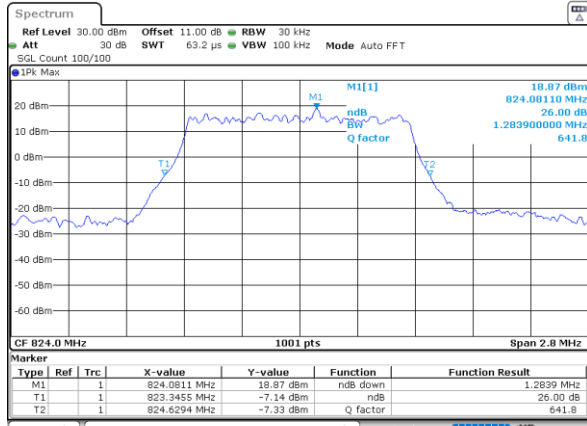




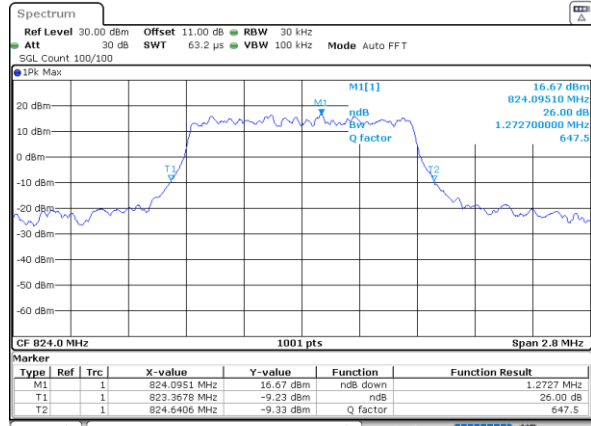
LTE Band 26

Middle Channel / 1.4MHz / QPSK



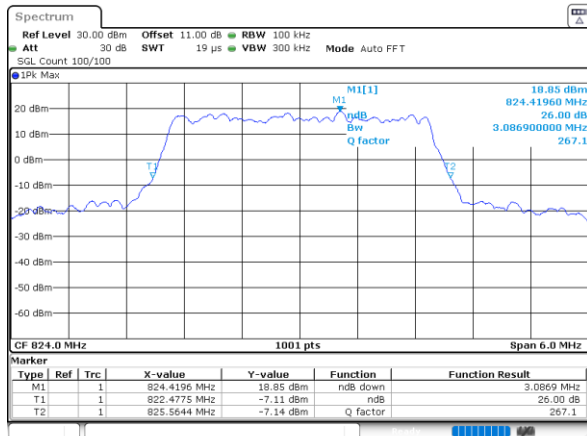
Date: 2.DEC.2022 17:04:09

Middle Channel / 1.4MHz / 16QAM



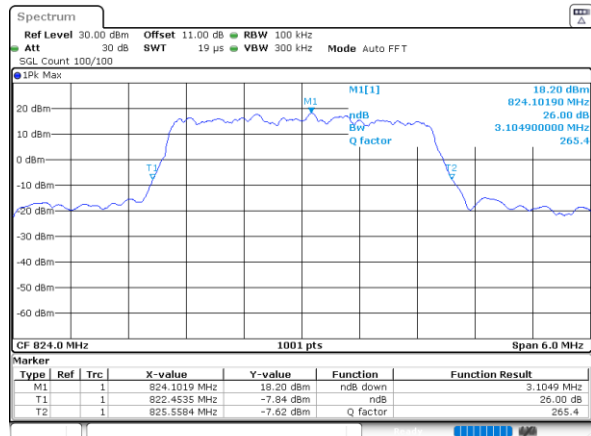
Date: 2.DEC.2022 17:04:38

Middle Channel / 3MHz / QPSK



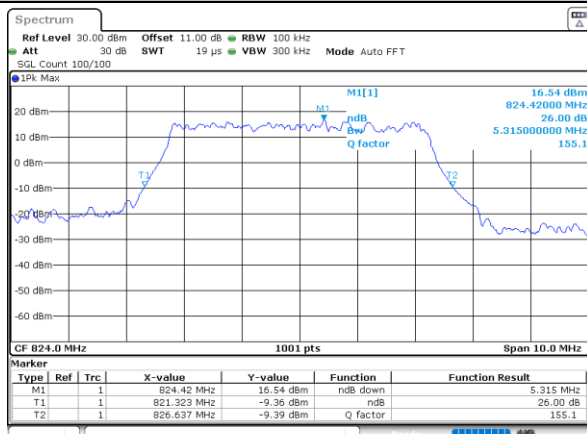
Date: 2.DEC.2022 17:07:08

Middle Channel / 3MHz / 16QAM



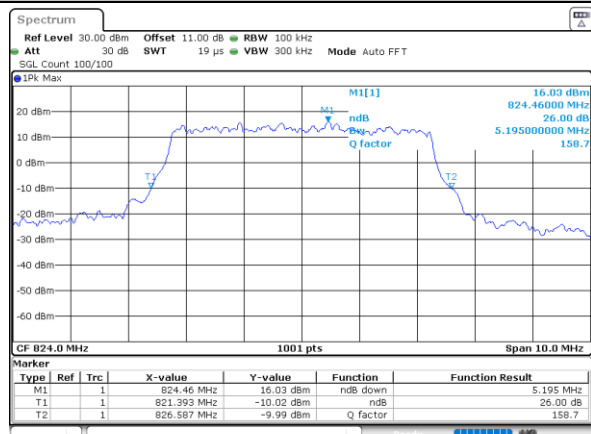
Date: 2.DEC.2022 17:07:38

Middle Channel / 5MHz / QPSK



Date: 2.DEC.2022 17:10:08

Middle Channel / 5MHz / 16QAM

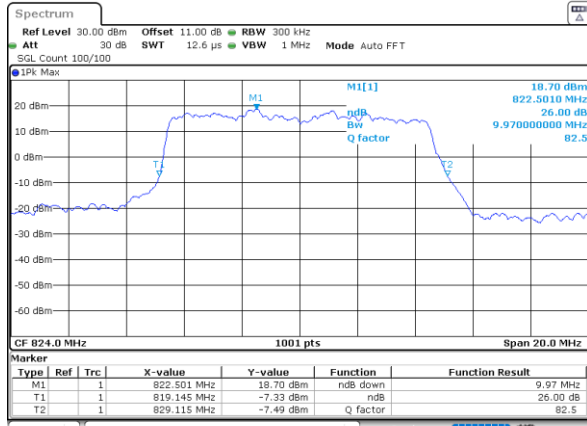


Date: 2.DEC.2022 17:10:37



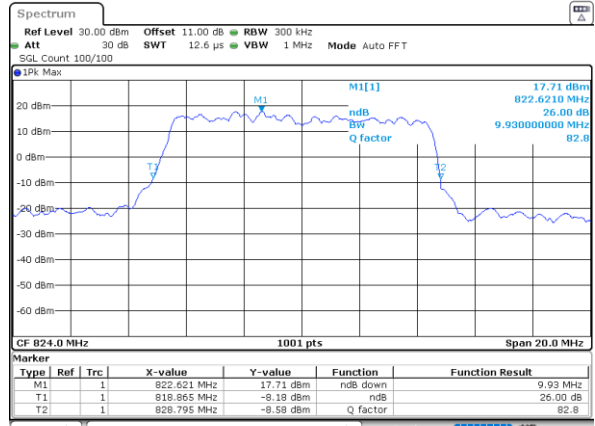
LTE Band 26

Middle Channel / 10MHz / QPSK



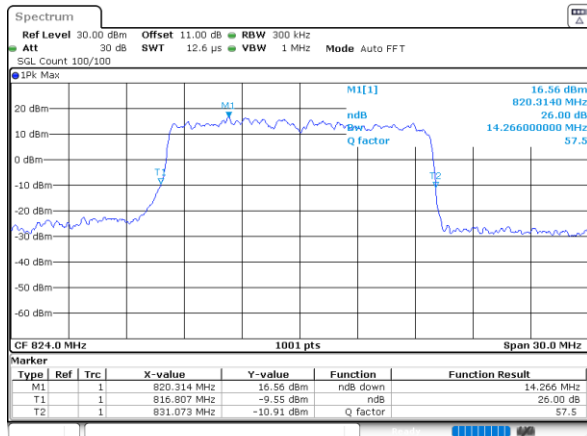
Date: 2,DEC,2022 17:13:07

Middle Channel / 10MHz / 16QAM



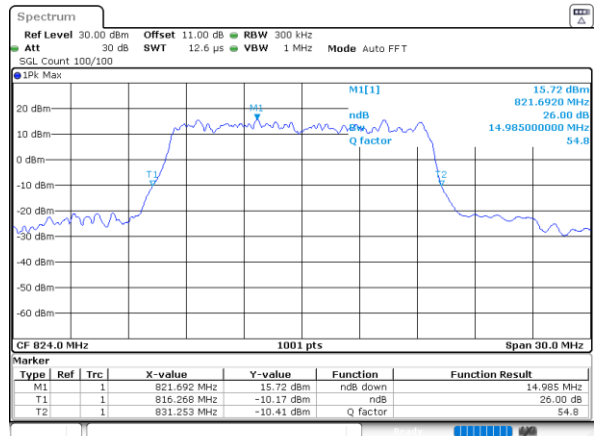
Date: 2,DEC,2022 17:13:37

Middle Channel / 15MHz / QPSK



Date: 2,DEC,2022 17:16:06

Middle Channel / 15MHz / 16QAM

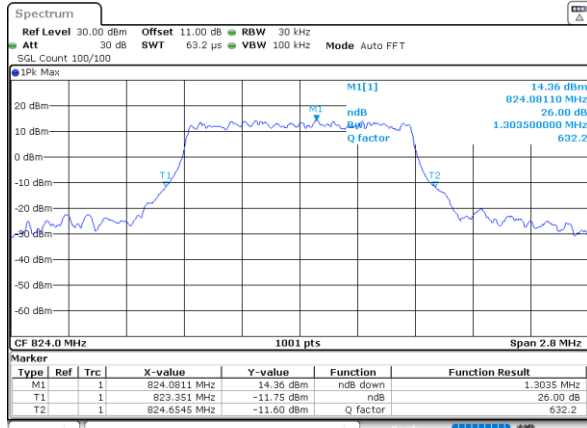


Date: 2,DEC,2022 17:16:36



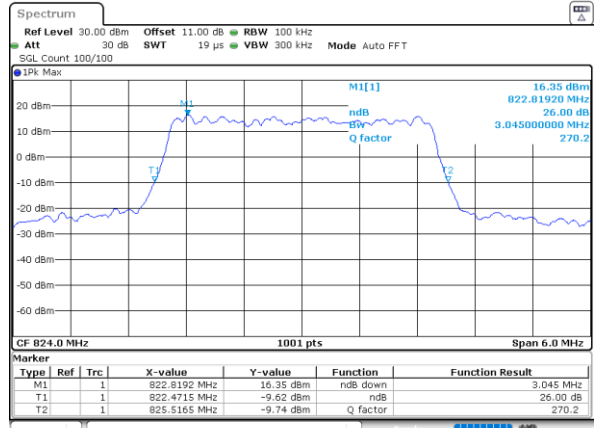
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



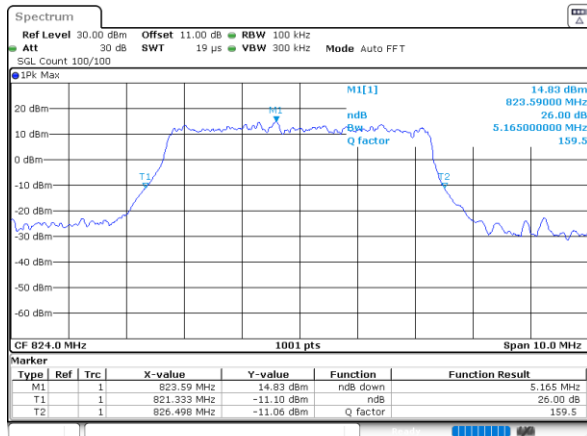
Date: 2,DEC,2022 17:05:36

Middle Channel / 3MHz / 64QAM



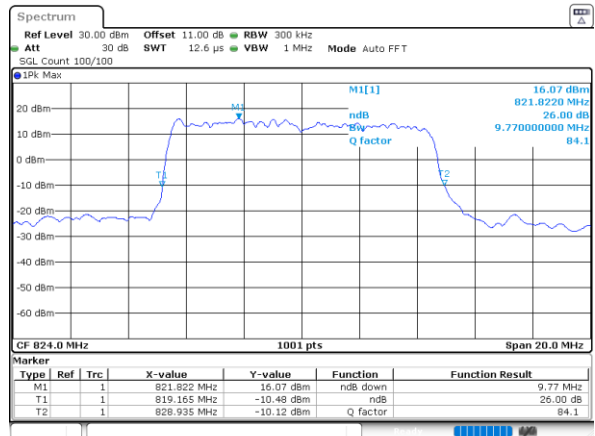
Date: 2,DEC,2022 17:08:35

Middle Channel / 5MHz / 64QAM



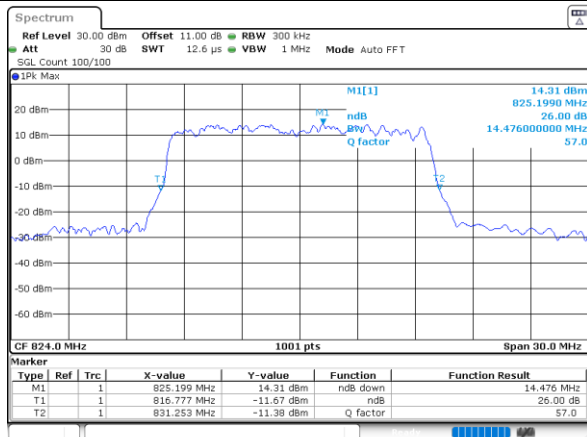
Date: 2,DEC,2022 17:11:35

Middle Channel / 10MHz / 64QAM



Date: 2,DEC,2022 17:14:34

Middle Channel / 15MHz / 64QAM



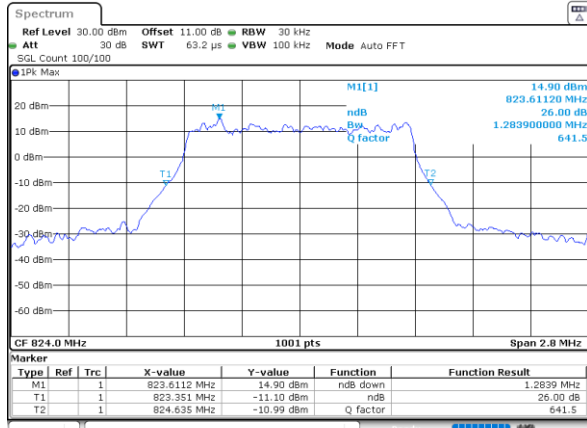
Date: 2,DEC,2022 17:17:33

N/A



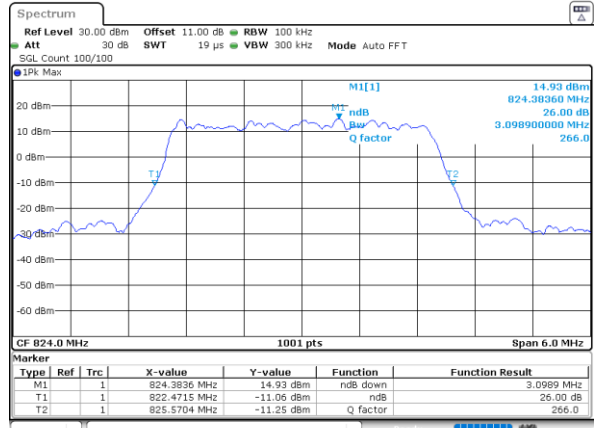
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



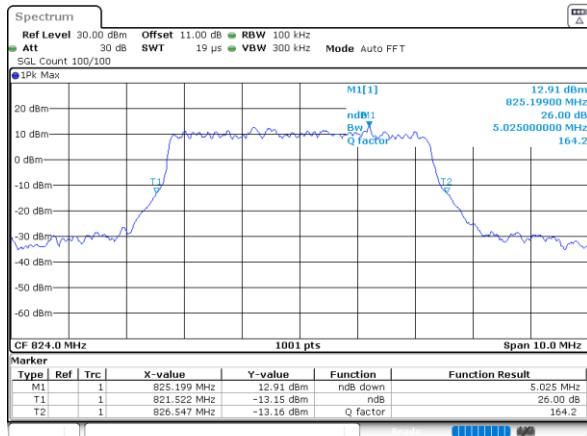
Date: 2,DEC,2022 17:06:20

Middle Channel / 3MHz / 256QAM



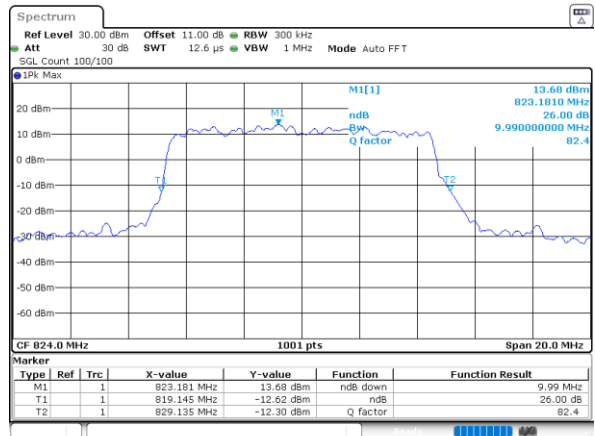
Date: 2,DEC,2022 17:09:19

Middle Channel / 5MHz / 256QAM



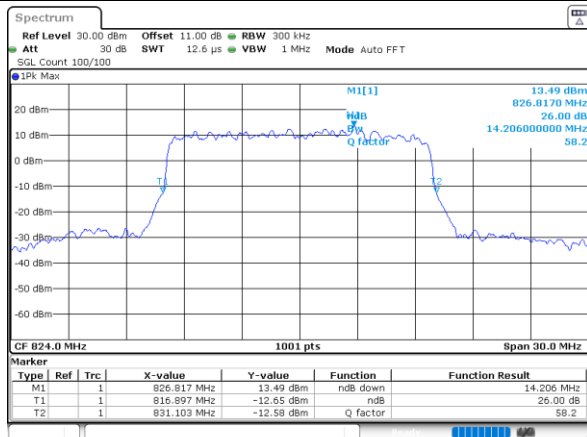
Date: 2,DEC,2022 17:12:16

Middle Channel / 10MHz / 256QAM



Date: 2,DEC,2022 17:15:18

Middle Channel / 15MHz / 256QAM



Date: 2,DEC,2022 17:18:17

N/A

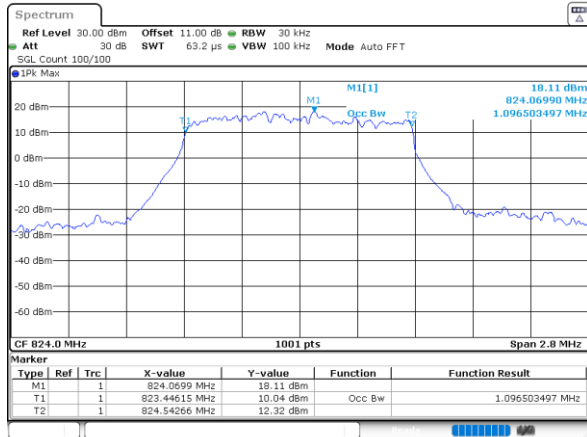
**Occupied Bandwidth**

Mode	LTE Band 26 : 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	1.10	1.09	2.72	2.73	4.52	4.48	9.03	9.01	13.43	13.34	-	-
Mode	LTE Band 26 : 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	4.48	4.49	9.01	9.05	13.40	13.37	-	-

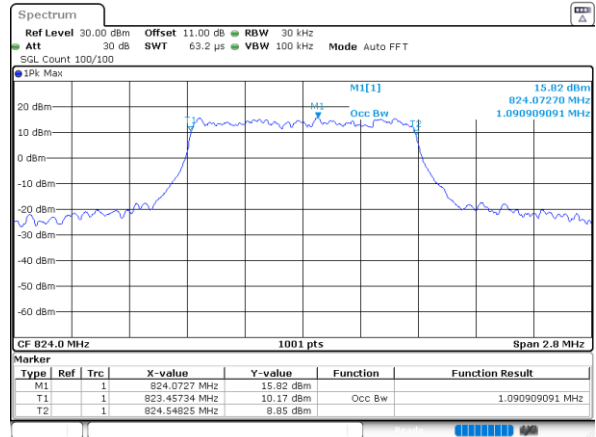


LTE Band 26

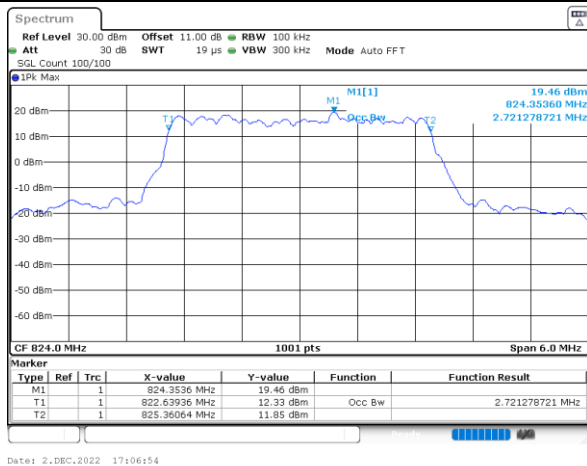
Middle Channel / 1.4MHz / QPSK



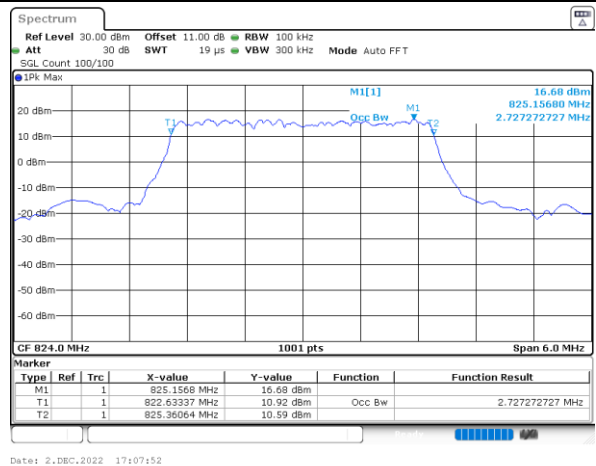
Middle Channel / 1.4MHz / 16QAM



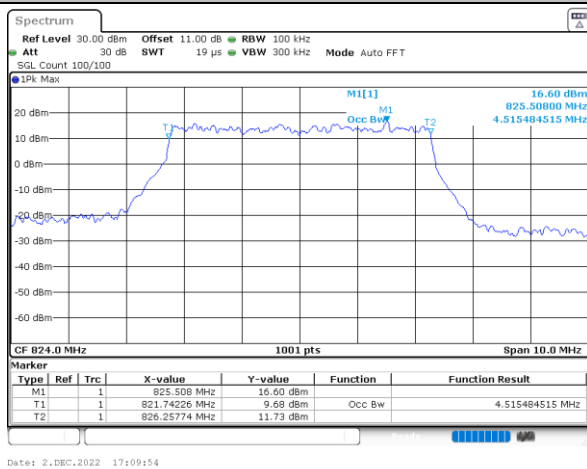
Middle Channel / 3MHz / QPSK



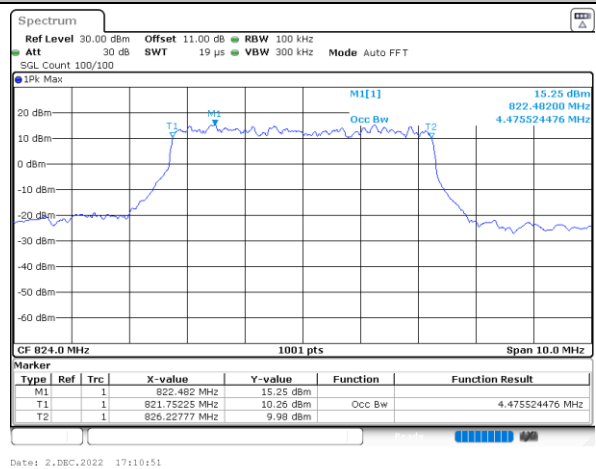
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



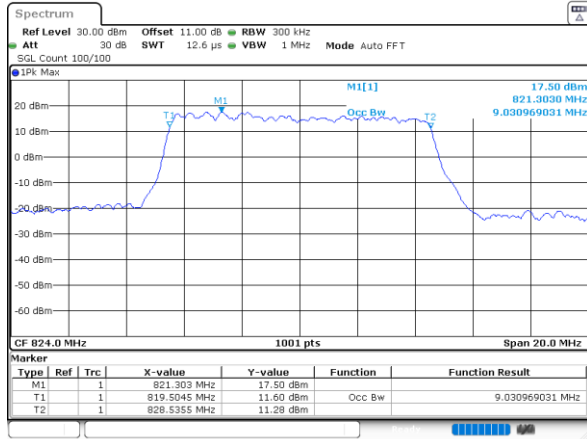
Middle Channel / 5MHz / 16QAM



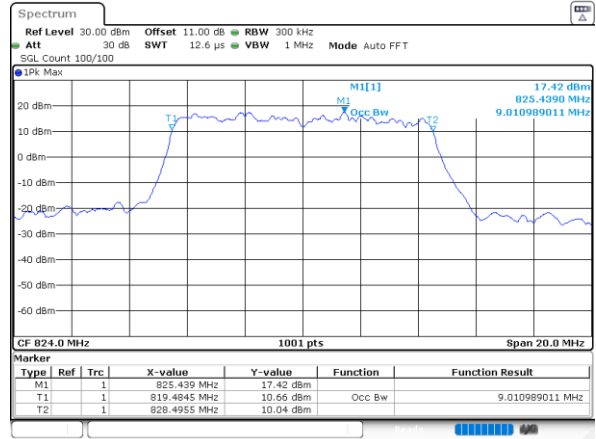


LTE Band 26

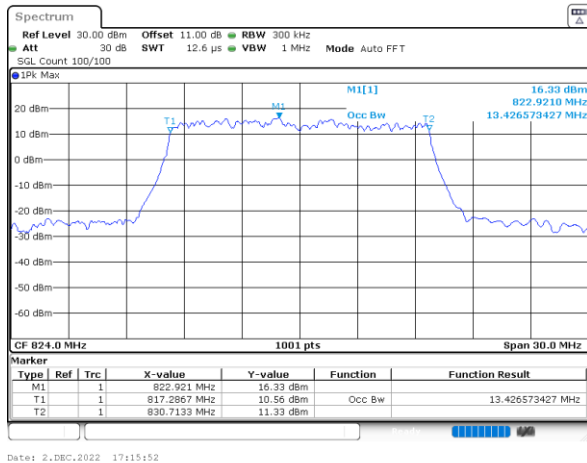
Middle Channel / 10MHz / QPSK



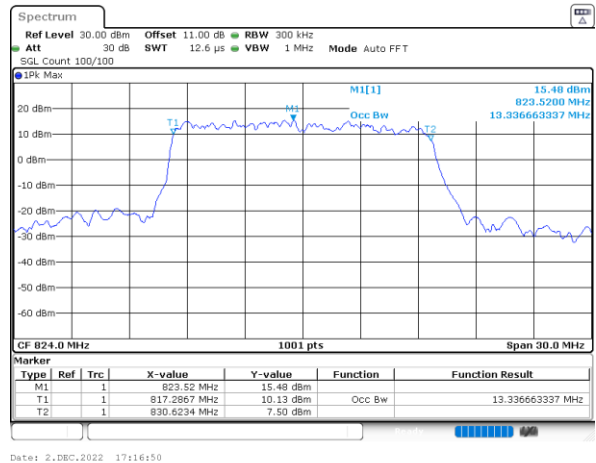
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



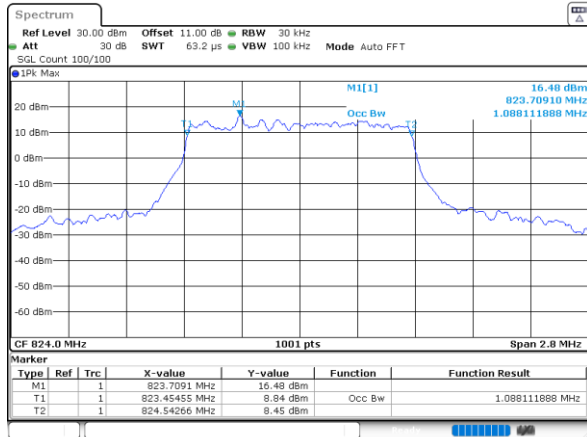
Middle Channel / 15MHz / 16QAM





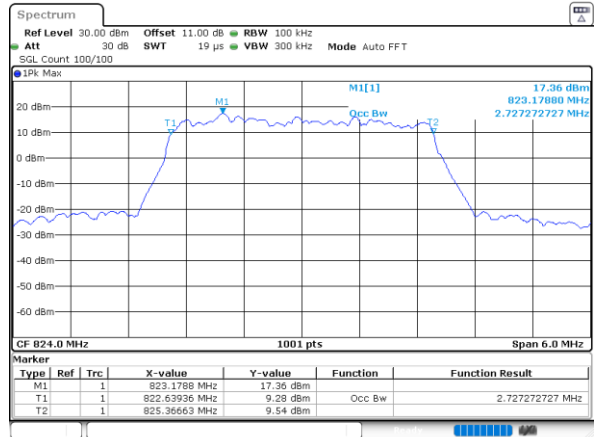
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



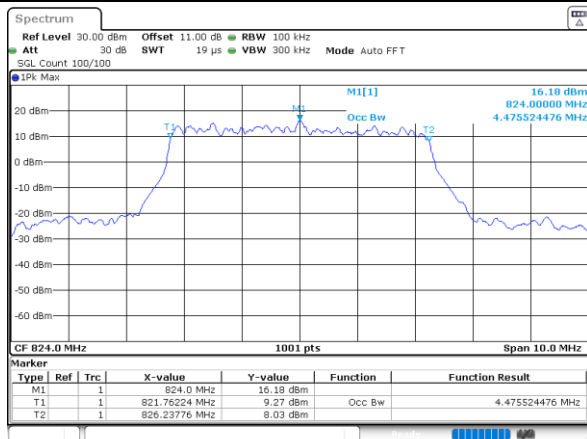
Date: 2,DEC,2022 17:05:22

Middle Channel / 3MHz / 64QAM



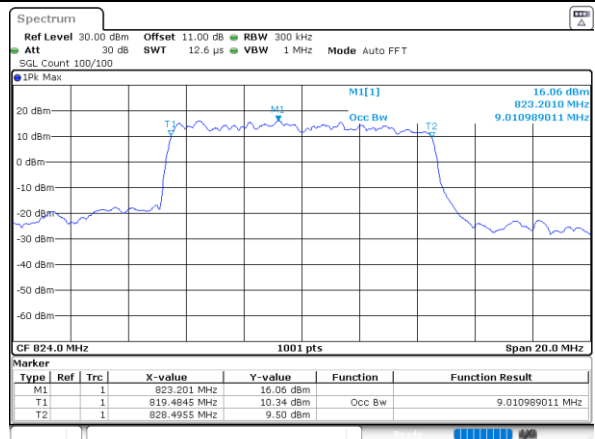
Date: 2,DEC,2022 17:08:21

Middle Channel / 5MHz / 64QAM



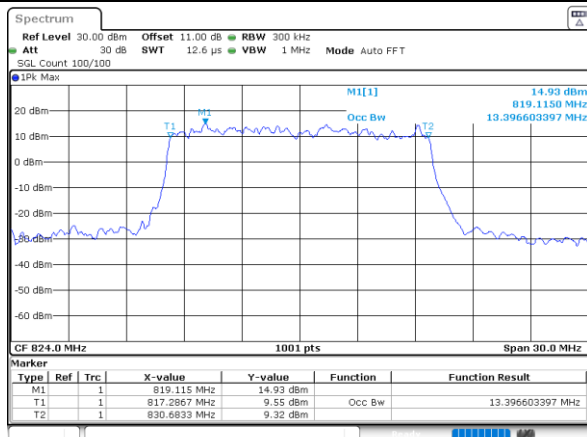
Date: 2,DEC,2022 17:11:21

Middle Channel / 10MHz / 64QAM



Date: 2,DEC,2022 17:14:50

Middle Channel / 15MHz / 64QAM



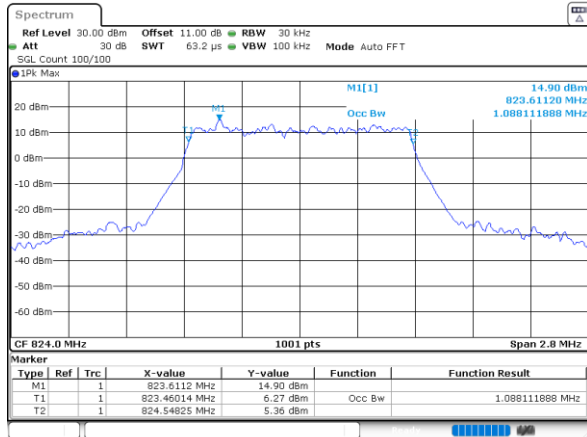
Date: 2,DEC,2022 17:17:19

N/A

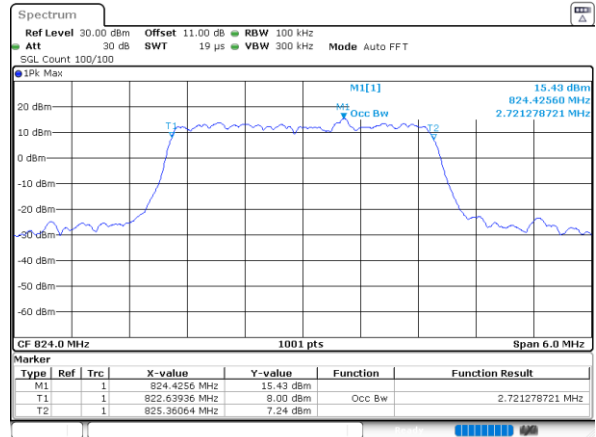


LTE Band 26

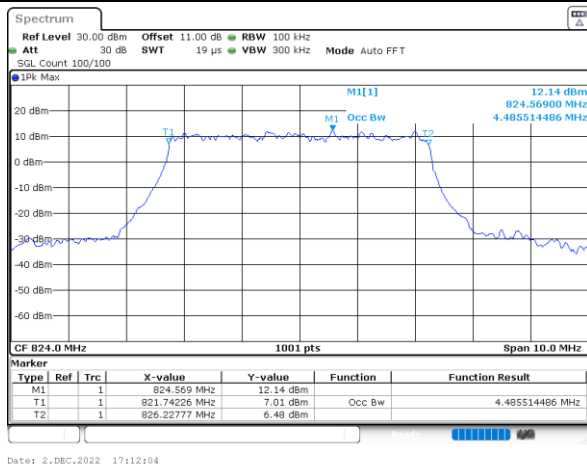
Middle Channel / 1.4MHz / 256QAM



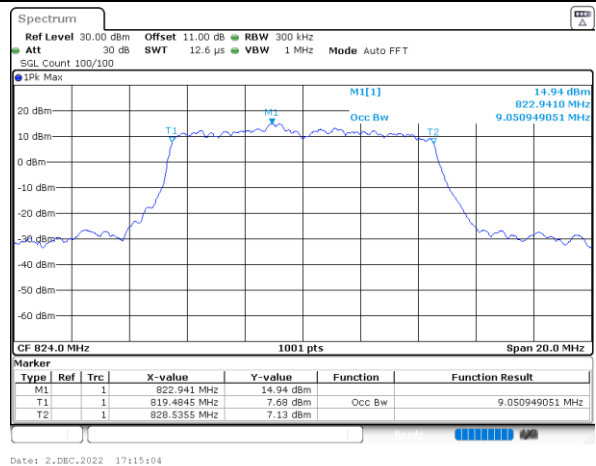
Middle Channel / 3MHz / 256QAM



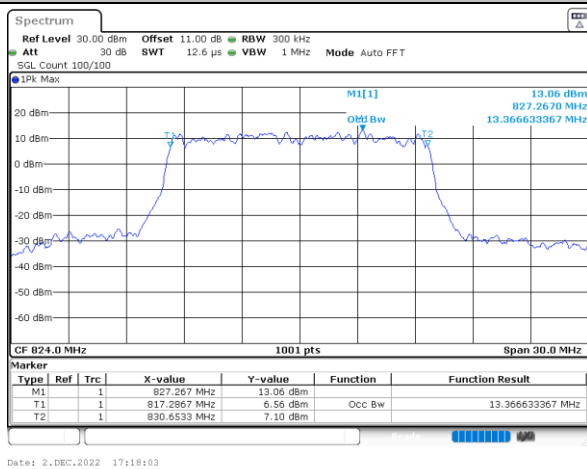
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



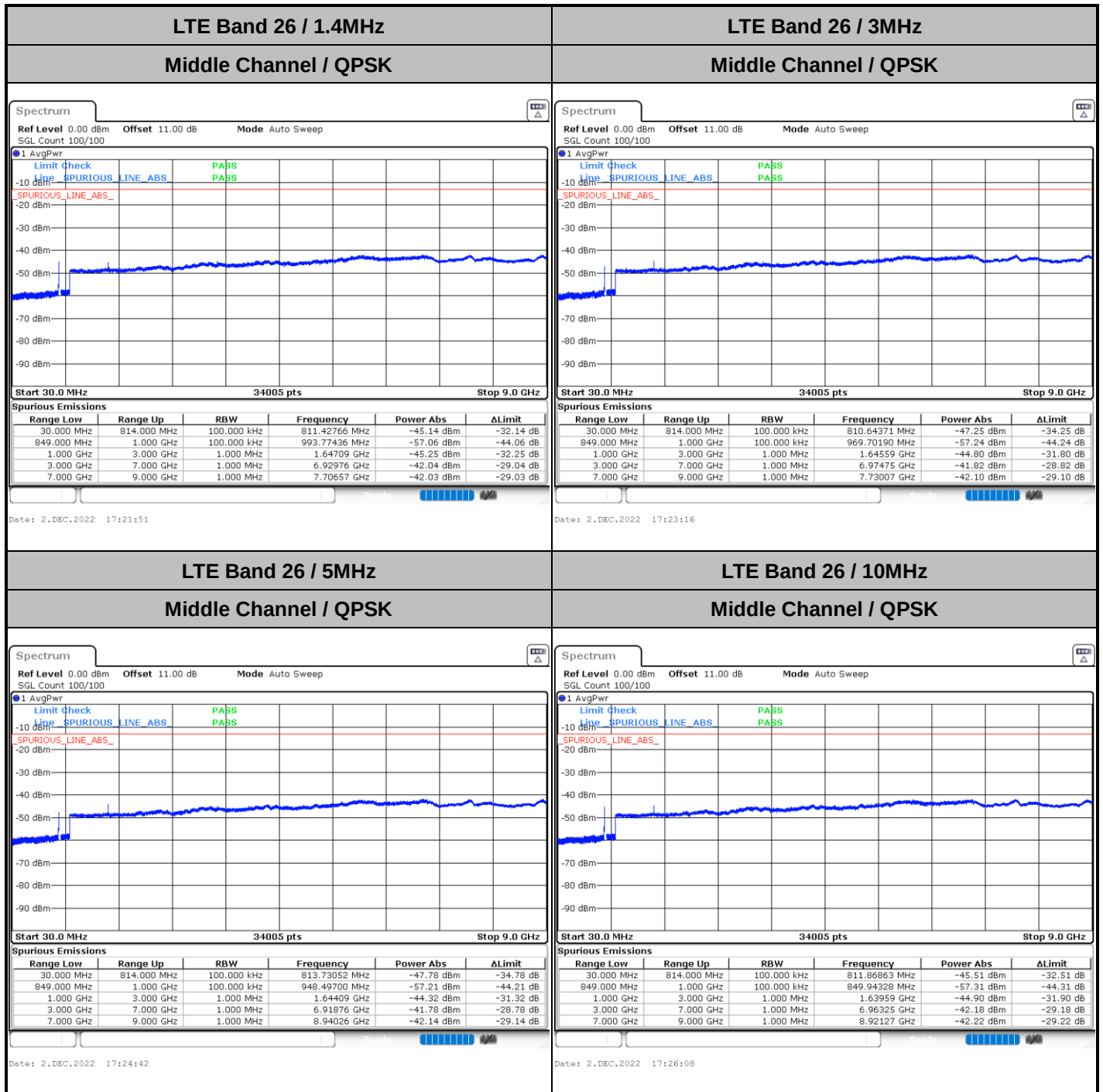
Middle Channel /15MHz / 256QAM

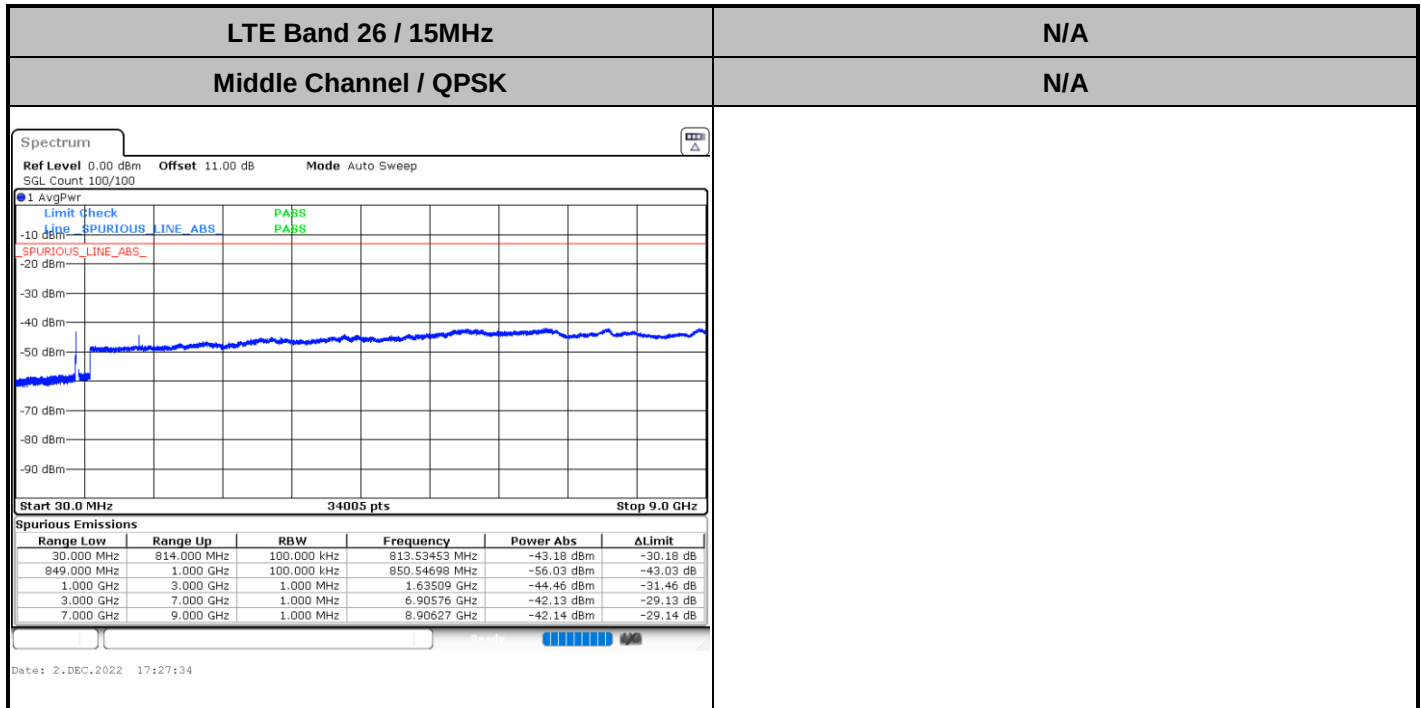


N/A



Conducted Spurious Emission





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0199	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0142	
-10	Normal Voltage	0.0058	
-20	Normal Voltage	0.0135	
-30	Normal Voltage	0.0129	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0091	

Note:

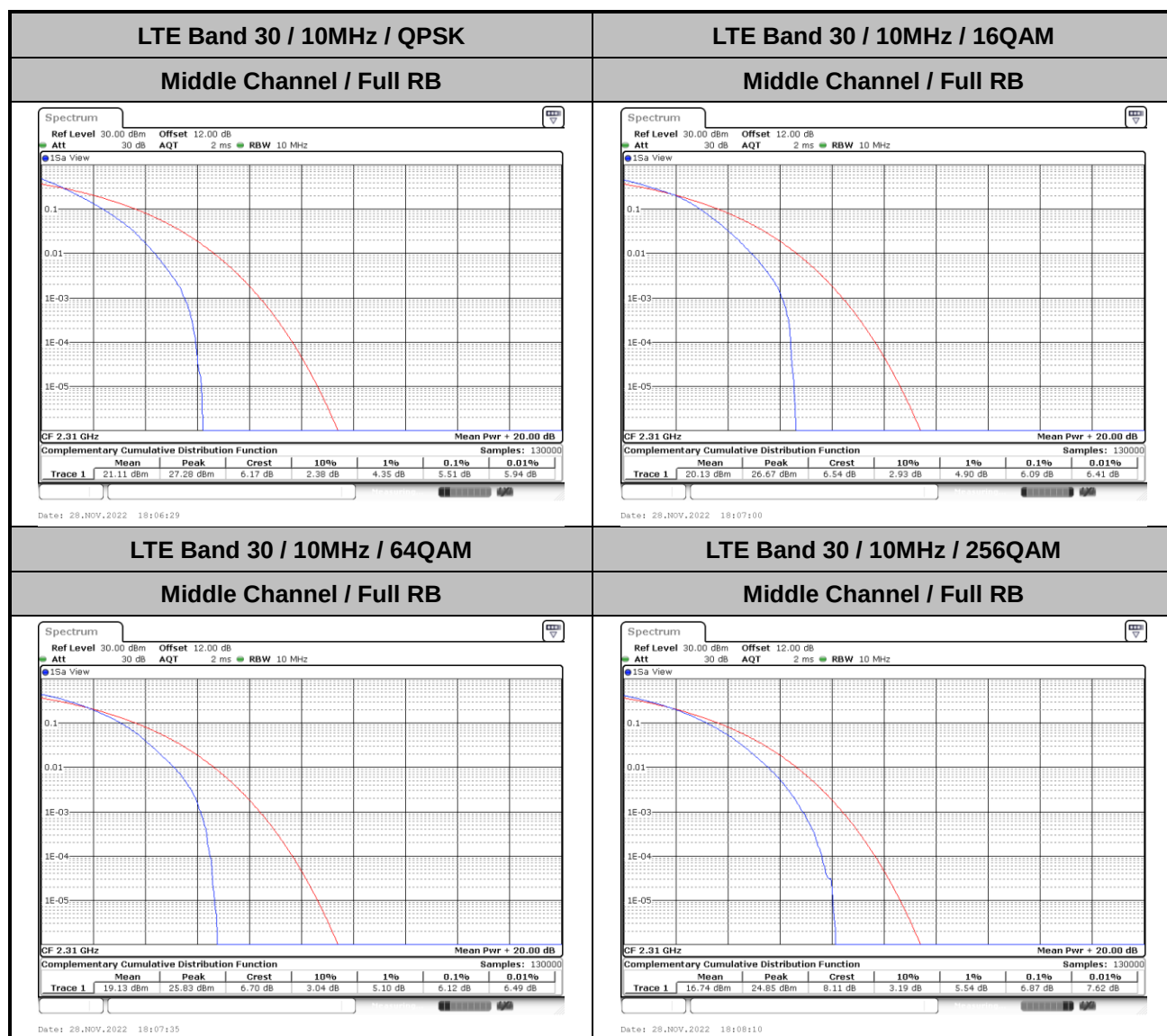
1. Normal Voltage = 3.88 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 30

Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.09	6.12	6.87	PASS



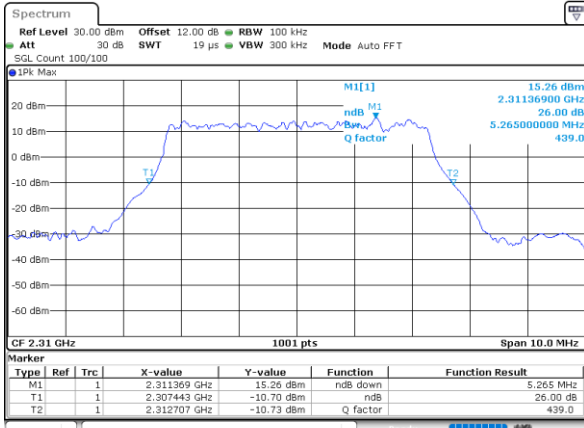
**26dB Bandwidth**

Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.27	5.36	10.01	10.27	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.14	5.23	9.87	10.33	-	-	-	-



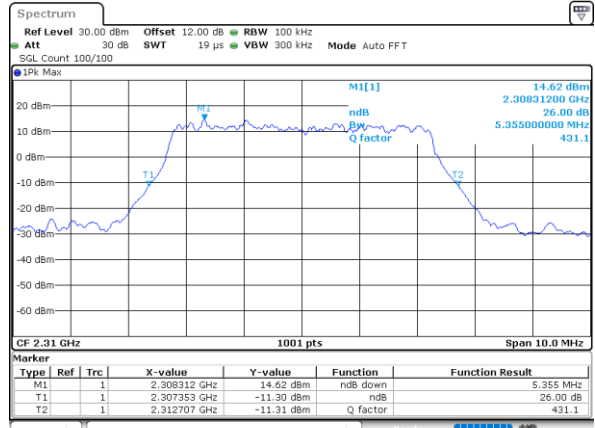
LTE Band 30

Middle Channel / 5MHz / QPSK



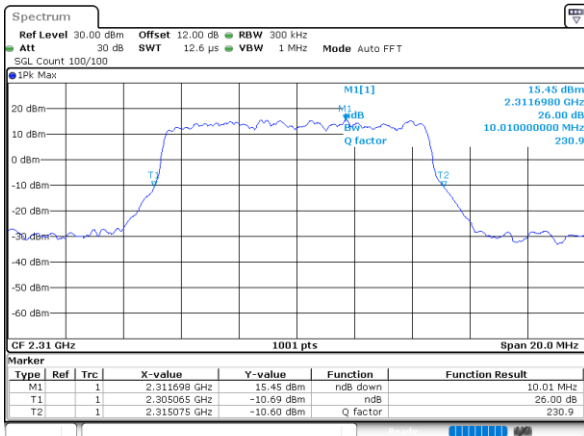
Date: 28.NOV.2022 17:51:16

Middle Channel / 5MHz / 16QAM



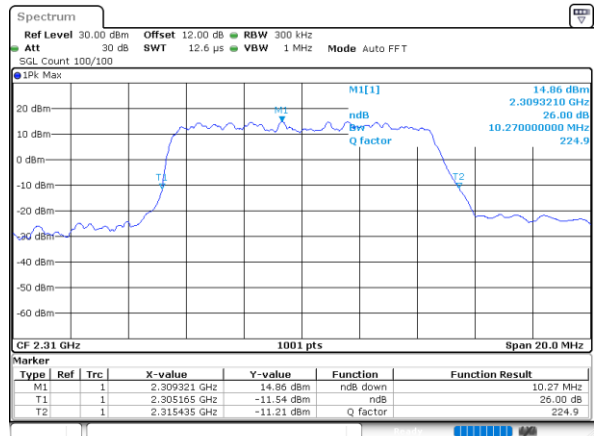
Date: 28.NOV.2022 17:55:28

Middle Channel / 10MHz / QPSK



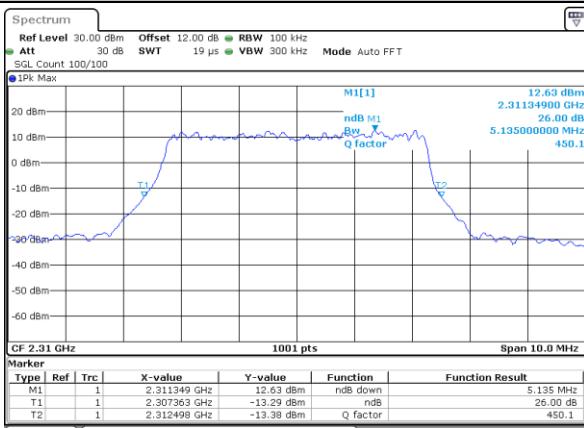
Date: 28.NOV.2022 18:08:57

Middle Channel / 10MHz / 16QAM



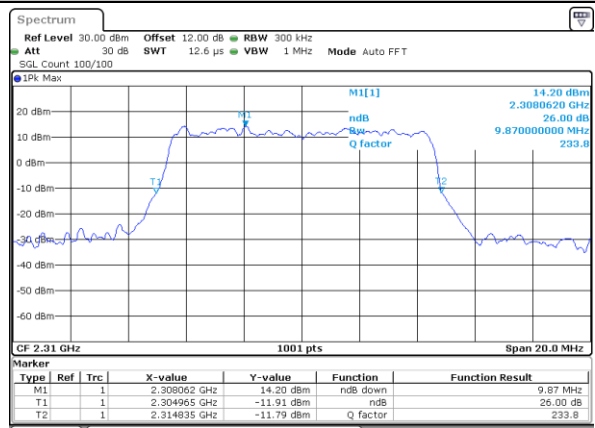
Date: 28.NOV.2022 18:03:11

Middle Channel / 5MHz / 64QAM



Date: 28.NOV.2022 17:52:14

Middle Channel / 10MHz / 64QAM

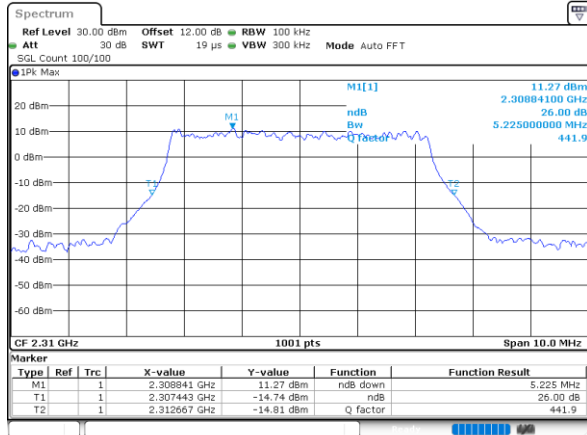


Date: 28.NOV.2022 18:03:40



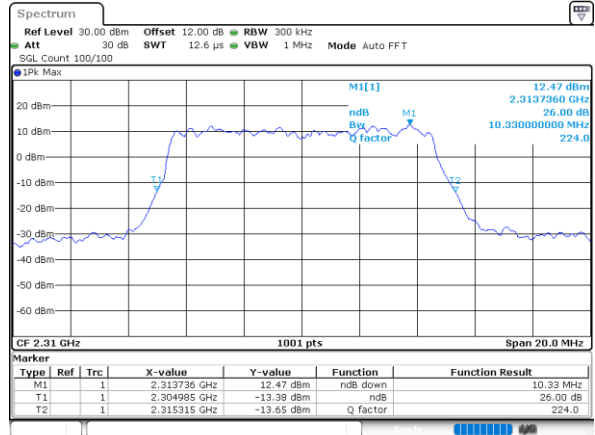
LTE Band 30

Middle Channel / 5MHz / 256QAM



Date: 28,NOV,2022 17:52:42

Middle Channel / 10MHz / 256QAM



Date: 28,NOV,2022 18:05:59

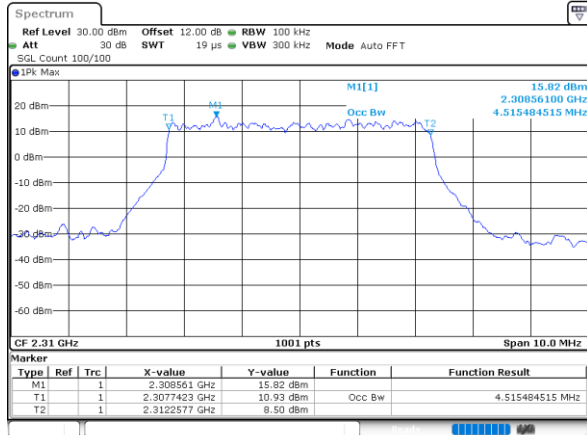
**Occupied Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.52	4.52	9.09	9.07	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.54	4.53	9.09	9.11	-	-	-	-

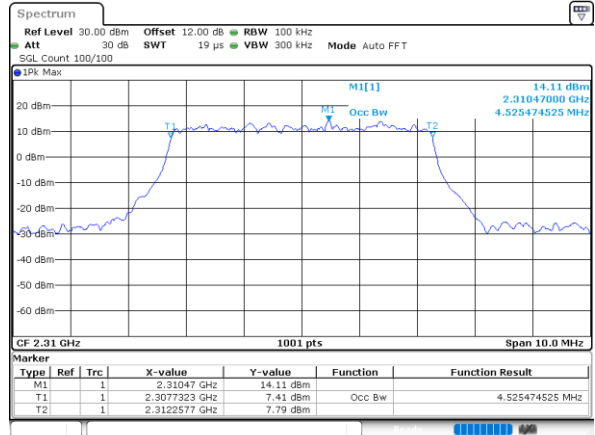


LTE Band 30

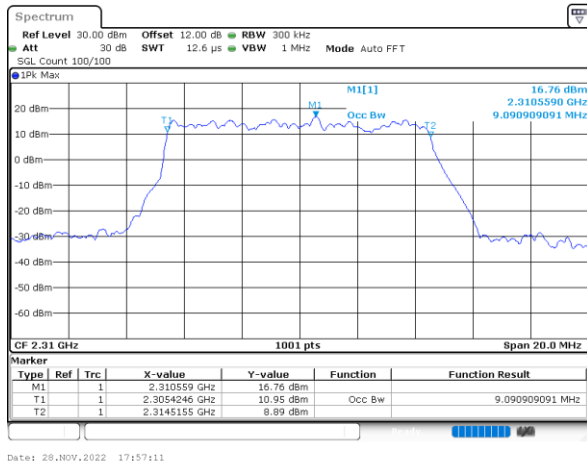
Middle Channel / 5MHz / QPSK



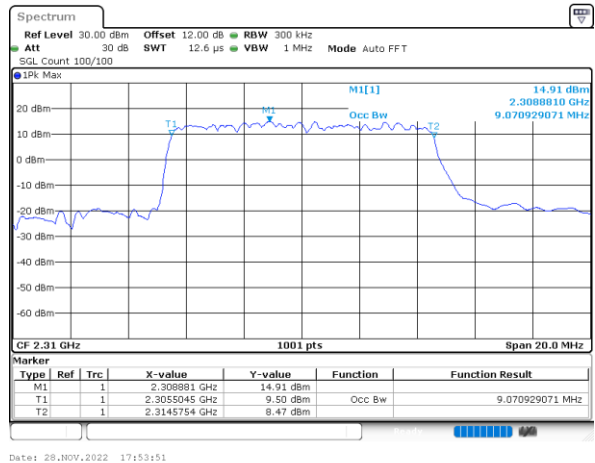
Middle Channel / 5MHz / 16QAM



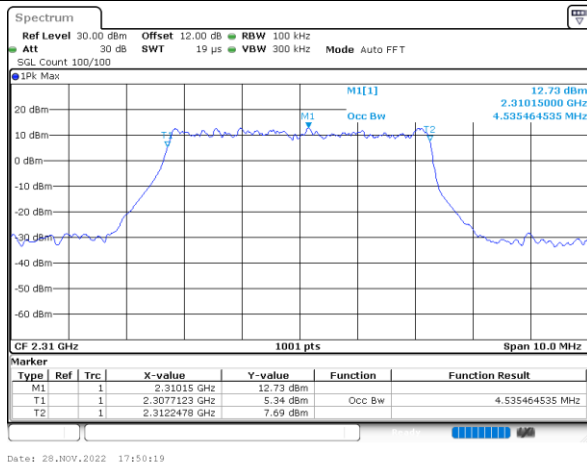
Middle Channel / 10MHz / QPSK



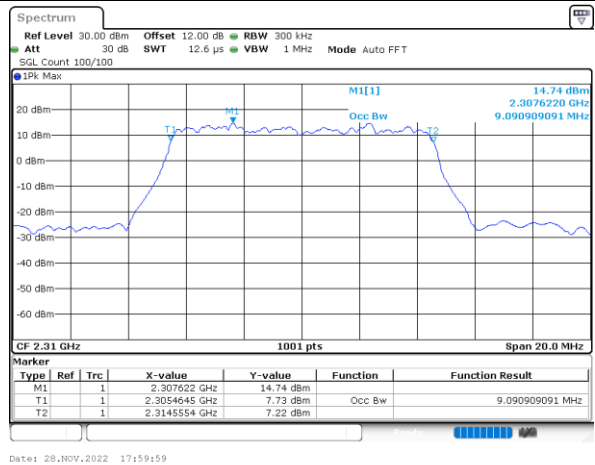
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



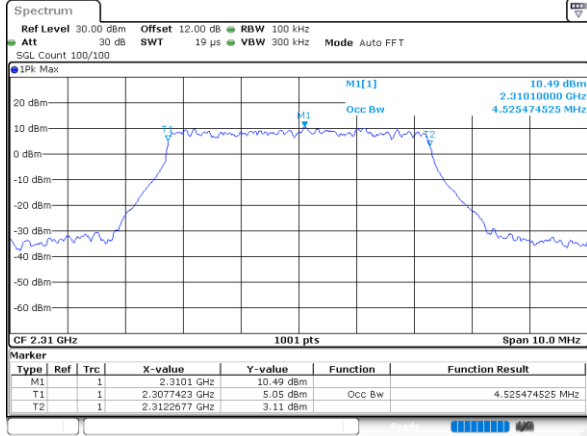
Middle Channel / 10MHz / 64QAM





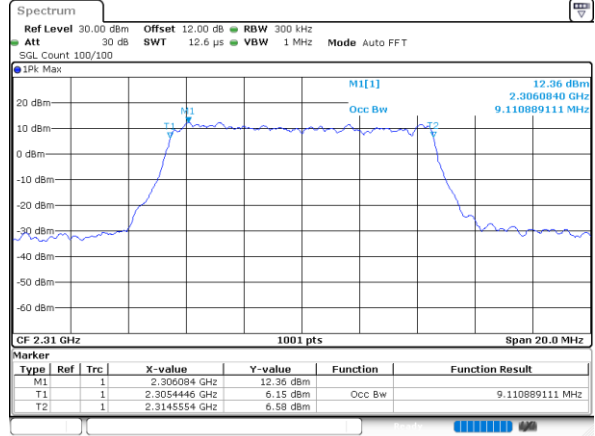
LTE Band 30

Middle Channel / 5MHz / 256QAM



Date: 28,NOV,2022 17:54:31

Middle Channel / 10MHz / 256QAM



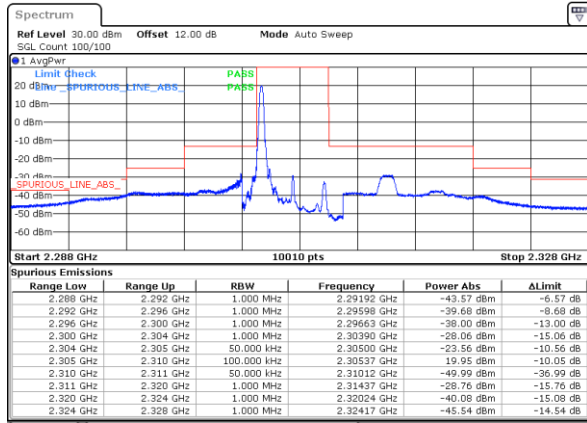
Date: 28,NOV,2022 18:00:28



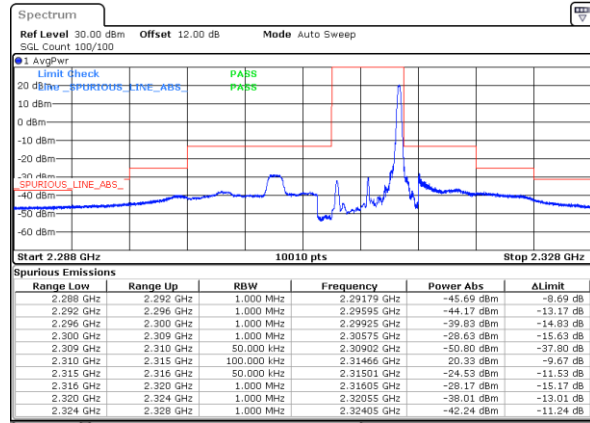
Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

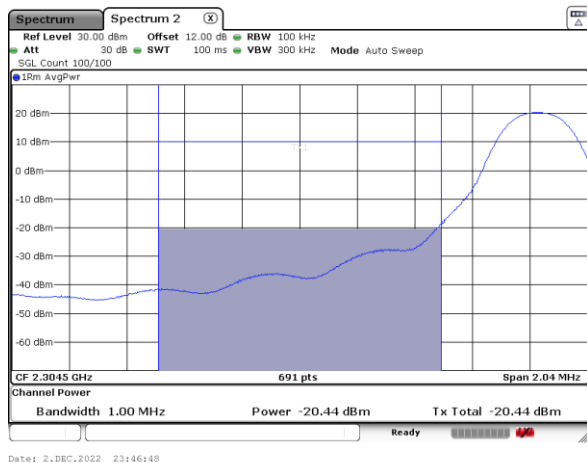
Lowest Band Edge / 1 RB



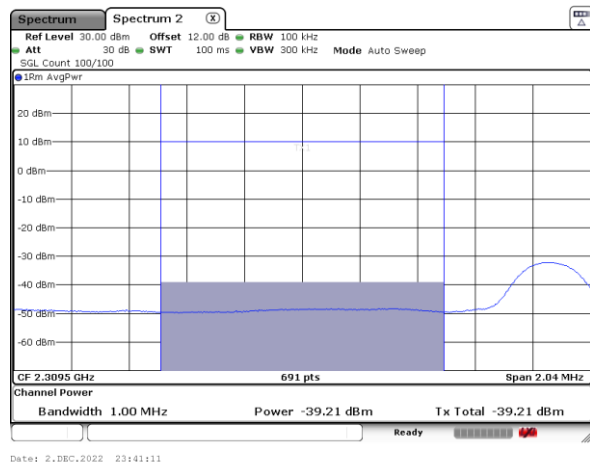
Highest Band Edge / 1 RB



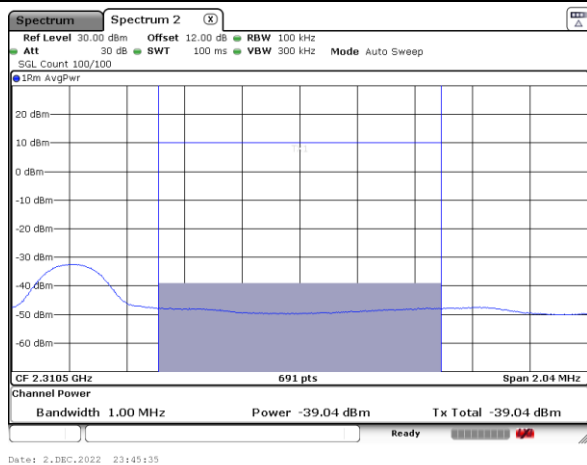
Lowest Band Edge / 1 RB / Lower zoom in



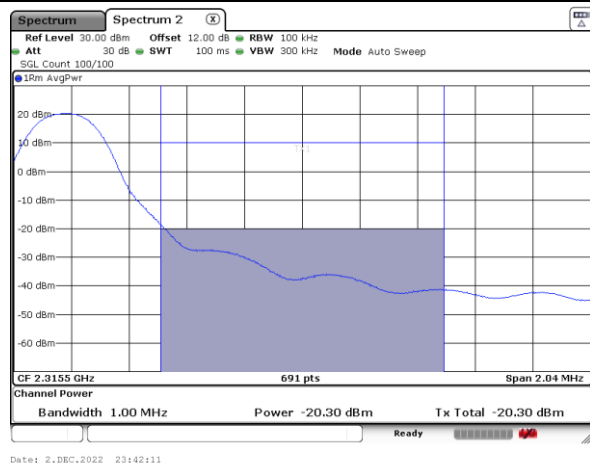
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



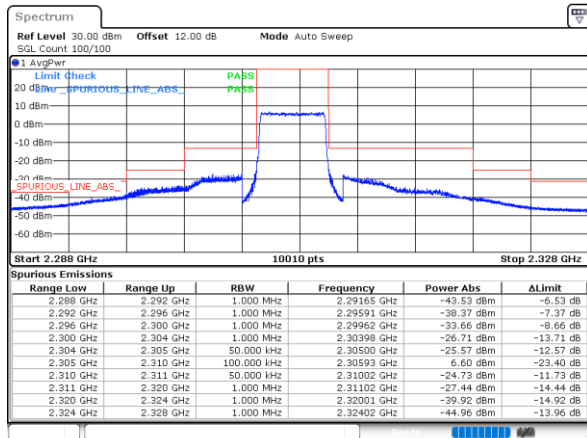
Highest Band Edge / 1 RB / Upper zoom in



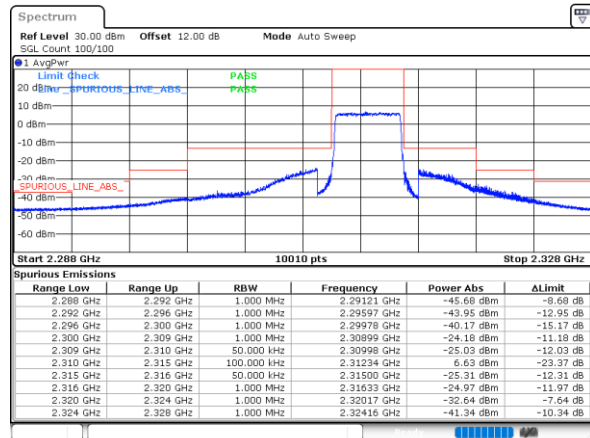


LTE Band 30 / 5MHz / QPSK

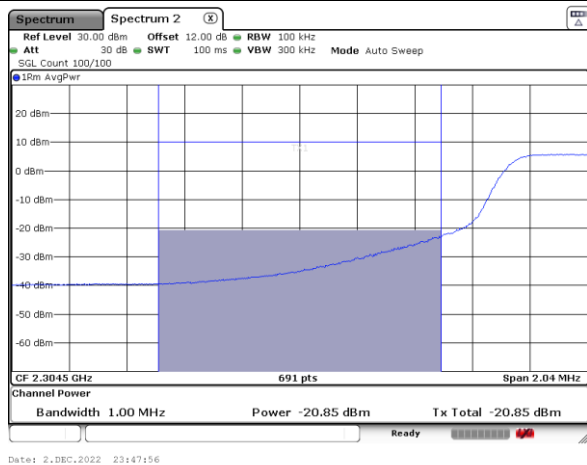
Lowest Band Edge / Full RB



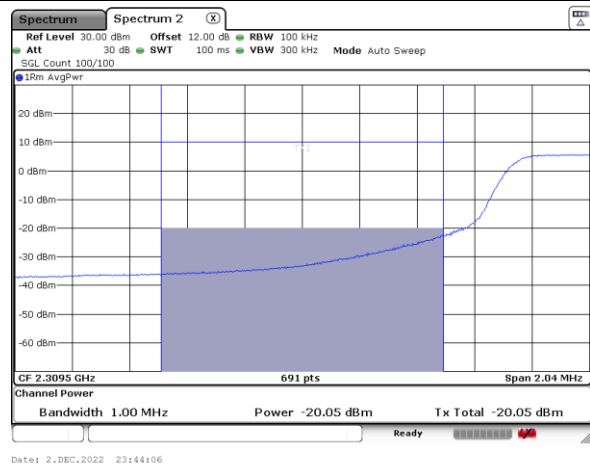
Highest Band Edge / Full RB



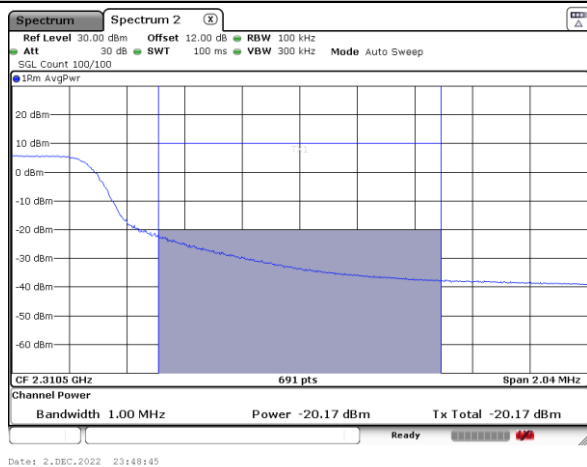
Lowest Band Edge / Full RB / Lower zoom in



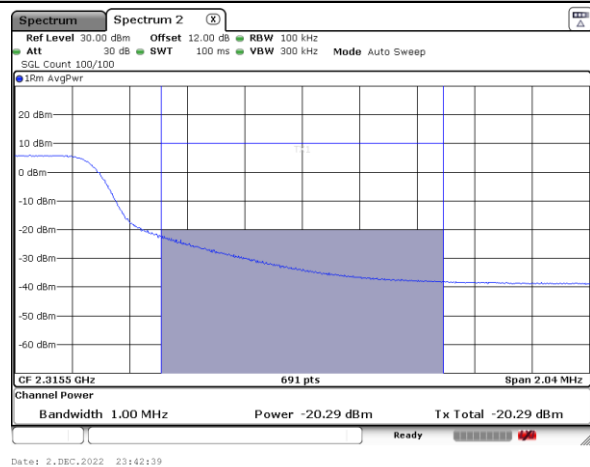
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



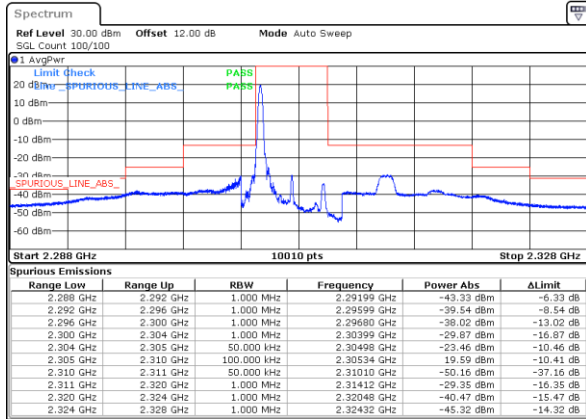
Highest Band Edge / Full RB / Upper zoom in



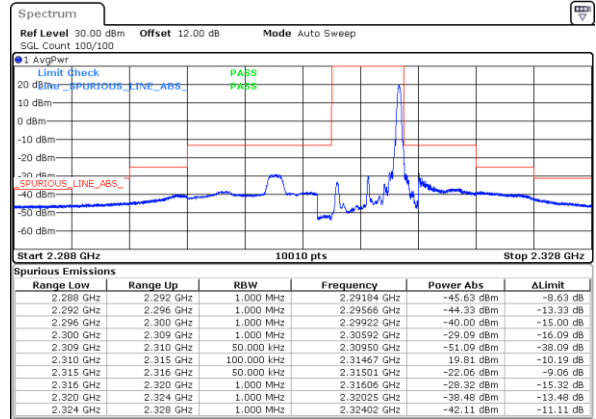


LTE Band 30 / 5MHz / 16QAM

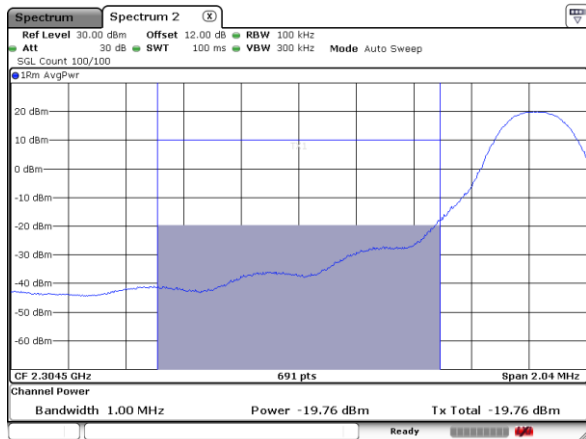
Lowest Band Edge / 1 RB



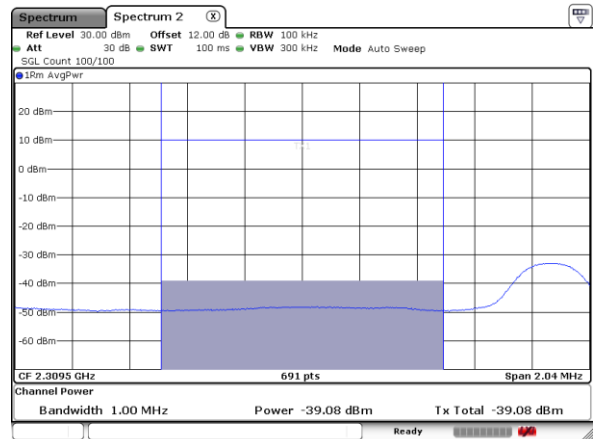
Highest Band Edge / 1 RB



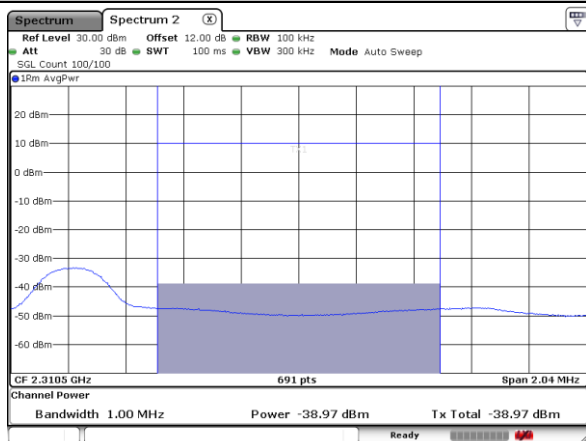
Lowest Band Edge / 1 RB / Lower zoom in



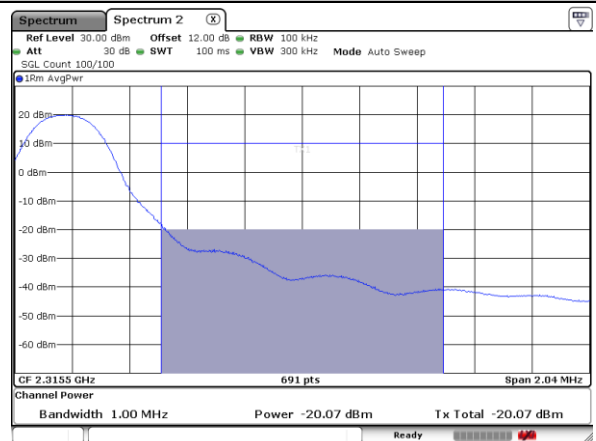
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



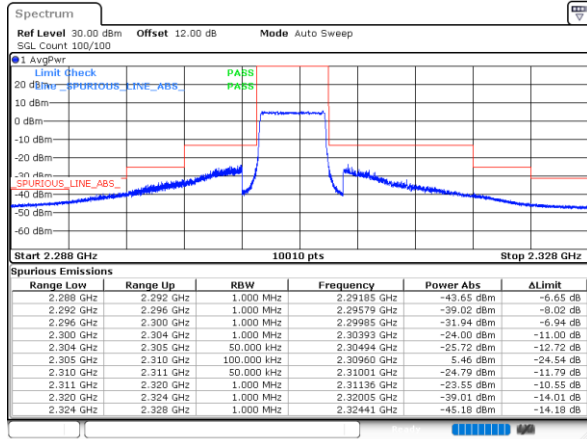
Highest Band Edge / 1 RB / Upper zoom in



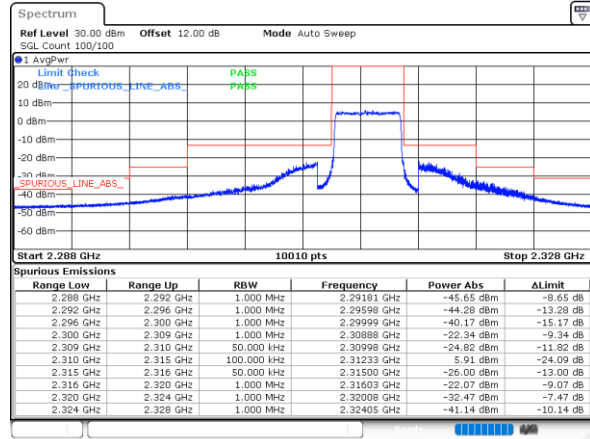


LTE Band 30 / 5MHz / 16QAM

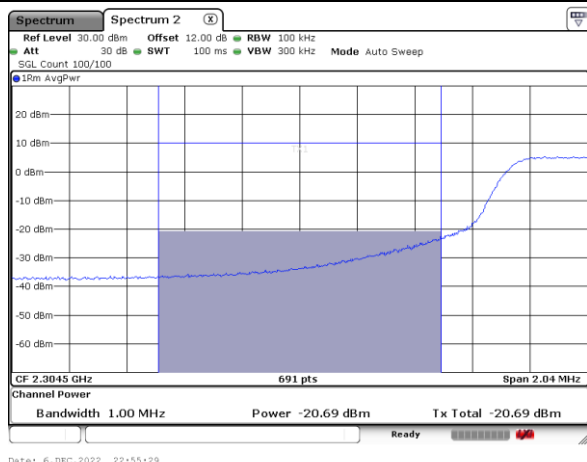
Lowest Band Edge / Full RB



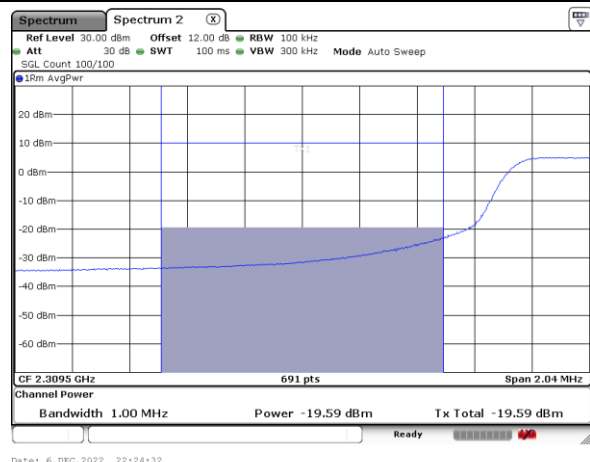
Highest Band Edge / Full RB



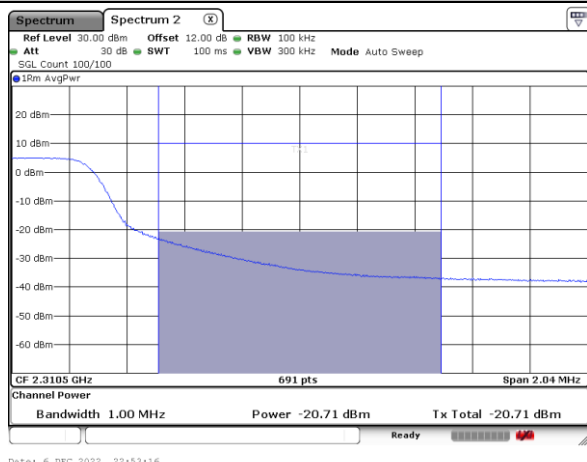
Lowest Band Edge / Full RB / Lower zoom in



Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



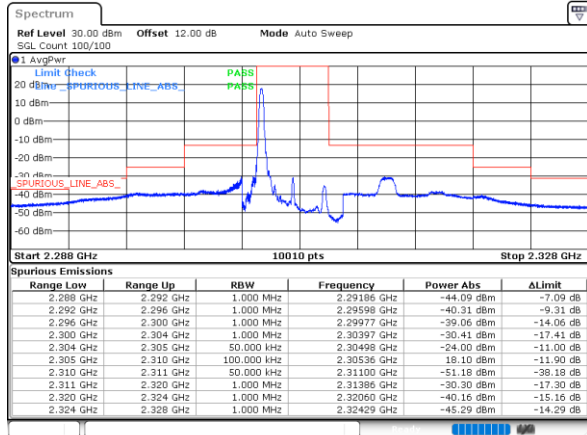
Highest Band Edge / Full RB / Upper zoom in



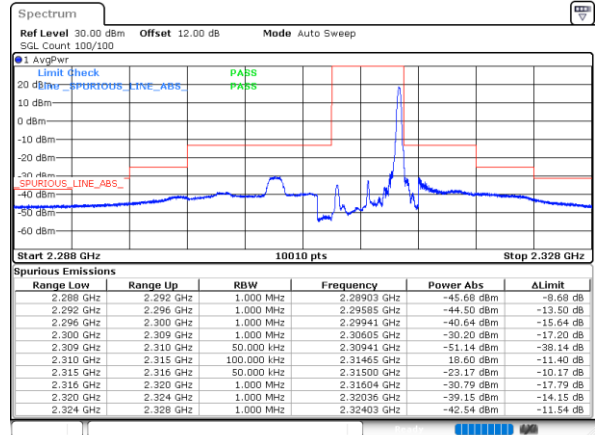


LTE Band 30 / 5MHz / 64QAM

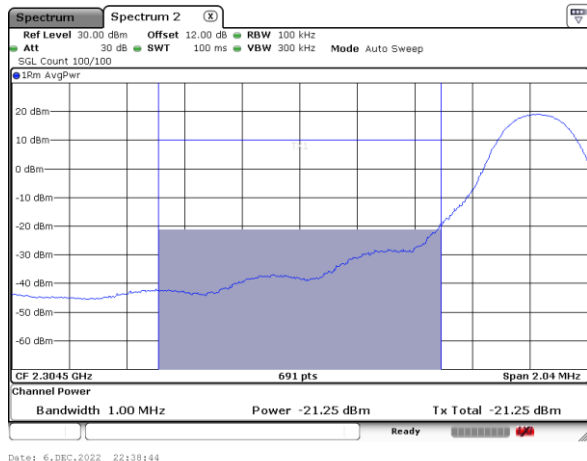
Lowest Band Edge / 1 RB



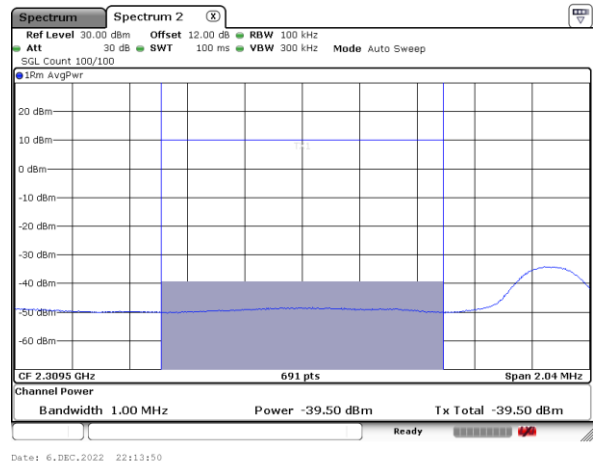
Highest Band Edge / 1 RB



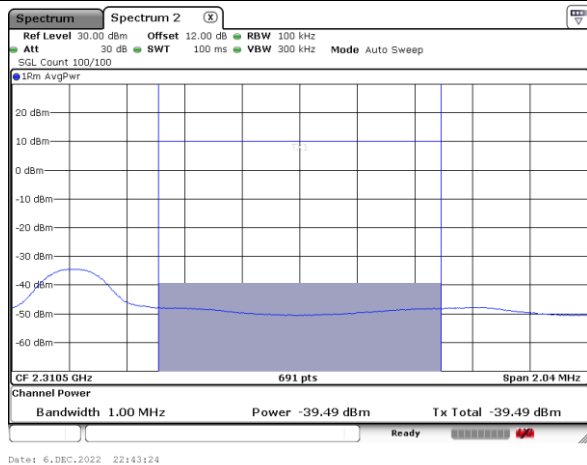
Lowest Band Edge / 1 RB / Lower zoom in



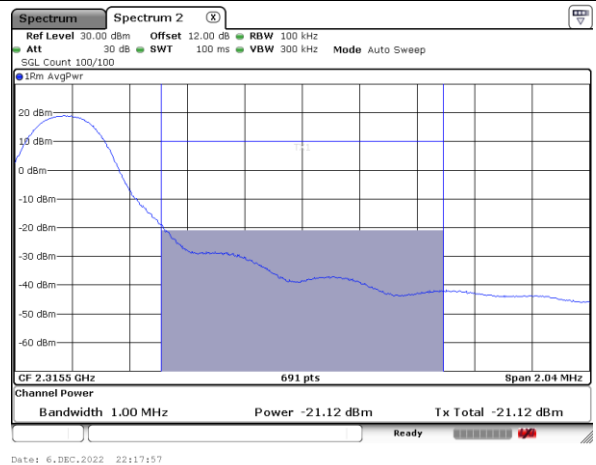
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



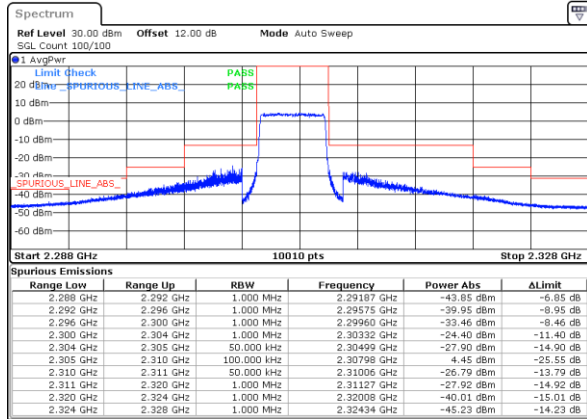
Highest Band Edge / 1 RB / Upper zoom in



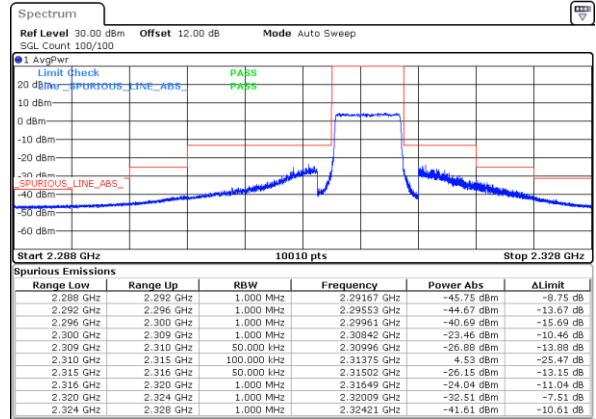


LTE Band 30 / 5MHz / 64QAM

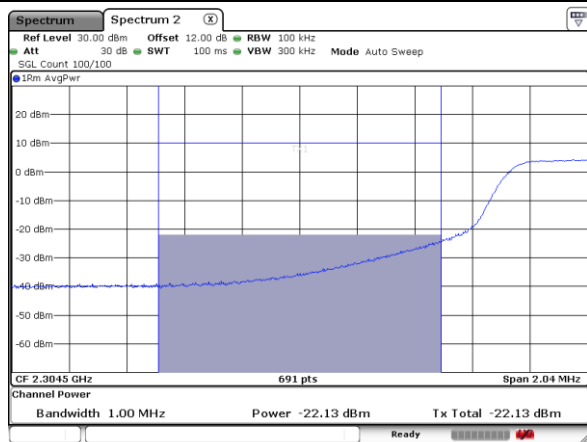
Lowest Band Edge / Full RB



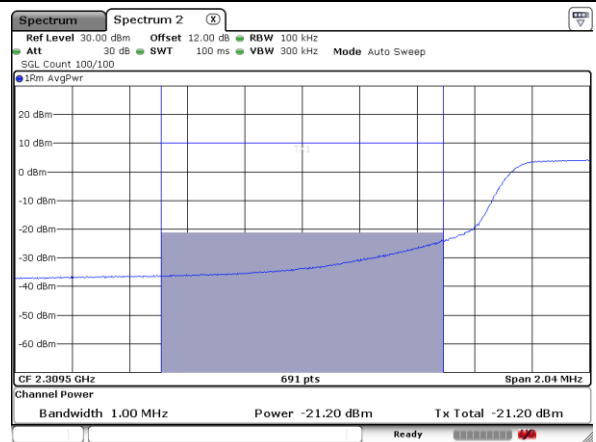
Highest Band Edge / Full RB



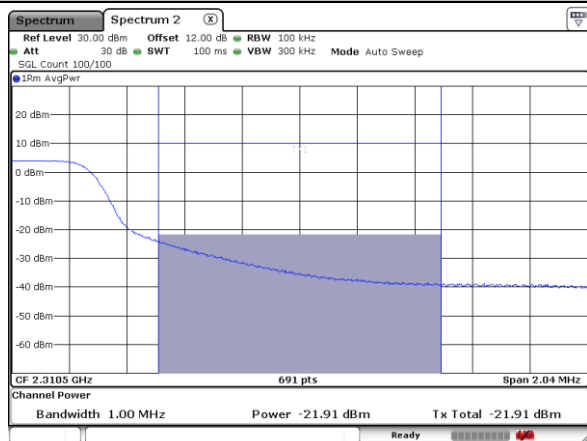
Lowest Band Edge / Full RB / Lower zoom in



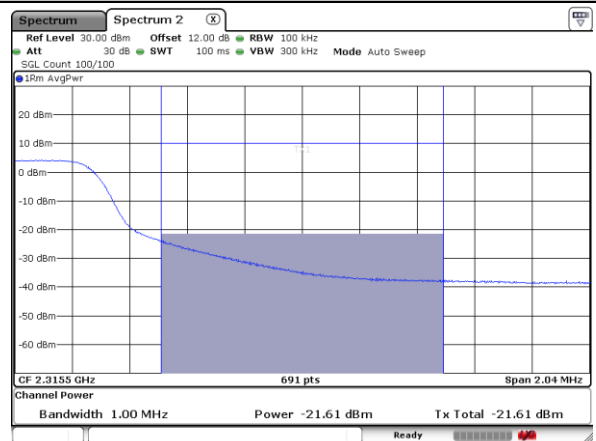
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



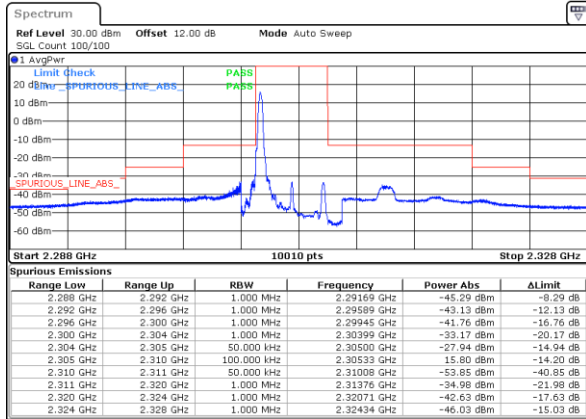
Highest Band Edge / Full RB / Upper zoom in



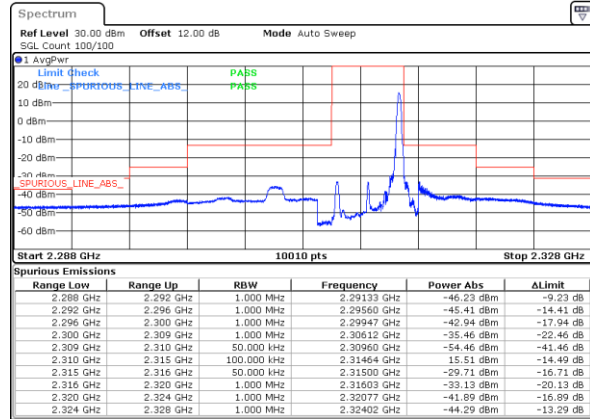


LTE Band 30 / 5MHz / 256QAM

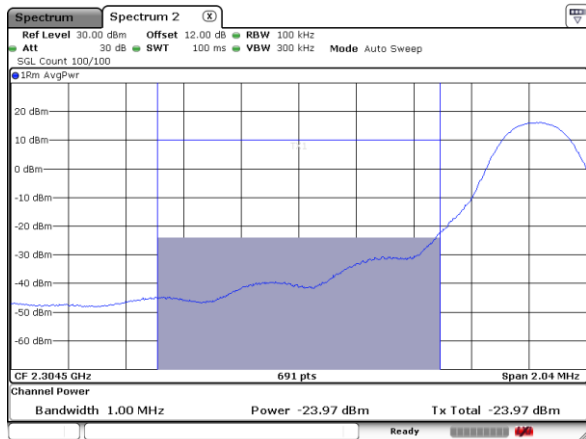
Lowest Band Edge / 1 RB



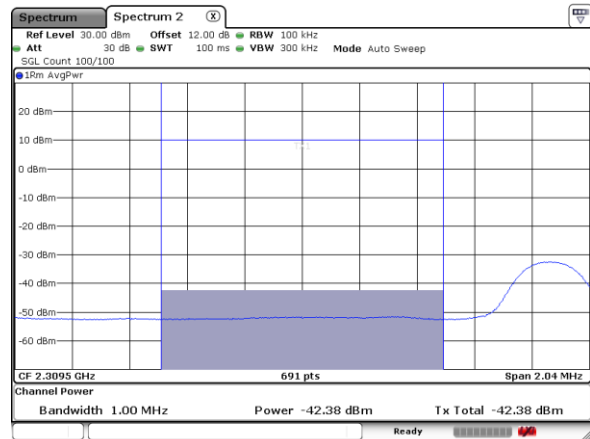
Highest Band Edge / 1 RB



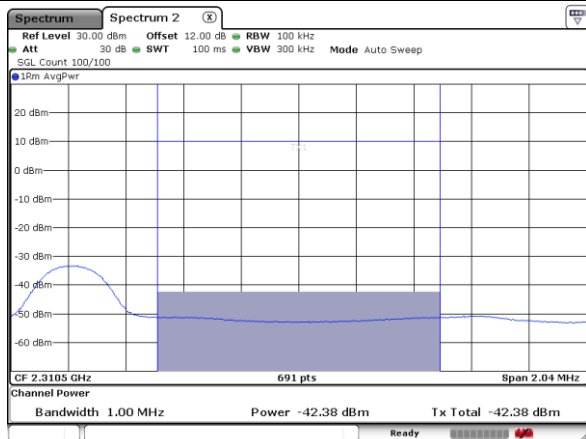
Lowest Band Edge / 1 RB / Lower zoom in



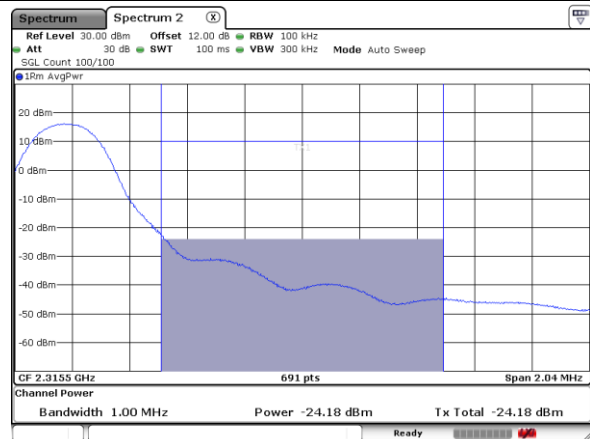
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



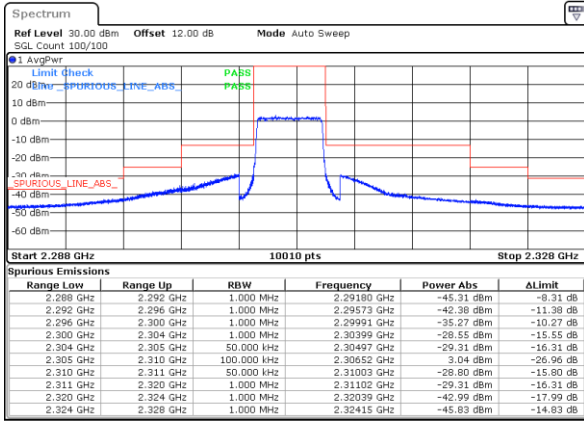
Highest Band Edge / 1 RB / Upper zoom in



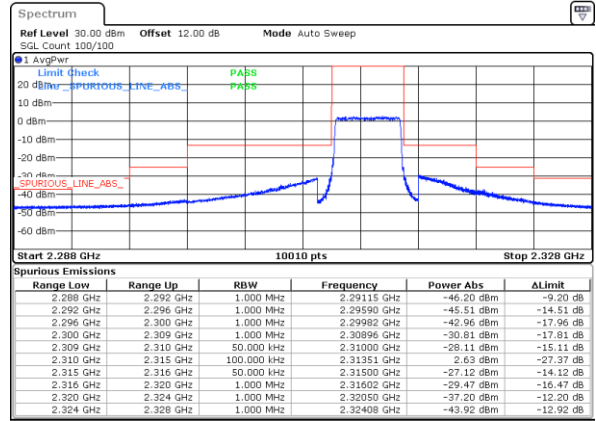


LTE Band 30 / 5MHz / 256QAM

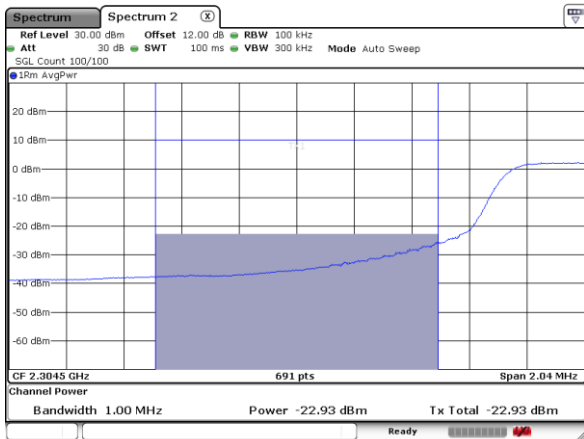
Lowest Band Edge / Full RB



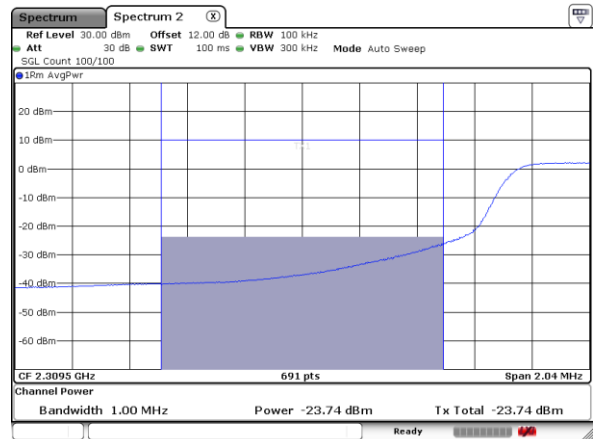
Highest Band Edge / Full RB



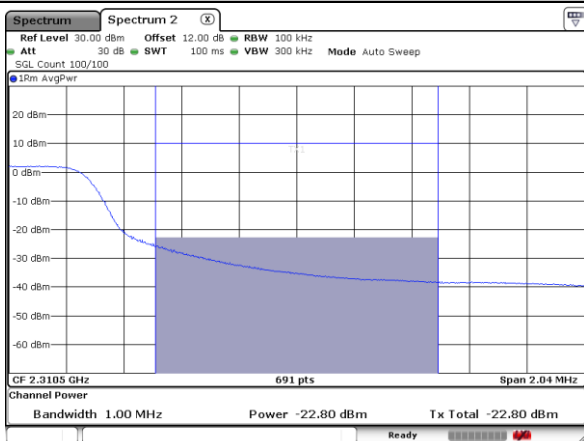
Lowest Band Edge / Full RB / Lower zoom in



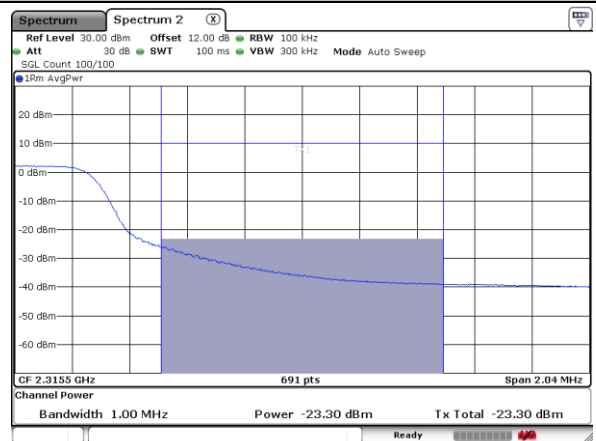
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



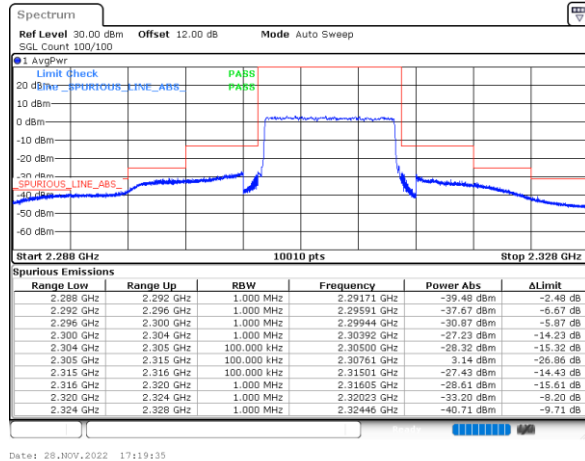
Highest Band Edge / Full RB / Upper zoom in



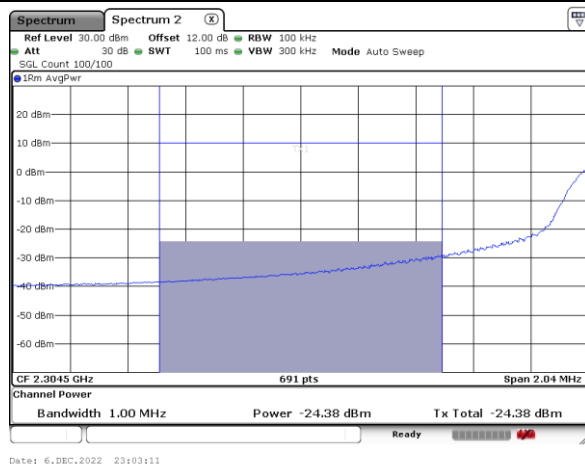


LTE Band 30 / 10MHz / QPSK

Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



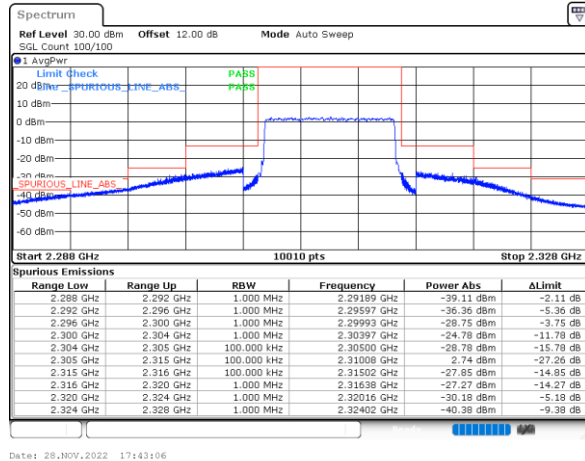
Middle Band Edge / Full RB / Upper zoom in



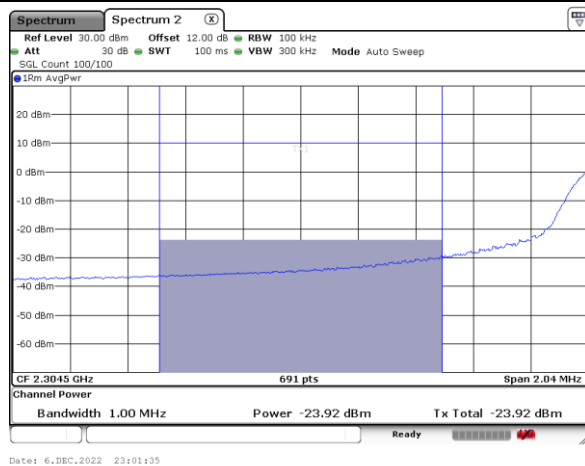


LTE Band 30 / 10MHz / 16QAM

Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



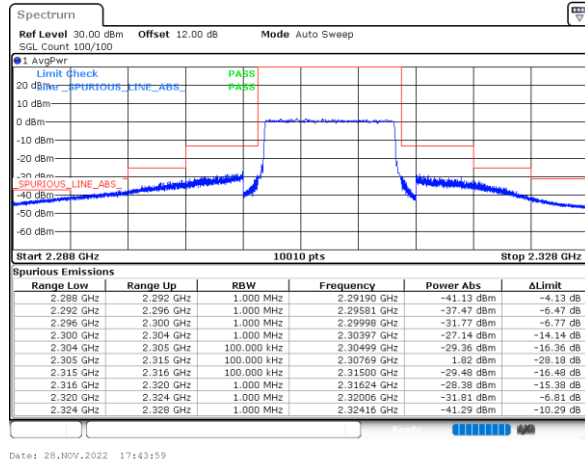
Middle Band Edge / Full RB / Upper zoom in



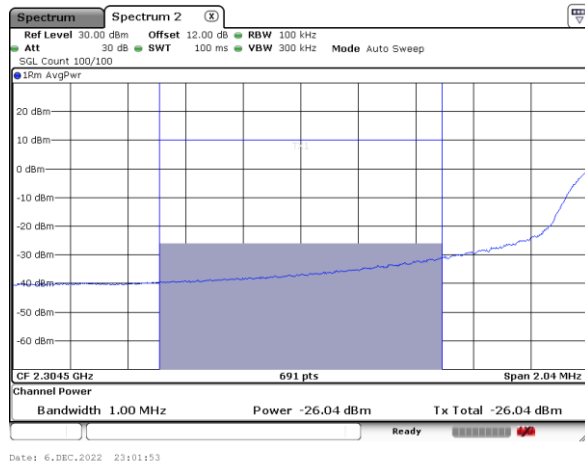


LTE Band 30 / 10MHz / 64QAM

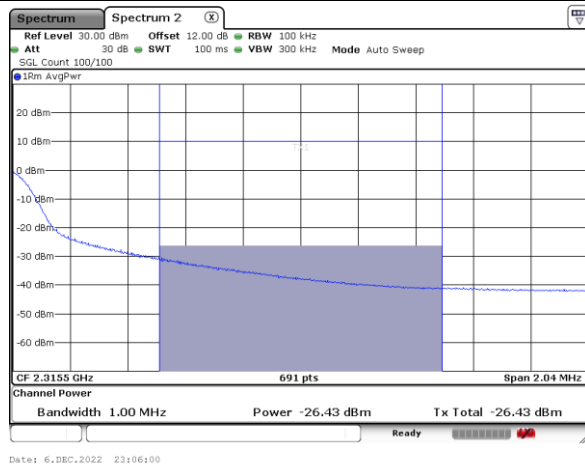
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



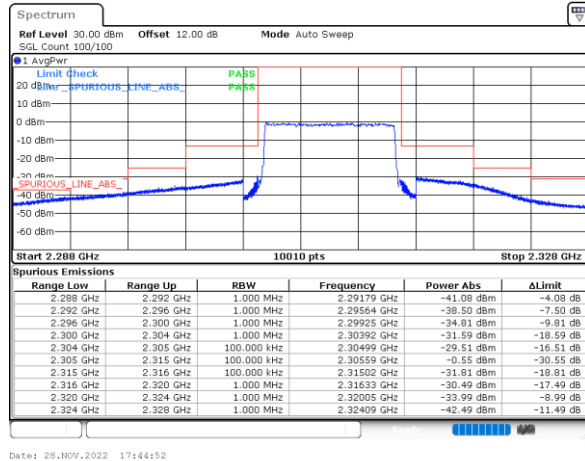
Middle Band Edge / Full RB / Upper zoom in



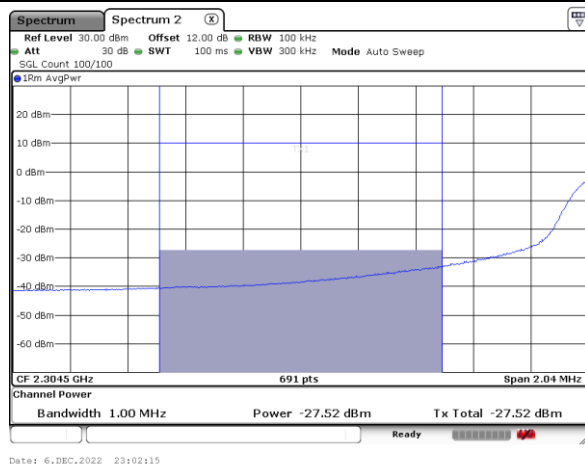


LTE Band 30 / 10MHz / 256QAM

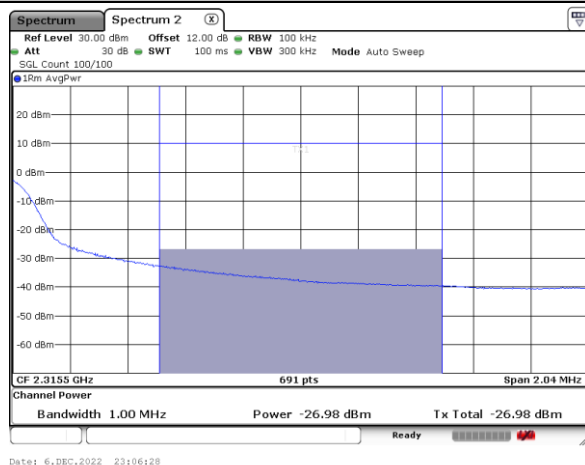
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

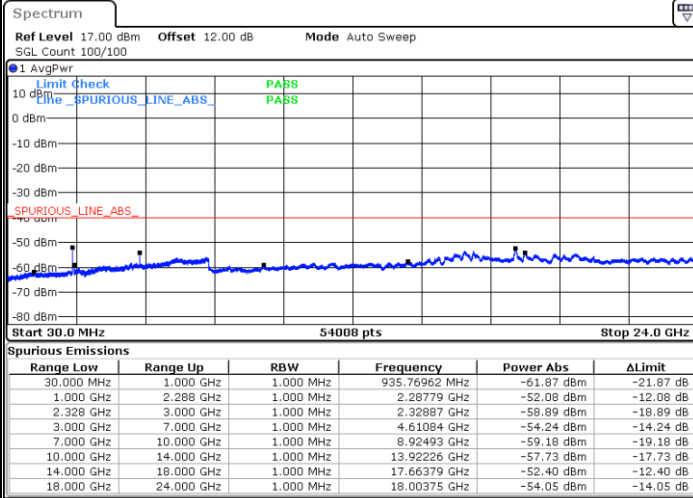




Conducted Spurious Emission

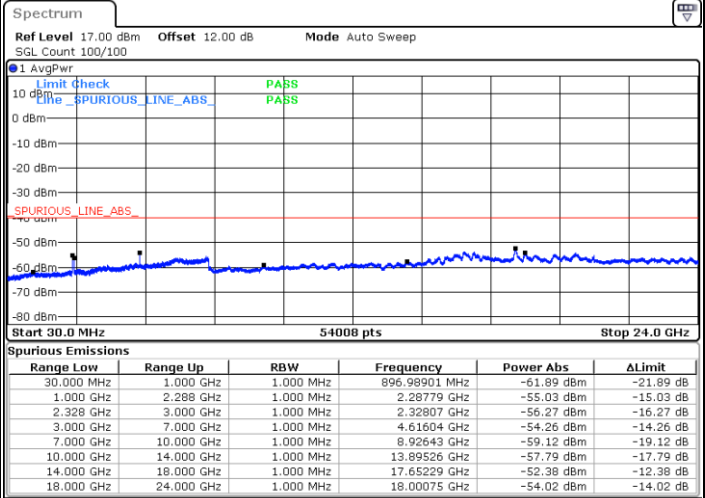
LTE Band 30 / 5MHz

Lowest Channel / QPSK



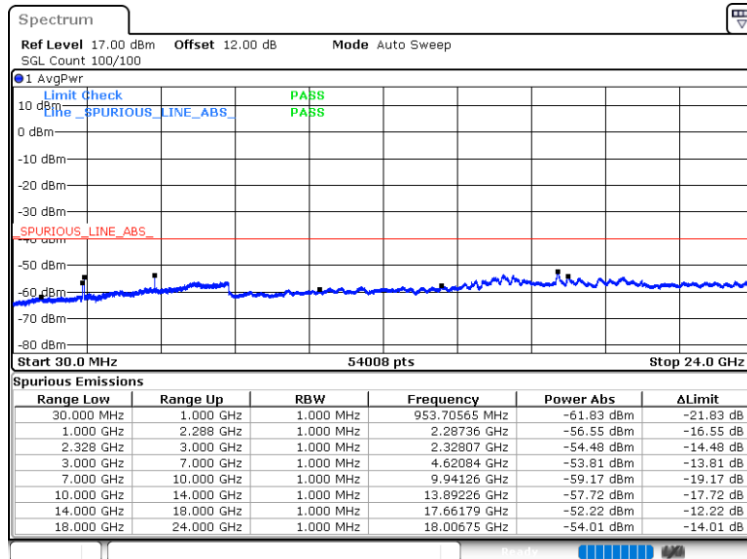
Date: 28.NOV.2022 17:23:42

Middle Channel / QPSK



Date: 28.NOV.2022 17:25:17

Highest Channel / QPSK



Date: 28.NOV.2022 17:48:51