

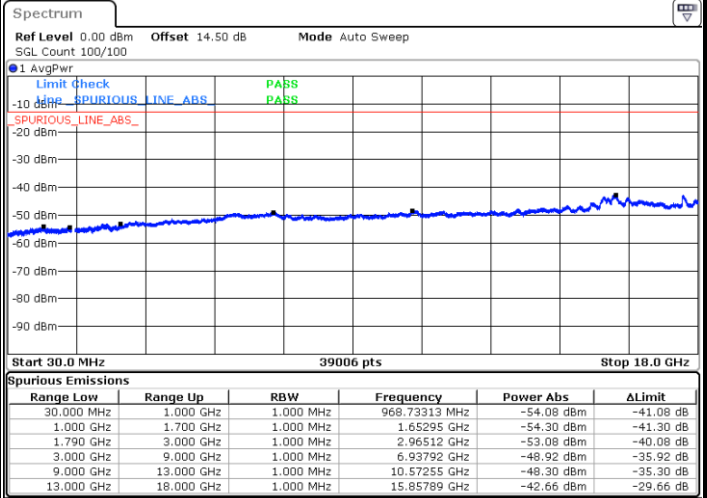
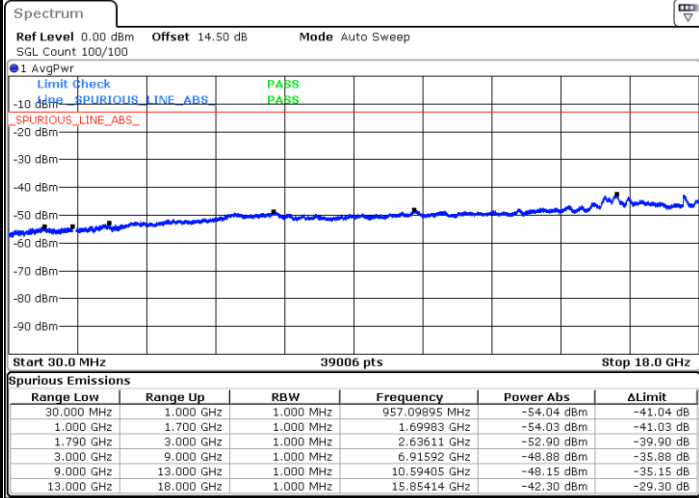


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

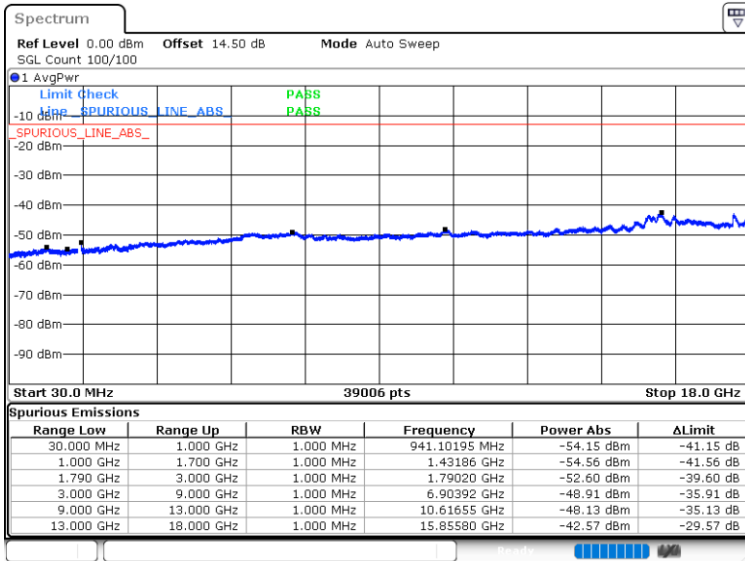
Middle Channel / QPSK



Date: 25.JAN.2024 00:20:52

Date: 25.JAN.2024 00:24:33

Highest Channel / QPSK

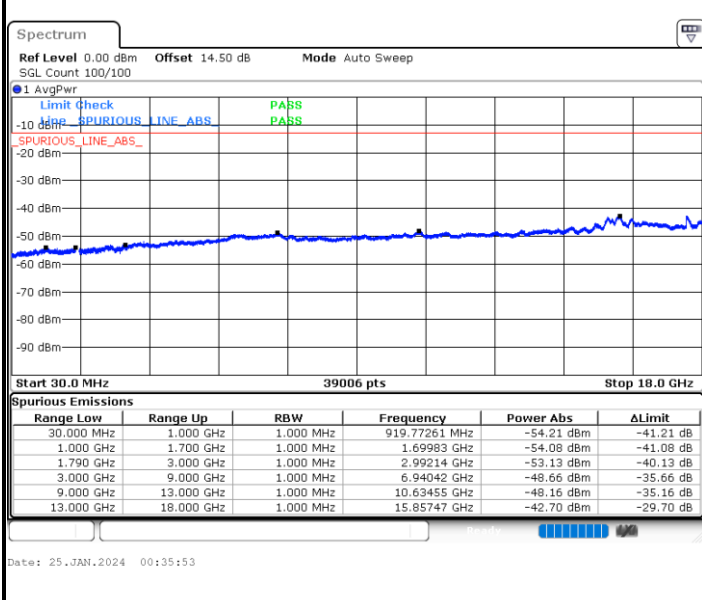


Date: 25.JAN.2024 00:29:40

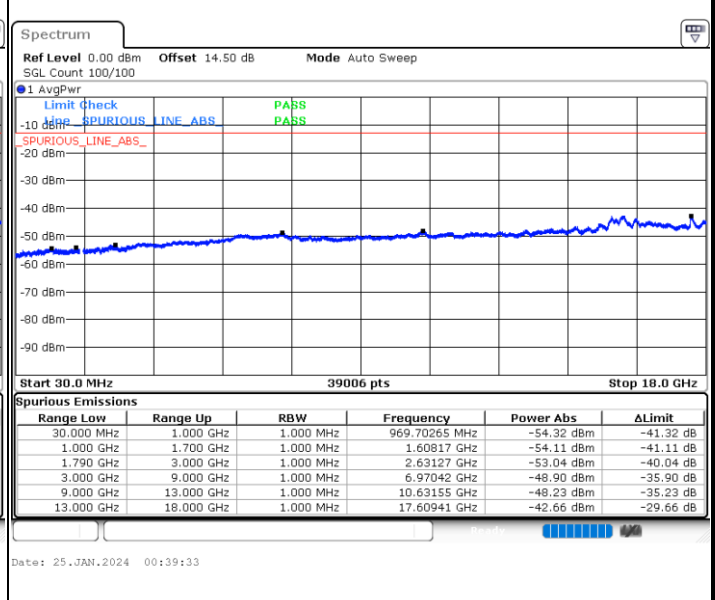


LTE Band 66 / 3MHz

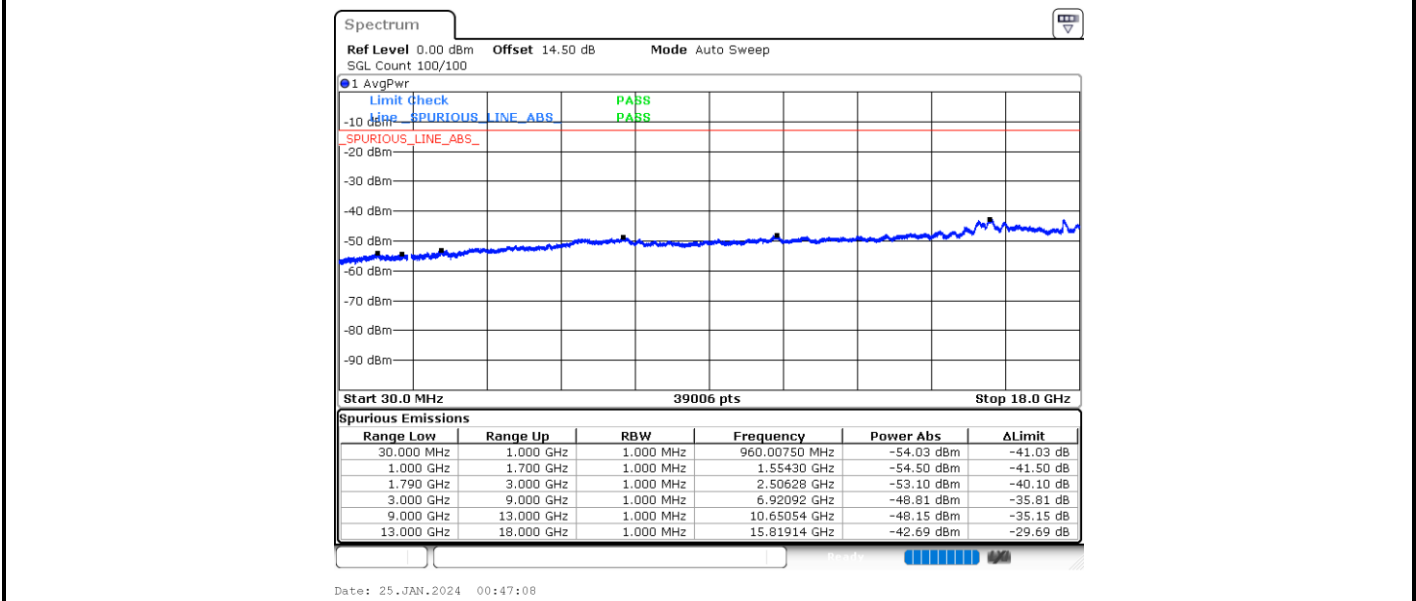
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

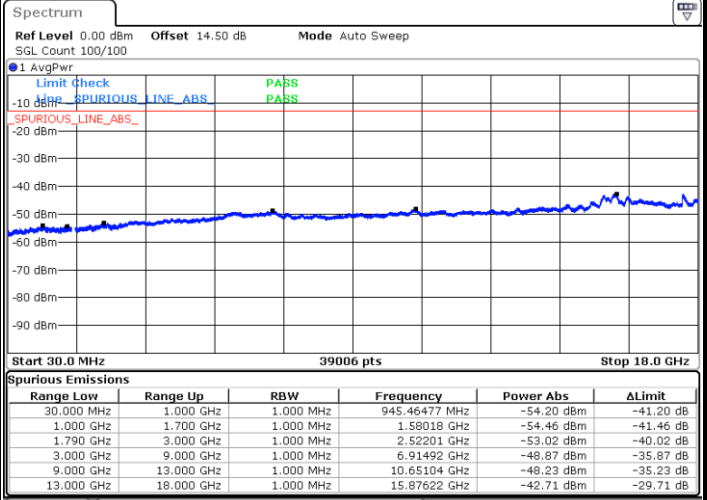
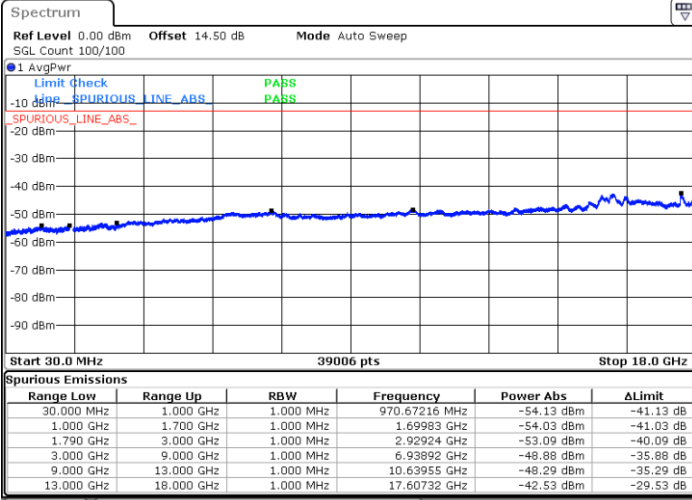




LTE Band 66 / 5MHz

Lowest Channel / QPSK

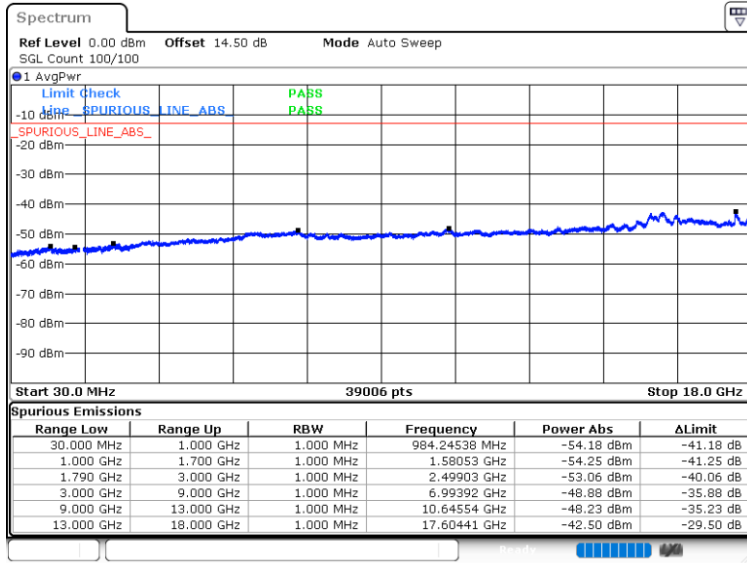
Middle Channel / QPSK



Date: 25.JAN.2024 00:50:53

Date: 25.JAN.2024 00:54:34

Highest Channel / QPSK



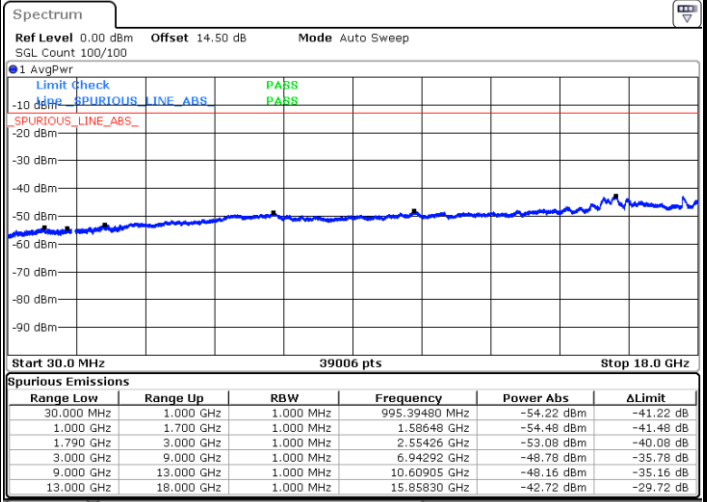
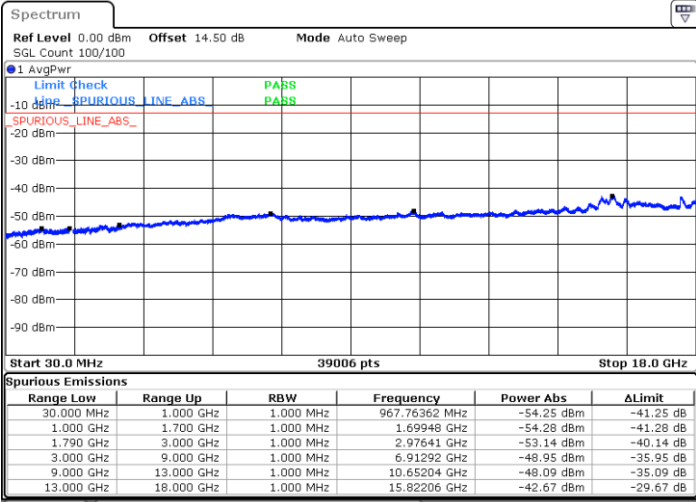
Date: 25.JAN.2024 01:02:09



LTE Band 66 / 10MHz

Lowest Channel / QPSK

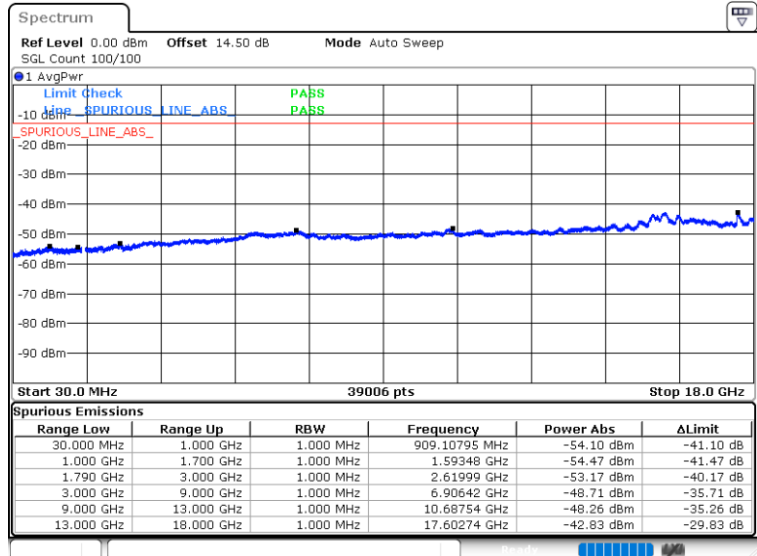
Middle Channel / QPSK



Date: 25.JAN.2024 01:08:22

Date: 25.JAN.2024 01:09:35

Highest Channel / QPSK



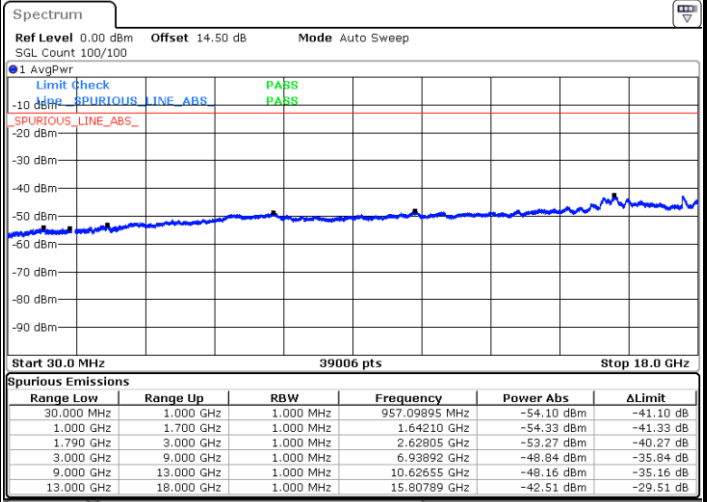
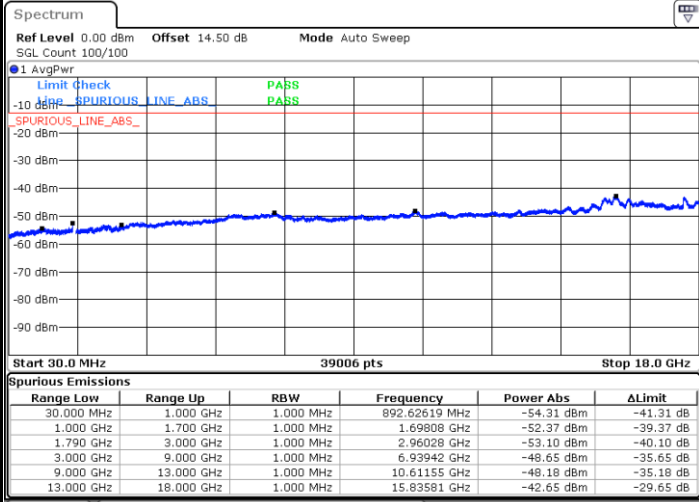
Date: 25.JAN.2024 01:17:09



LTE Band 66 / 15MHz

Lowest Channel / QPSK

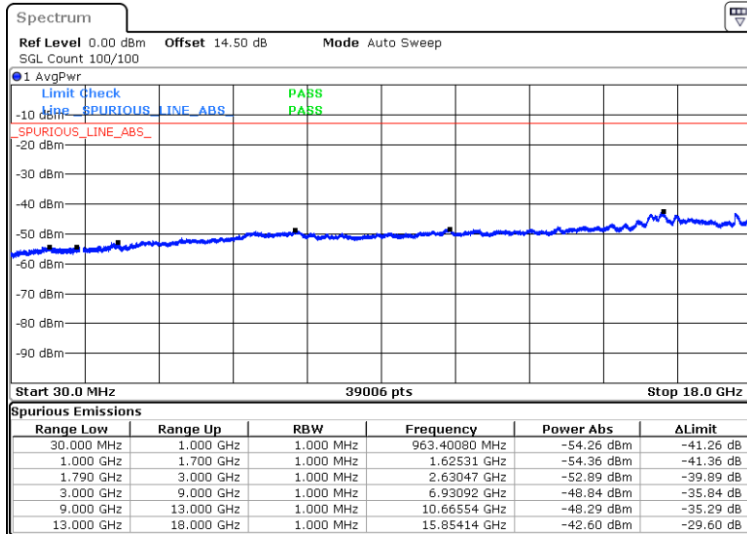
Middle Channel / QPSK



Date: 25.JAN.2024 01:23:22

Date: 25.JAN.2024 01:24:35

Highest Channel / QPSK



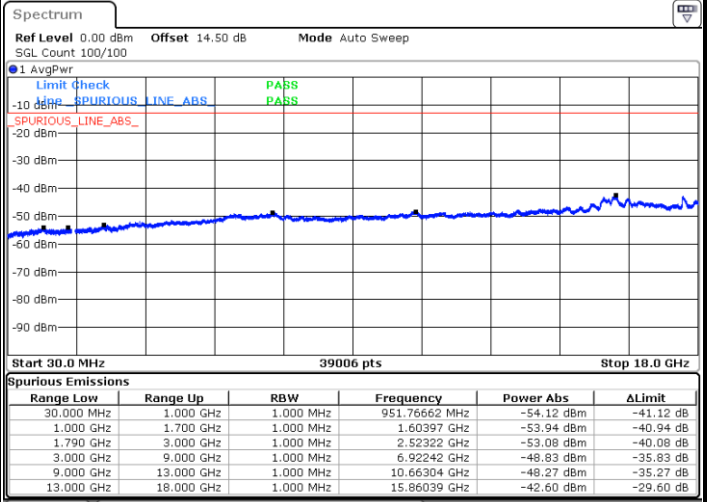
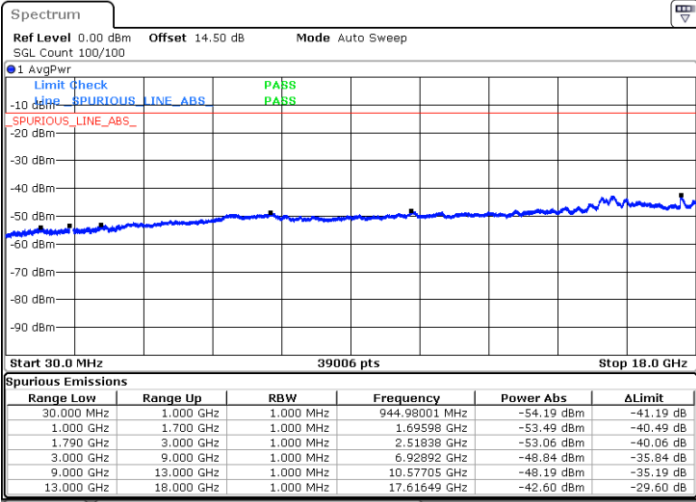
Date: 25.JAN.2024 01:32:10



LTE Band 66 / 20MHz

Lowest Channel / QPSK

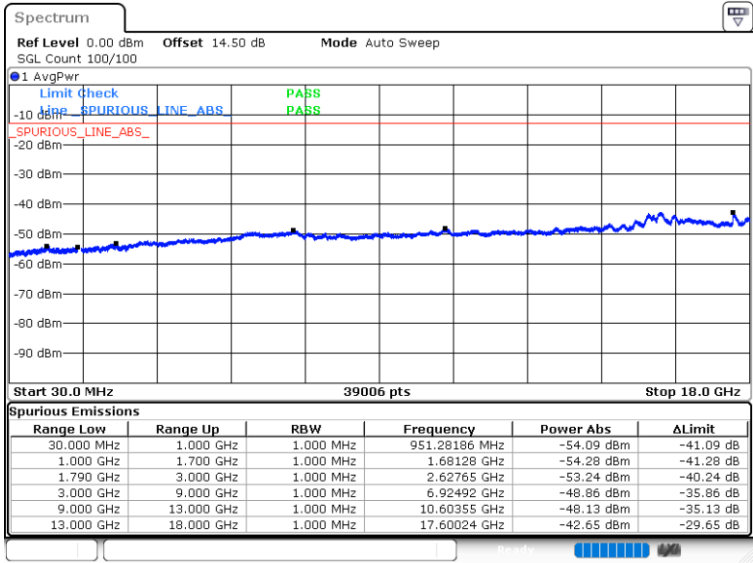
Middle Channel / QPSK



Date: 25.JAN.2024 01:38:23

Date: 25.JAN.2024 01:39:36

Highest Channel / QPSK



Date: 25.JAN.2024 01:48:43



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

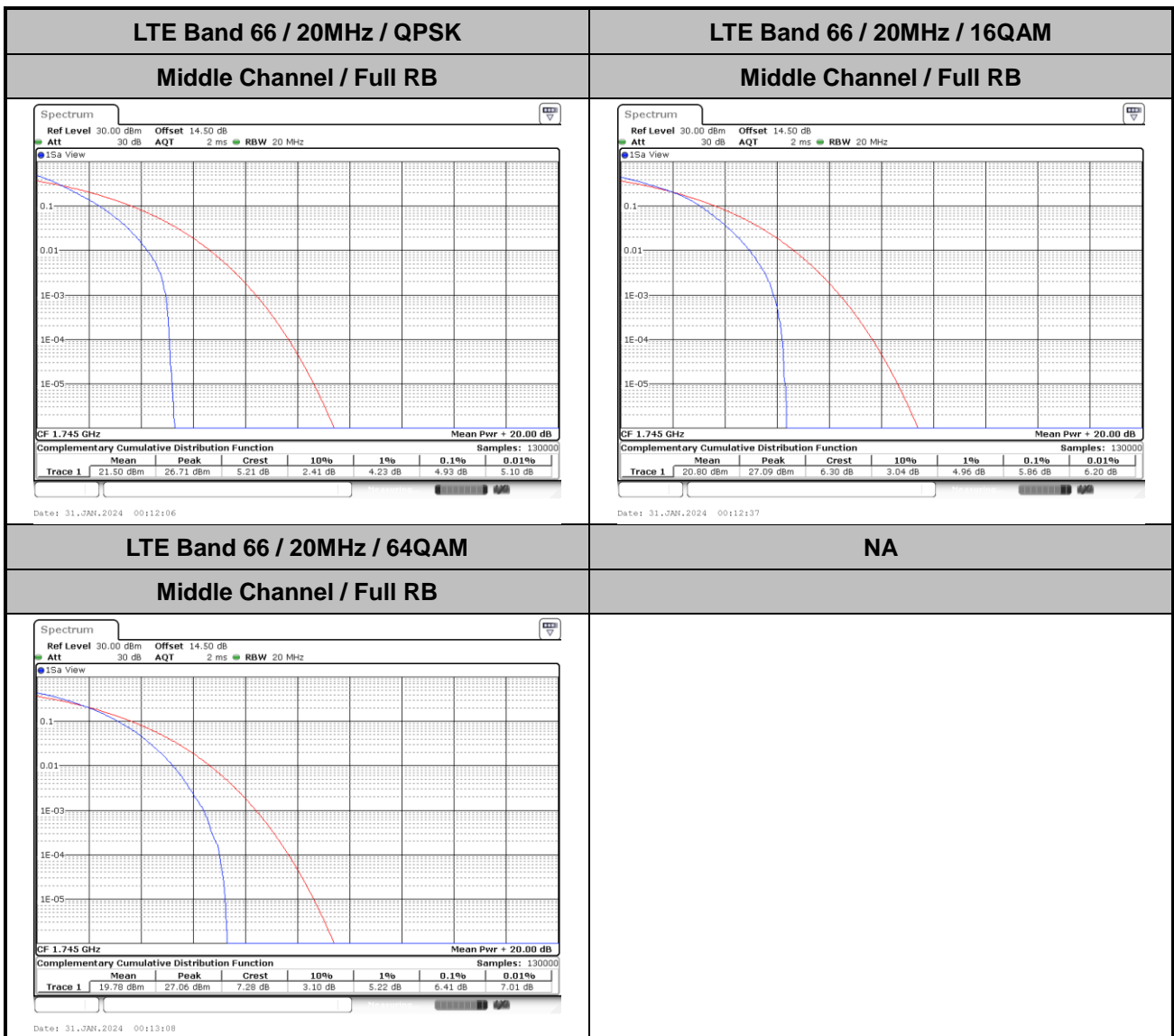
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66 (other PA)

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.86	6.41	PASS





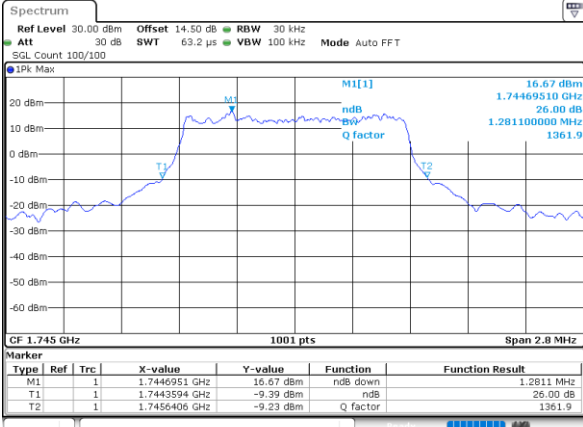
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.32	3.08	3.09	4.99	4.96	9.99	9.85	14.60	14.75	19.10	19.26



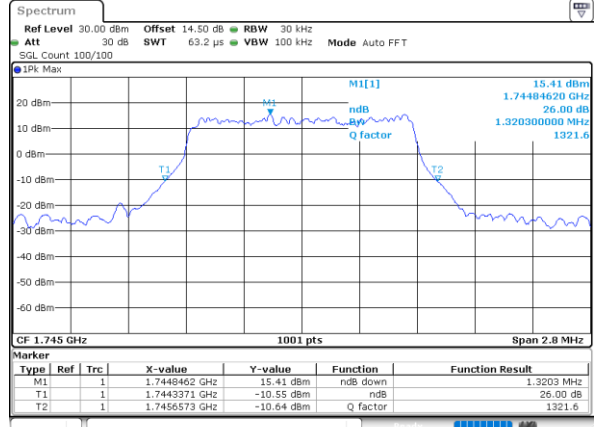
LTE Band 66

Middle Channel / 1.4MHz / QPSK



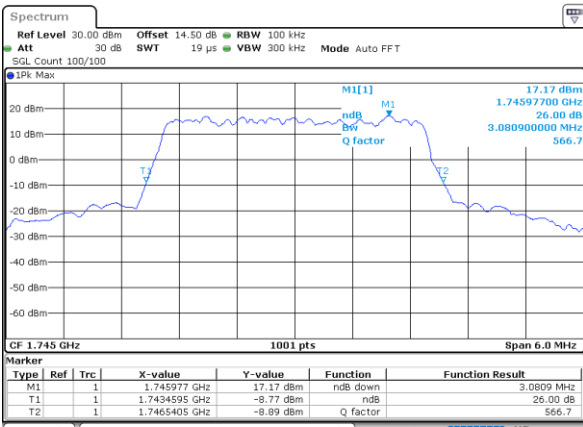
Date: 30_JAN_2024 22:22:17

Middle Channel / 1.4MHz / 16QAM



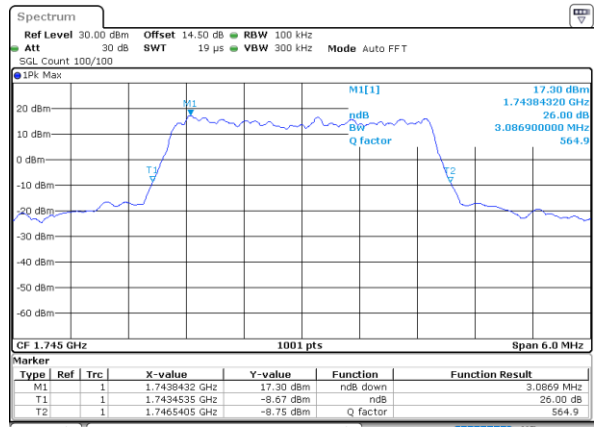
Date: 30_JAN_2024 22:23:20

Middle Channel / 3MHz / QPSK



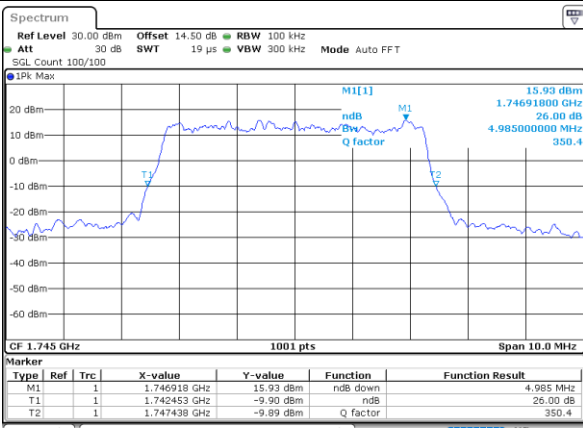
Date: 30_JAN_2024 22:40:49

Middle Channel / 3MHz / 16QAM



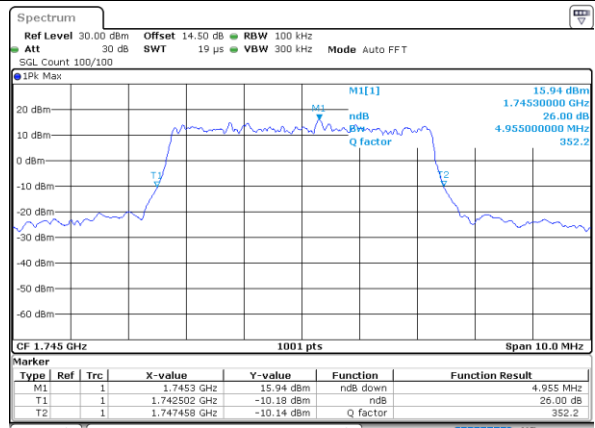
Date: 30_JAN_2024 22:41:32

Middle Channel / 5MHz / QPSK



Date: 30_JAN_2024 22:58:58

Middle Channel / 5MHz / 16QAM

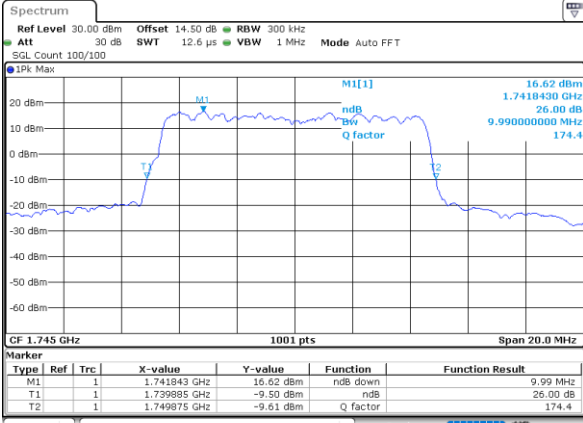


Date: 30_JAN_2024 22:59:41



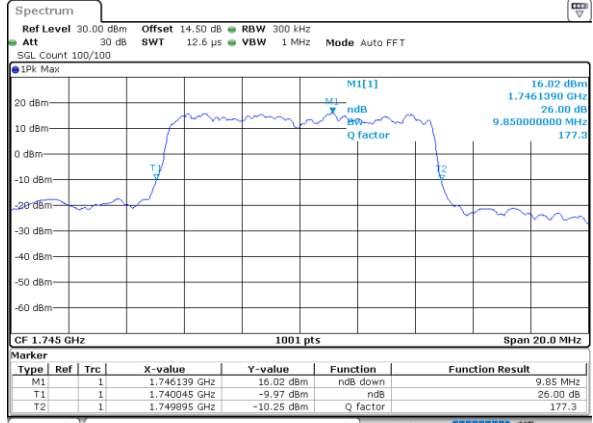
LTE Band 66

Middle Channel / 10MHz / QPSK



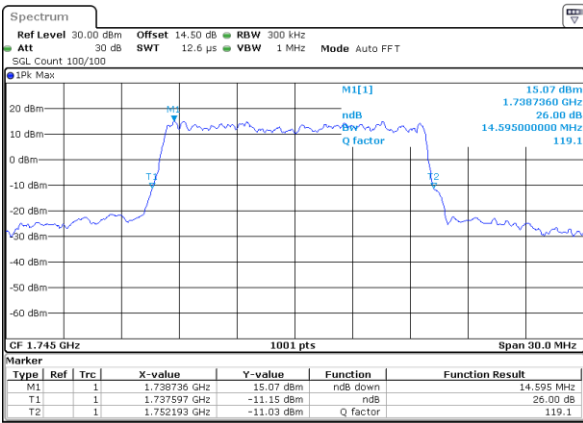
Date: 30_JAN_2024 23:17:07

Middle Channel / 10MHz / 16QAM



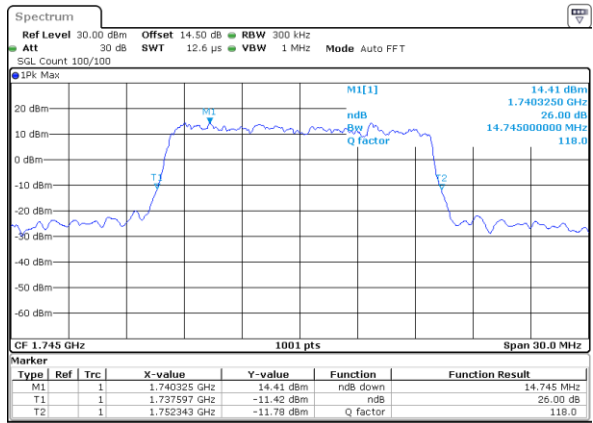
Date: 30_JAN_2024 23:17:50

Middle Channel / 15MHz / QPSK



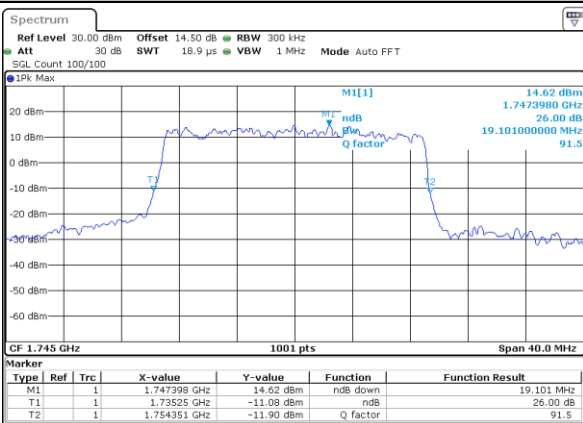
Date: 30_JAN_2024 23:35:16

Middle Channel / 15MHz / 16QAM



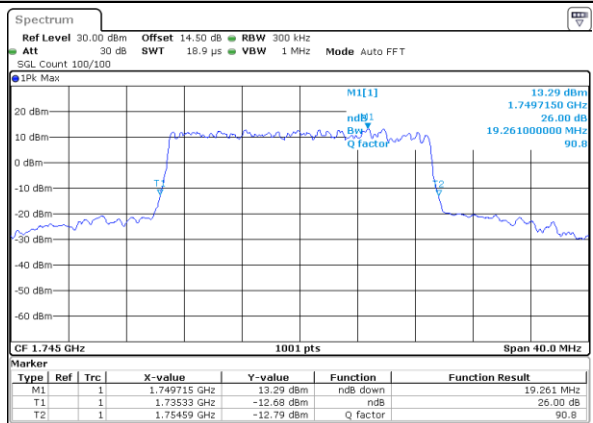
Date: 30_JAN_2024 23:35:59

Middle Channel / 20MHz / QPSK



Date: 31_JAN_2024 00:10:52

Middle Channel / 20MHz / 16QAM



Date: 31_JAN_2024 00:11:36



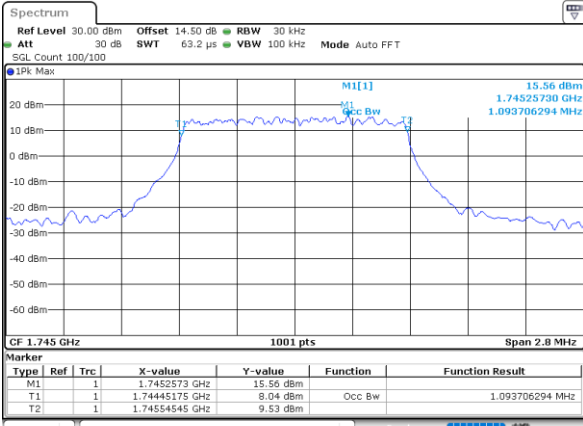
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.11	2.70	2.72	4.48	4.53	9.03	9.05	13.46	13.52	17.90	17.90



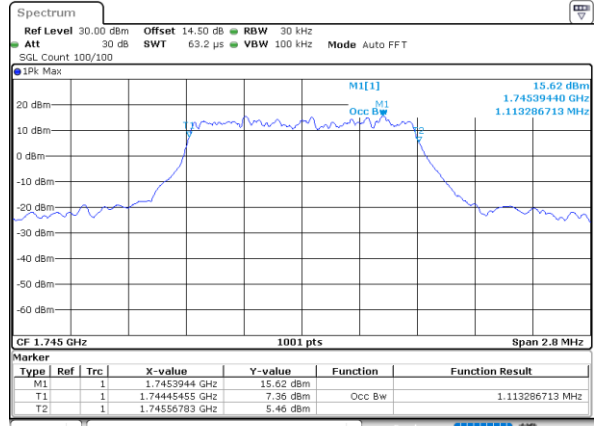
LTE Band 66

Middle Channel / 1.4MHz / QPSK



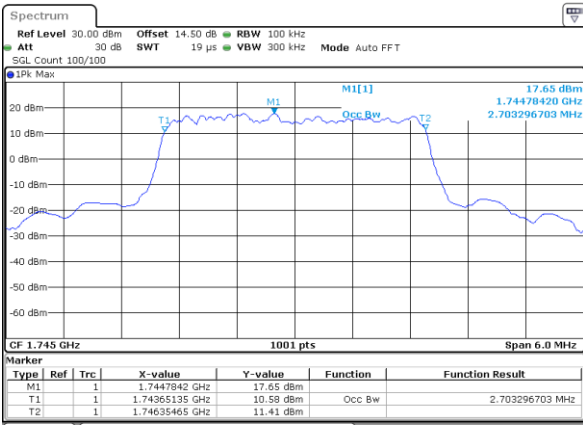
Date: 30_JAN,2024 22:22:23

Middle Channel / 1.4MHz / 16QAM



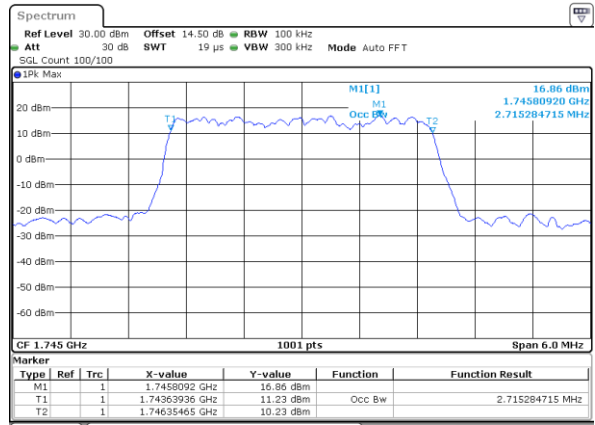
Date: 30_JAN,2024 22:23:06

Middle Channel / 3MHz / QPSK



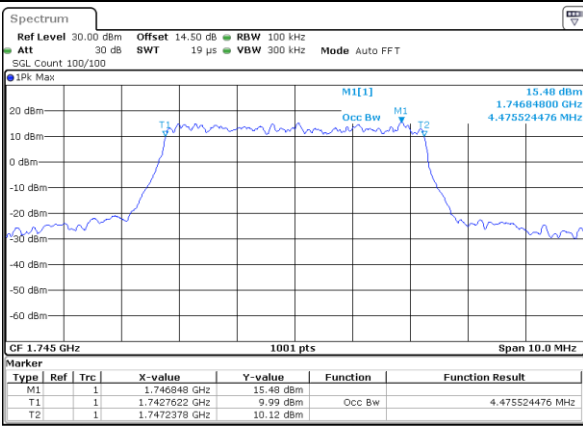
Date: 30_JAN,2024 22:49:05

Middle Channel / 3MHz / 16QAM



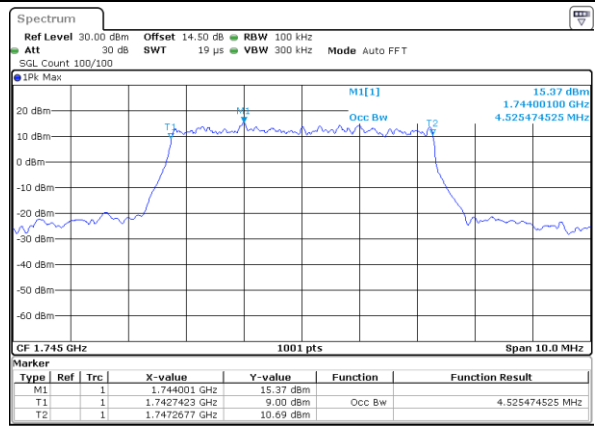
Date: 30_JAN,2024 22:41:18

Middle Channel / 5MHz / QPSK



Date: 30_JAN,2024 22:58:44

Middle Channel / 5MHz / 16QAM

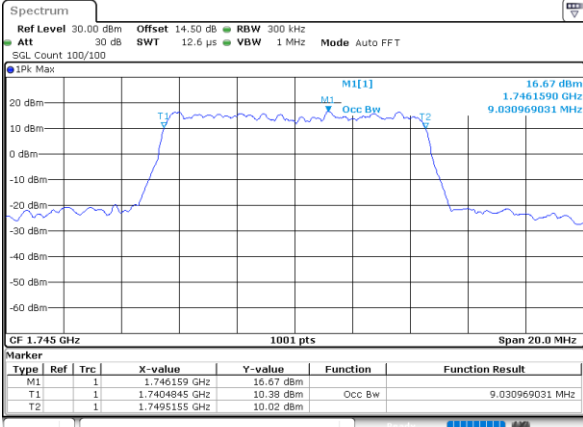


Date: 30_JAN,2024 22:59:27



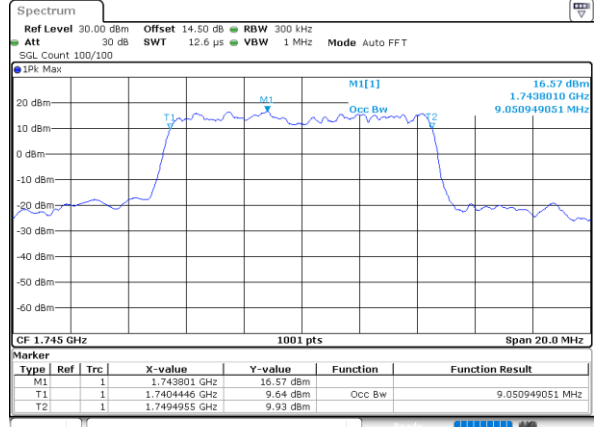
LTE Band 66

Middle Channel / 10MHz / QPSK



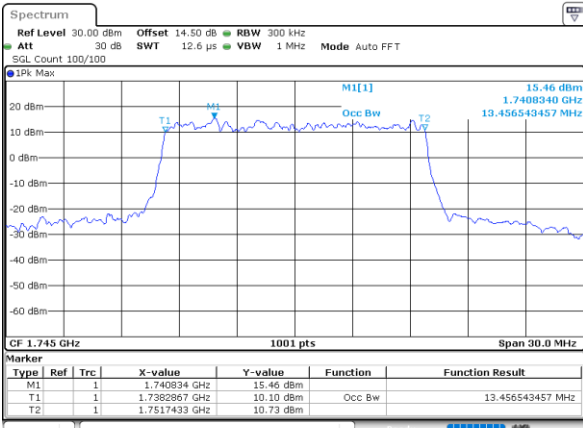
Date: 30_JAN,2024 23:16:53

Middle Channel / 10MHz / 16QAM



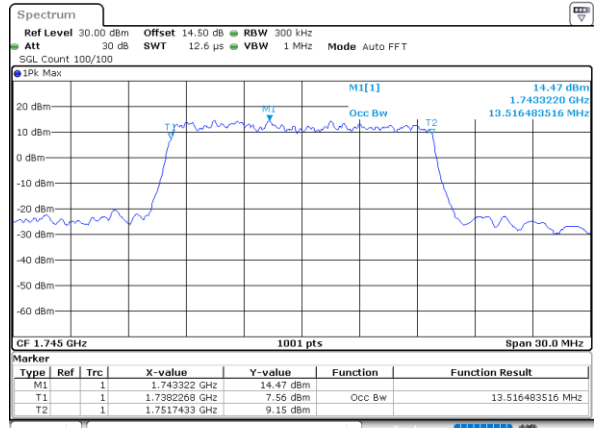
Date: 30_JAN,2024 23:17:36

Middle Channel / 15MHz / QPSK



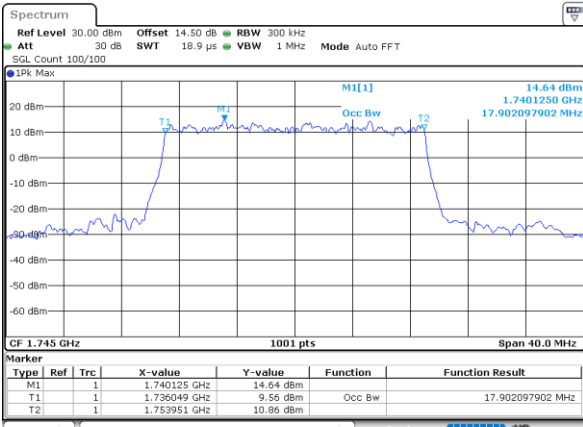
Date: 30_JAN,2024 23:35:02

Middle Channel / 15MHz / 16QAM



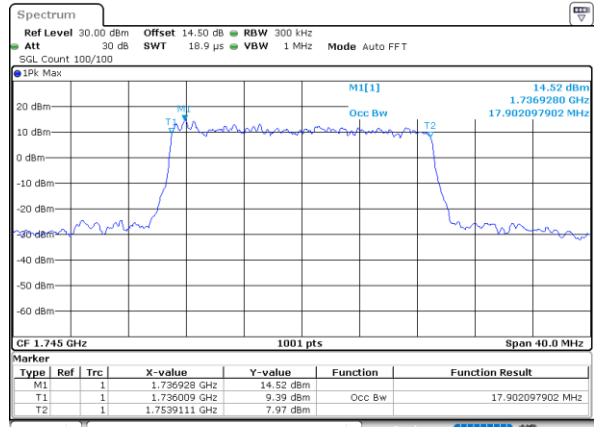
Date: 30_JAN,2024 23:35:45

Middle Channel / 20MHz / QPSK



Date: 31_JAN,2024 00:10:38

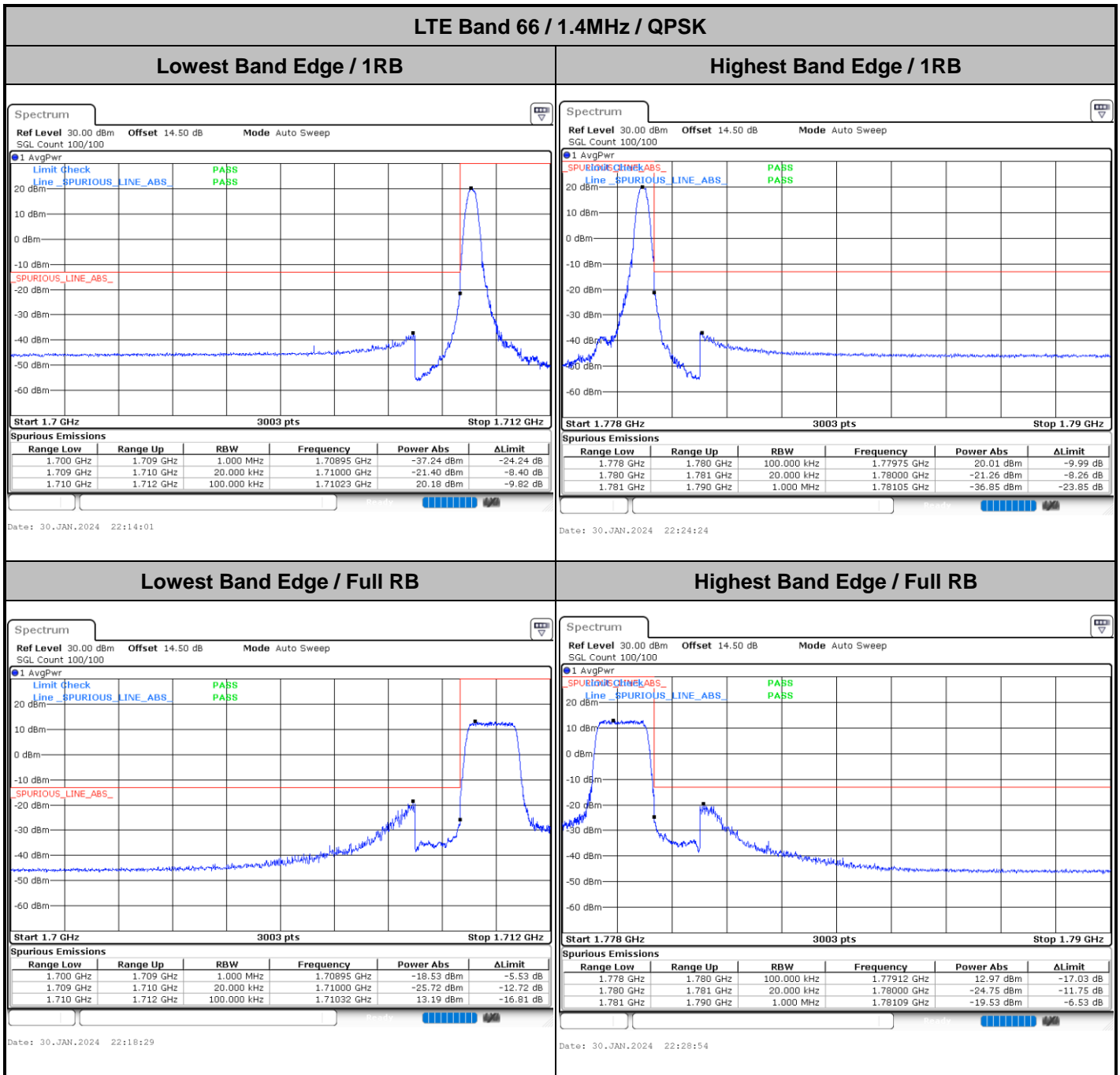
Middle Channel / 20MHz / 16QAM



Date: 31_JAN,2024 00:11:22



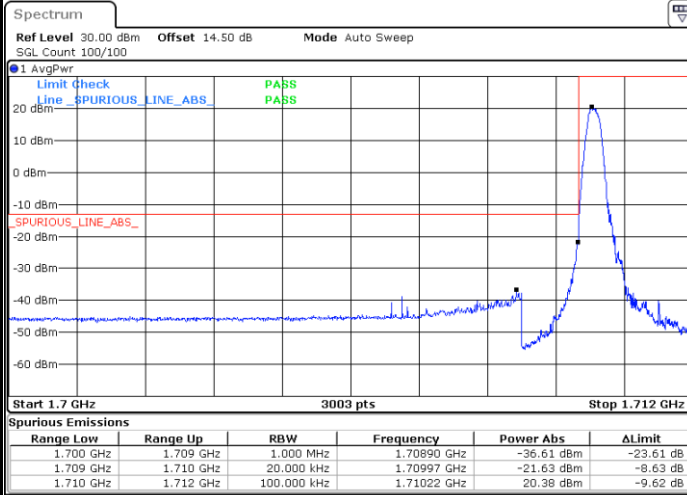
Conducted Band Edge





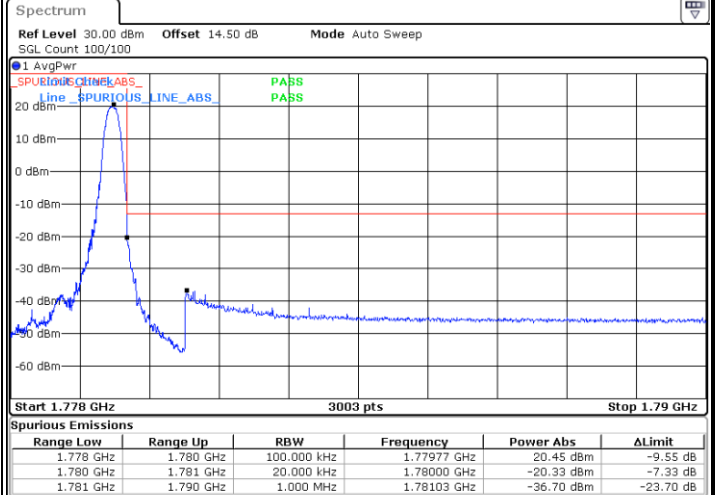
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



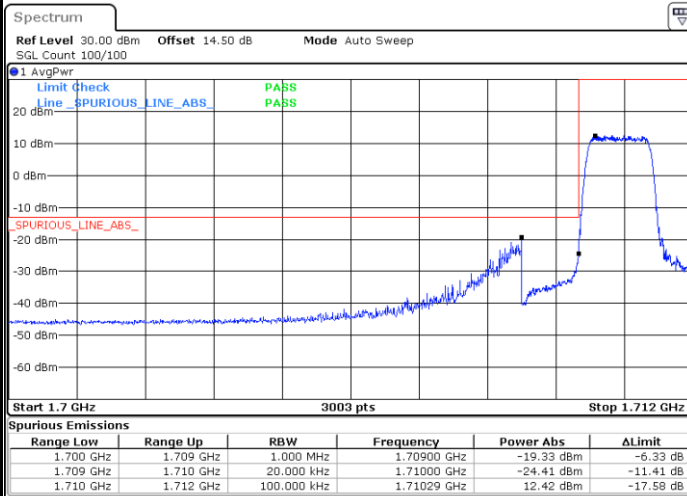
Date: 30.JAN.2024 22:15:06

Highest Band Edge / 1 RB



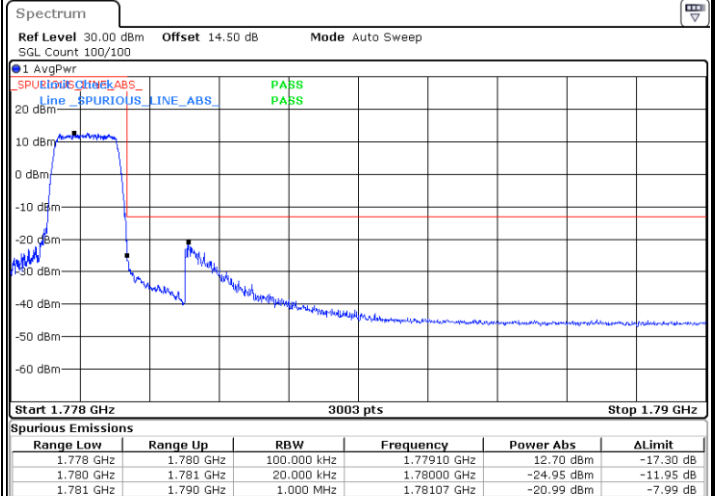
Date: 30.JAN.2024 22:25:32

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:19:34

Highest Band Edge / Full RB

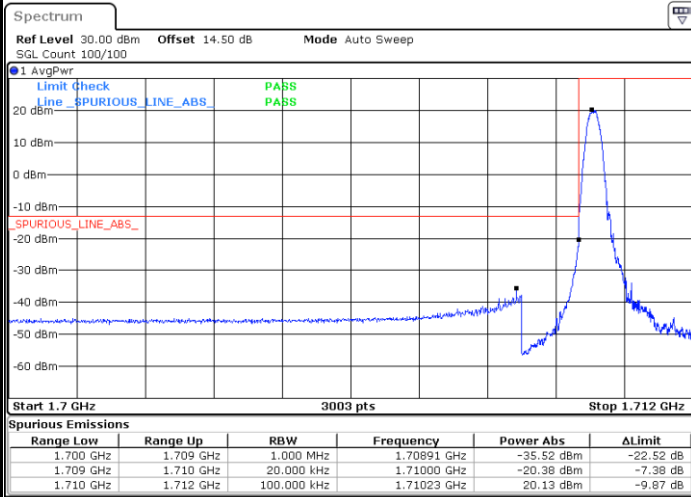


Date: 30.JAN.2024 22:29:59



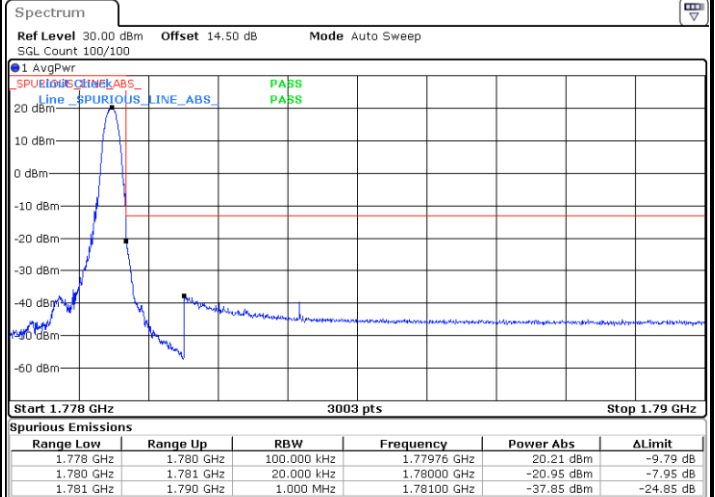
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



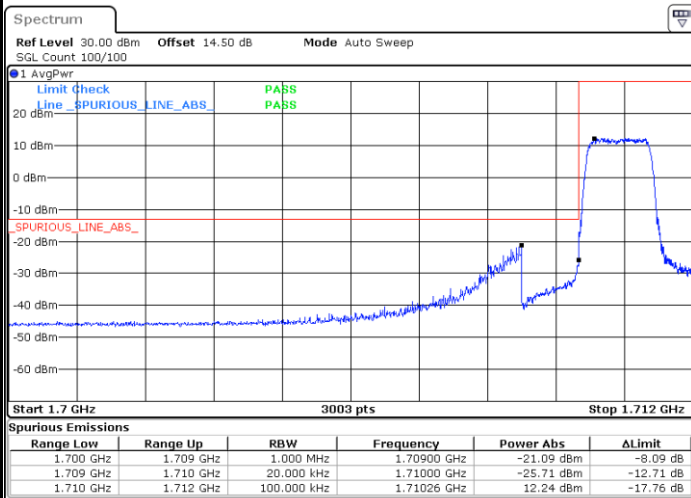
Date: 30.JAN.2024 22:16:11

Highest Band Edge / 1 RB



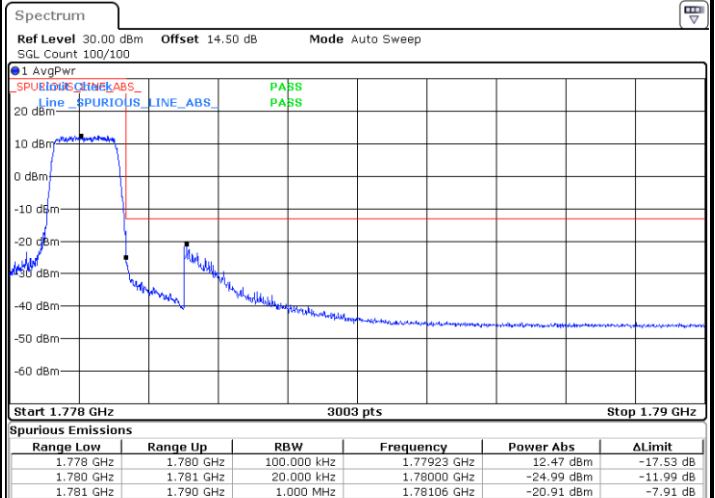
Date: 30.JAN.2024 22:26:36

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:20:38

Highest Band Edge / Full RB

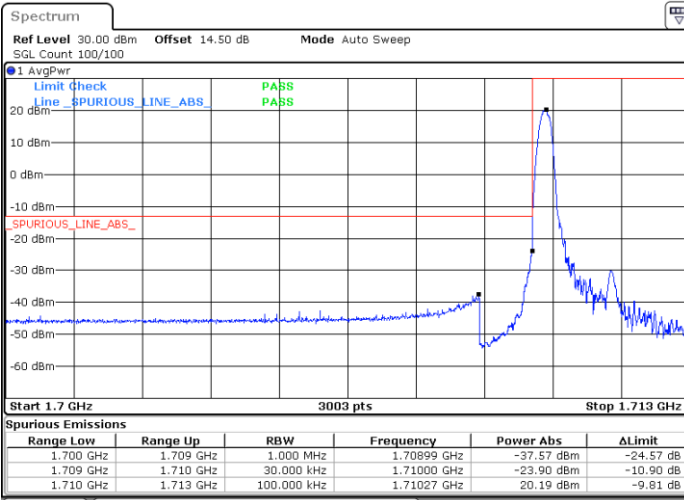


Date: 30.JAN.2024 22:31:04



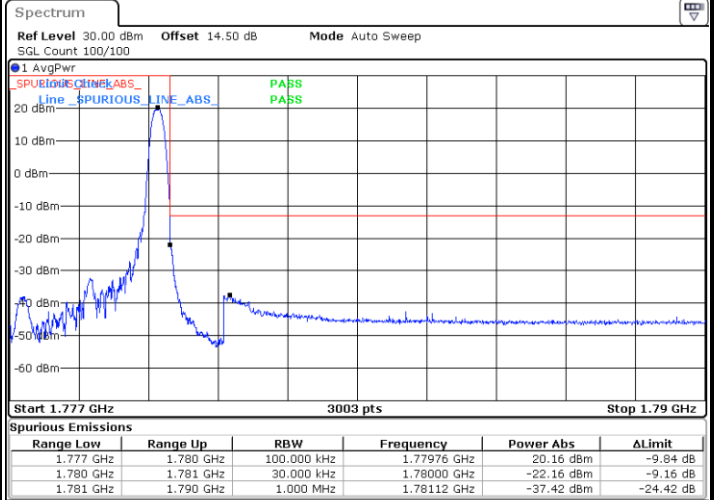
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



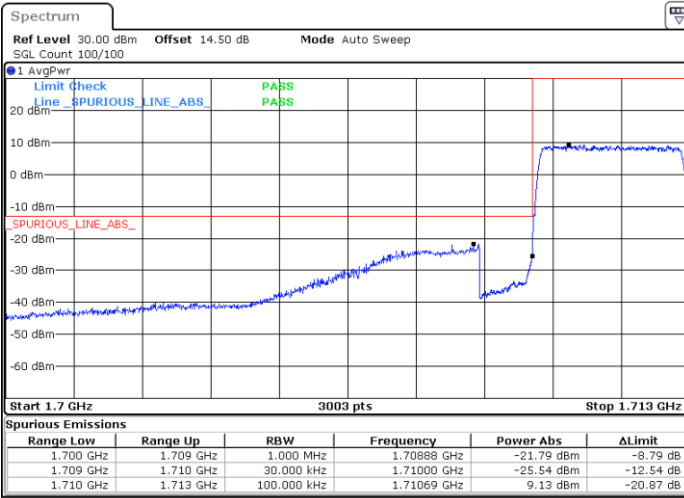
Date: 30.JAN.2024 22:32:14

Highest Band Edge / 1RB



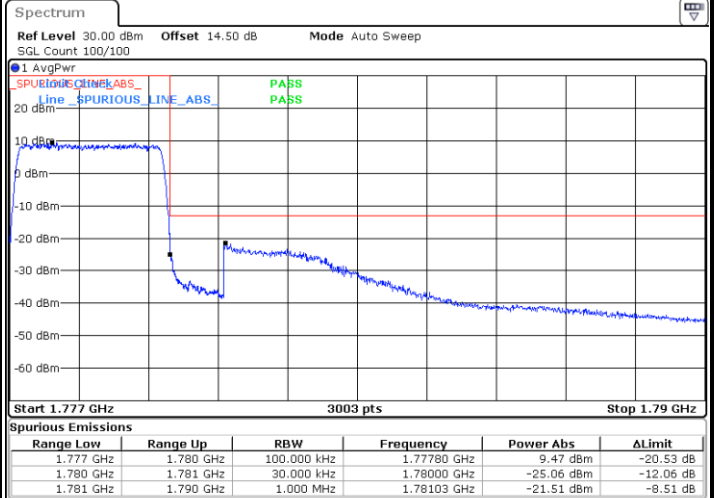
Date: 30.JAN.2024 22:42:36

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:36:41

Highest Band Edge / Full RB

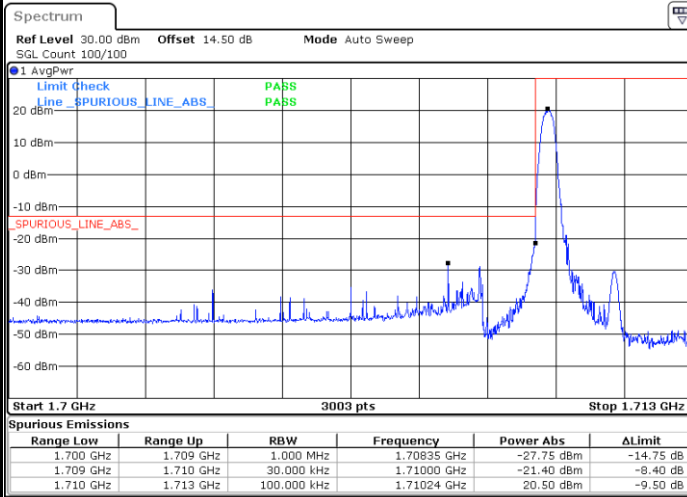


Date: 30.JAN.2024 22:45:50



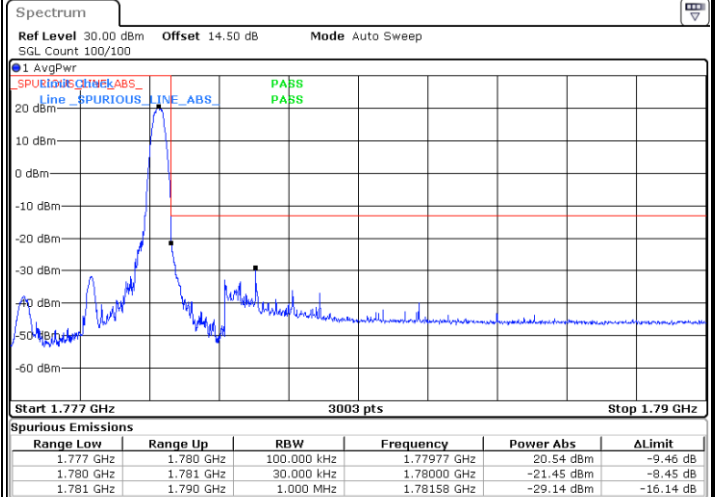
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



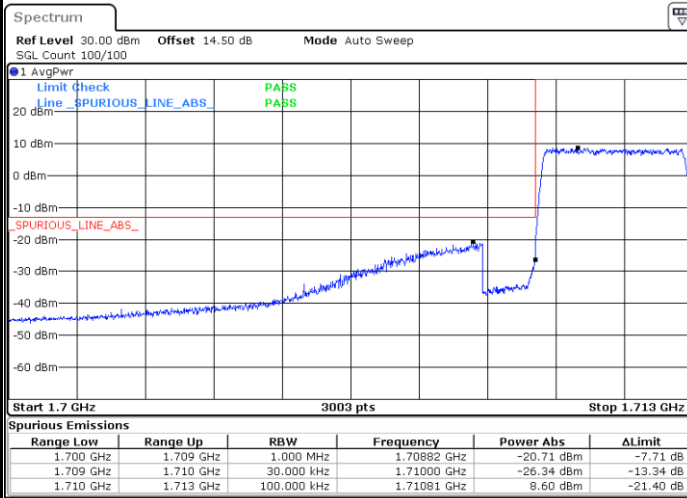
Date: 30.JAN.2024 22:33:18

Highest Band Edge / 1 RB



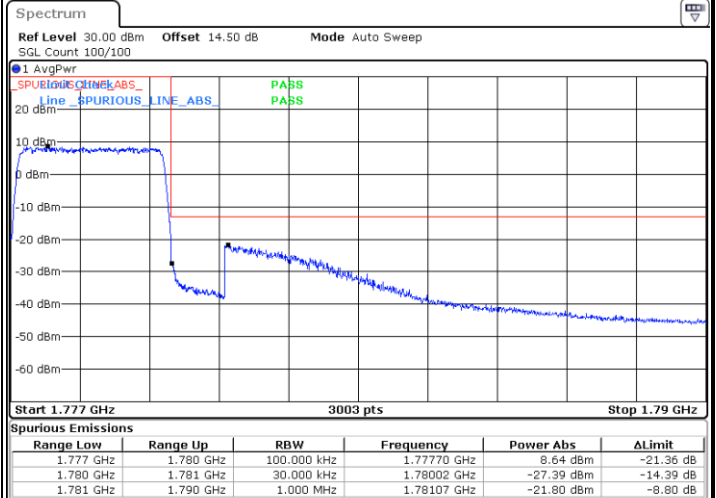
Date: 30.JAN.2024 22:43:41

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:37:45

Highest Band Edge / Full RB

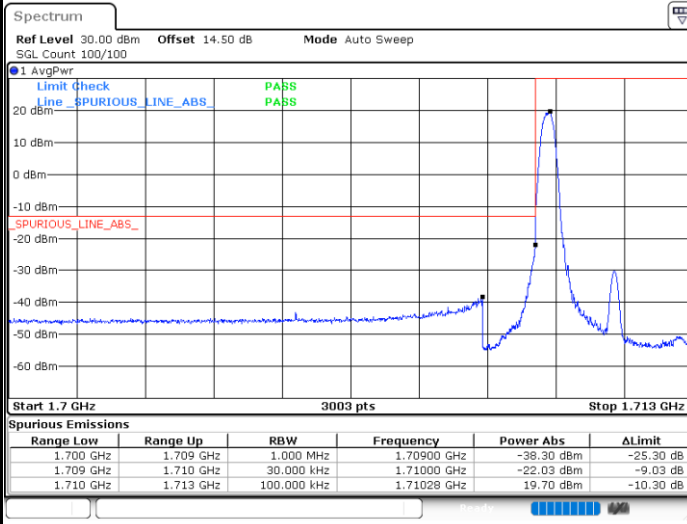


Date: 30.JAN.2024 22:46:54

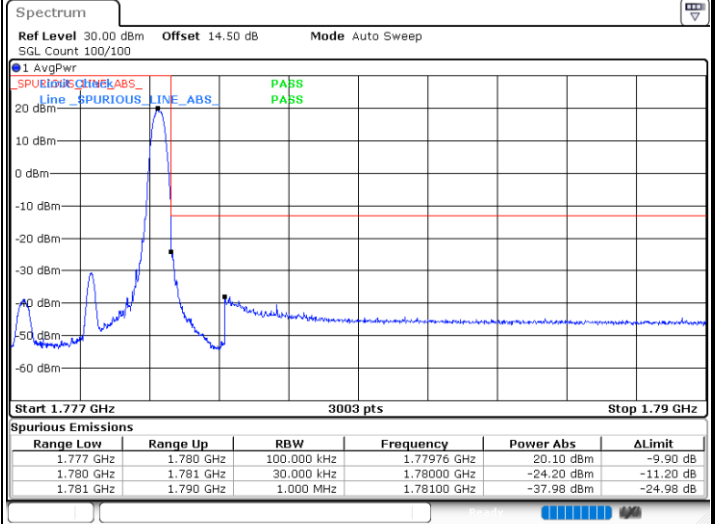


LTE Band 66 / 3MHz / 64QAM

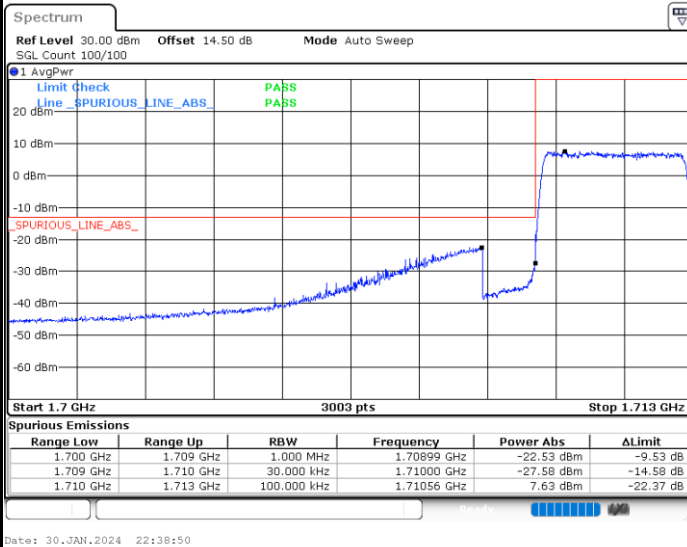
Lowest Band Edge / 1 RB



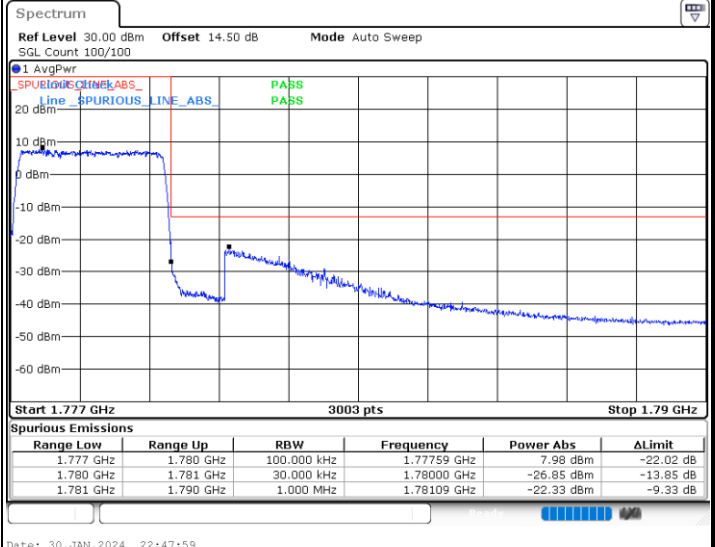
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



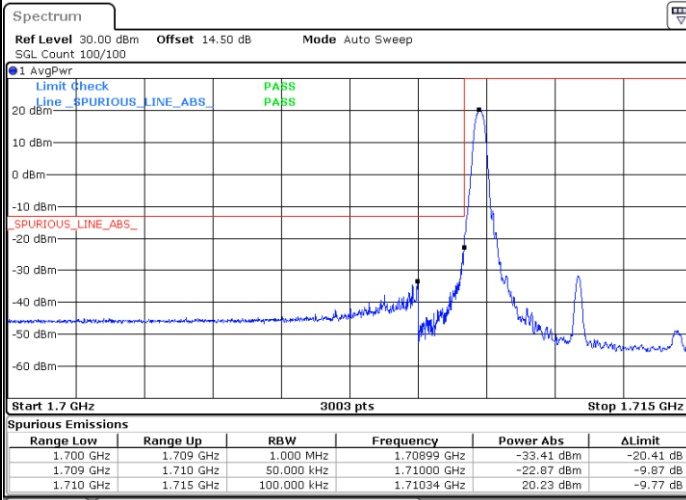
Highest Band Edge / Full RB





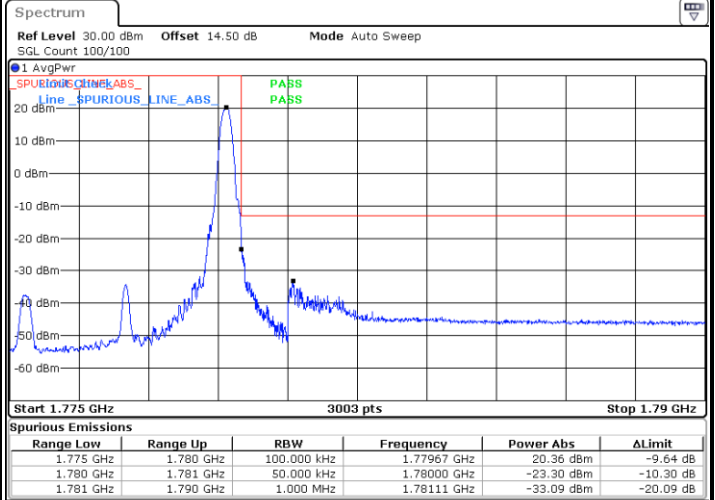
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1RB



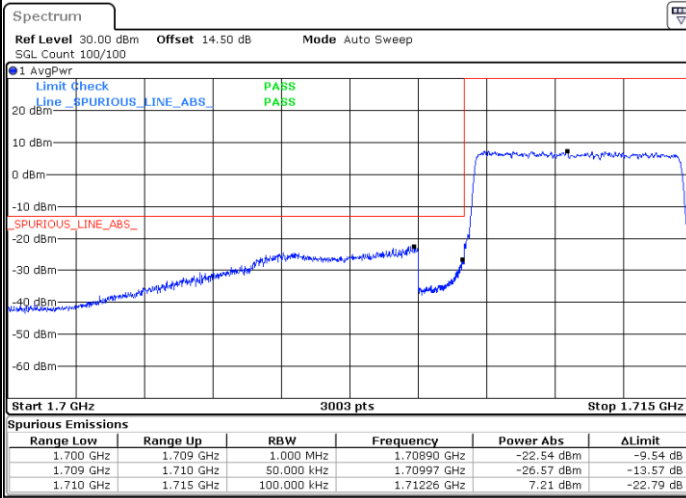
Date: 30.JAN.2024 22:50:23

Highest Band Edge / 1RB



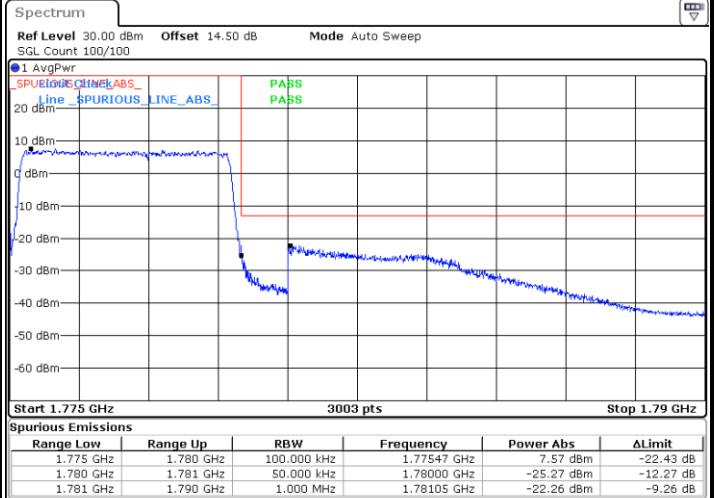
Date: 30.JAN.2024 23:00:45

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:54:50

Highest Band Edge / Full RB

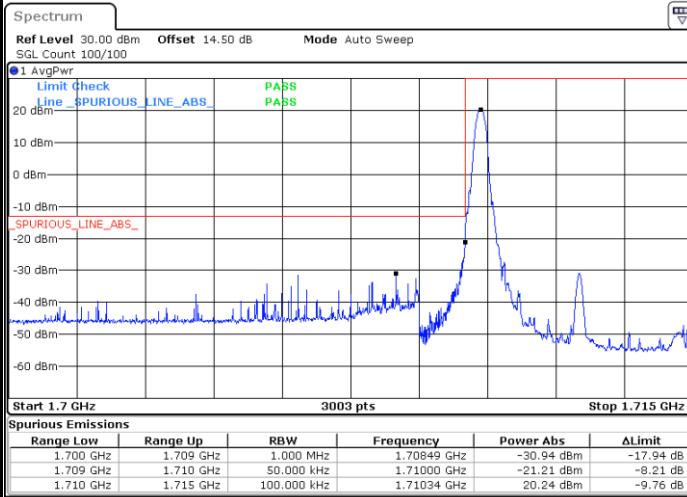


Date: 30.JAN.2024 23:03:59



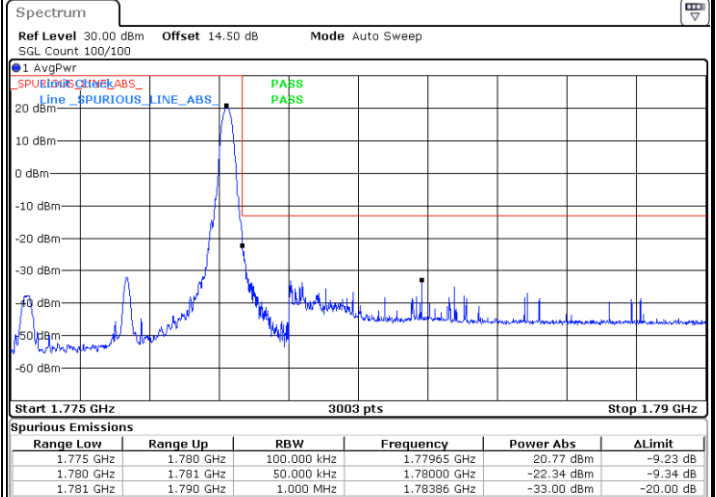
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



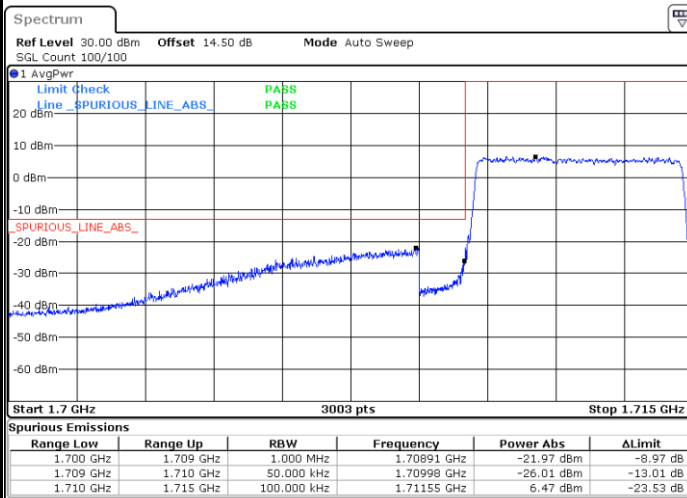
Date: 30.JAN.2024 22:51:27

Highest Band Edge / 1 RB



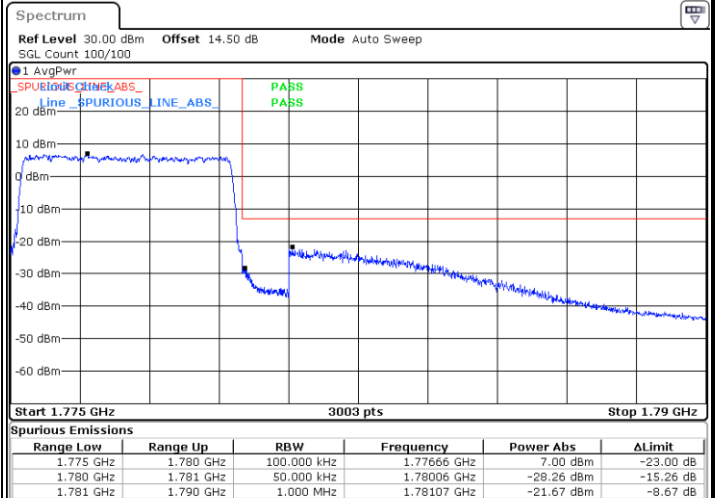
Date: 30.JAN.2024 23:01:49

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:55:55

Highest Band Edge / Full RB

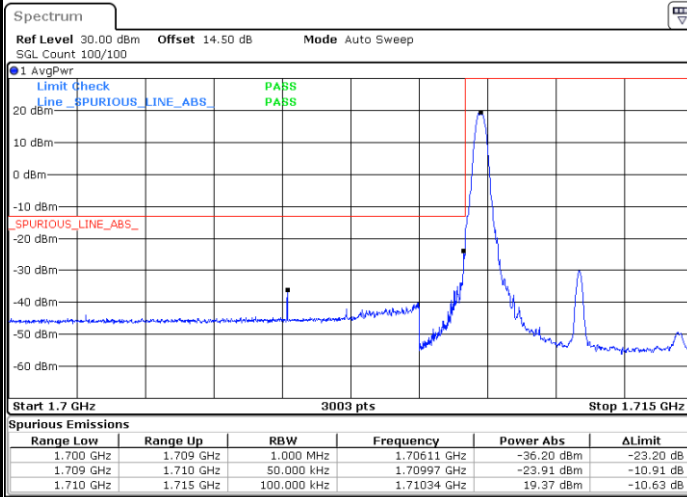


Date: 30.JAN.2024 23:05:04



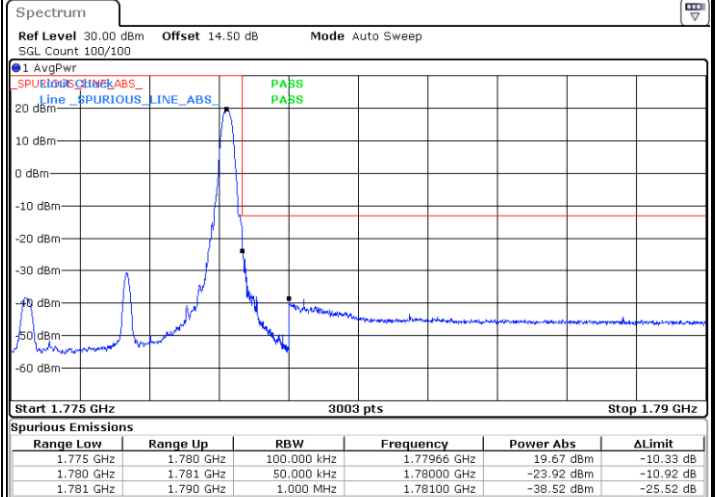
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



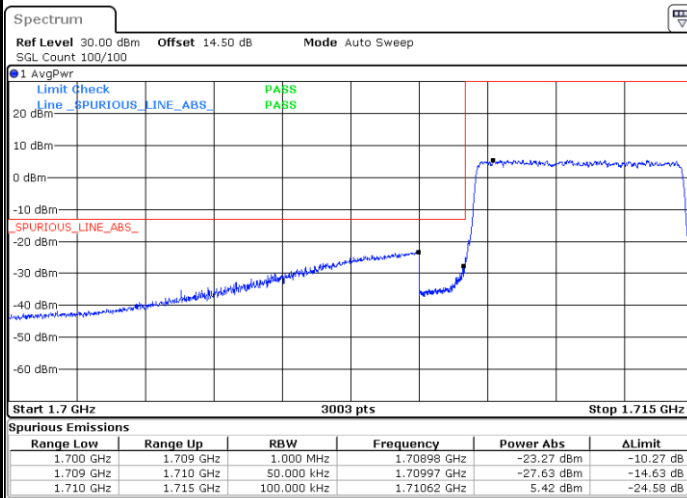
Date: 30.JAN.2024 22:52:32

Highest Band Edge / 1 RB



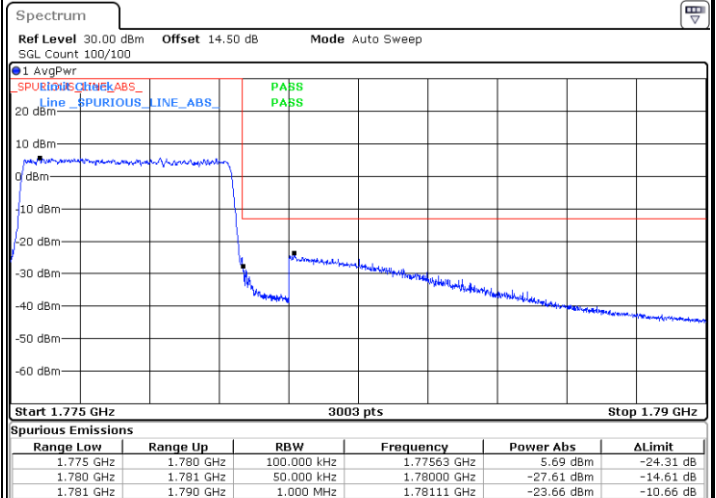
Date: 30.JAN.2024 23:02:54

Lowest Band Edge / Full RB



Date: 30.JAN.2024 22:56:59

Highest Band Edge / Full RB

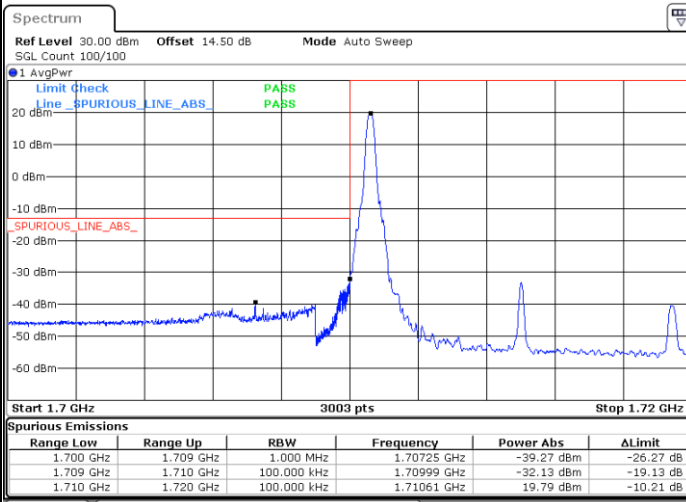


Date: 30.JAN.2024 23:06:08



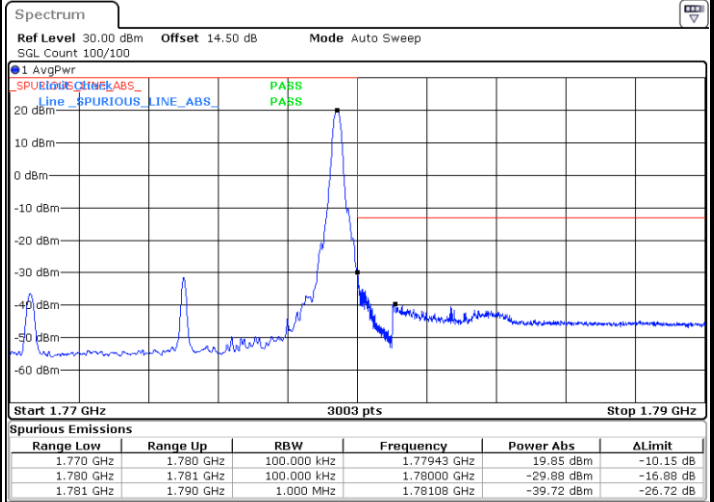
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1RB



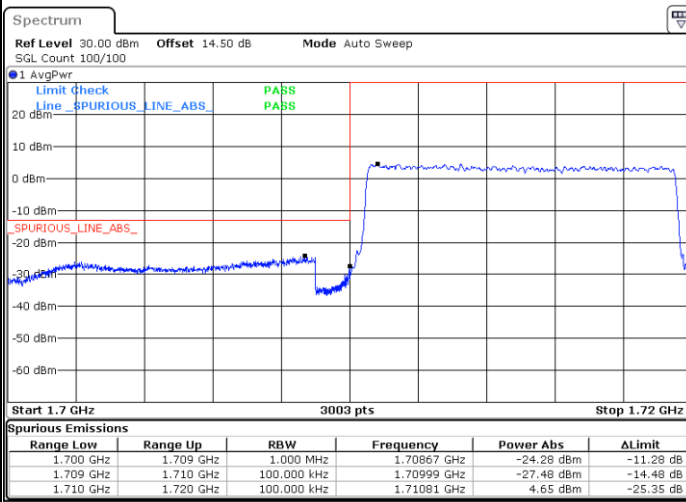
Date: 30.JAN.2024 23:08:31

Highest Band Edge / 1RB



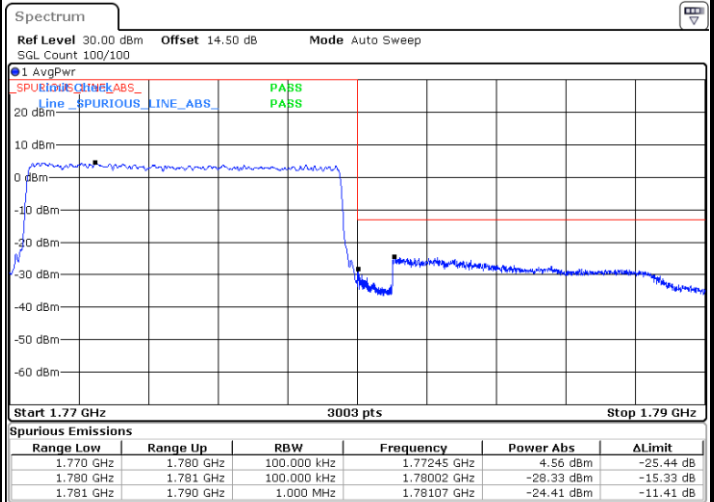
Date: 30.JAN.2024 23:18:54

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:11:46

Highest Band Edge / Full RB

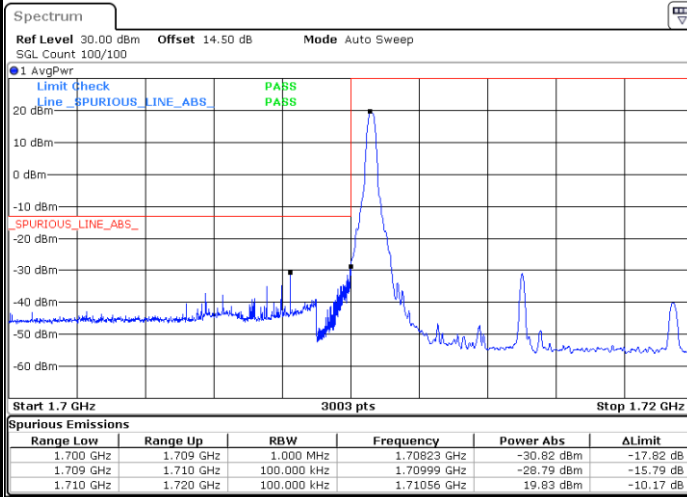


Date: 30.JAN.2024 23:22:08



LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



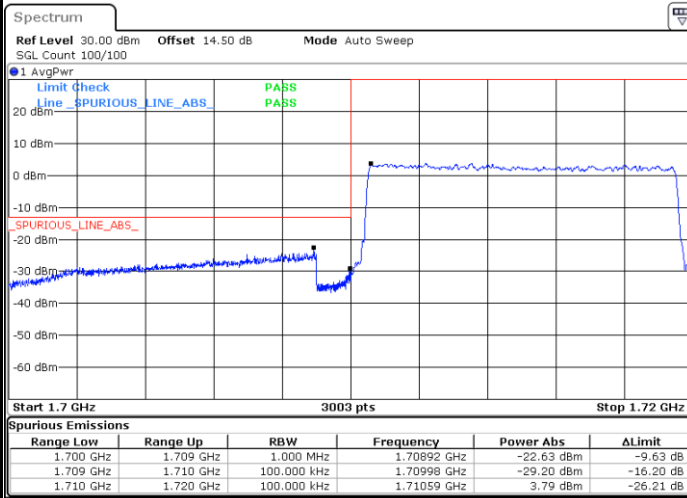
Date: 30.JAN.2024 23:09:36

Highest Band Edge / 1 RB



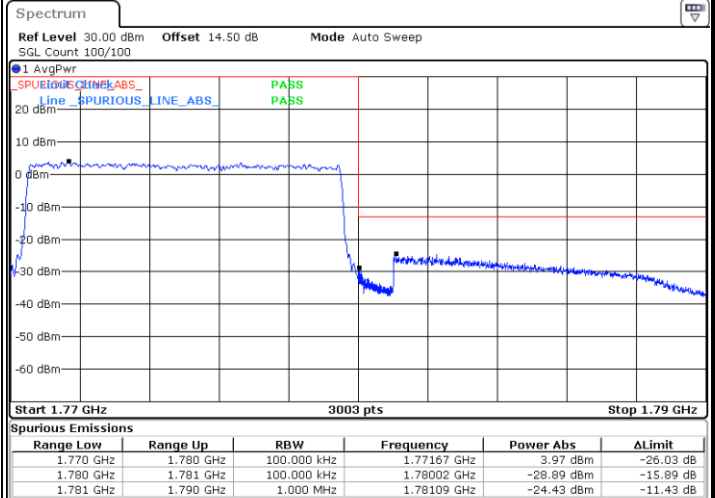
Date: 30.JAN.2024 23:19:59

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:12:50

Highest Band Edge / Full RB

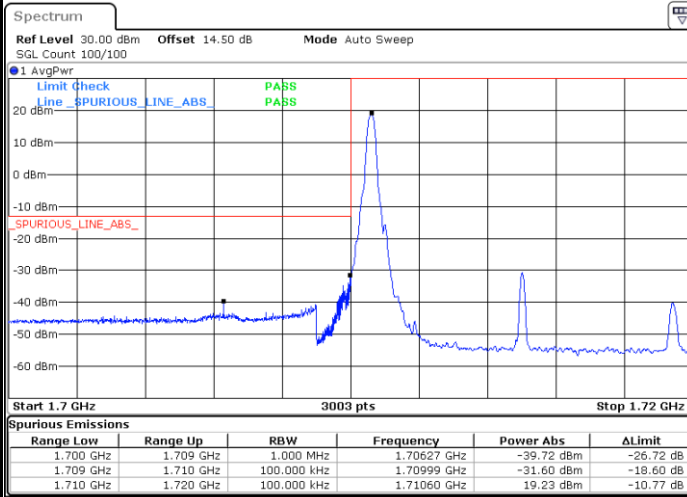


Date: 30.JAN.2024 23:23:12



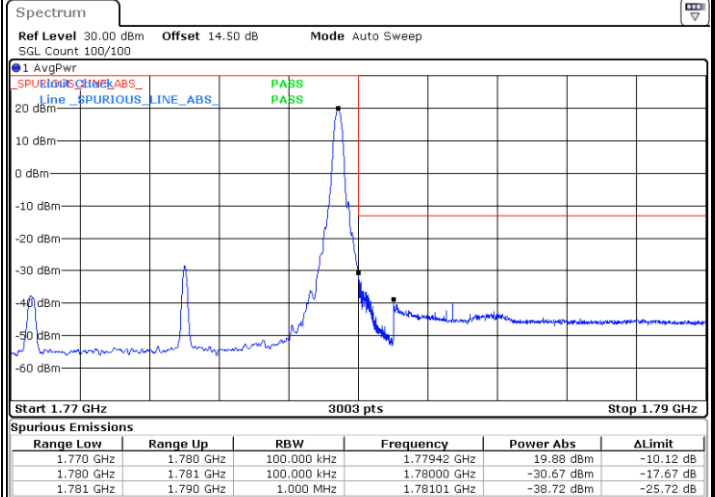
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



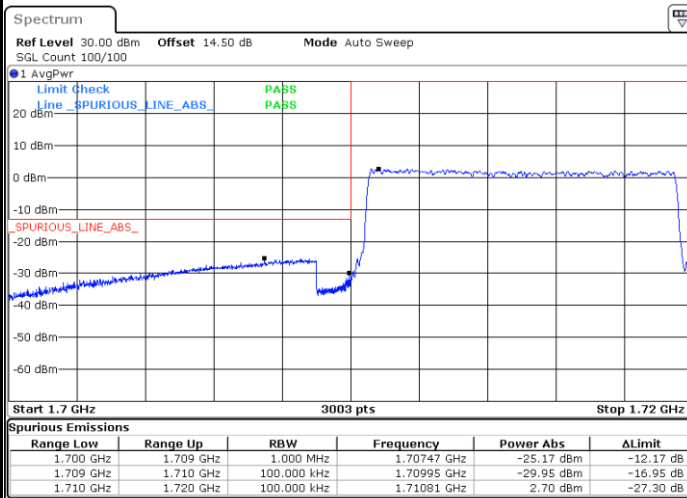
Date: 30.JAN.2024 23:10:41

Highest Band Edge / 1 RB



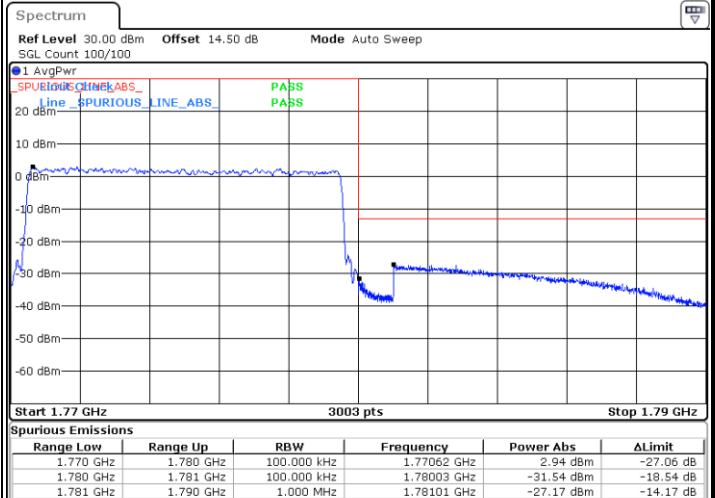
Date: 30.JAN.2024 23:21:03

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:13:55

Highest Band Edge / Full RB

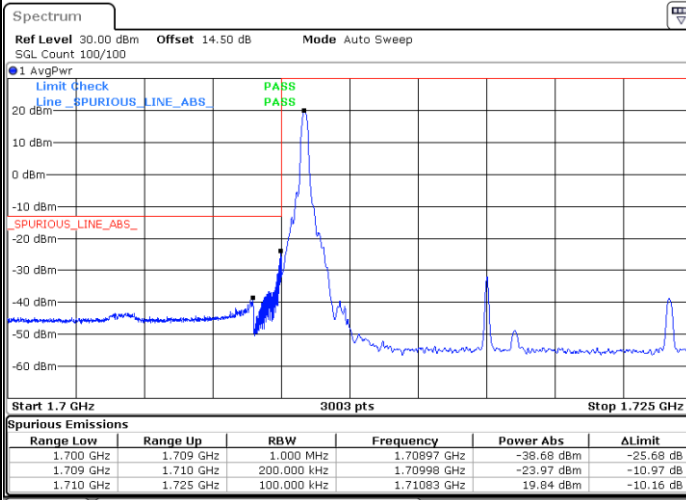


Date: 30.JAN.2024 23:24:17



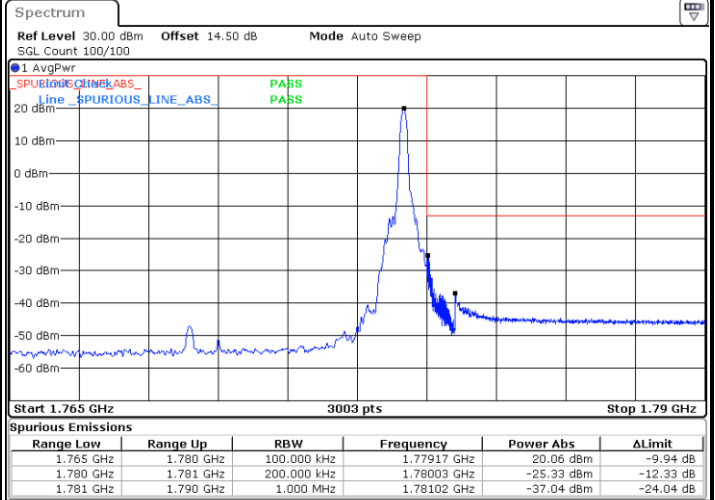
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1RB



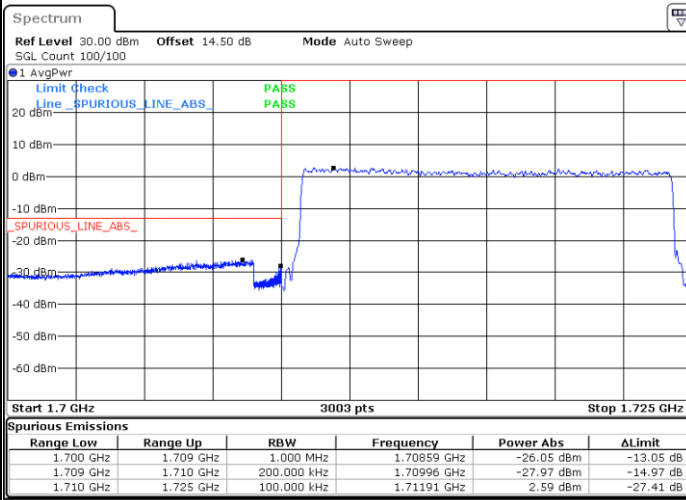
Date: 30.JAN.2024 23:26:40

Highest Band Edge / 1RB



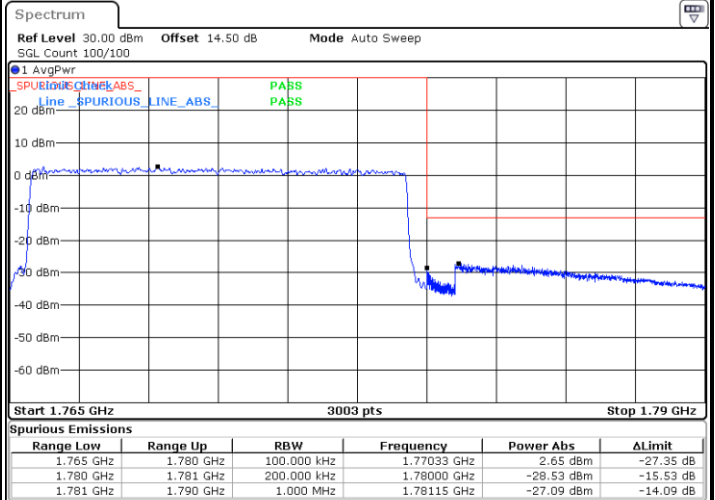
Date: 30.JAN.2024 23:54:30

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:29:55

Highest Band Edge / Full RB

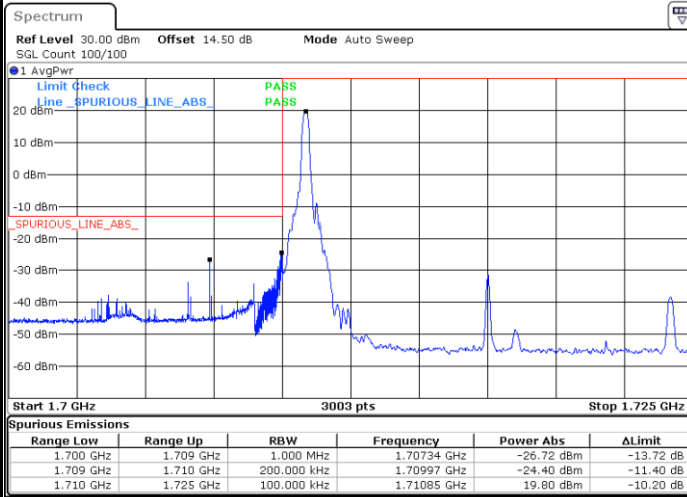


Date: 30.JAN.2024 23:57:44



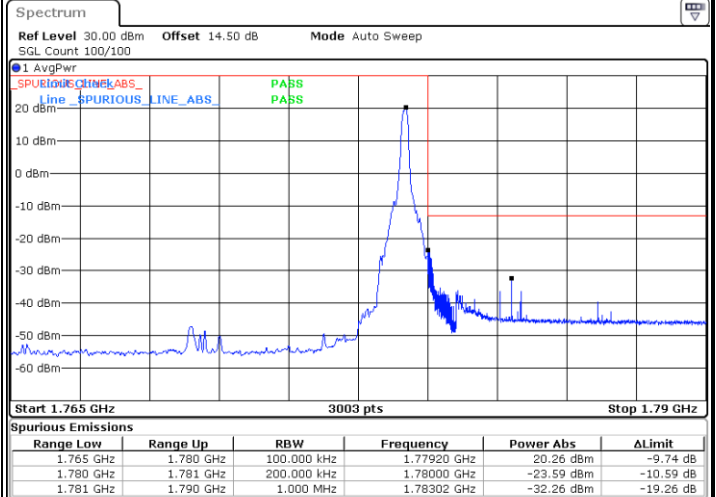
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



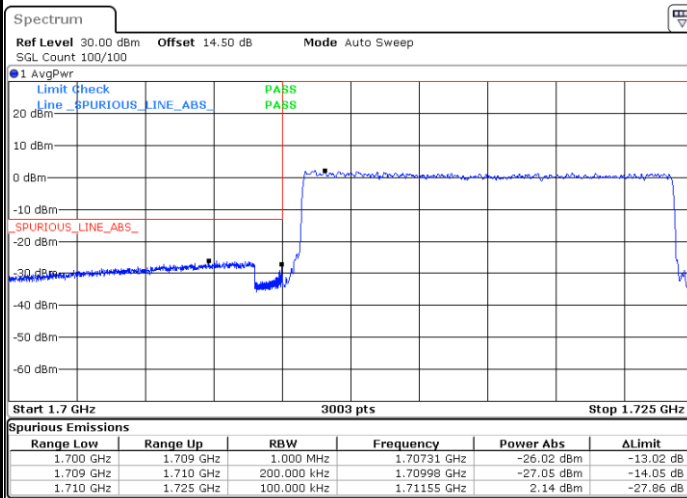
Date: 30.JAN.2024 23:27:45

Highest Band Edge / 1 RB



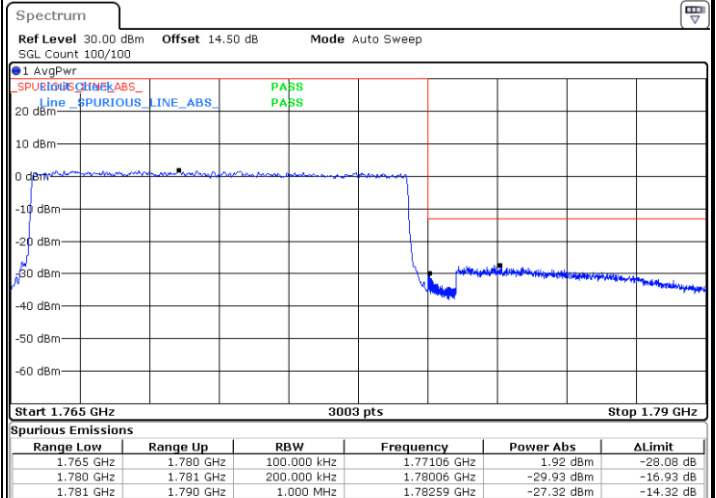
Date: 30.JAN.2024 23:55:35

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:31:00

Highest Band Edge / Full RB

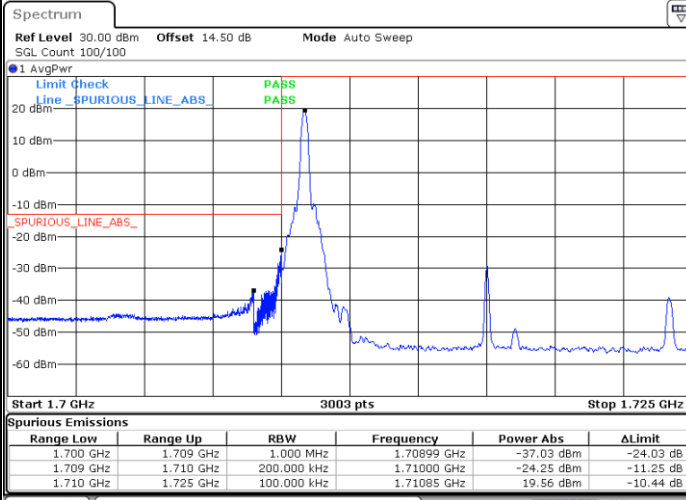


Date: 30.JAN.2024 23:58:49



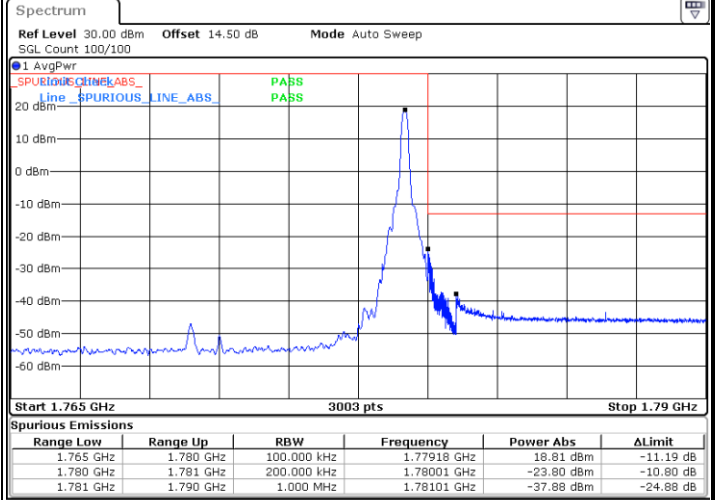
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



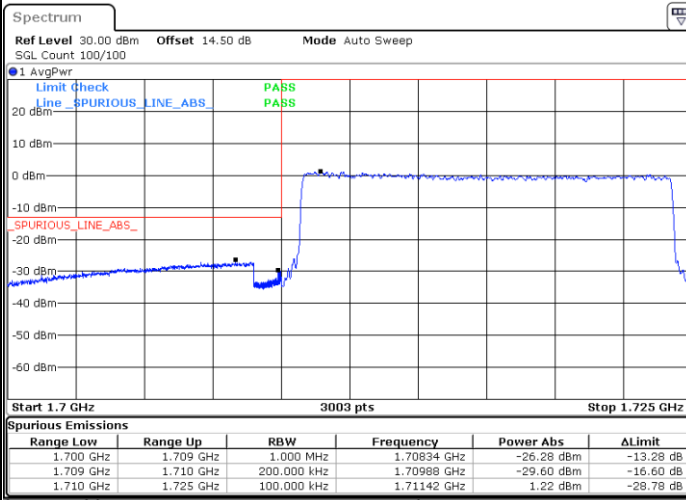
Date: 30.JAN.2024 23:28:50

Highest Band Edge / 1 RB



Date: 30.JAN.2024 23:56:39

Lowest Band Edge / Full RB



Date: 30.JAN.2024 23:32:04

Highest Band Edge / Full RB

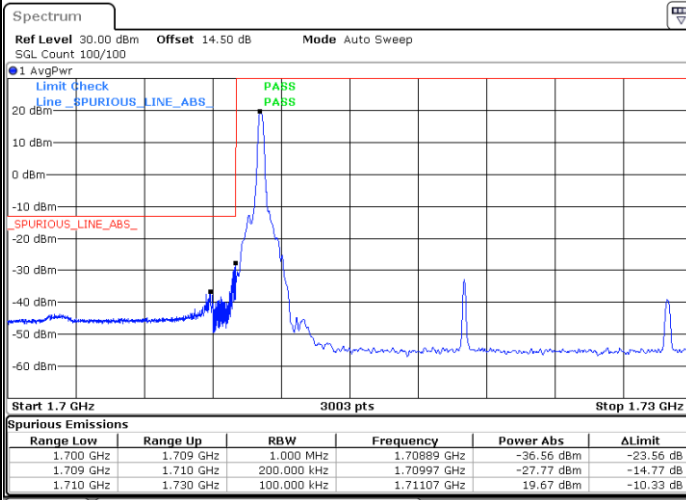


Date: 30.JAN.2024 23:59:53



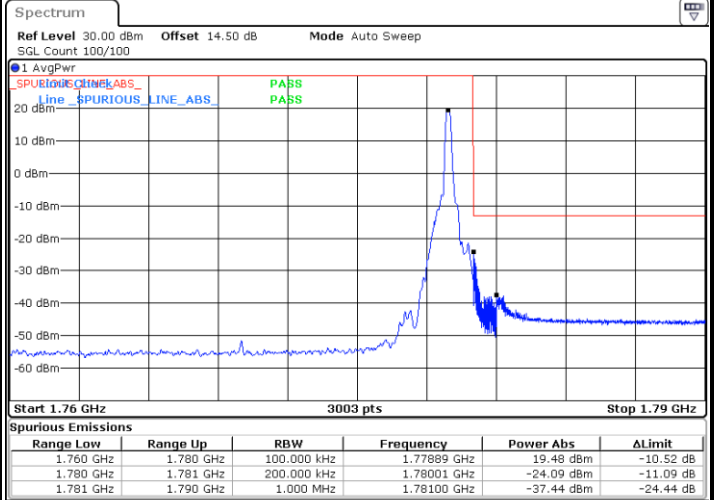
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



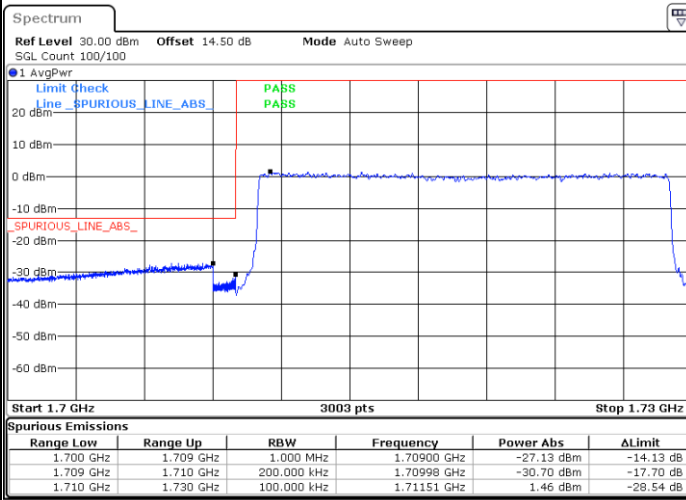
Date: 31.JAN.2024 00:02:17

Highest Band Edge / 1RB



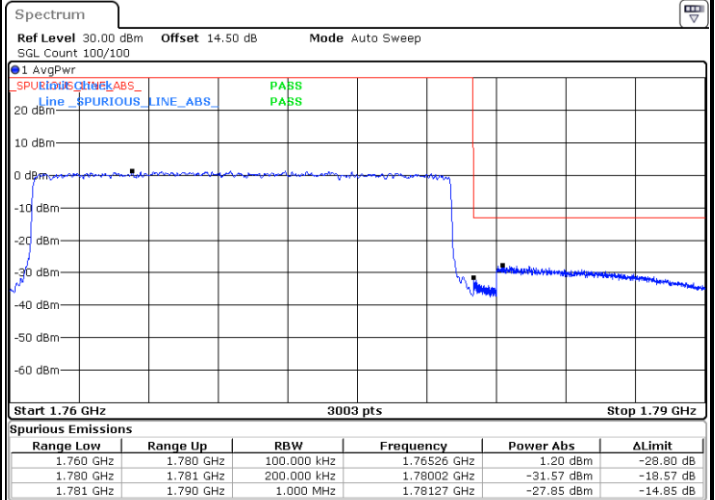
Date: 31.JAN.2024 00:14:11

Lowest Band Edge / Full RB



Date: 31.JAN.2024 00:05:31

Highest Band Edge / Full RB

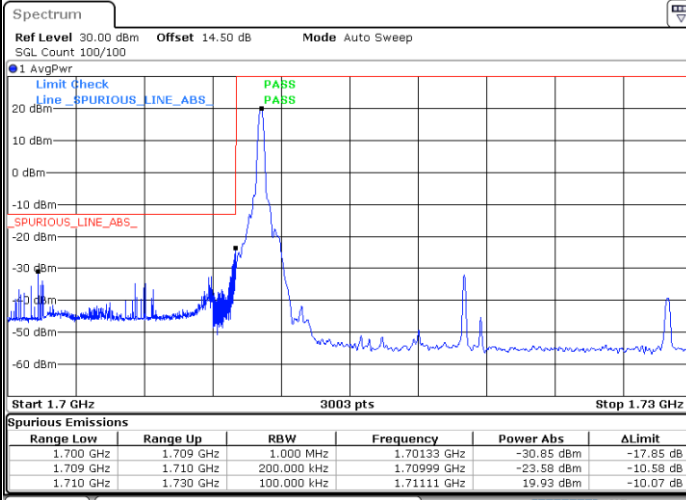


Date: 31.JAN.2024 00:17:25



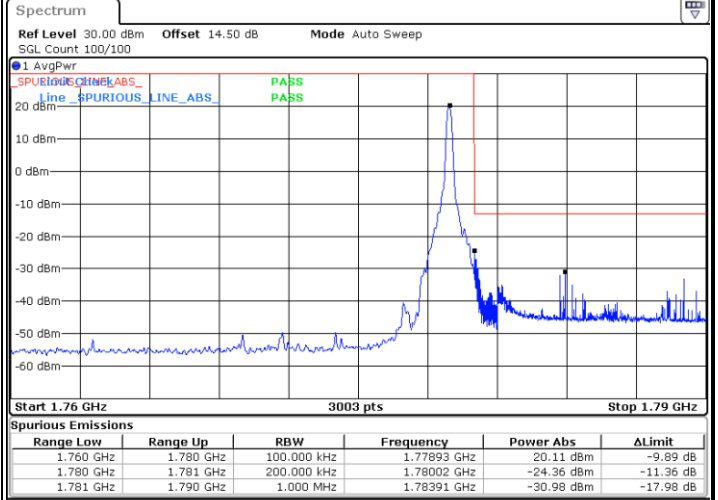
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



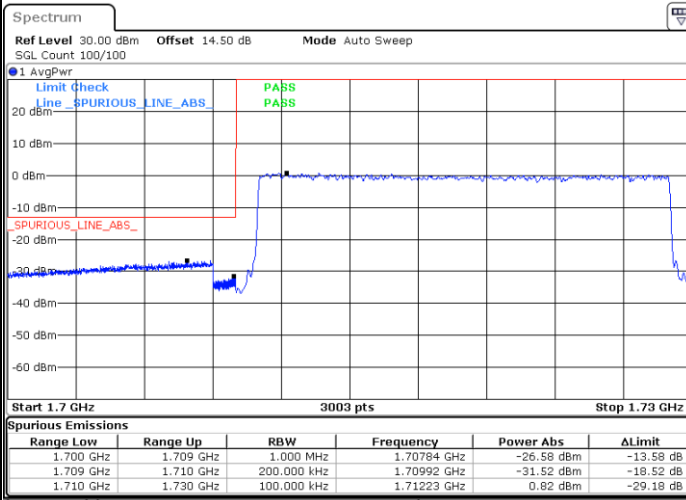
Date: 31.JAN.2024 00:03:22

Highest Band Edge / 1 RB



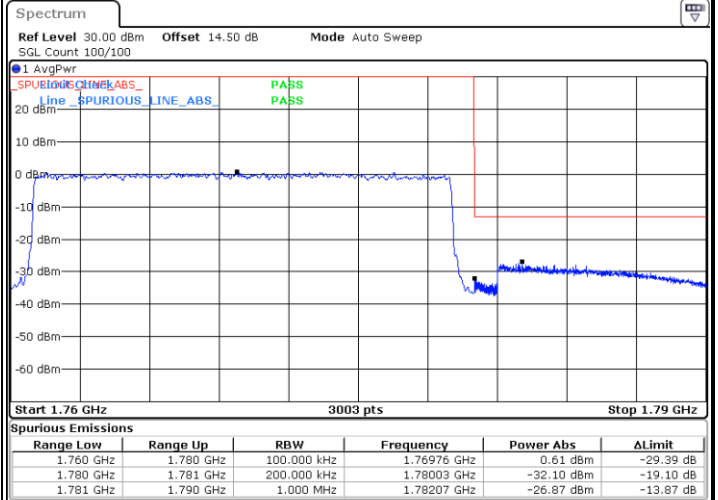
Date: 31.JAN.2024 00:15:16

Lowest Band Edge / Full RB



Date: 31.JAN.2024 00:06:36

Highest Band Edge / Full RB



Date: 31.JAN.2024 00:18:30