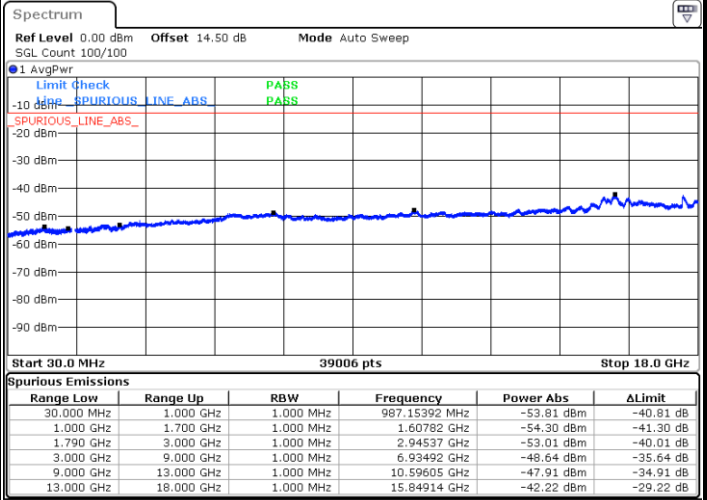
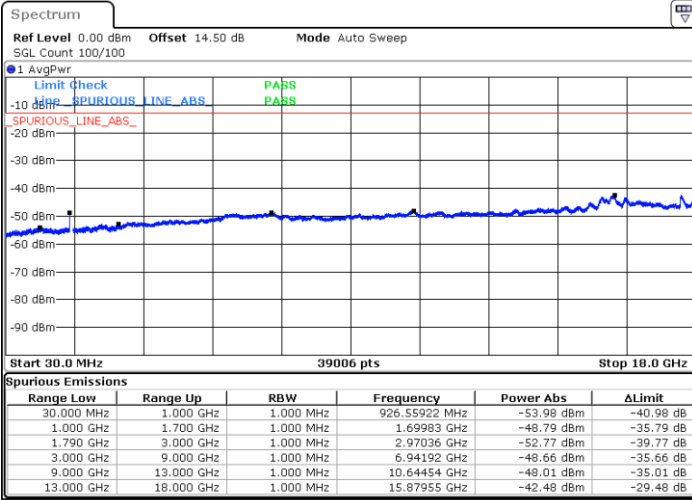




LTE Band 66 / 15MHz

Lowest Channel / QPSK

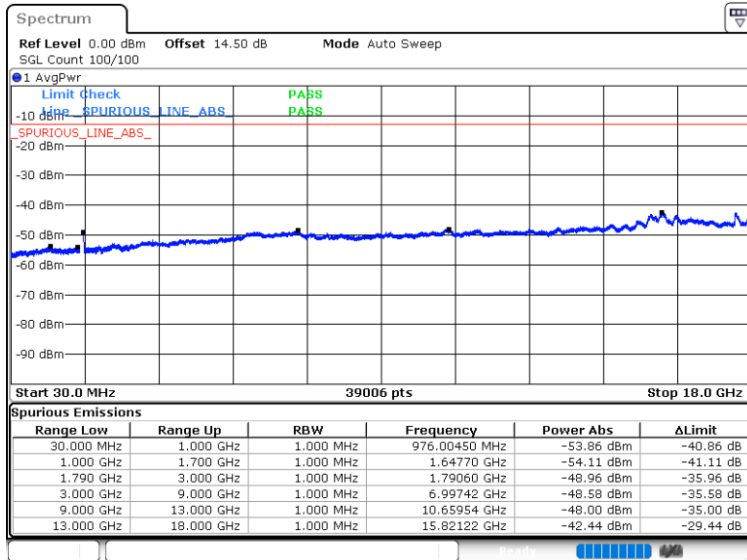
Middle Channel / QPSK



Date: 26.DEC.2023 22:48:08

Date: 26.DEC.2023 22:49:19

Highest Channel / QPSK



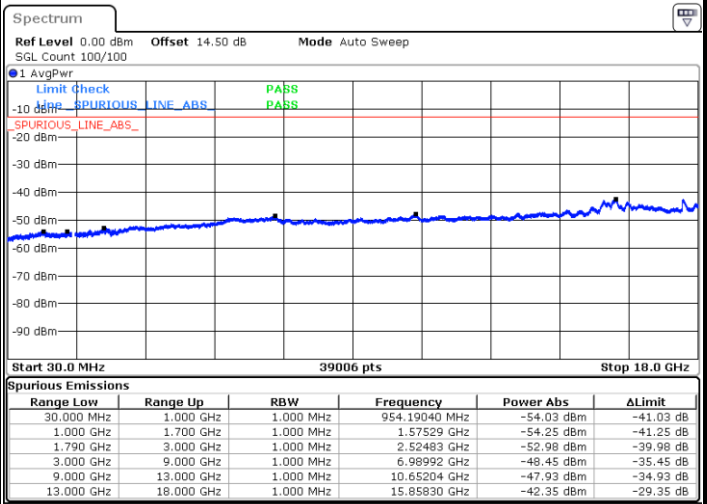
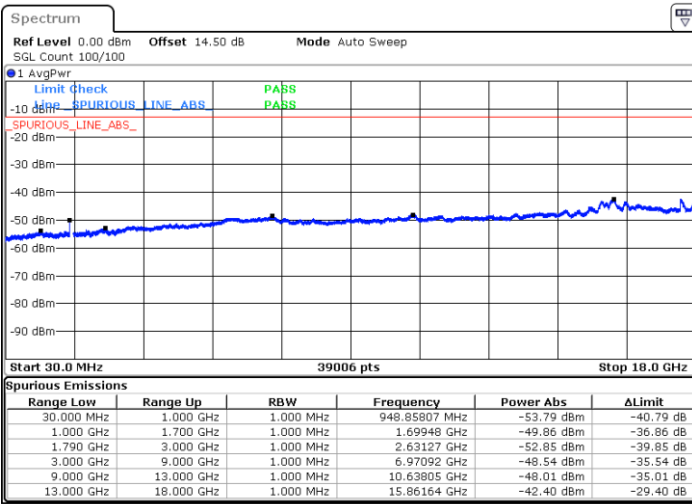
Date: 26.DEC.2023 22:56:32



LTE Band 66 / 20MHz

Lowest Channel / QPSK

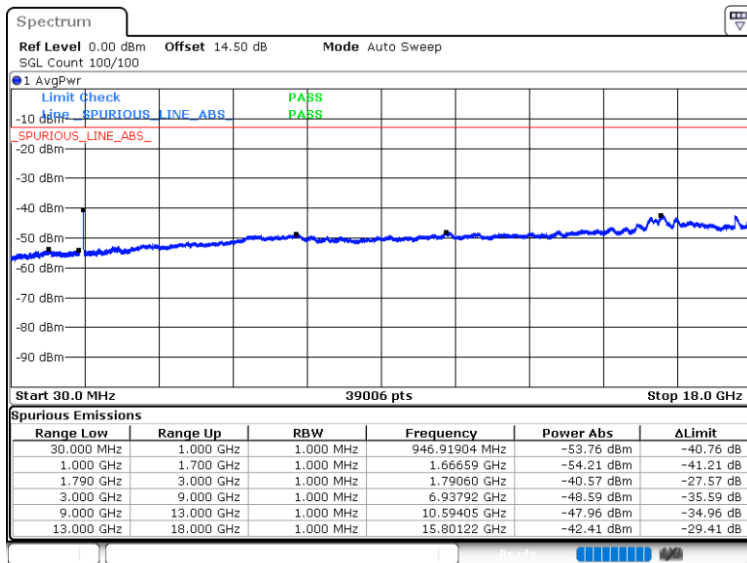
Middle Channel / QPSK



Date: 26.DEC.2023 23:03:09

Date: 26.DEC.2023 23:04:20

Highest Channel / QPSK



Date: 26.DEC.2023 23:12:58



### 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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

**Note:**

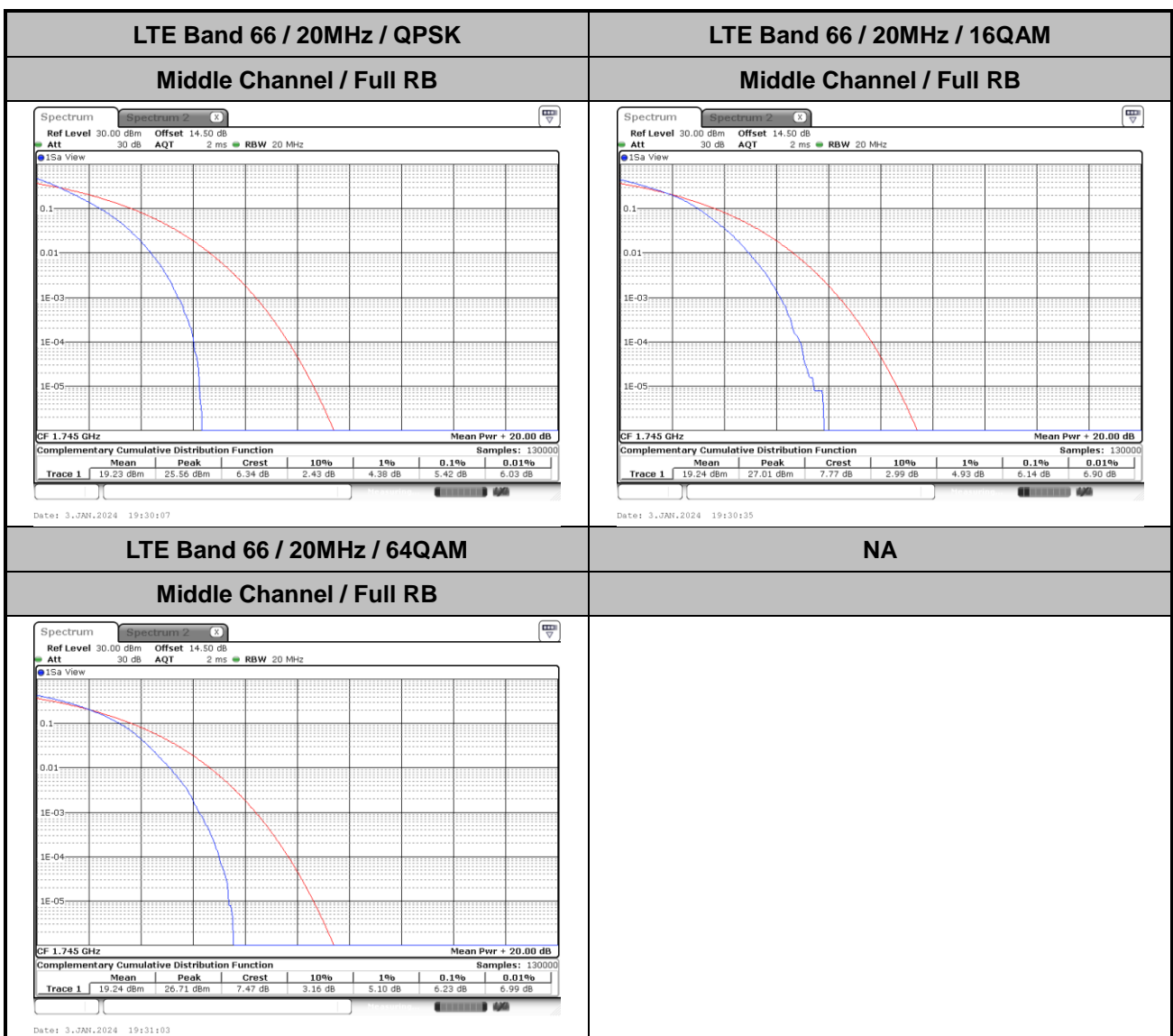
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# 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	5.42	6.14	6.23	PASS





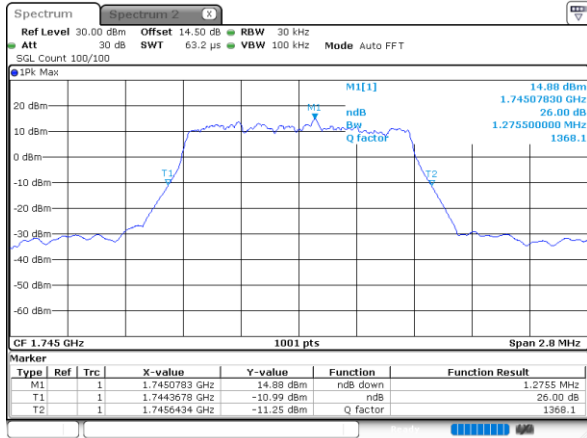
## 26dB Bandwidth

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	1.26	2.97	2.97	4.89	4.83	9.75	9.67	14.27	14.54	18.94	18.62



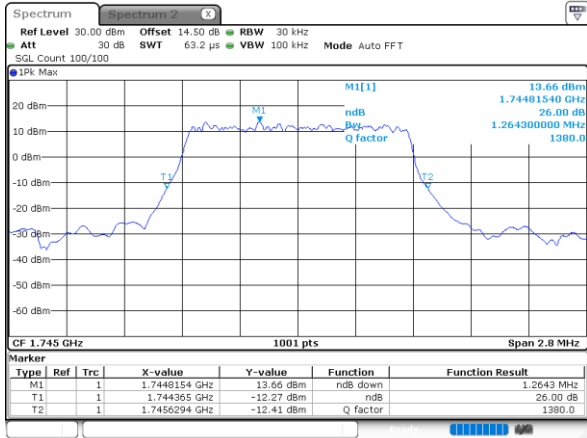
LTE Band 66

Middle Channel / 1.4MHz / QPSK



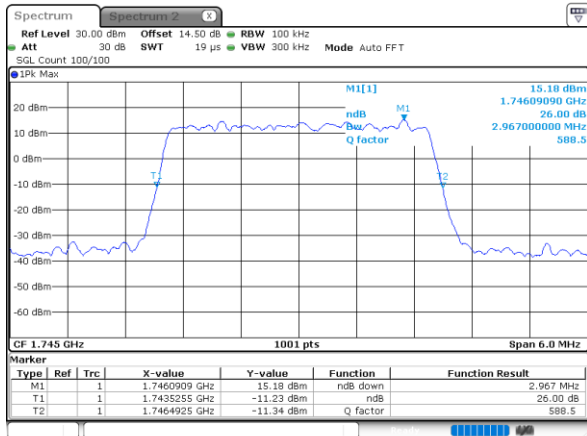
Date: 3\_JAN\_2024 18:02:05

Middle Channel / 1.4MHz / 16QAM



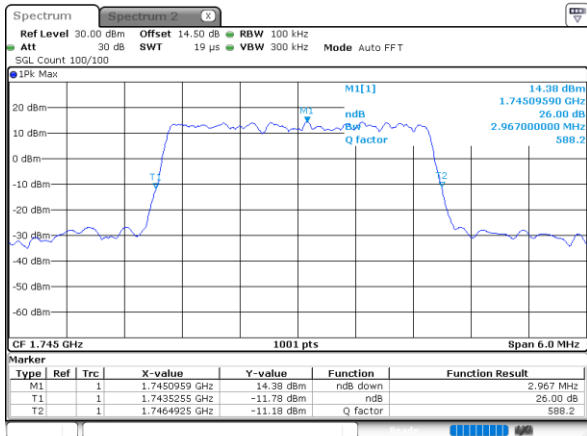
Date: 3\_JAN\_2024 18:02:46

Middle Channel / 3MHz / QPSK



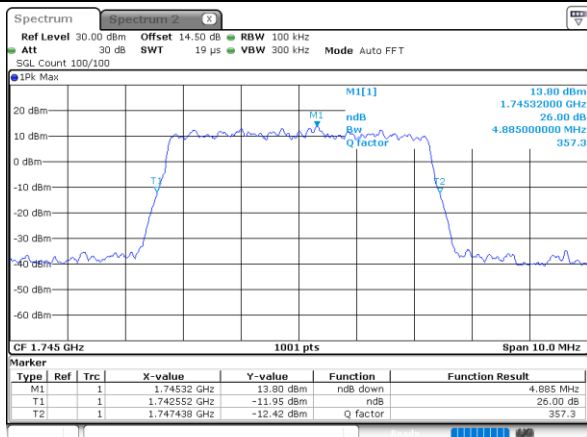
Date: 3\_JAN\_2024 18:19:13

Middle Channel / 3MHz / 16QAM



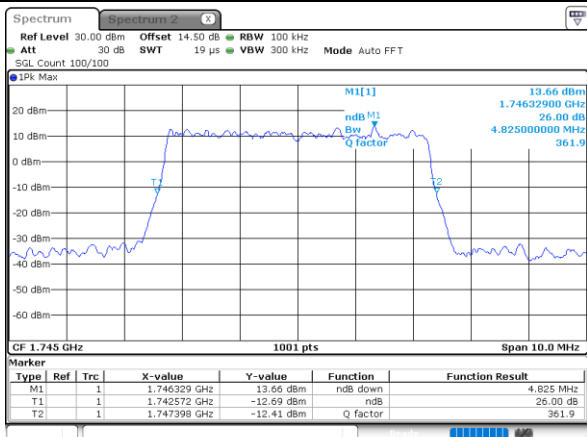
Date: 3\_JAN\_2024 18:19:54

Middle Channel / 5MHz / QPSK



Date: 3\_JAN\_2024 18:13:57

Middle Channel / 5MHz / 16QAM

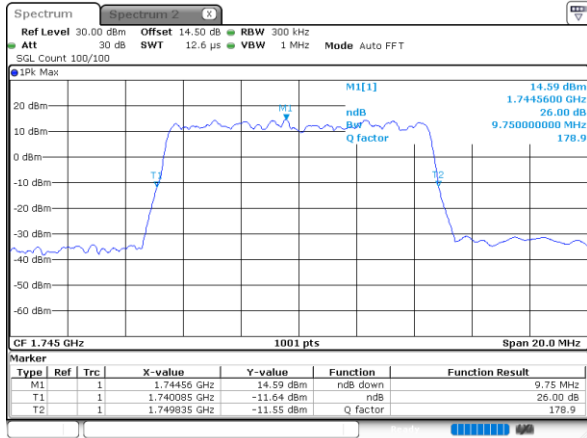


Date: 3\_JAN\_2024 18:17:38



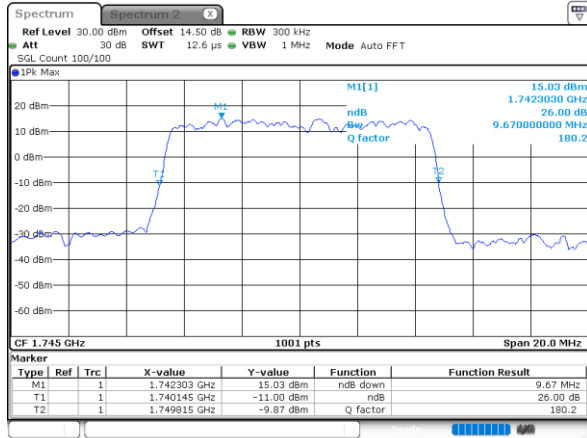
LTE Band 66

Middle Channel / 10MHz / QPSK



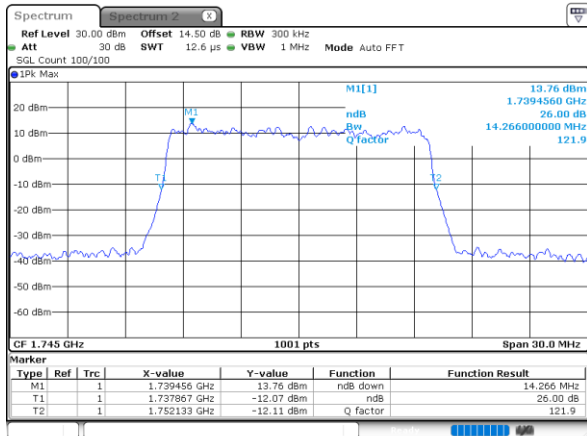
Date: 3\_JAN\_2024 18:54:05

Middle Channel / 10MHz / 16QAM



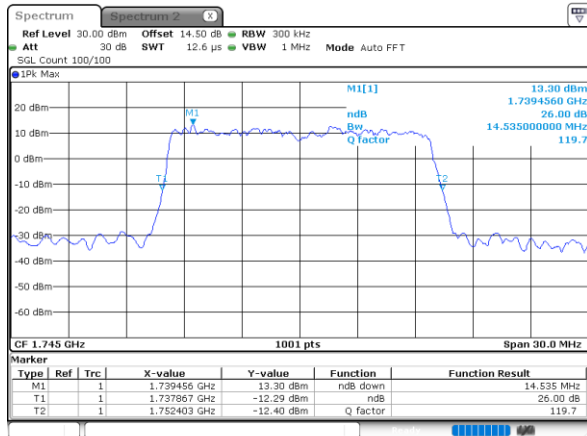
Date: 3\_JAN\_2024 18:54:46

Middle Channel / 15MHz / QPSK



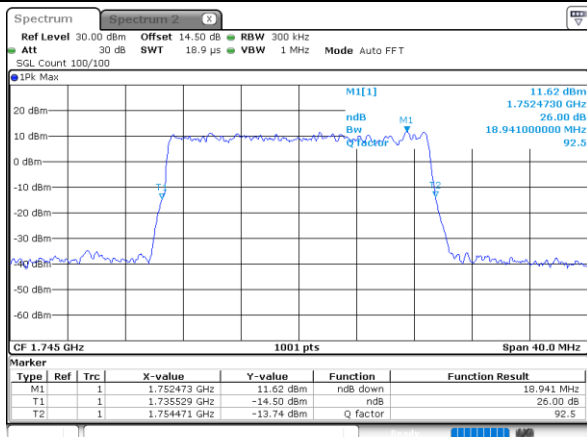
Date: 3\_JAN\_2024 19:11:49

Middle Channel / 15MHz / 16QAM



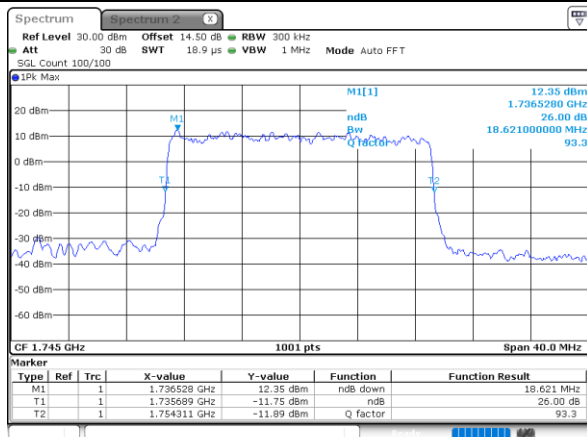
Date: 3\_JAN\_2024 19:12:30

Middle Channel / 20MHz / QPSK



Date: 3\_JAN\_2024 19:28:57

Middle Channel / 20MHz / 16QAM



Date: 3\_JAN\_2024 19:29:38



### Occupied Bandwidth

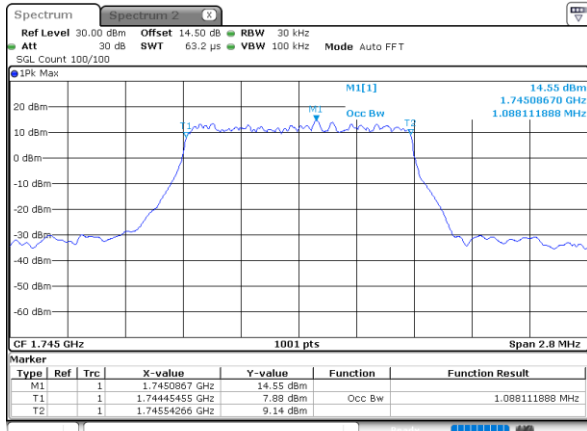
Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.73	2.73	4.48	4.50	9.03	9.01	13.43	13.46	17.86	17.86





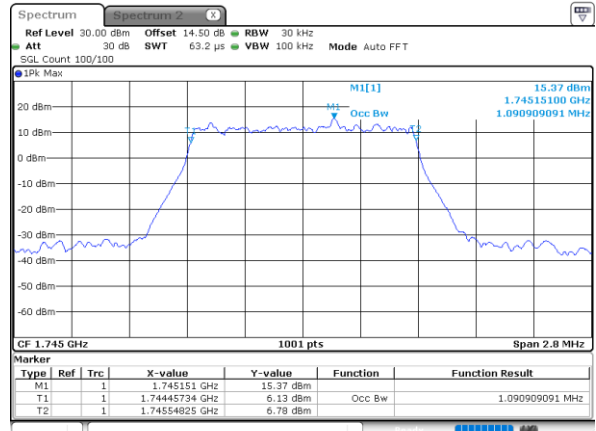
LTE Band 66

Middle Channel / 1.4MHz / QPSK



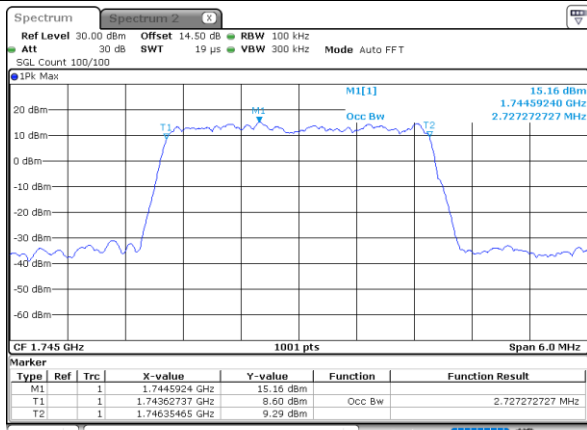
Date: 3\_JAN,2024 18:01:51

Middle Channel / 1.4MHz / 16QAM



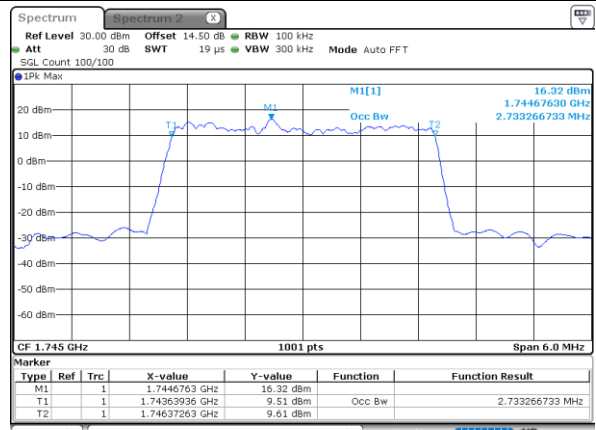
Date: 3\_JAN,2024 18:02:32

Middle Channel / 3MHz / QPSK



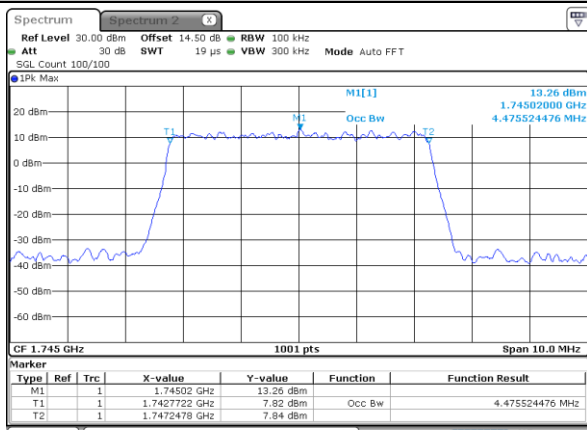
Date: 3\_JAN,2024 18:18:59

Middle Channel / 3MHz / 16QAM



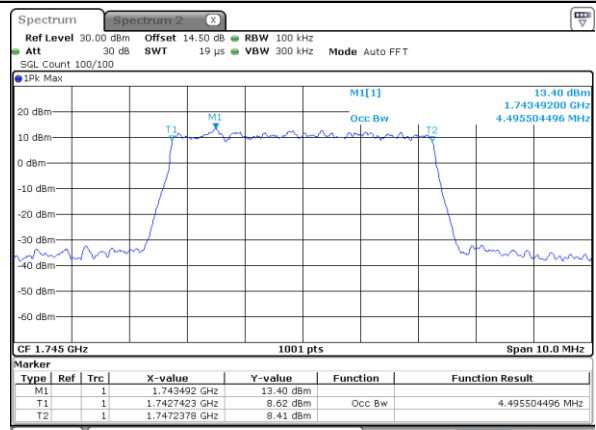
Date: 3\_JAN,2024 18:19:40

Middle Channel / 5MHz / QPSK



Date: 3\_JAN,2024 18:13:43

Middle Channel / 5MHz / 16QAM

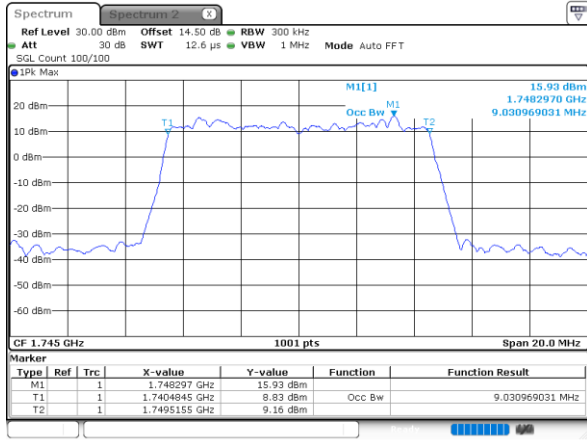


Date: 3\_JAN,2024 18:13:24



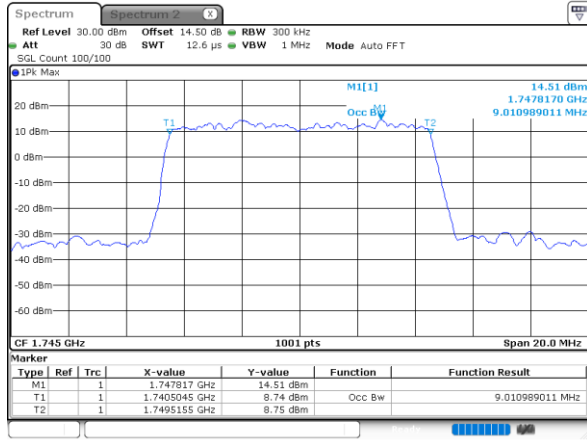
LTE Band 66

Middle Channel / 10MHz / QPSK



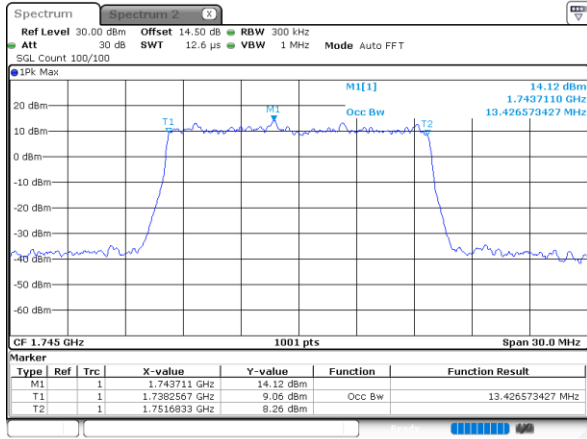
Date: 3, JAN, 2024 18:53:51

Middle Channel / 10MHz / 16QAM



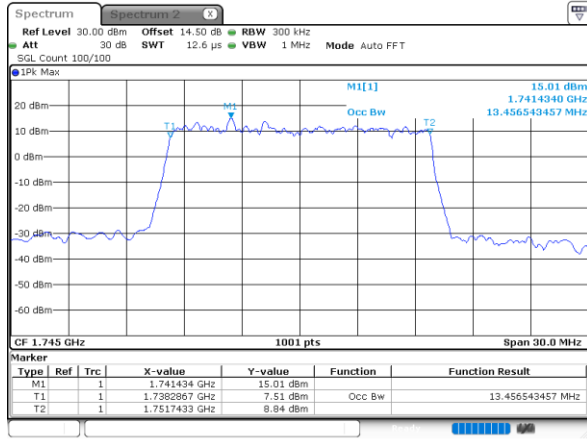
Date: 3, JAN, 2024 18:54:32

Middle Channel / 15MHz / QPSK



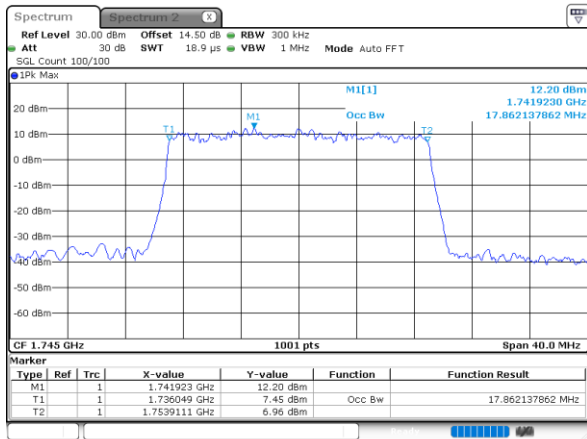
Date: 3, JAN, 2024 19:11:35

Middle Channel / 15MHz / 16QAM



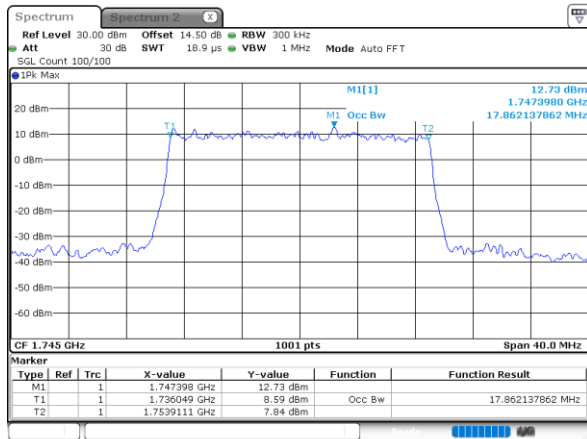
Date: 3, JAN, 2024 19:12:16

Middle Channel / 20MHz / QPSK



Date: 3, JAN, 2024 19:28:43

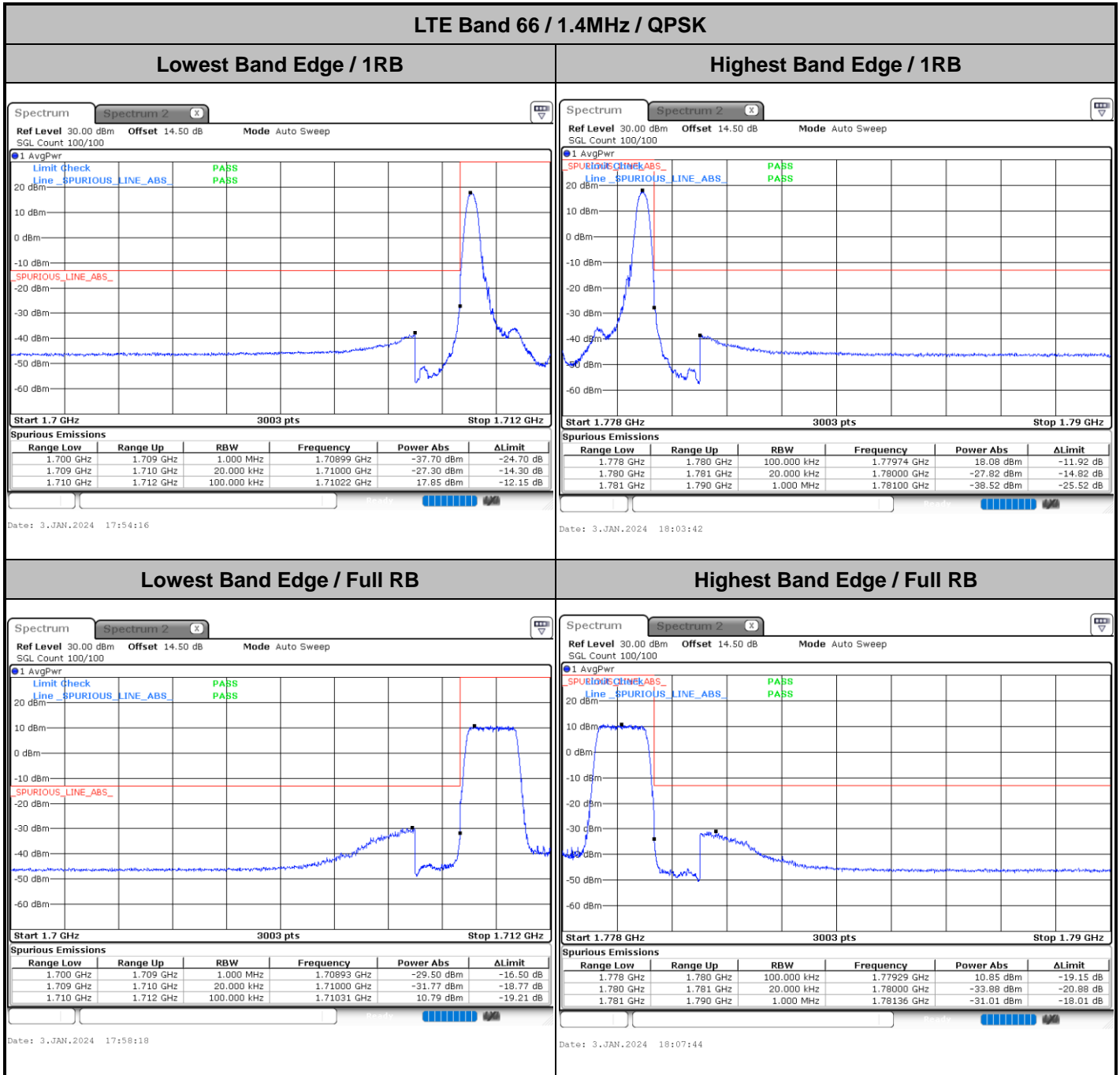
Middle Channel / 20MHz / 16QAM



Date: 3, JAN, 2024 19:29:24



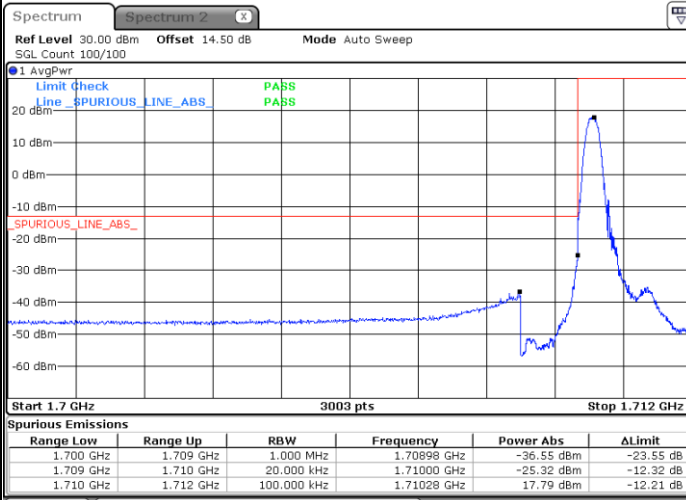
# Conducted Band Edge





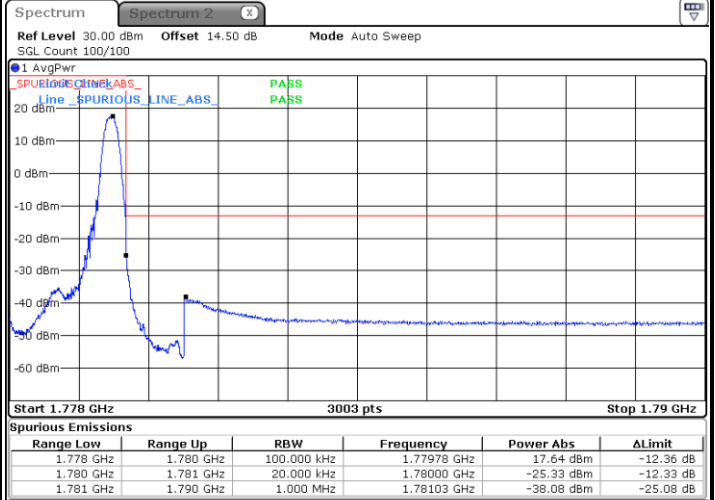
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



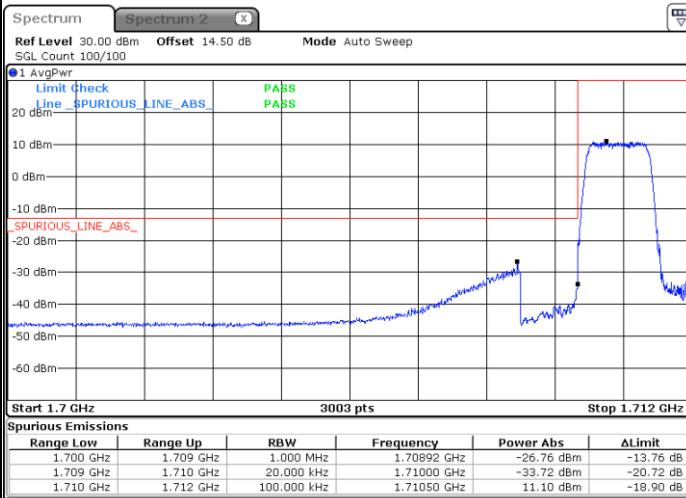
Date: 3.JAN.2024 17:55:13

Highest Band Edge / 1 RB



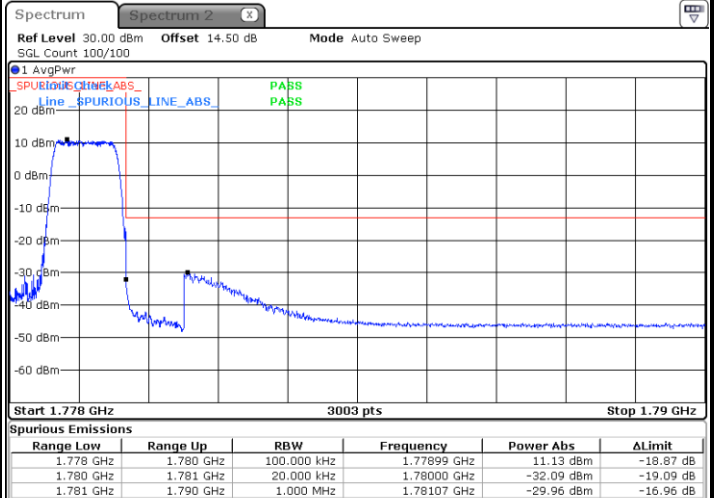
Date: 3.JAN.2024 18:04:39

Lowest Band Edge / Full RB



Date: 3.JAN.2024 17:59:15

Highest Band Edge / Full RB

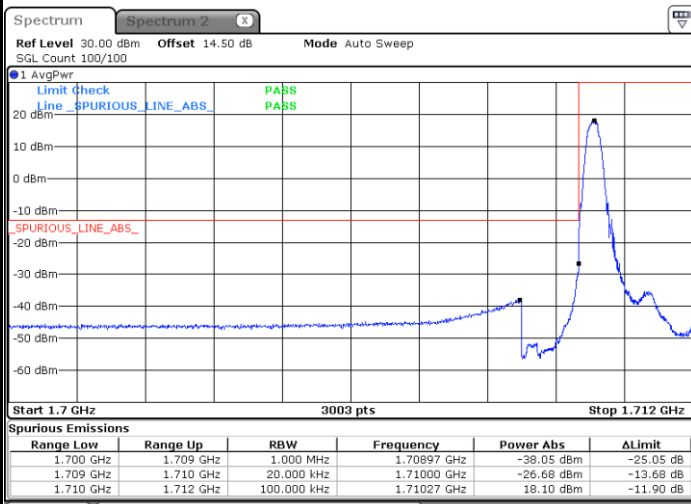


Date: 3.JAN.2024 18:08:41



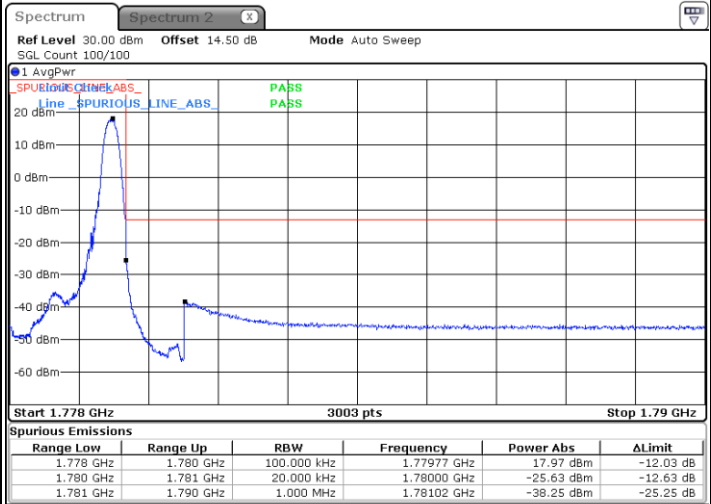
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



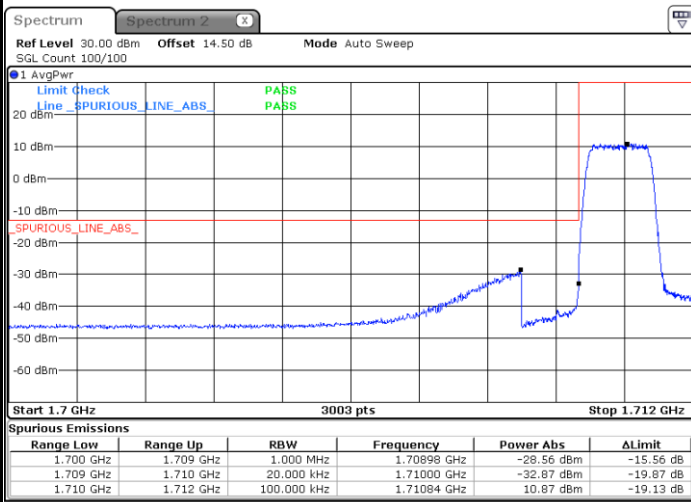
Date: 3.JAN.2024 17:56:10

Highest Band Edge / 1 RB



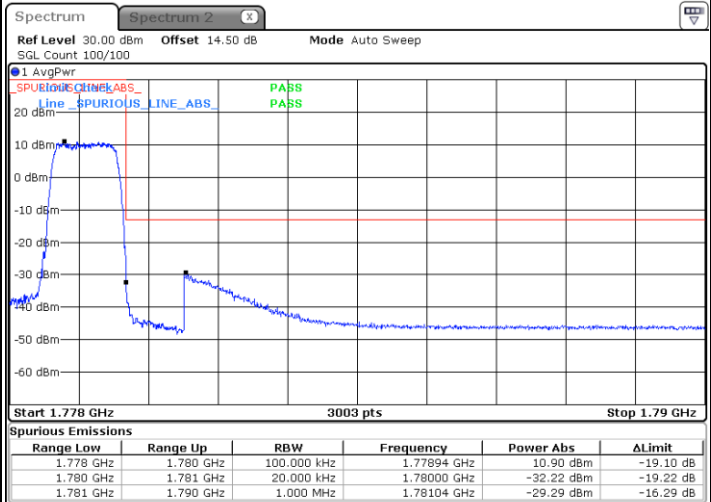
Date: 3.JAN.2024 18:05:36

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:00:11

Highest Band Edge / Full RB

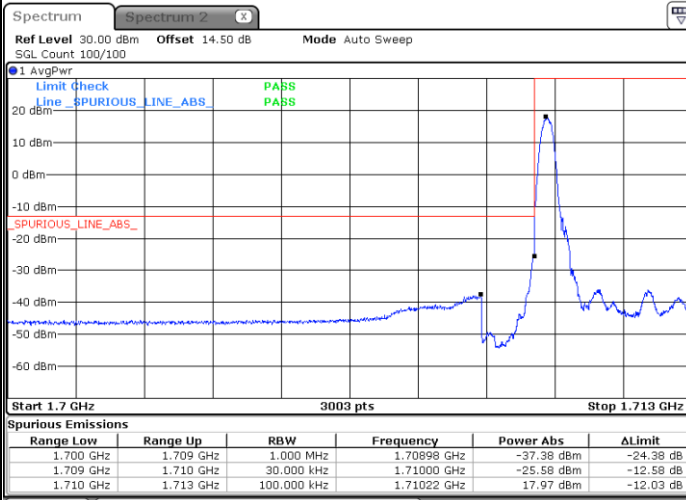


Date: 3.JAN.2024 18:09:38



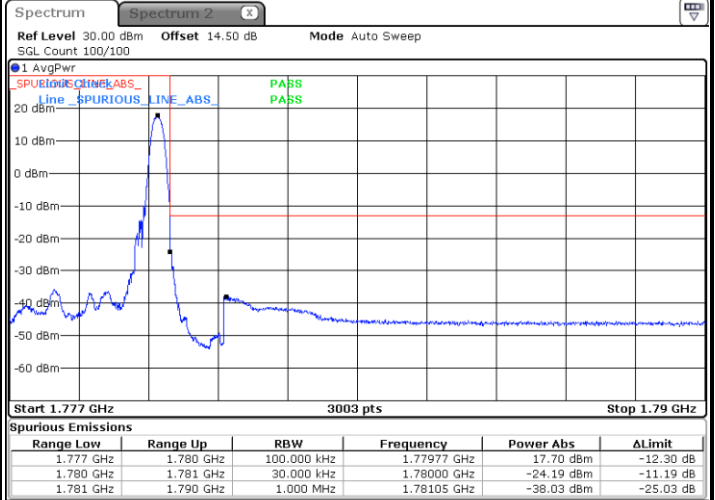
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



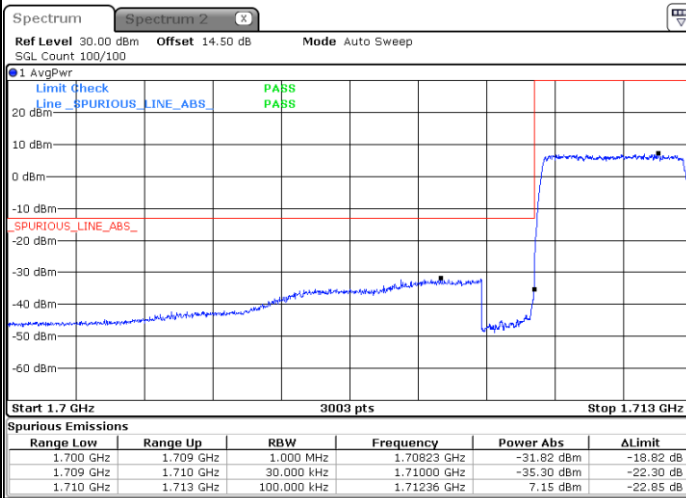
Date: 3.JAN.2024 18:11:23

Highest Band Edge / 1RB



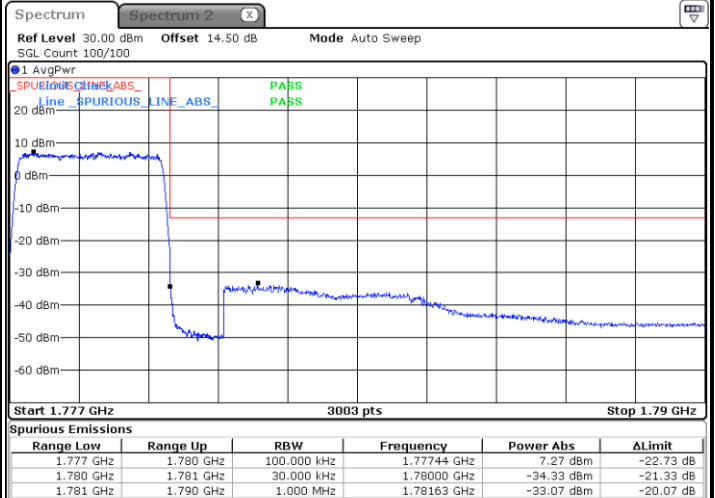
Date: 3.JAN.2024 18:20:51

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:15:26

Highest Band Edge / Full RB

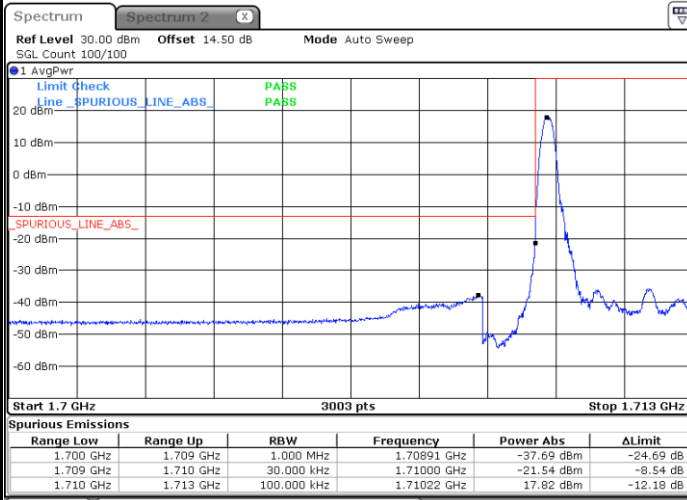


Date: 3.JAN.2024 18:23:42



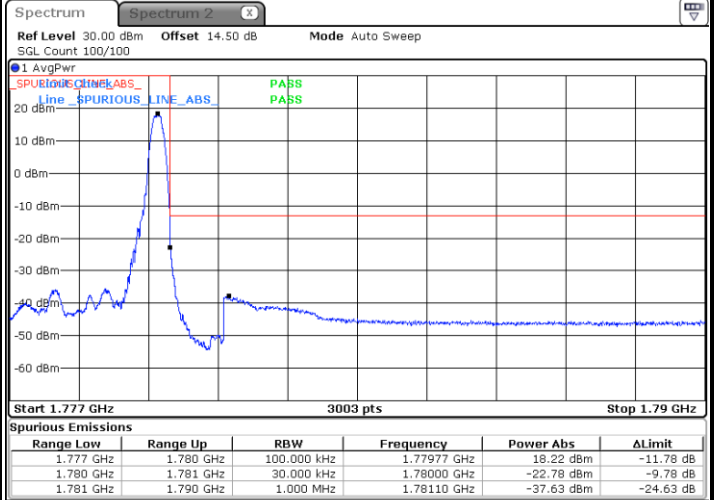
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



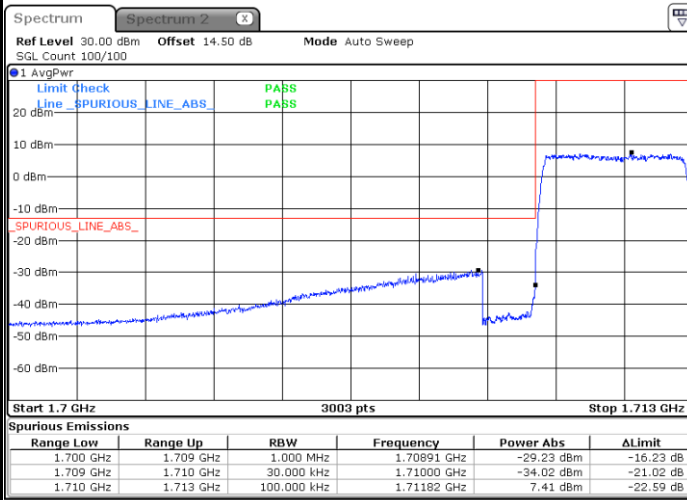
Date: 3.JAN.2024 18:12:20

Highest Band Edge / 1 RB



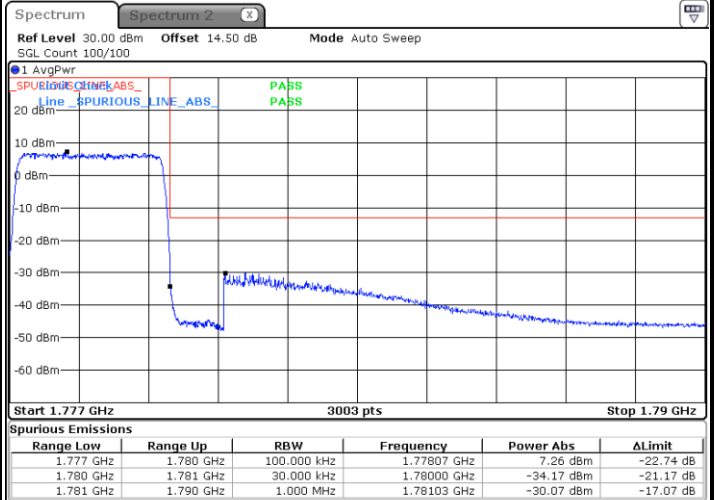
Date: 3.JAN.2024 18:21:48

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:16:23

Highest Band Edge / Full RB

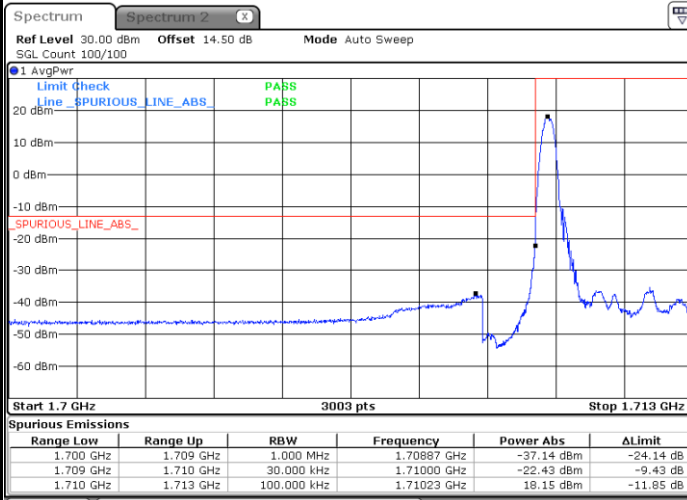


Date: 3.JAN.2024 18:24:39



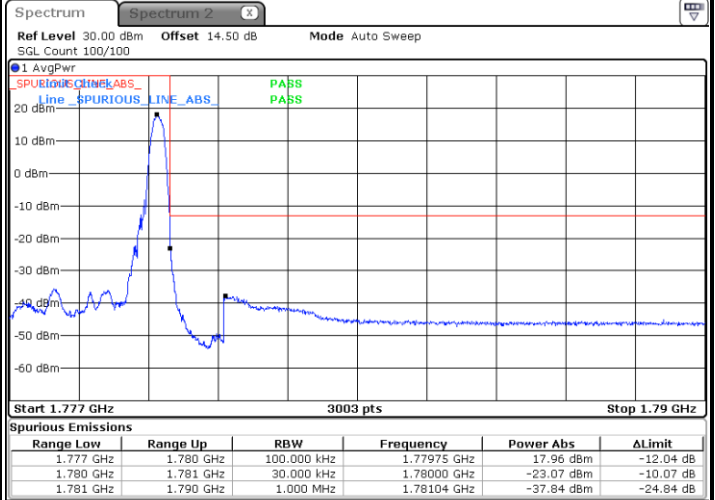
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



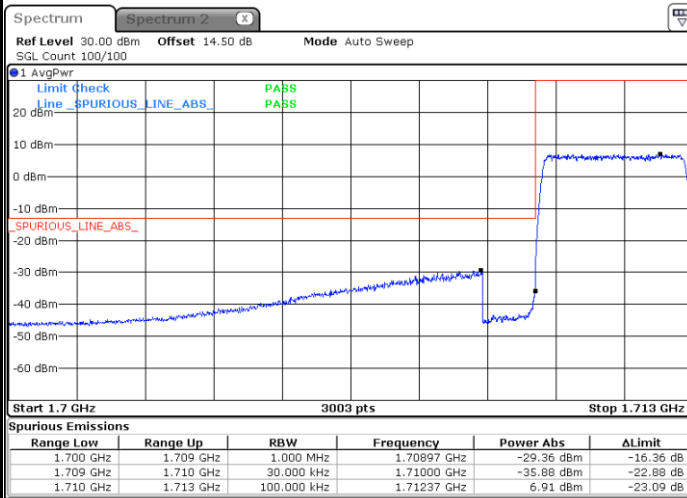
Date: 3.JAN.2024 18:13:17

Highest Band Edge / 1 RB



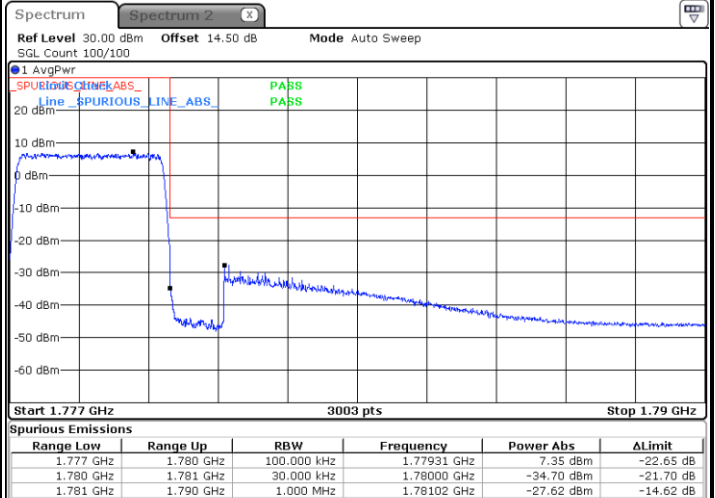
Date: 3.JAN.2024 18:22:45

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:17:20

Highest Band Edge / Full RB



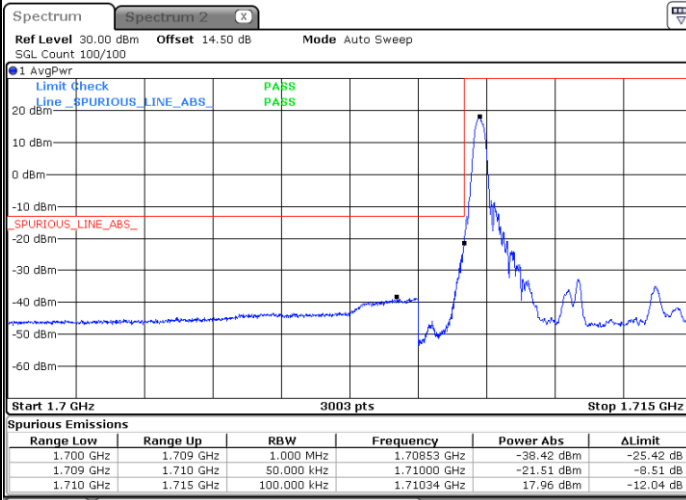
Date: 3.JAN.2024 18:25:36





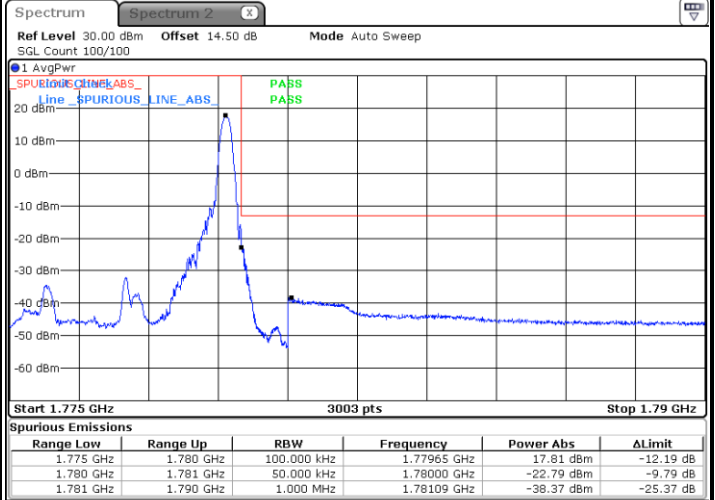
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1RB



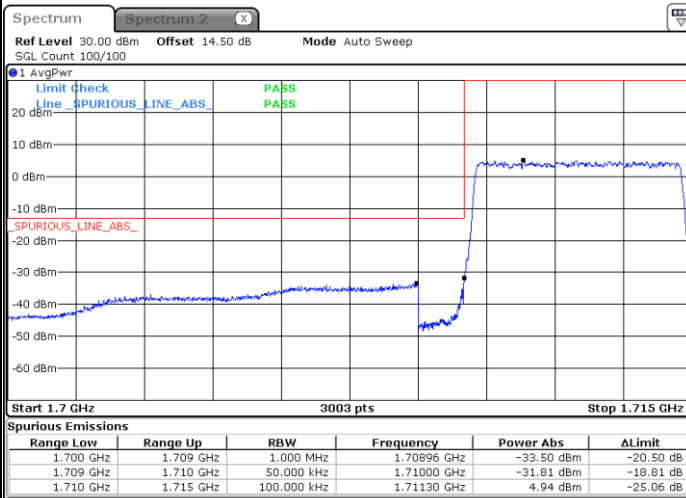
Date: 3.JAN.2024 18:29:07

Highest Band Edge / 1RB



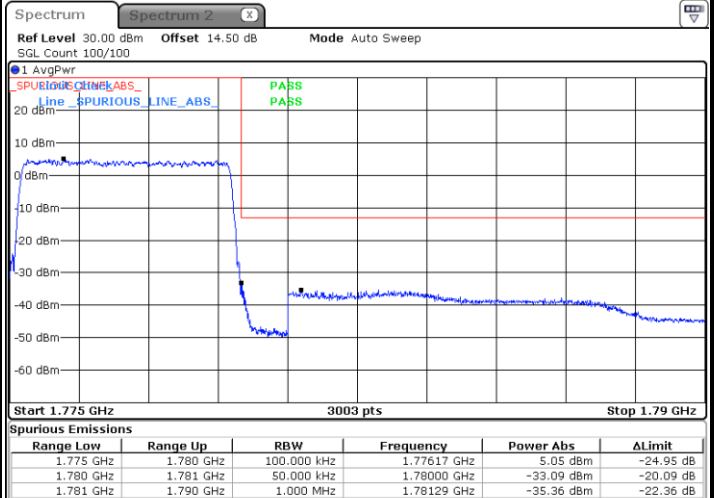
Date: 3.JAN.2024 18:38:34

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:33:09

Highest Band Edge / Full RB

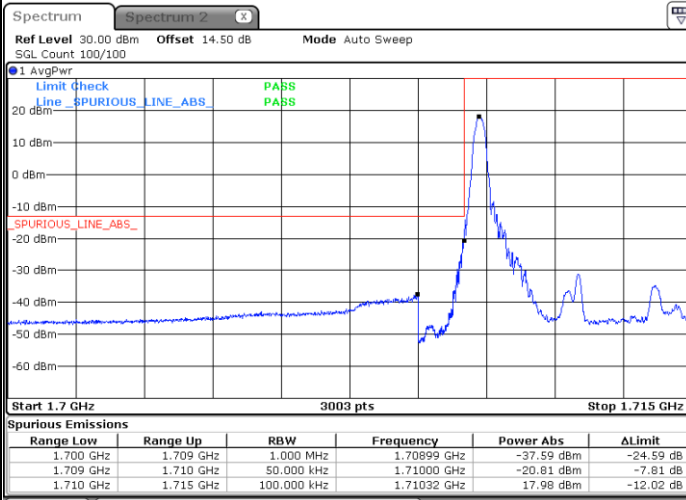


Date: 3.JAN.2024 18:41:25



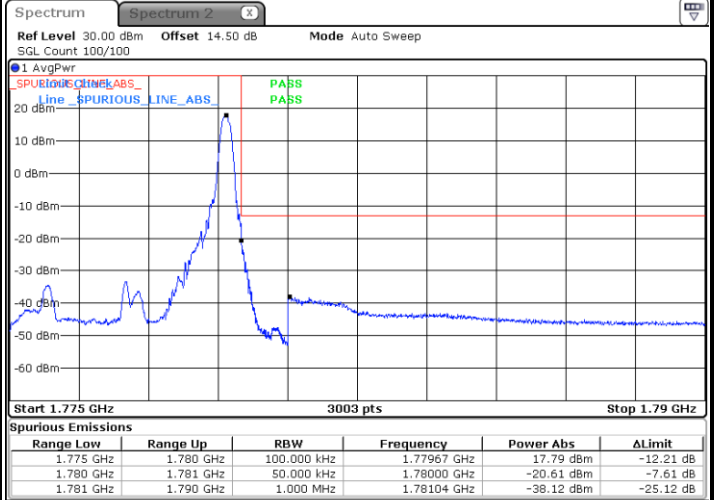
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



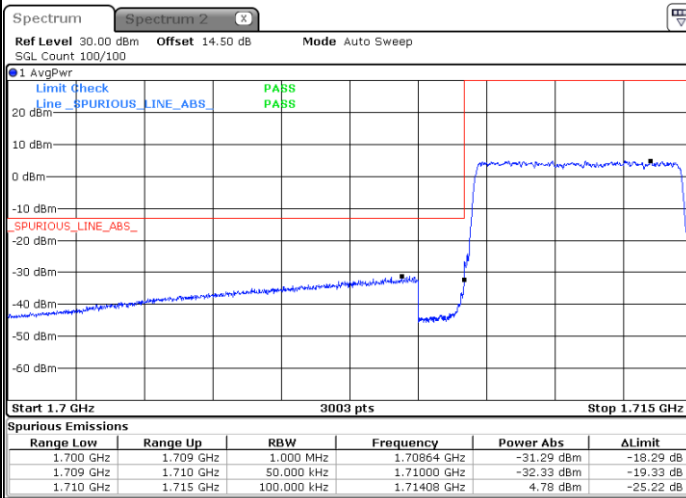
Date: 3.JAN.2024 18:30:04

Highest Band Edge / 1 RB



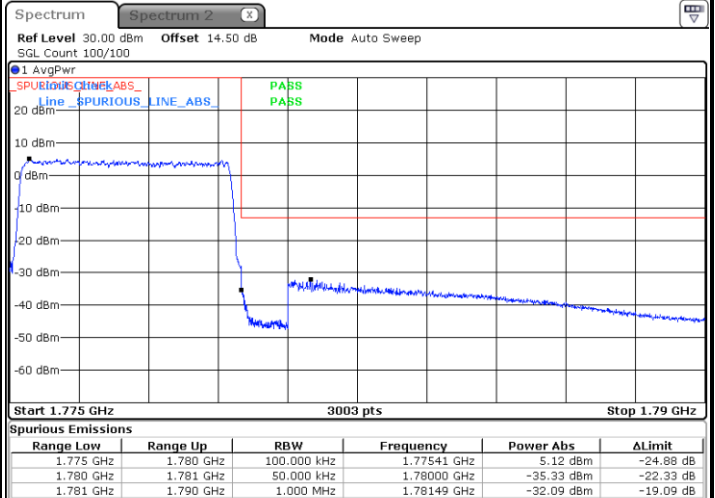
Date: 3.JAN.2024 18:39:31

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:34:06

Highest Band Edge / Full RB

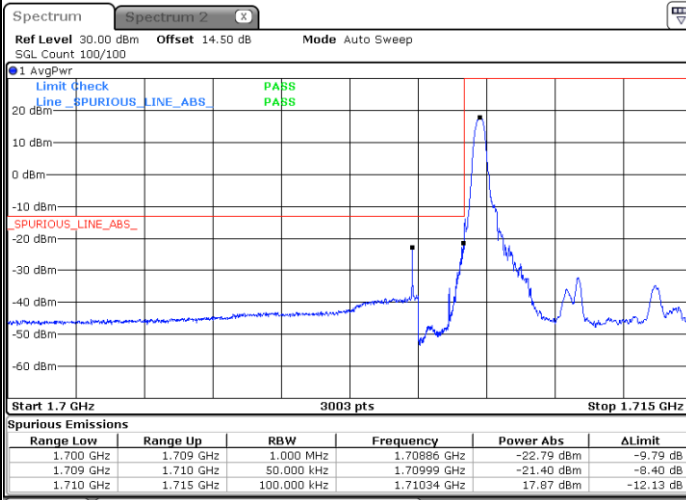


Date: 3.JAN.2024 18:42:22



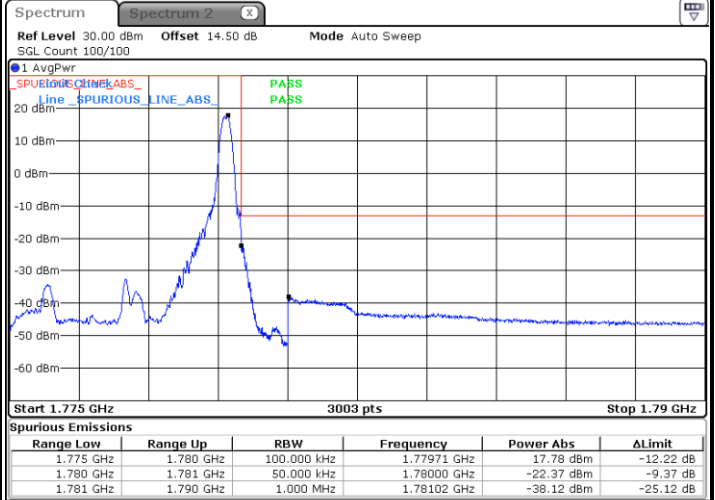
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



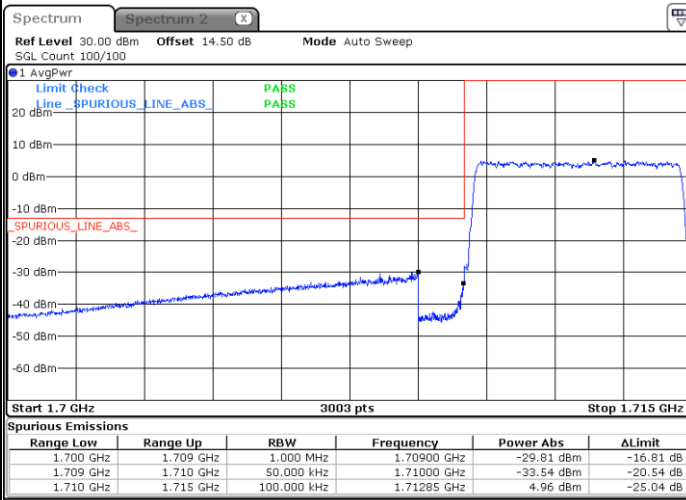
Date: 3.JAN.2024 18:31:01

Highest Band Edge / 1 RB



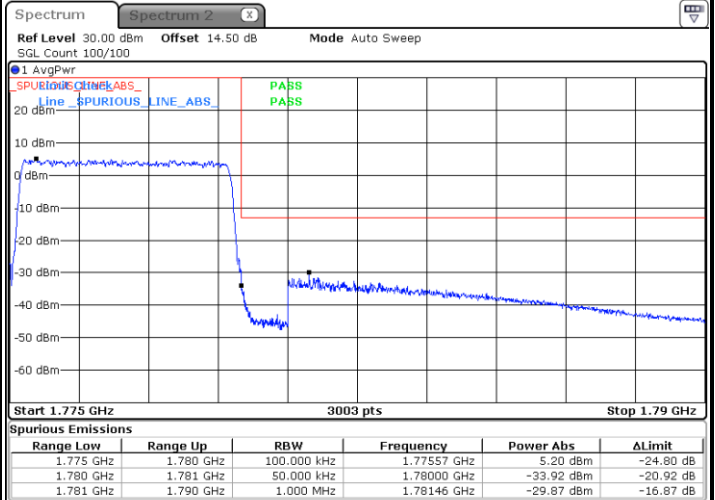
Date: 3.JAN.2024 18:40:28

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:35:03

Highest Band Edge / Full RB

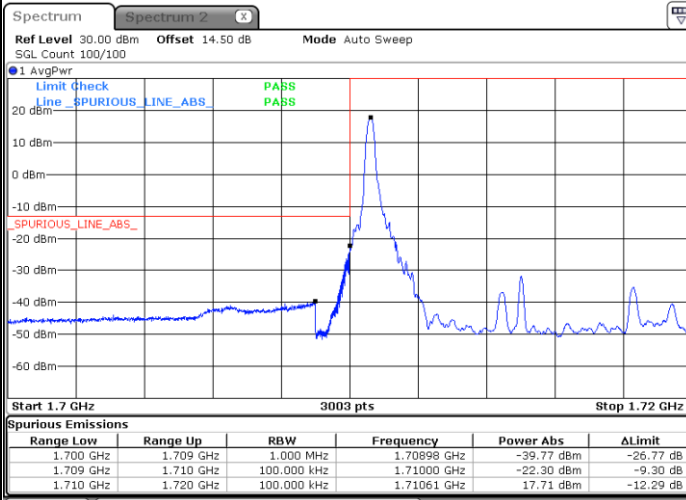


Date: 3.JAN.2024 18:43:19



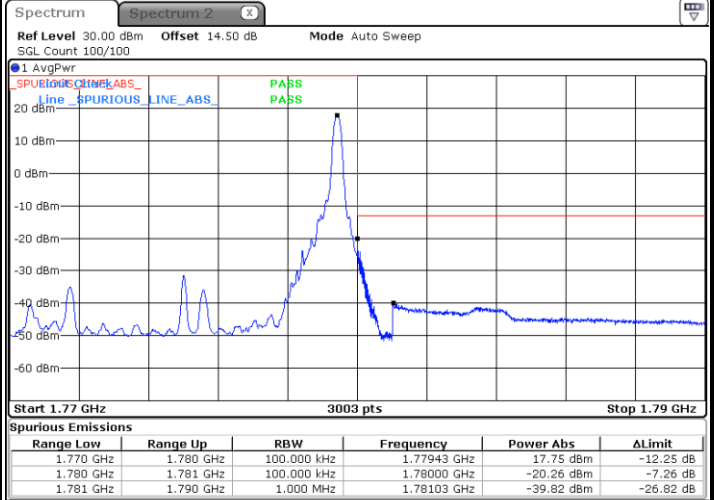
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1RB



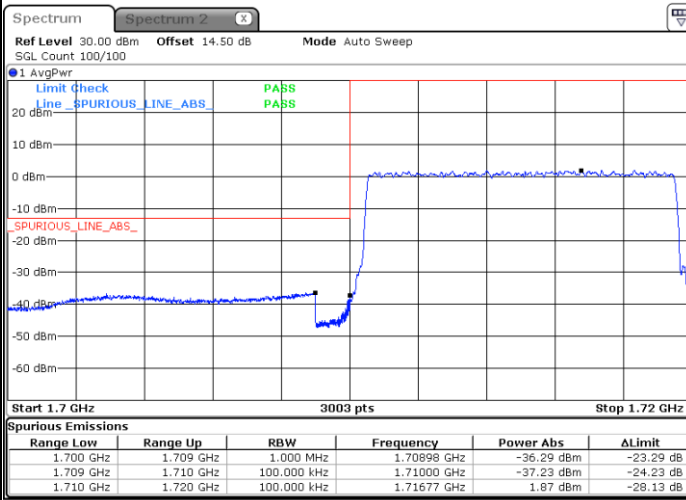
Date: 3.JAN.2024 18:46:16

Highest Band Edge / 1RB



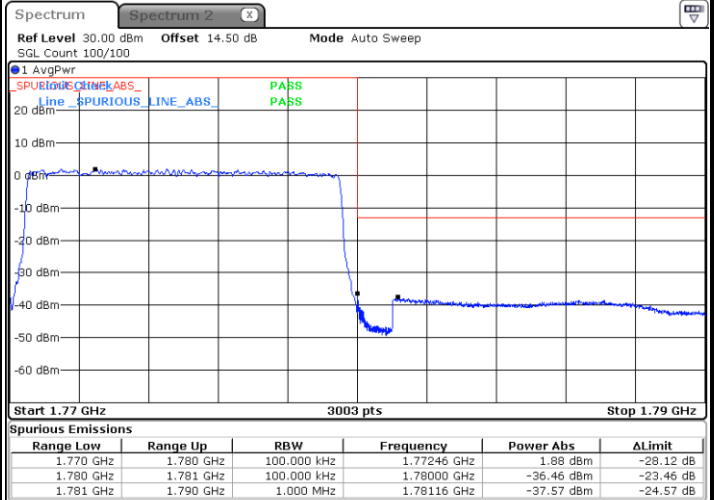
Date: 3.JAN.2024 18:55:42

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:49:07

Highest Band Edge / Full RB

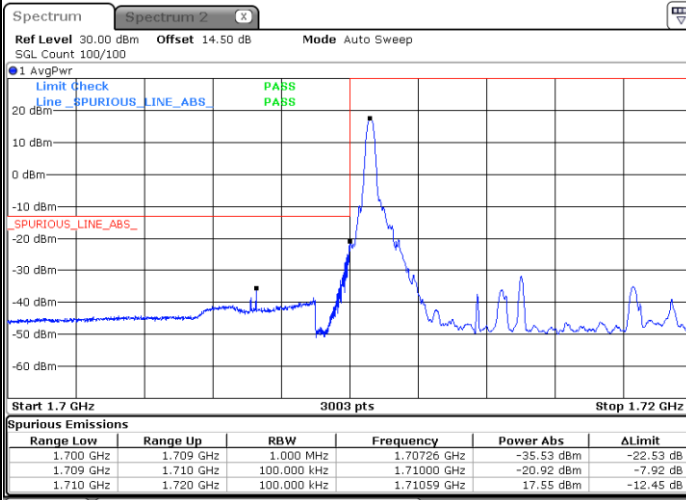


Date: 3.JAN.2024 18:58:34



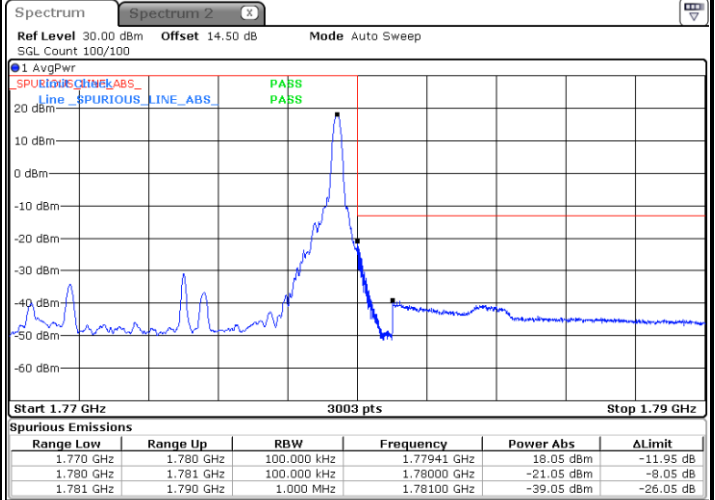
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



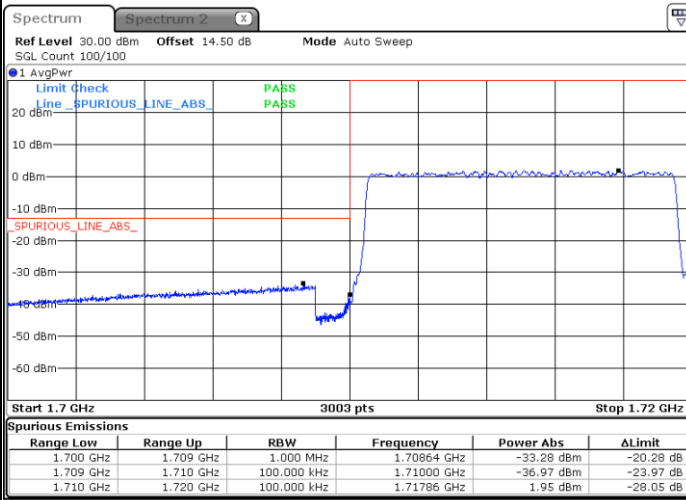
Date: 3.JAN.2024 18:47:13

Highest Band Edge / 1 RB



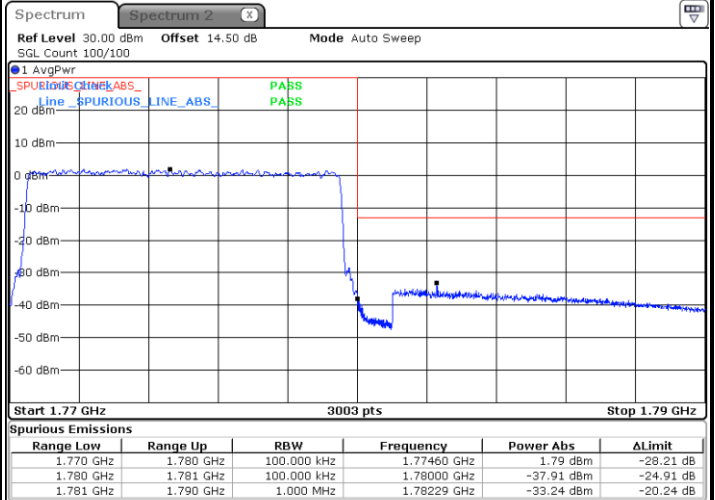
Date: 3.JAN.2024 18:56:39

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:50:04

Highest Band Edge / Full RB

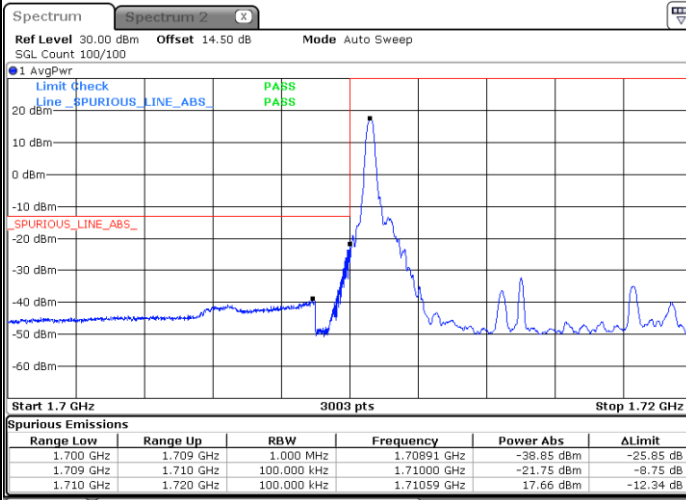


Date: 3.JAN.2024 18:59:31



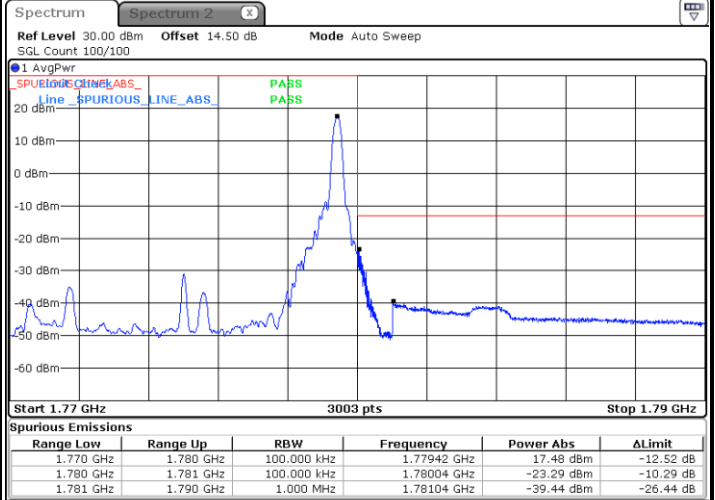
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



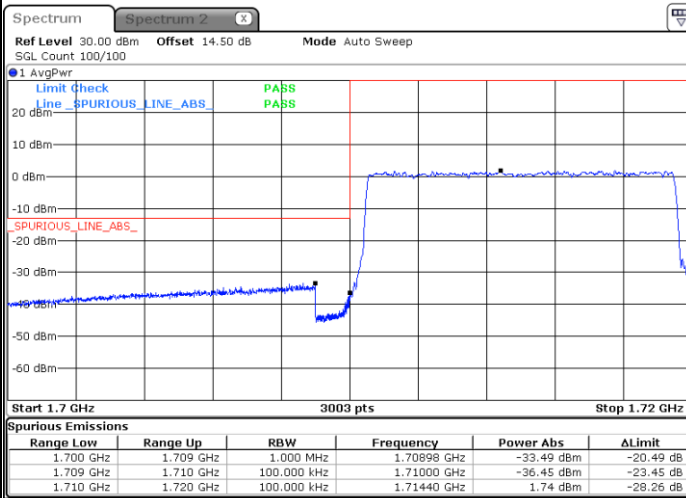
Date: 3.JAN.2024 18:48:10

Highest Band Edge / 1 RB



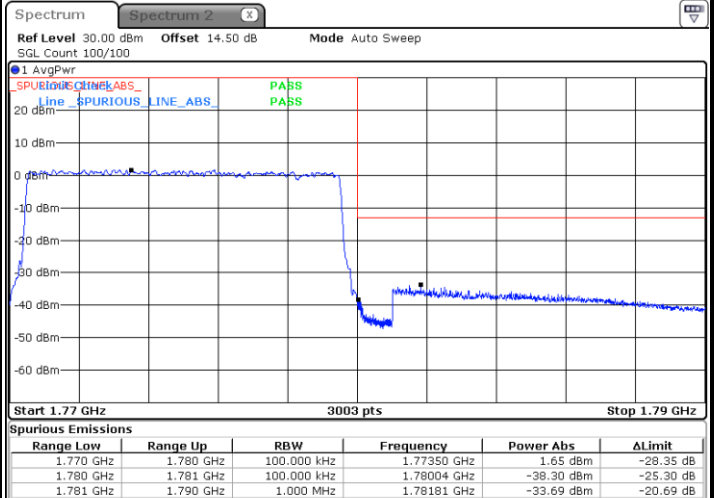
Date: 3.JAN.2024 18:57:36

Lowest Band Edge / Full RB



Date: 3.JAN.2024 18:51:01

Highest Band Edge / Full RB

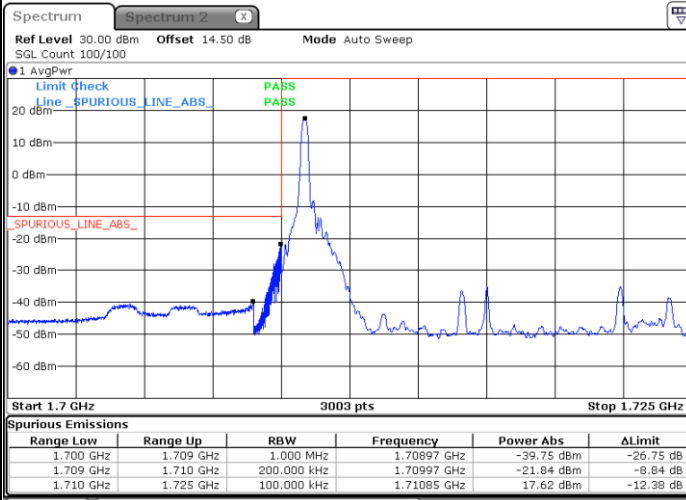


Date: 3.JAN.2024 19:00:28



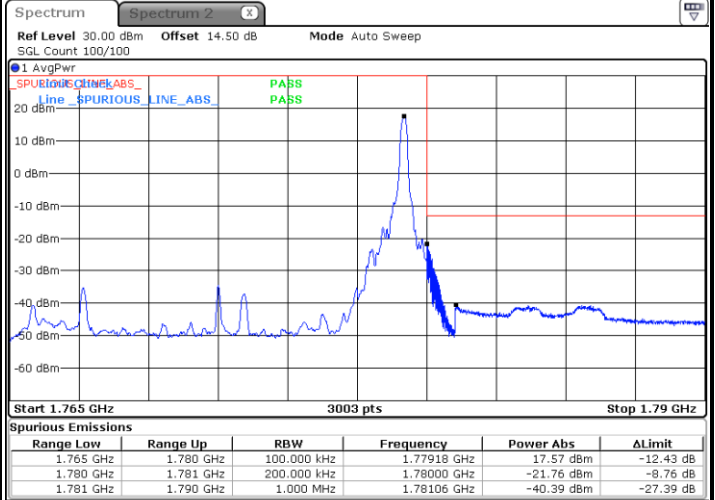
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1RB



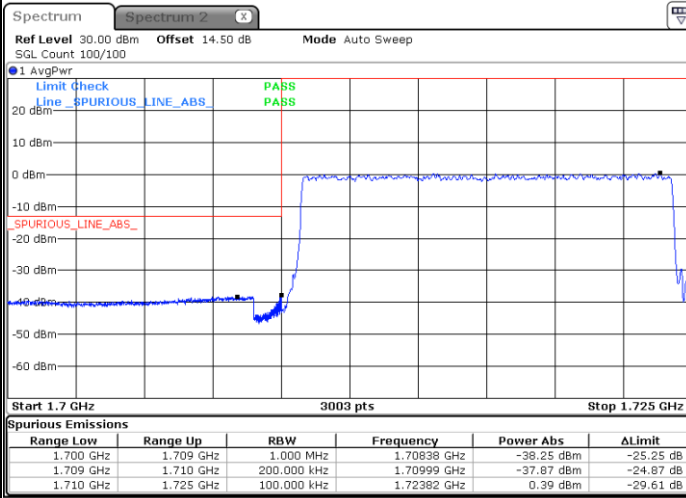
Date: 3.JAN.2024 19:03:59

Highest Band Edge / 1RB



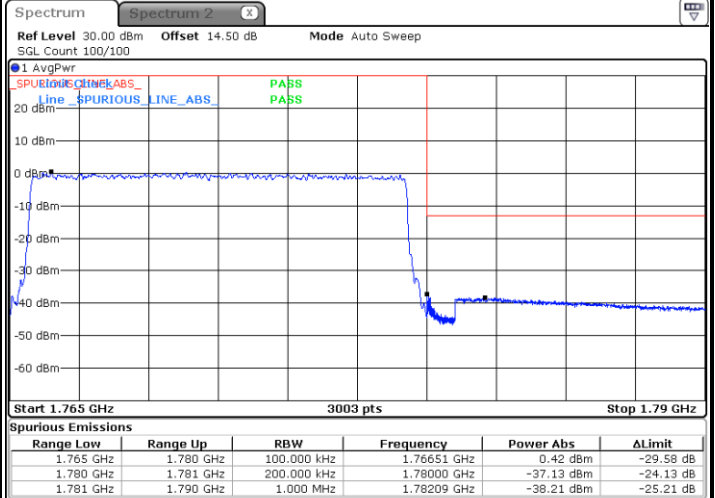
Date: 3.JAN.2024 19:13:26

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:06:50

Highest Band Edge / Full RB

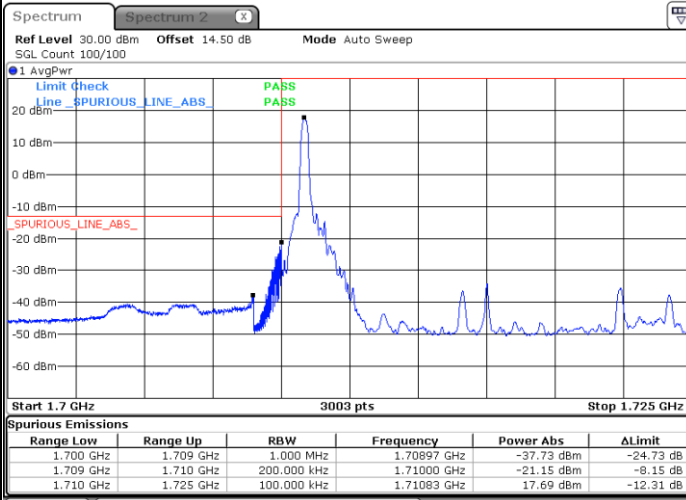


Date: 3.JAN.2024 19:16:17



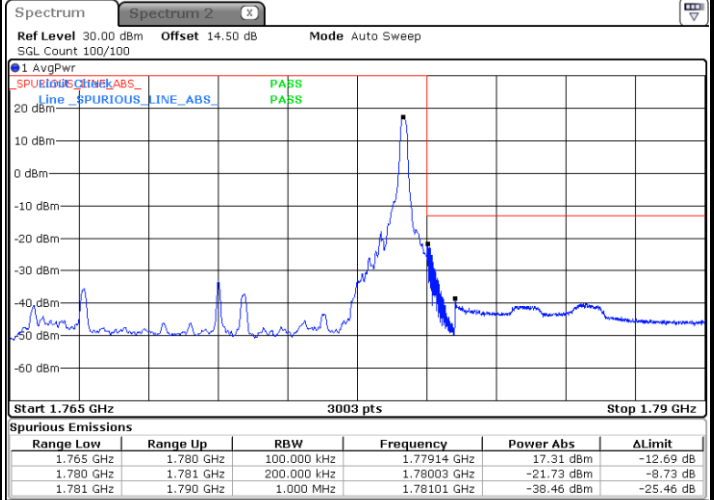
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



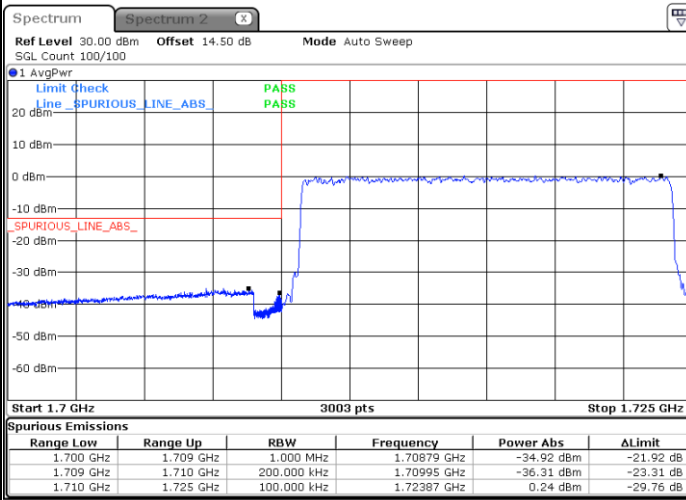
Date: 3.JAN.2024 19:04:56

Highest Band Edge / 1 RB



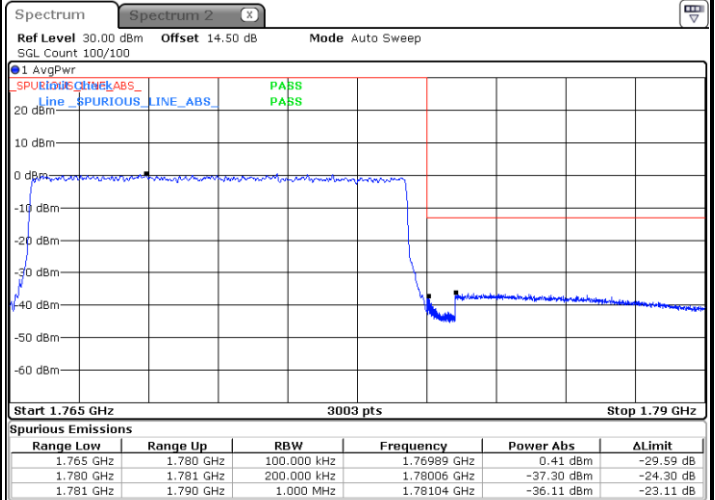
Date: 3.JAN.2024 19:14:23

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:07:47

Highest Band Edge / Full RB



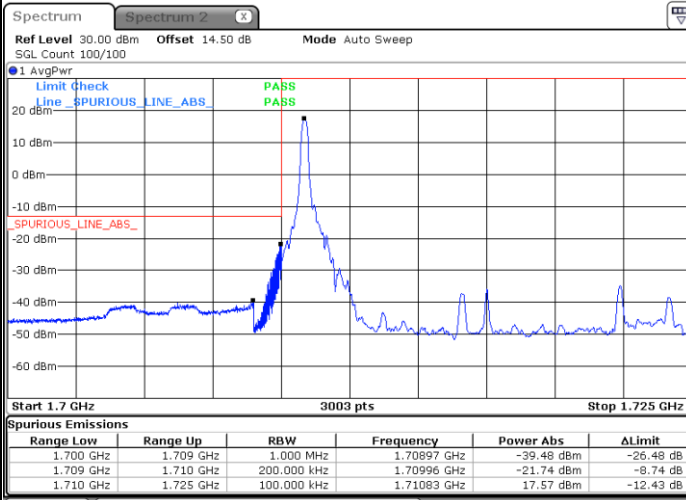
Date: 3.JAN.2024 19:17:14





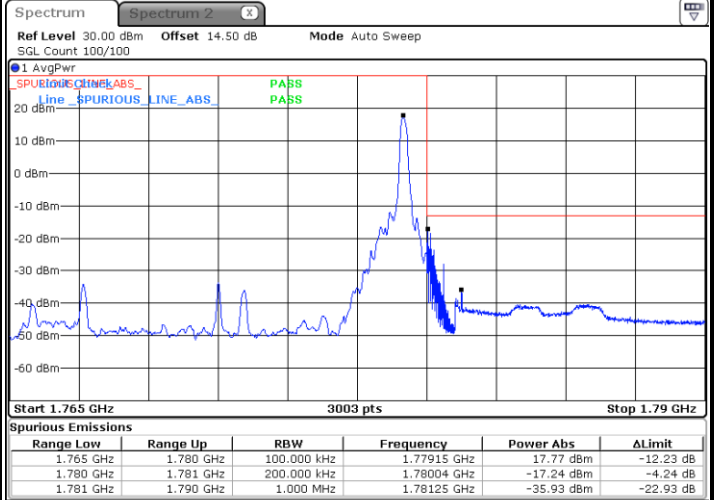
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



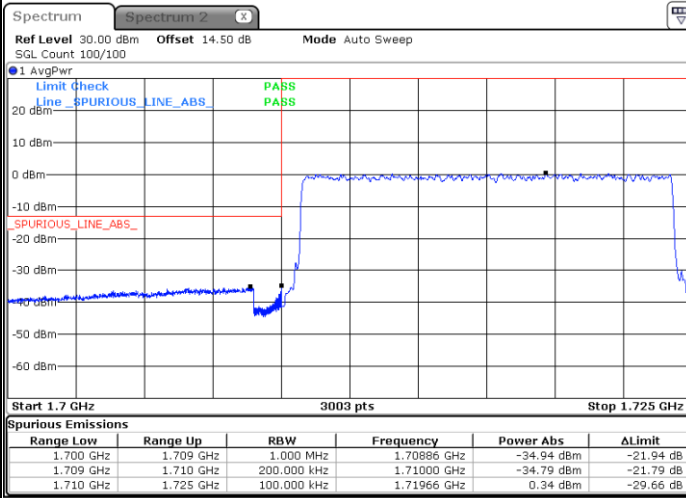
Date: 3.JAN.2024 19:05:53

Highest Band Edge / 1 RB



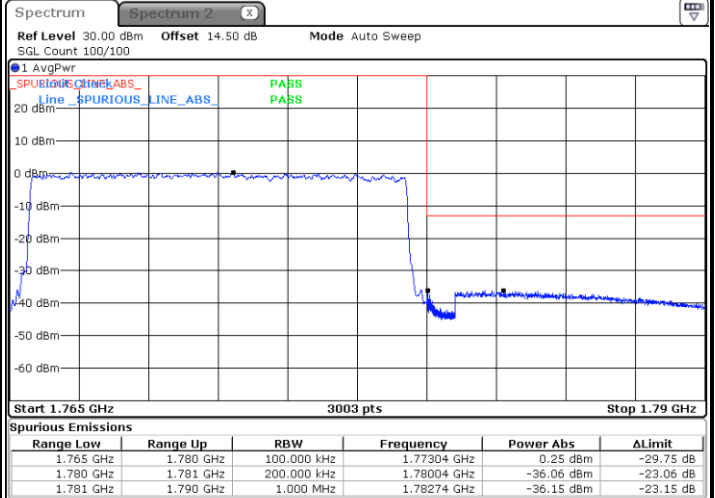
Date: 3.JAN.2024 19:15:20

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:08:44

Highest Band Edge / Full RB

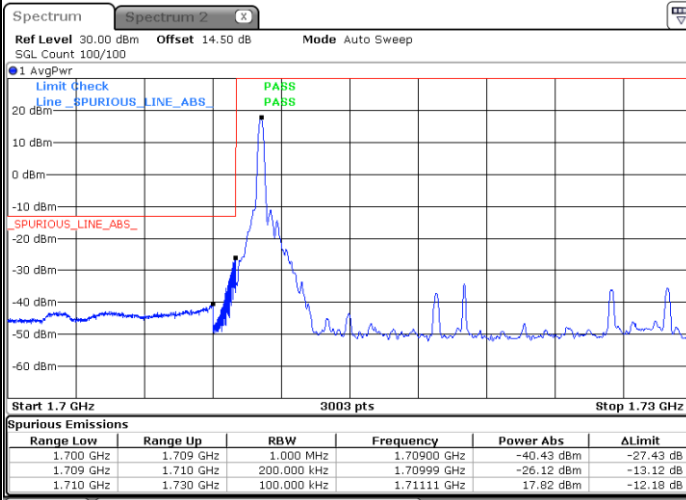


Date: 3.JAN.2024 19:18:11



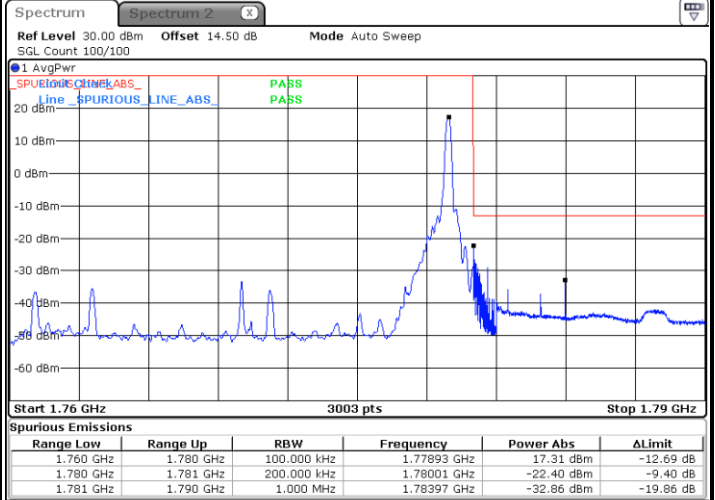
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



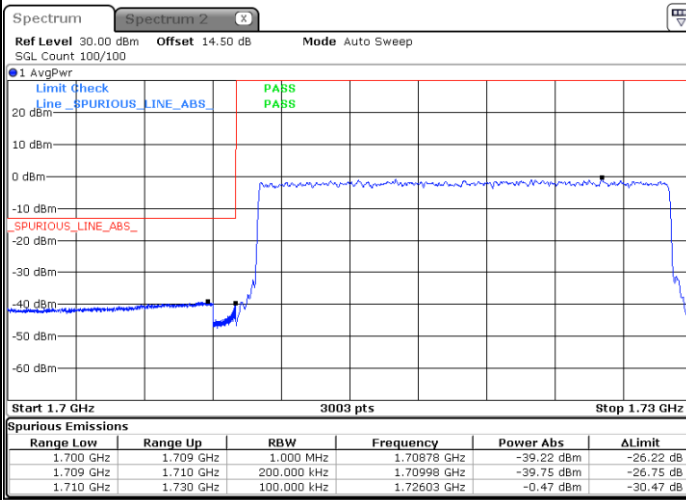
Date: 3.JAN.2024 19:21:08

Highest Band Edge / 1RB



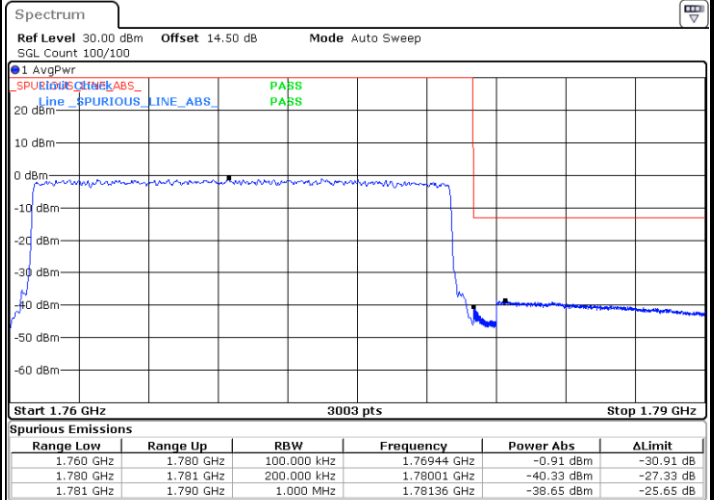
Date: 3.JAN.2024 19:32:00

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:23:59

Highest Band Edge / Full RB

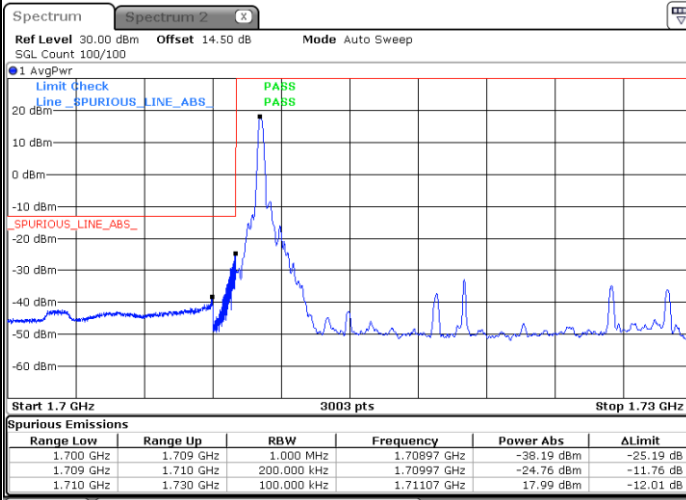


Date: 3.JAN.2024 19:34:51



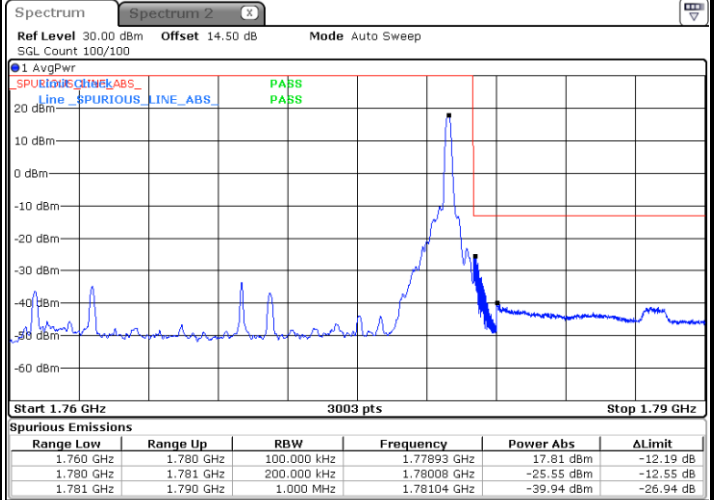
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



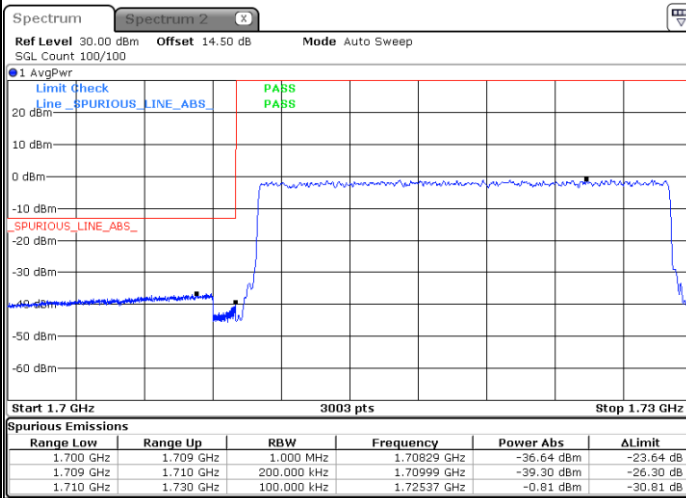
Date: 3.JAN.2024 19:22:05

Highest Band Edge / 1 RB



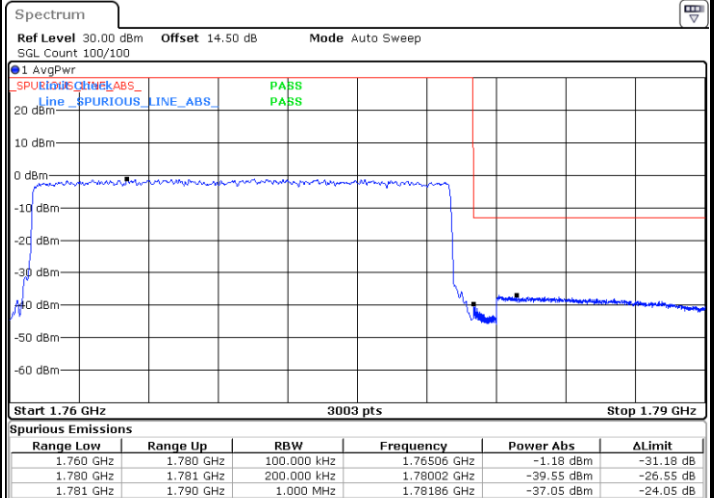
Date: 3.JAN.2024 19:32:57

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:24:56

Highest Band Edge / Full RB

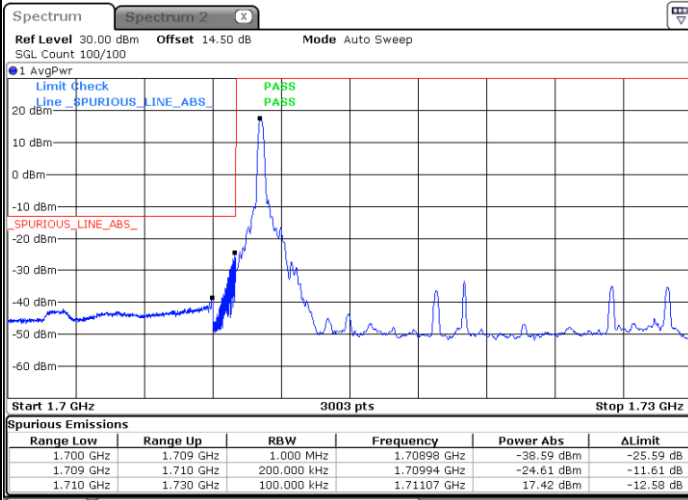


Date: 3.JAN.2024 19:35:48



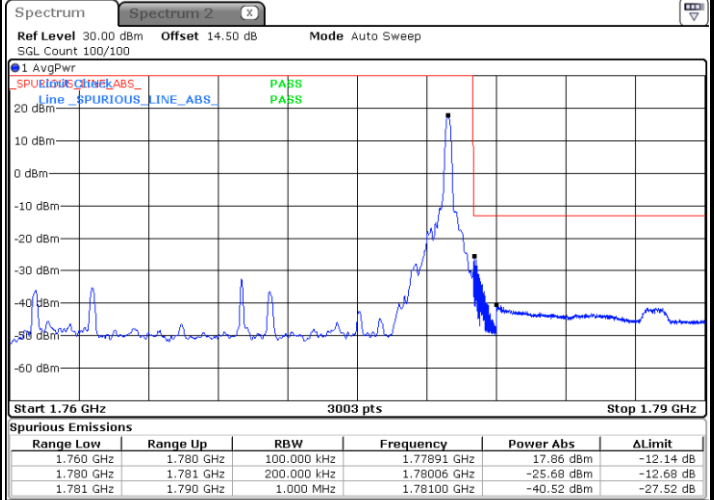
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



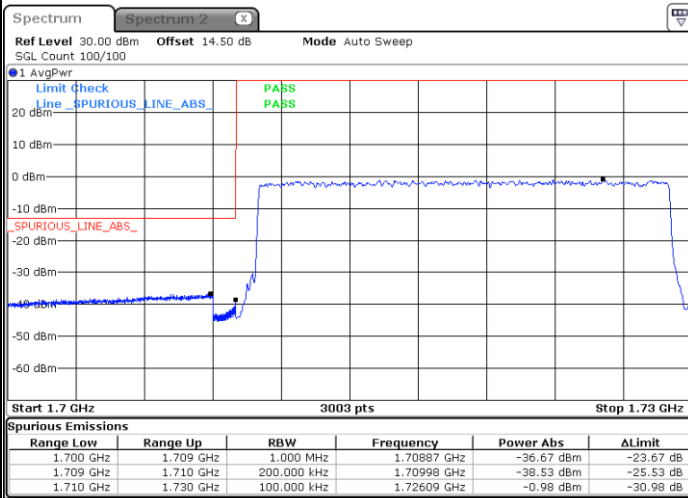
Date: 3.JAN.2024 19:23:02

Highest Band Edge / 1 RB



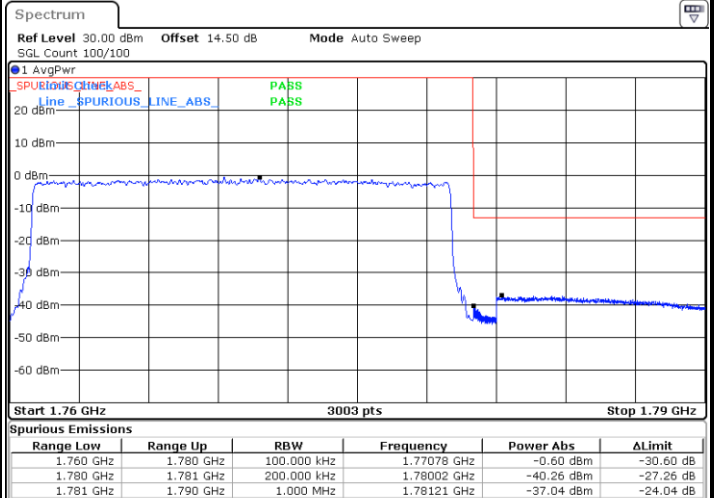
Date: 3.JAN.2024 19:33:54

Lowest Band Edge / Full RB



Date: 3.JAN.2024 19:25:53

Highest Band Edge / Full RB



Date: 3.JAN.2024 19:36:45

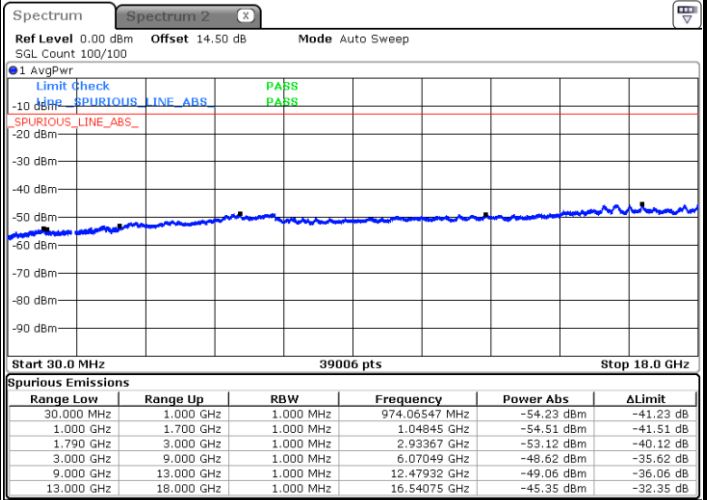
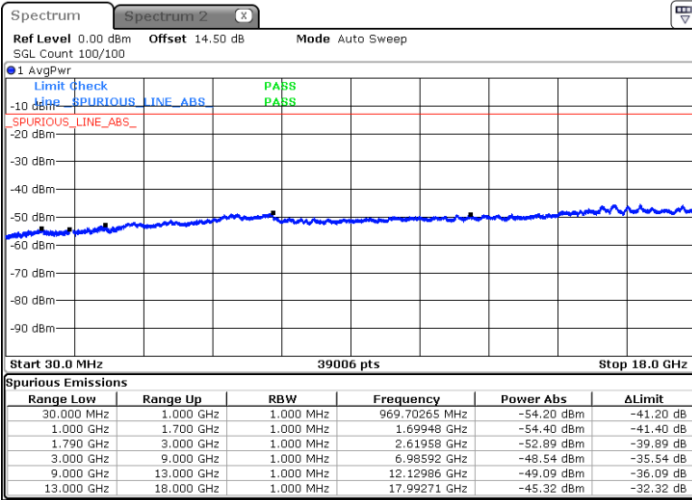


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

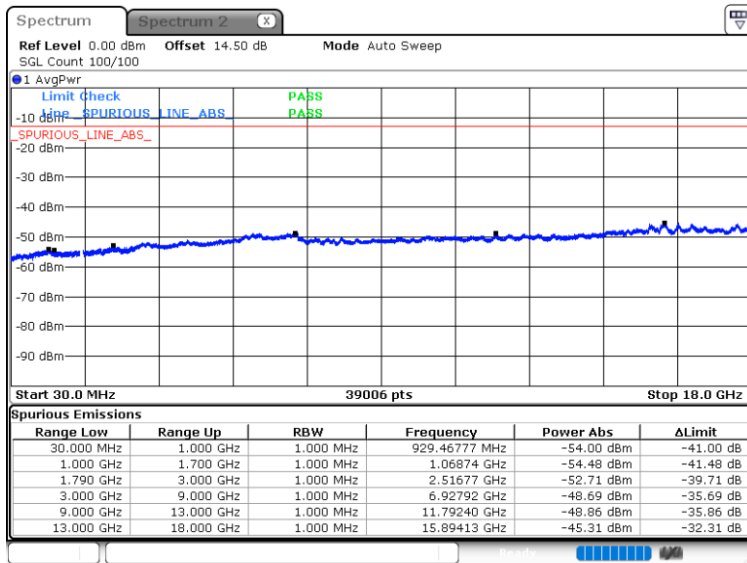
### Middle Channel / QPSK



Date: 3.JAN.2024 17:57:22

Date: 3.JAN.2024 18:01:23

### Highest Channel / QPSK



Date: 3.JAN.2024 18:06:48