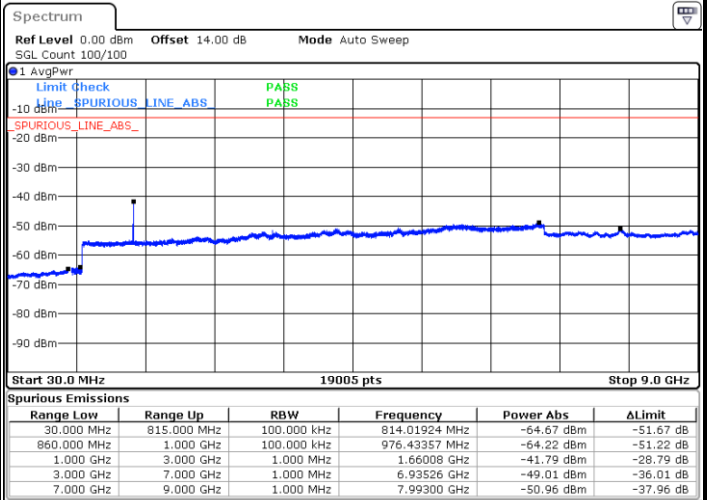
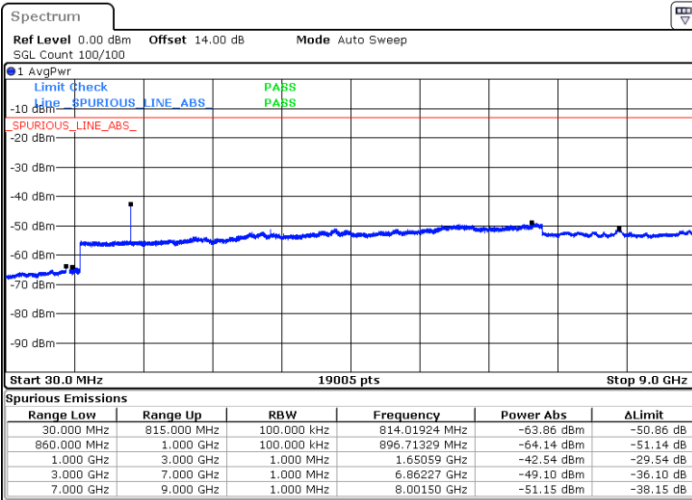




LTE Band 26

Lowest Channel / QPSK_15MHz

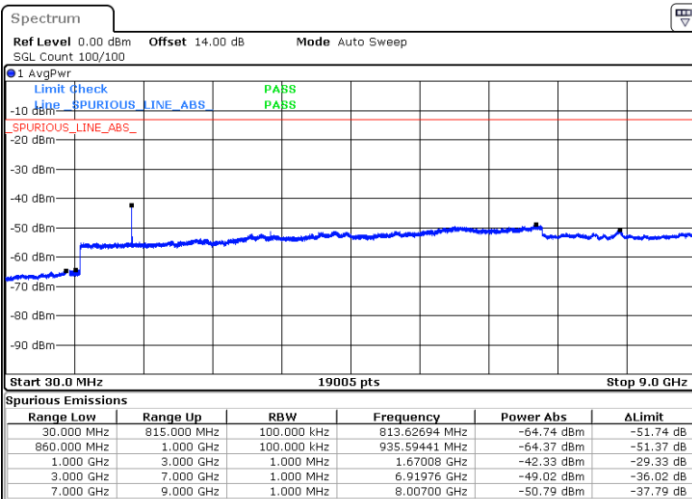
Middle Channel / QPSK_15MHz



Date: 19 JUN. 2023 03:04:54

Date: 19 JUN. 2023 03:06:27

Highest Channel / QPSK_15MHz



Date: 19 JUN. 2023 03:07:59



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

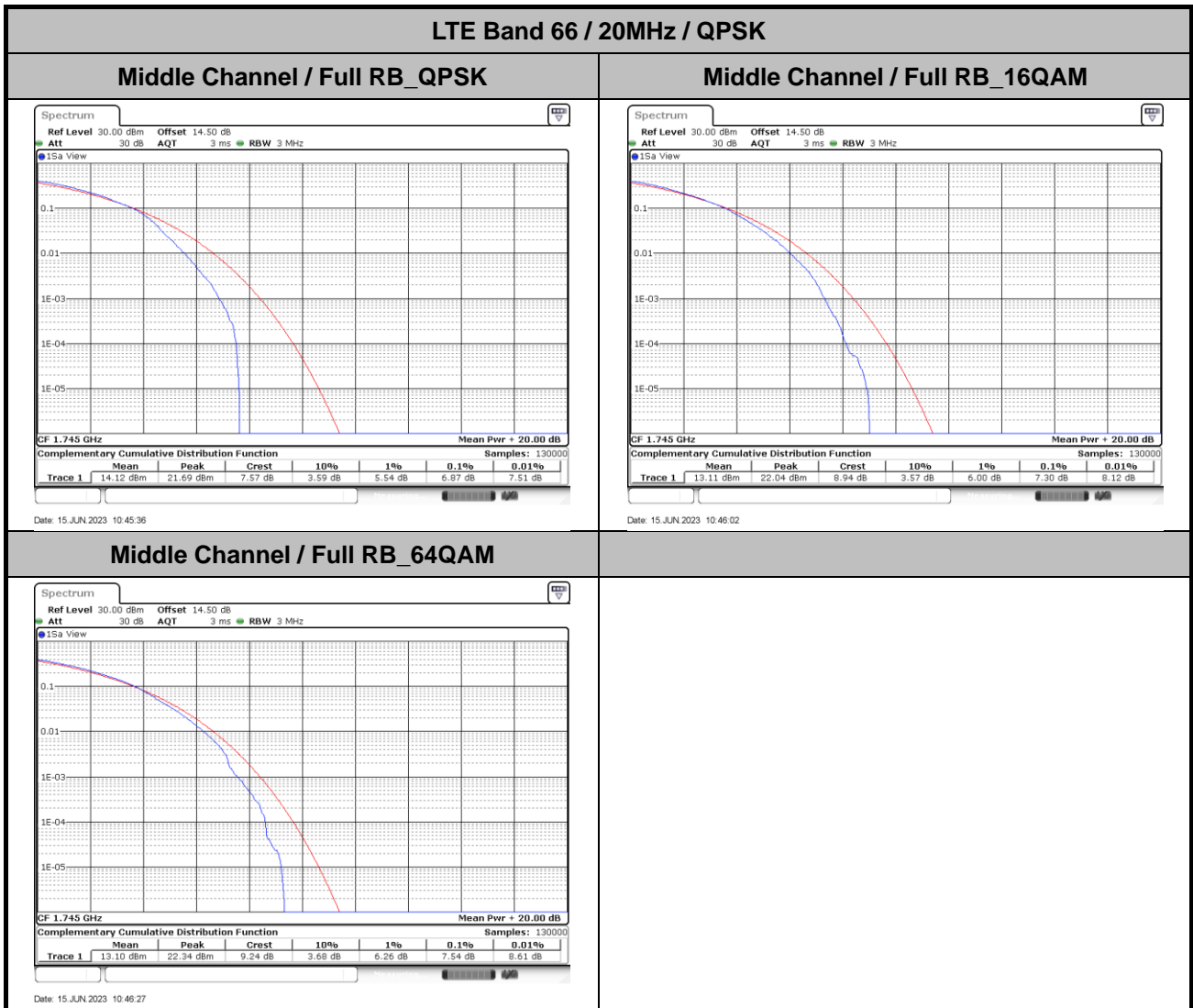
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.40 V. ; Maximum Voltage =4.50 V.



LTE Band 66

Peak-to-Average Ratio

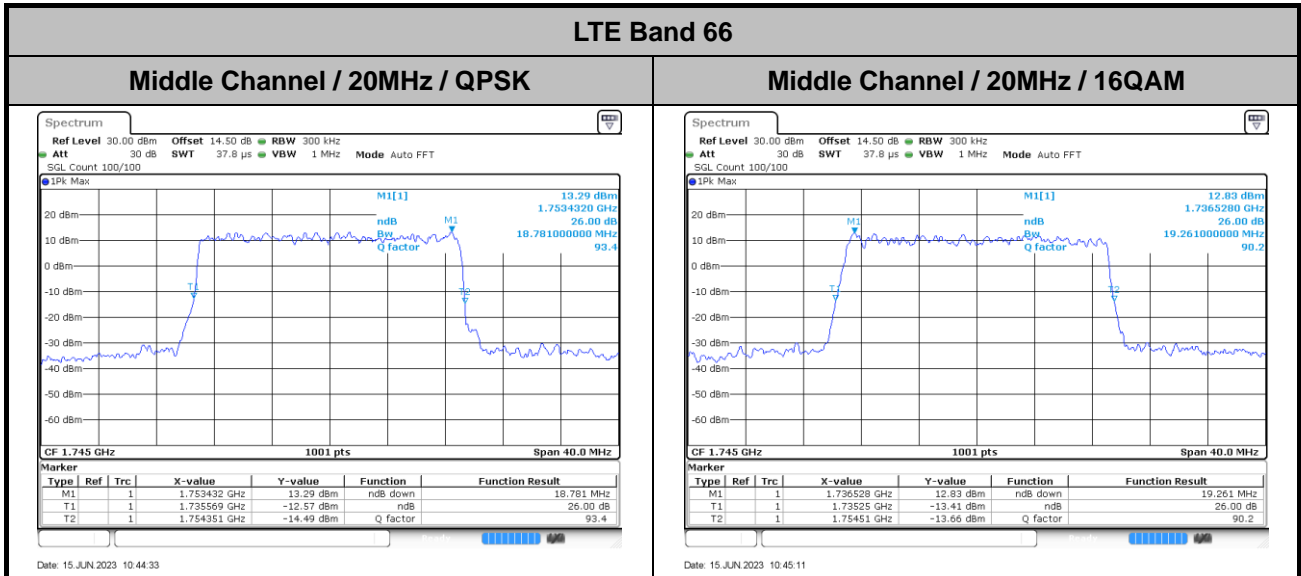
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.87	7.30	7.54	PASS





26dB Bandwidth

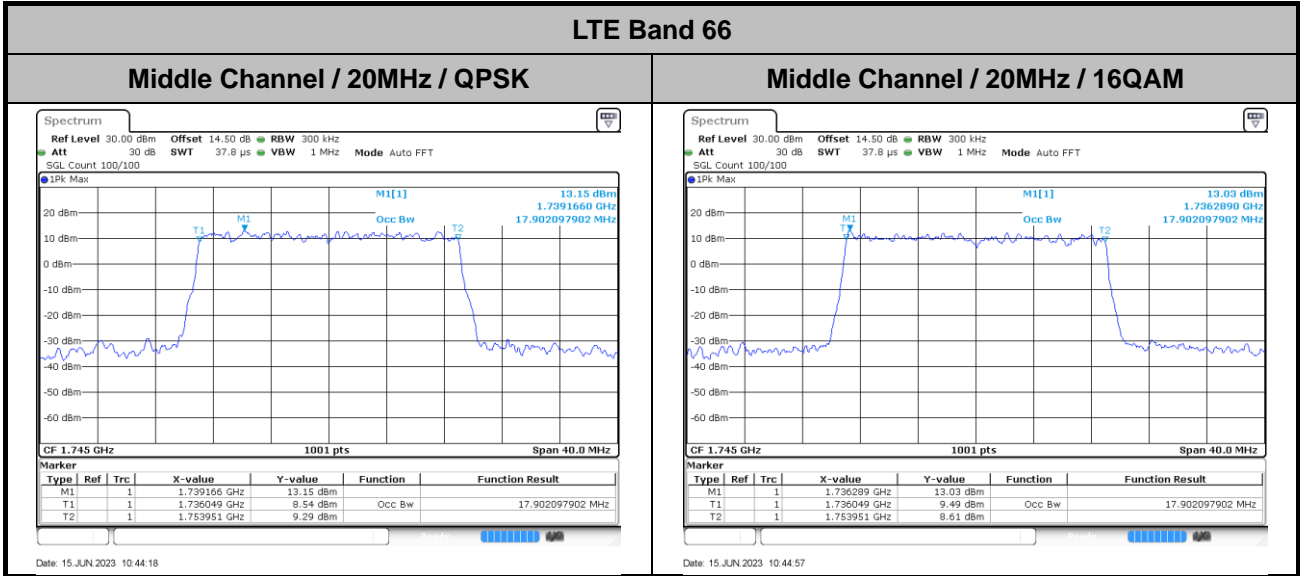
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.78	19.26





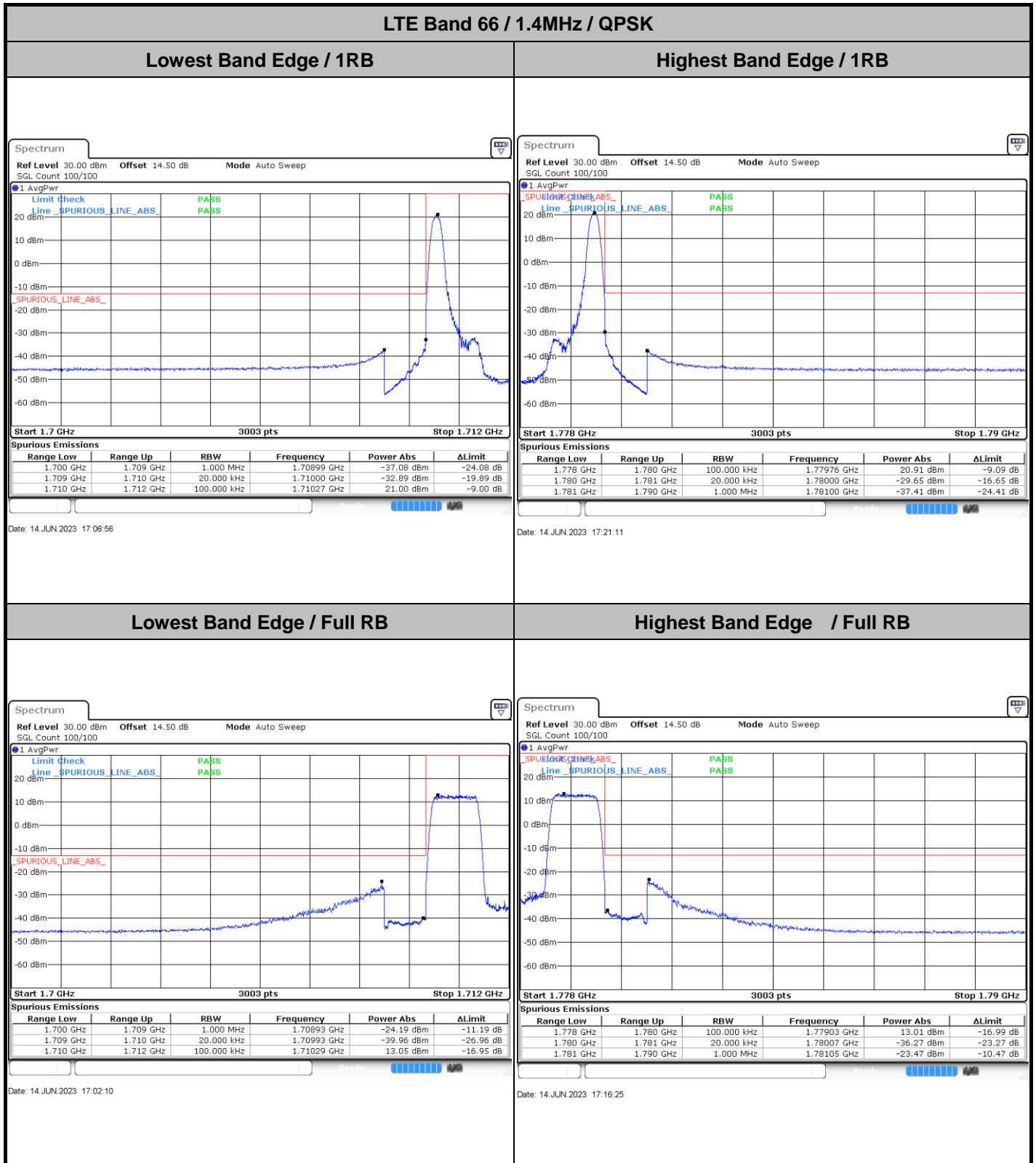
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.90





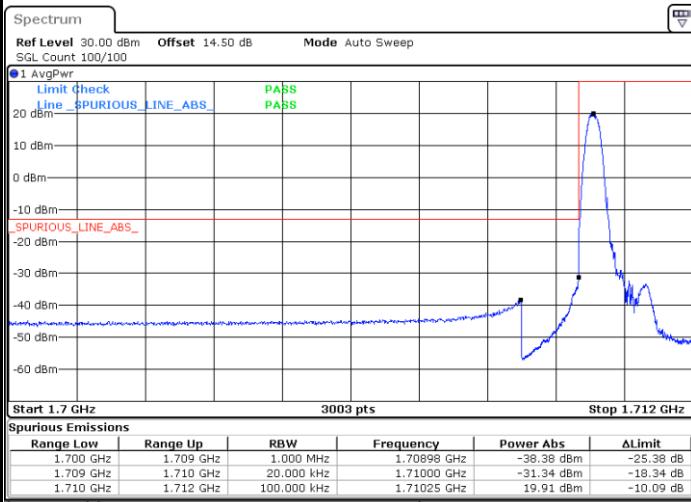
Conducted Band Edge





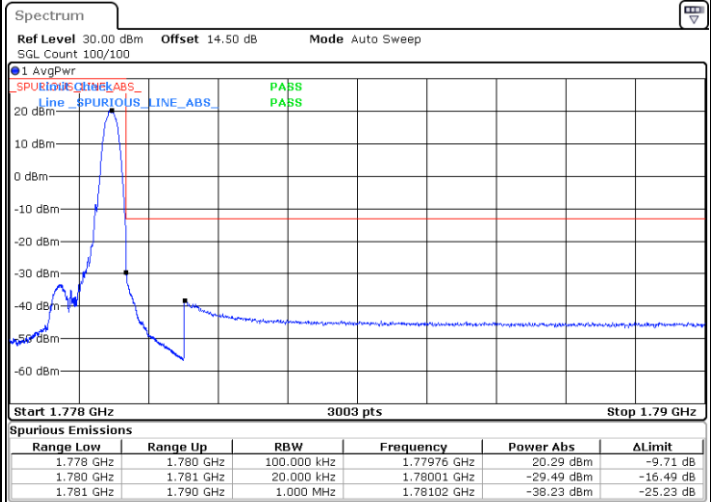
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



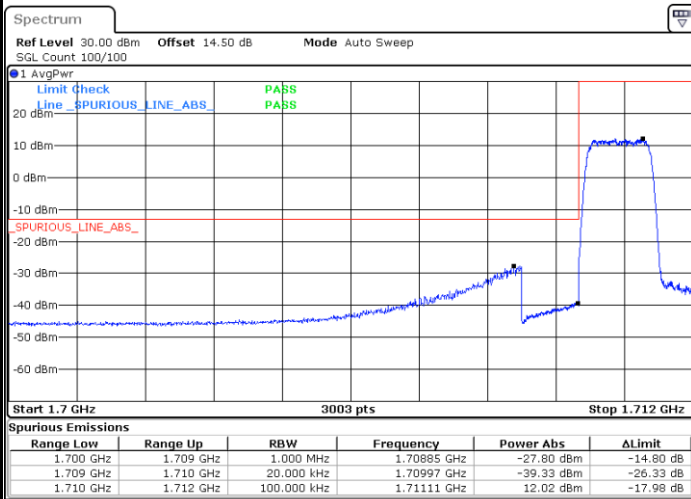
Date: 14 JUN 2023 17:08:30

Highest Band Edge / 1 RB



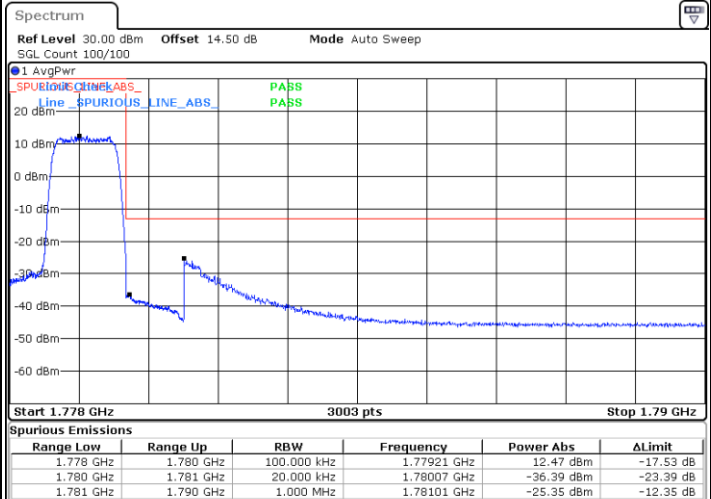
Date: 14 JUN 2023 17:22:45

Lowest Band Edge / Full RB



Date: 14 JUN 2023 17:03:45

Highest Band Edge / Full RB

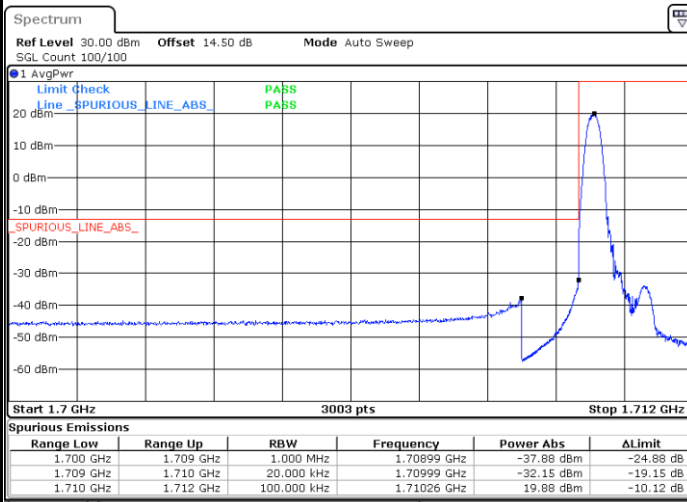


Date: 14 JUN 2023 17:18:01



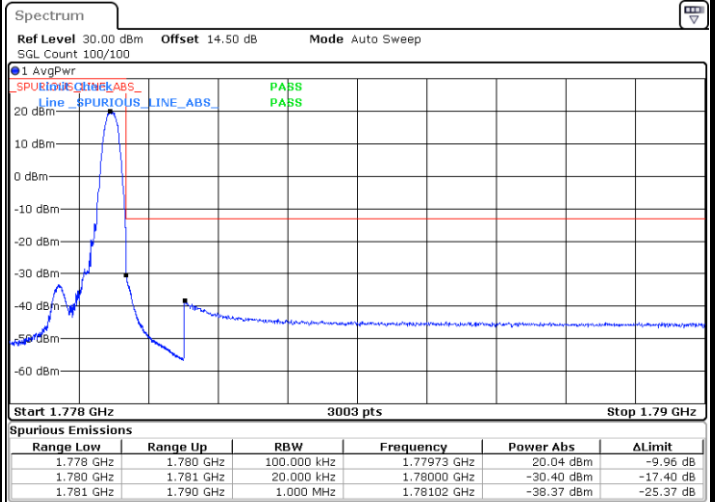
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



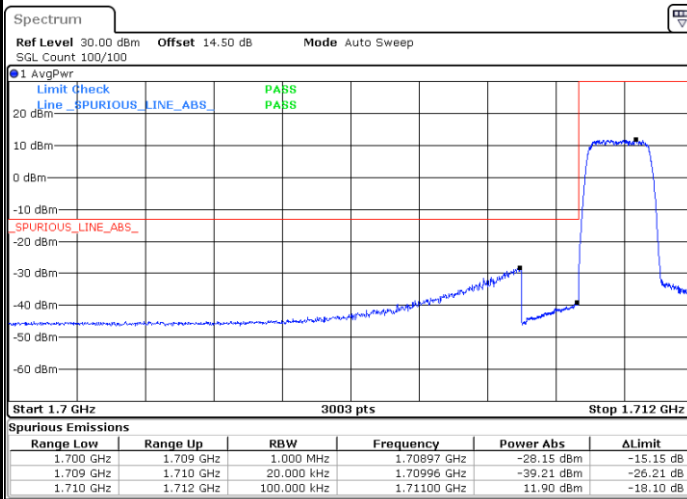
Date: 14 JUN 2023 17:10:04

Highest Band Edge / 1 RB



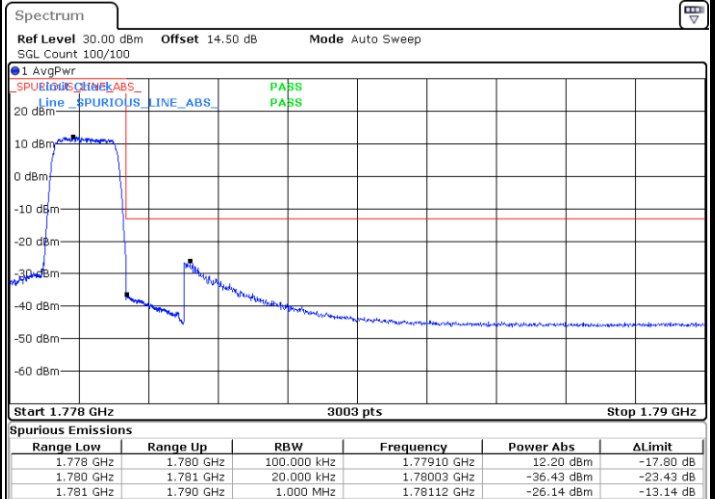
Date: 14 JUN 2023 17:24:19

Lowest Band Edge / Full RB



Date: 14 JUN 2023 17:05:20

Highest Band Edge / Full RB

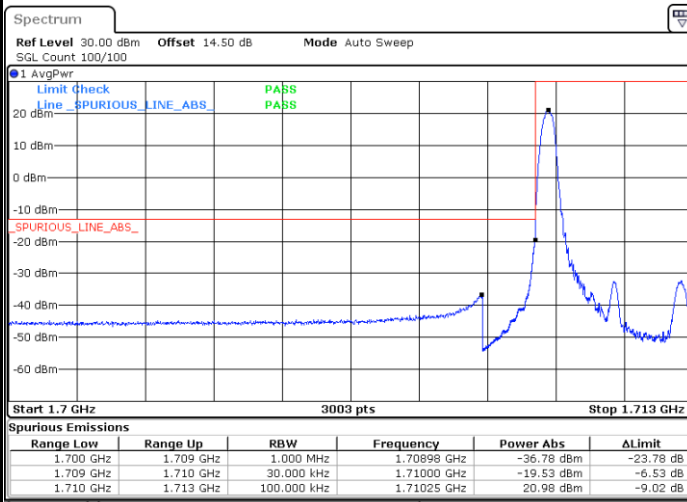


Date: 14 JUN 2023 17:19:36



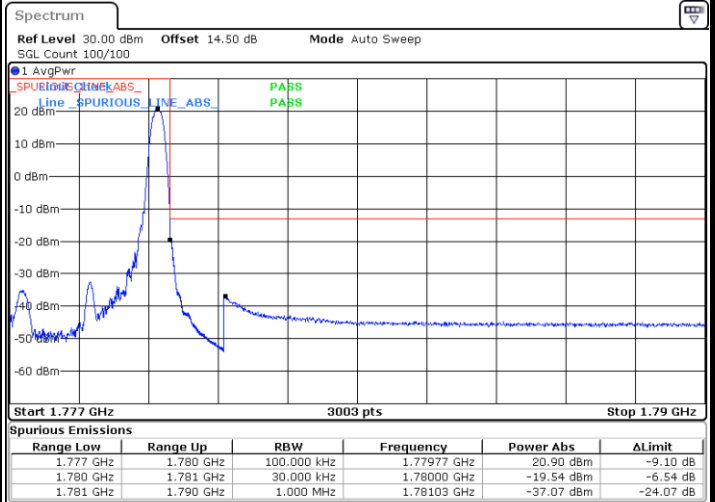
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



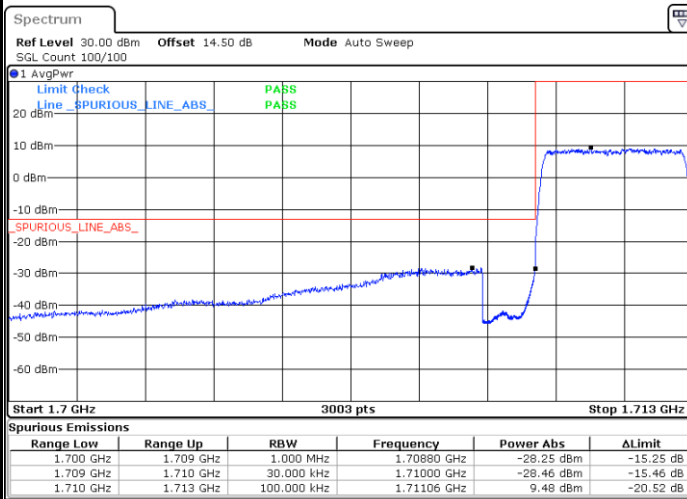
Date: 14 JUN 2023 17:30:38

Highest Band Edge / 1 RB



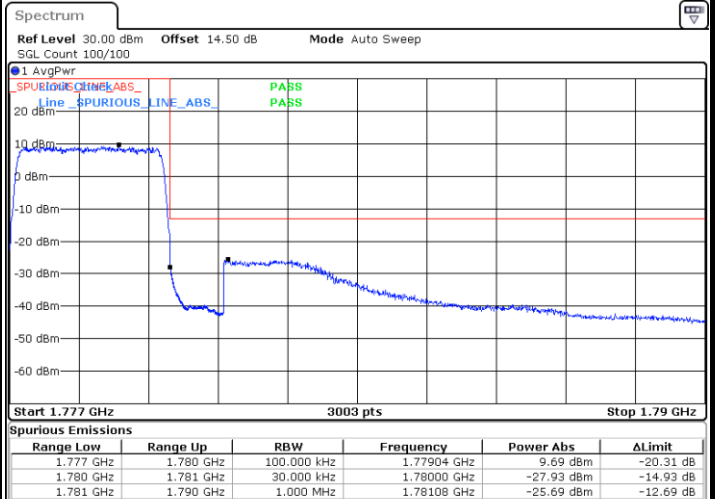
Date: 14 JUN 2023 17:44:55

Lowest Band Edge / Full RB



Date: 14 JUN 2023 17:25:55

Highest Band Edge / Full RB

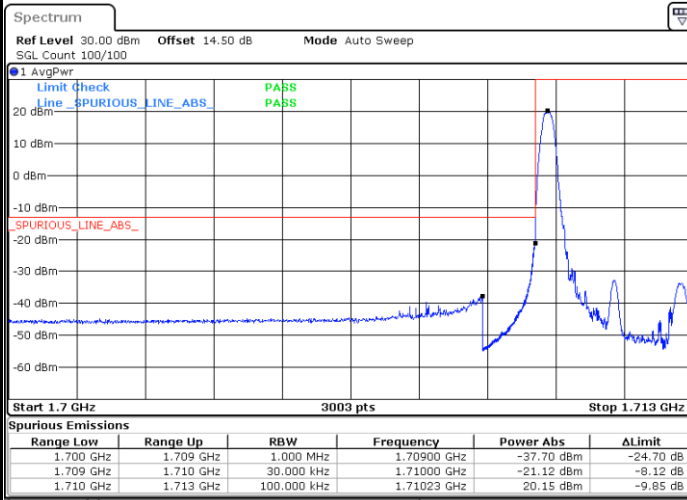


Date: 14 JUN 2023 17:40:10



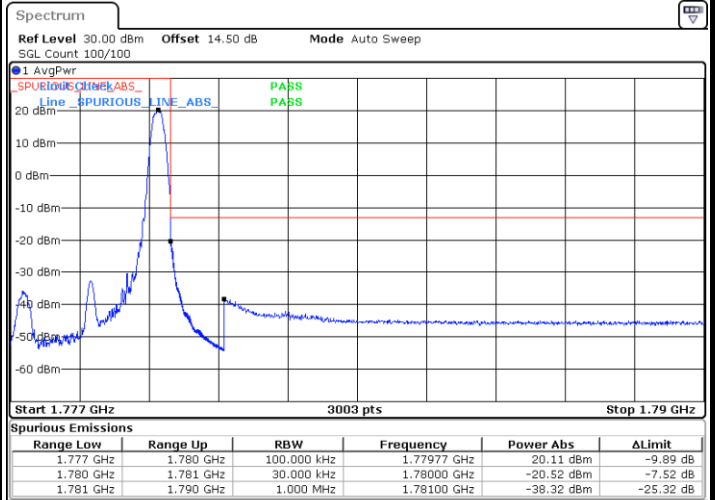
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



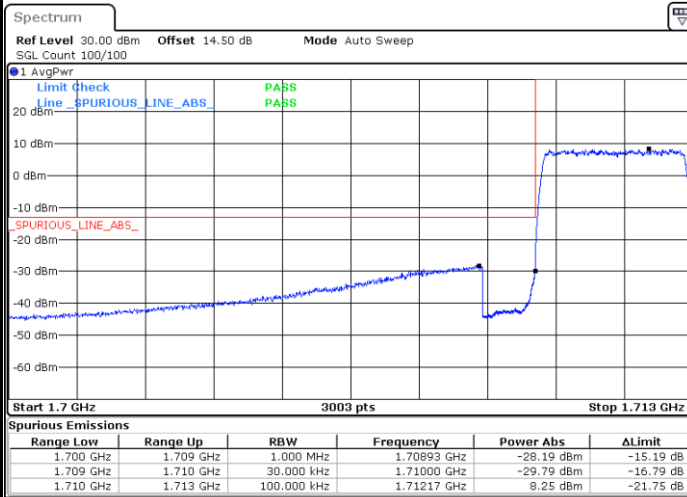
Date: 14 JUN 2023 17:32:12

Highest Band Edge / 1 RB



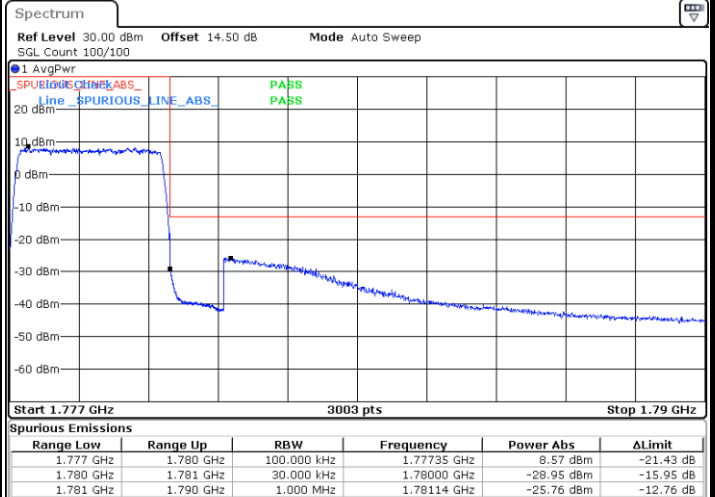
Date: 14 JUN 2023 17:46:38

Lowest Band Edge / Full RB



Date: 14 JUN 2023 17:27:29

Highest Band Edge / Full RB

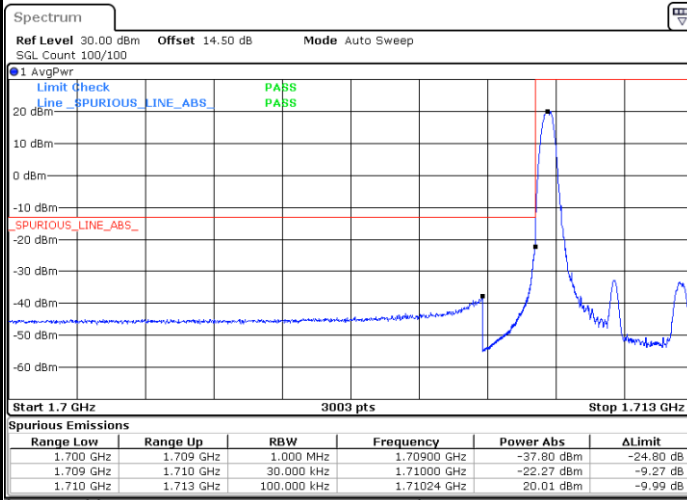


Date: 14 JUN 2023 17:41:44



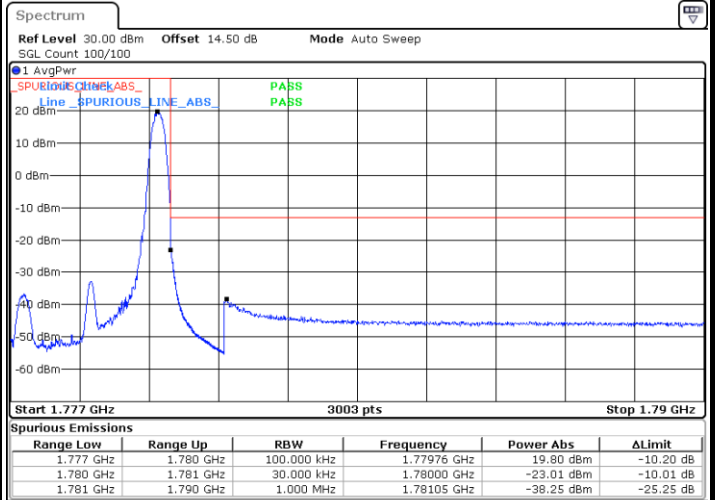
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



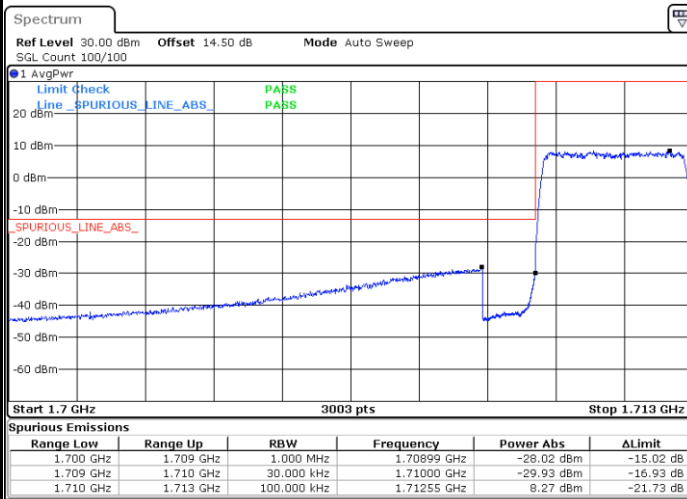
Date: 14 JUN 2023 17:33:46

Highest Band Edge / 1 RB



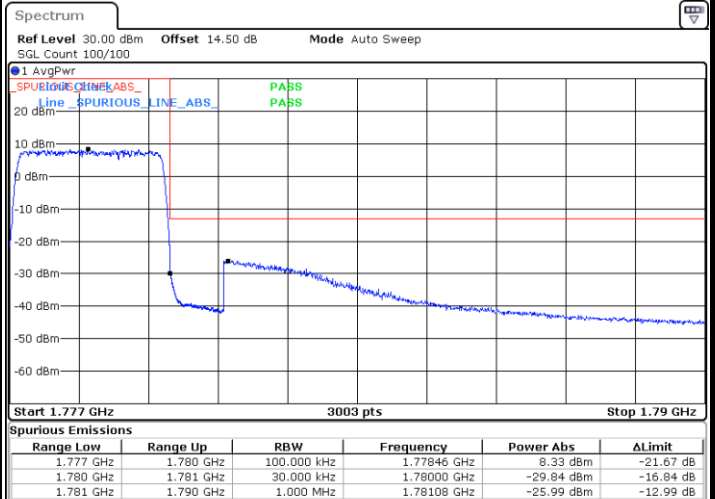
Date: 30 JUN 2023 10:04:11

Lowest Band Edge / Full RB



Date: 14 JUN 2023 17:29:03

Highest Band Edge / Full RB

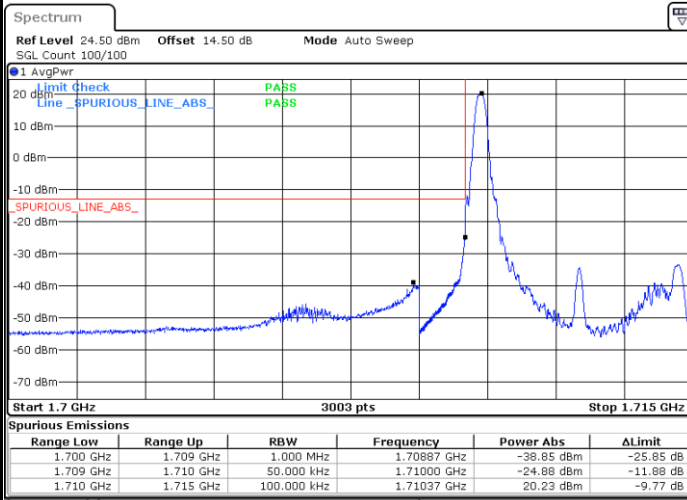


Date: 14 JUN 2023 17:43:19



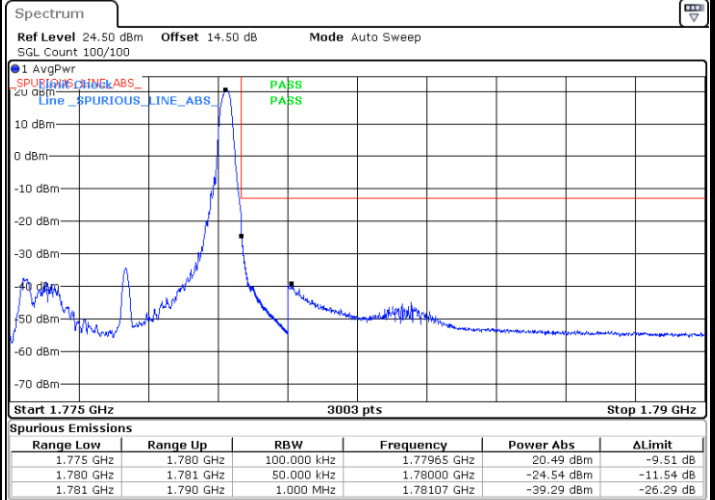
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



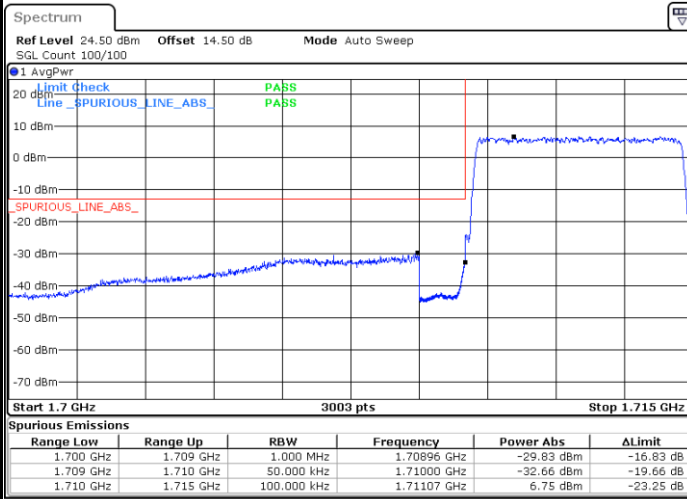
Date: 15 JUN 2023 09:44:37

Highest Band Edge / 1 RB



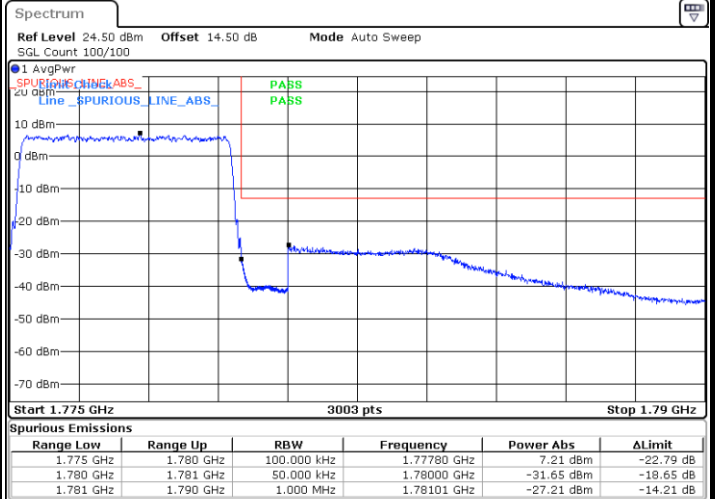
Date: 15 JUN 2023 09:54:50

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:41:51

Highest Band Edge / Full RB

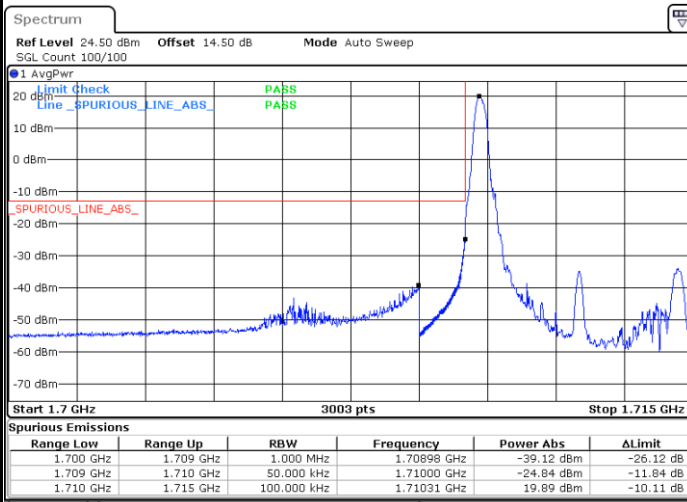


Date: 15 JUN 2023 09:52:08



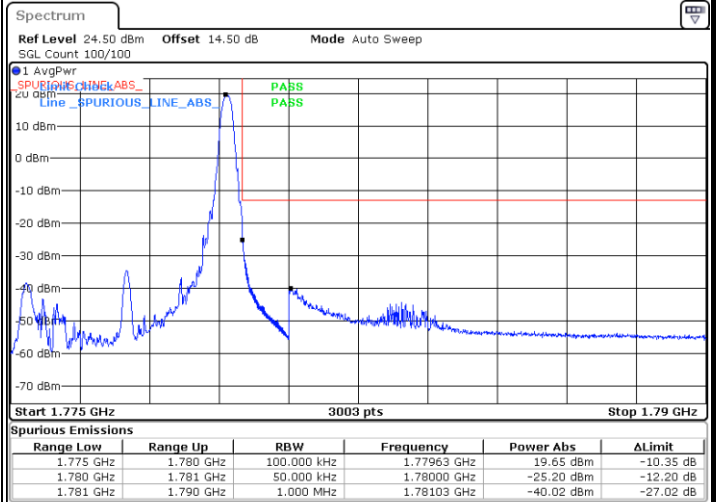
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



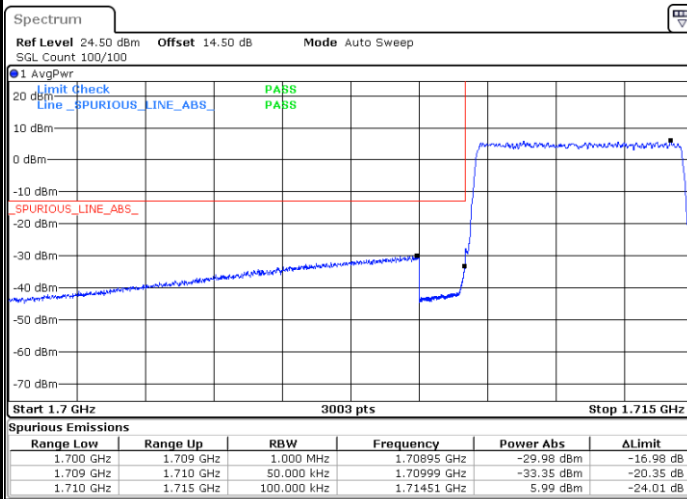
Date: 15 JUN 2023 09:45:30

Highest Band Edge / 1 RB



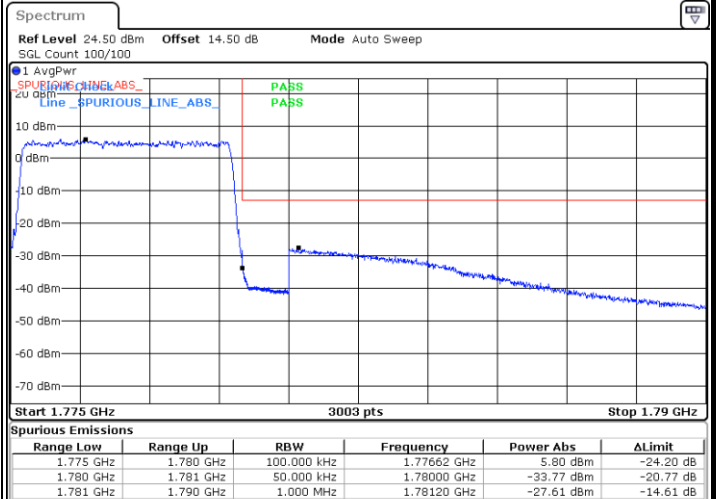
Date: 15 JUN 2023 09:55:46

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:42:47

Highest Band Edge / Full RB

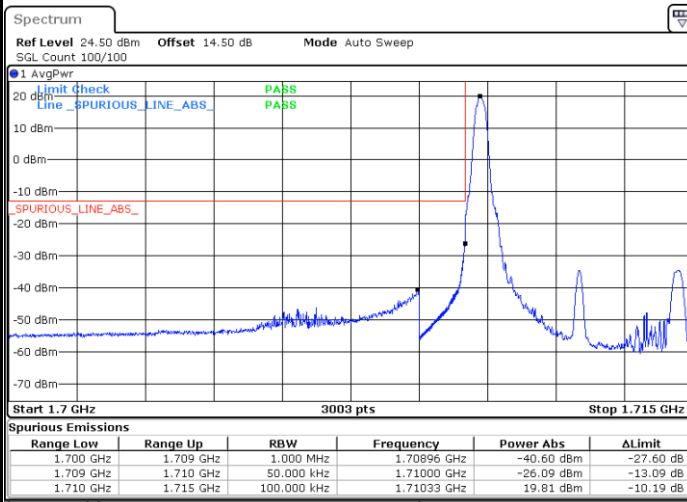


Date: 15 JUN 2023 09:53:02



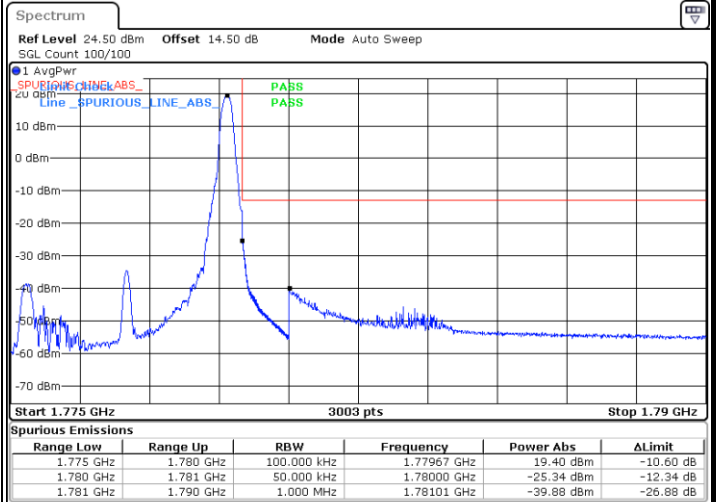
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



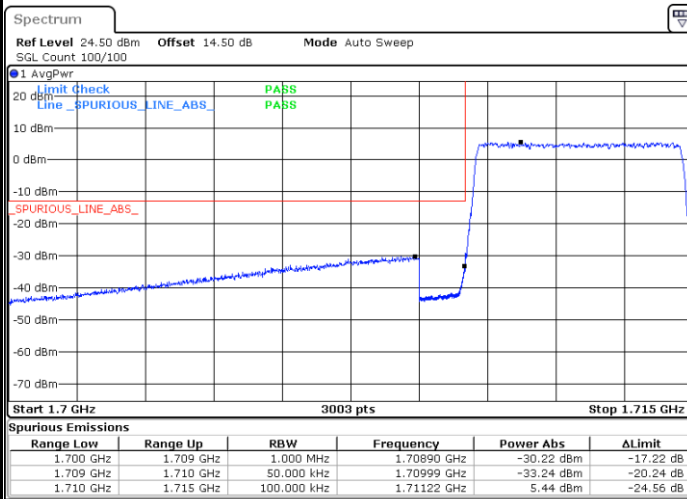
Date: 15 JUN 2023 09:46:25

Highest Band Edge / 1 RB



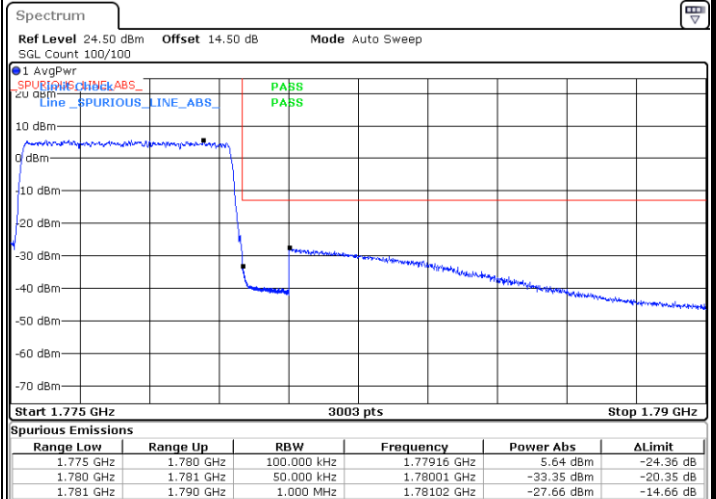
Date: 15 JUN 2023 09:56:40

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:43:42

Highest Band Edge / Full RB

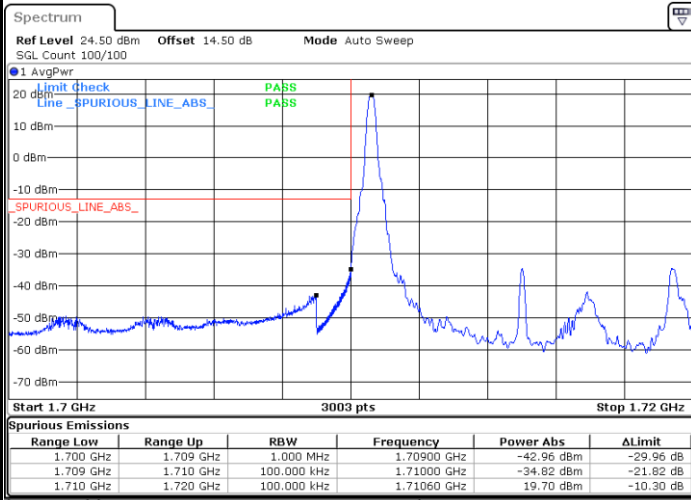


Date: 15 JUN 2023 09:53:56



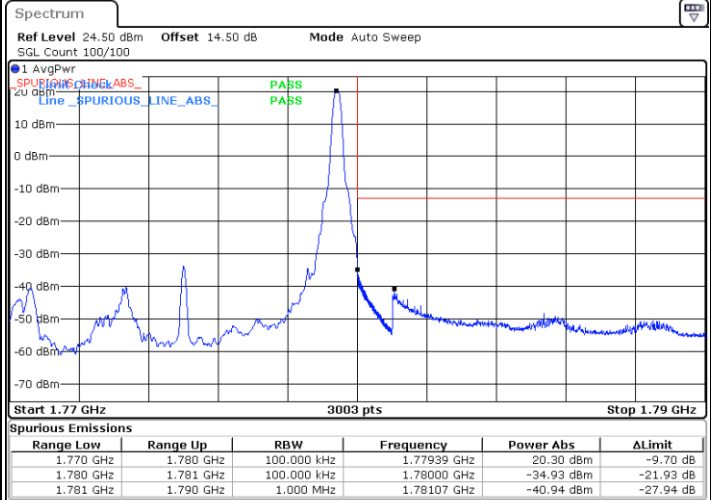
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



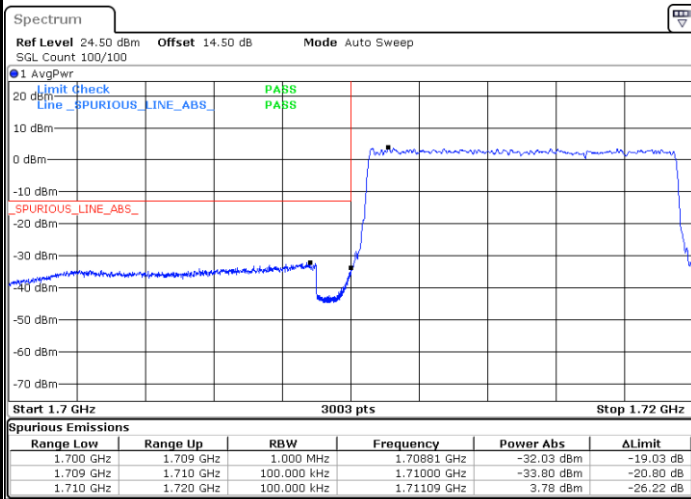
Date: 15 JUN 2023 10:00:20

Highest Band Edge / 1 RB



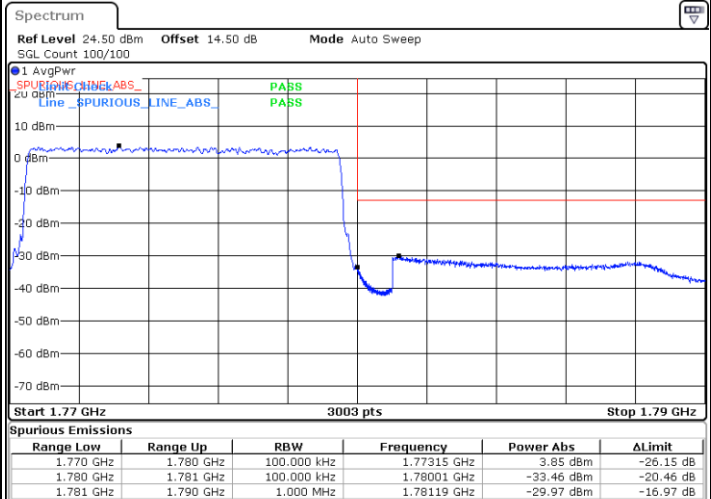
Date: 15 JUN 2023 10:10:37

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:57:35

Highest Band Edge / Full RB

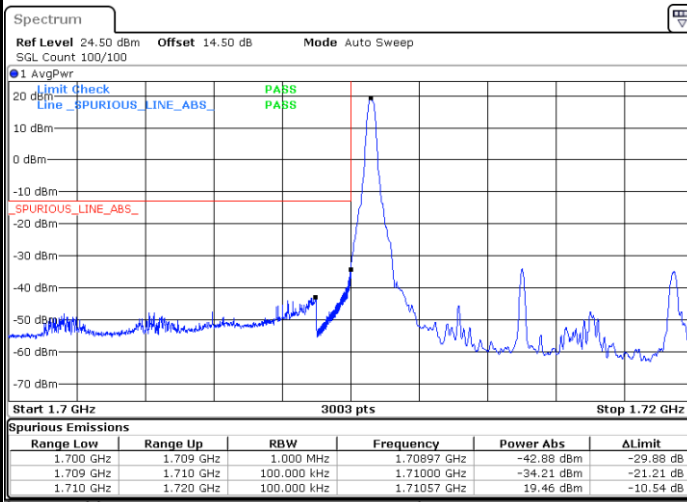


Date: 15 JUN 2023 10:07:52



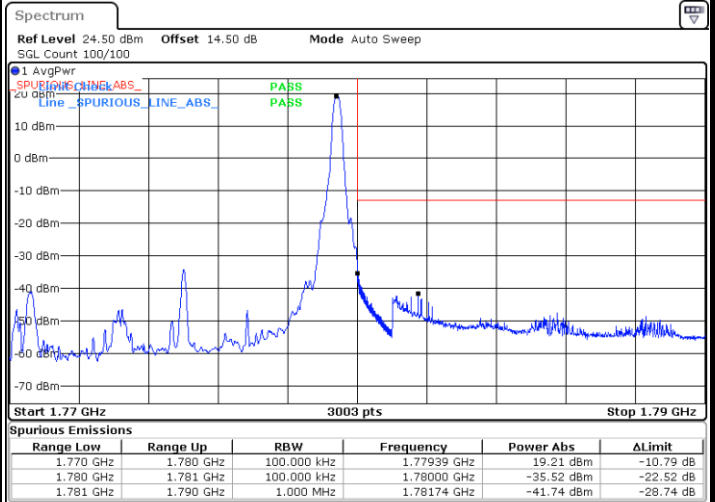
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



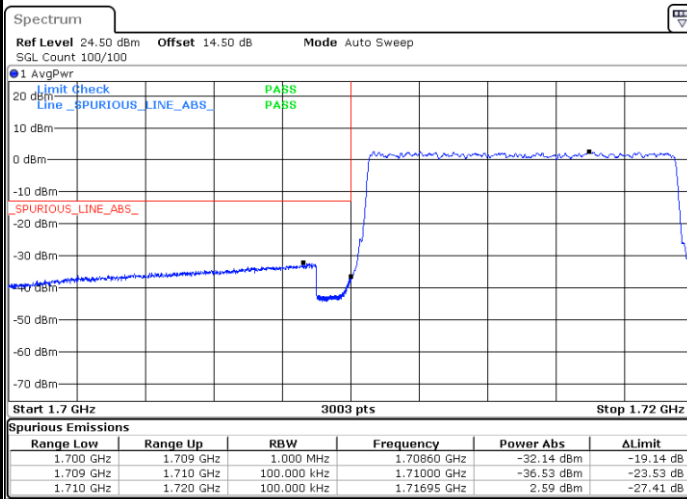
Date: 15 JUN 2023 10:01:14

Highest Band Edge / 1 RB



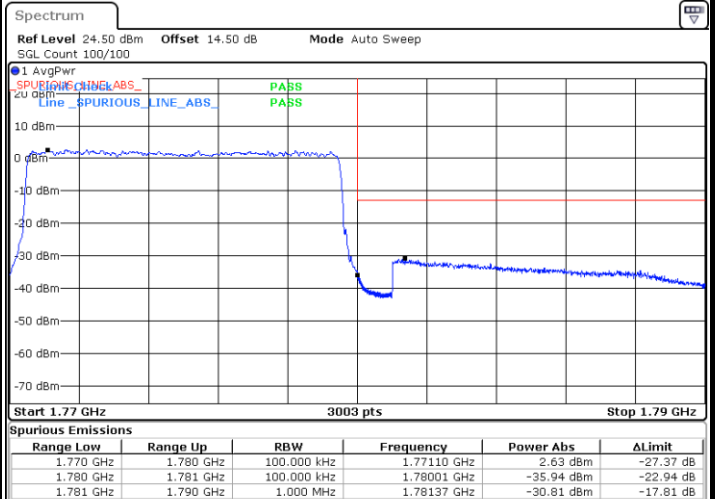
Date: 15 JUN 2023 10:11:31

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:58:30

Highest Band Edge / Full RB

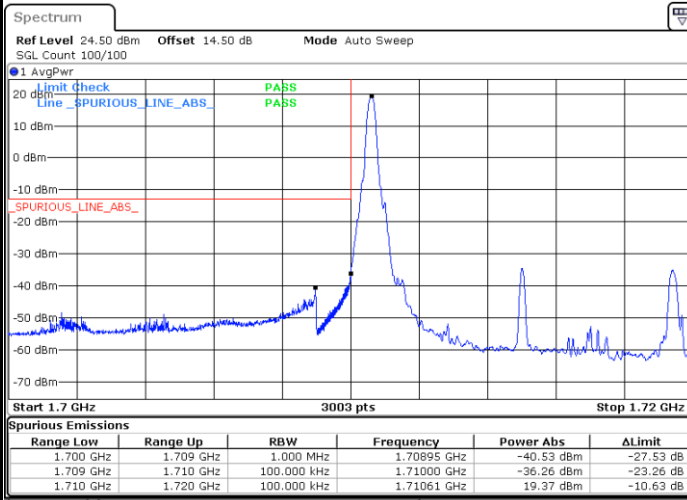


Date: 15 JUN 2023 10:08:46



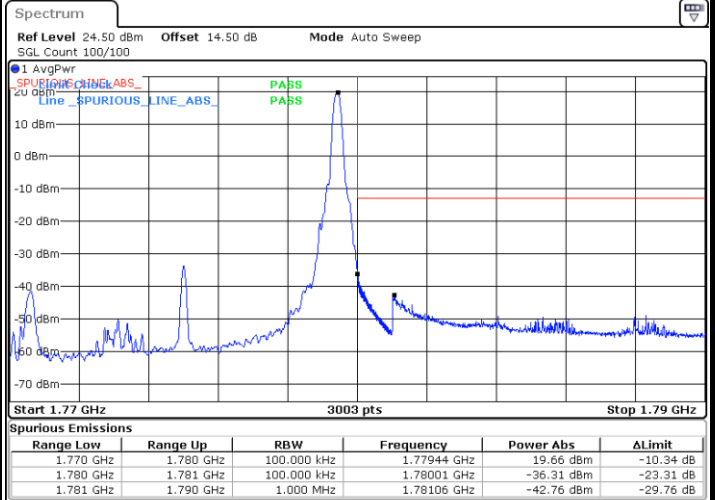
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



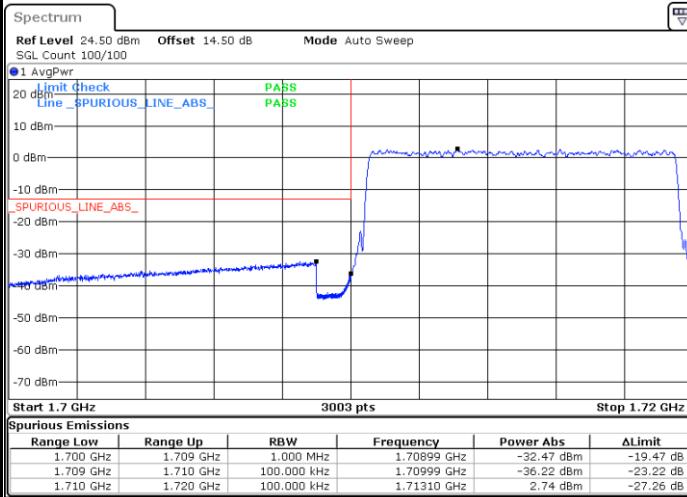
Date: 15 JUN 2023 10:02:09

Highest Band Edge / 1 RB



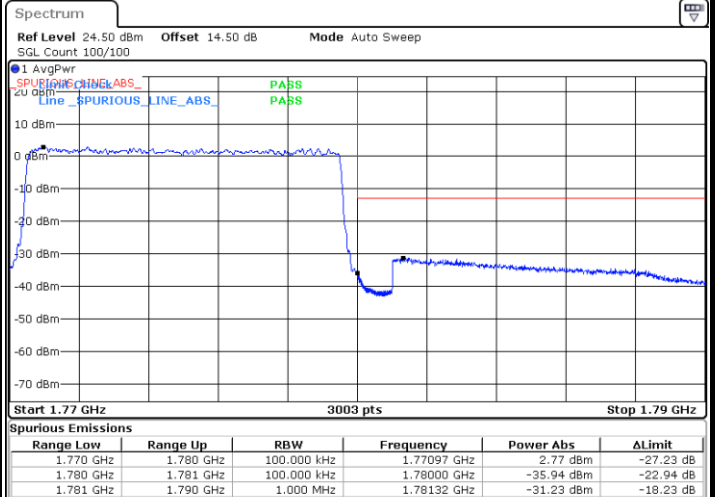
Date: 15 JUN 2023 10:12:25

Lowest Band Edge / Full RB



Date: 15 JUN 2023 09:59:25

Highest Band Edge / Full RB

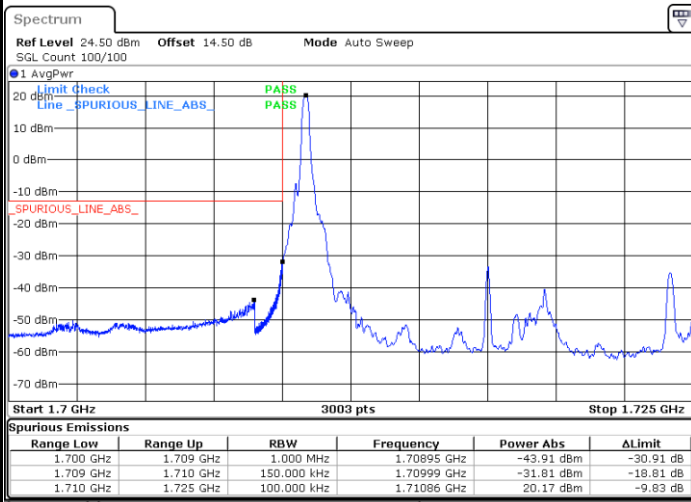


Date: 15 JUN 2023 10:09:41



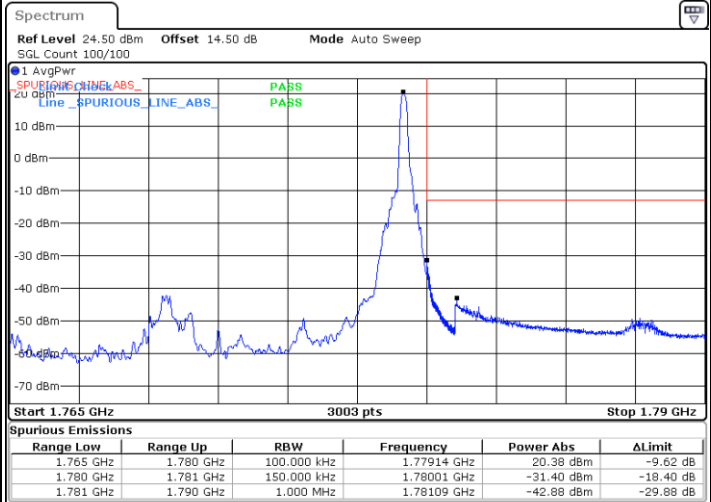
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



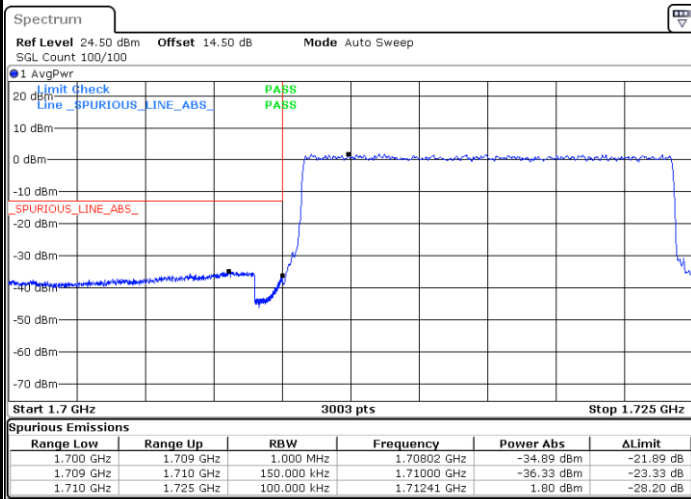
Date: 15 JUN 2023 10:16:02

Highest Band Edge / 1 RB



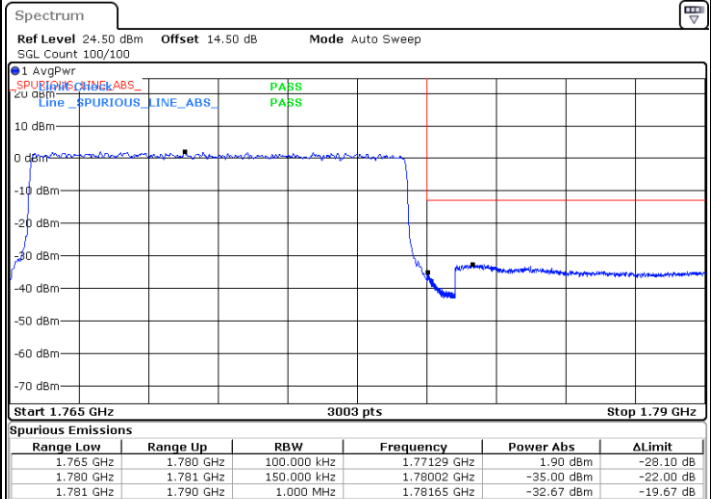
Date: 15 JUN 2023 10:26:20

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:13:20

Highest Band Edge / Full RB

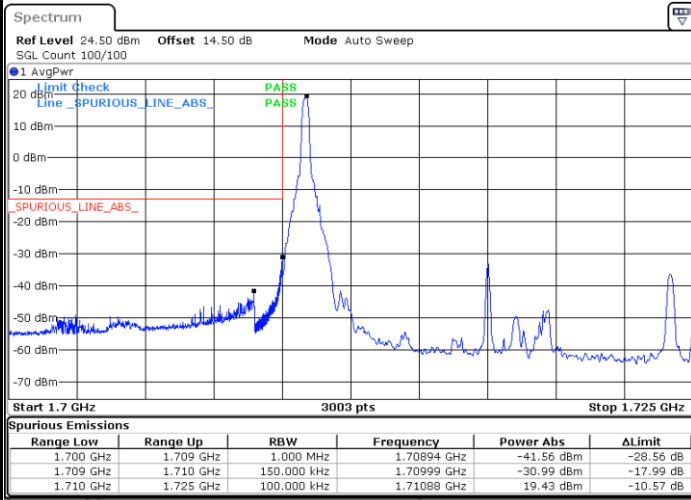


Date: 15 JUN 2023 10:23:34



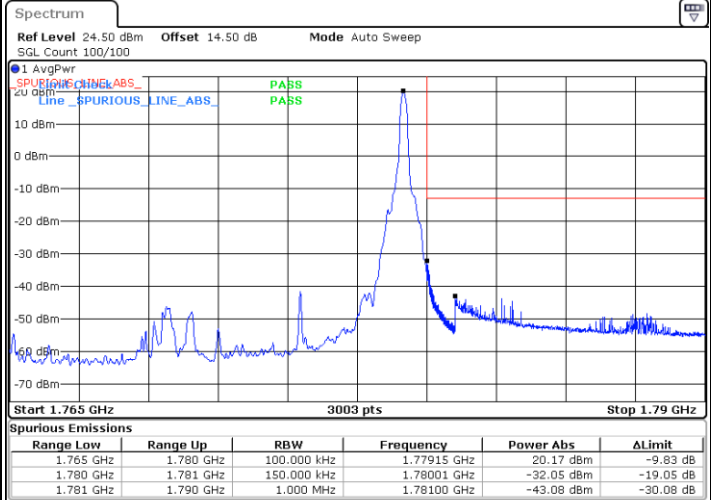
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



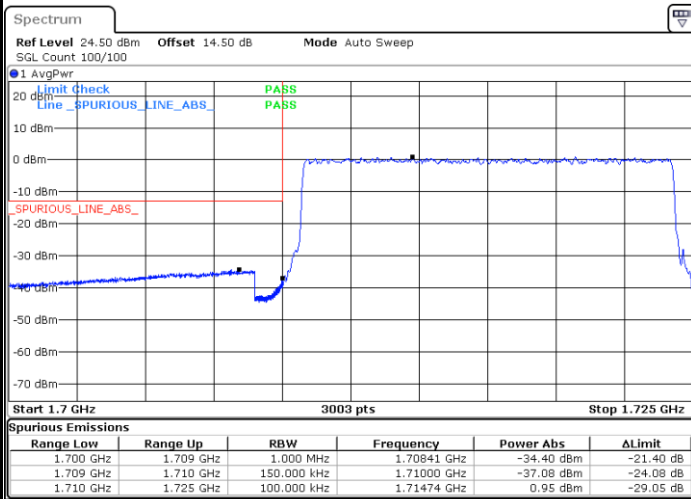
Date: 15 JUN 2023 10:16:57

Highest Band Edge / 1 RB



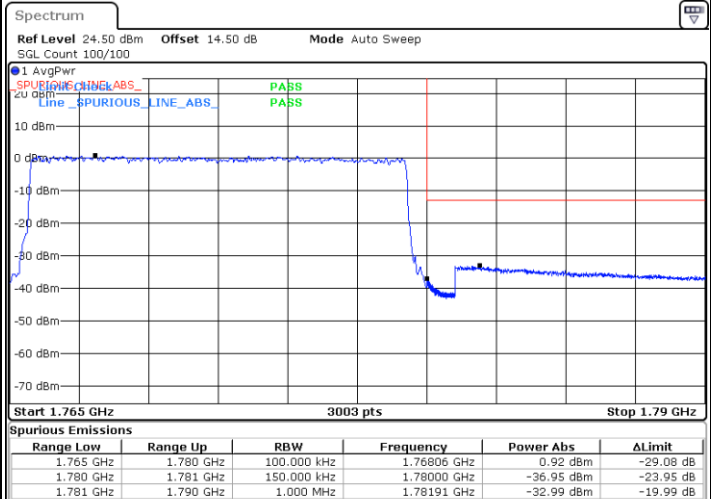
Date: 15 JUN 2023 10:27:14

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:14:14

Highest Band Edge / Full RB

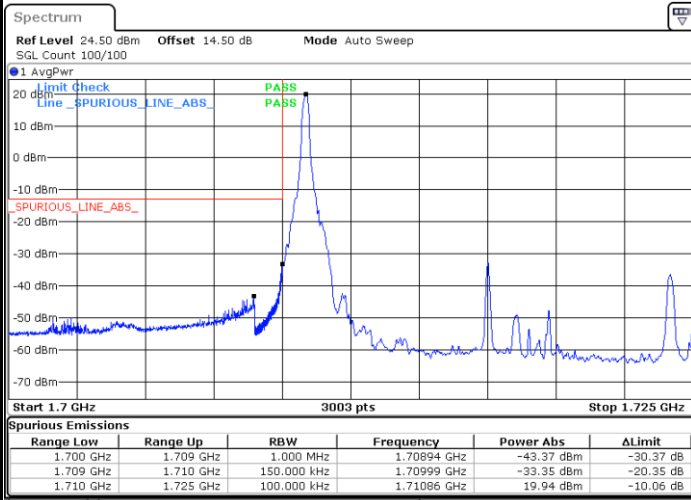


Date: 15 JUN 2023 10:24:29



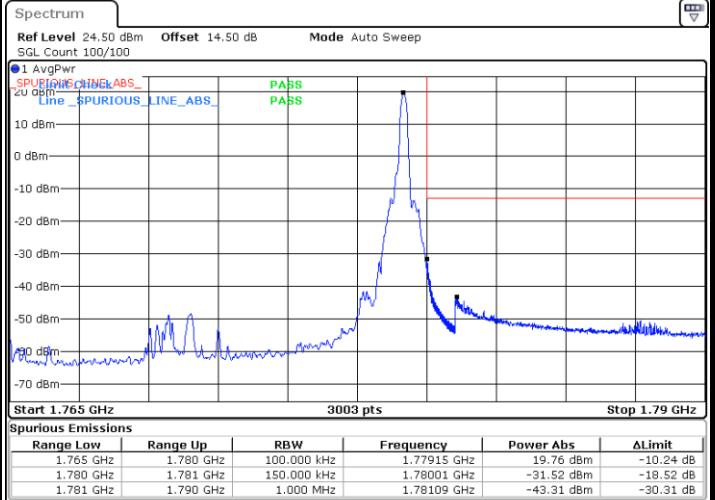
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



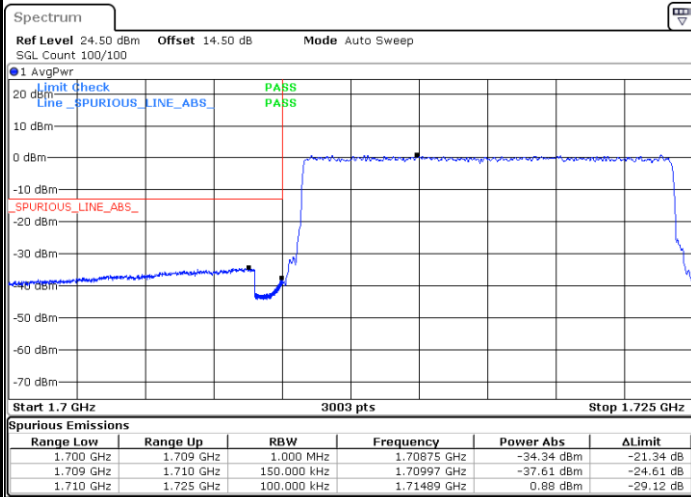
Date: 15 JUN 2023 10:17:51

Highest Band Edge / 1 RB



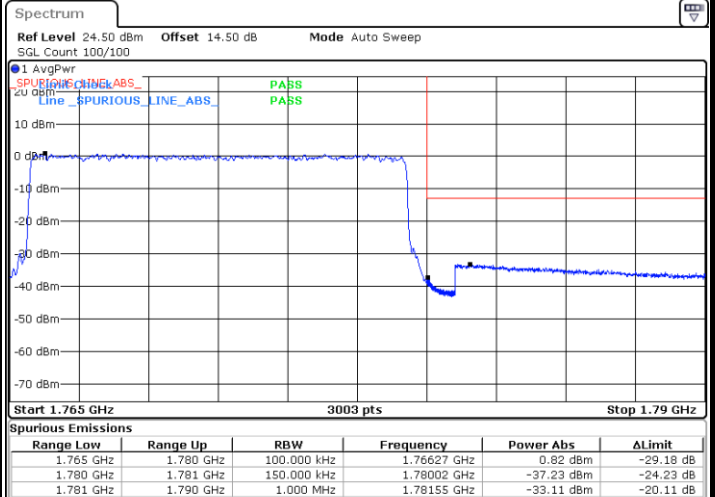
Date: 15 JUN 2023 10:28:08

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:15:08

Highest Band Edge / Full RB

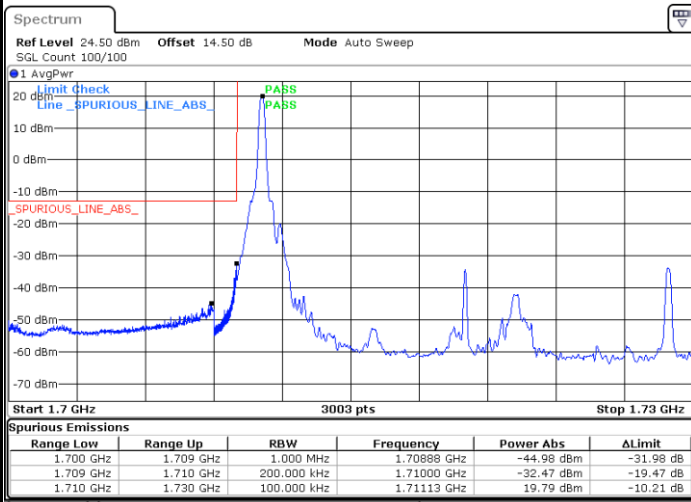


Date: 15 JUN 2023 10:25:25



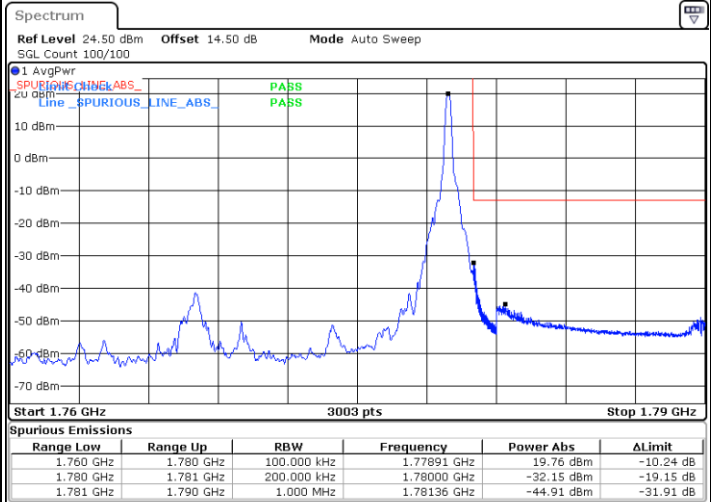
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



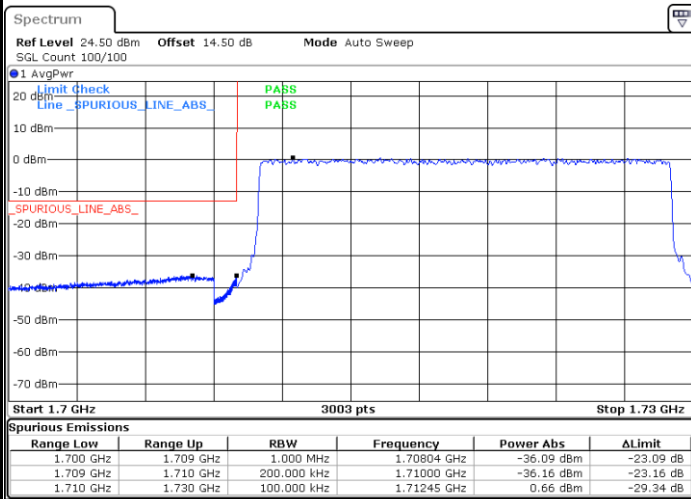
Date: 15 JUN 2023 10:31:47

Highest Band Edge / 1 RB



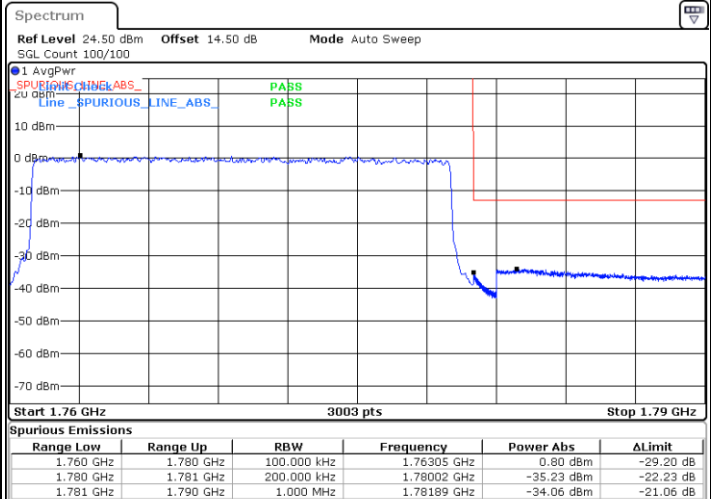
Date: 15 JUN 2023 10:42:04

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:29:03

Highest Band Edge / Full RB

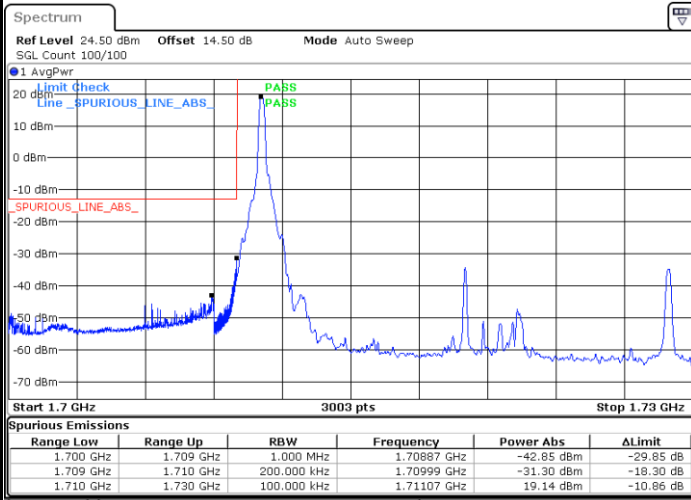


Date: 15 JUN 2023 10:39:19



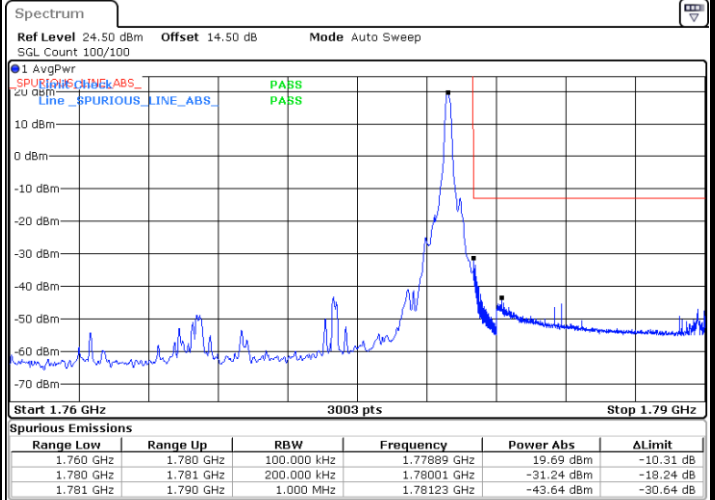
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



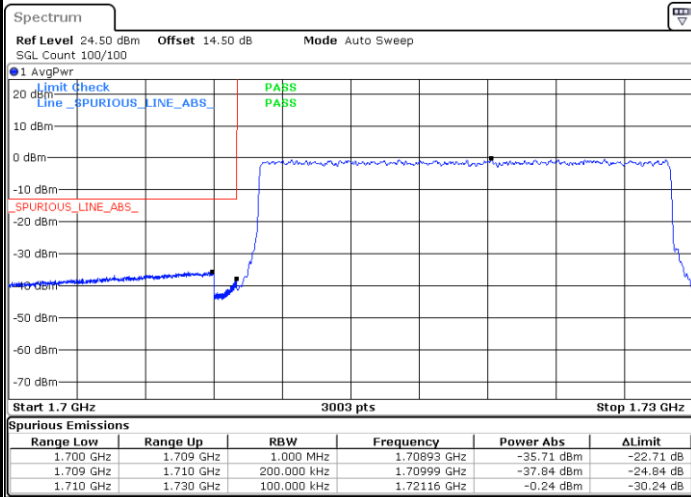
Date: 15 JUN 2023 10:32:42

Highest Band Edge / 1 RB



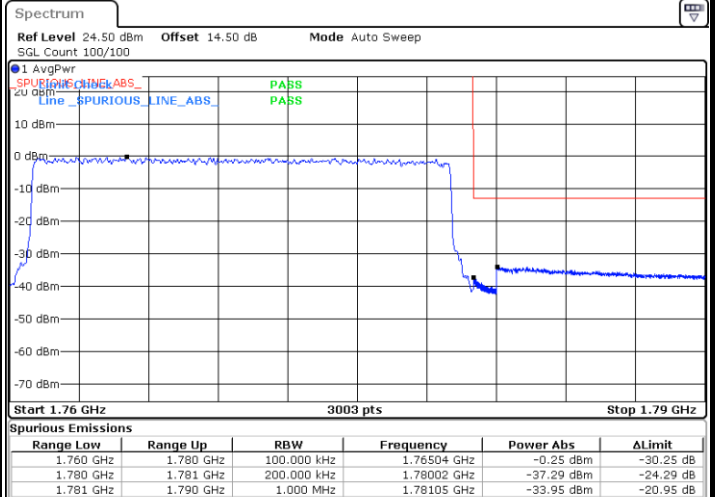
Date: 15 JUN 2023 10:42:58

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:29:58

Highest Band Edge / Full RB

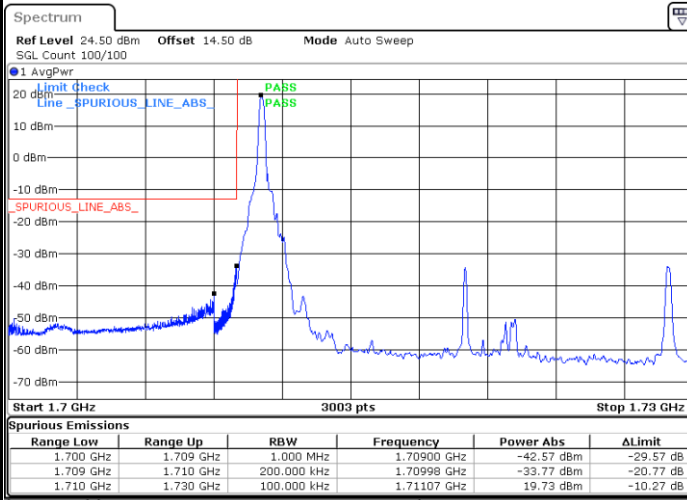


Date: 15 JUN 2023 10:40:14



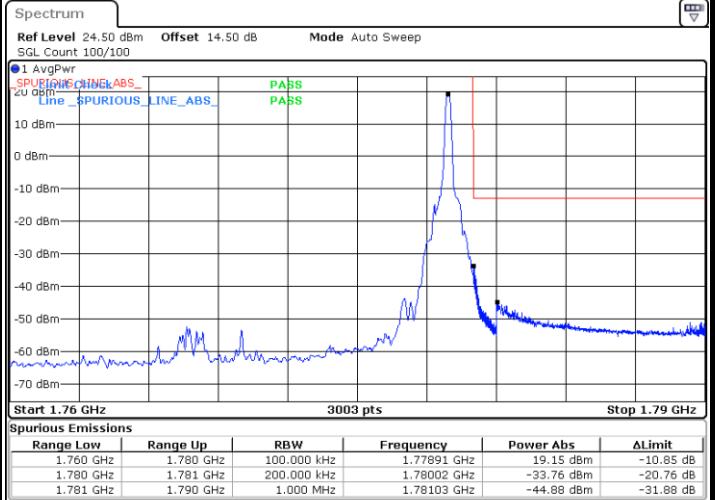
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



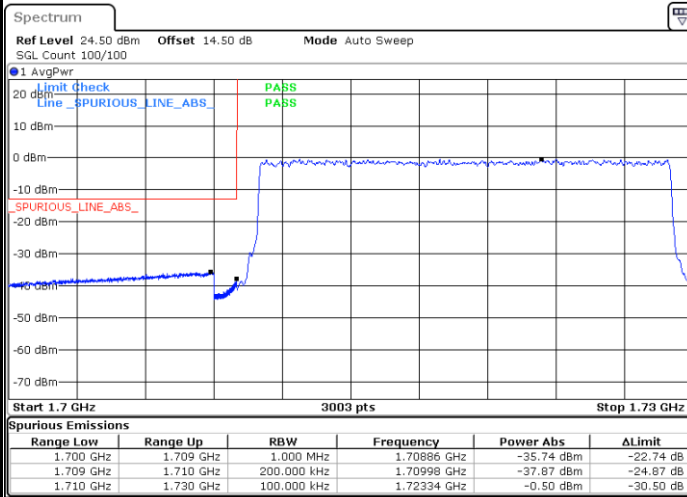
Date: 15 JUN 2023 10:33:36

Highest Band Edge / 1 RB



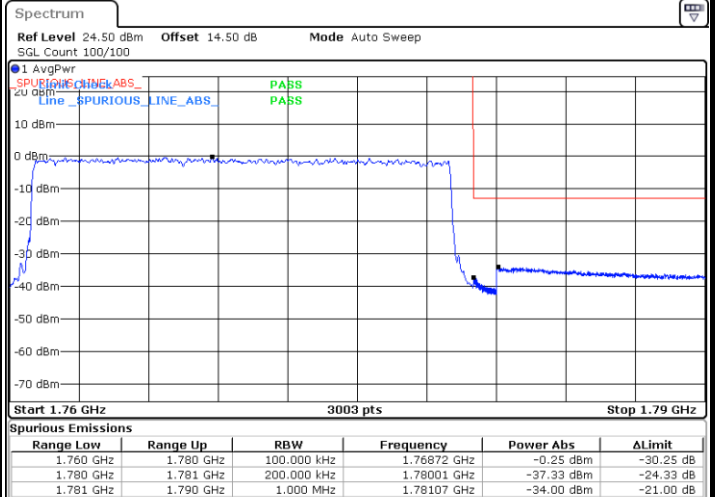
Date: 15 JUN 2023 10:43:54

Lowest Band Edge / Full RB



Date: 15 JUN 2023 10:30:52

Highest Band Edge / Full RB



Date: 15 JUN 2023 10:41:08

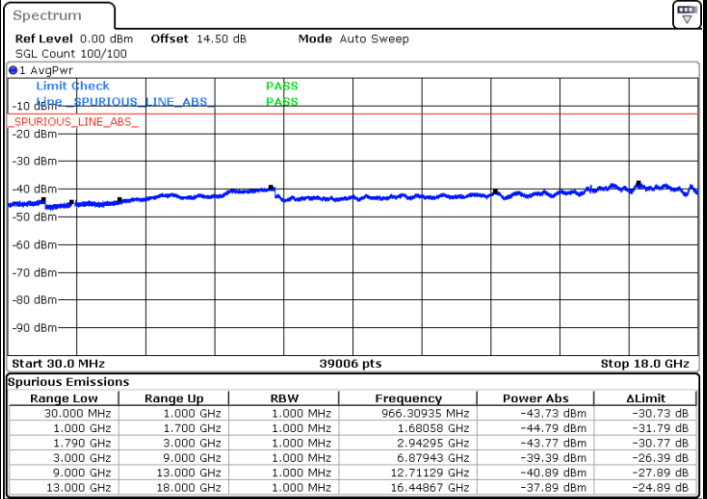
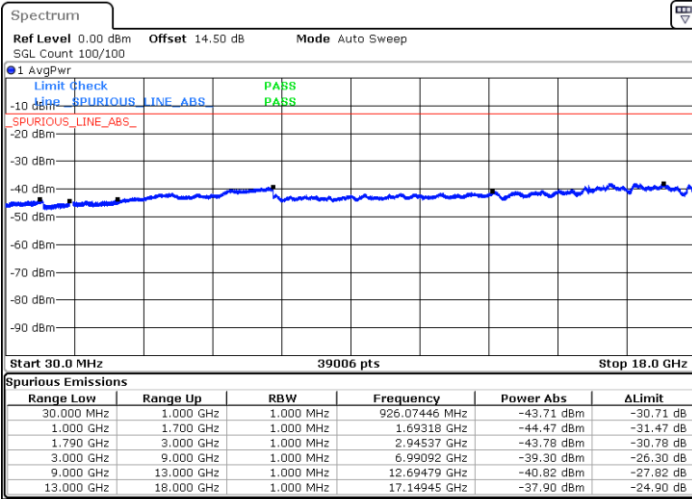


Conducted Spurious Emission

LTE Band 66

Lowest Channel / QPSK_1.4MHz

Lowest Channel / QPSK_3MHz

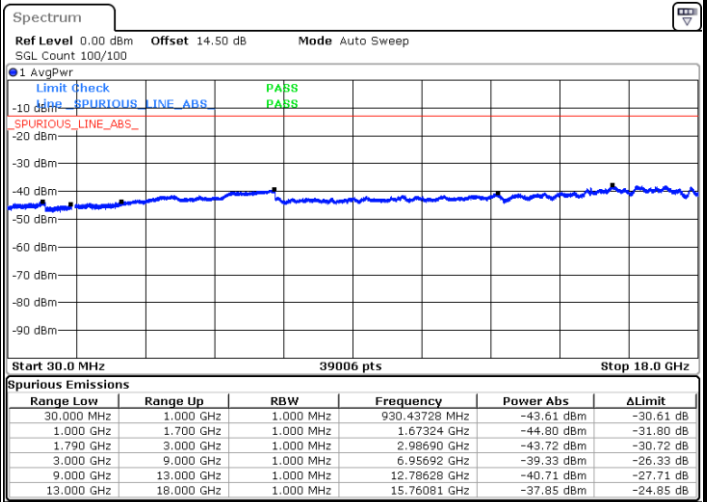
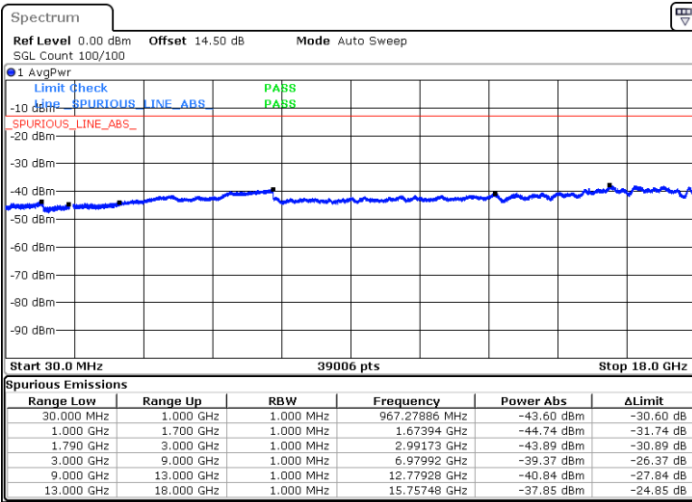


Date: 14 JUN 2023 17:11:40

Date: 14 JUN 2023 17:35:23

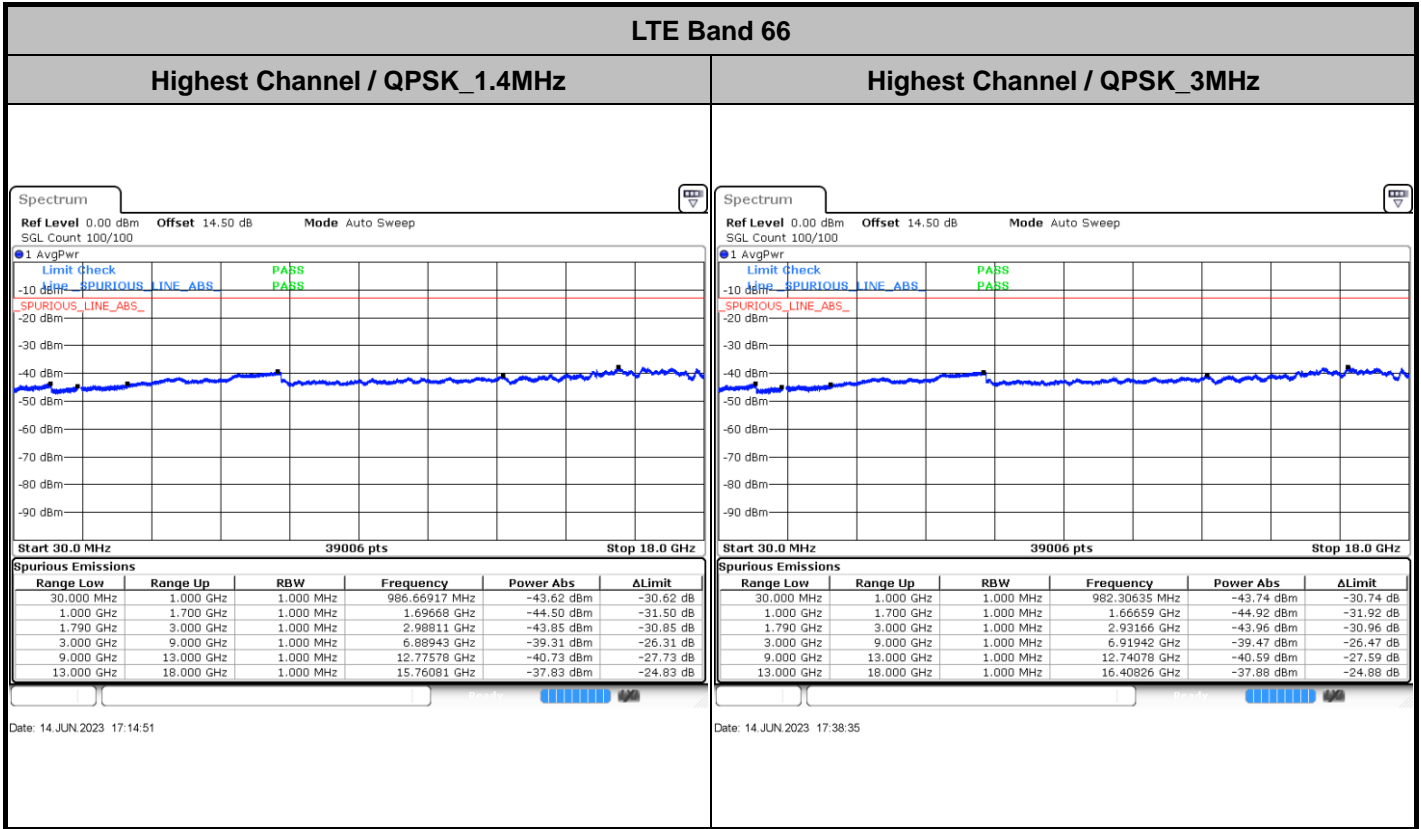
Middle Channel / QPSK_1.4MHz

Middle Channel / QPSK_3MHz



Date: 14 JUN 2023 17:13:16

Date: 14 JUN 2023 17:36:58

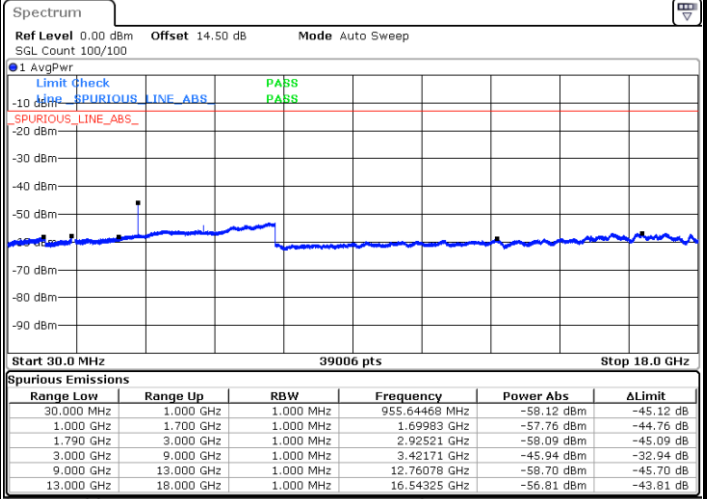
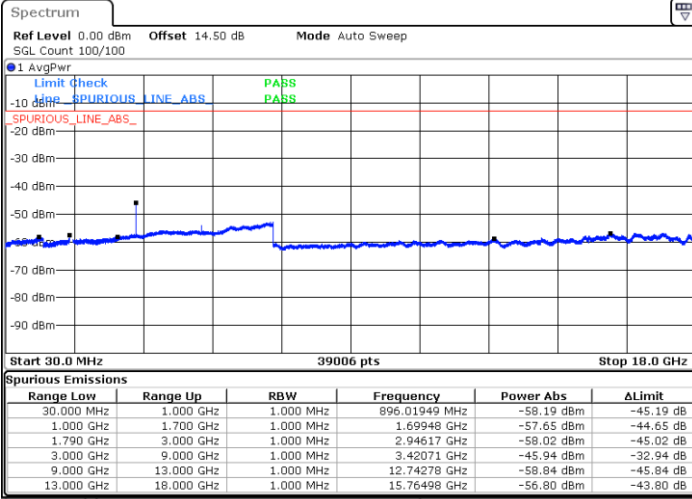




LTE Band 66

Lowest Channel / QPSK_5MHz

Lowest Channel / QPSK_10MHz

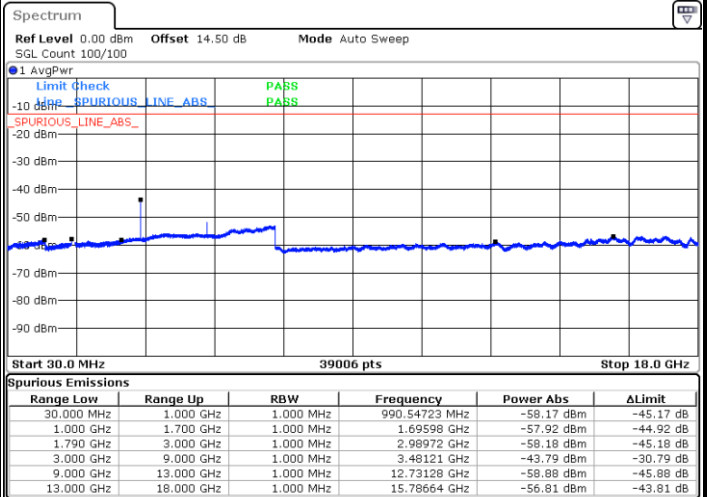
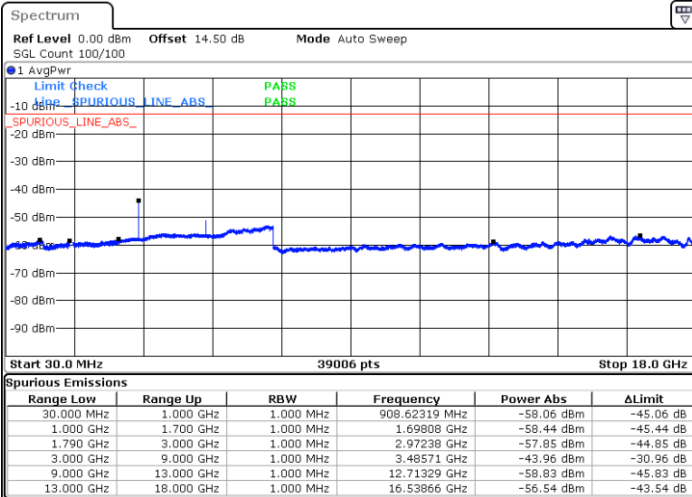


Date: 15 JUN 2023 09:48:00

Date: 15 JUN 2023 10:03:44

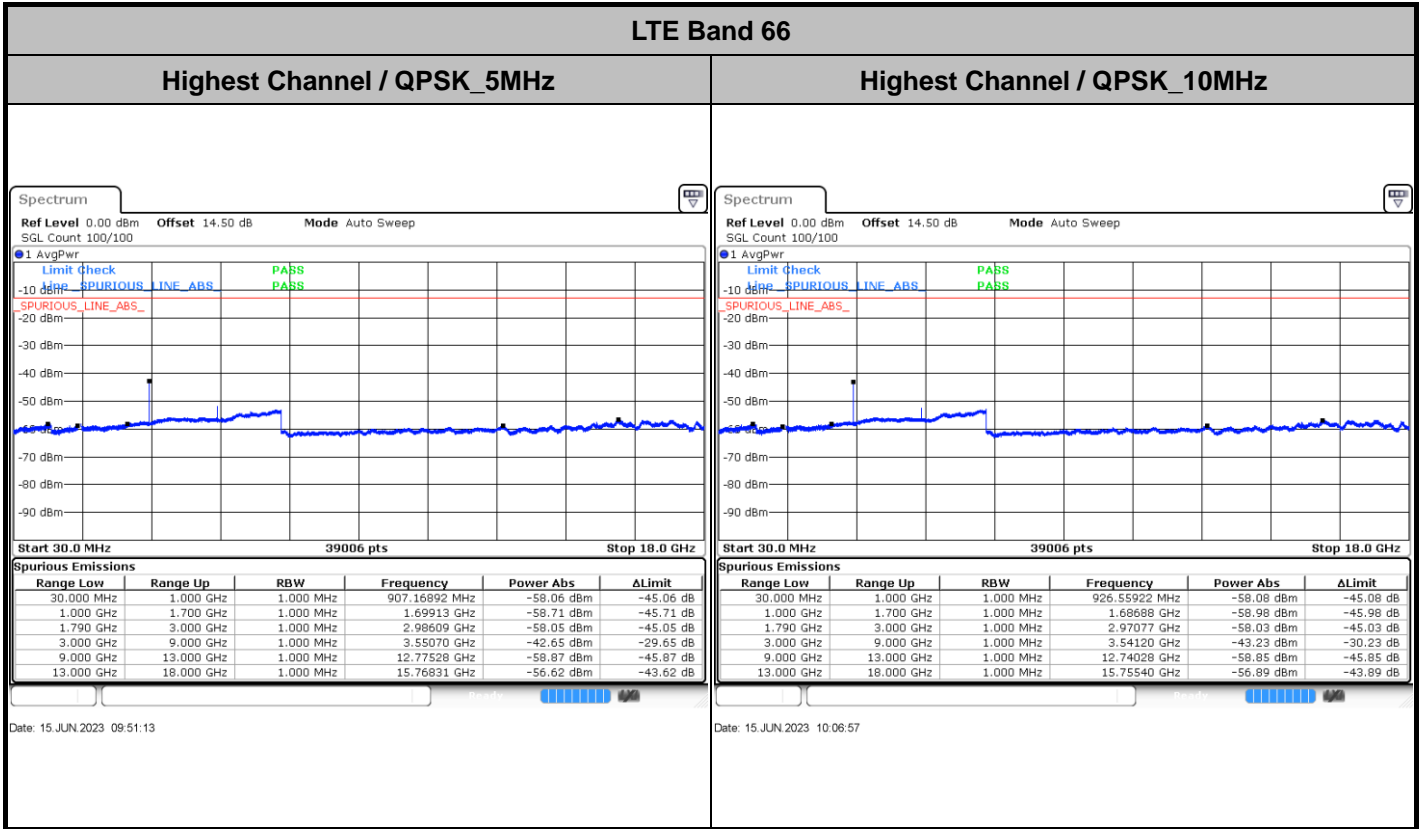
Middle Channel / QPSK_5MHz

Middle Channel / QPSK_10MHz



Date: 15 JUN 2023 09:49:36

Date: 15 JUN 2023 10:05:21

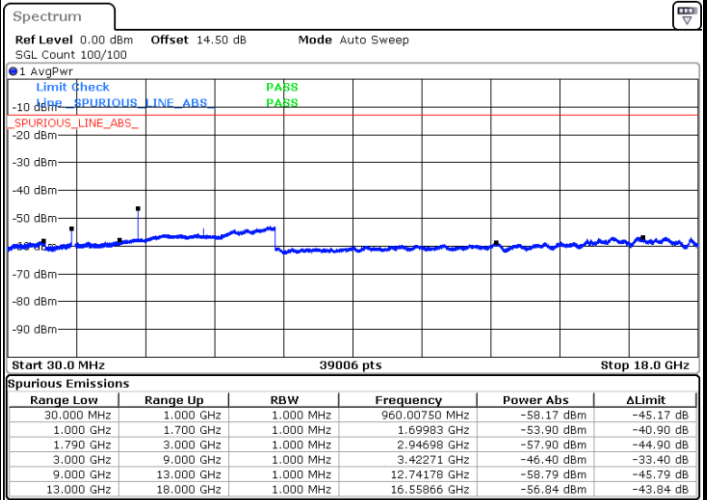
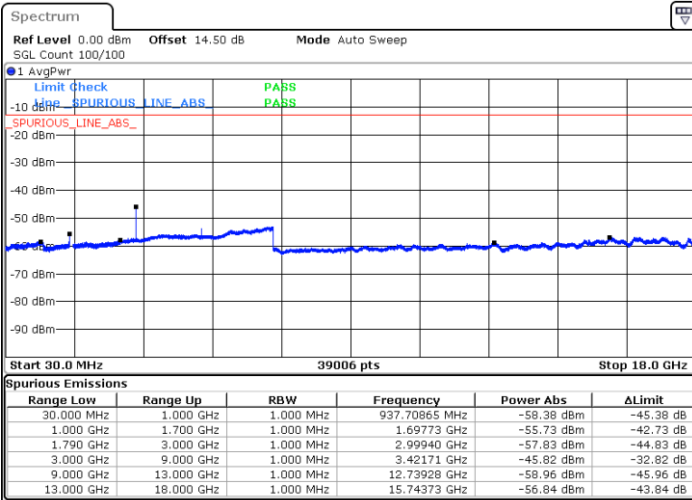




LTE Band 66

Lowest Channel / QPSK_15MHz

Lowest Channel / QPSK_20MHz

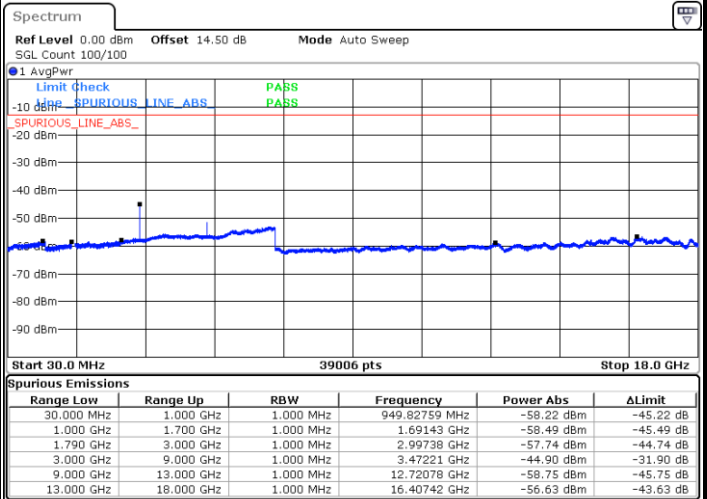
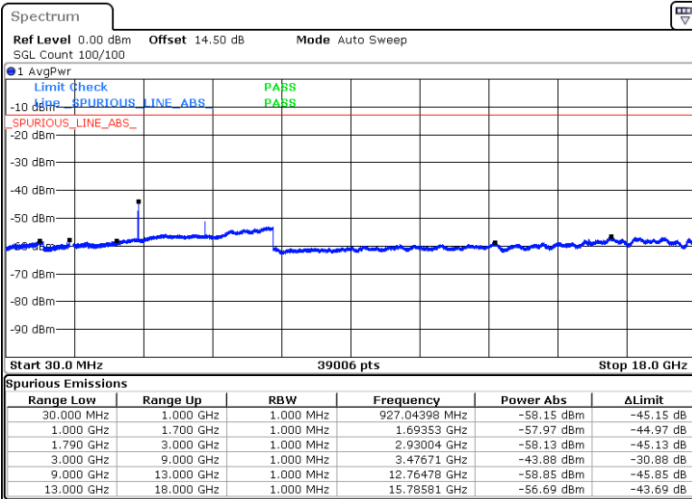


Date: 15 JUN 2023 10:19:26

Date: 15 JUN 2023 10:35:13

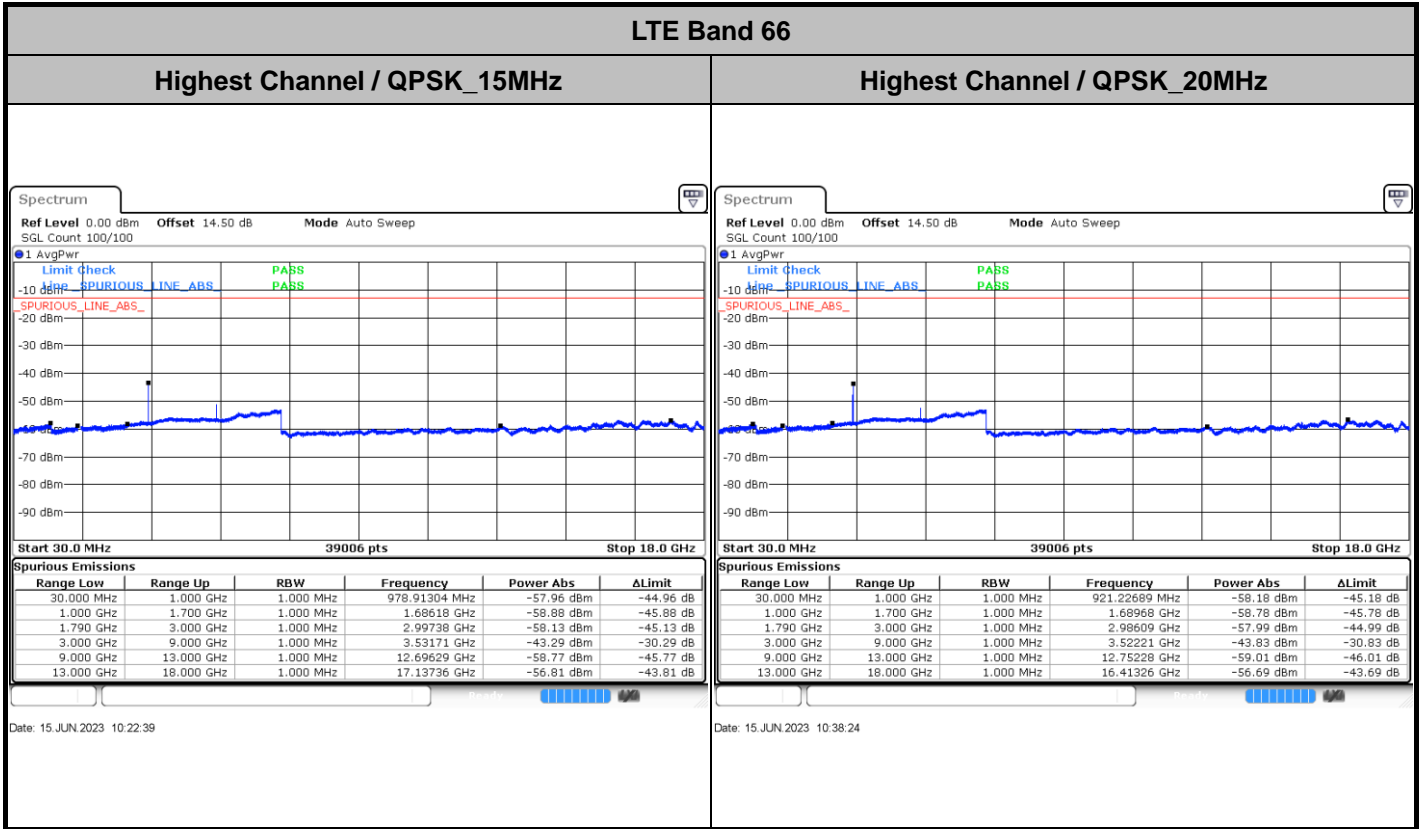
Middle Channel / QPSK_15MHz

Middle Channel / QPSK_20MHz



Date: 15 JUN 2023 10:21:02

Date: 15 JUN 2023 10:36:49





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	0.0005	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0128	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0135	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.40 V. ; Maximum Voltage =4.50 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

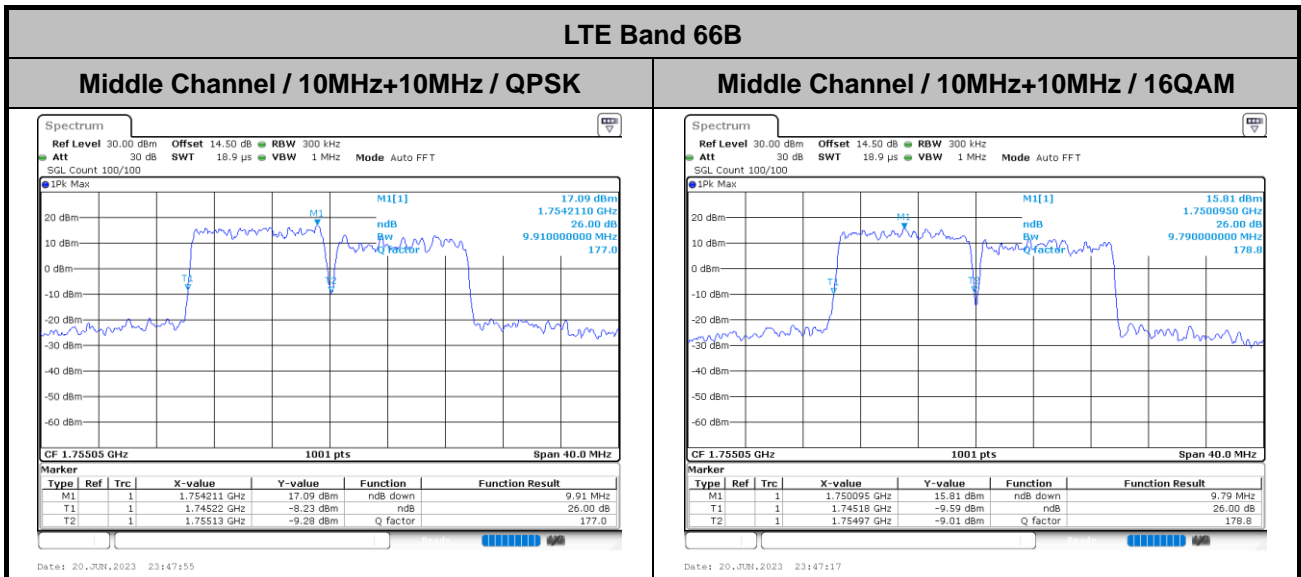


LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)
	QPSK
BW	10MHz+10MHz
Middle CH	9.91

Mode	LTE Band 66B : 26dB BW(MHz)
	16QAM
BW	10MHz+10MHz
Middle CH	9.79





Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)
	QPSK
BW	10MHz+10MHz
Middle CH	18.70

Mode	LTE Band 66B : 99%OBW(MHz)
	16QAM
BW	10MHz+10MHz
Middle CH	18.78

