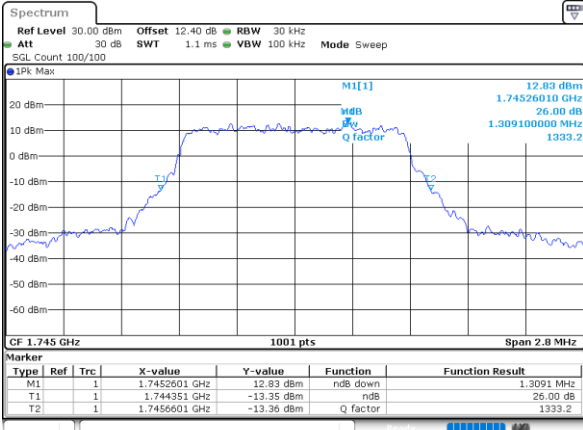




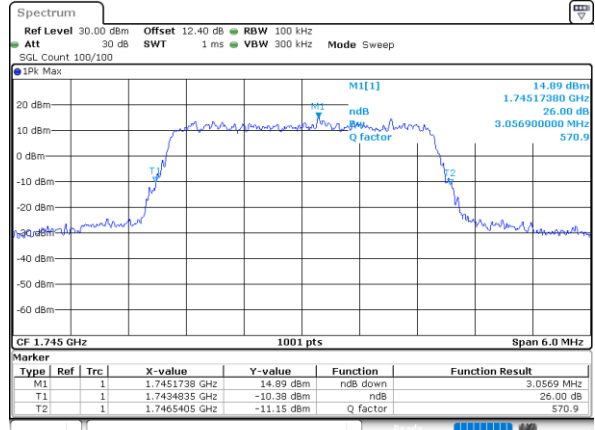
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



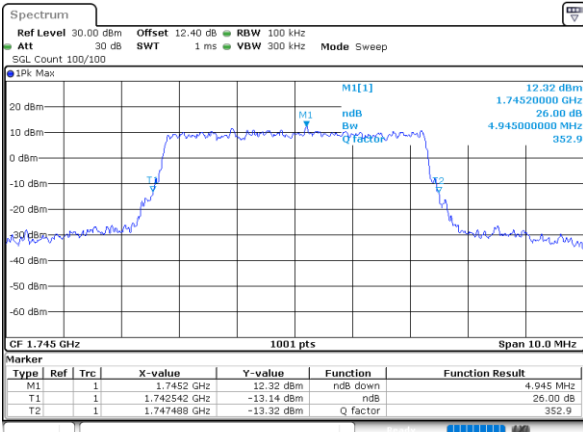
Date: 4.MAR.2024 14:18:55

Middle Channel / 3MHz / 256QAM



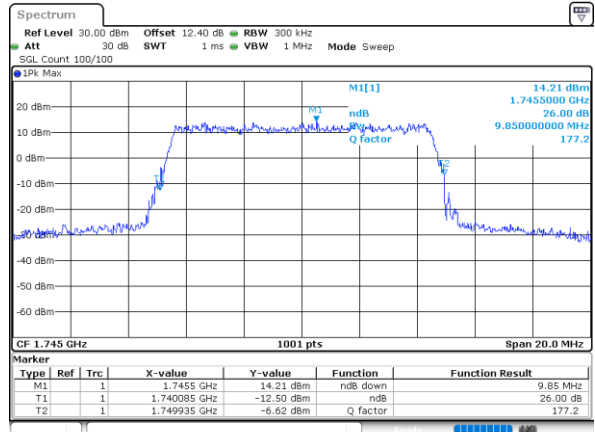
Date: 4.MAR.2024 11:23:41

Middle Channel / 5MHz / 256QAM



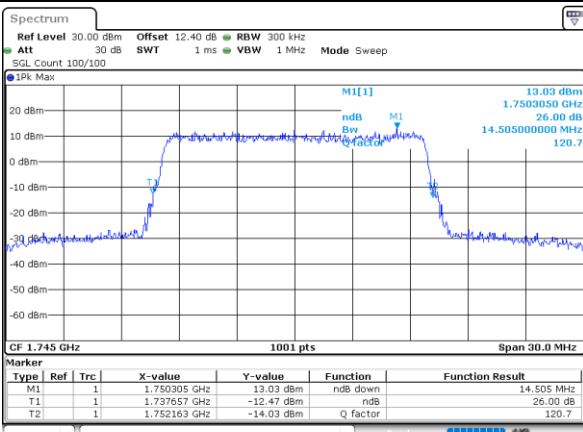
Date: 4.MAR.2024 11:28:06

Middle Channel / 10MHz / 256QAM



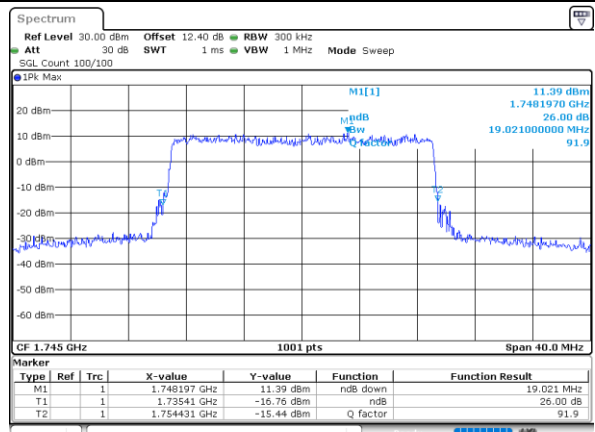
Date: 4.MAR.2024 11:34:12

Middle Channel / 15MHz / 256QAM



Date: 4.MAR.2024 13:47:00

Middle Channel / 20MHz / 256QAM



Date: 4.MAR.2024 13:55:26



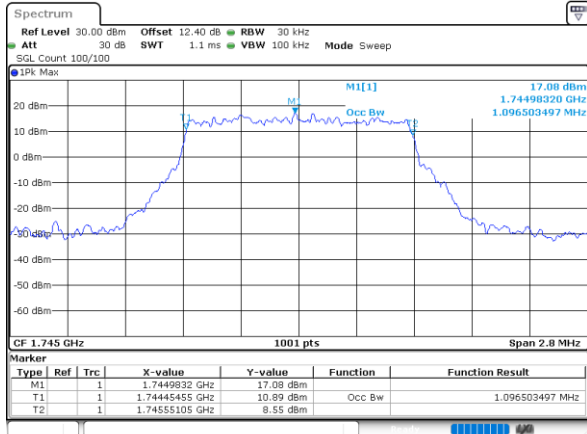
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.73	2.72	4.49	4.50	9.05	9.07	13.45	13.54	17.94	17.90
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.73	2.72	4.51	4.49	9.03	9.05	13.48	13.48	17.86	17.90

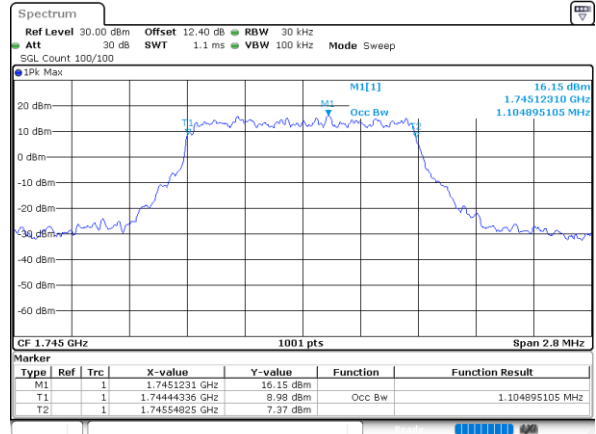


LTE Band 66

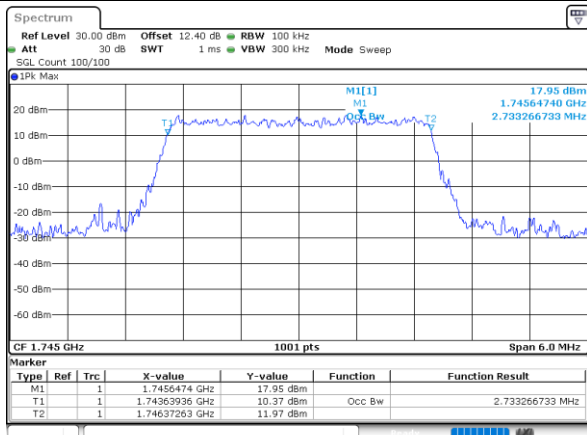
Middle Channel / 1.4MHz / QPSK



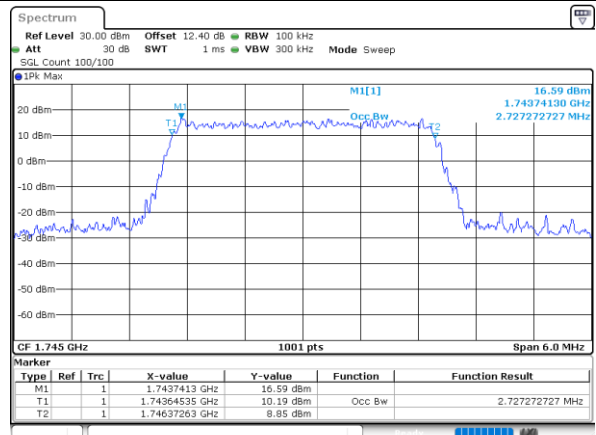
Middle Channel / 1.4MHz / 16QAM



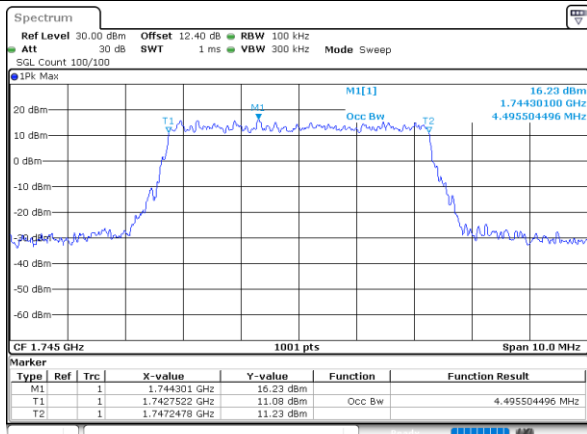
Middle Channel / 3MHz / QPSK



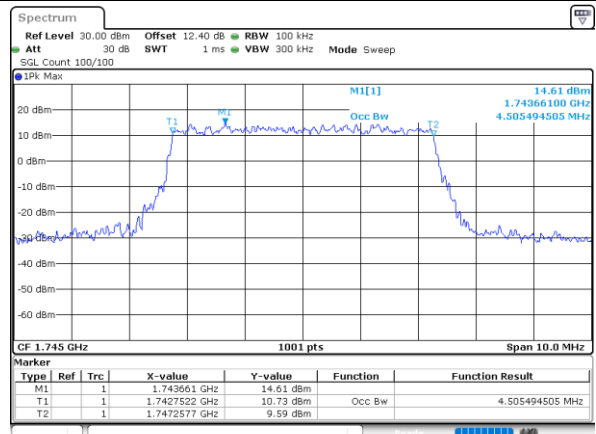
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



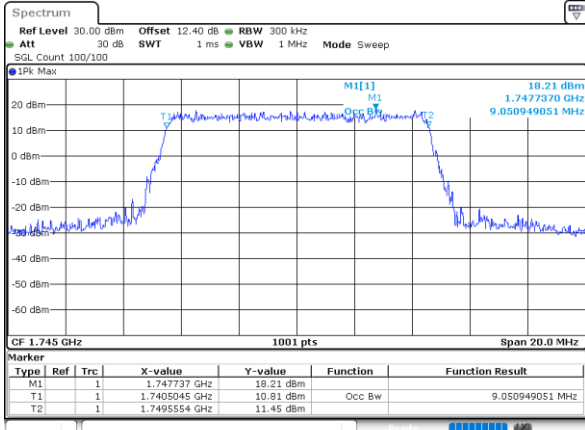
Middle Channel / 5MHz / 16QAM



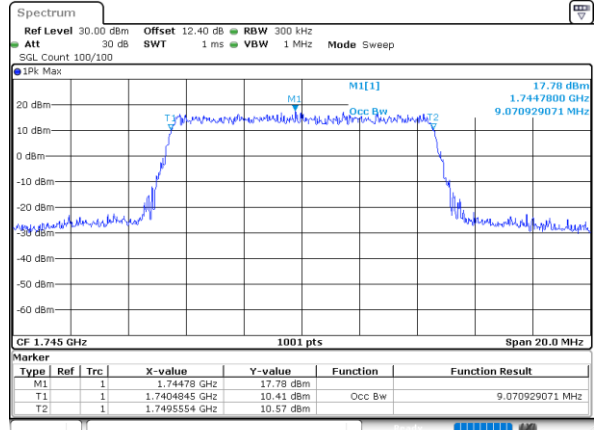


LTE Band 66

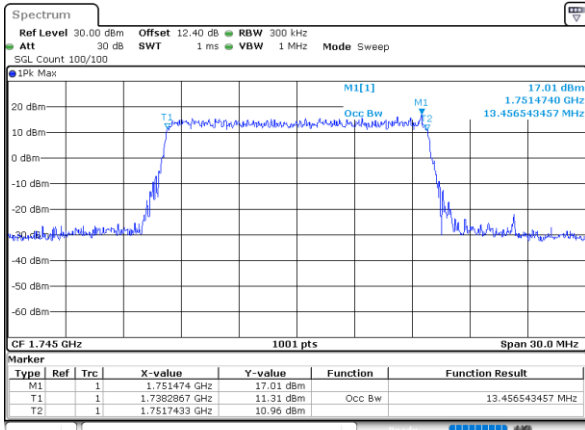
Middle Channel / 10MHz / QPSK



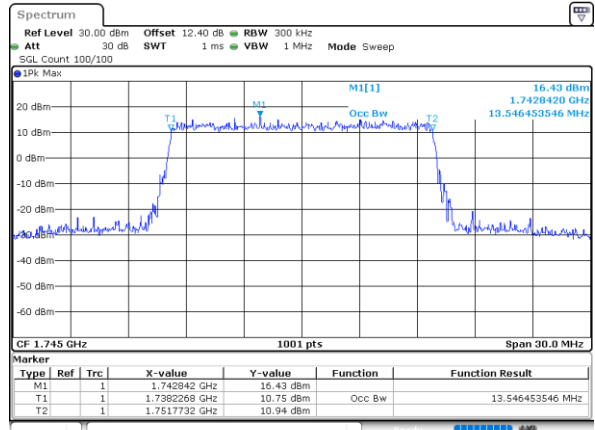
Middle Channel / 10MHz / 16QAM



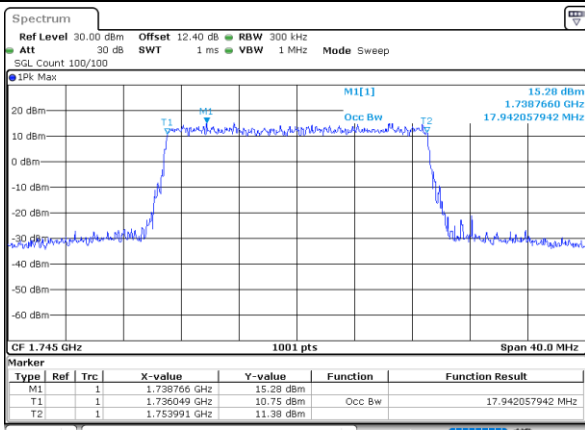
Middle Channel / 15MHz / QPSK



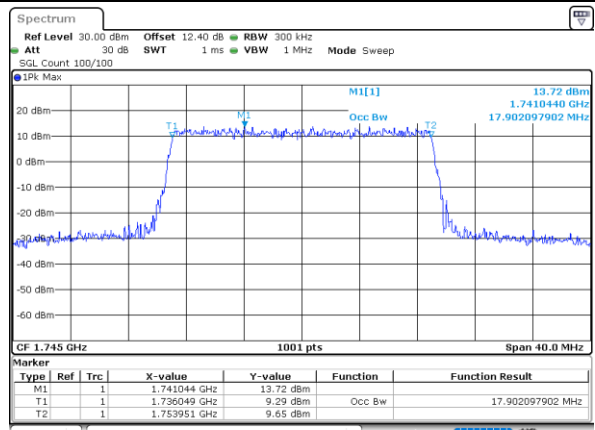
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



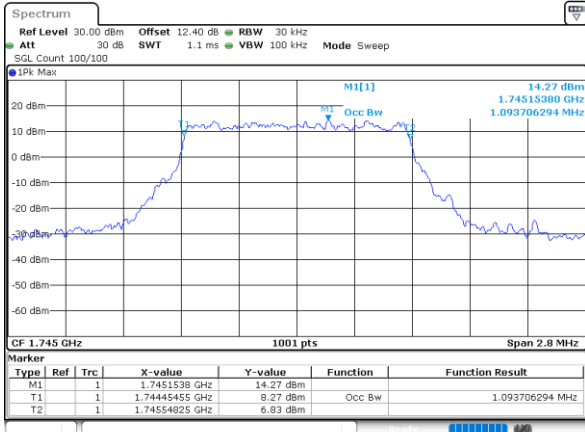
Middle Channel / 20MHz / 16QAM





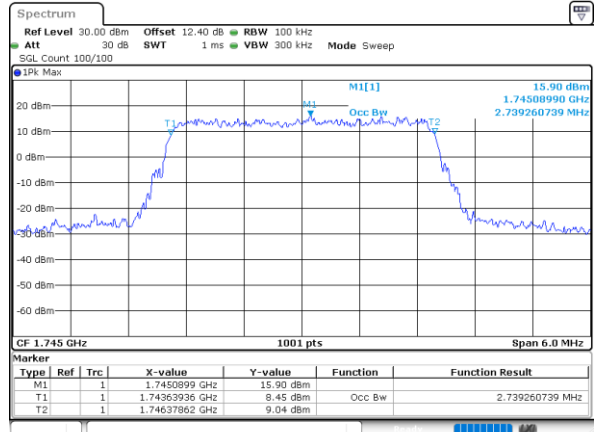
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



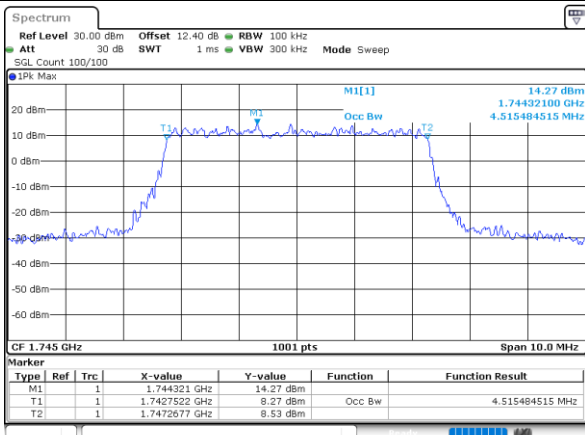
Date: 4.MAR.2024 10:03:34

Middle Channel / 3MHz / 64QAM



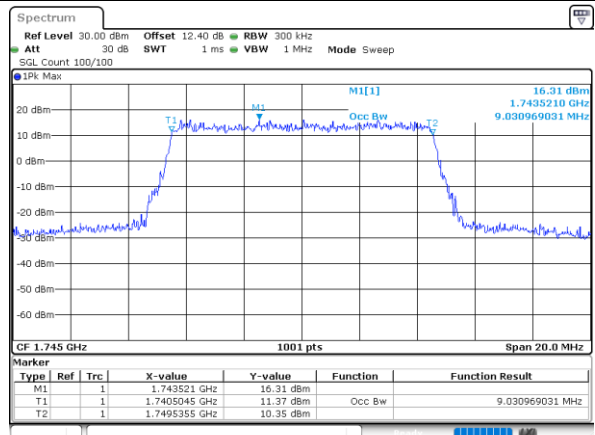
Date: 4.MAR.2024 10:12:58

Middle Channel / 5MHz / 64QAM



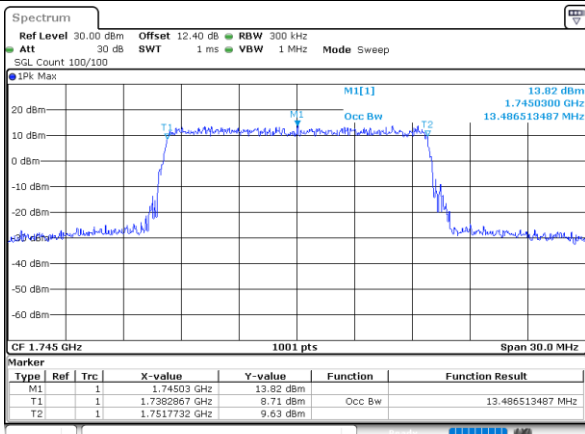
Date: 4.MAR.2024 10:15:29

Middle Channel / 10MHz / 64QAM



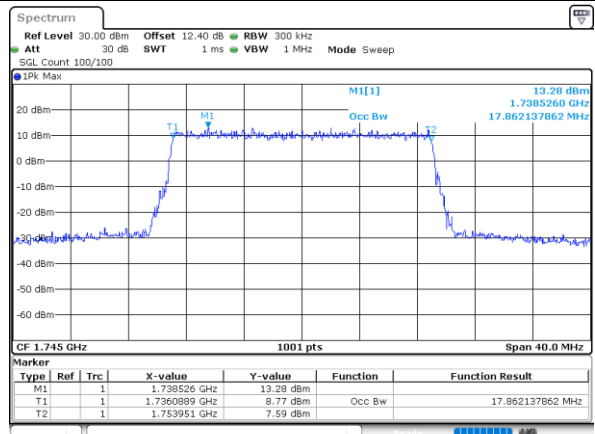
Date: 4.MAR.2024 10:29:59

Middle Channel / 15MHz / 64QAM



Date: 4.MAR.2024 10:32:40

Middle Channel / 20MHz / 64QAM

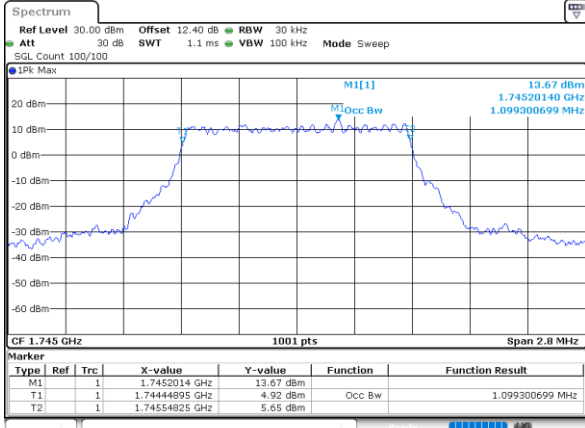


Date: 4.MAR.2024 10:47:01



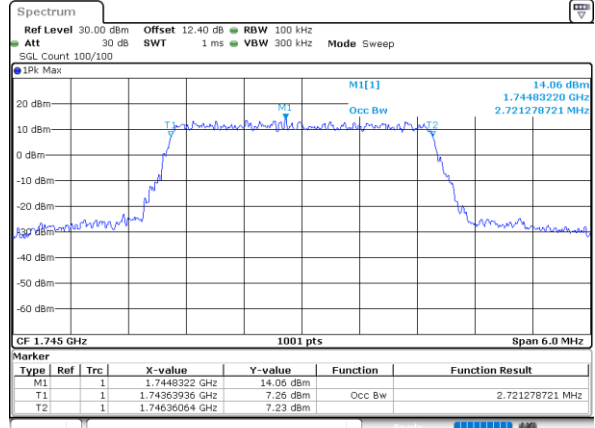
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



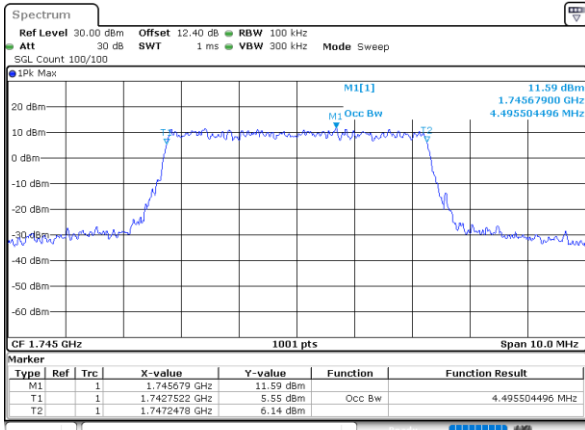
Date: 4.MAR.2024 11:14:39

Middle Channel / 3MHz / 256QAM



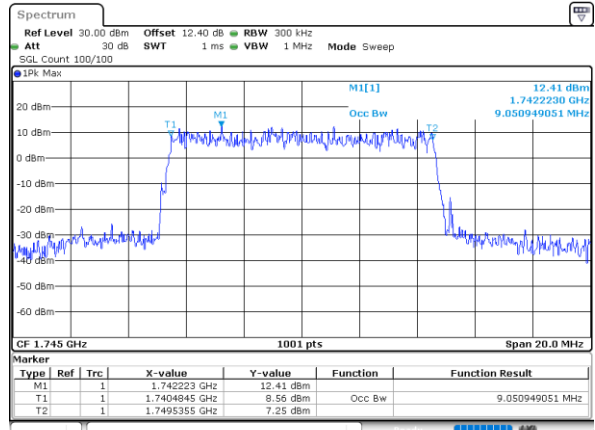
Date: 4.MAR.2024 11:23:16

Middle Channel / 5MHz / 256QAM



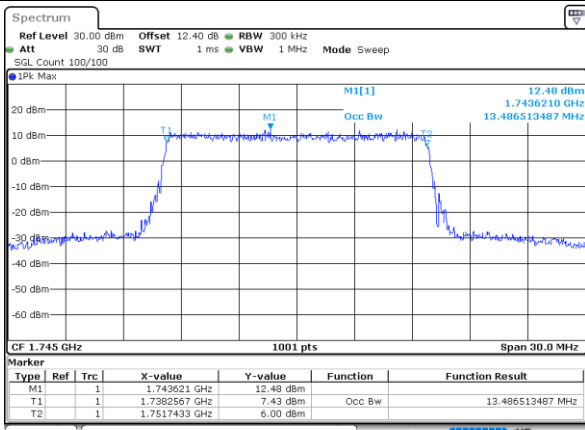
Date: 4.MAR.2024 11:27:41

Middle Channel / 10MHz / 256QAM



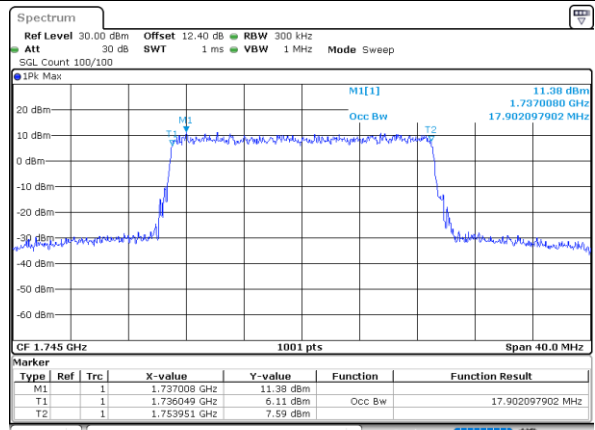
Date: 4.MAR.2024 11:33:46

Middle Channel / 15MHz / 256QAM



Date: 4.MAR.2024 13:46:34

Middle Channel / 20MHz / 256QAM



Date: 4.MAR.2024 13:55:01

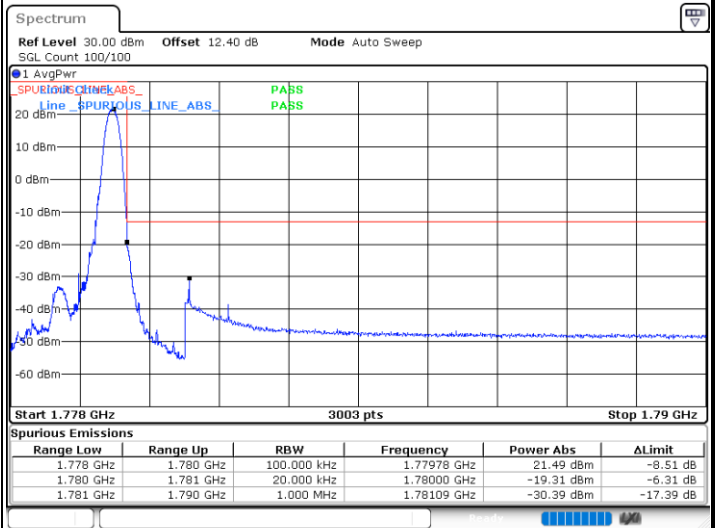
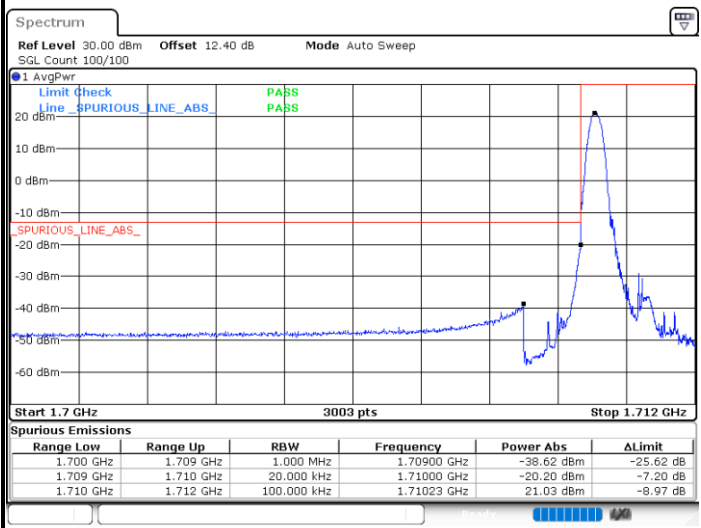


Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

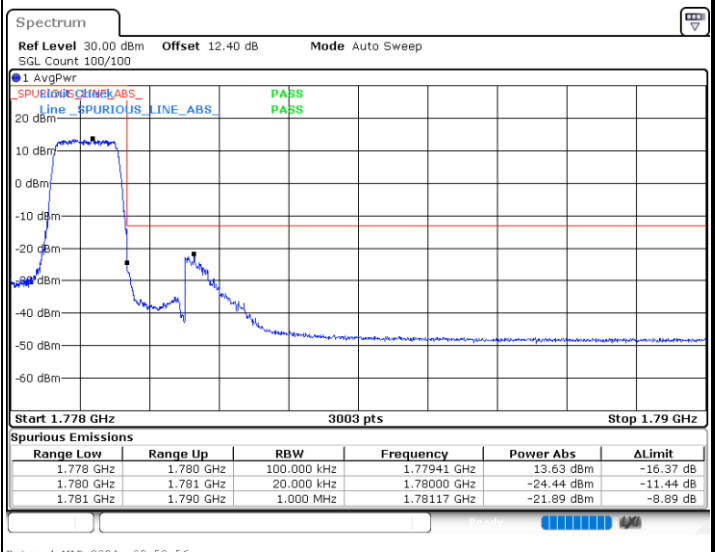
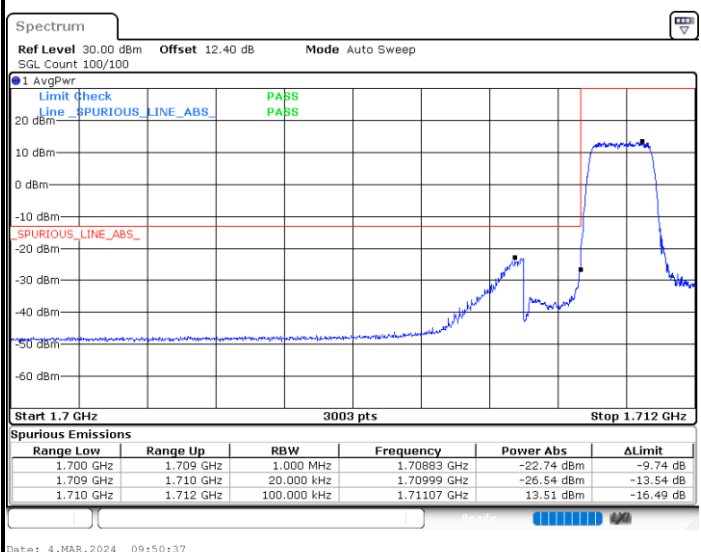
Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Lowest Band Edge / Full RB

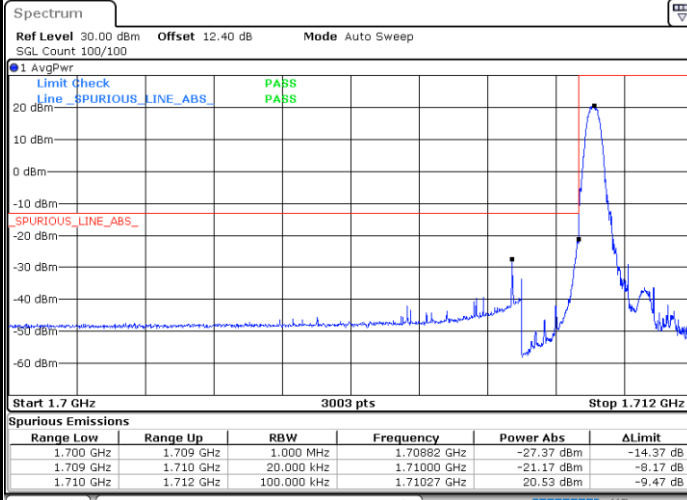
Highest Band Edge / Full RB





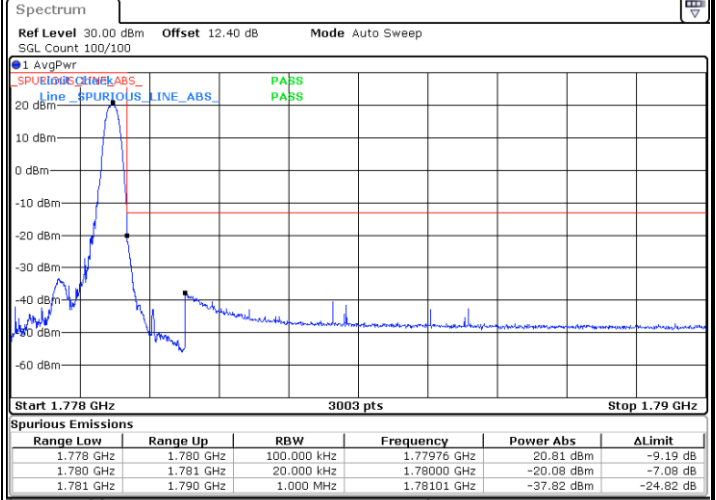
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



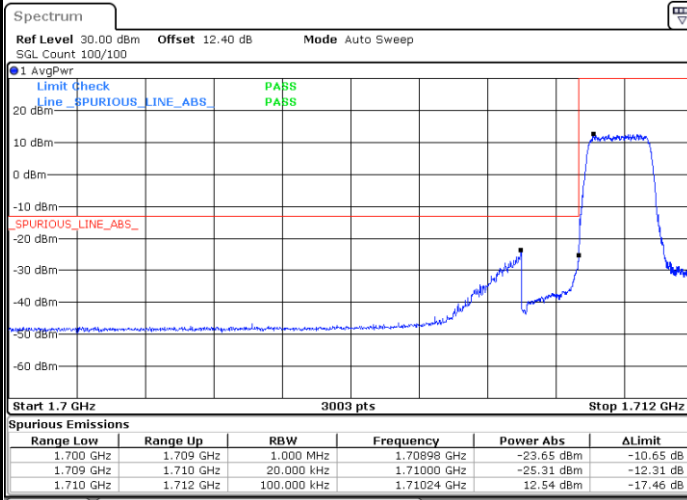
Date: 4.MAR.2024 09:49:40

Highest Band Edge / 1 RB



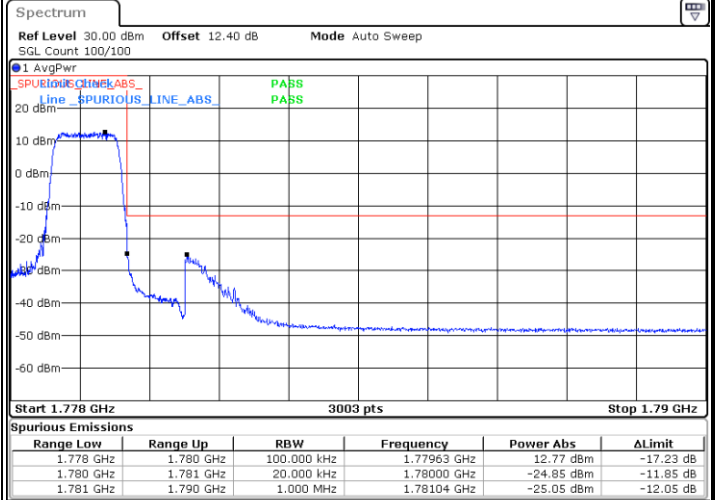
Date: 4.MAR.2024 09:57:58

Lowest Band Edge / Full RB



Date: 4.MAR.2024 09:51:35

Highest Band Edge / Full RB

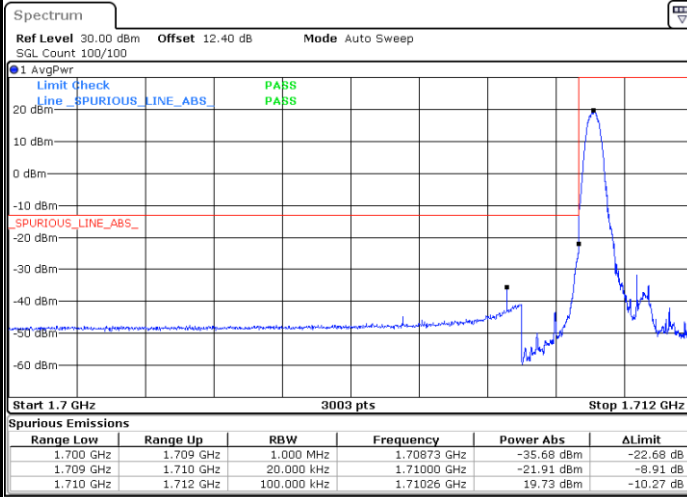


Date: 4.MAR.2024 09:59:53



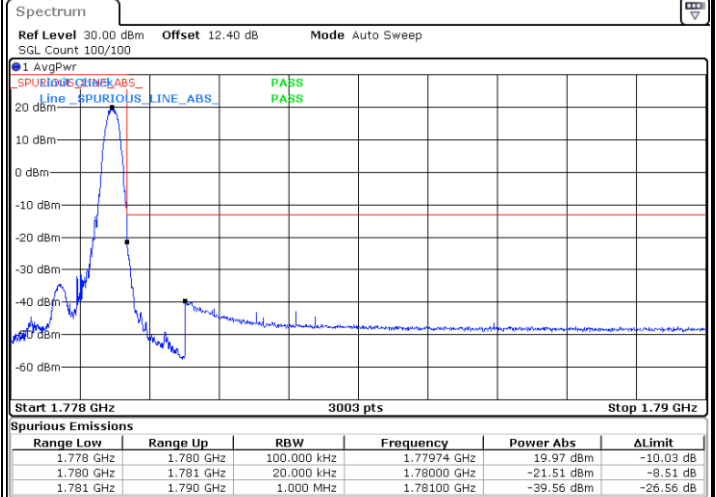
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



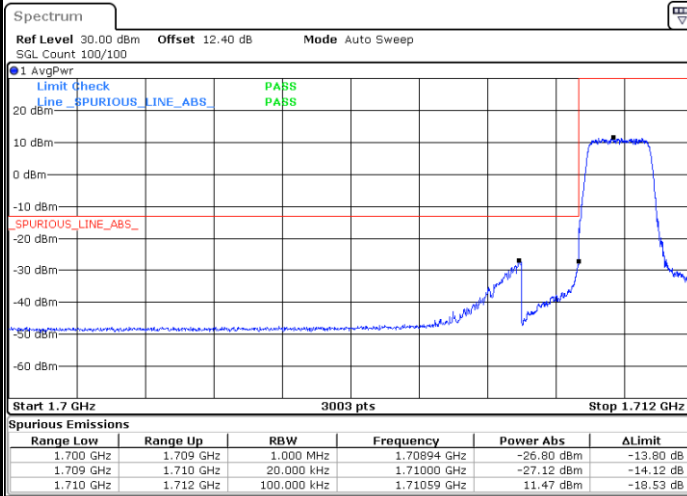
Date: 4.MAR.2024 10:02:08

Highest Band Edge / 1 RB



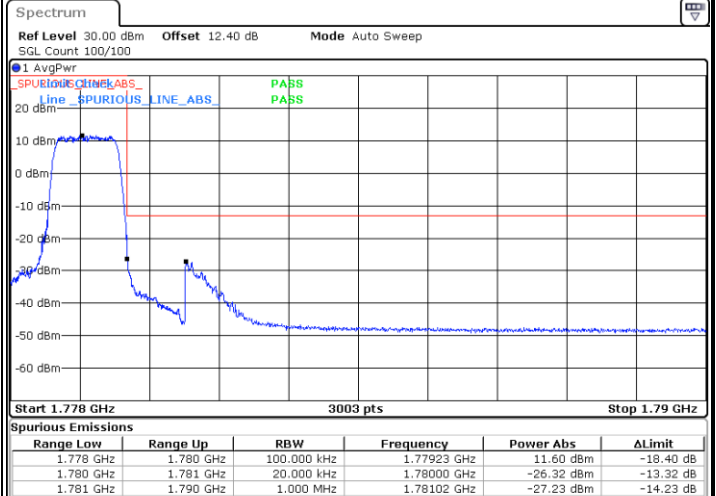
Date: 4.MAR.2024 10:04:44

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:03:06

Highest Band Edge / Full RB

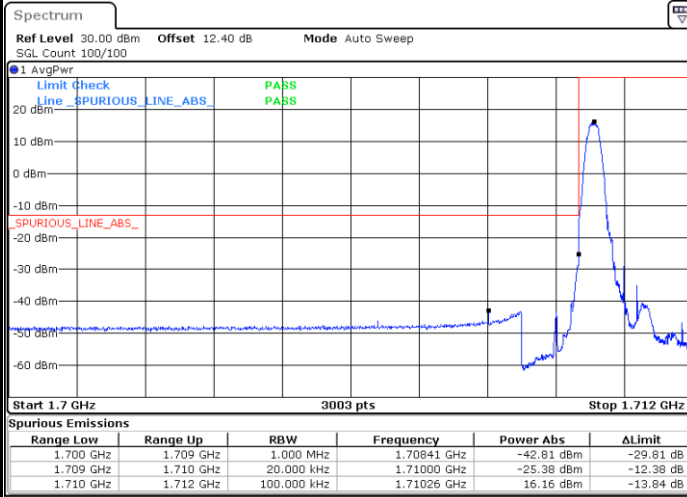


Date: 4.MAR.2024 10:05:42



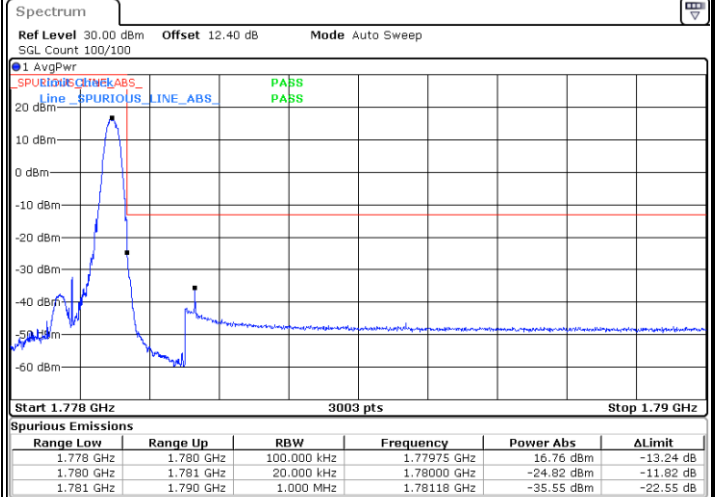
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



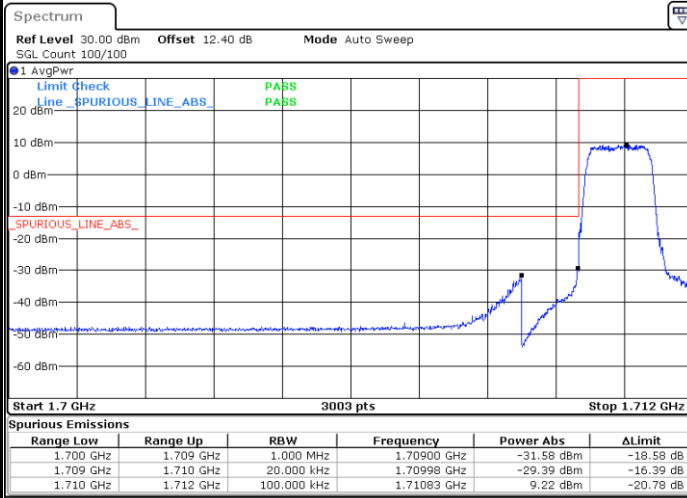
Date: 4.MAR.2024 11:04:38

Highest Band Edge / 1 RB



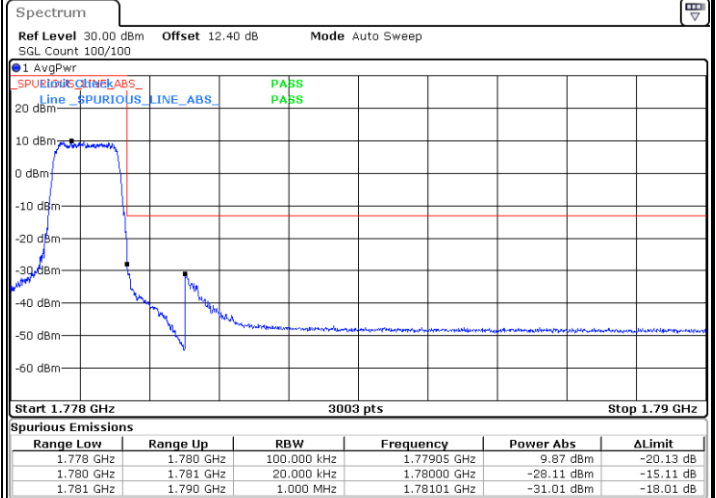
Date: 4.MAR.2024 11:16:59

Lowest Band Edge / Full RB



Date: 4.MAR.2024 11:14:13

Highest Band Edge / Full RB

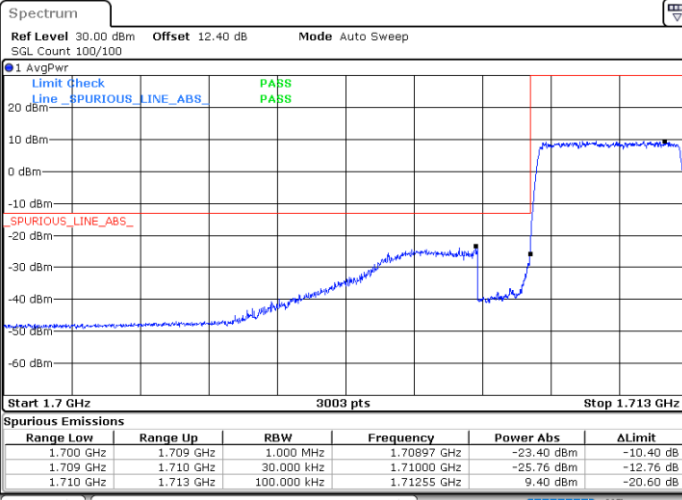


Date: 4.MAR.2024 11:19:20

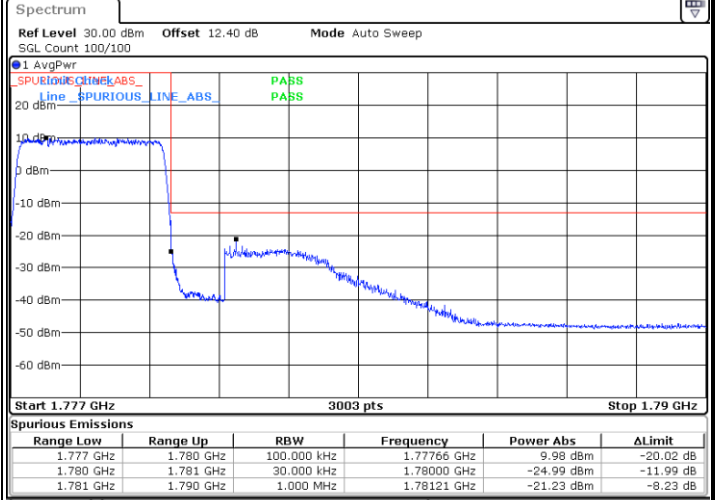


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

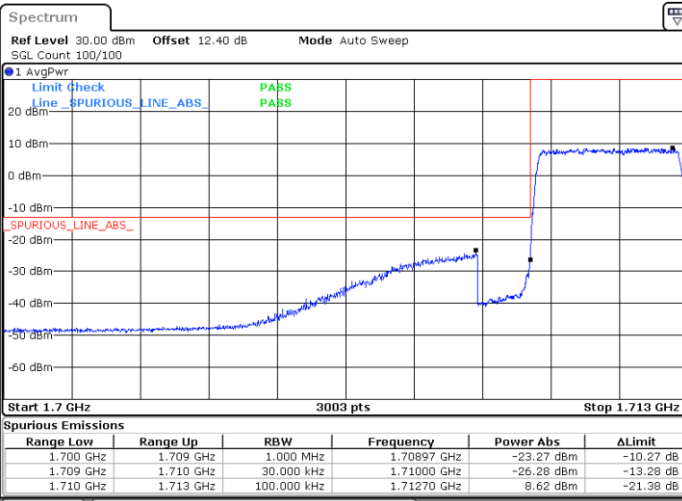


Highest Band Edge / Full RB



LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



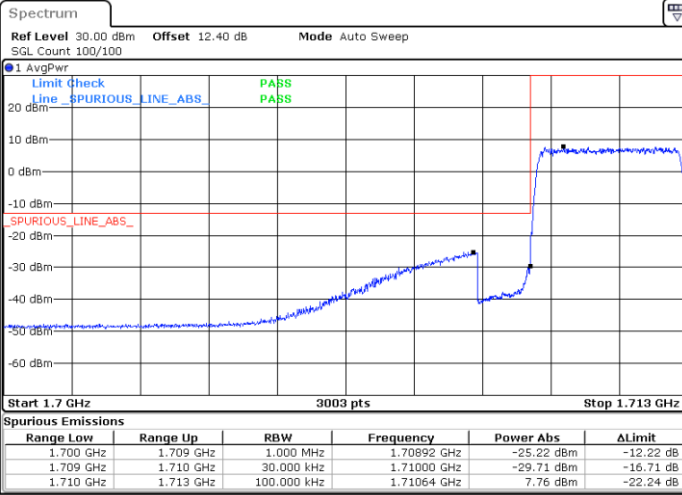
Highest Band Edge / Full RB





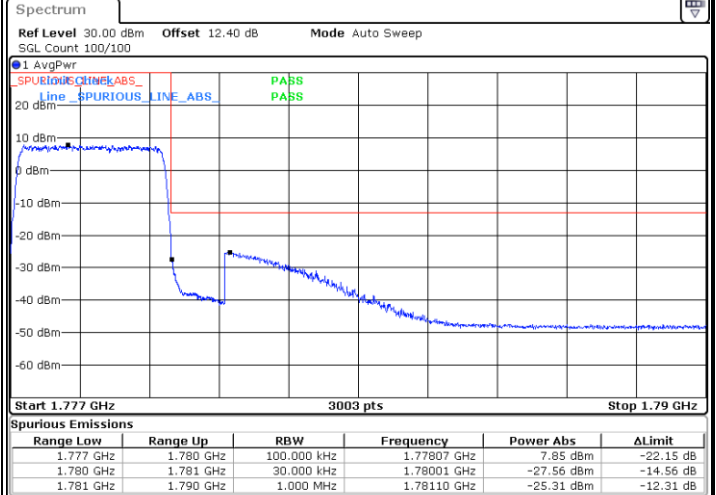
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:12:29

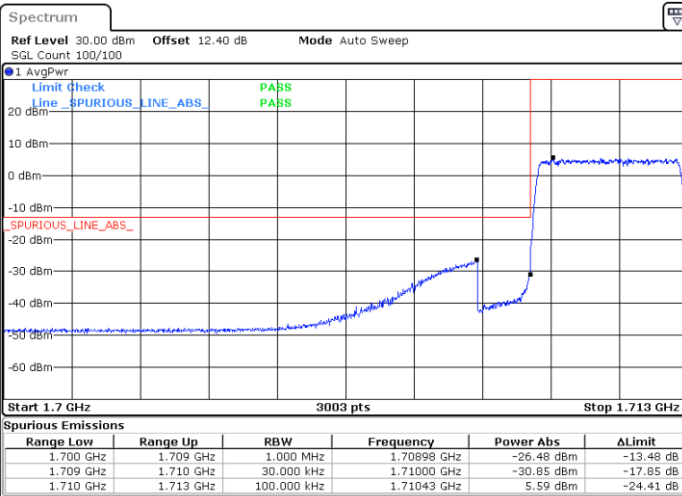
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:14:08

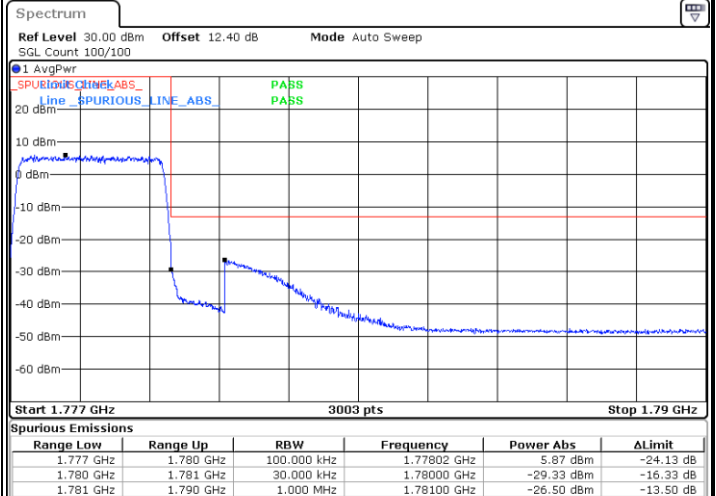
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 11:22:49

Highest Band Edge / Full RB

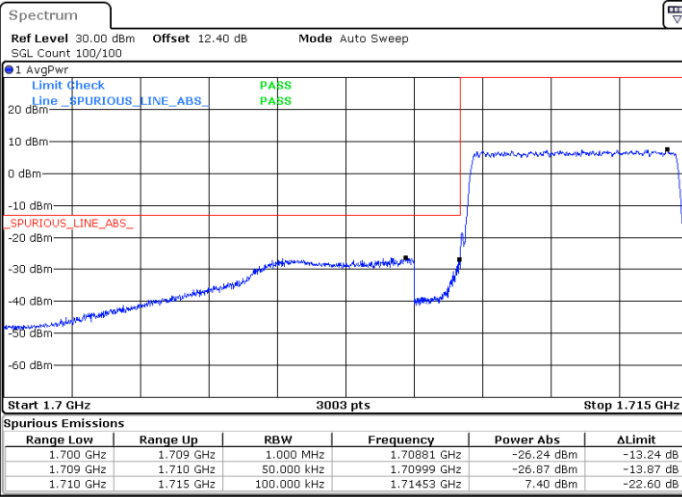


Date: 4.MAR.2024 11:24:40



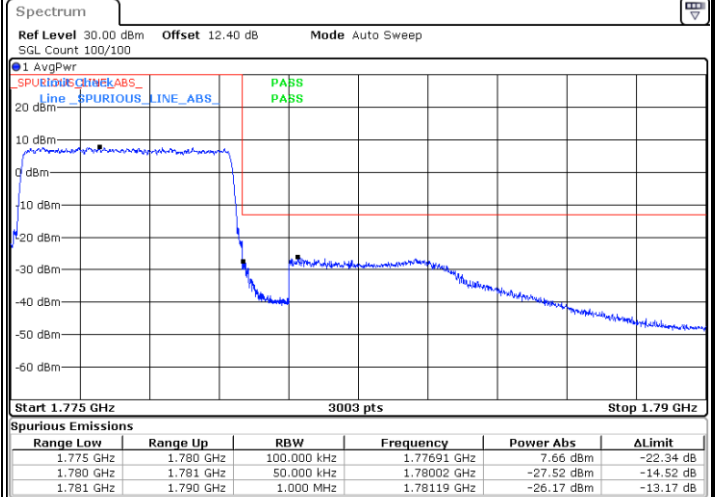
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:17:46

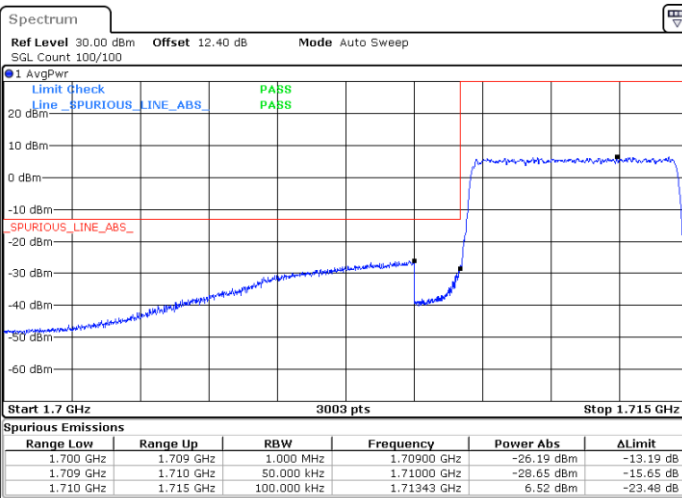
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:21:34

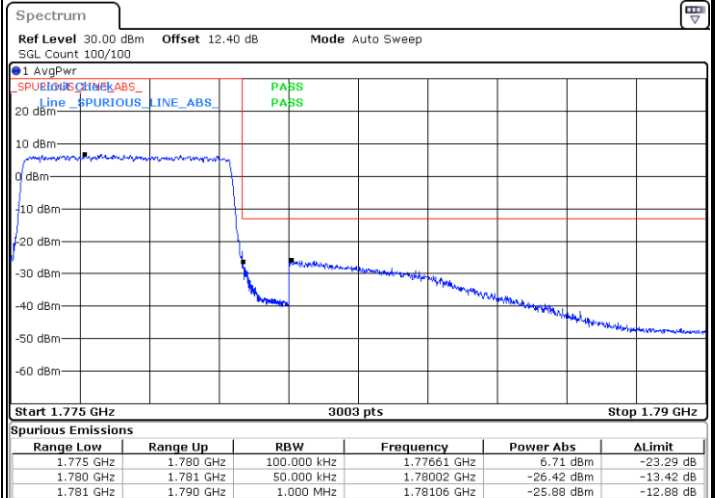
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:18:44

Highest Band Edge / Full RB

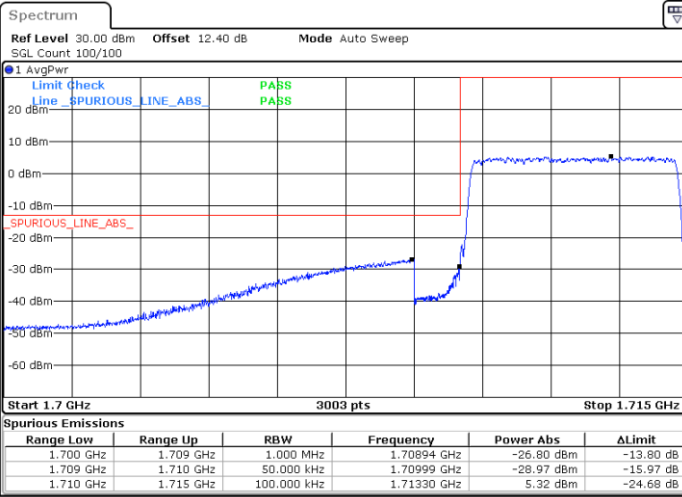


Date: 4.MAR.2024 10:22:32

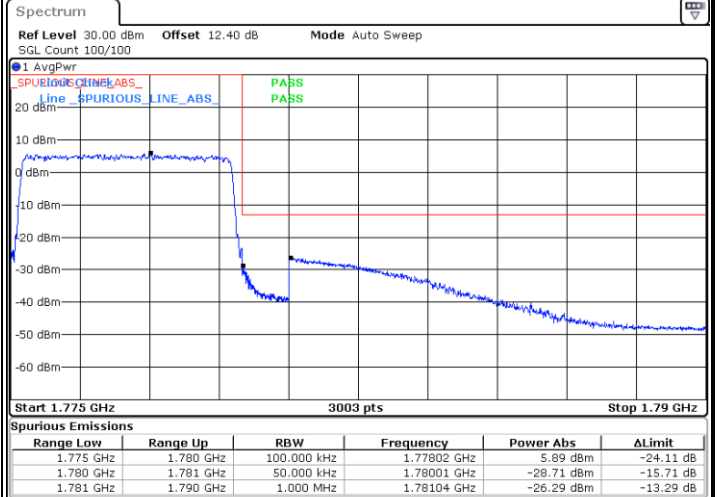


LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

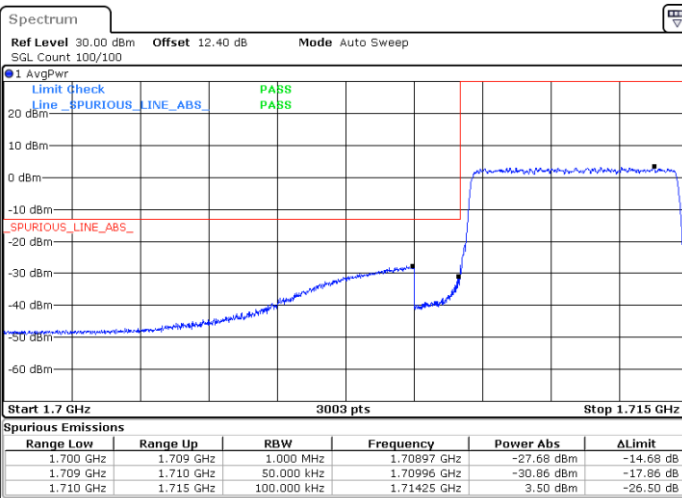


Highest Band Edge / Full RB

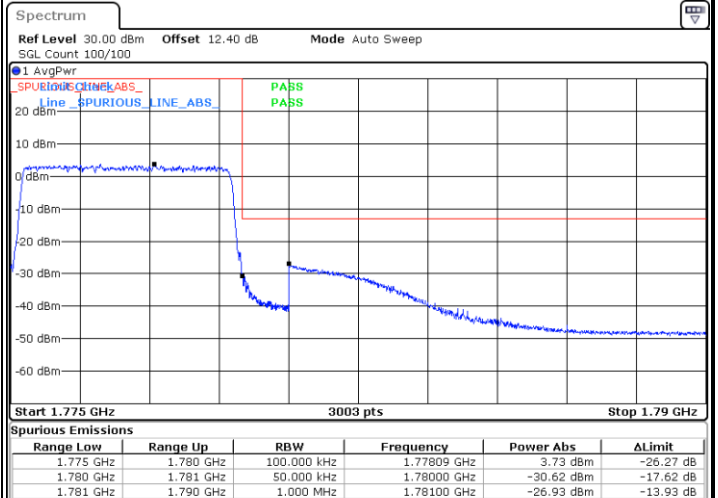


LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / Full RB



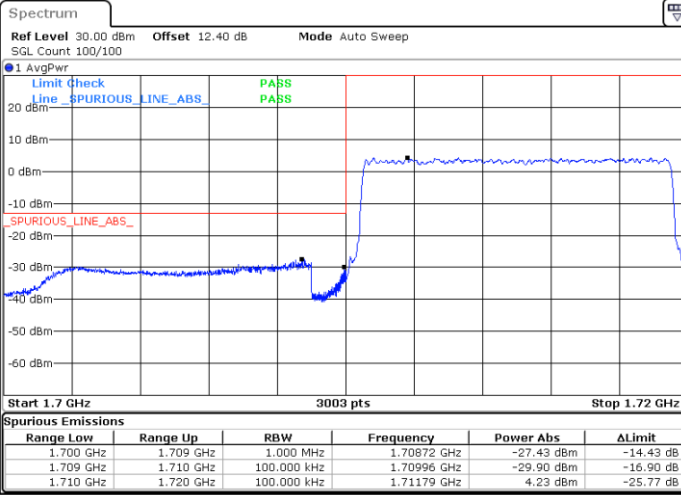
Highest Band Edge / Full RB



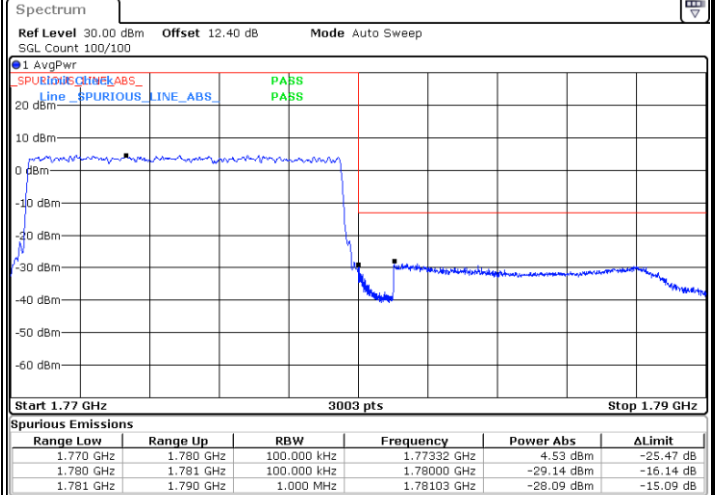


LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

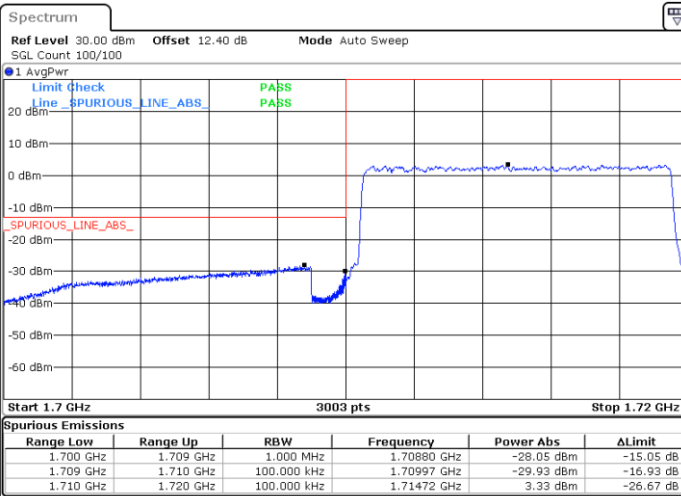


Highest Band Edge / Full RB

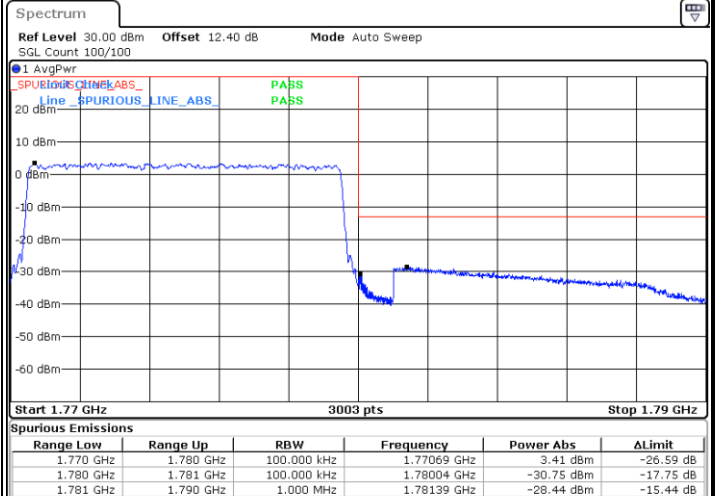


LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



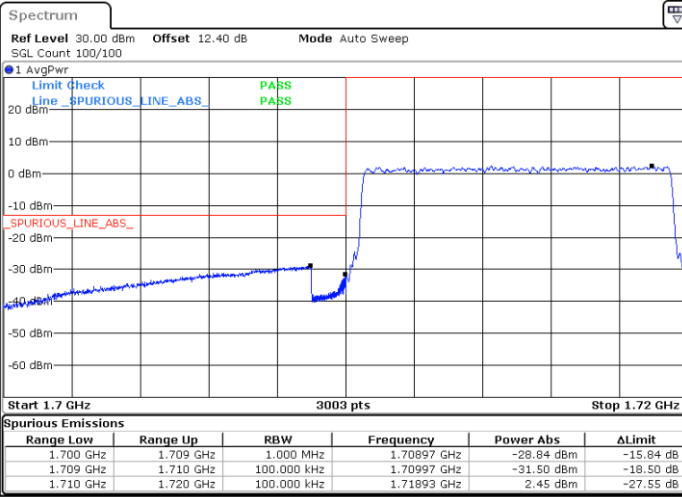
Highest Band Edge / Full RB



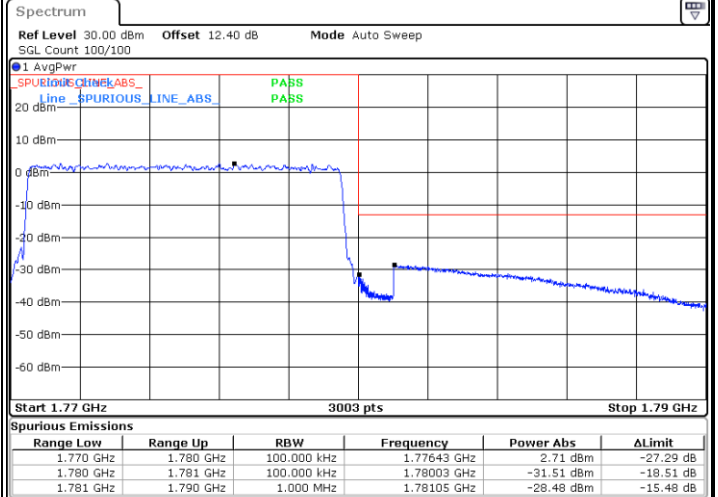


LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

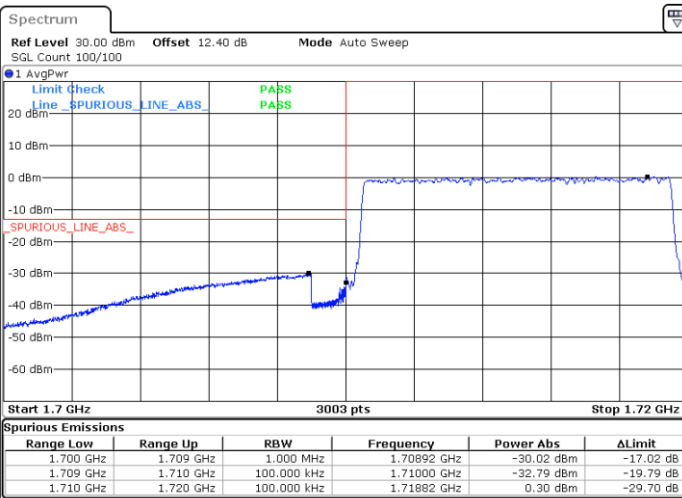


Highest Band Edge / Full RB

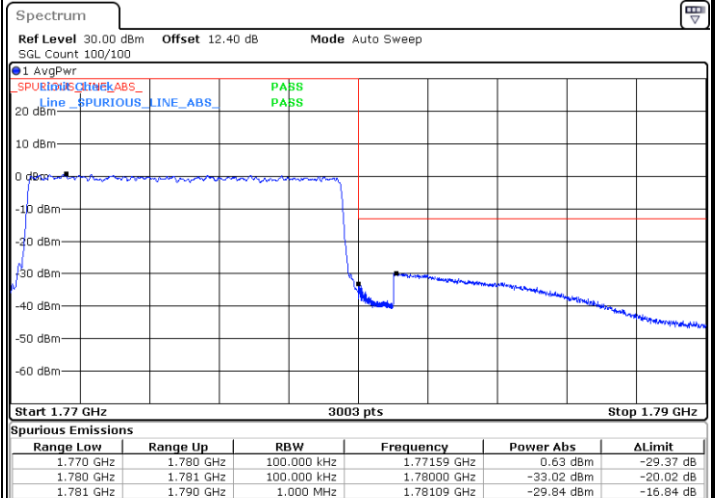


LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / Full RB



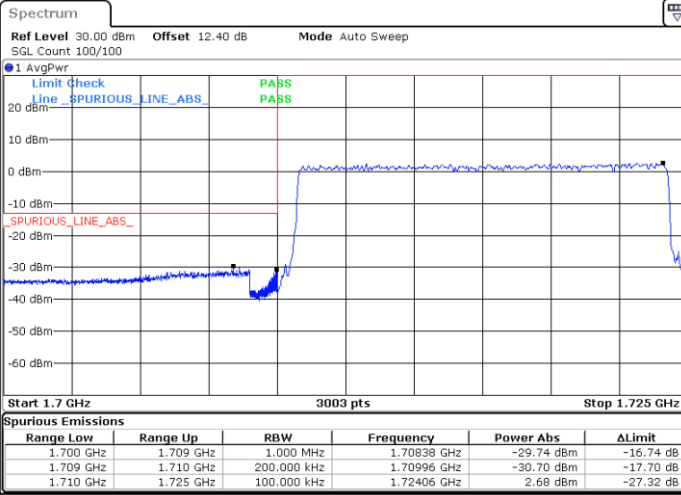
Highest Band Edge / Full RB





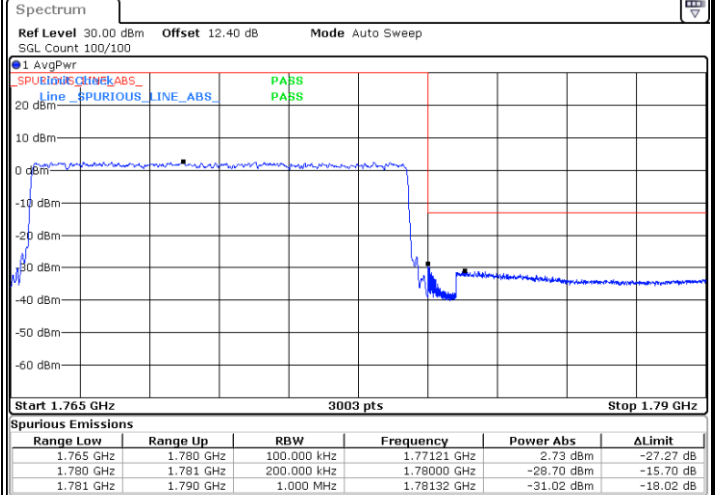
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:34:48

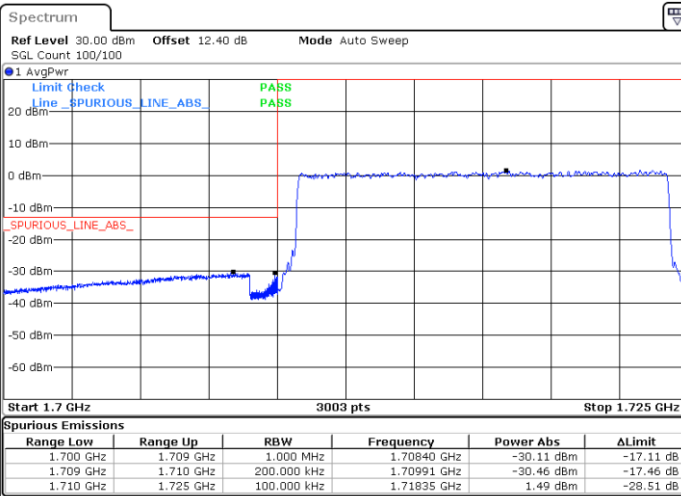
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:38:36

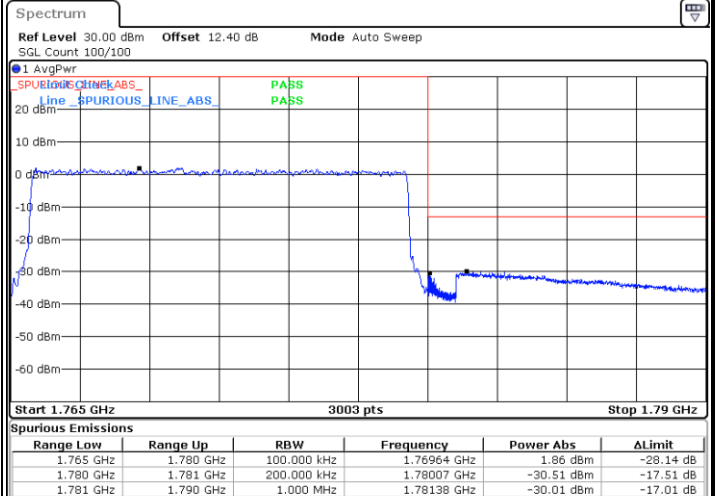
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:35:45

Highest Band Edge / Full RB

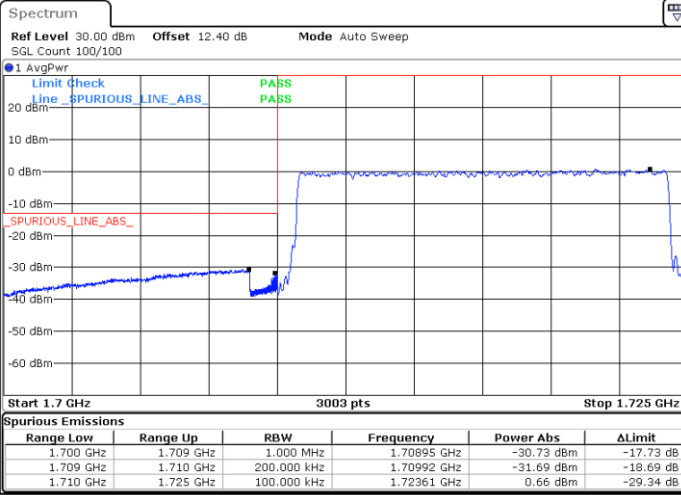


Date: 4.MAR.2024 10:39:34



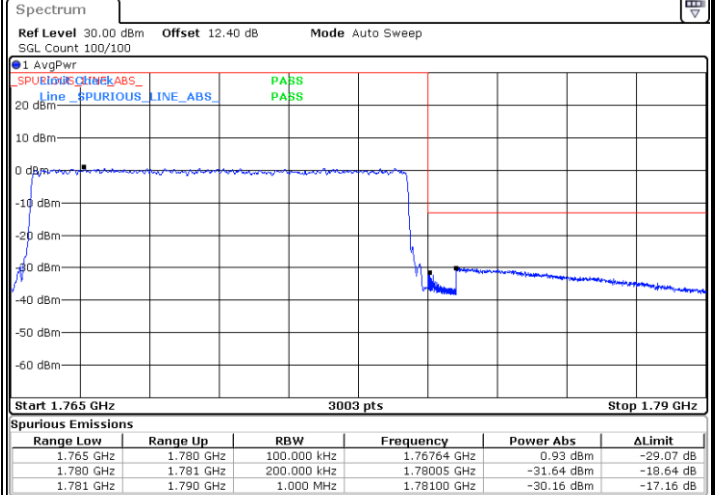
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:32:11

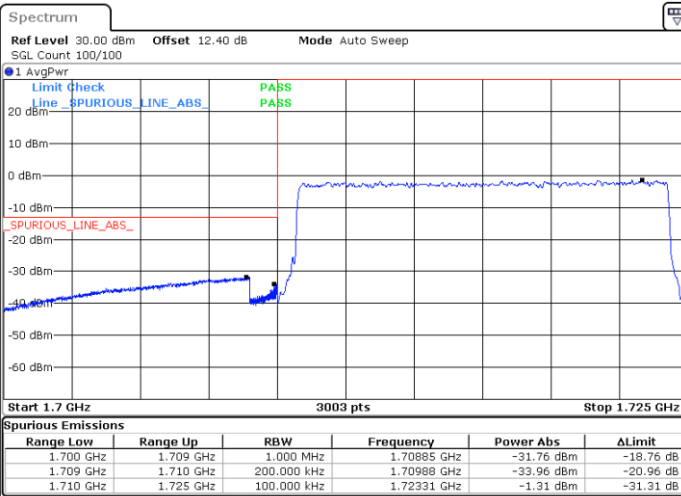
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:33:50

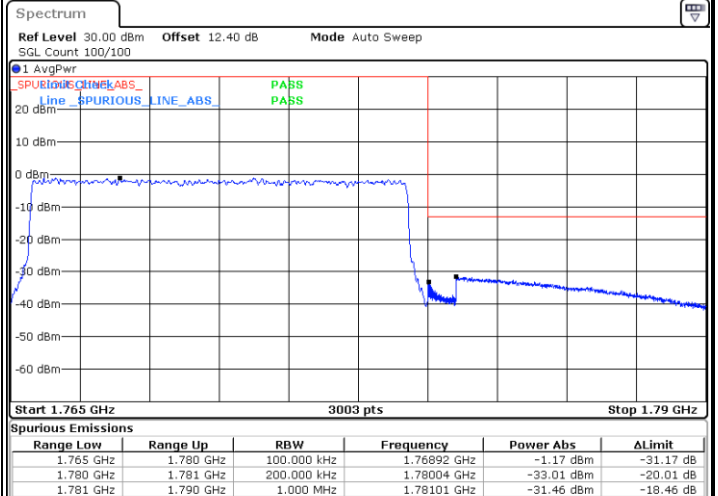
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 13:46:07

Highest Band Edge / Full RB

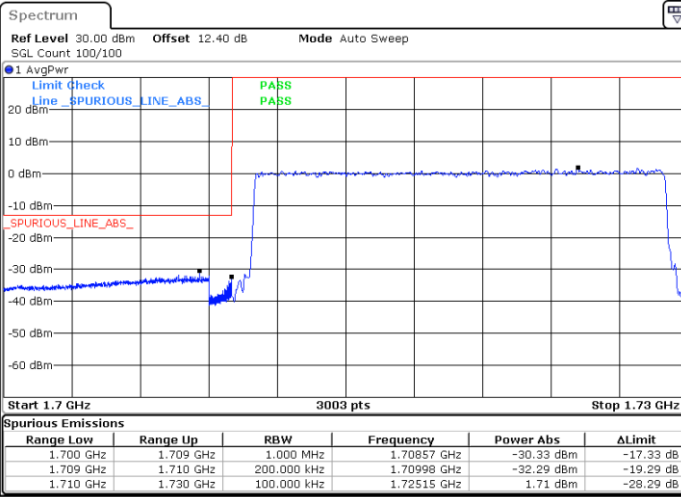


Date: 4.MAR.2024 13:47:54



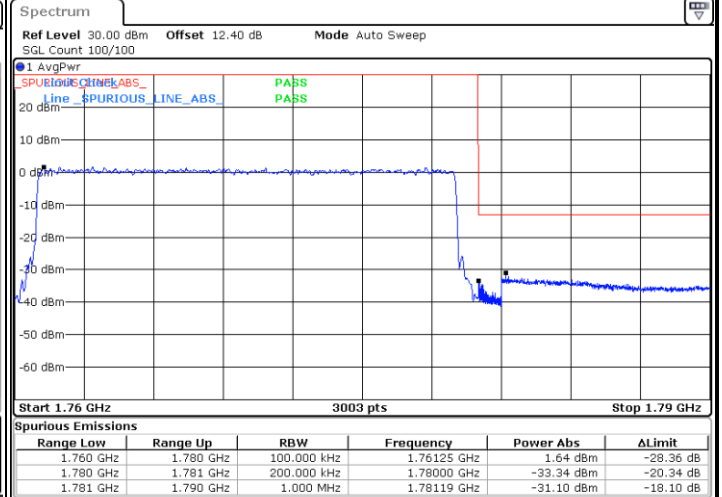
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:40:49

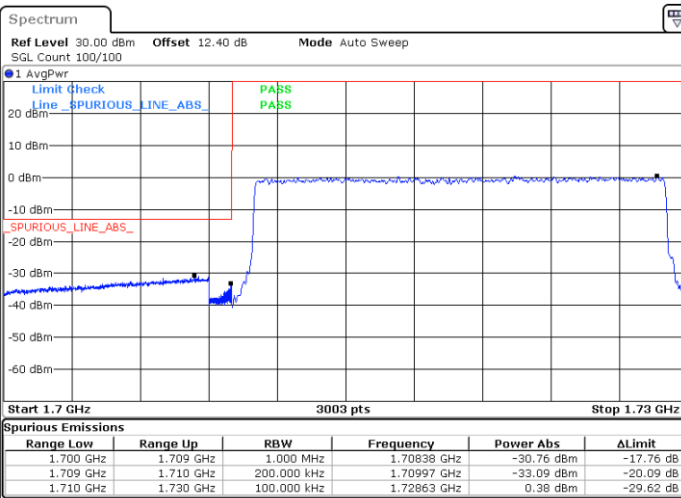
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:44:38

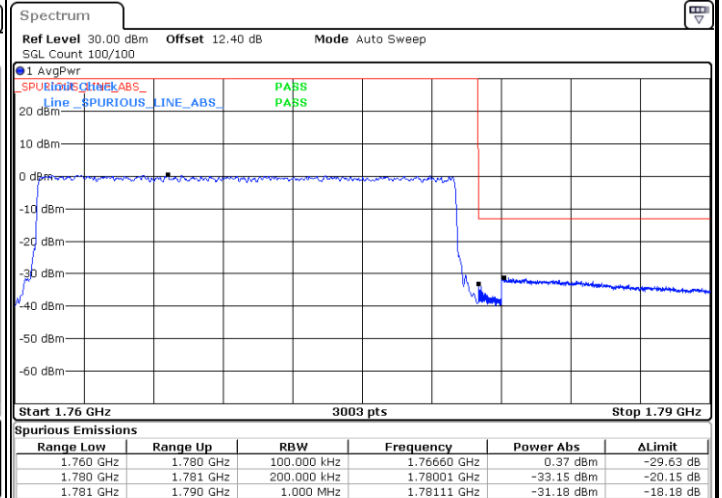
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:41:46

Highest Band Edge / Full RB

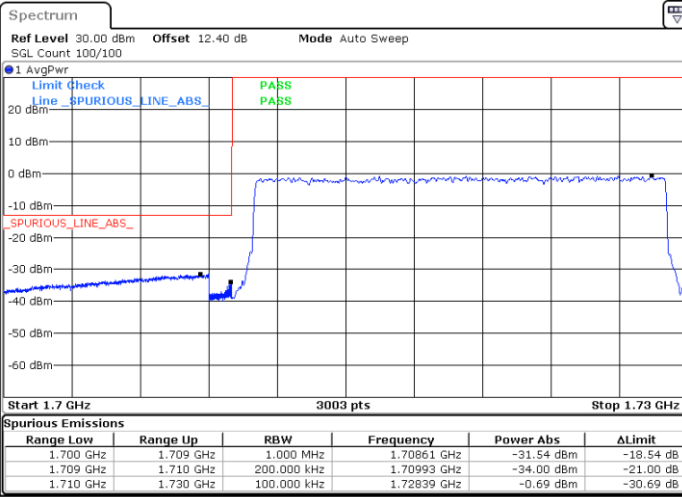


Date: 4.MAR.2024 10:45:35



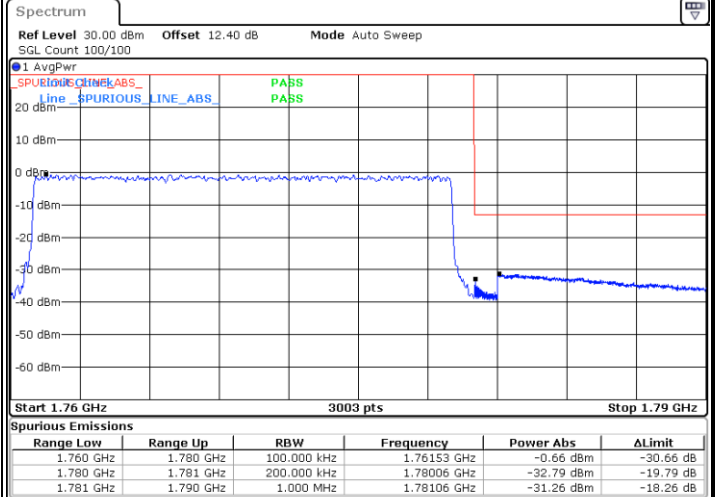
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 10:46:33

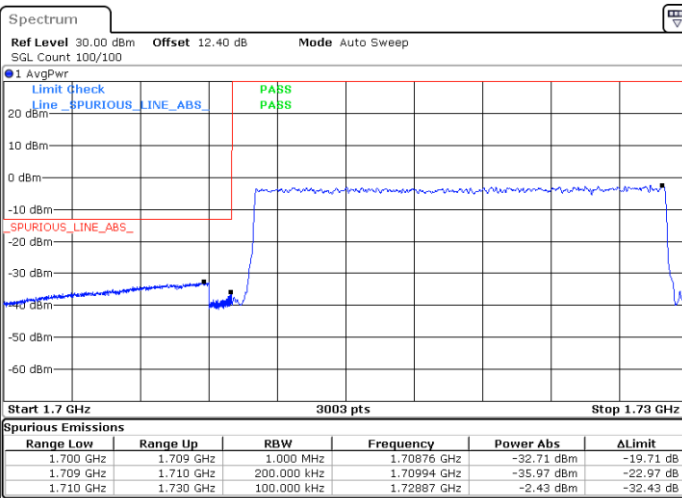
Highest Band Edge / Full RB



Date: 4.MAR.2024 10:48:11

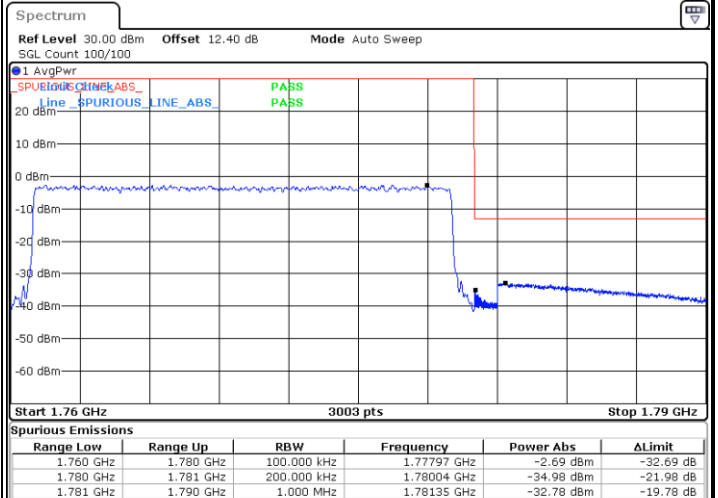
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 4.MAR.2024 13:54:34

Highest Band Edge / Full RB



Date: 4.MAR.2024 13:56:21

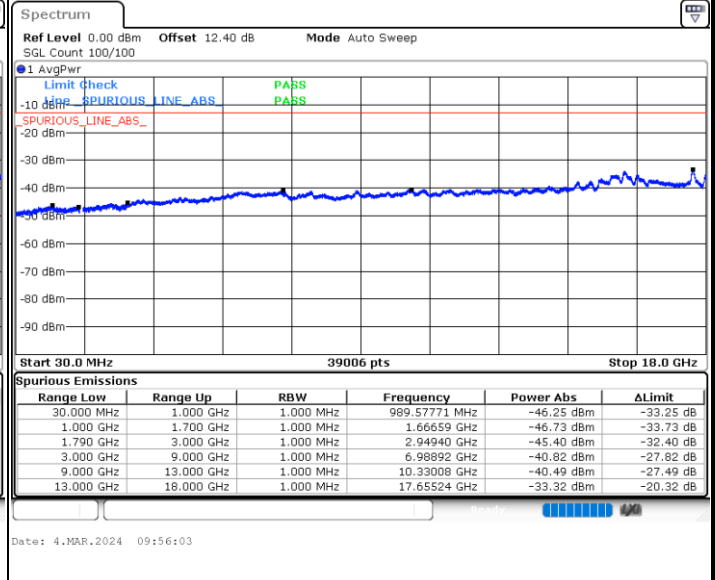
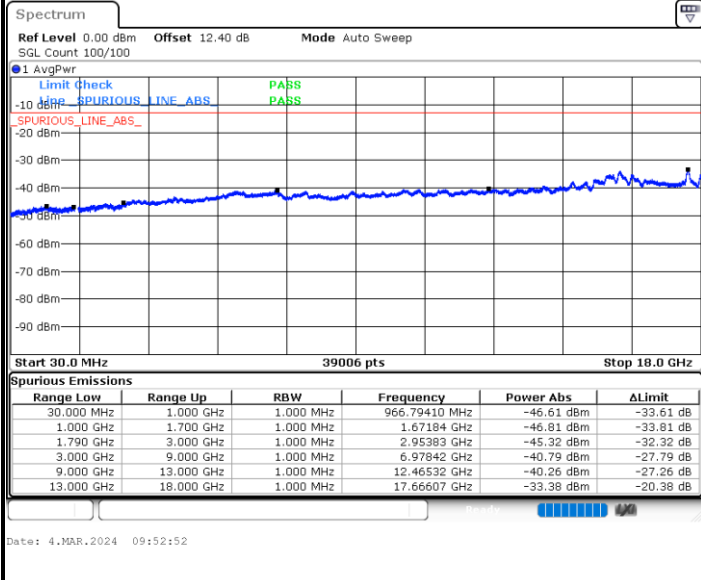


Conducted Spurious Emission

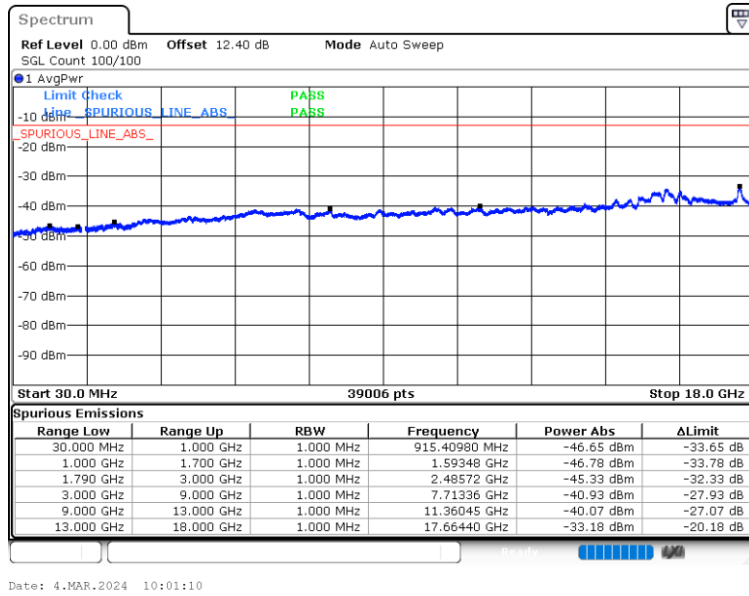
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

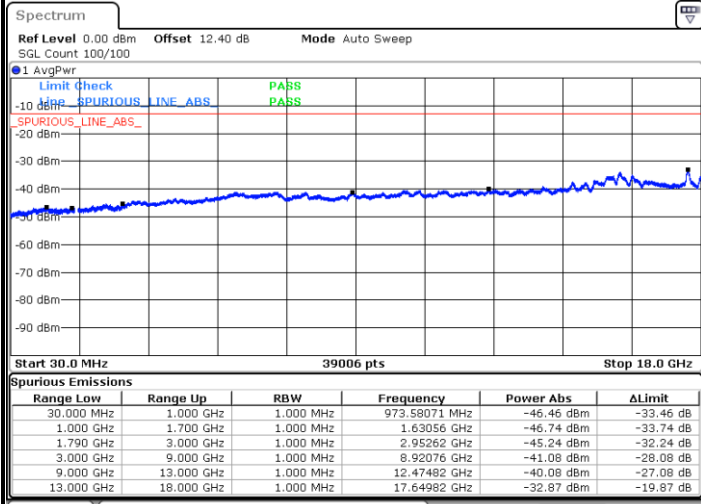




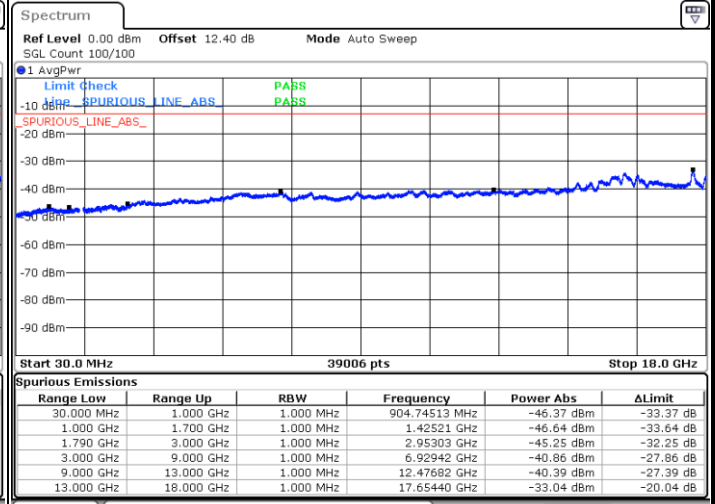
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

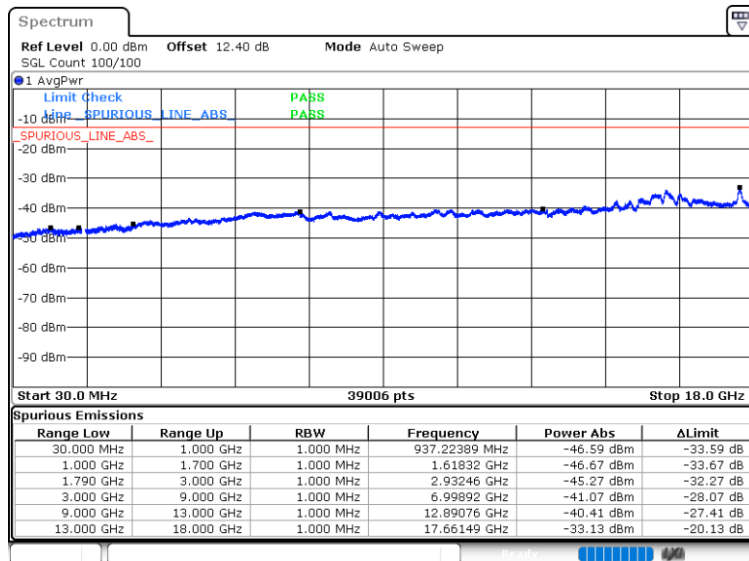


Date: 4.MAR.2024 13:59:55



Date: 4.MAR.2024 14:01:07

Highest Channel / QPSK



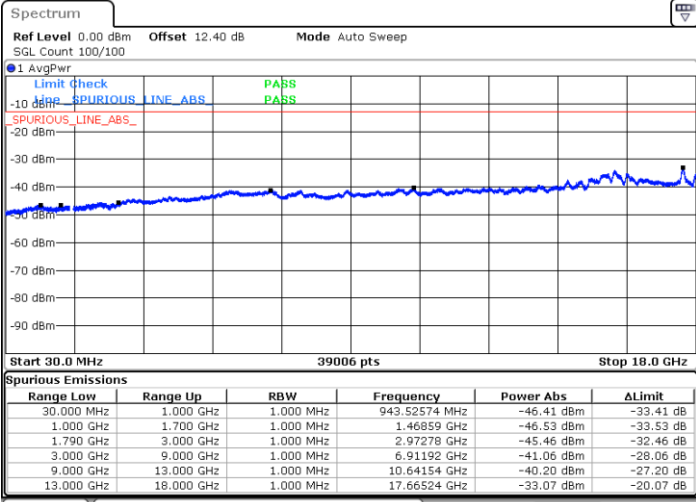
Date: 4.MAR.2024 14:02:19



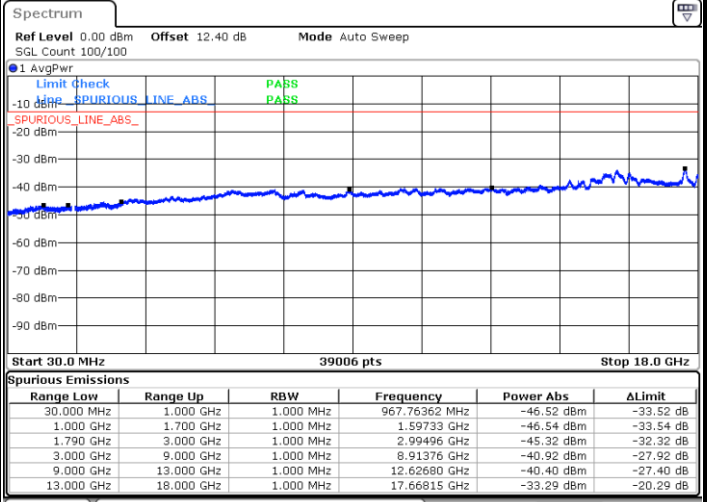
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

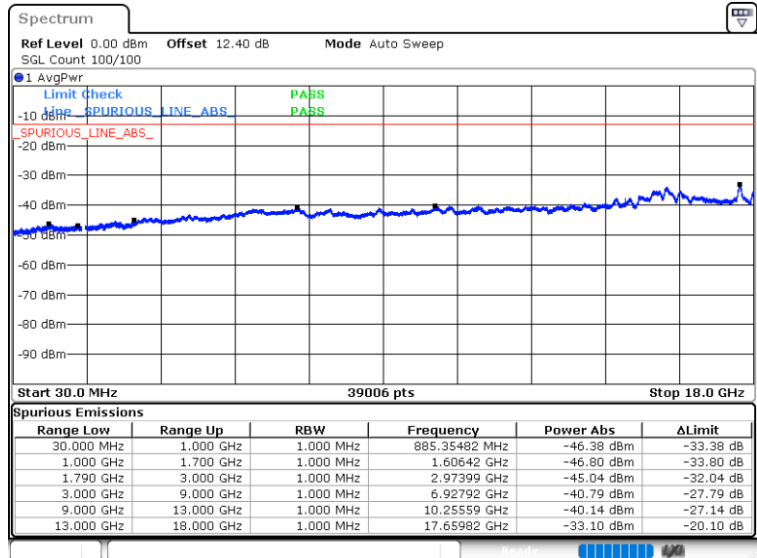


Date: 4.MAR.2024 14:03:31



Date: 4.MAR.2024 14:04:43

Highest Channel / QPSK



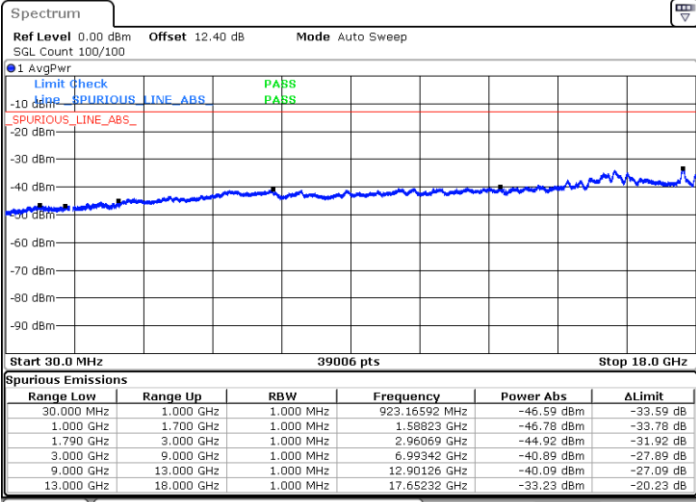
Date: 4.MAR.2024 14:05:55



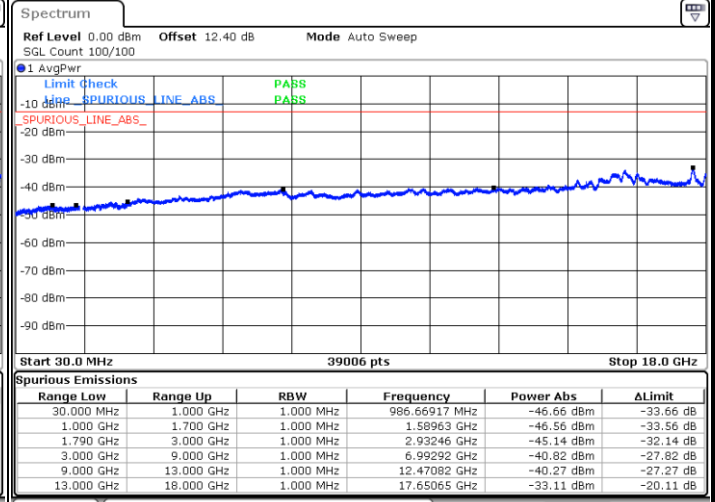
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

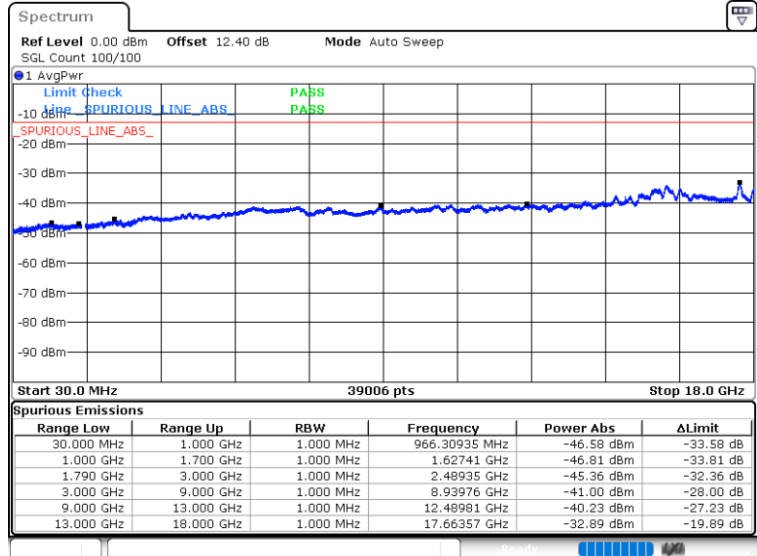


Date: 4.MAR.2024 14:07:07



Date: 4.MAR.2024 14:08:19

Highest Channel / QPSK



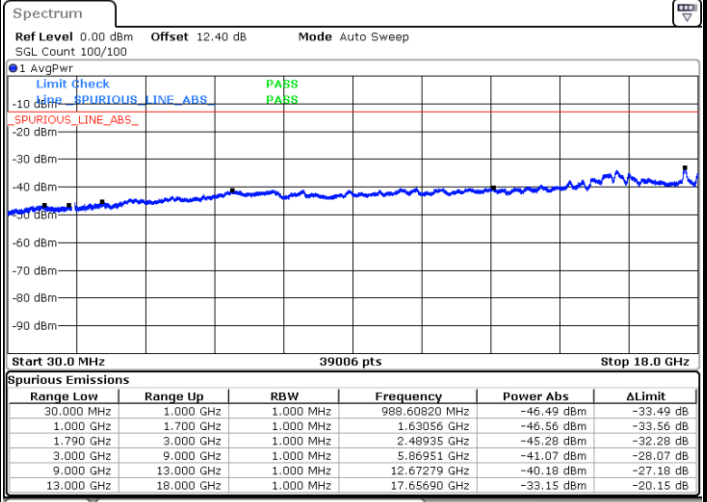
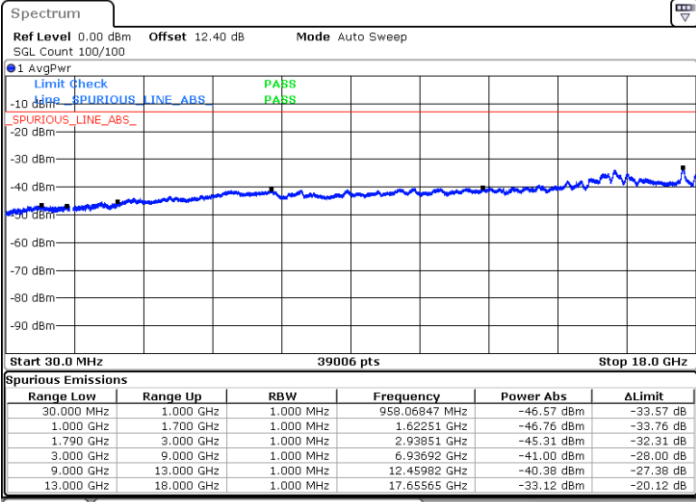
Date: 4.MAR.2024 14:09:31



LTE Band 66 / 15MHz

Lowest Channel / QPSK

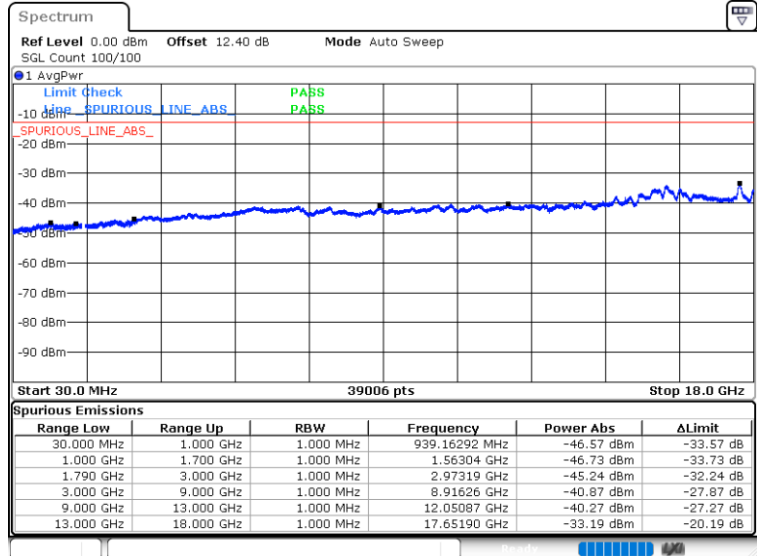
Middle Channel / QPSK



Date: 4.MAR.2024 14:10:43

Date: 4.MAR.2024 14:11:55

Highest Channel / QPSK



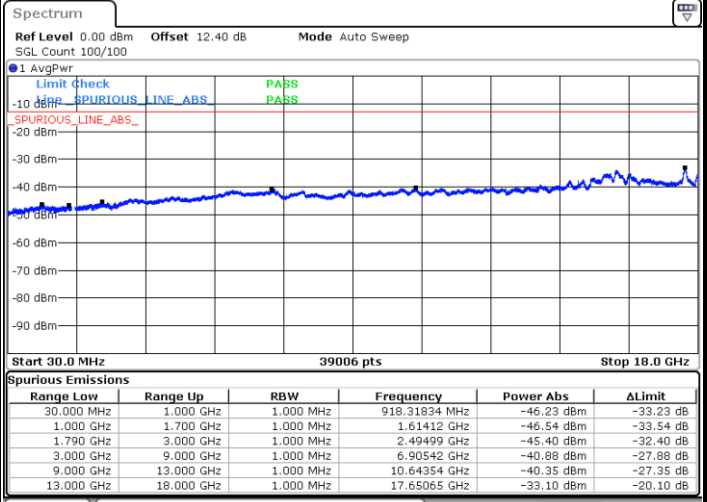
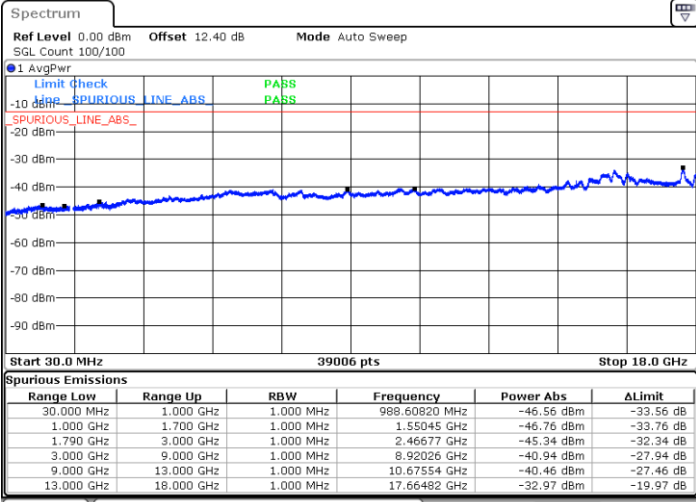
Date: 4.MAR.2024 14:13:07



LTE Band 66 / 20MHz

Lowest Channel / QPSK

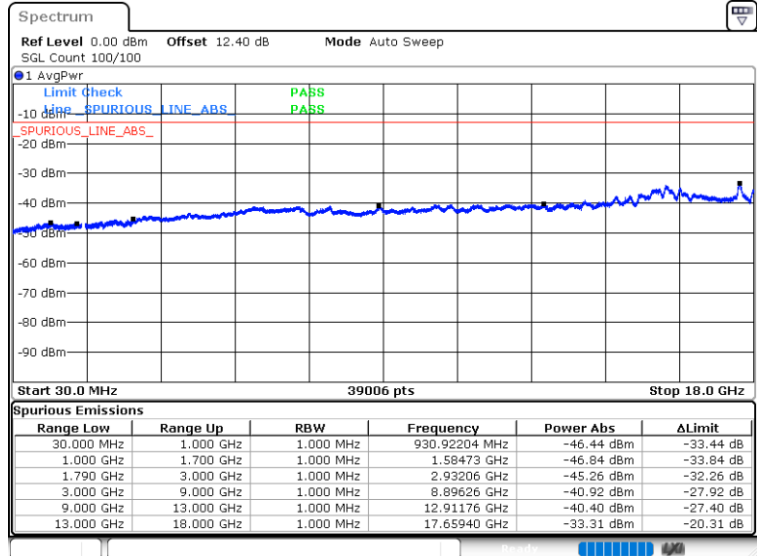
Middle Channel / QPSK



Date: 4.MAR.2024 14:14:20

Date: 4.MAR.2024 14:15:32

Highest Channel / QPSK



Date: 4.MAR.2024 14:16:43



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	0.0007	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0002	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.10	14.56	18.98
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.83	19.66	18.98

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.92	14.68	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.71	19.73	19.10

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.05	14.71	19.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.71	19.78	19.10

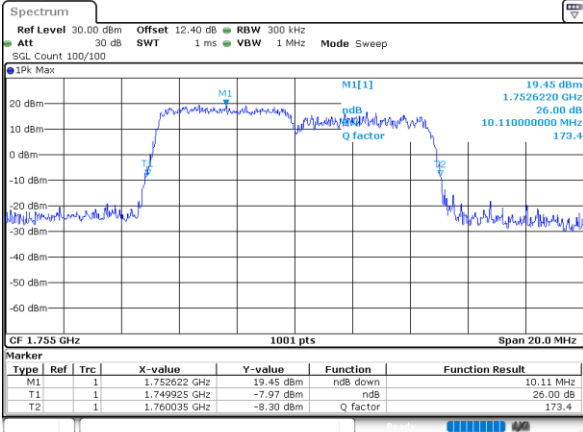
Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.99	14.65	19.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.77	19.78	19.14



LTE Band 66B

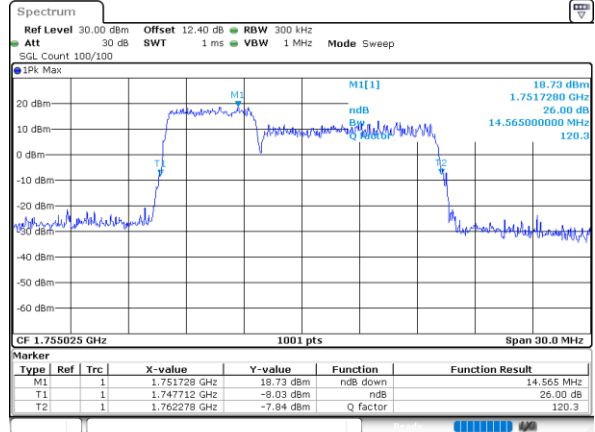
QPSK

Middle Channel / 5MHz+5MHz



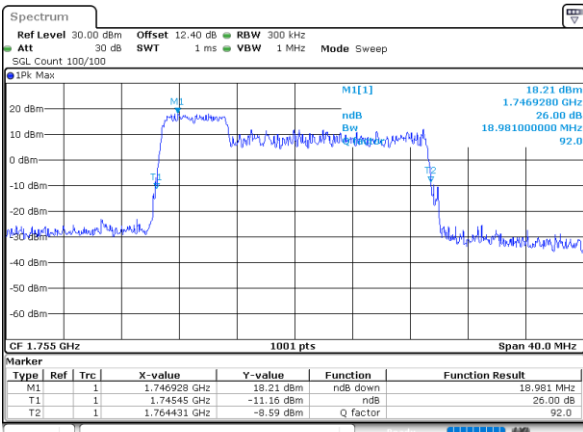
Date: 4.MAR.2024 14:48:39

Middle Channel / 5MHz+10MHz



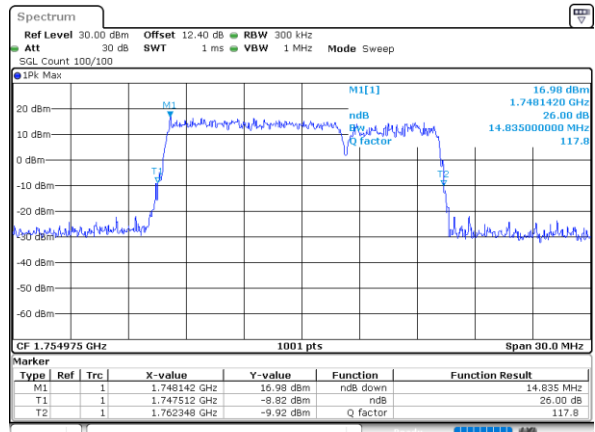
Date: 4.MAR.2024 15:21:58

Middle Channel / 5MHz+15MHz



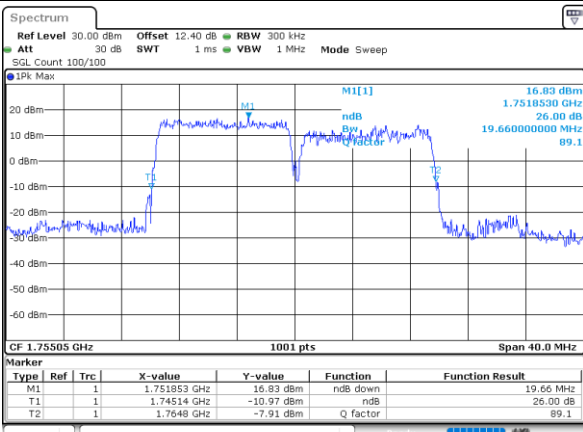
Date: 4.MAR.2024 16:15:40

Middle Channel / 10MHz+5MHz



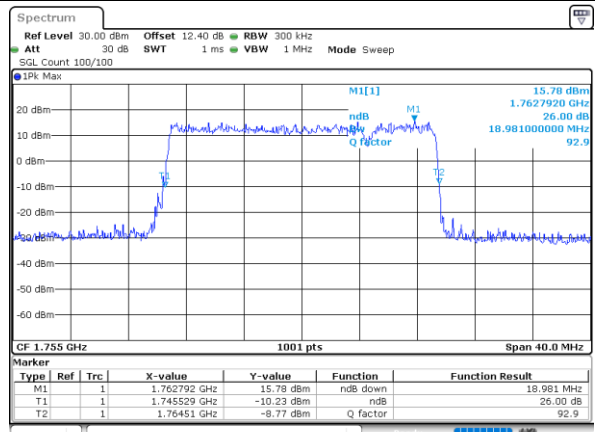
Date: 4.MAR.2024 15:55:08

Middle Channel / 10MHz+10MHz



Date: 5.MAR.2024 11:38:55

Middle Channel / 15MHz+5MHz



Date: 4.MAR.2024 17:36:36