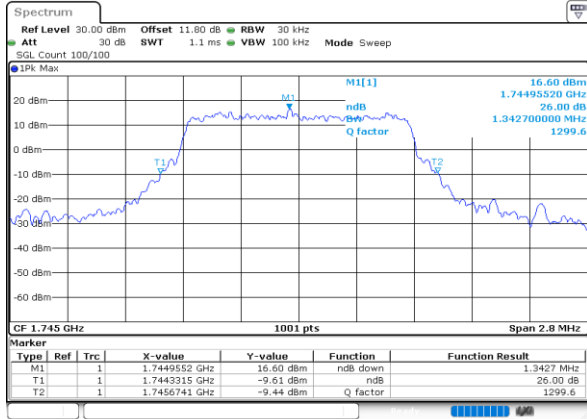




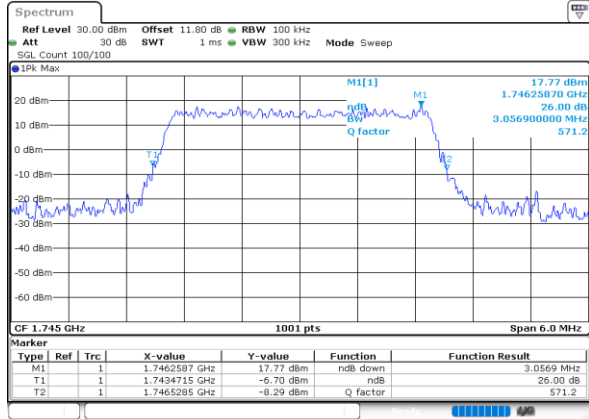
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



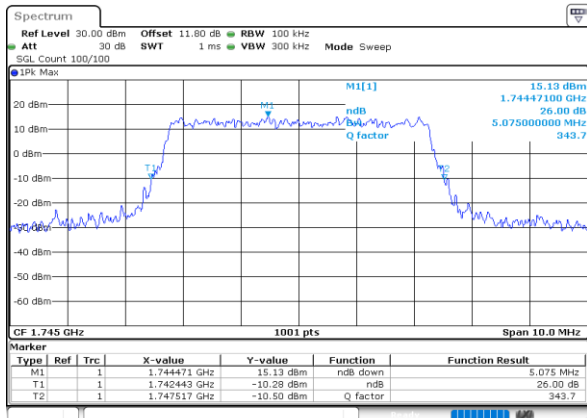
Date: 26.DEC.2023 14:41:27

Middle Channel / 3MHz / 64QAM



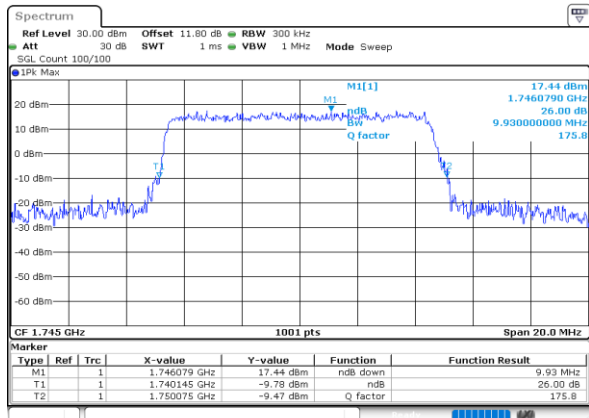
Date: 26.DEC.2023 15:05:45

Middle Channel / 5MHz / 64QAM



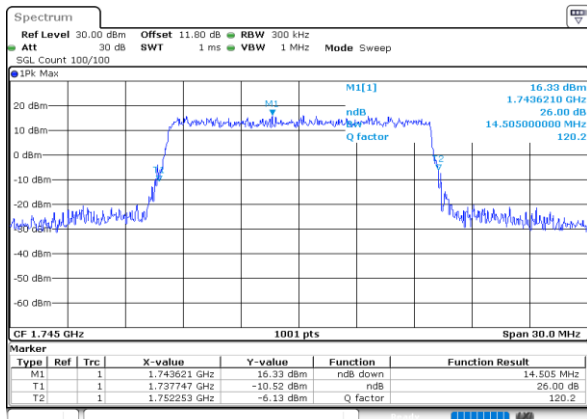
Date: 26.DEC.2023 15:26:26

Middle Channel / 10MHz / 64QAM



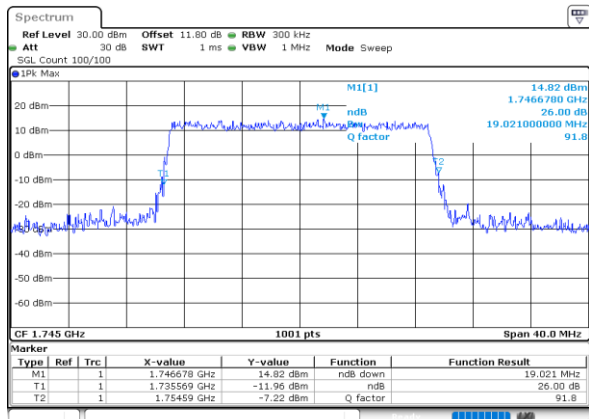
Date: 26.DEC.2023 15:46:33

Middle Channel / 15MHz / 64QAM



Date: 26.DEC.2023 16:08:33

Middle Channel / 20MHz / 64QAM

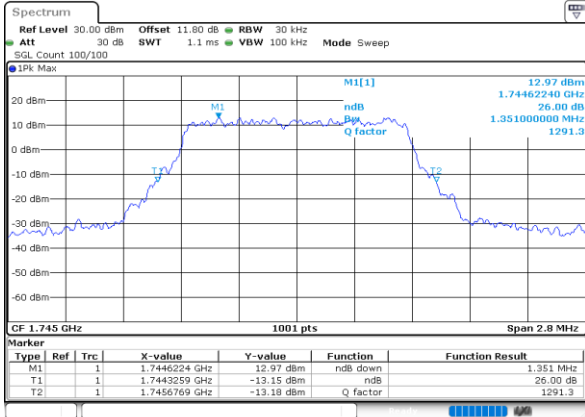


Date: 26.DEC.2023 16:31:58



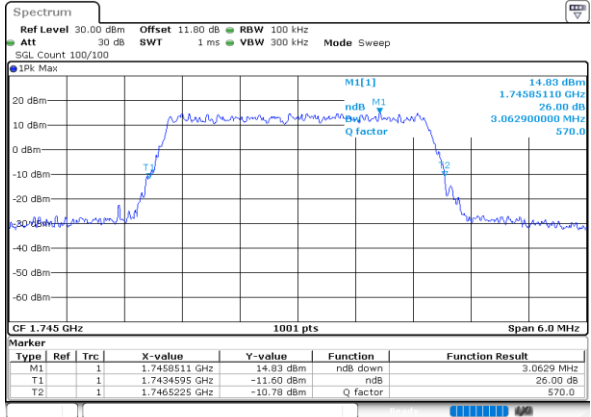
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



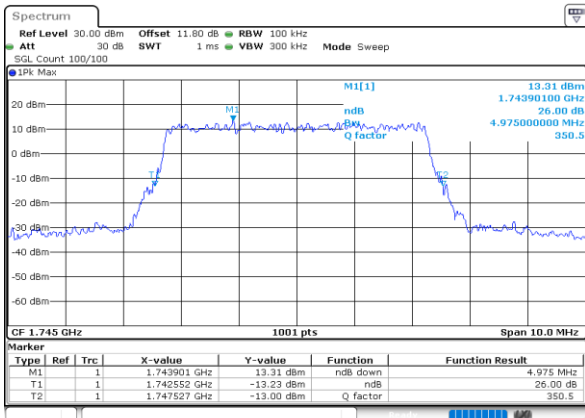
Date: 26.DEC.2023 14:41:50

Middle Channel / 3MHz / 256QAM



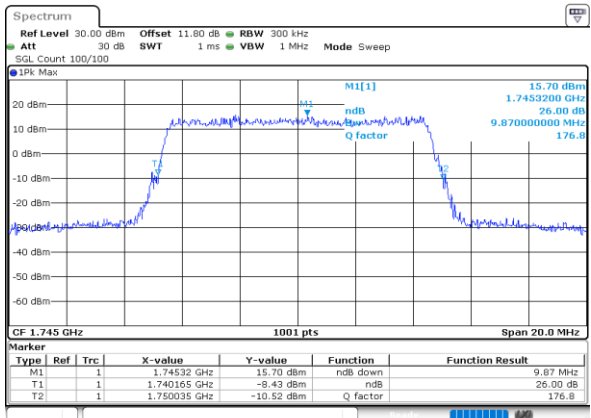
Date: 26.DEC.2023 15:06:08

Middle Channel / 5MHz / 256QAM



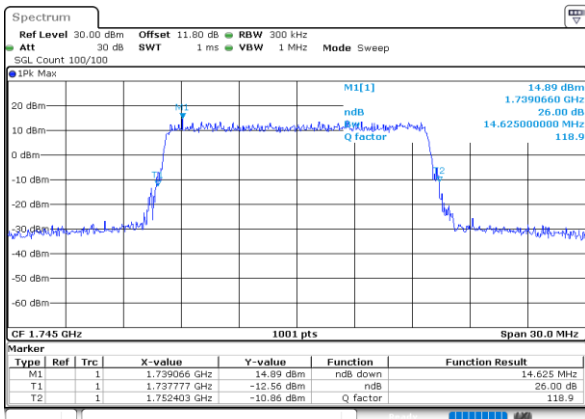
Date: 26.DEC.2023 15:26:49

Middle Channel / 10MHz / 256QAM



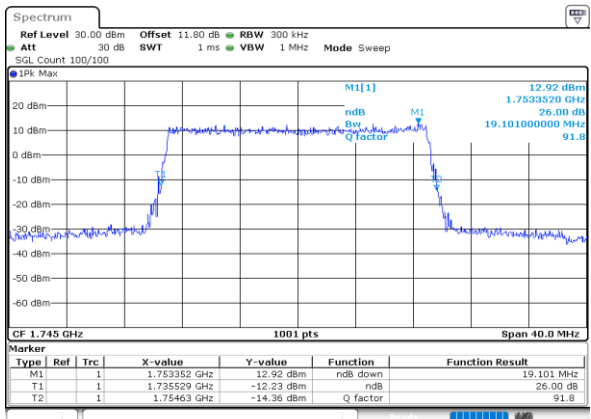
Date: 26.DEC.2023 15:46:56

Middle Channel / 15MHz / 256QAM



Date: 26.DEC.2023 16:08:56

Middle Channel / 20MHz / 256QAM



Date: 26.DEC.2023 16:32:21



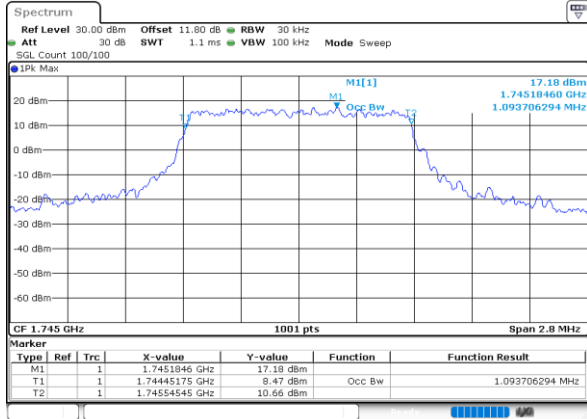
Occupied Bandwidth

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	1.11	2.73	2.73	4.50	4.55	9.05	9.09	13.45	13.45	17.90	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	2.72	2.72	4.50	4.49	9.07	9.03	13.48	13.48	17.90	17.90



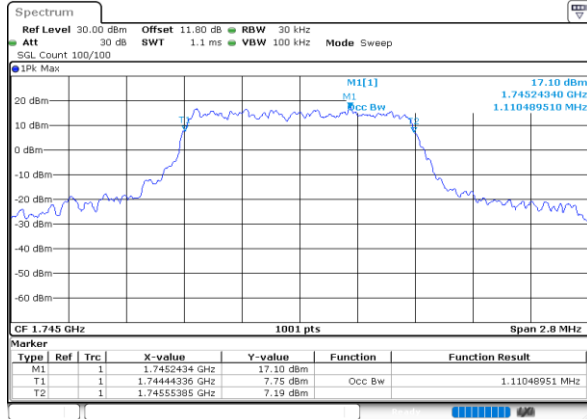
LTE Band 66

Middle Channel / 1.4MHz / QPSK



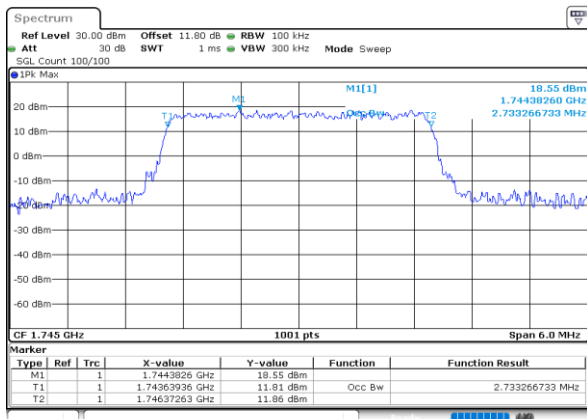
Date: 26.DEC.2023 14:39:32

Middle Channel / 1.4MHz / 16QAM



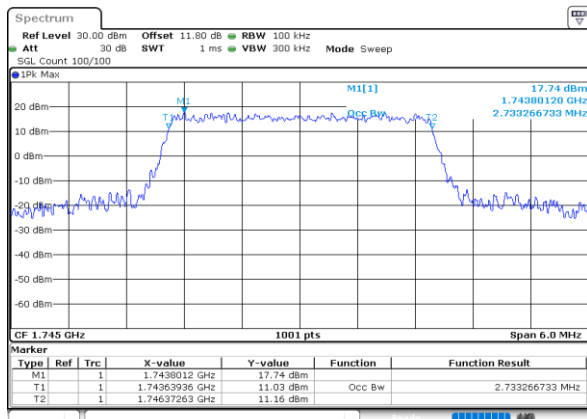
Date: 26.DEC.2023 14:40:41

Middle Channel / 3MHz / QPSK



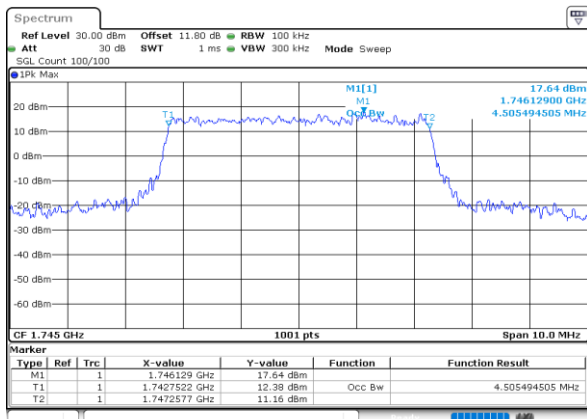
Date: 26.DEC.2023 15:03:50

Middle Channel / 3MHz / 16QAM



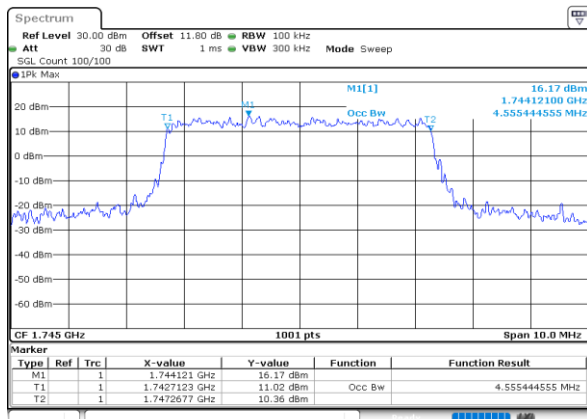
Date: 26.DEC.2023 15:04:59

Middle Channel / 5MHz / QPSK



Date: 26.DEC.2023 15:24:31

Middle Channel / 5MHz / 16QAM

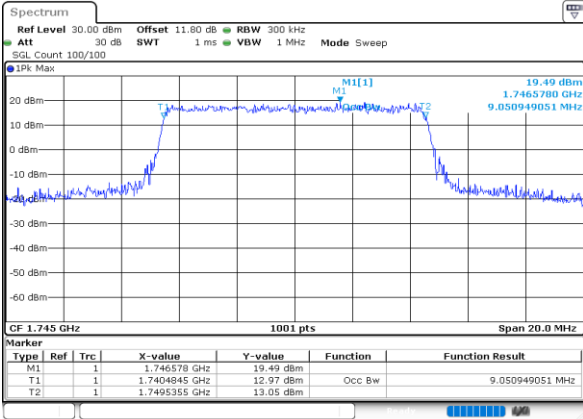


Date: 26.DEC.2023 15:25:40

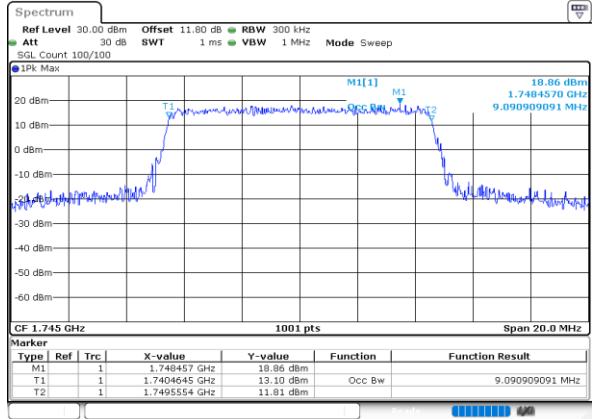


LTE Band 66

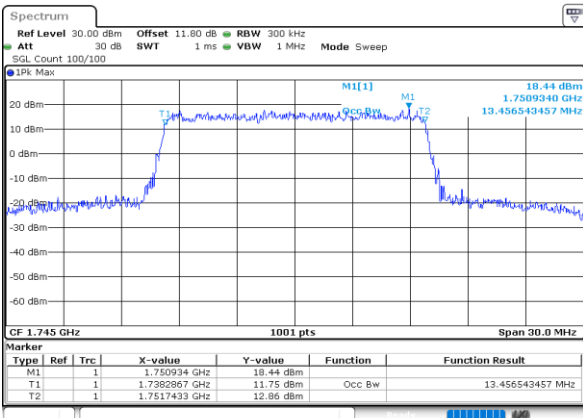
Middle Channel / 10MHz / QPSK



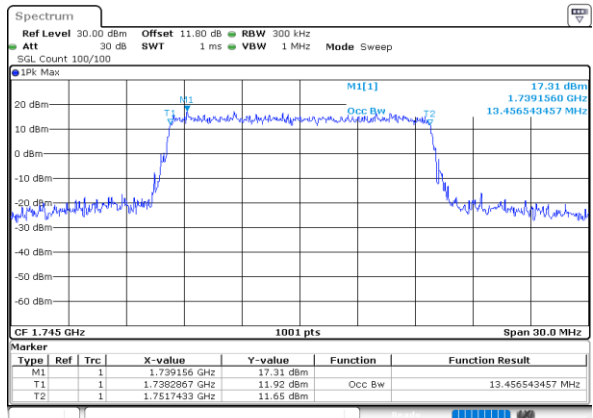
Middle Channel / 10MHz / 16QAM



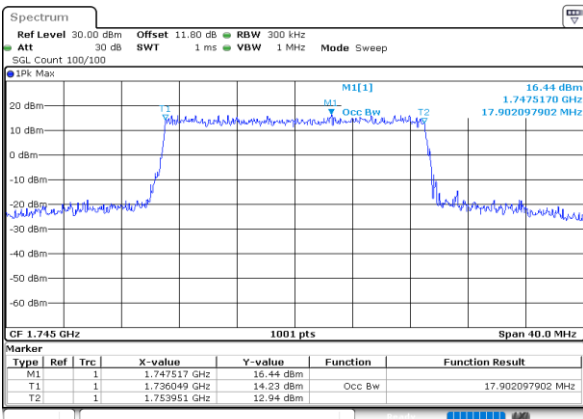
Middle Channel / 15MHz / QPSK



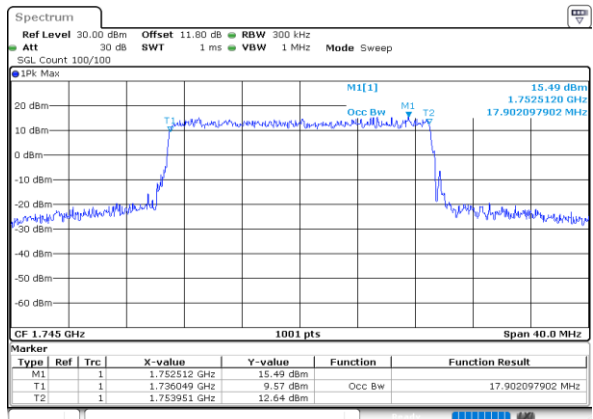
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



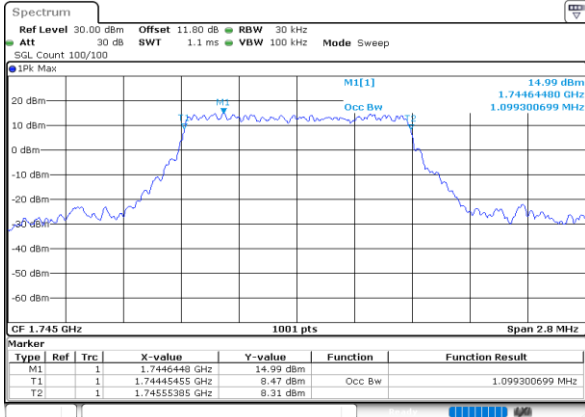
Middle Channel / 20MHz / 16QAM





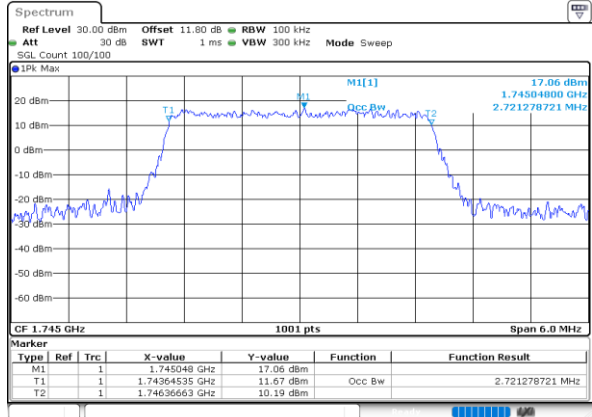
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



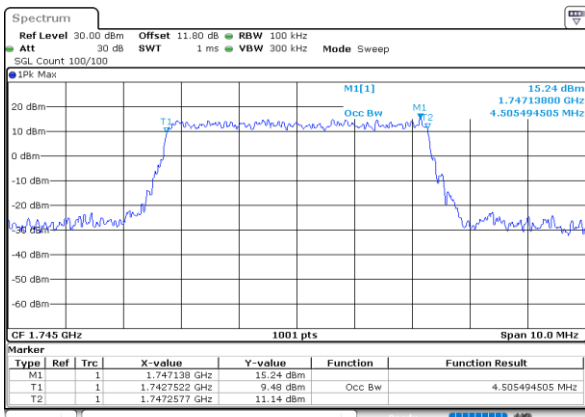
Date: 26.DEC.2023 14:41:04

Middle Channel / 3MHz / 64QAM



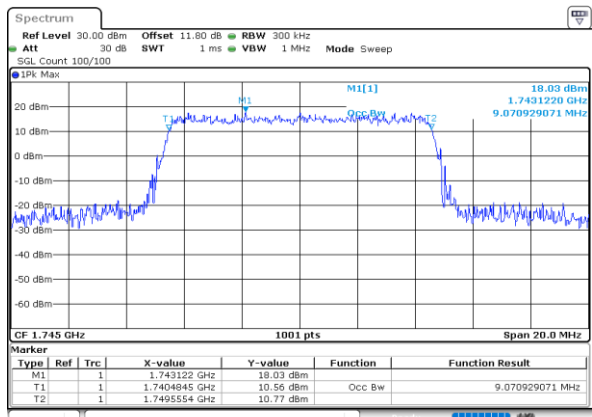
Date: 26.DEC.2023 15:05:22

Middle Channel / 5MHz / 64QAM



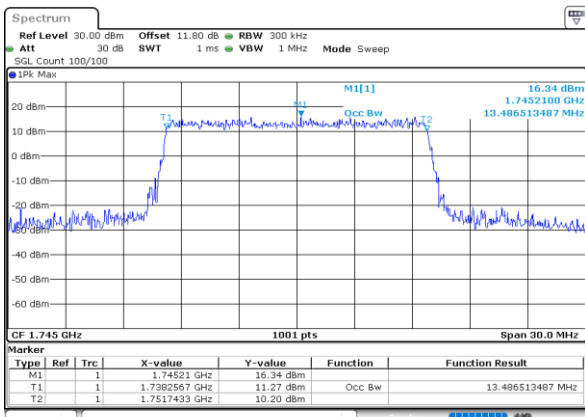
Date: 26.DEC.2023 15:26:03

Middle Channel / 10MHz / 64QAM



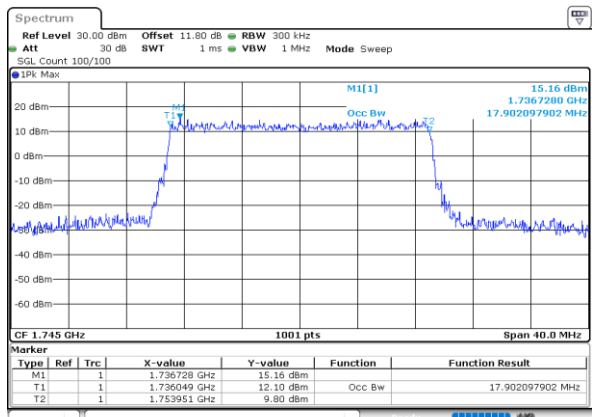
Date: 26.DEC.2023 15:46:10

Middle Channel / 15MHz / 64QAM



Date: 26.DEC.2023 16:08:10

Middle Channel / 20MHz / 64QAM

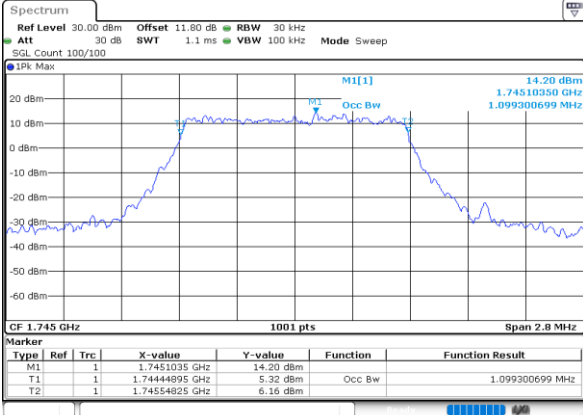


Date: 26.DEC.2023 16:31:35



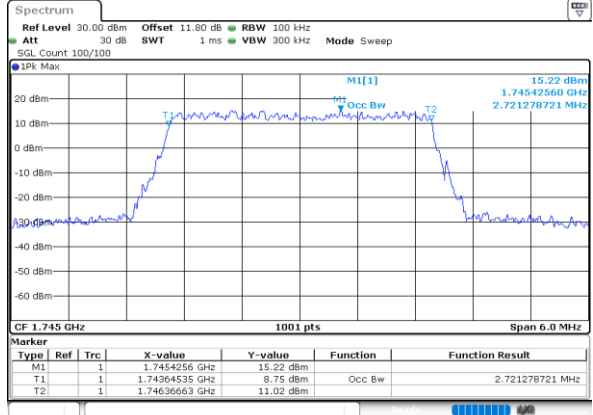
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



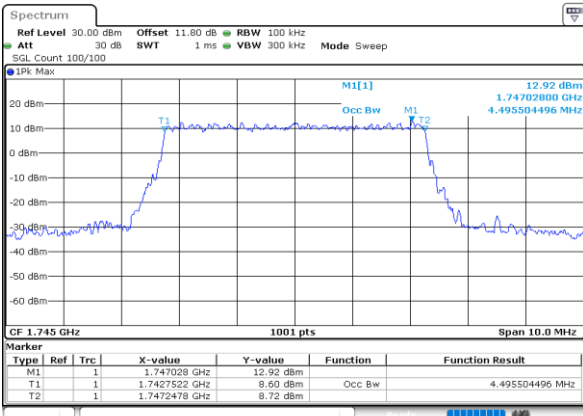
Date: 26.DEC.2023 14:42:16

Middle Channel / 3MHz / 256QAM



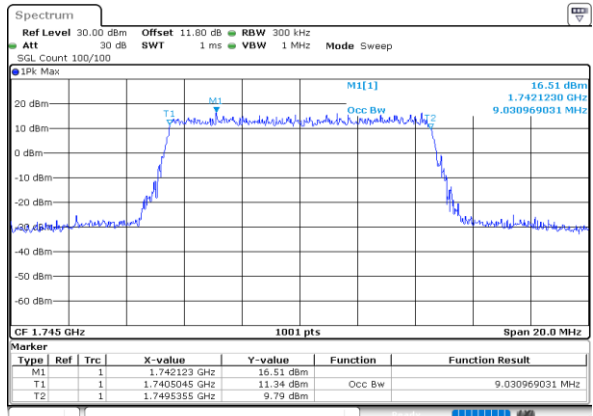
Date: 26.DEC.2023 15:06:34

Middle Channel / 5MHz / 256QAM



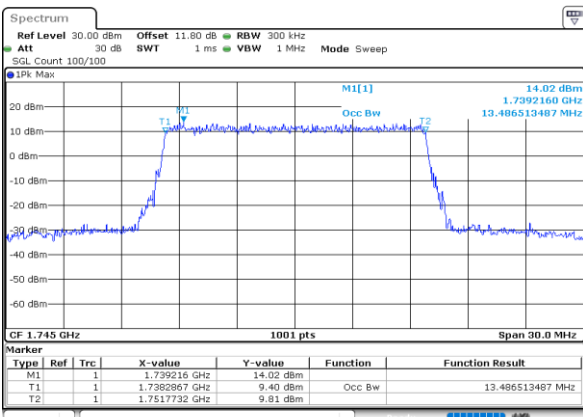
Date: 26.DEC.2023 15:27:15

Middle Channel / 10MHz / 256QAM



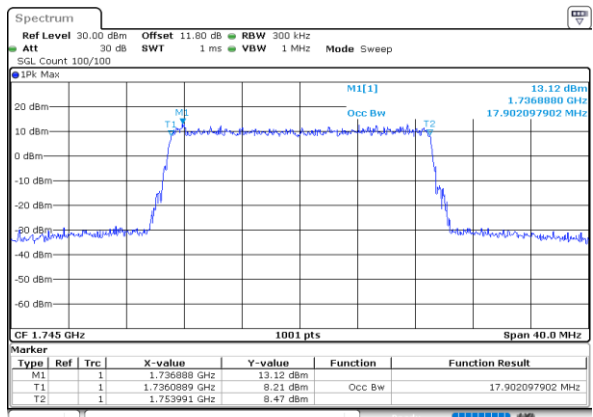
Date: 26.DEC.2023 15:47:22

Middle Channel / 15MHz / 256QAM



Date: 26.DEC.2023 16:09:22

Middle Channel / 20MHz / 256QAM



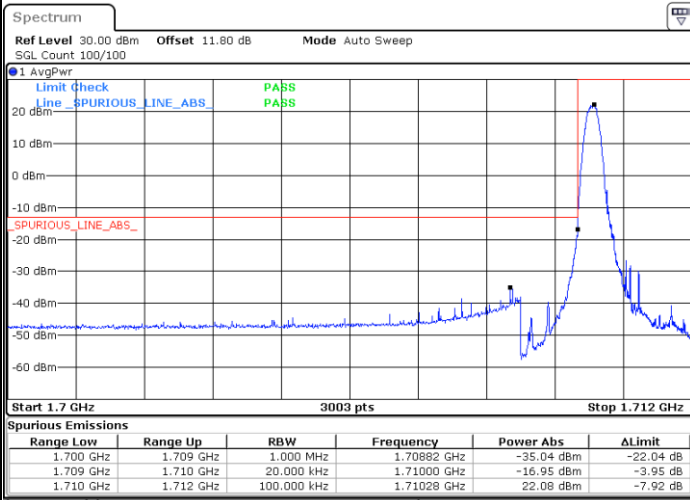
Date: 26.DEC.2023 16:32:46



Conducted Band Edge

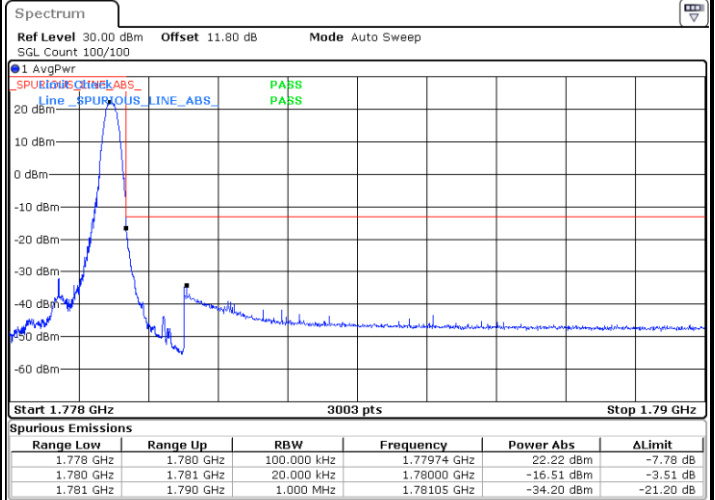
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



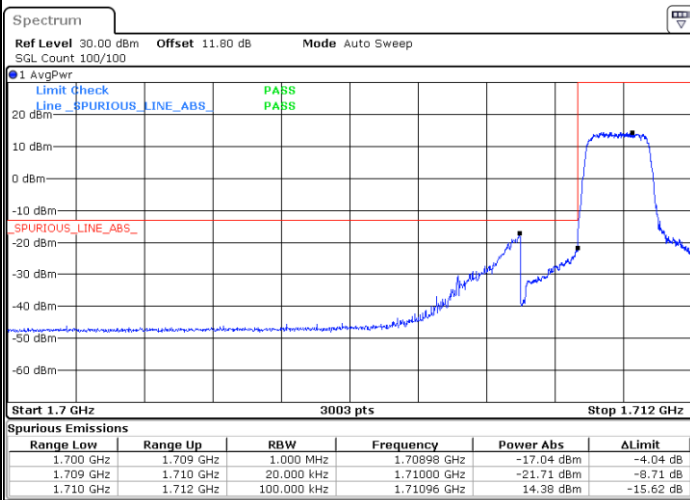
Date: 26.DEC.2023 14:29:47

Highest Band Edge / 1RB



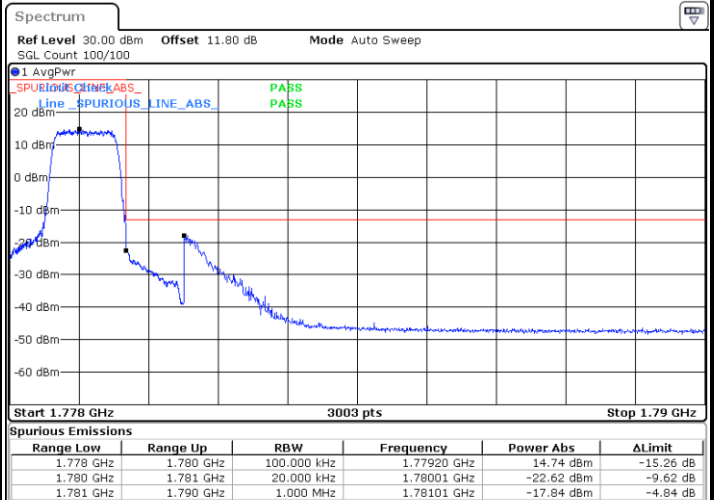
Date: 26.DEC.2023 14:45:14

Lowest Band Edge / Full RB



Date: 26.DEC.2023 14:35:30

Highest Band Edge / Full RB

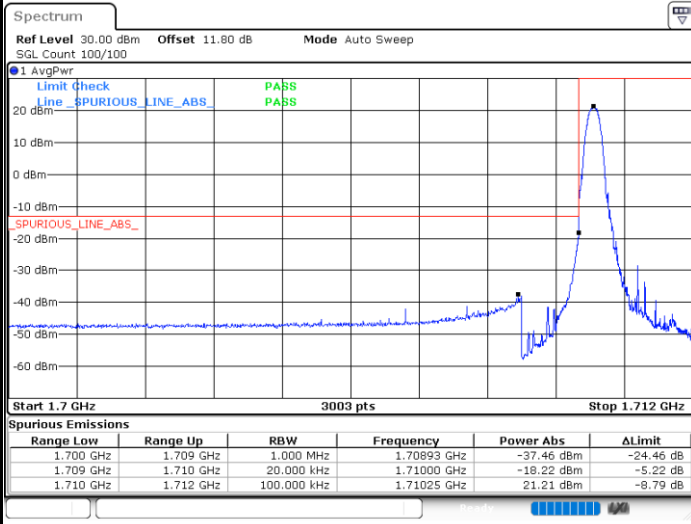


Date: 26.DEC.2023 14:50:05

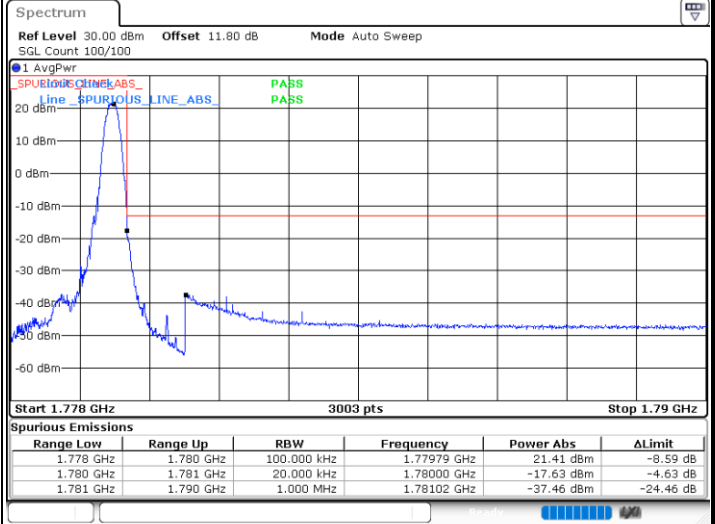


LTE Band 66 / 1.4MHz / 16QAM

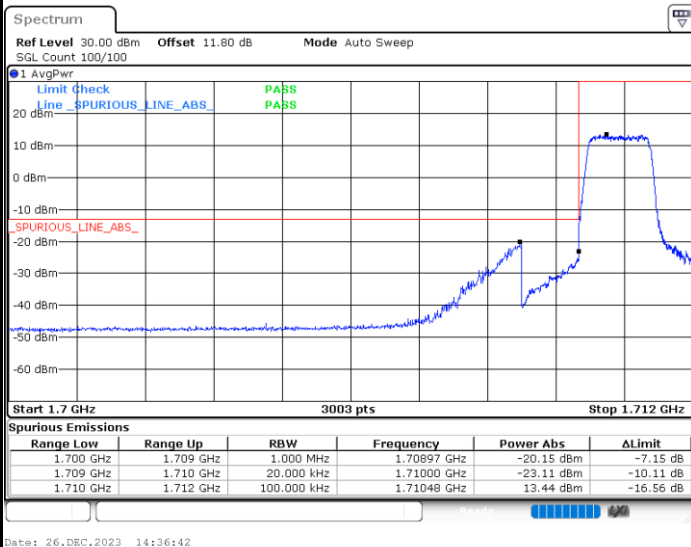
Lowest Band Edge / 1 RB



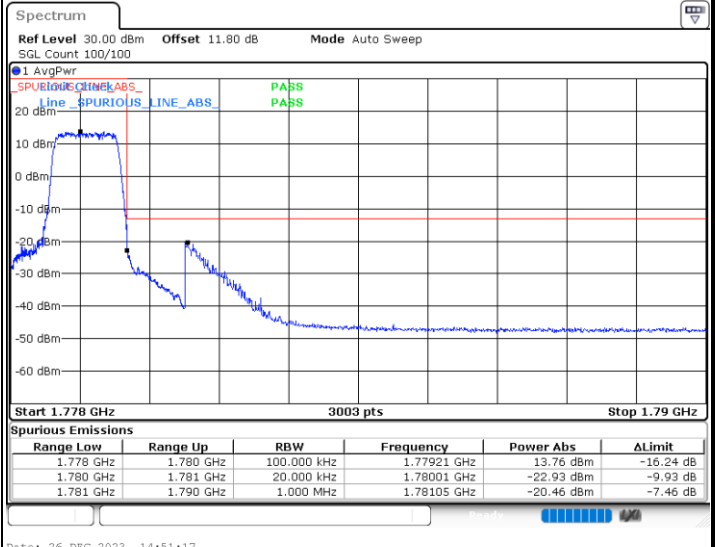
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



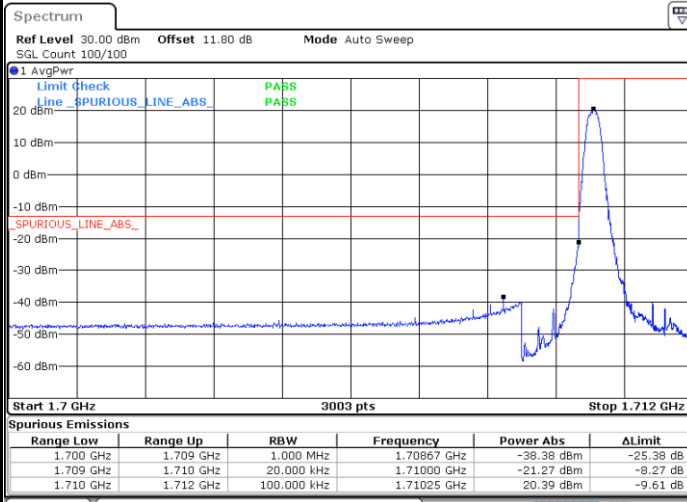
Highest Band Edge / Full RB





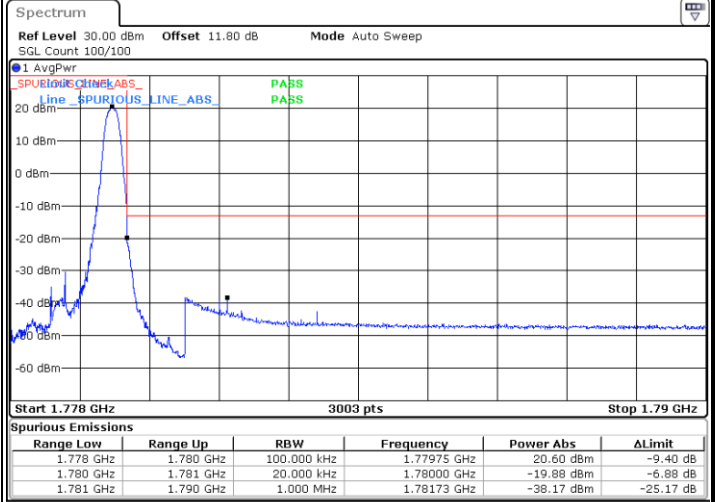
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



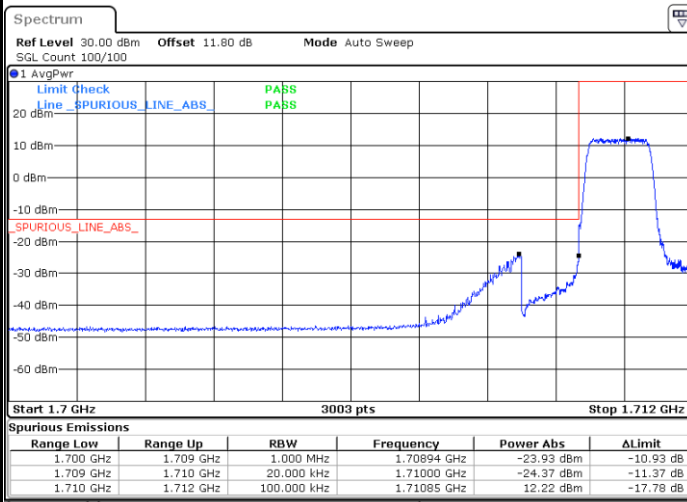
Date: 26.DEC.2023 14:33:03

Highest Band Edge / 1 RB



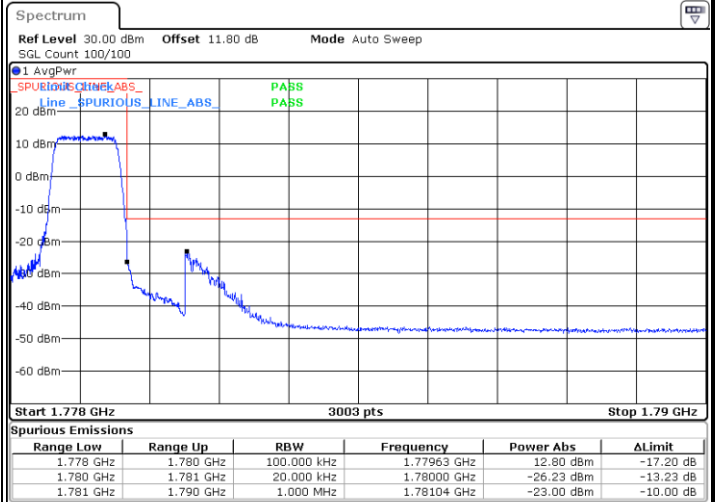
Date: 26.DEC.2023 14:47:38

Lowest Band Edge / Full RB



Date: 26.DEC.2023 14:37:54

Highest Band Edge / Full RB

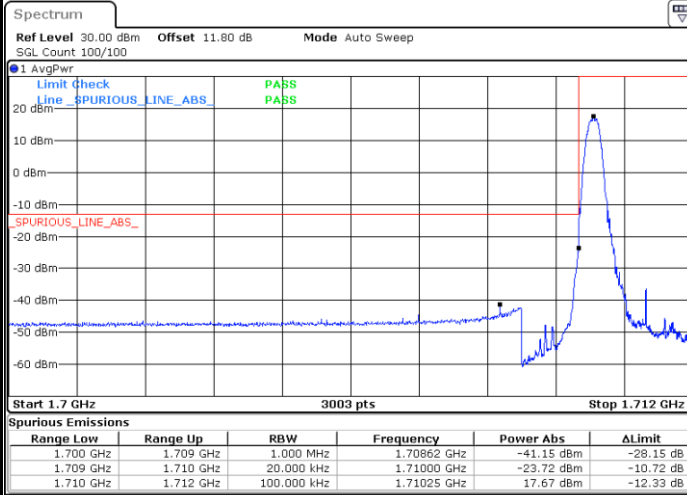


Date: 26.DEC.2023 14:52:29



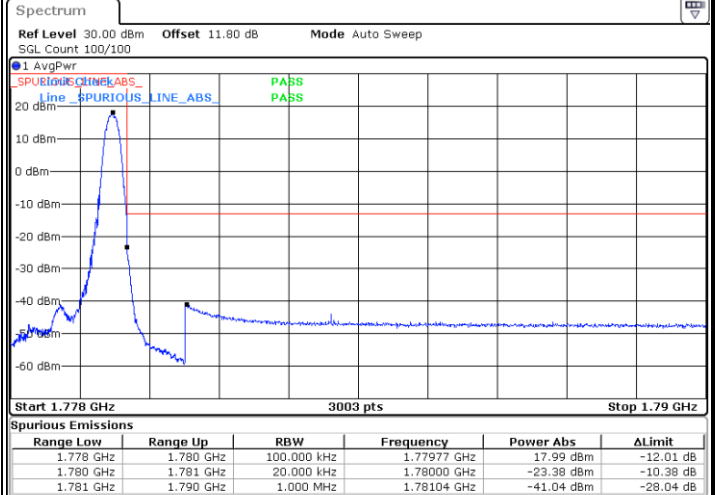
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



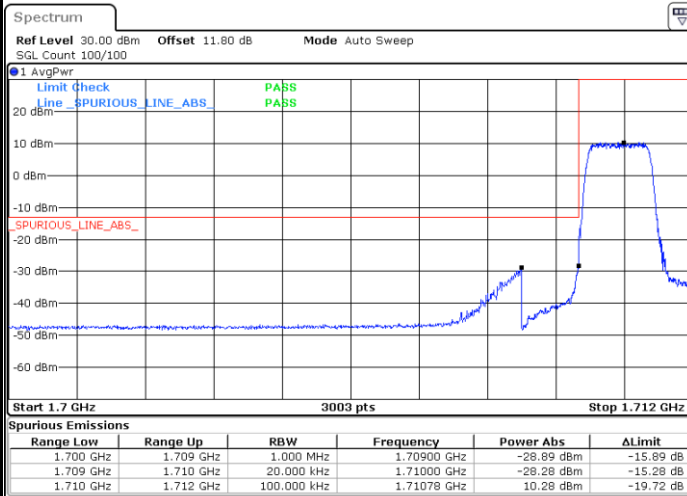
Date: 26.DEC.2023 14:34:15

Highest Band Edge / 1 RB



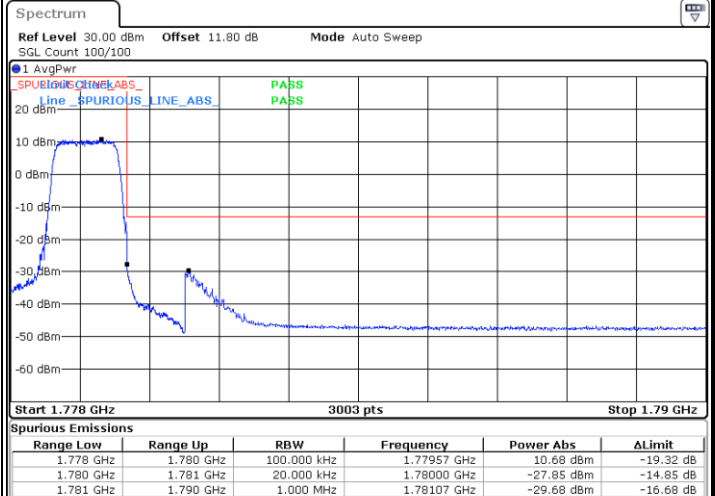
Date: 26.DEC.2023 14:48:50

Lowest Band Edge / Full RB



Date: 26.DEC.2023 14:39:06

Highest Band Edge / Full RB

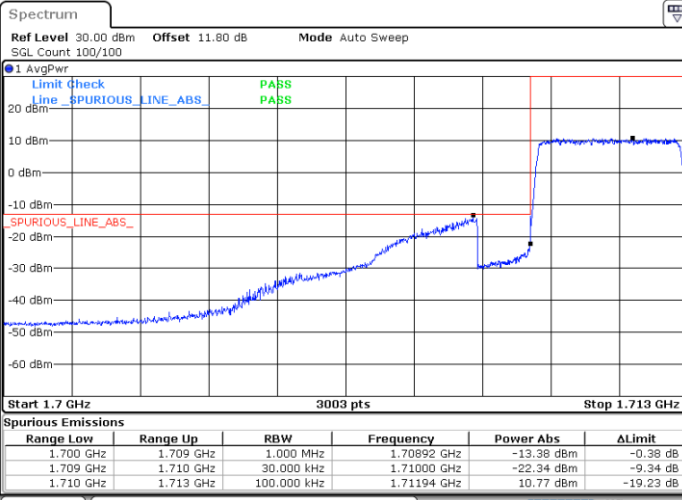


Date: 26.DEC.2023 14:53:41



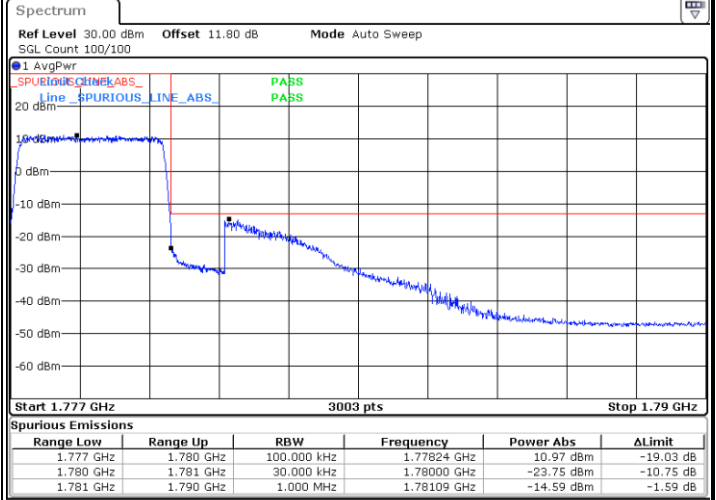
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:00:48

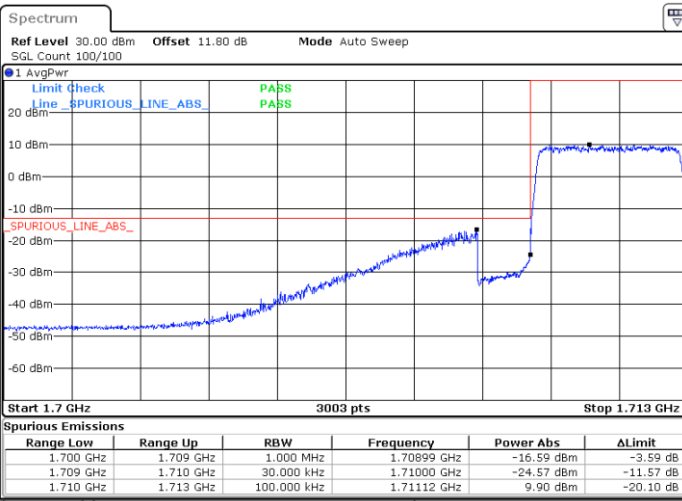
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:12:43

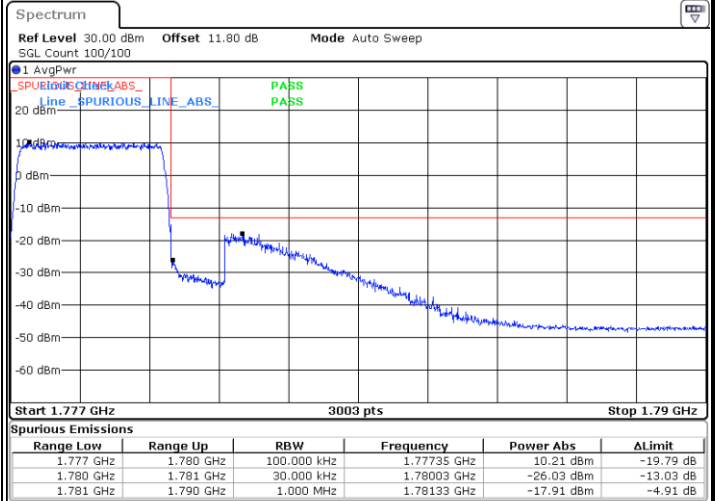
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:01:40

Highest Band Edge / Full RB

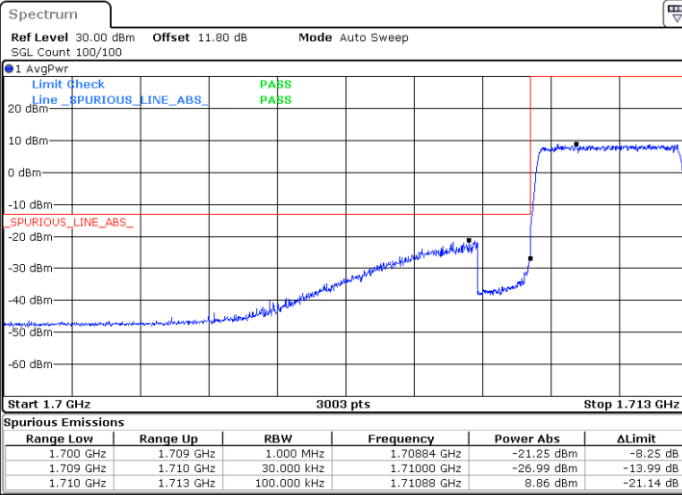


Date: 26.DEC.2023 15:13:35



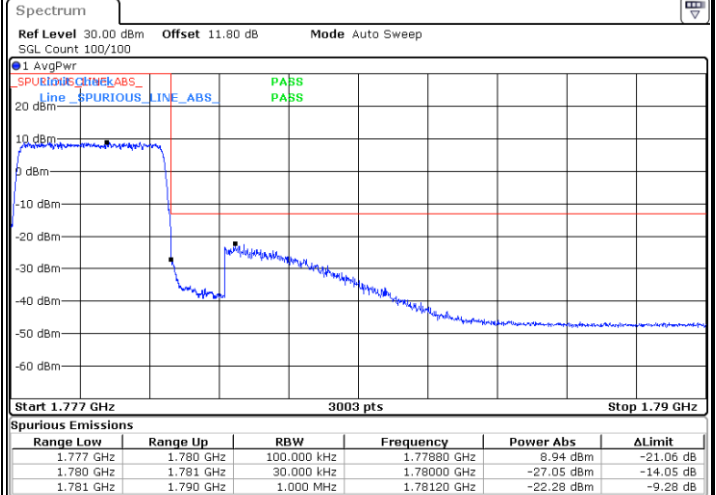
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:02:32

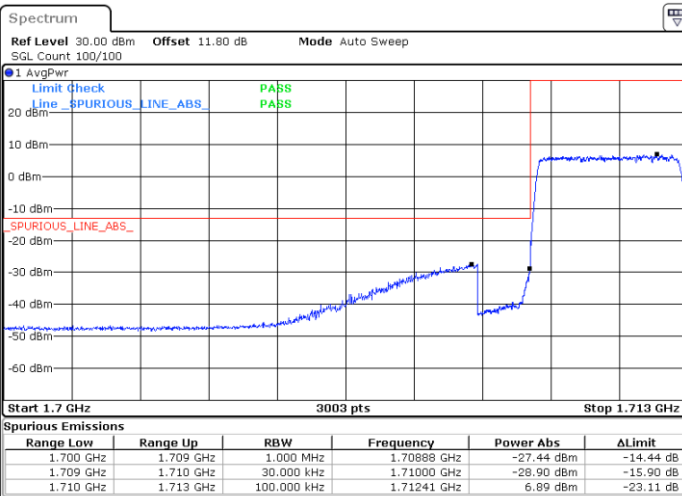
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:14:27

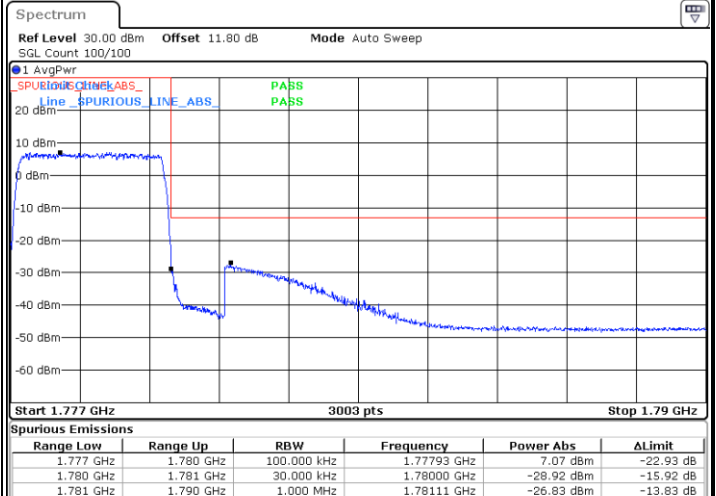
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:03:24

Highest Band Edge / Full RB

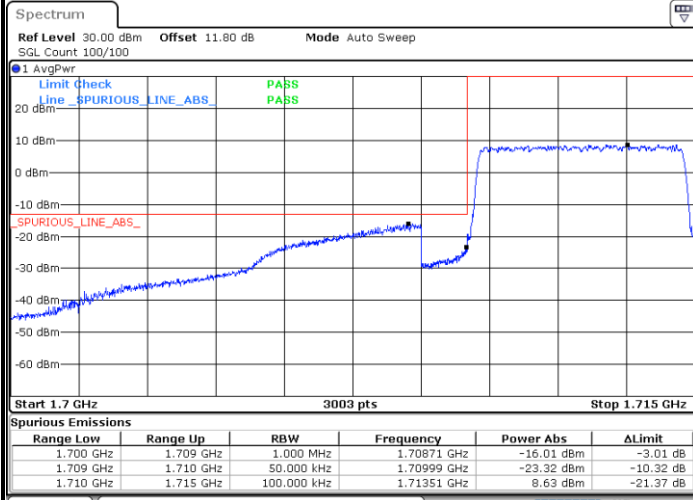


Date: 26.DEC.2023 15:15:19



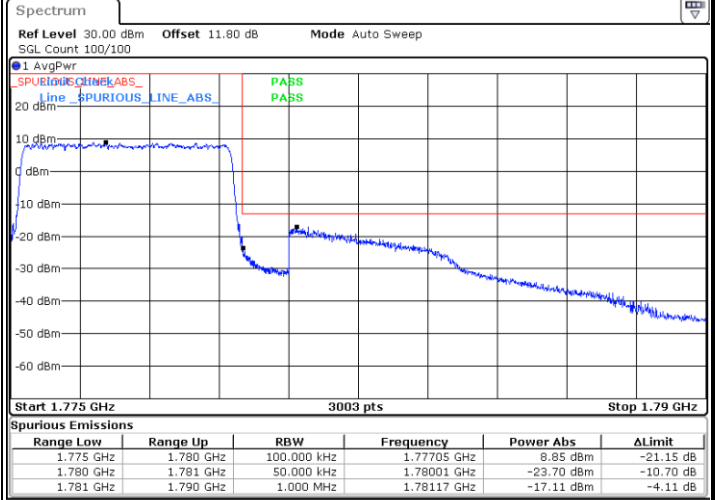
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:21:29

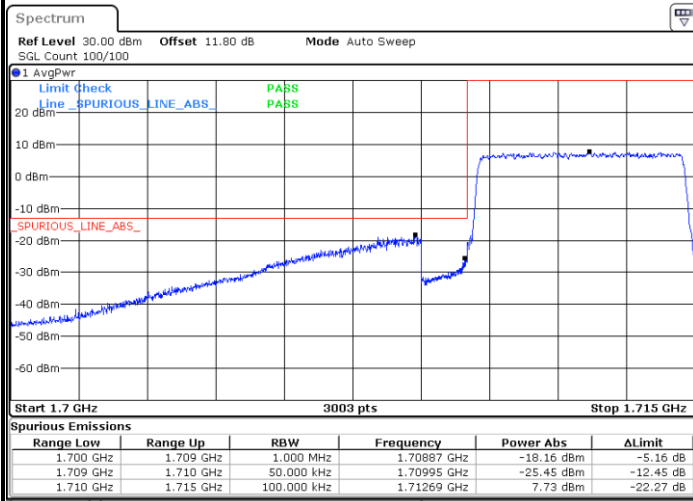
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:33:24

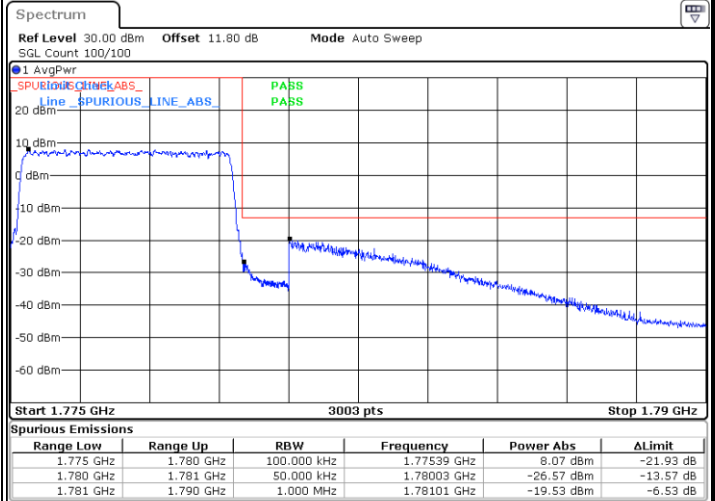
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:22:21

Highest Band Edge / Full RB

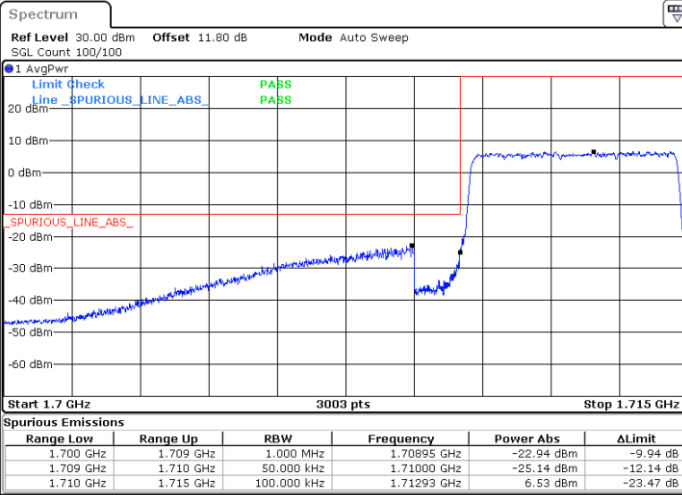


Date: 26.DEC.2023 15:34:16



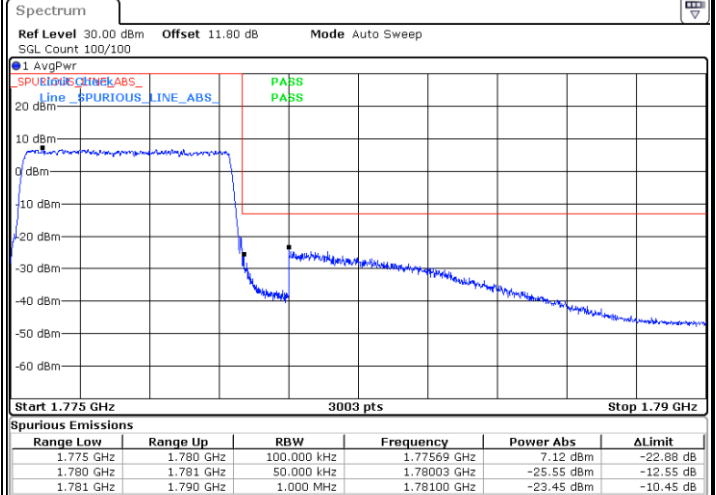
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:23:13

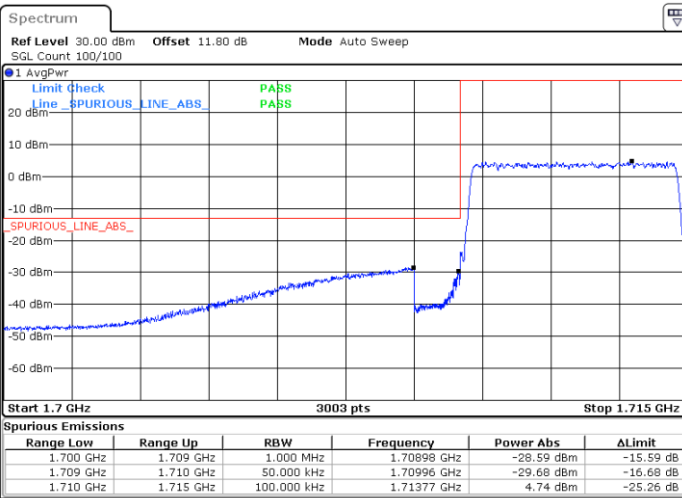
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:35:08

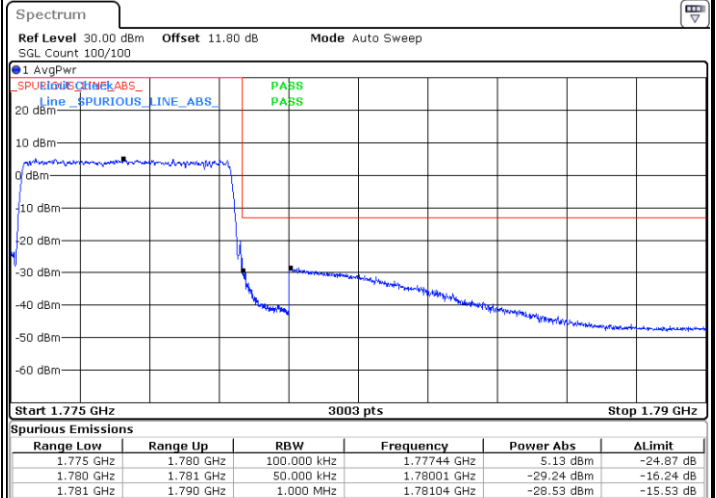
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:24:05

Highest Band Edge / Full RB

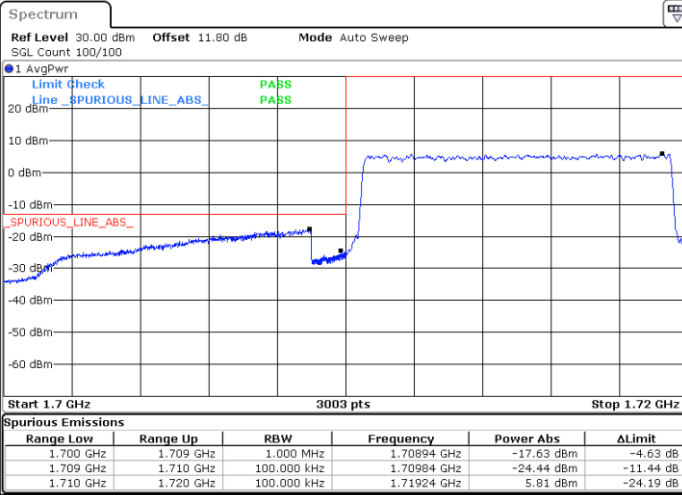


Date: 26.DEC.2023 15:36:00



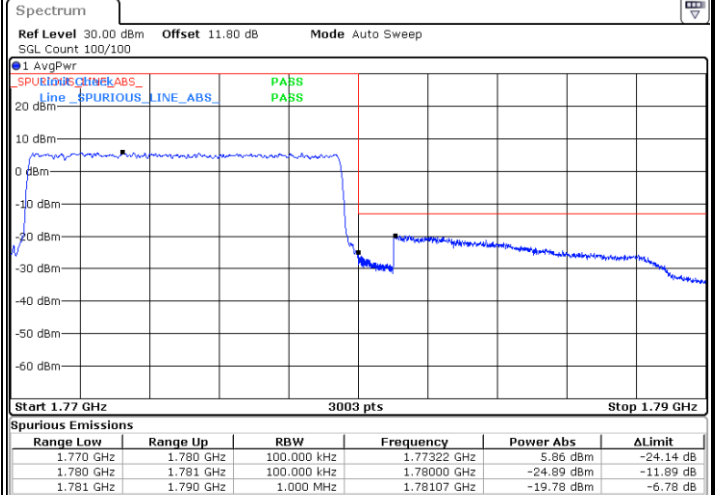
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:41:36

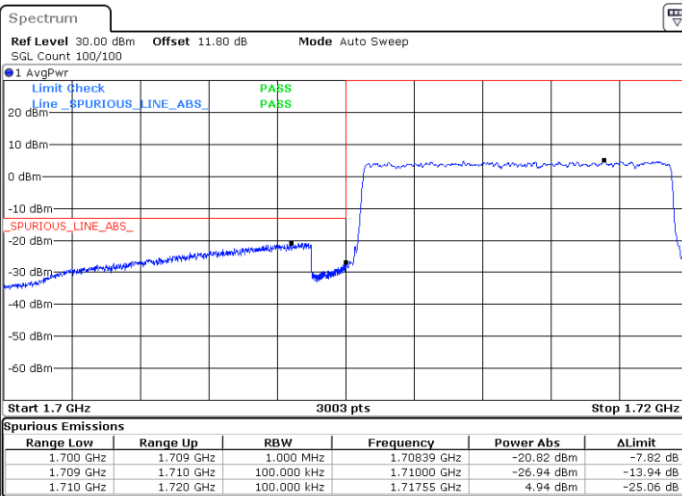
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:53:31

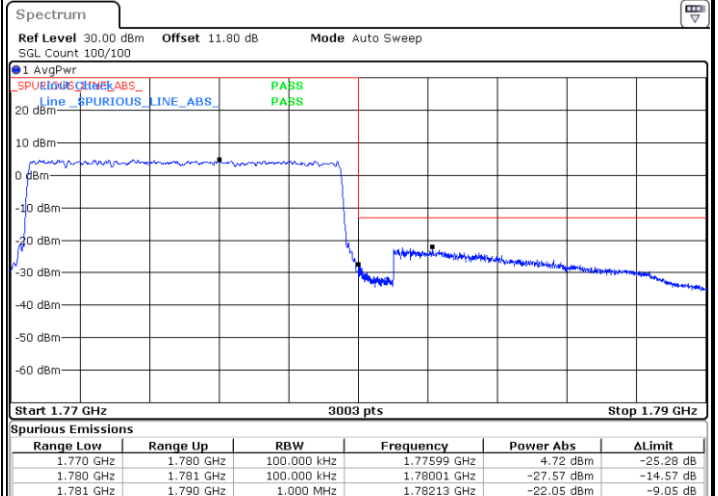
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:42:28

Highest Band Edge / Full RB

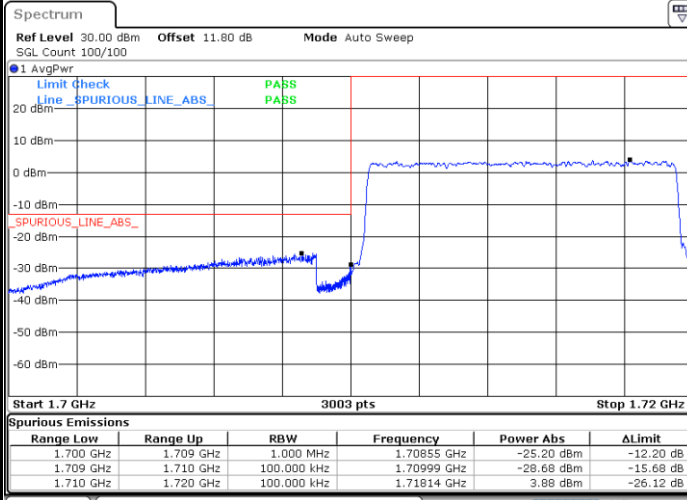


Date: 26.DEC.2023 15:54:23



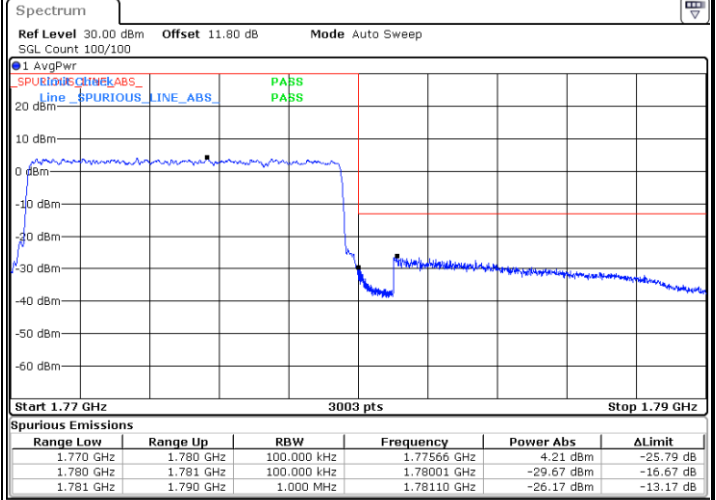
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:43:20

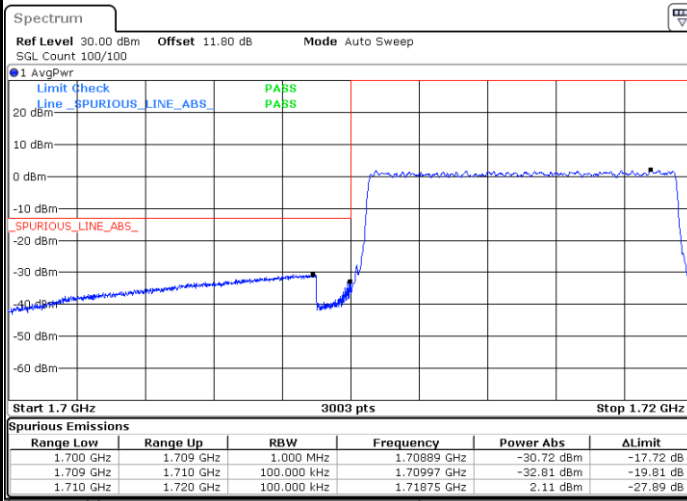
Highest Band Edge / Full RB



Date: 26.DEC.2023 15:55:15

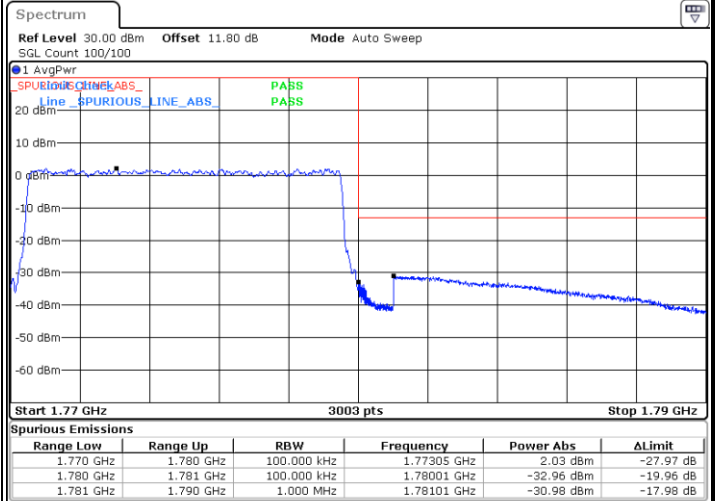
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 15:44:12

Highest Band Edge / Full RB

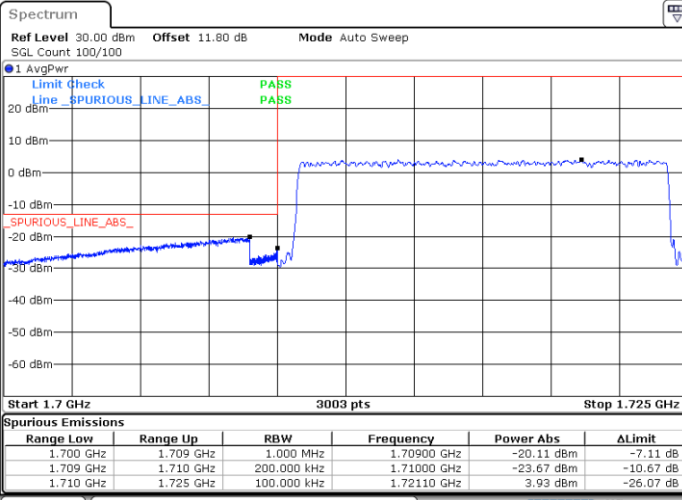


Date: 26.DEC.2023 15:56:07



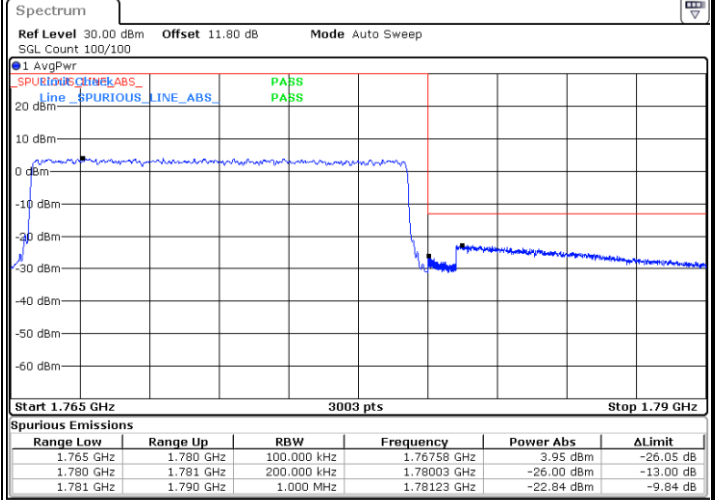
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:03:36

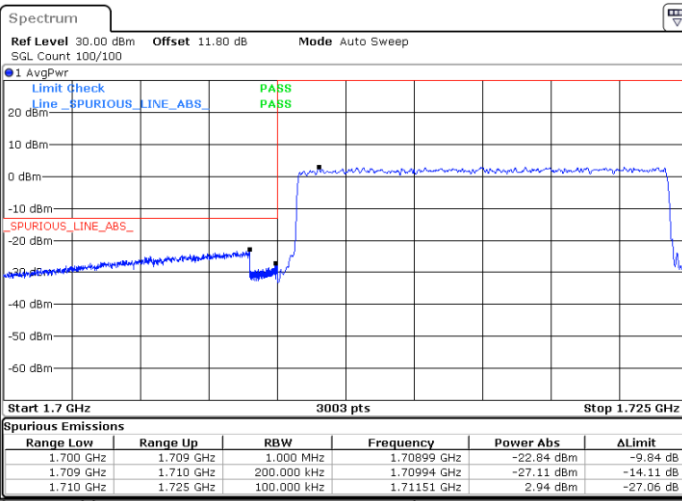
Highest Band Edge / Full RB



Date: 26.DEC.2023 16:15:31

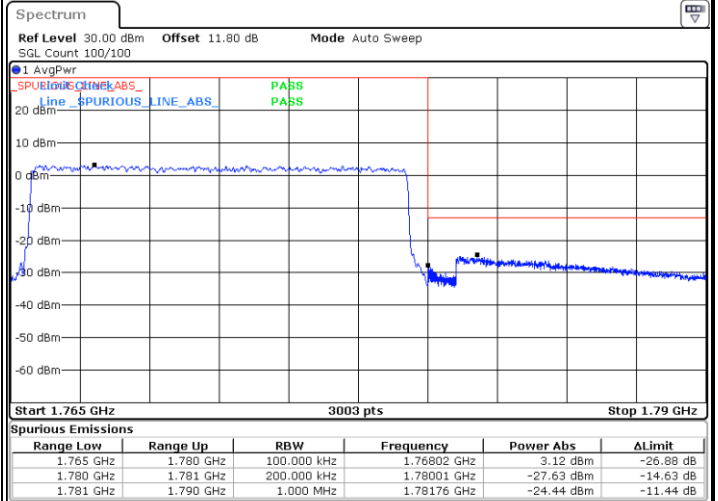
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:04:28

Highest Band Edge / Full RB

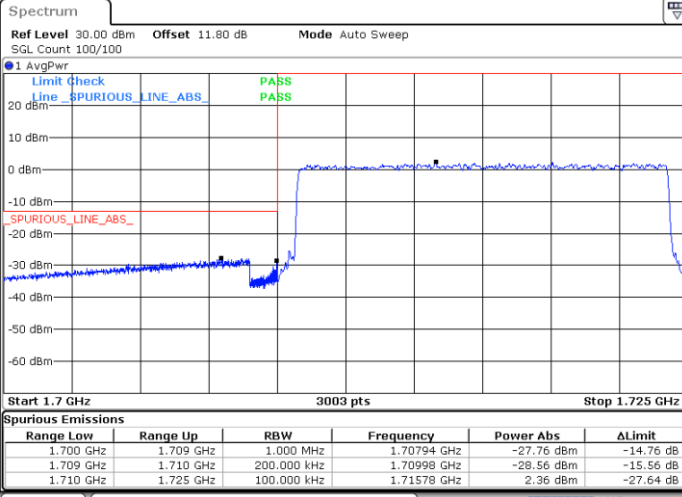


Date: 26.DEC.2023 16:16:23



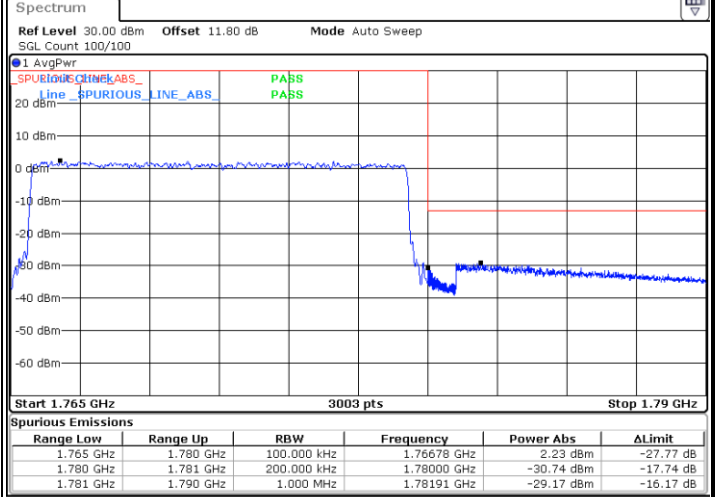
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:05:20

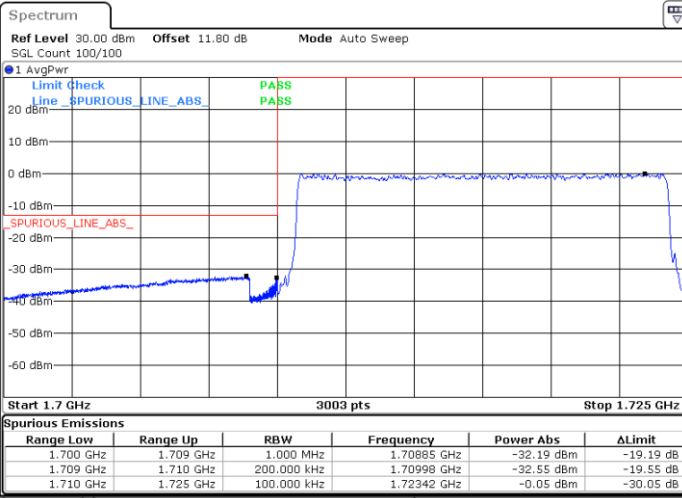
Highest Band Edge / Full RB



Date: 26.DEC.2023 16:17:15

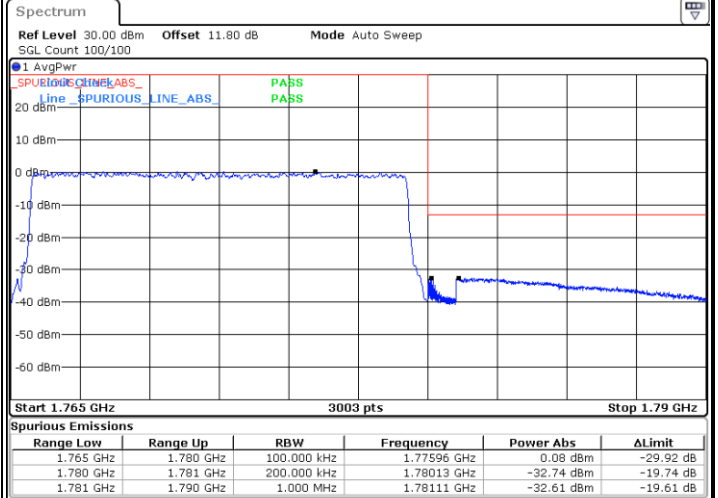
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:06:12

Highest Band Edge / Full RB

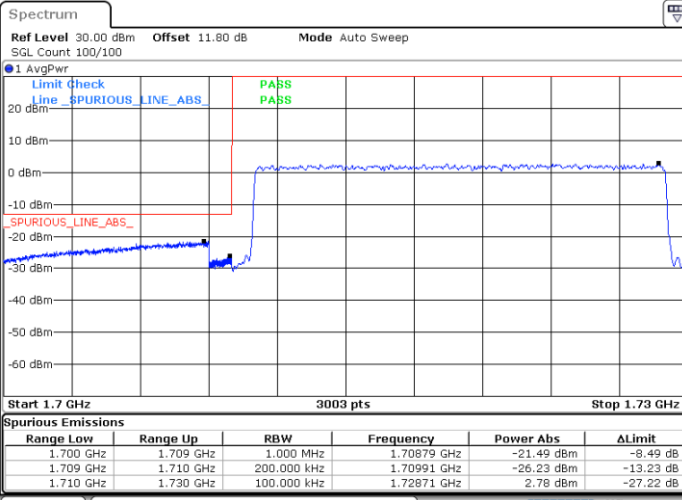


Date: 26.DEC.2023 16:18:07

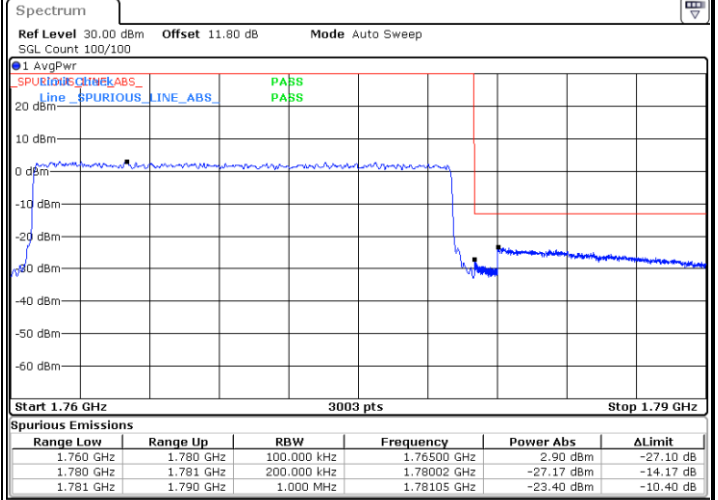


LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB

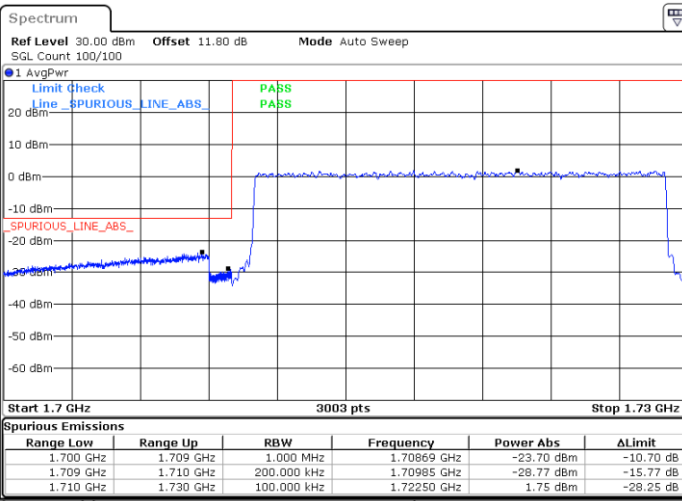


Highest Band Edge / Full RB

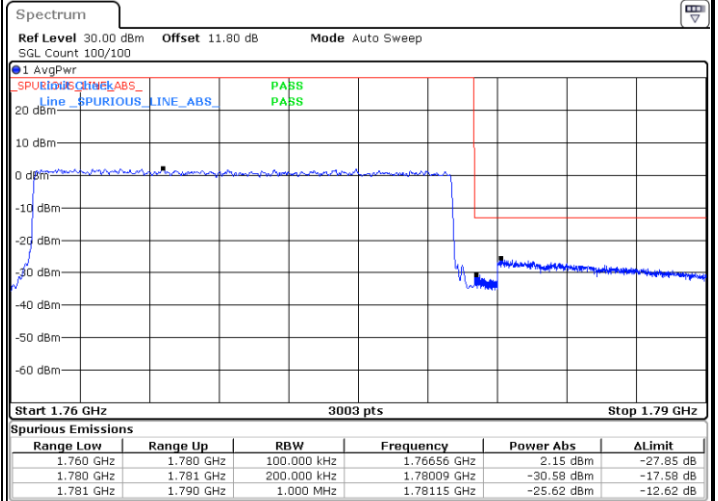


LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



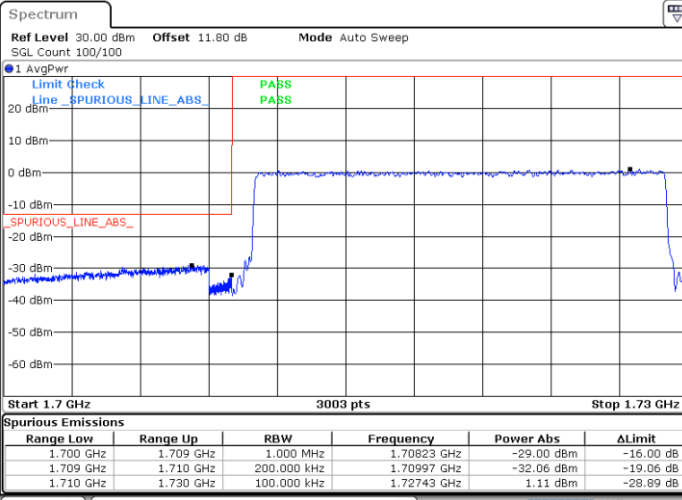
Highest Band Edge / Full RB





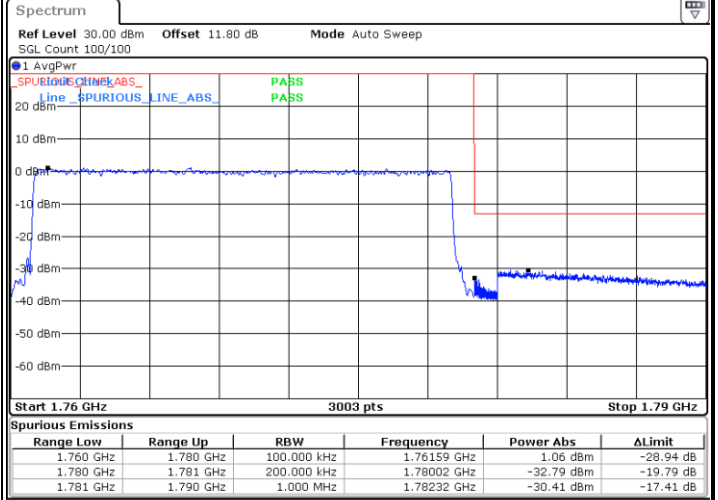
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:28:44

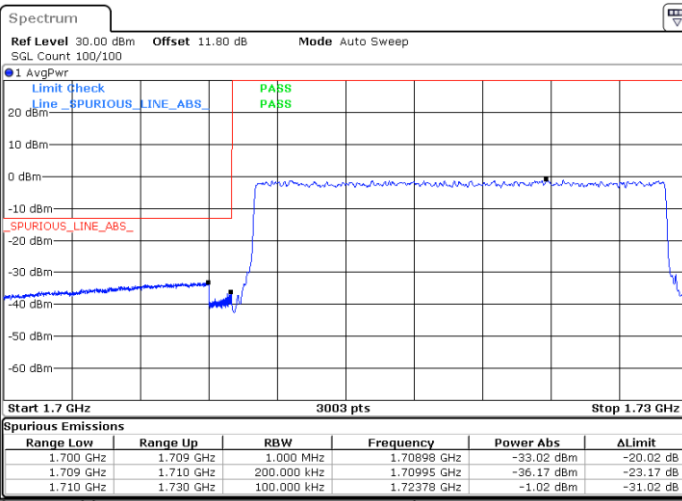
Highest Band Edge / Full RB



Date: 26.DEC.2023 16:40:39

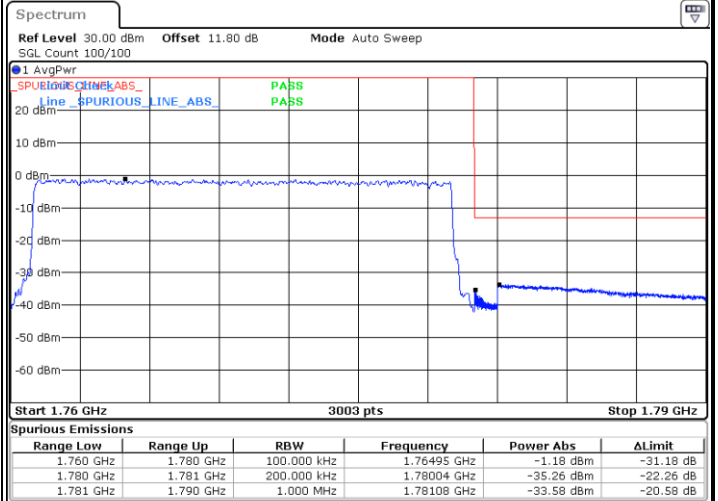
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 16:29:36

Highest Band Edge / Full RB



Date: 26.DEC.2023 16:41:31

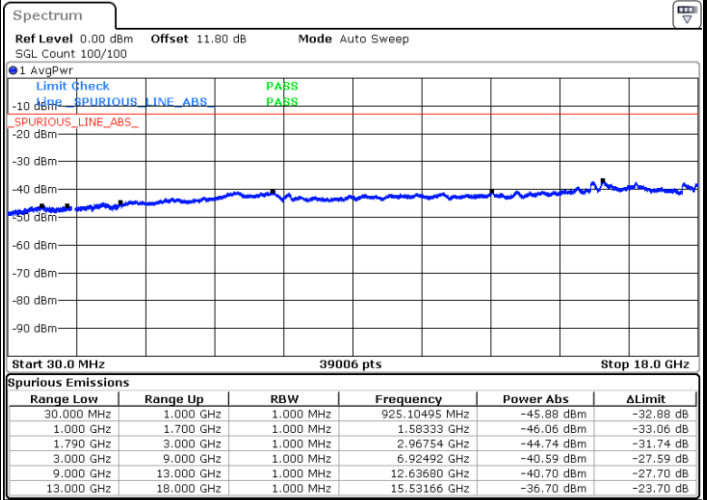
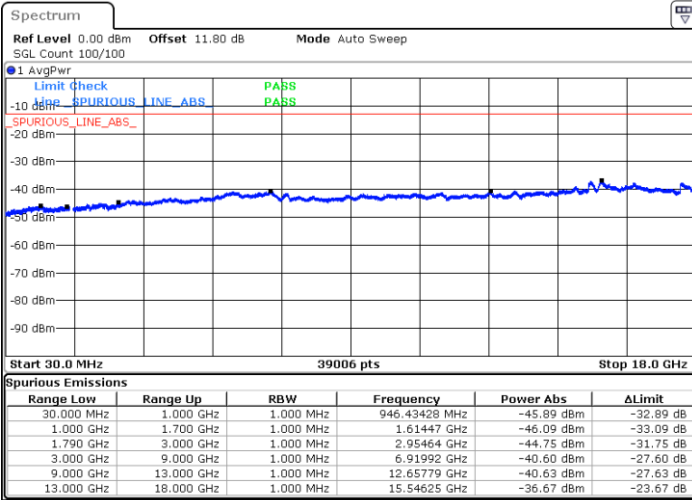


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

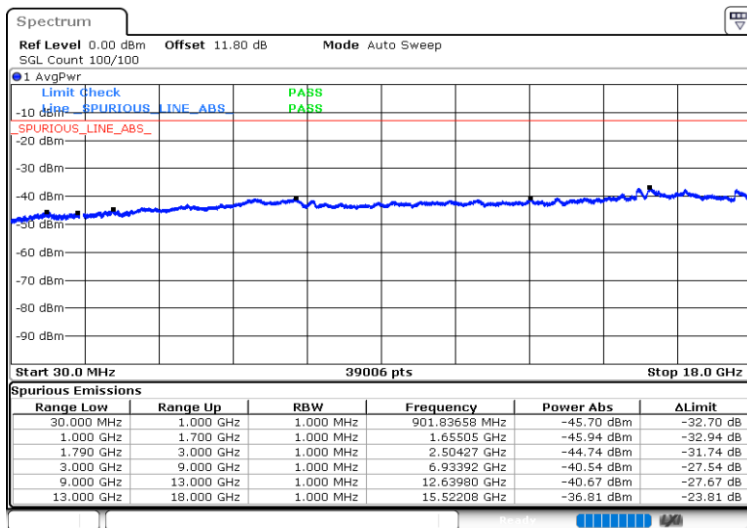
Middle Channel / QPSK



Date: 26.DEC.2023 14:30:38

Date: 26.DEC.2023 14:43:10

Highest Channel / QPSK



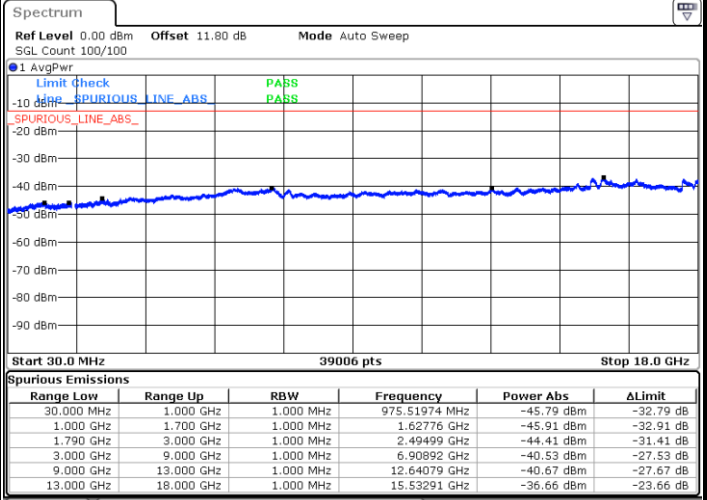
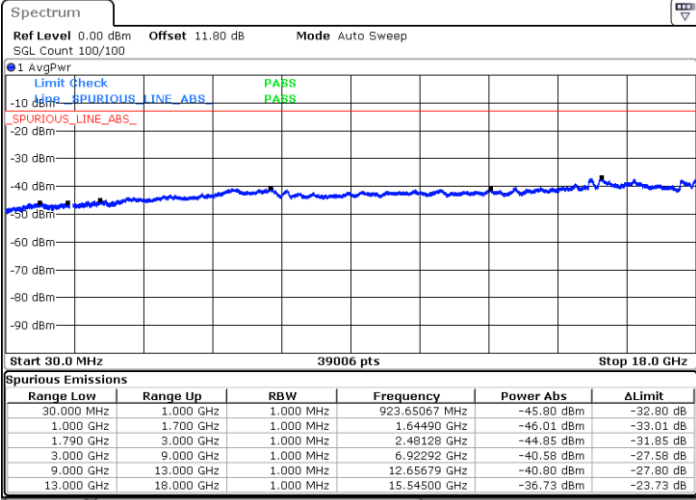
Date: 26.DEC.2023 14:44:02



LTE Band 66 / 3MHz

Lowest Channel / QPSK

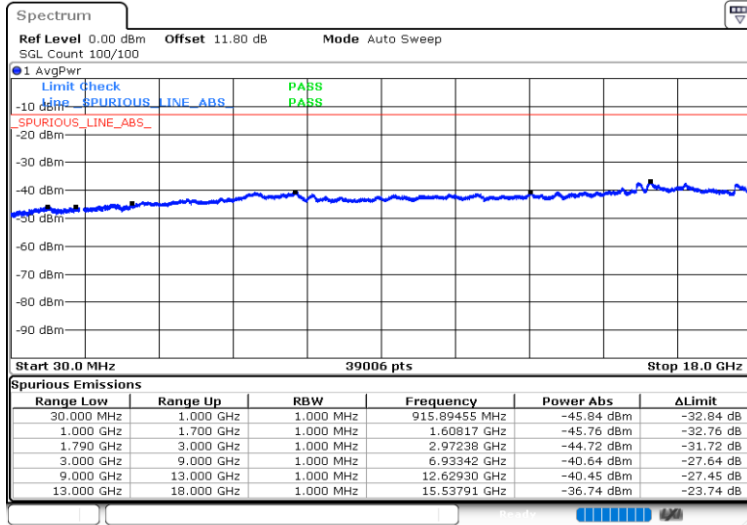
Middle Channel / QPSK



Date: 26.DEC.2023 14:57:17

Date: 26.DEC.2023 15:07:28

Highest Channel / QPSK



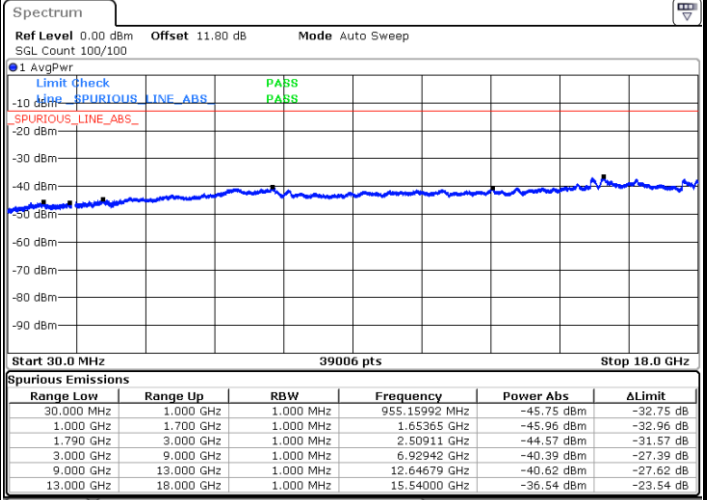
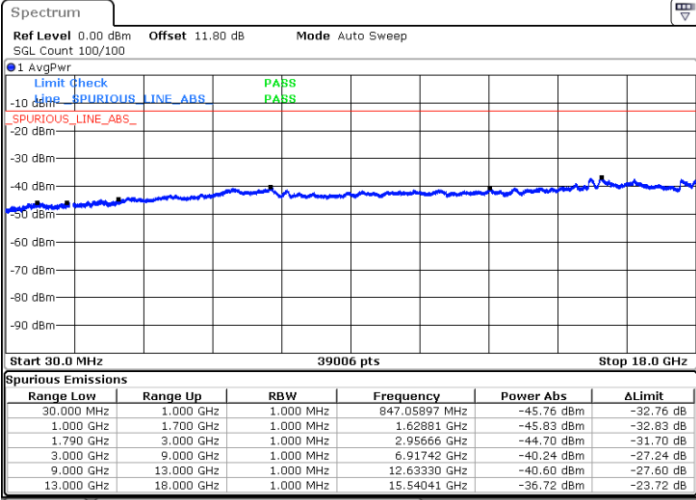
Date: 26.DEC.2023 15:08:20



LTE Band 66 / 5MHz

Lowest Channel / QPSK

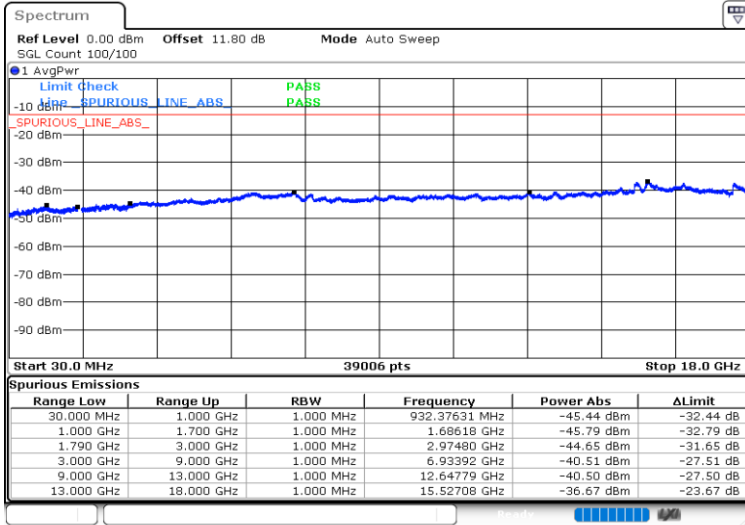
Middle Channel / QPSK



Date: 26.DEC.2023 15:17:58

Date: 26.DEC.2023 15:28:09

Highest Channel / QPSK



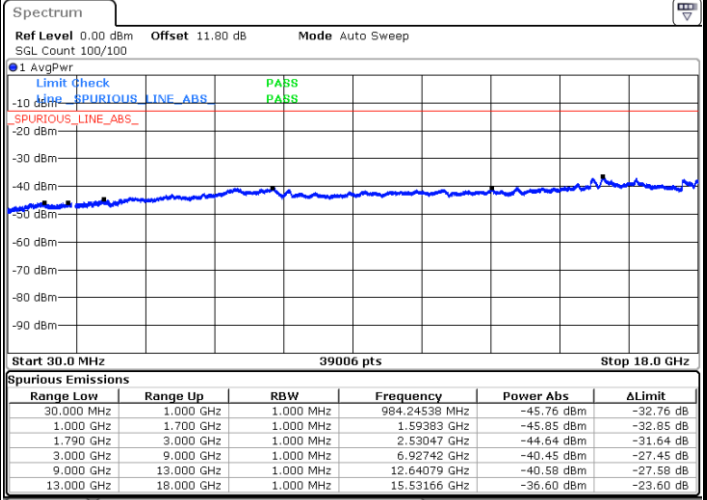
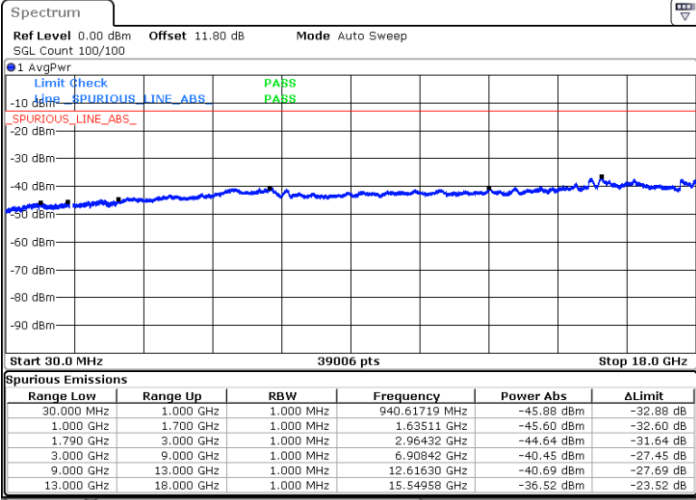
Date: 26.DEC.2023 15:29:01



LTE Band 66 / 10MHz

Lowest Channel / QPSK

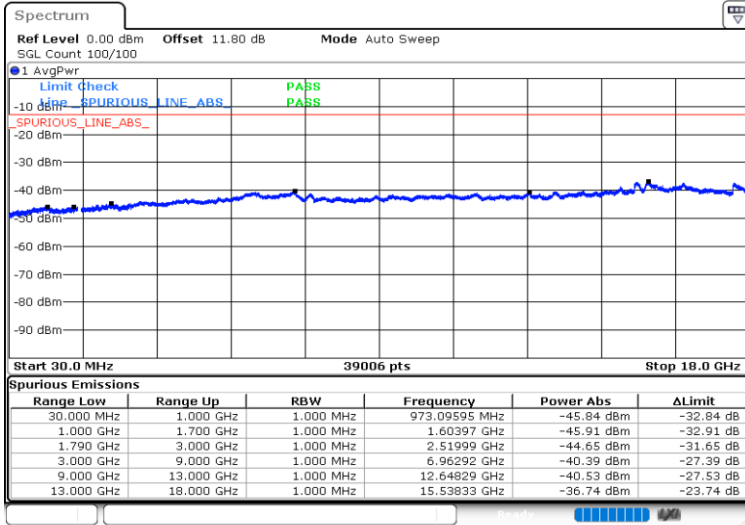
Middle Channel / QPSK



Date: 26.DEC.2023 15:38:05

Date: 26.DEC.2023 15:48:16

Highest Channel / QPSK



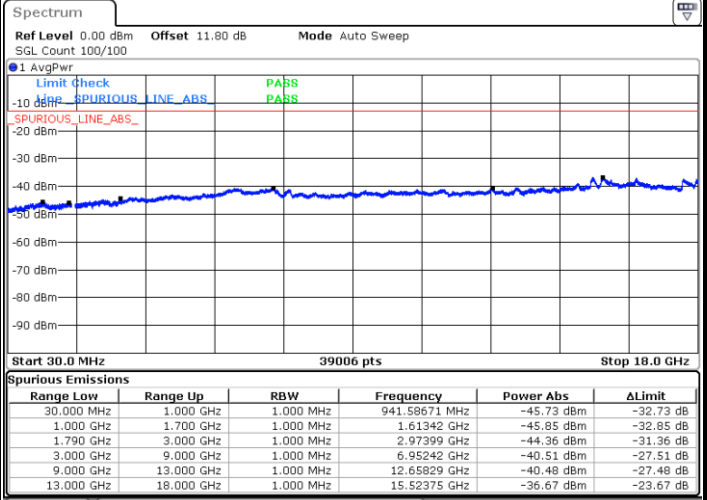
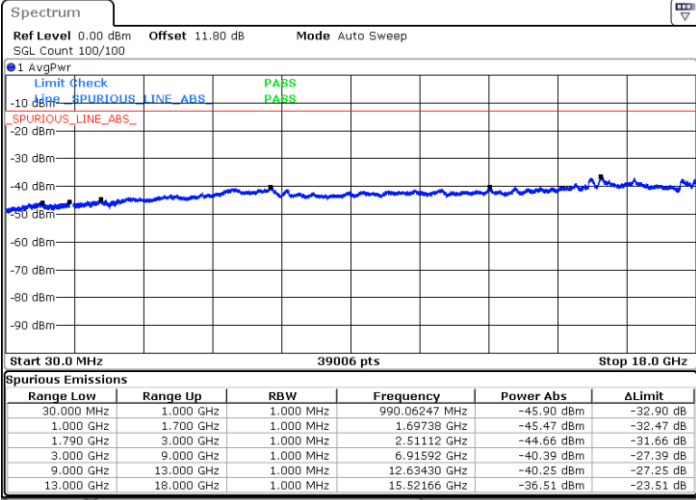
Date: 26.DEC.2023 15:49:08



LTE Band 66 / 15MHz

Lowest Channel / QPSK

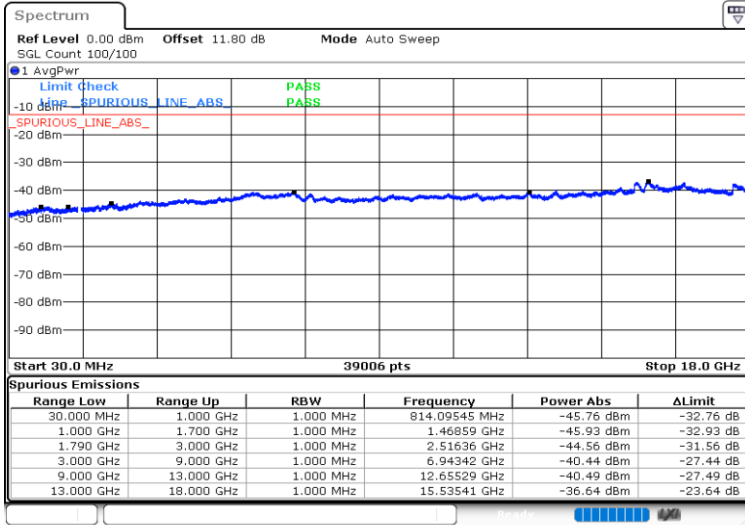
Middle Channel / QPSK



Date: 26.DEC.2023 16:00:05

Date: 26.DEC.2023 16:10:16

Highest Channel / QPSK



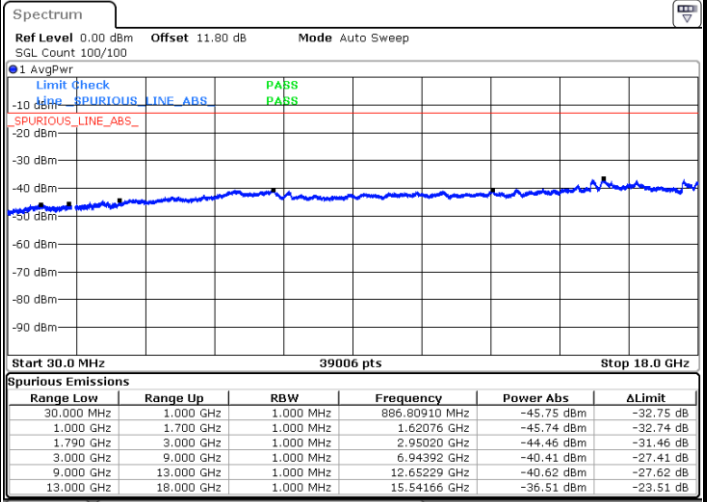
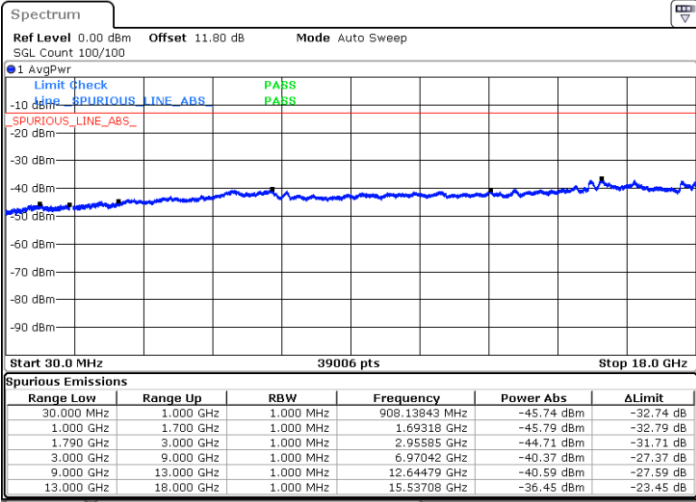
Date: 26.DEC.2023 16:11:08



LTE Band 66 / 20MHz

Lowest Channel / QPSK

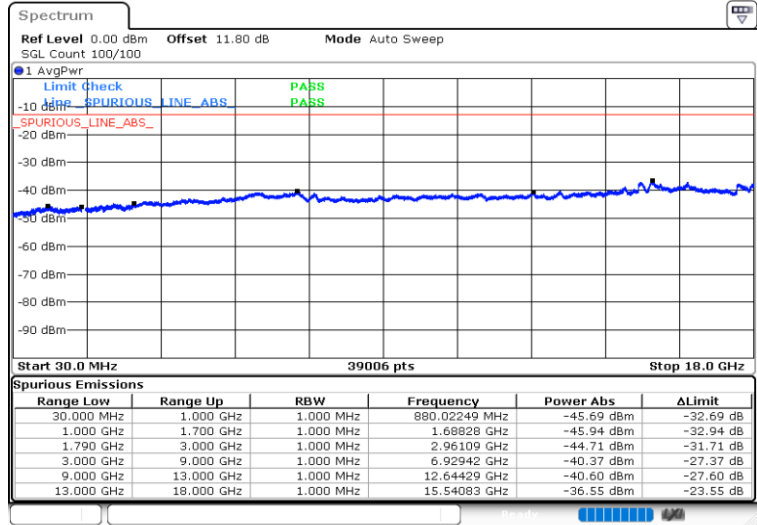
Middle Channel / QPSK



Date: 26.DEC.2023 16:23:29

Date: 26.DEC.2023 16:33:40

Highest Channel / QPSK



Date: 26.DEC.2023 16:34:32



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	0.0073	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0073	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0080	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0060	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0091	

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	10.00	14.62	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.80	19.69	19.06

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.94	14.62	18.90
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.62	19.66	19.14

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.02	14.68	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.74	19.62	19.02

Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.02	14.59	19.10
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.74	19.62	19.22