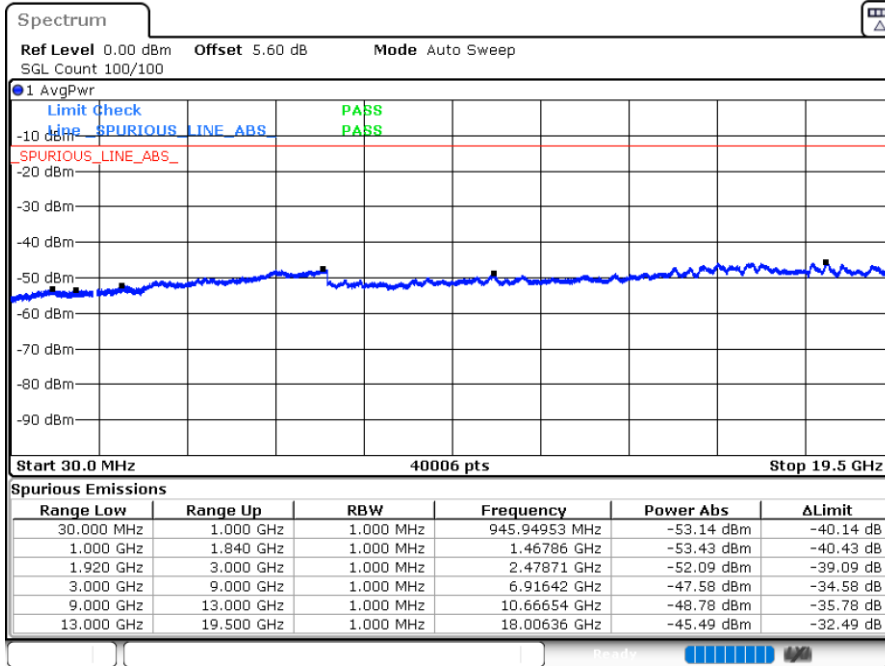


Date: 16.JUN.2024 00:41:58



Date: 16.JUN.2024 00:45:47

Highest Channel / QPSK



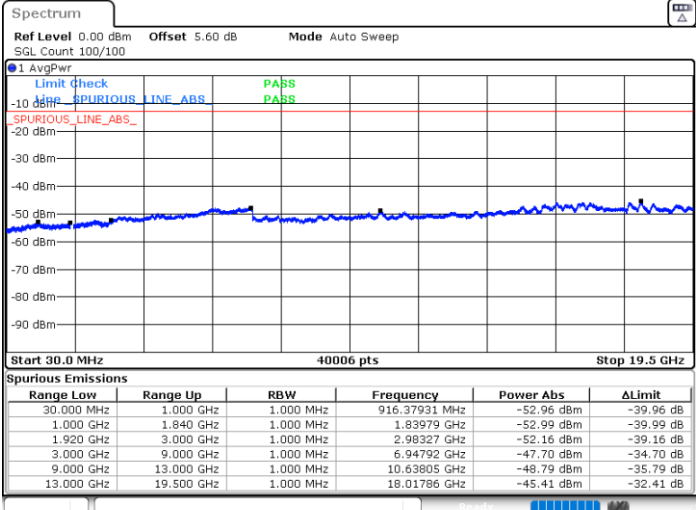
Date: 16.JUN.2024 00:46:57



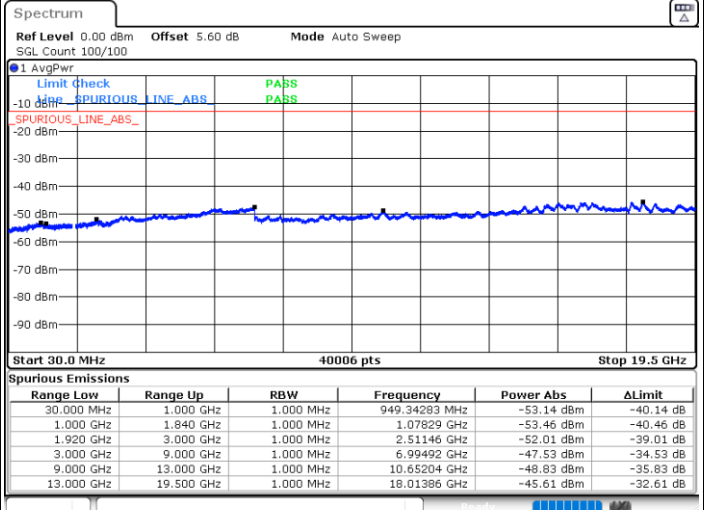
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

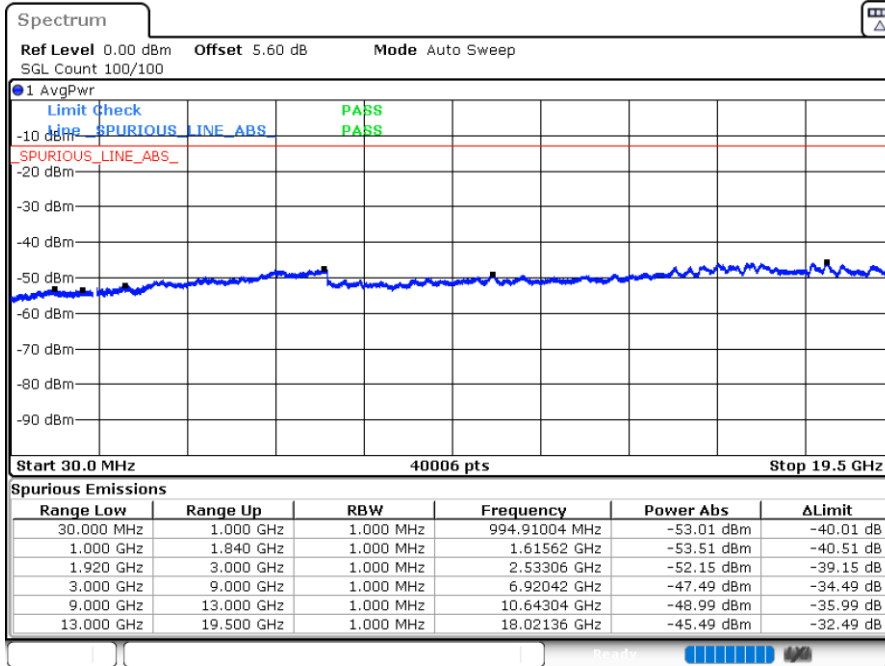


Date: 16.JUN.2024 00:51:44



Date: 16.JUN.2024 01:04:15

Highest Channel / QPSK



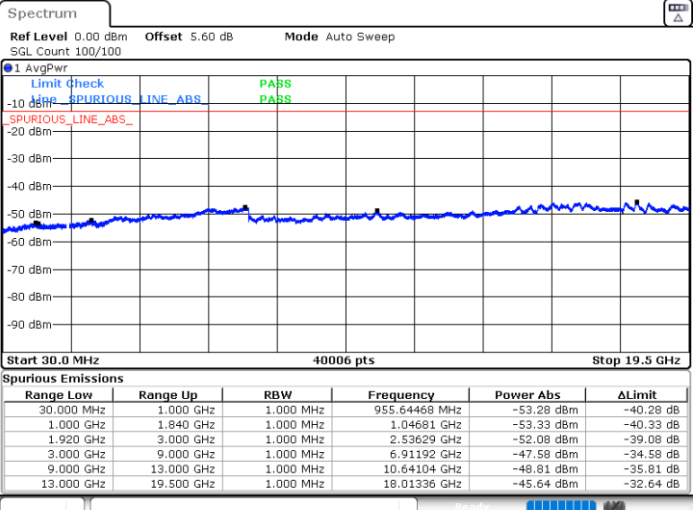
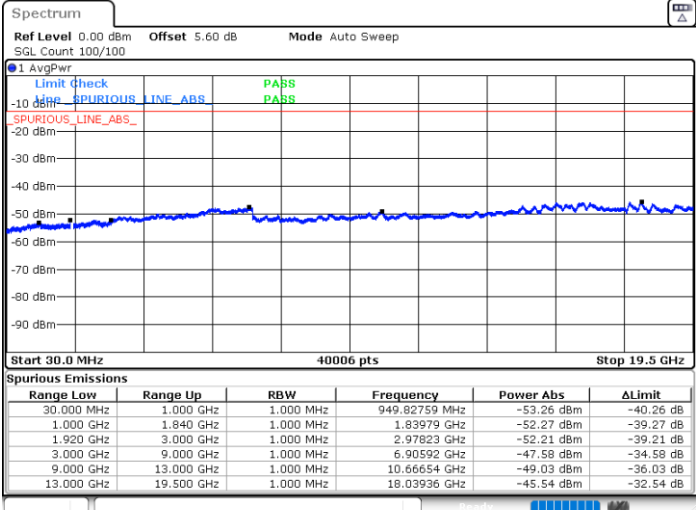
Date: 16.JUN.2024 01:05:49



LTE Band 2 / 15MHz

Lowest Channel / QPSK

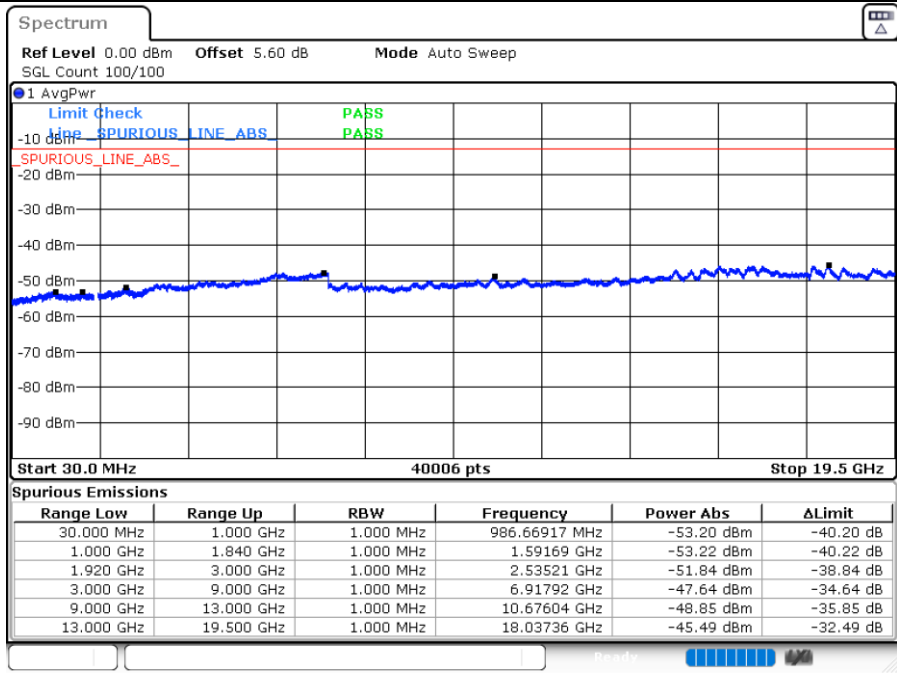
Middle Channel / QPSK



Date: 16.JUN.2024 01:33:46

Date: 16.JUN.2024 02:00:04

Highest Channel / QPSK



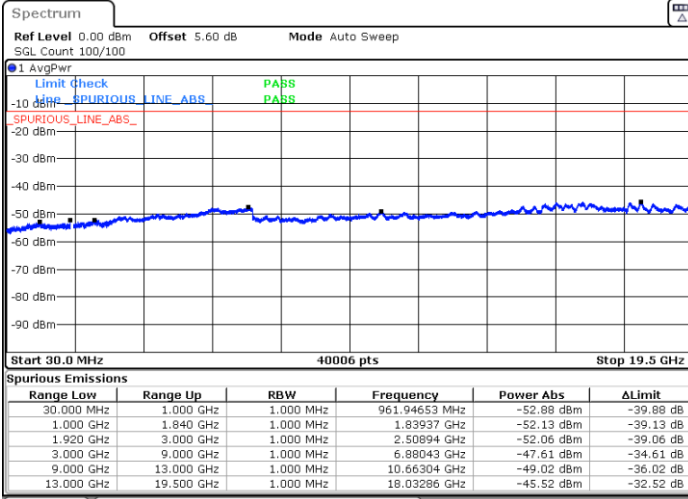
Date: 16.JUN.2024 02:02:44



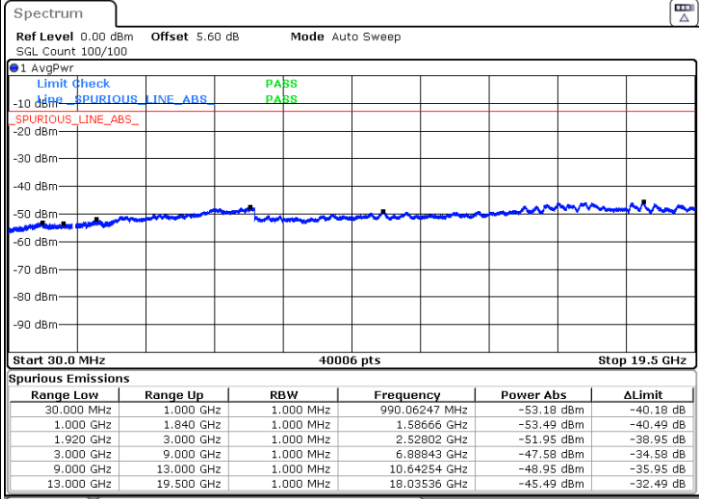
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

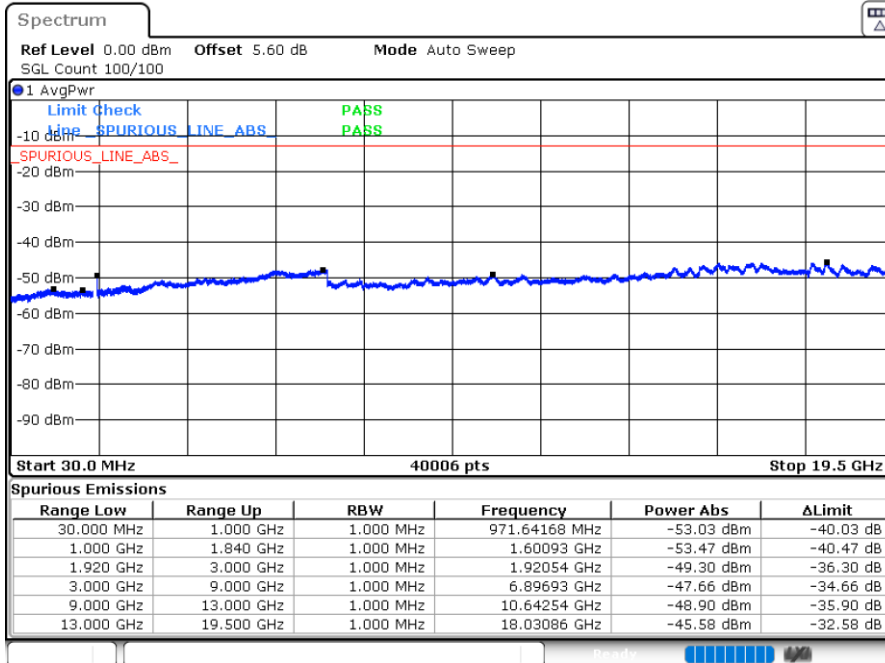


Date: 16.JUN.2024 02:10:52



Date: 16.JUN.2024 02:19:32

Highest Channel / QPSK



Date: 16.JUN.2024 02:23:07



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0077	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

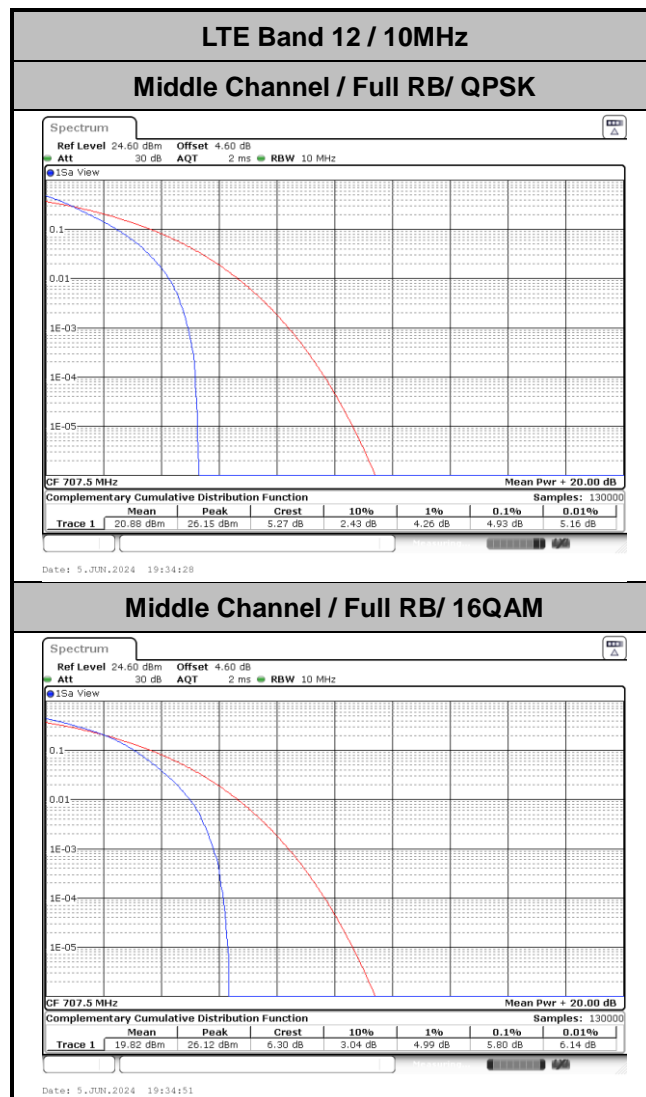
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

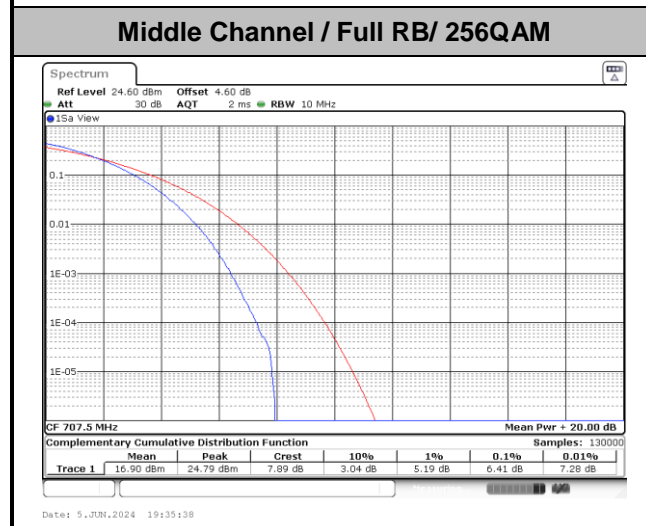
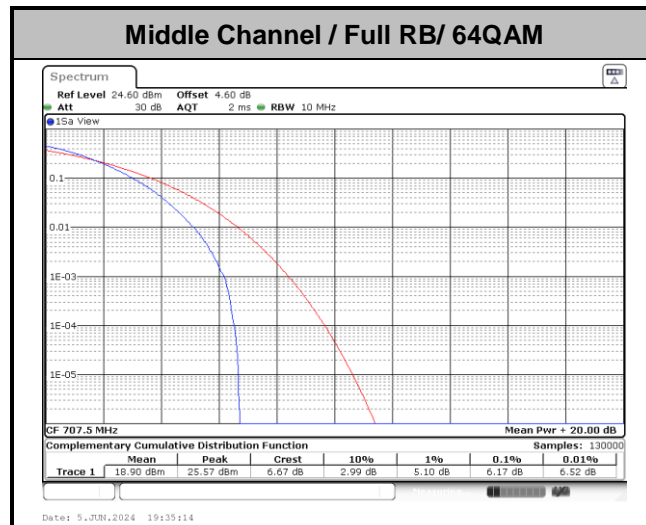


LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.80	6.17	6.41	PASS

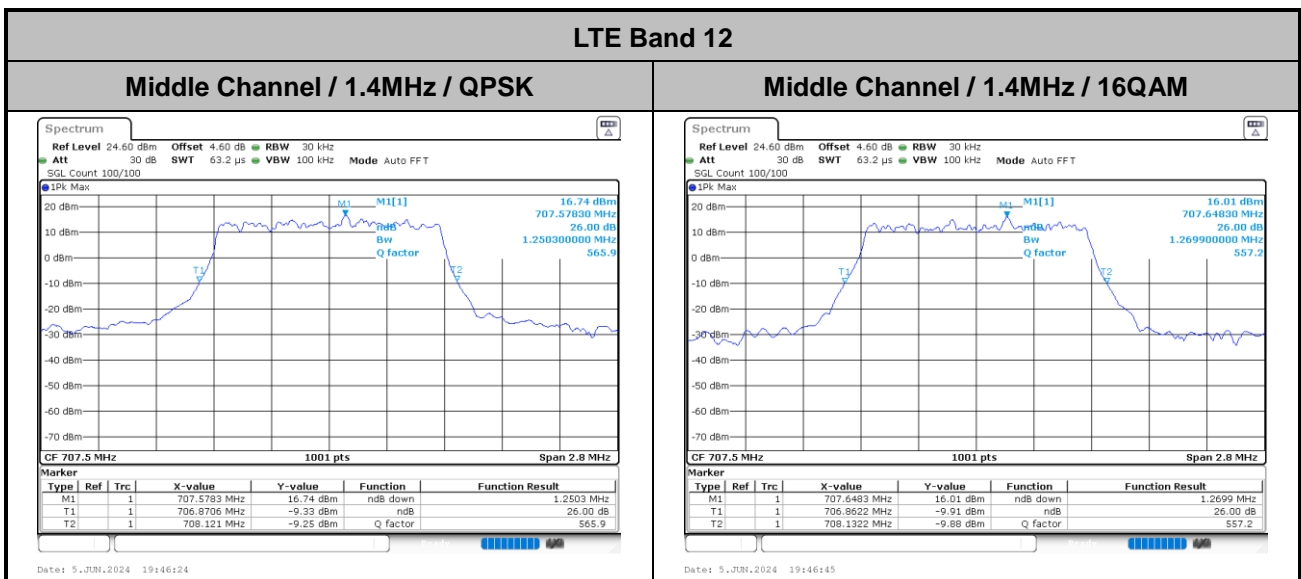






26dB Bandwidth

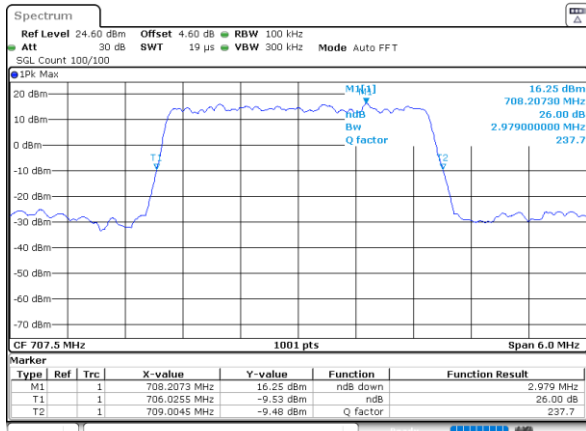
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.25	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.98	3.22
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.93	4.87
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.85	9.79





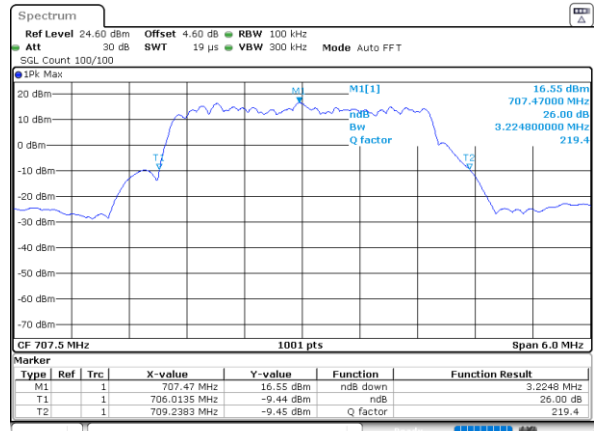
LTE Band 12

Middle Channel / 3MHz / QPSK



Date: 5 JUN 2024 19:44:58

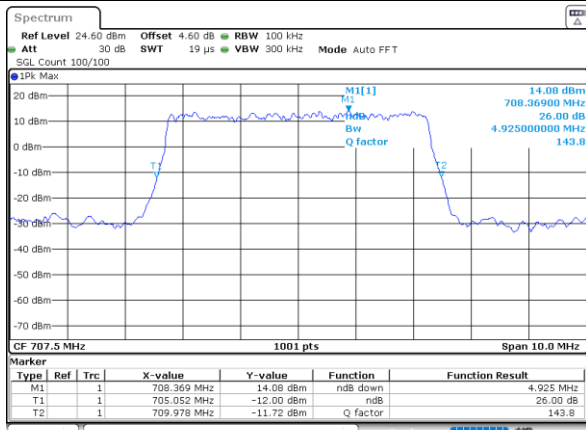
Middle Channel / 3MHz / 16QAM



Date: 5 JUN 2024 19:45:19

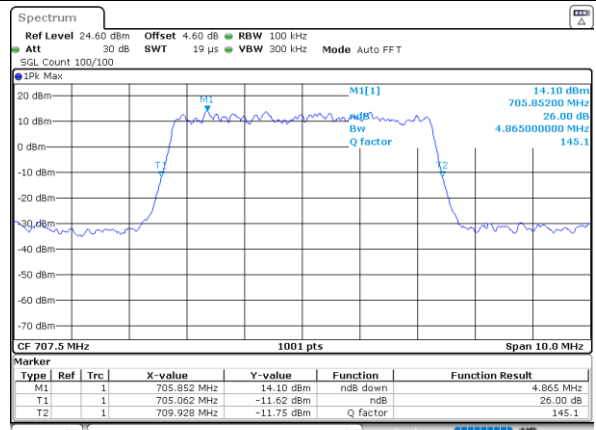
LTE Band 12

Middle Channel / 5MHz / QPSK



Date: 5 JUN 2024 19:43:32

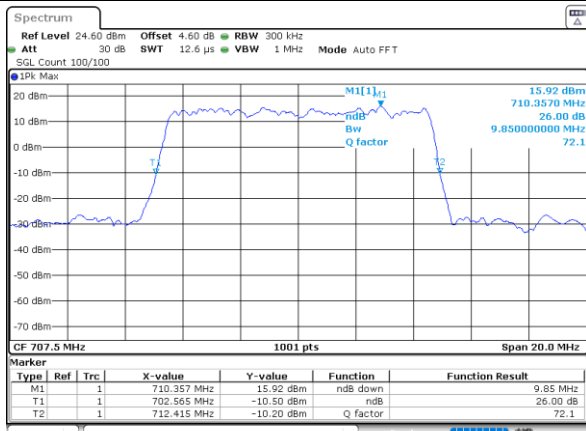
Middle Channel / 5MHz / 16QAM



Date: 5 JUN 2024 19:43:53

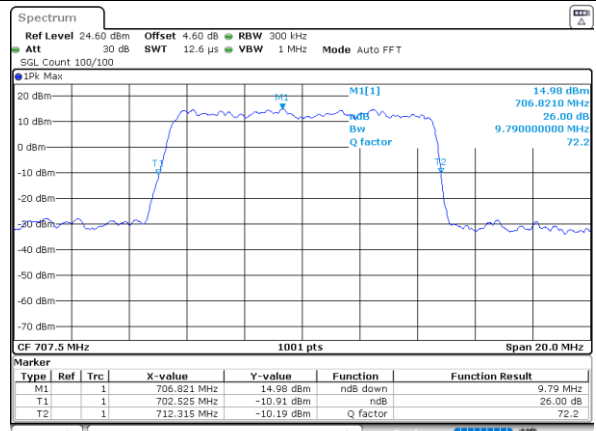
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 5 JUN 2024 19:42:27

Middle Channel / 10MHz / 16QAM

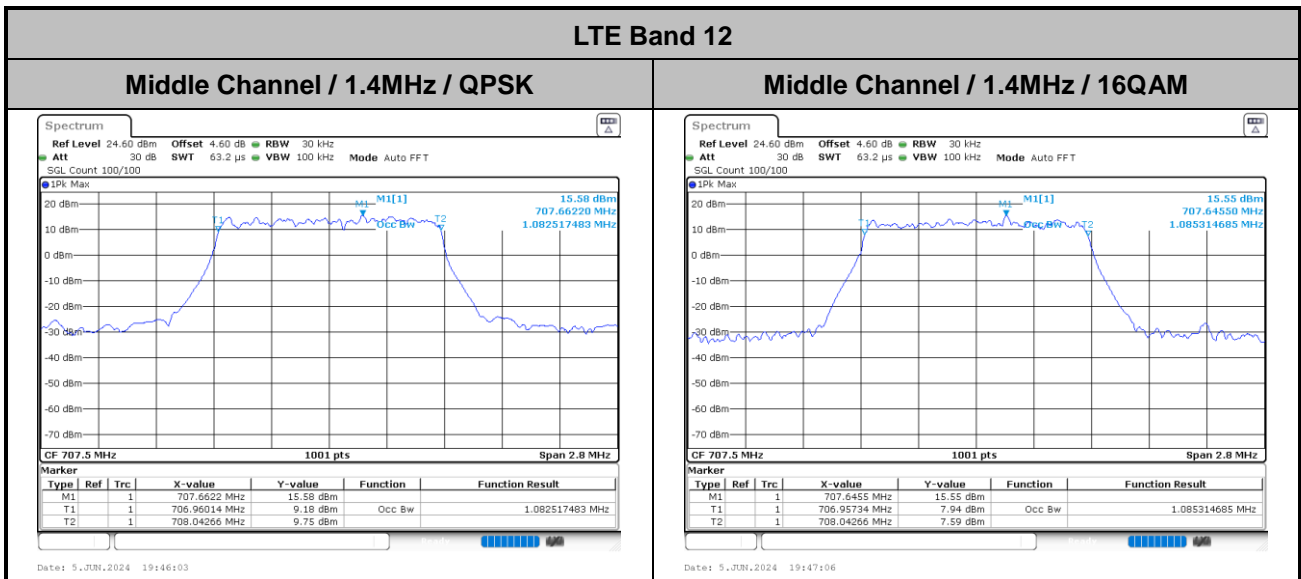


Date: 5 JUN 2024 19:42:48



Occupied Bandwidth

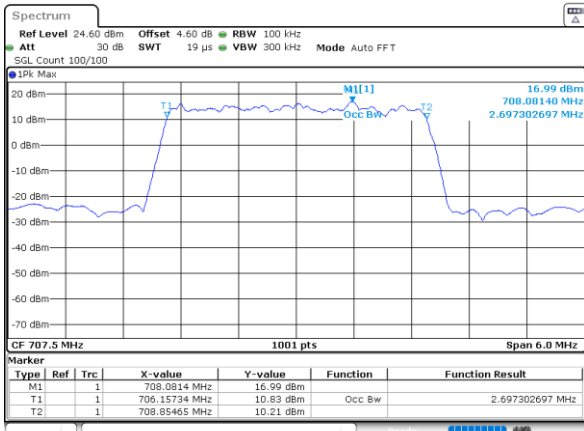
Mode	LTE Band 12 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.08	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.70	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.47	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	9.01





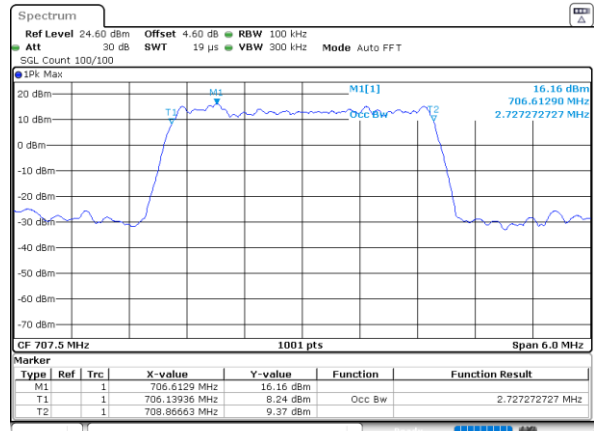
LTE Band 12

Middle Channel / 3MHz / QPSK



Date: 5 JUN 2024 19:44:37

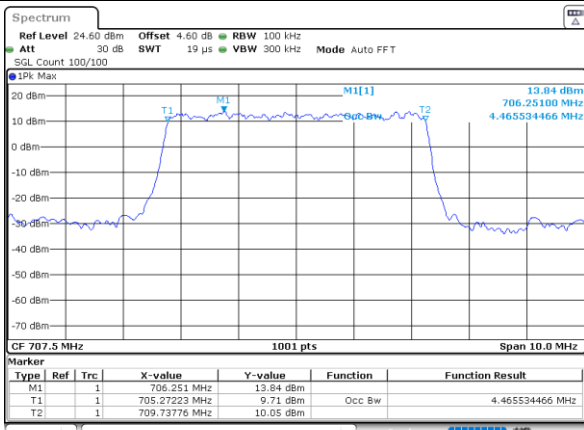
Middle Channel / 3MHz / 16QAM



Date: 5 JUN 2024 19:45:40

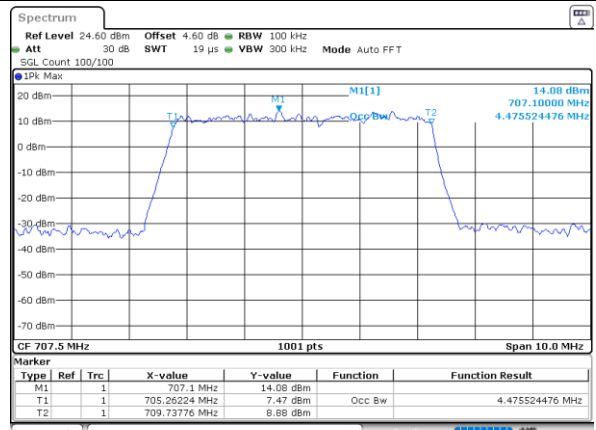
LTE Band 12

Middle Channel / 5MHz / QPSK



Date: 5 JUN 2024 19:43:11

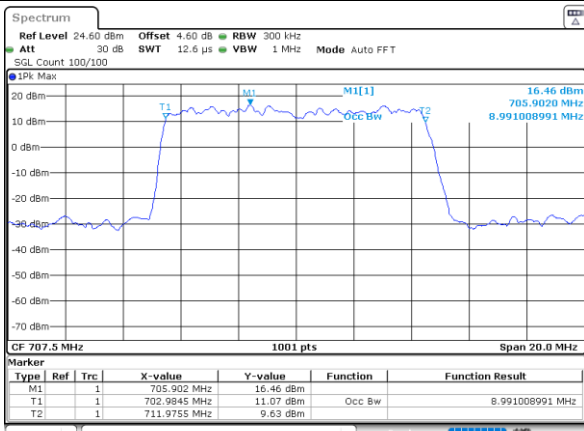
Middle Channel / 5MHz / 16QAM



Date: 5 JUN 2024 19:44:14

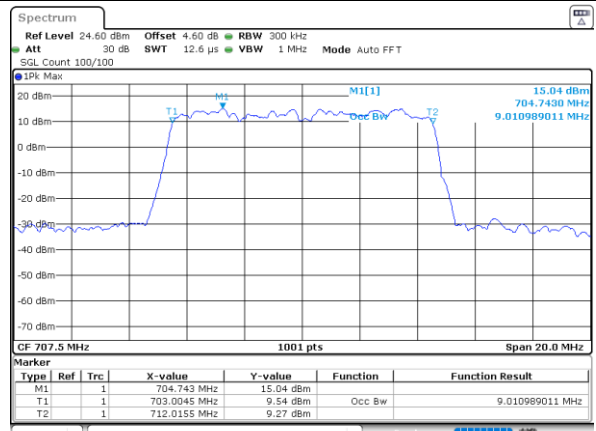
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 5 JUN 2024 19:41:45

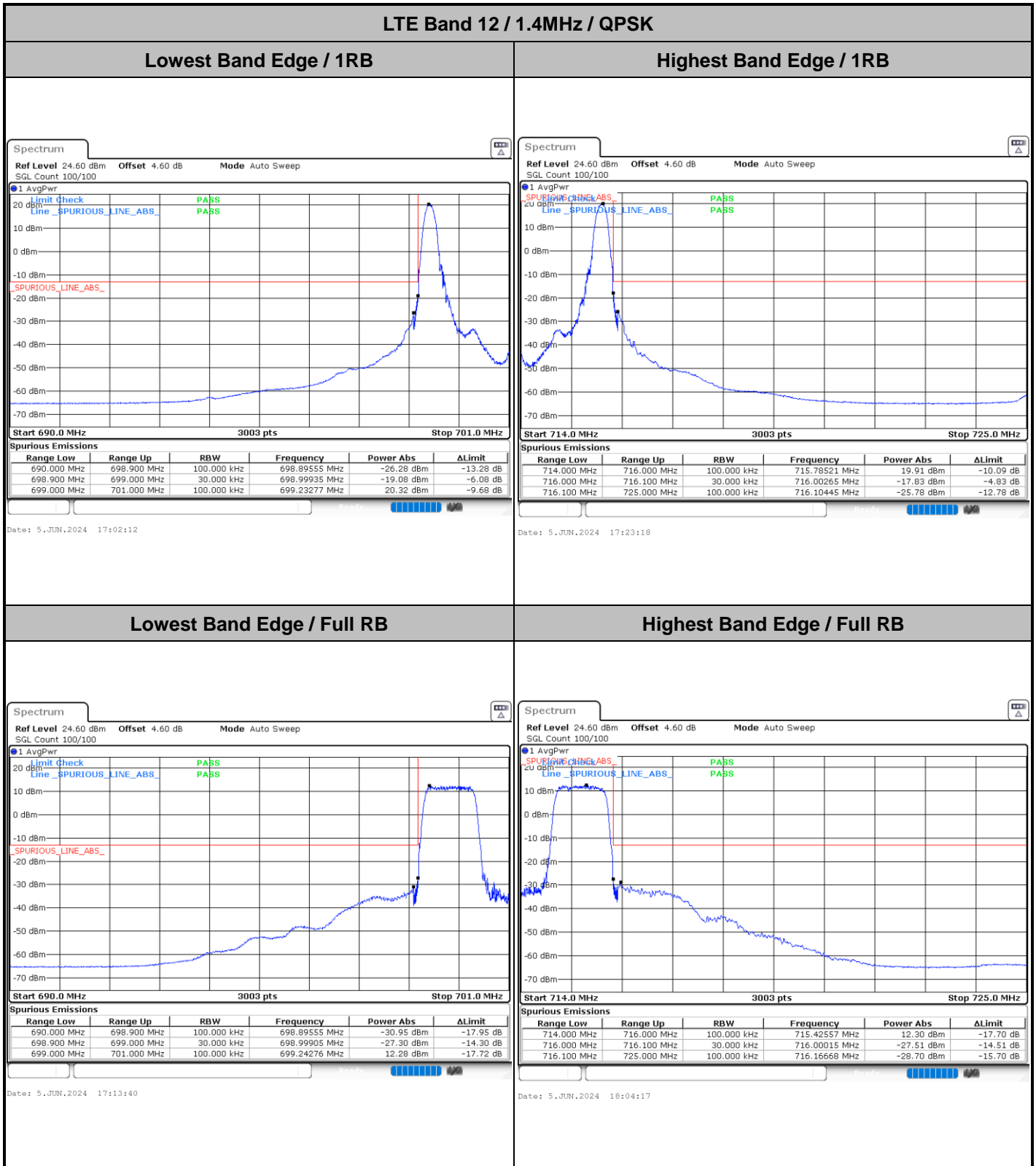
Middle Channel / 10MHz / 16QAM



Date: 5 JUN 2024 19:42:06



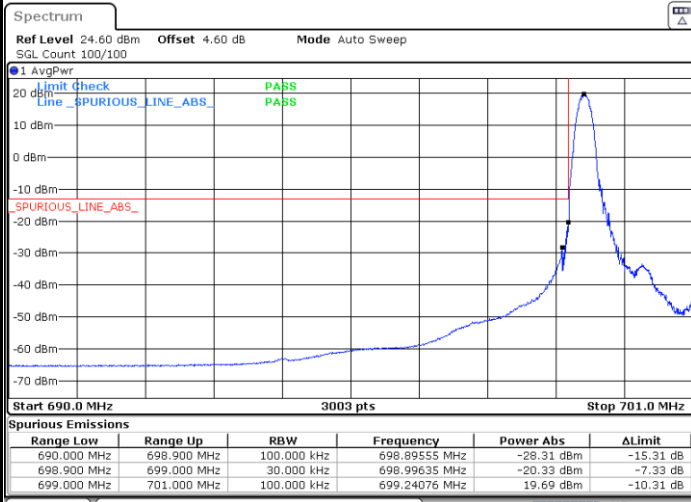
Conducted Band Edge





LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



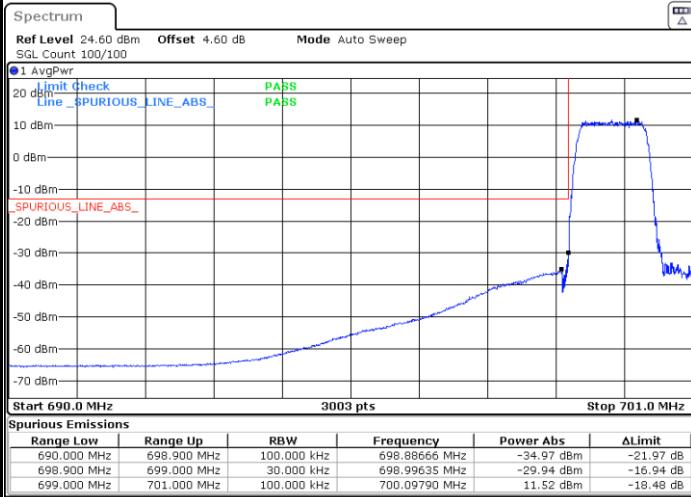
Date: 5 JUN, 2024 17:03:53

Highest Band Edge / 1 RB



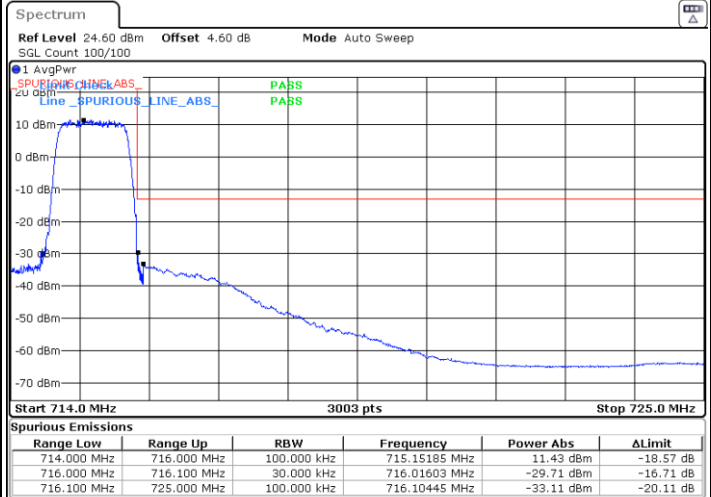
Date: 5 JUN, 2024 17:24:31

Lowest Band Edge / Full RB



Date: 5 JUN, 2024 17:12:30

Highest Band Edge / Full RB



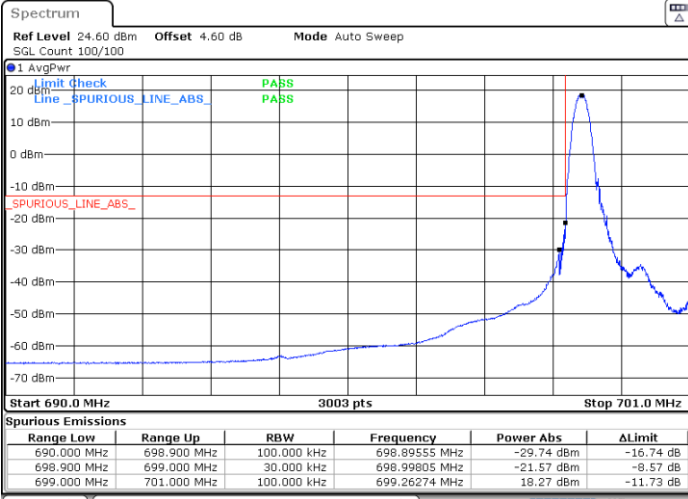
Date: 5 JUN, 2024 18:03:07



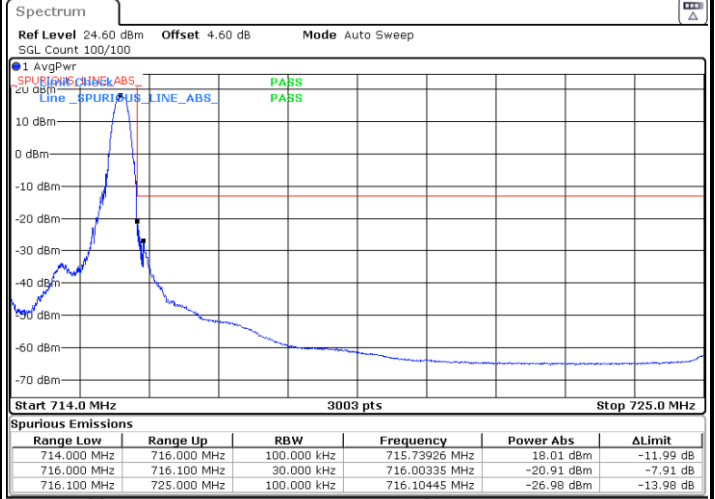
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



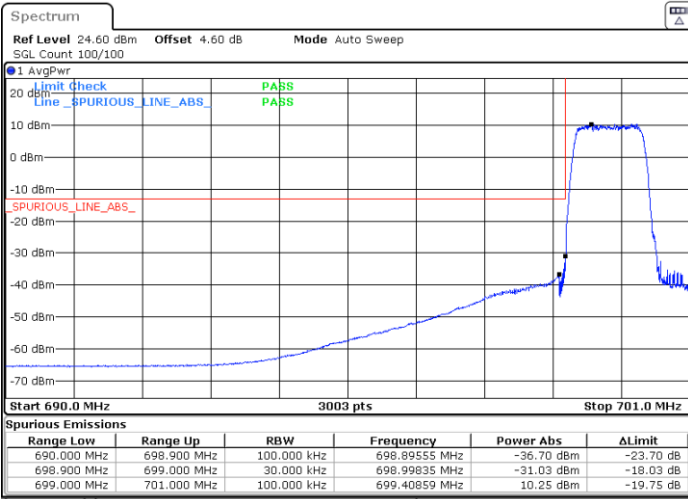
Date: 5 JUN, 2024 17:05:13



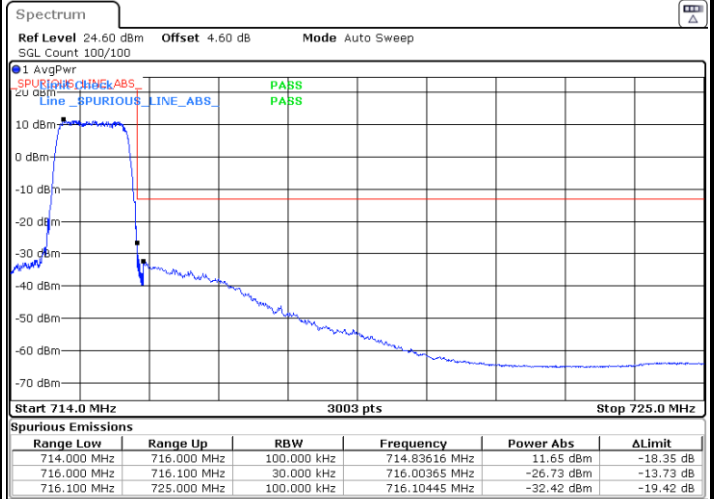
Date: 5 JUN, 2024 17:25:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN, 2024 17:11:19



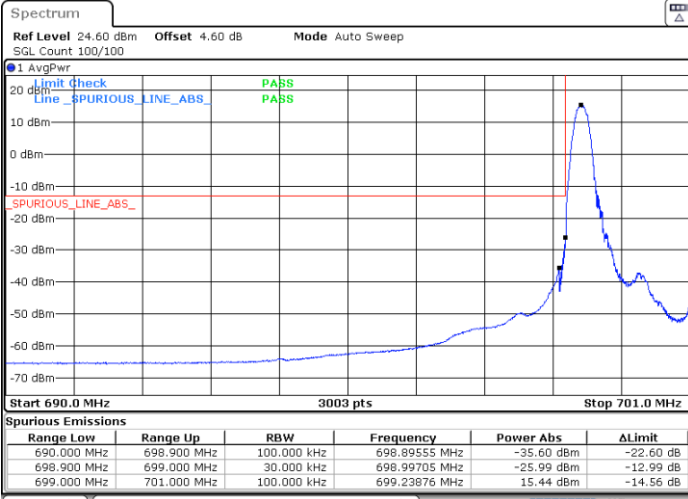
Date: 5 JUN, 2024 18:01:57



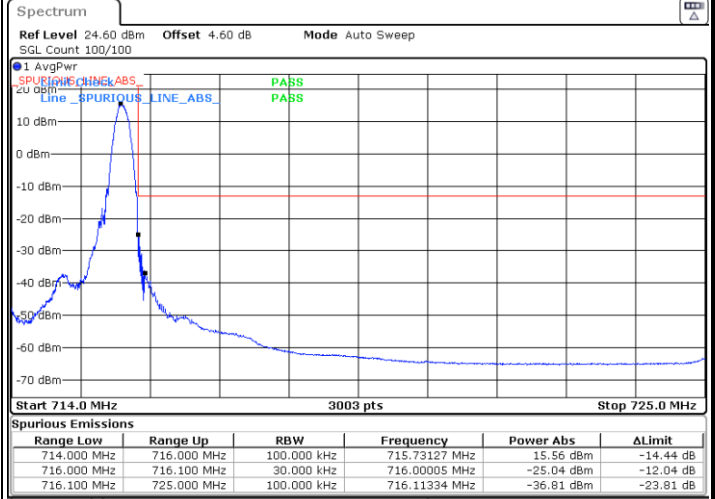
LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



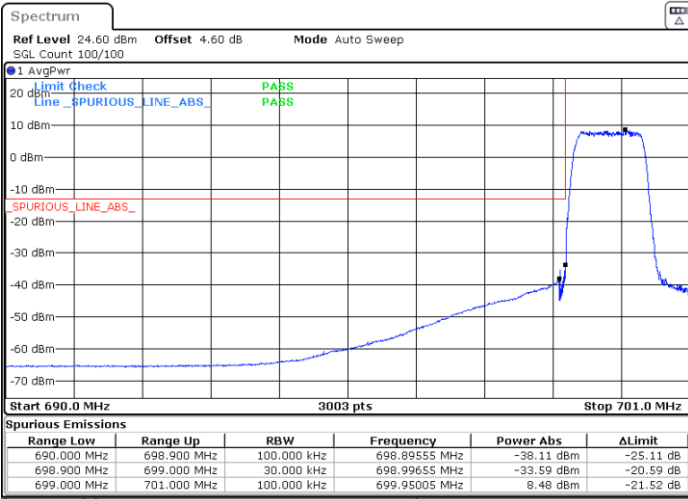
Date: 5 JUN, 2024 17:06:34



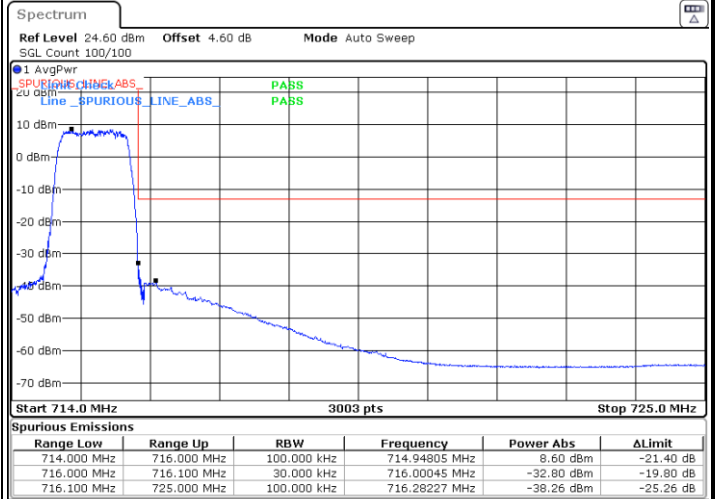
Date: 5 JUN, 2024 17:26:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN, 2024 17:10:09

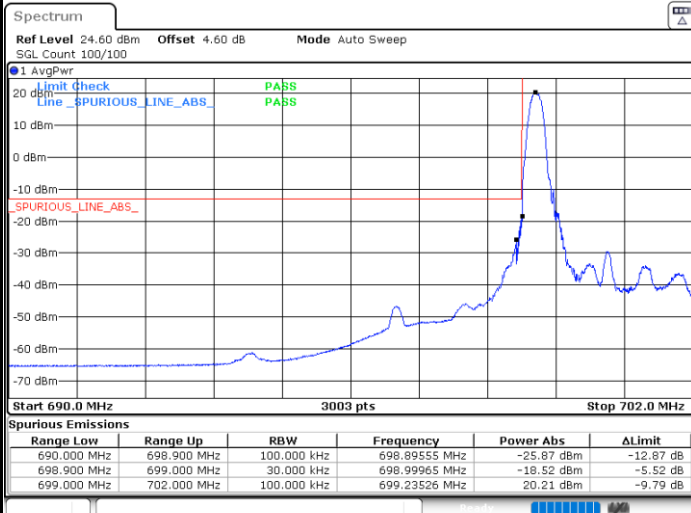


Date: 5 JUN, 2024 17:58:27



LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



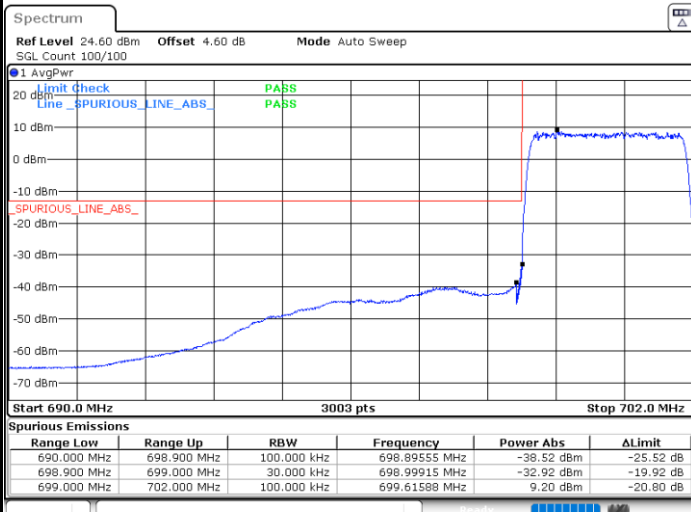
Date: 5 JUN, 2024 18:07:30

Highest Band Edge / 1 RB



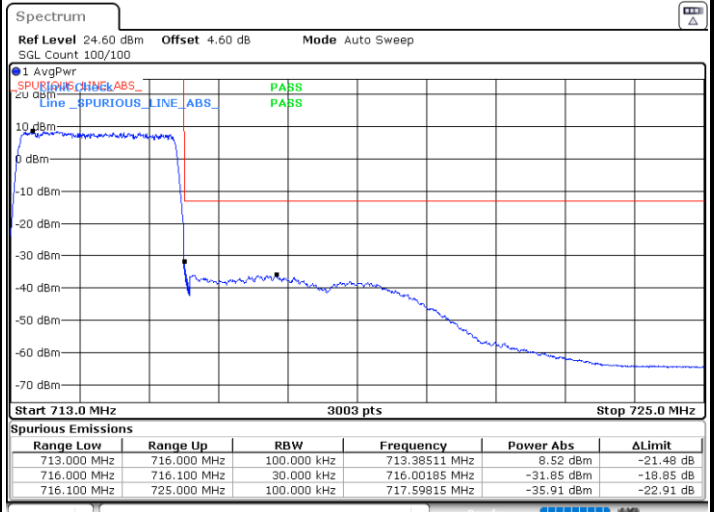
Date: 5 JUN, 2024 18:26:01

Lowest Band Edge / Full RB



Date: 5 JUN, 2024 18:20:58

Highest Band Edge / Full RB



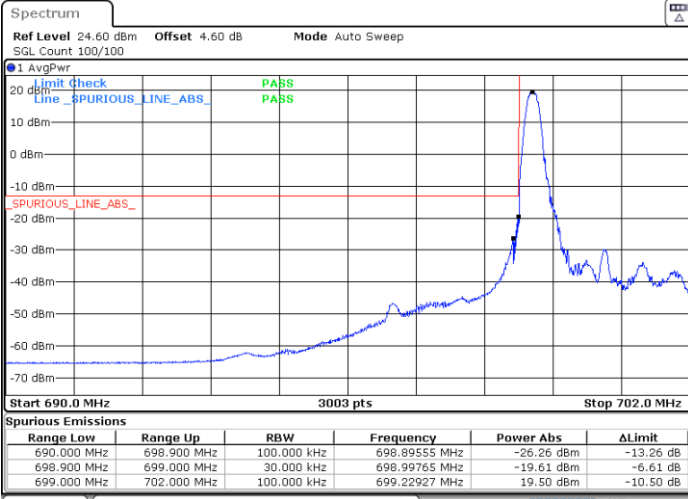
Date: 5 JUN, 2024 18:34:51



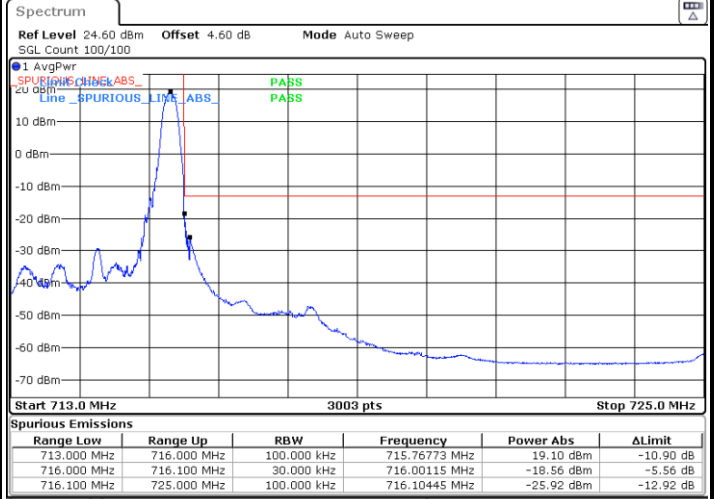
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



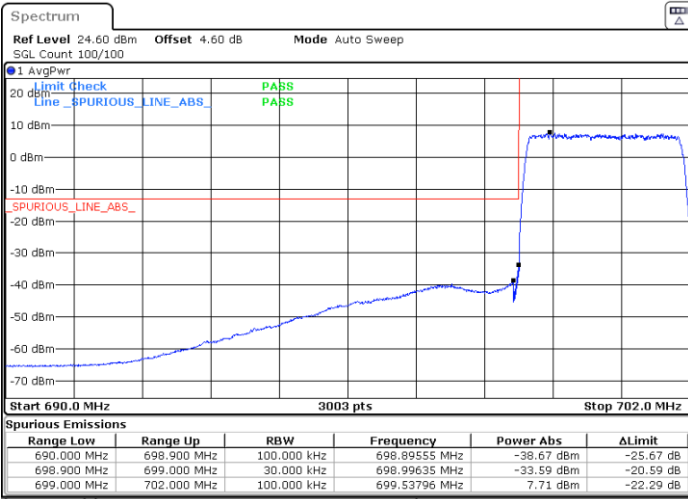
Date: 5 JUN, 2024 18:08:40



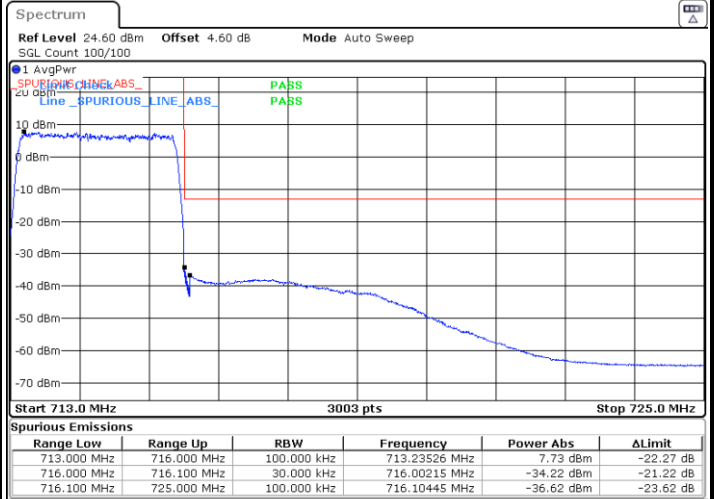
Date: 5 JUN, 2024 18:27:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 JUN, 2024 18:19:57

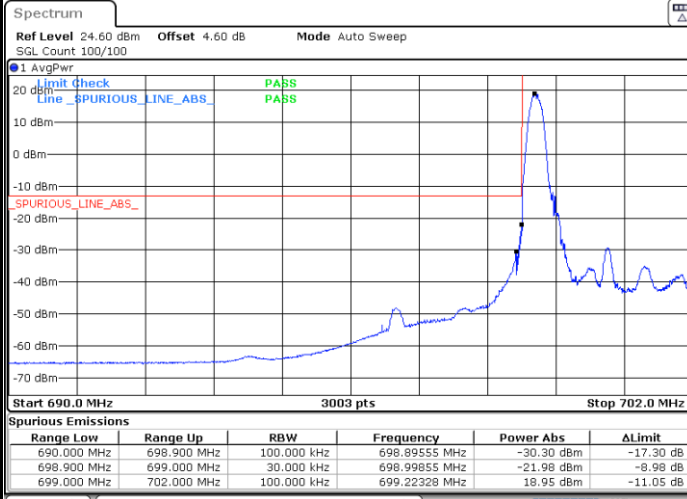


Date: 5 JUN, 2024 18:33:51



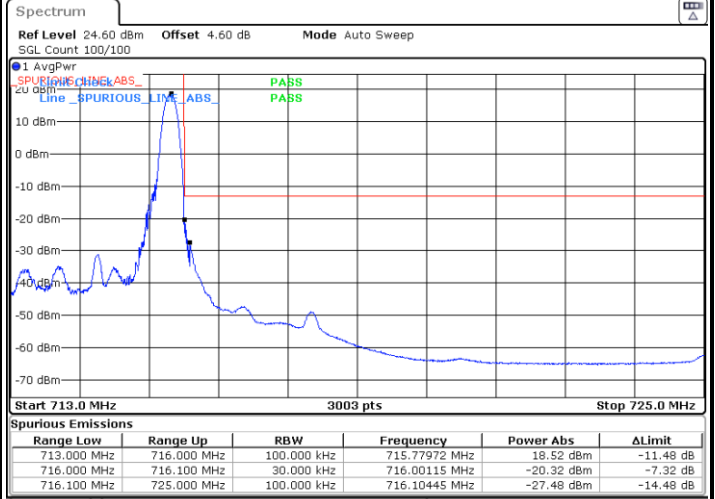
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



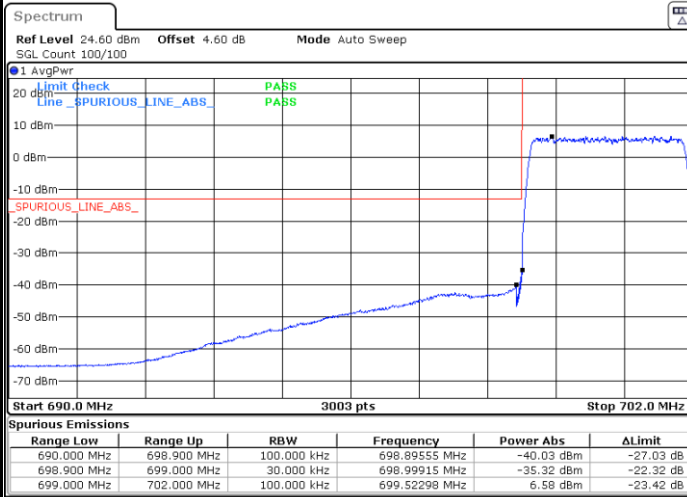
Date: 5 JUN.2024 18:09:51

Highest Band Edge / 1 RB



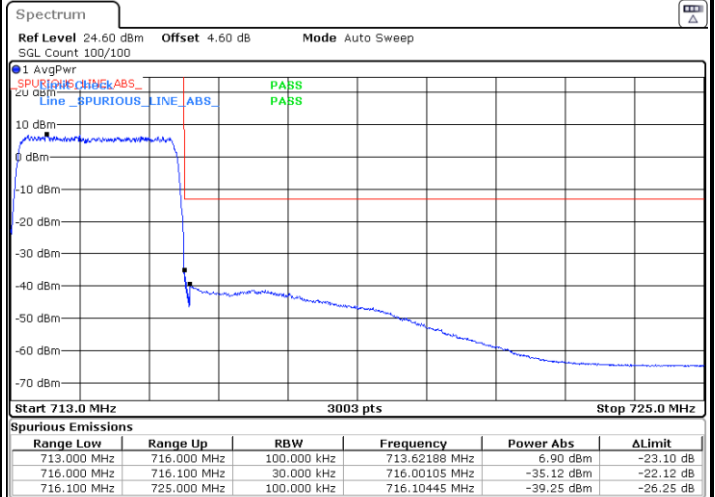
Date: 5 JUN.2024 18:28:06

Lowest Band Edge / Full RB



Date: 5 JUN.2024 18:18:57

Highest Band Edge / Full RB

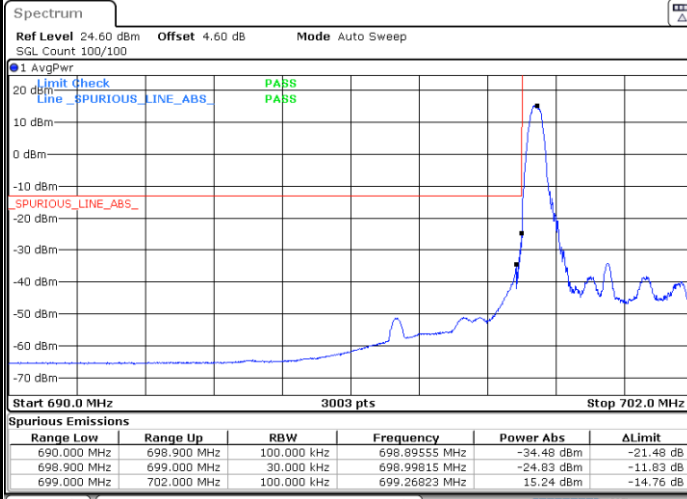


Date: 5 JUN.2024 18:32:50



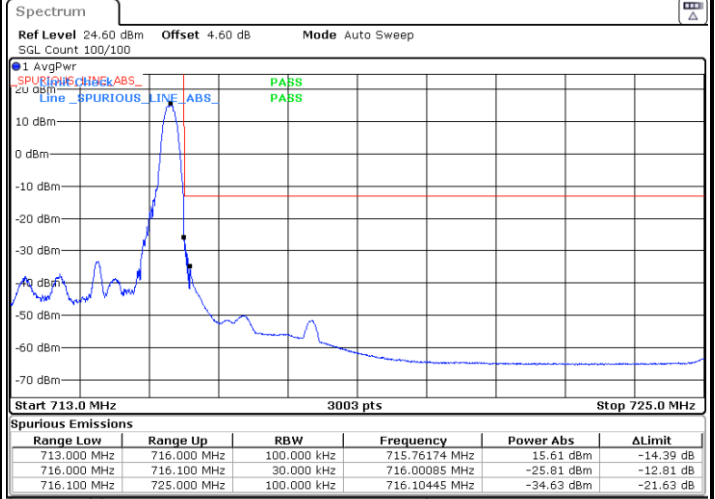
LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



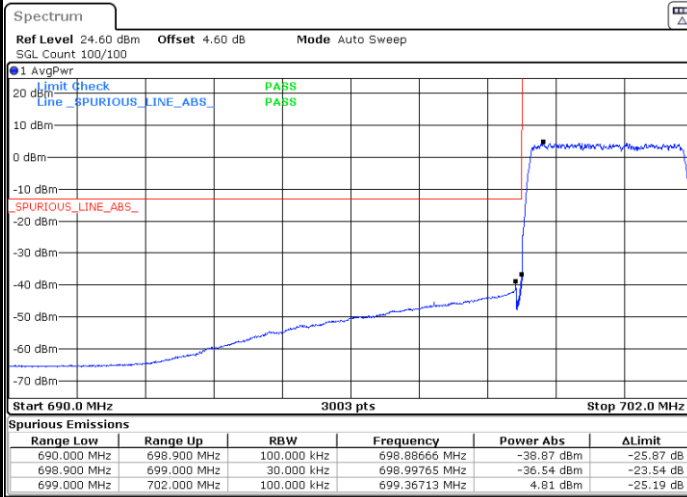
Date: 5 JUN.2024 18:11:02

Highest Band Edge / 1 RB



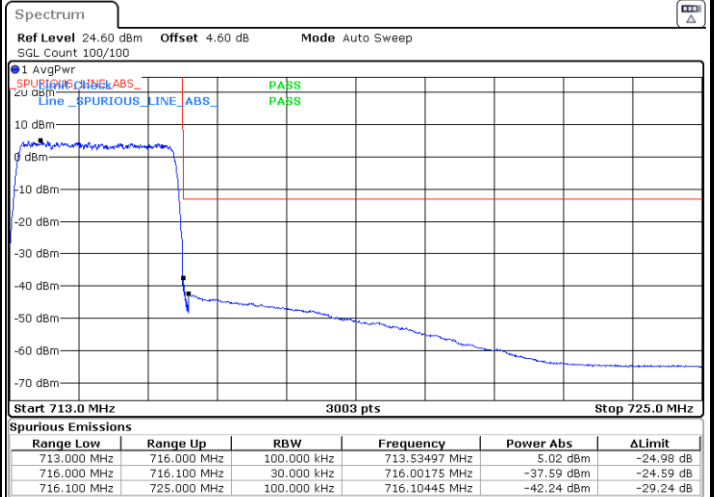
Date: 5 JUN.2024 18:29:06

Lowest Band Edge / Full RB



Date: 5 JUN.2024 18:17:57

Highest Band Edge / Full RB

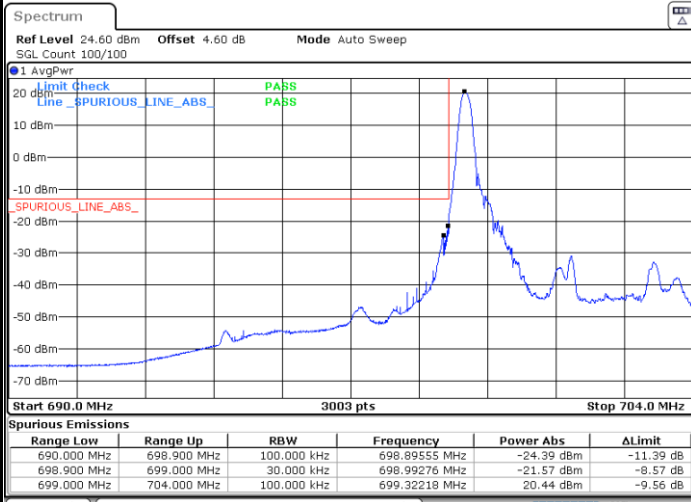


Date: 5 JUN.2024 18:31:49



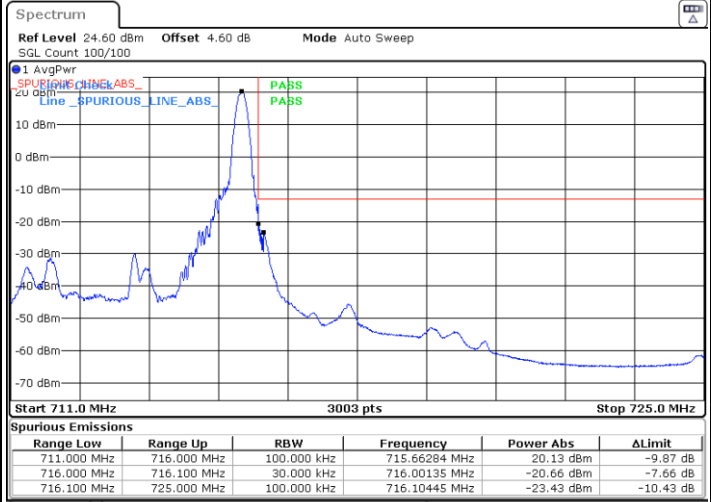
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



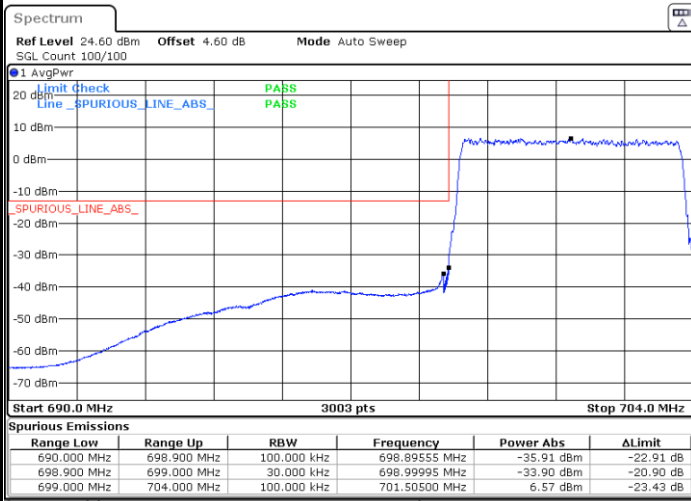
Date: 5 JUN, 2024 18:37:56

Highest Band Edge / 1 RB



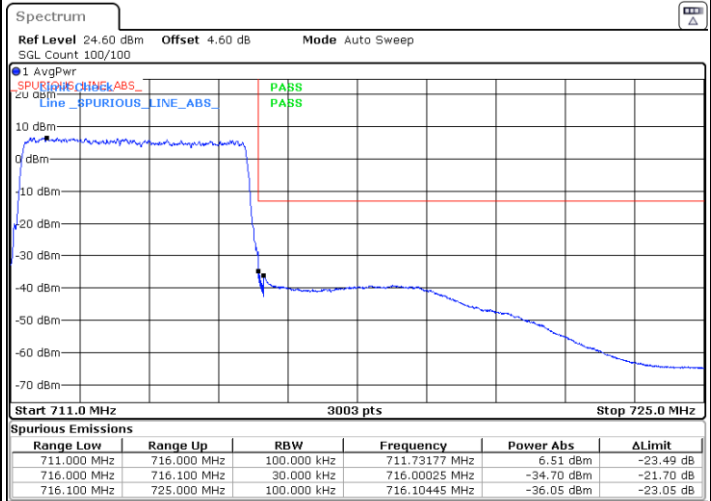
Date: 5 JUN, 2024 18:54:20

Lowest Band Edge / Full RB



Date: 5 JUN, 2024 18:46:45

Highest Band Edge / Full RB

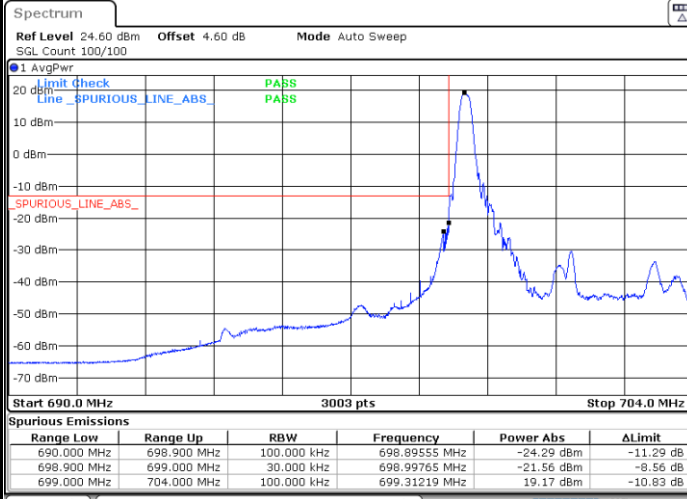


Date: 5 JUN, 2024 19:03:00



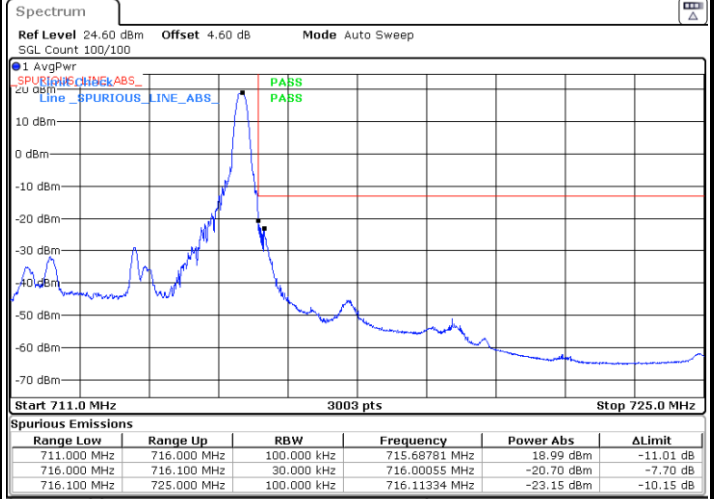
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



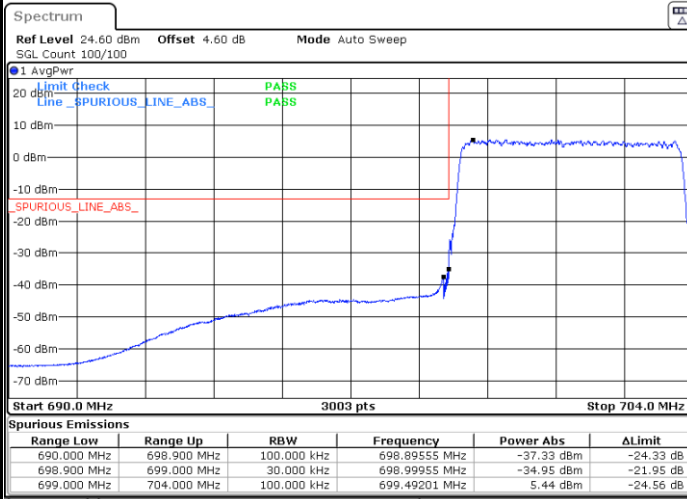
Date: 5 JUN, 2024 18:39:00

Highest Band Edge / 1 RB



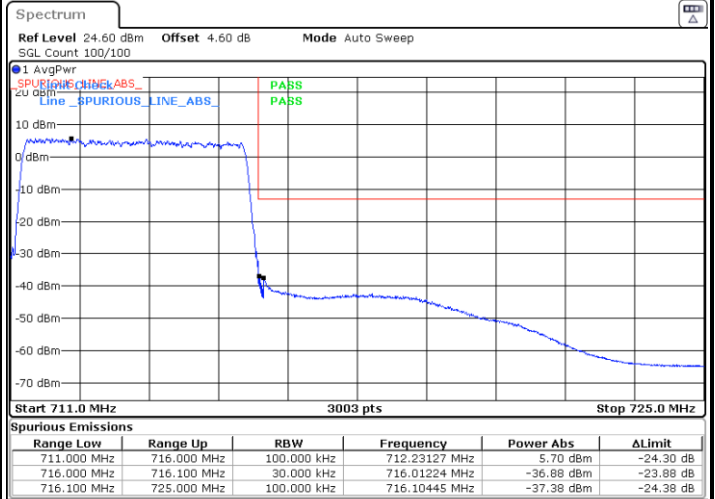
Date: 5 JUN, 2024 18:55:20

Lowest Band Edge / Full RB



Date: 5 JUN, 2024 18:45:44

Highest Band Edge / Full RB



Date: 5 JUN, 2024 19:01:59