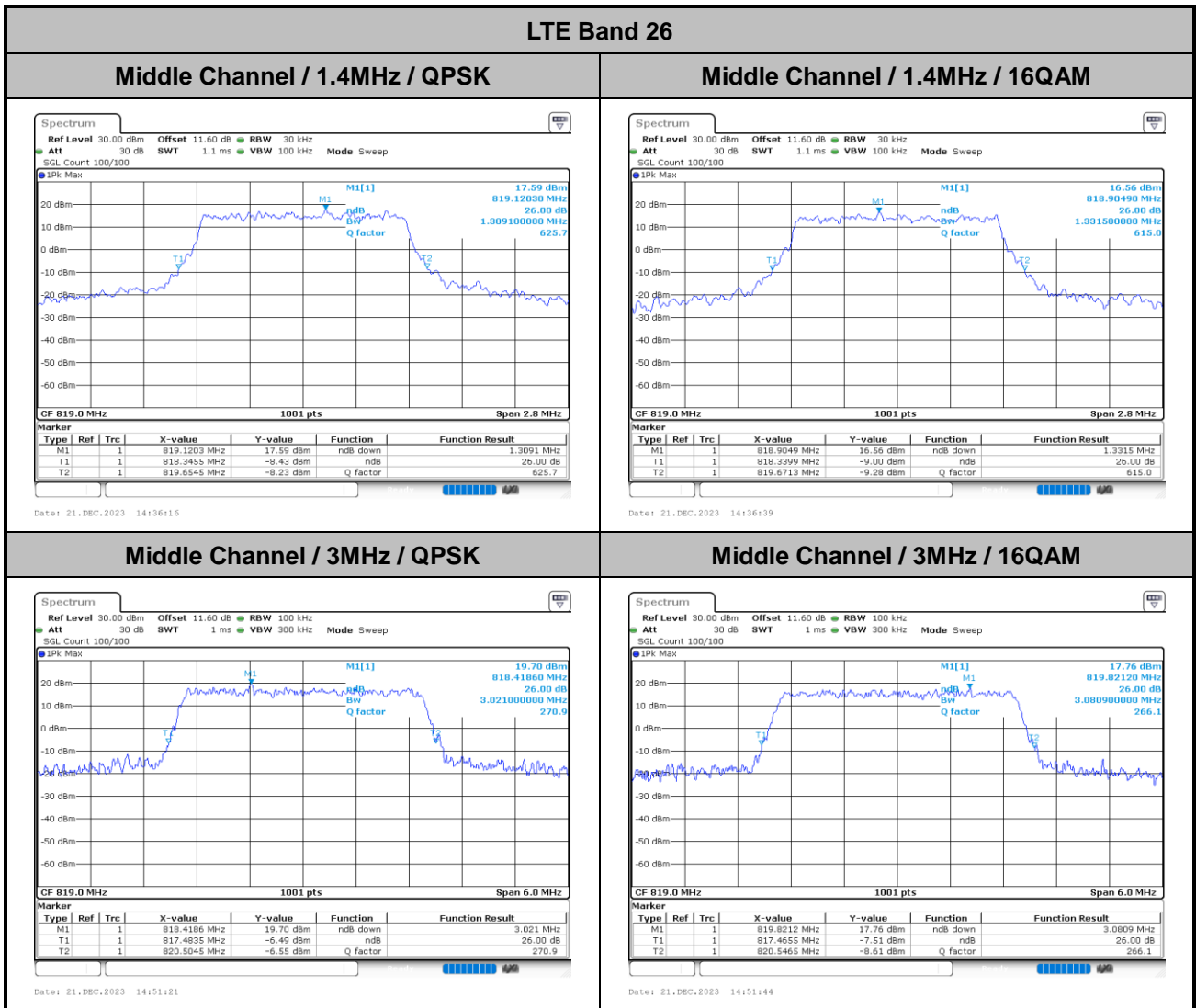




26dB Bandwidth

Mode		LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz	3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Low CH	-	-	-	-	-	-	-	-	14.59	14.41	-	-	
Middle CH	1.30	1.33	3.02	3.08	4.97	4.90	9.89	9.76	-	-	-	-	

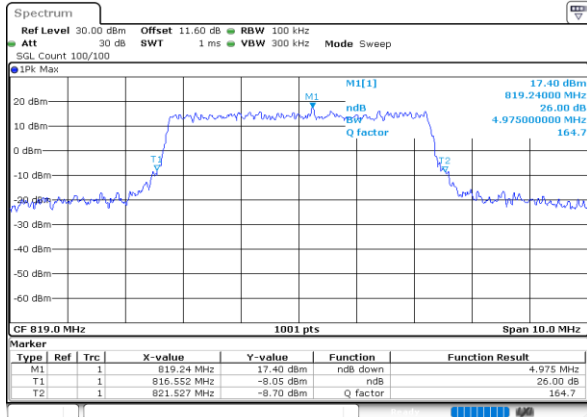
Mode		LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz	3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	
Low CH	-	-	-	-	-	-	-	-	14.35	14.56	-	-	
Middle CH	1.33	1.35	3.06	3.08	4.87	4.92	9.91	9.97	-	-	-	-	





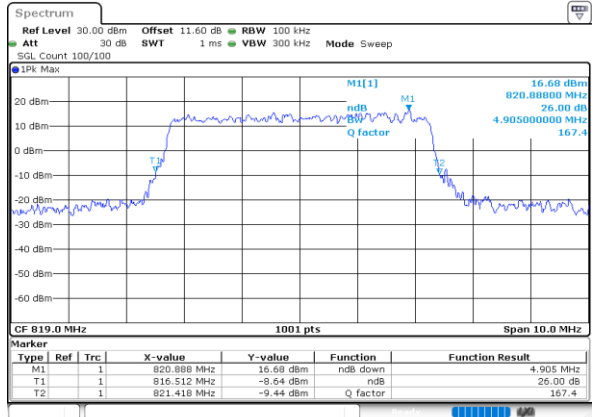
LTE Band 26

Middle Channel / 5MHz / QPSK



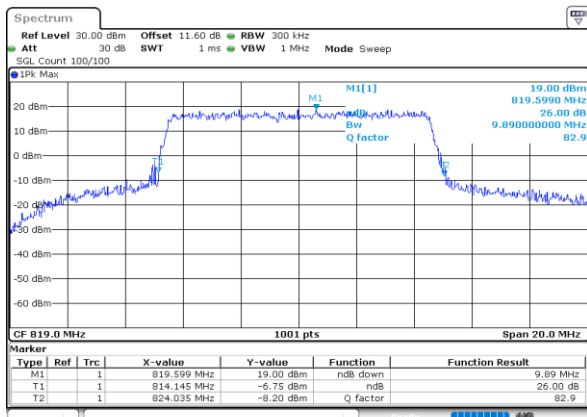
Date: 21.DEC.2023 14:57:09

Middle Channel / 5MHz / 16QAM



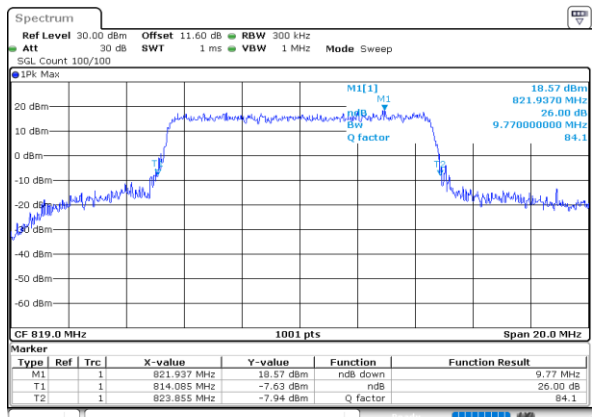
Date: 21.DEC.2023 14:57:32

Middle Channel / 10MHz / QPSK



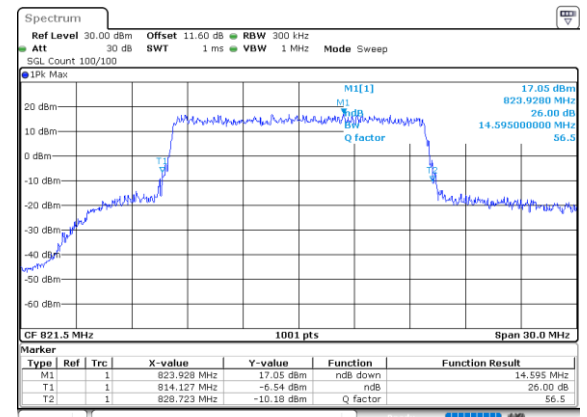
Date: 21.DEC.2023 15:04:40

Middle Channel / 10MHz / 16QAM



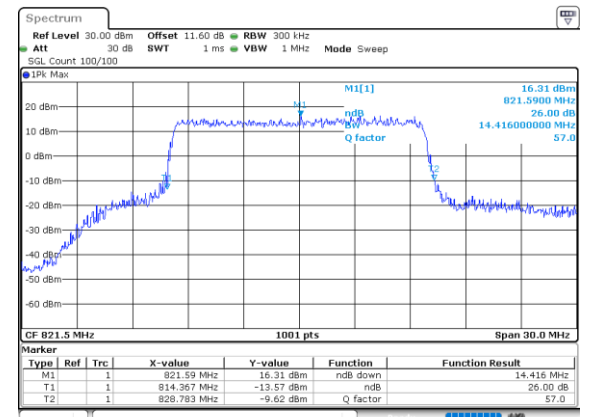
Date: 21.DEC.2023 15:05:03

Low Channel / 15MHz / QPSK



Date: 21.DEC.2023 15:15:33

Low Channel / 15MHz / 16QAM

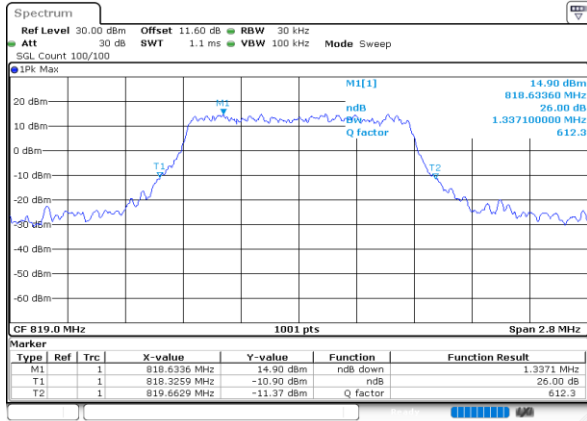


Date: 21.DEC.2023 15:14:46



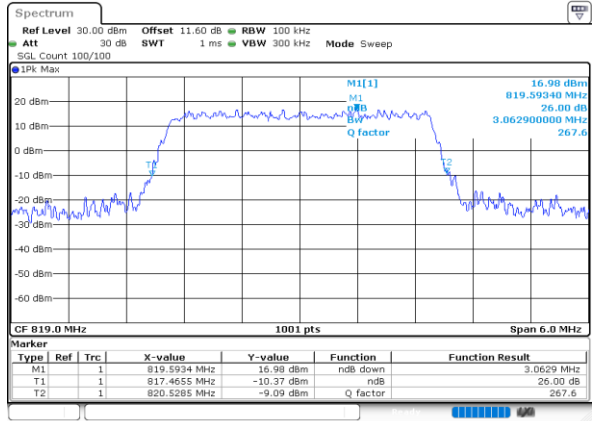
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



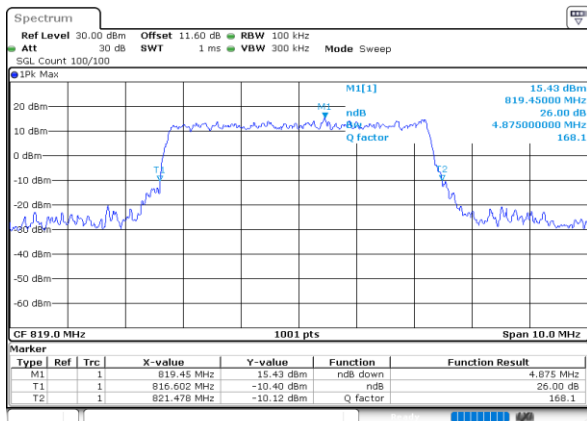
Date: 21.DEC.2023 14:33:54

Middle Channel / 3MHz / 64QAM



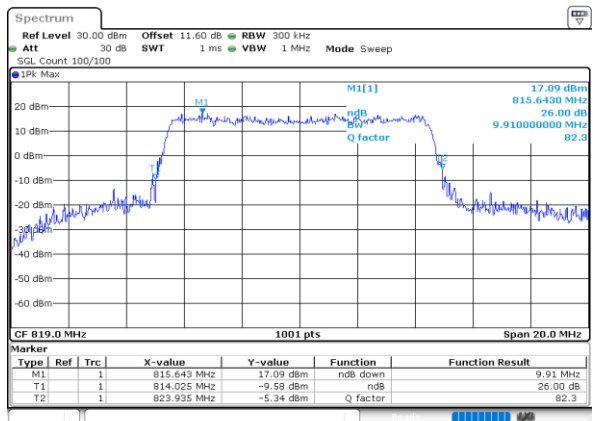
Date: 21.DEC.2023 14:50:11

Middle Channel / 5MHz / 64QAM



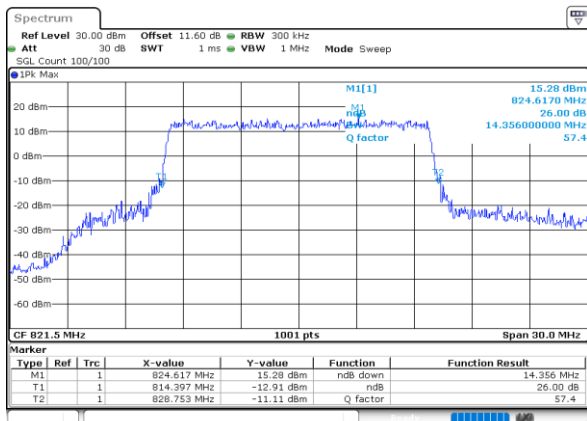
Date: 21.DEC.2023 14:55:59

Middle Channel / 10MHz / 64QAM



Date: 21.DEC.2023 15:03:30

Low Channel / 15MHz / 64QAM



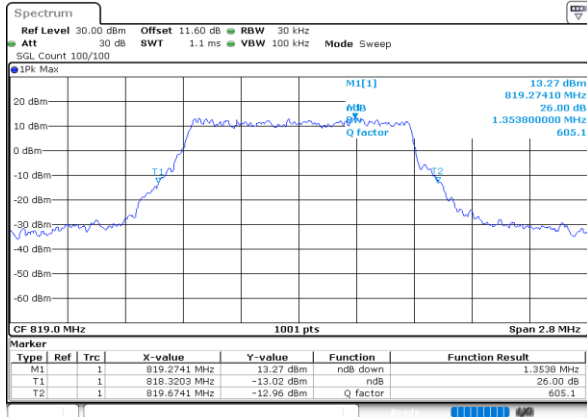
Date: 21.DEC.2023 15:13:59

N/A



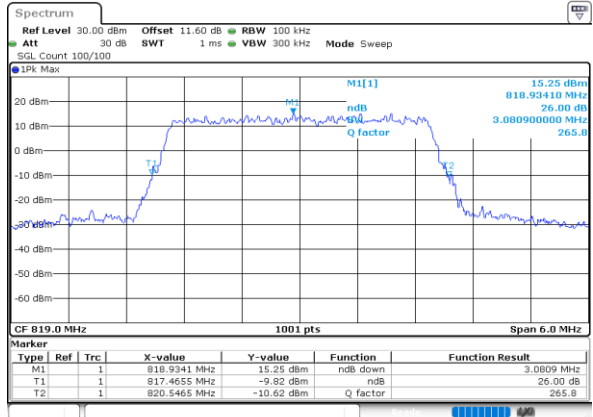
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



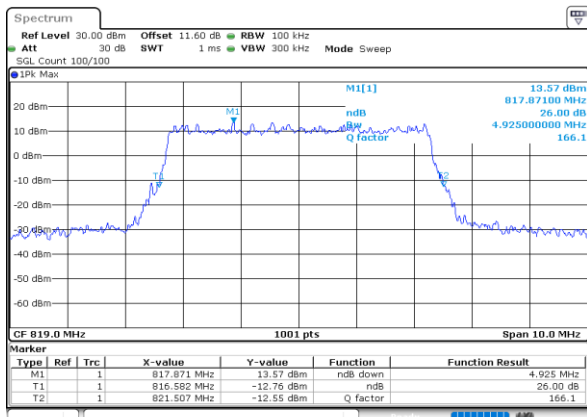
Date: 21.DEC.2023 15:16:23

Middle Channel / 3MHz / 256QAM



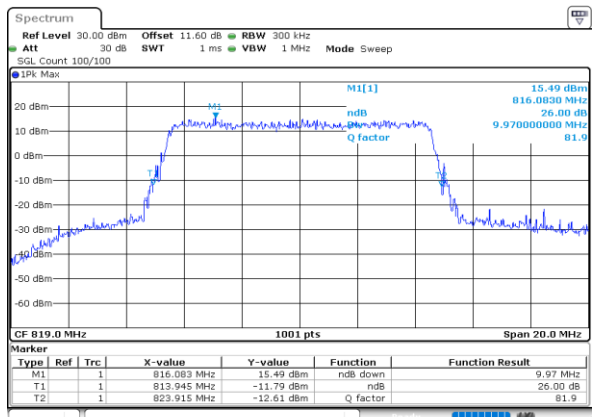
Date: 21.DEC.2023 15:14:31

Middle Channel / 5MHz / 256QAM



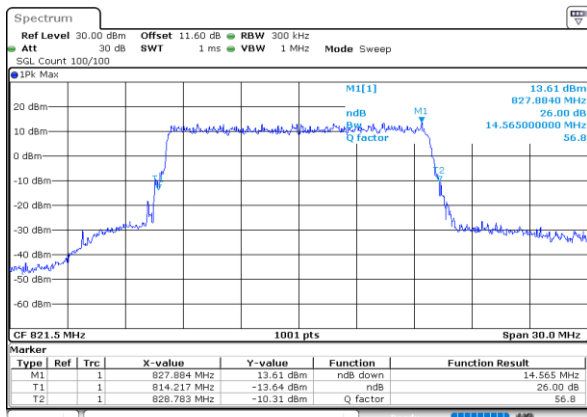
Date: 21.DEC.2023 15:16:57

Middle Channel / 10MHz / 256QAM



Date: 21.DEC.2023 16:06:28

Low Channel / 5MHz / 256QAM



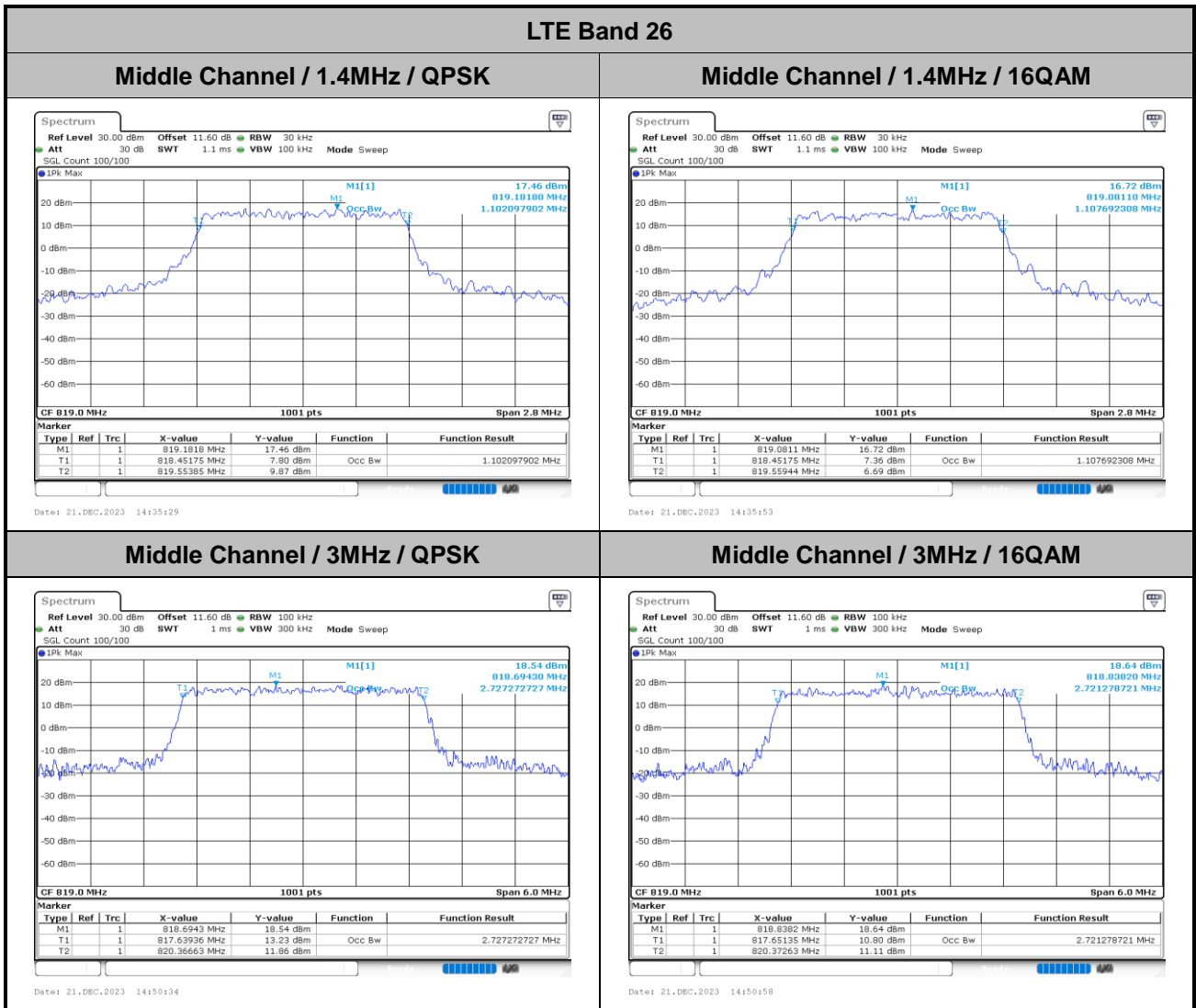
Date: 21.DEC.2023 16:20:30

N/A



Occupied Bandwidth

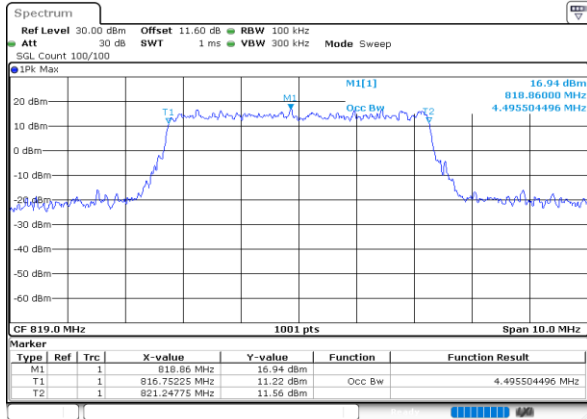
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	13.45	13.48	-	-
Middle CH	1.10	1.10	2.72	2.72	4.49	4.52	9.05	9.07	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Low CH	-	-	-	-	-	-	-	-	13.48	13.48	-	-
Middle CH	1.09	1.09	2.73	2.74	4.50	4.51	9.09	9.09	-	-	-	-





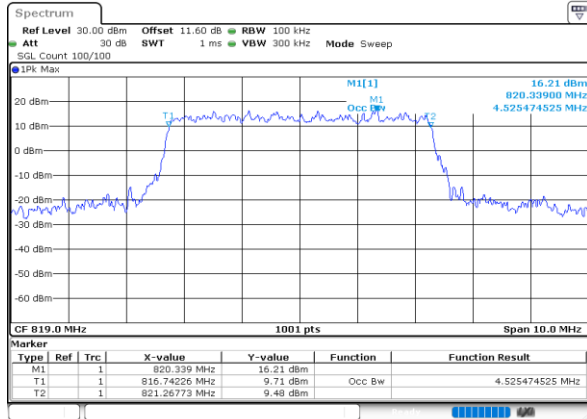
LTE Band 26

Middle Channel / 5MHz / QPSK



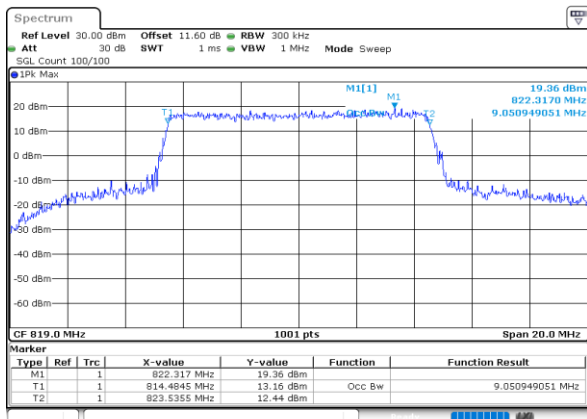
Date: 21.DEC.2023 14:56:22

Middle Channel / 5MHz / 16QAM



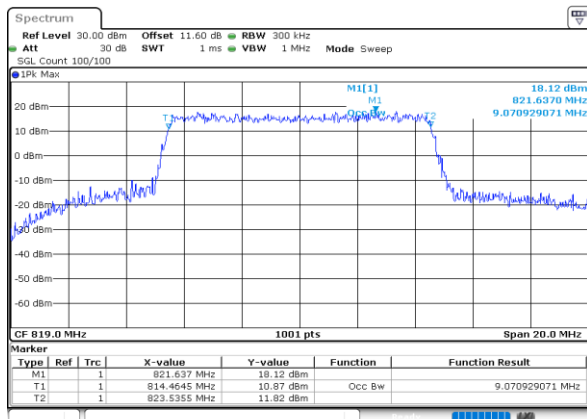
Date: 21.DEC.2023 14:56:45

Middle Channel / 10MHz / QPSK



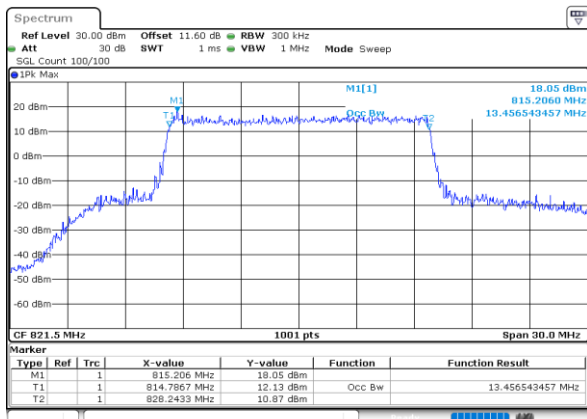
Date: 21.DEC.2023 15:03:50

Middle Channel / 10MHz / 16QAM



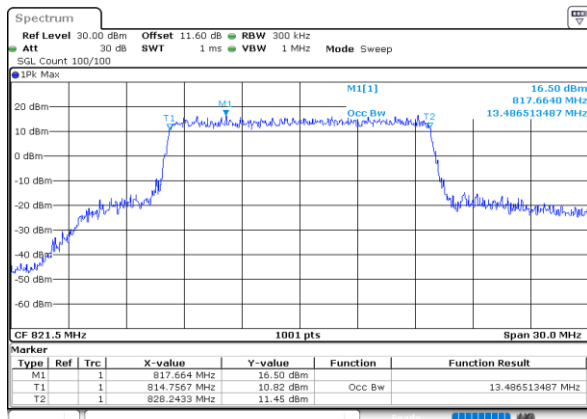
Date: 21.DEC.2023 15:04:17

Low Channel / 15MHz / QPSK



Date: 21.DEC.2023 15:15:10

Low Channel / 15MHz / 16QAM

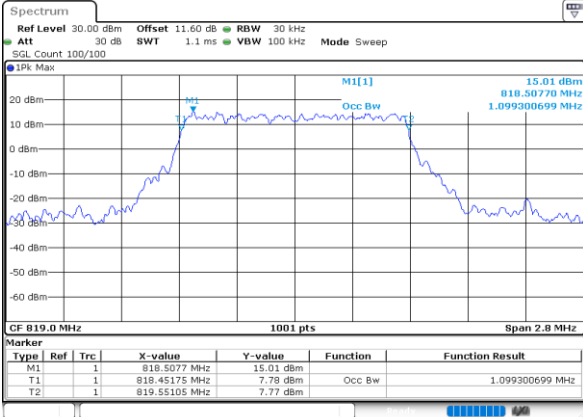


Date: 21.DEC.2023 15:14:23



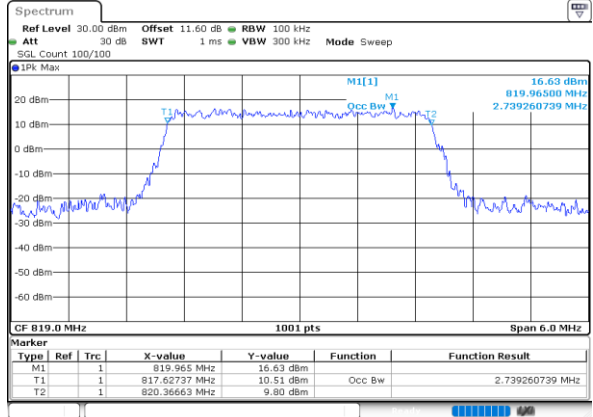
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



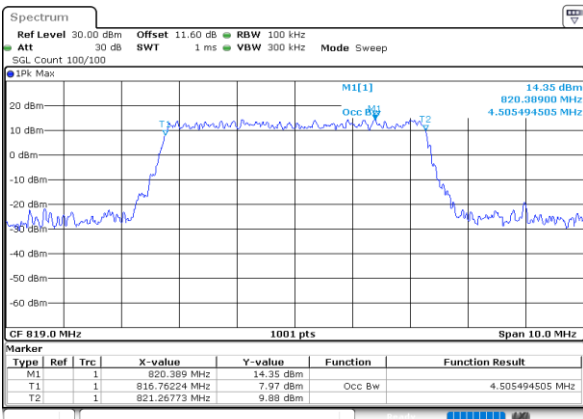
Date: 21.DEC.2023 14:33:30

Middle Channel / 3MHz / 64QAM



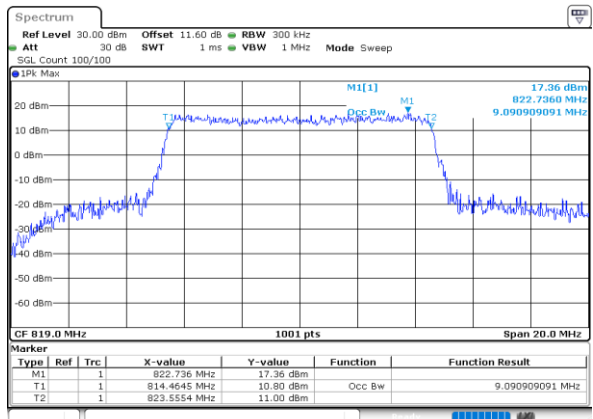
Date: 21.DEC.2023 14:49:47

Middle Channel / 5MHz / 64QAM



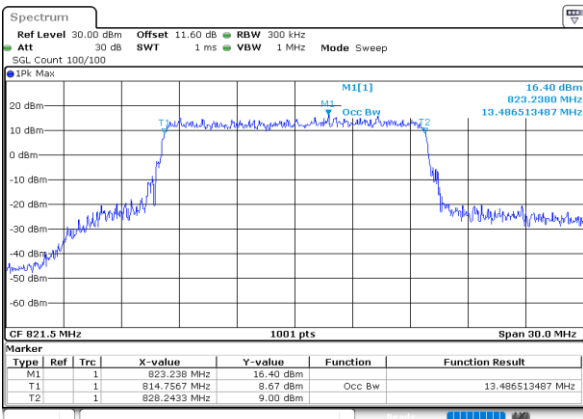
Date: 21.DEC.2023 14:55:35

Middle Channel / 10MHz / 64QAM



Date: 21.DEC.2023 15:03:06

Low Channel / 5MHz / 64QAM



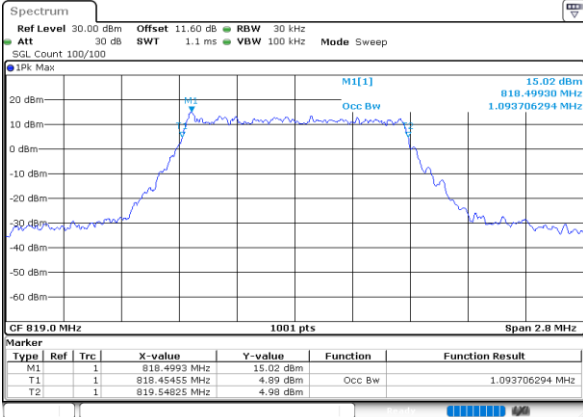
Date: 21.DEC.2023 15:13:36

N/A

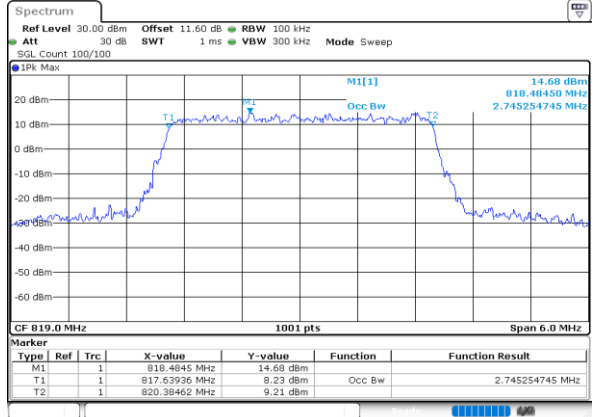


LTE Band 26

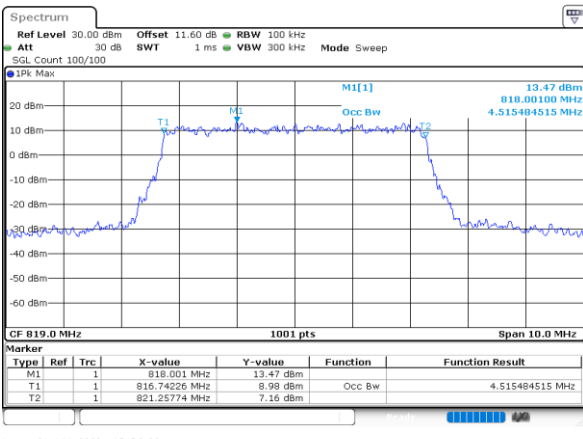
Middle Channel / 1.4MHz / 256QAM



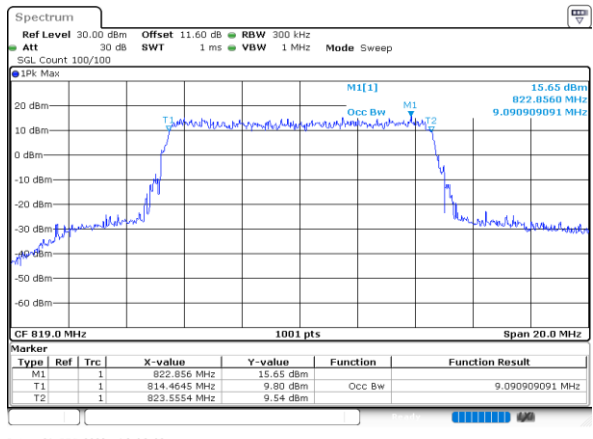
Middle Channel / 3MHz / 256QAM



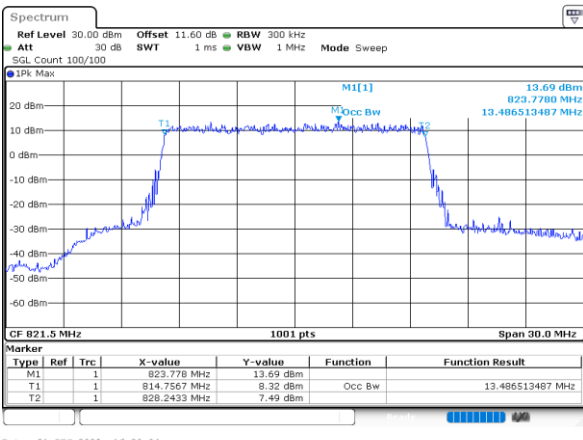
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



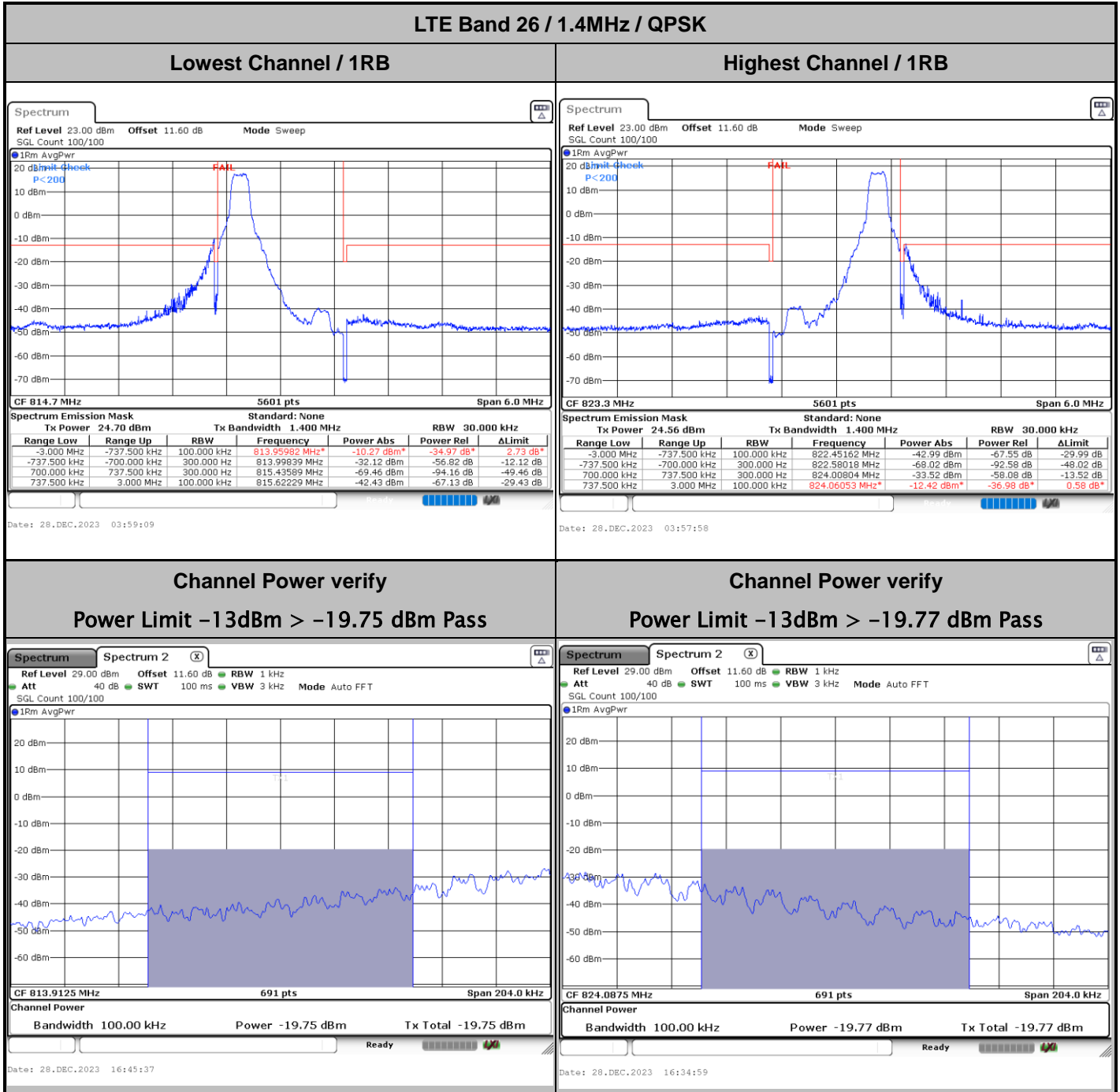
Low Channel / 15MHz / 256QAM



N/A



Emission masks – In-band emissions

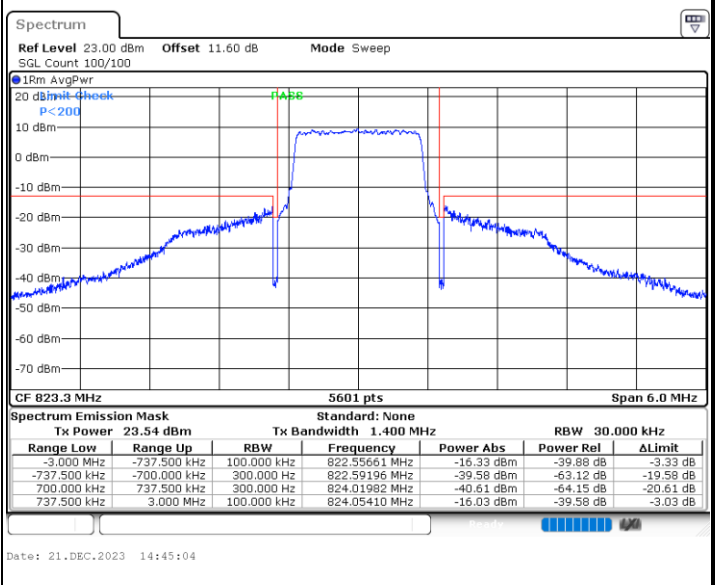
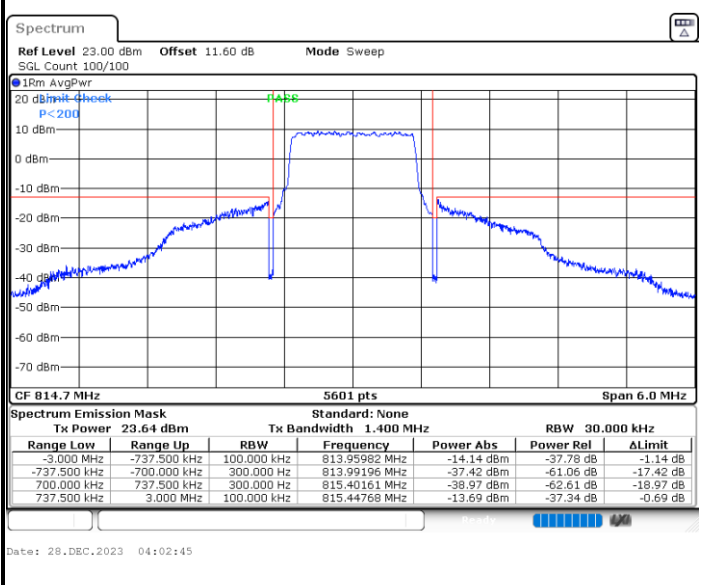




LTE Band 26 / 1.4MHz / QPSK

Lowest Channel / Full RB

Highest Channel / Full RB

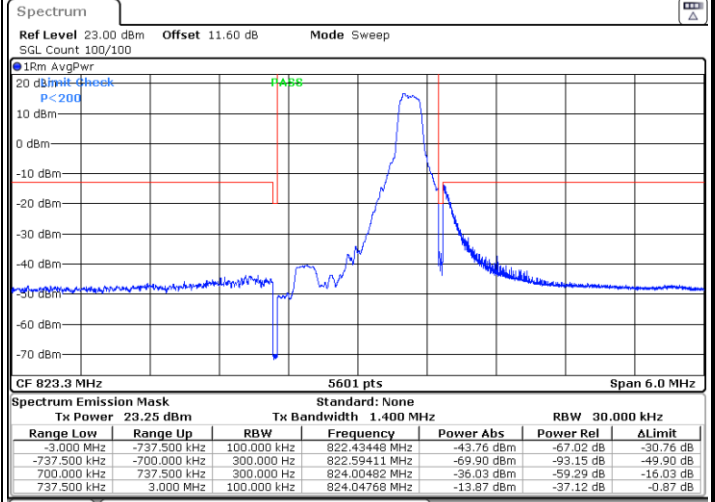
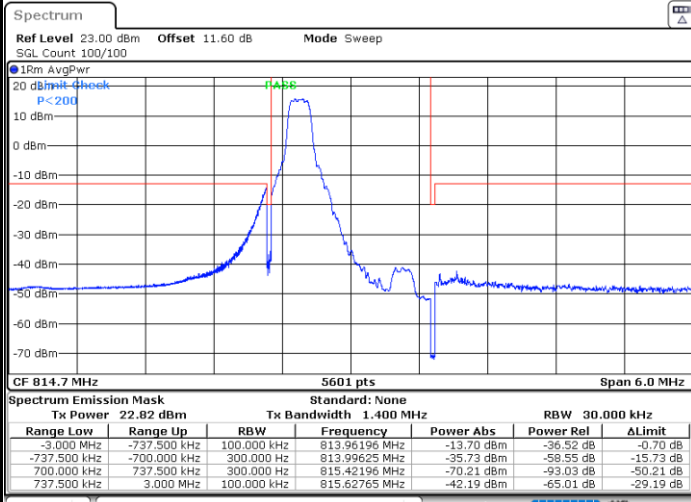




LTE Band 26 / 1.4MHz / 16QAM

Lowest Channel / 1 RB

Highest Channel / 1 RB

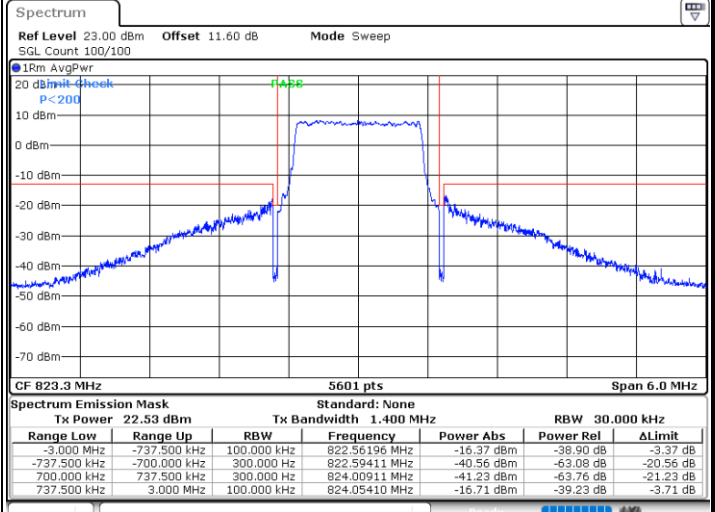
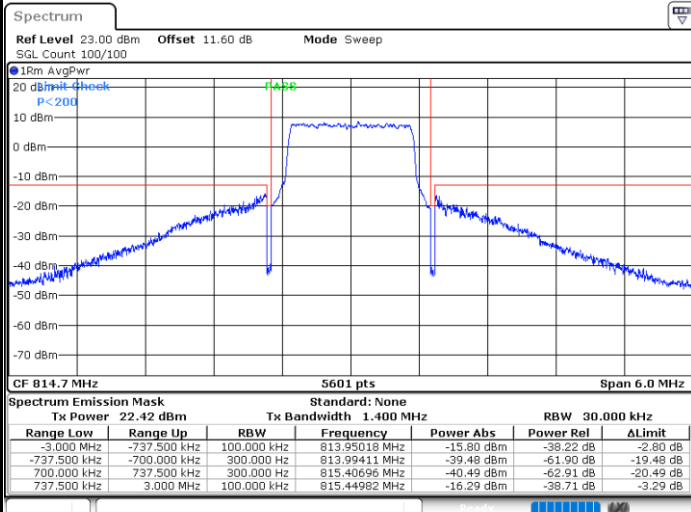


Date: 28.DEC.2023 16:50:42

Date: 28.DEC.2023 16:19:01

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 21.DEC.2023 14:42:29

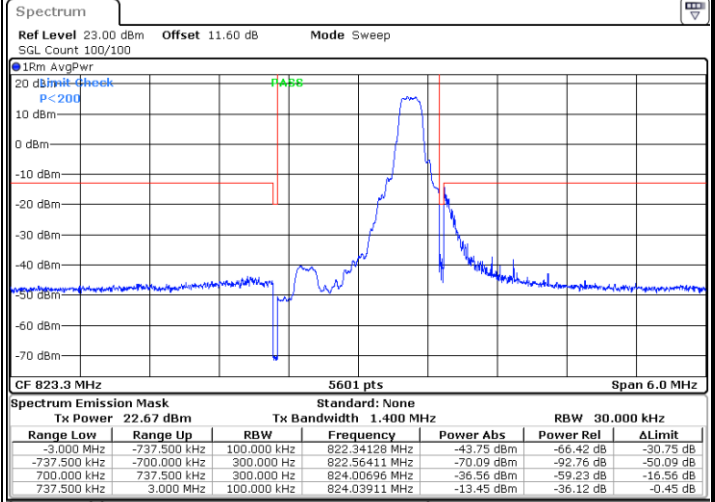
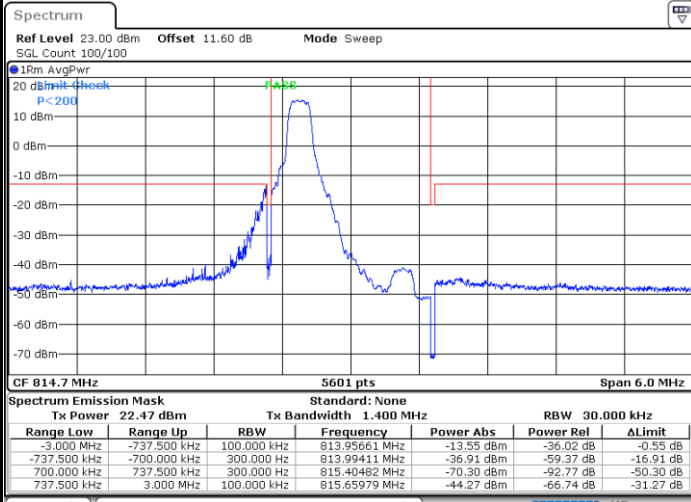
Date: 21.DEC.2023 14:45:56



LTE Band 26 / 1.4MHz / 64QAM

Lowest Channel / 1 RB

Highest Channel / 1 RB

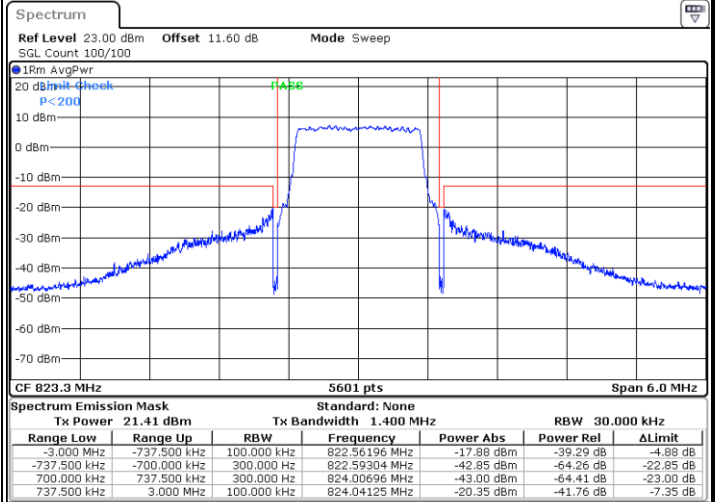
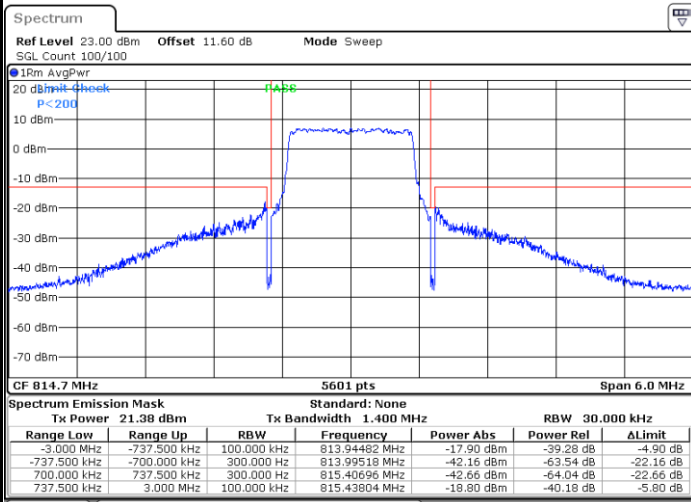


Date: 21.DEC.2023 14:46:47

Date: 21.DEC.2023 14:48:31

Lowest Channel / Full RB

Highest Channel / Full RB



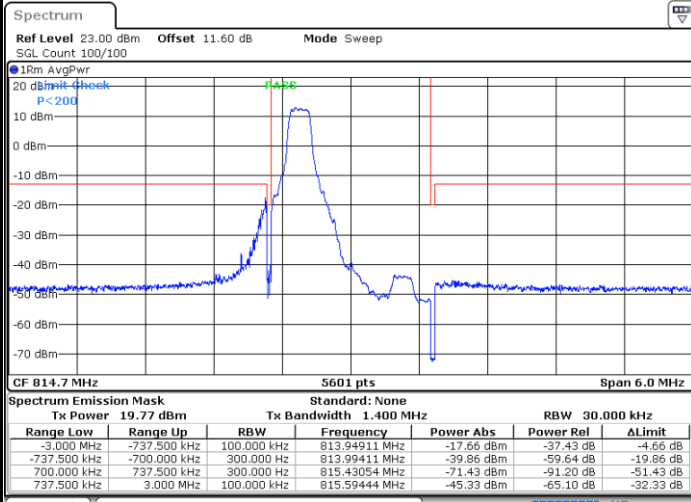
Date: 21.DEC.2023 14:47:39

Date: 21.DEC.2023 14:49:23



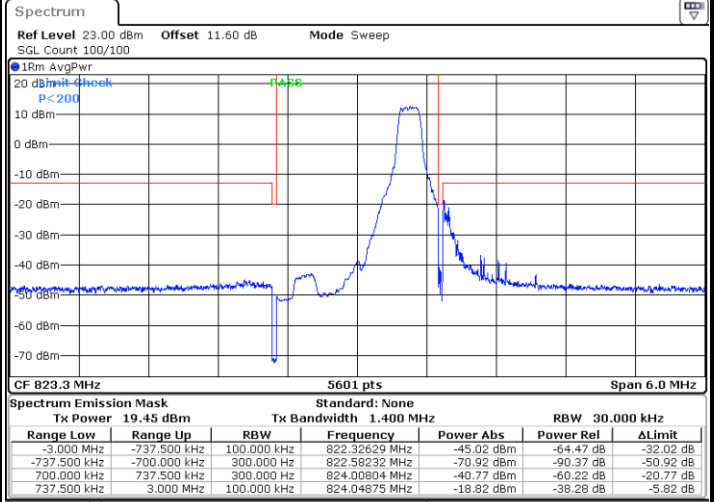
LTE Band 26 / 1.4MHz / 256QAM

Lowest Channel / 1 RB



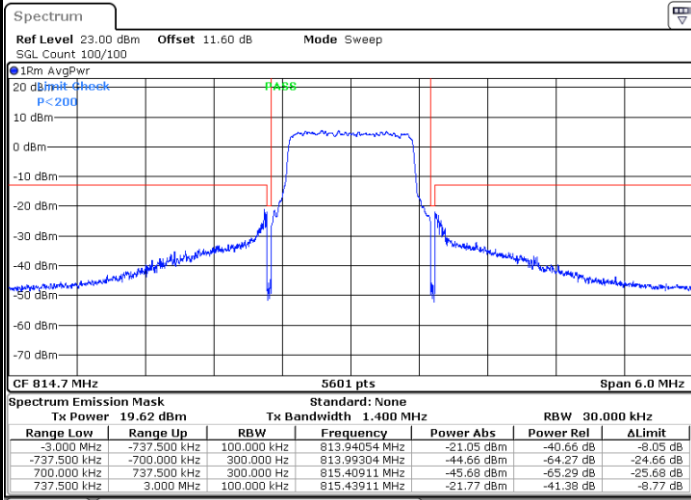
Date: 21.DEC.2023 15:17:17

Highest Channel / 1 RB



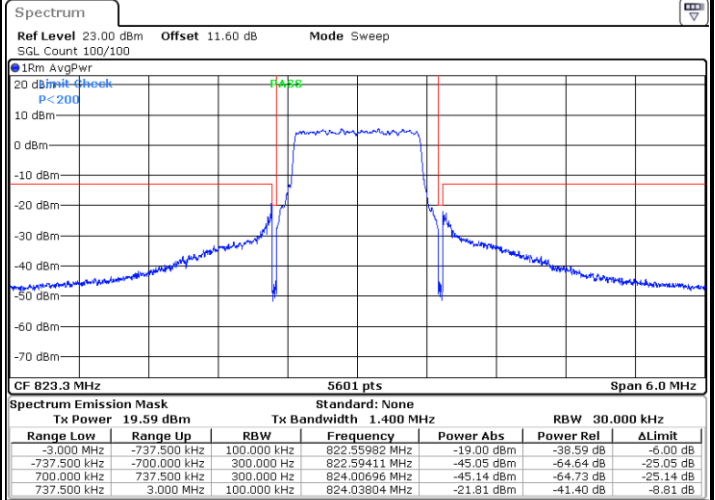
Date: 21.DEC.2023 15:19:06

Lowest Channel / Full RB



Date: 21.DEC.2023 15:18:12

Highest Channel / Full RB

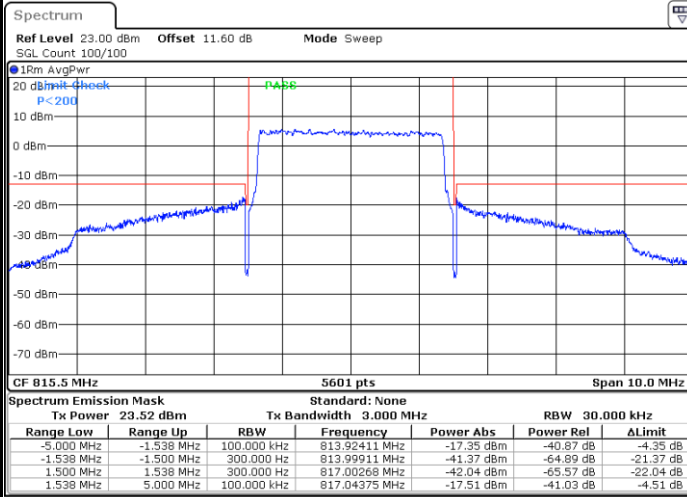


Date: 21.DEC.2023 15:20:01



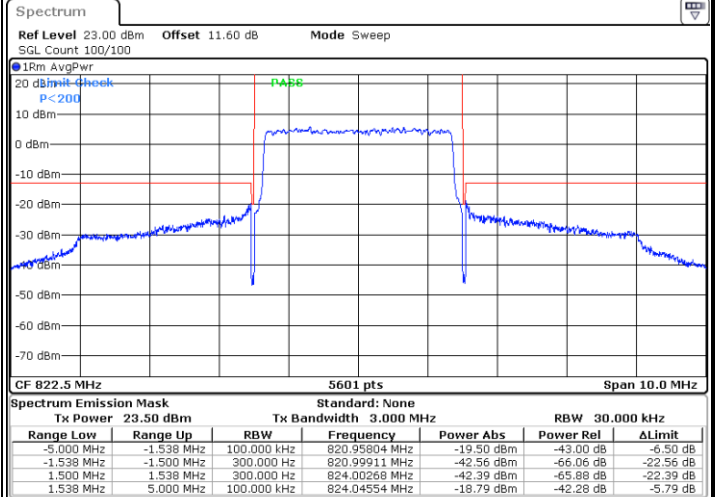
LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB



Date: 21.DEC.2023 14:52:36

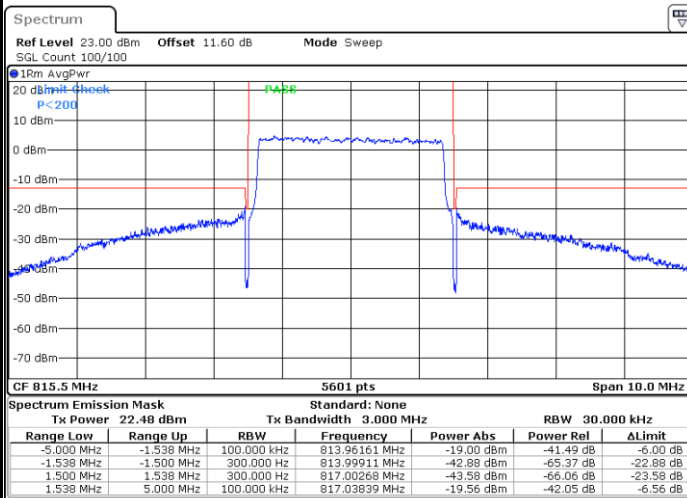
Highest Channel / Full RB



Date: 21.DEC.2023 14:54:19

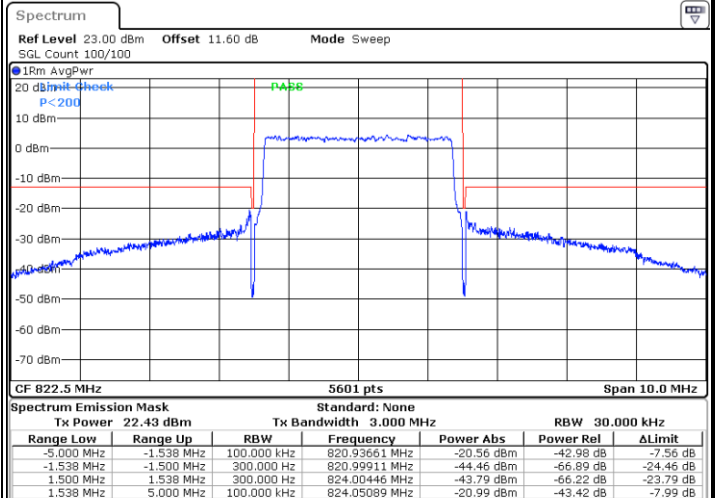
LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB



Date: 21.DEC.2023 14:53:27

Highest Channel / Full RB

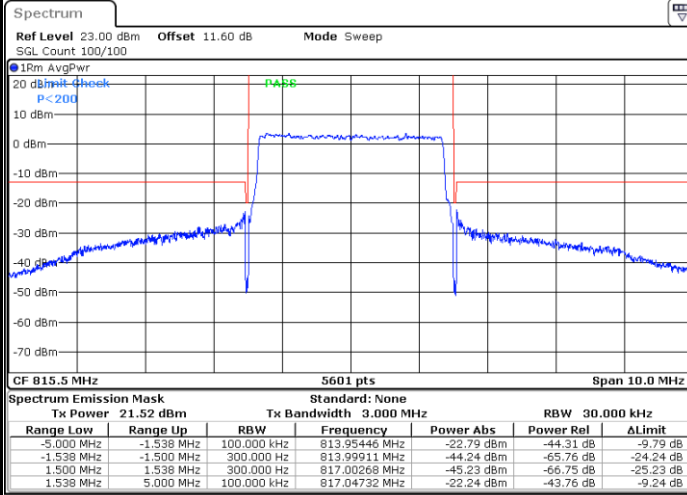


Date: 21.DEC.2023 14:55:11



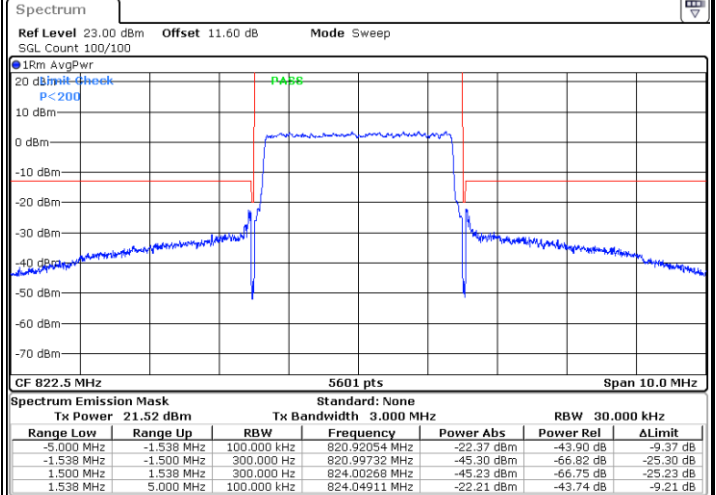
LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB



Date: 21.DEC.2023 15:08:53

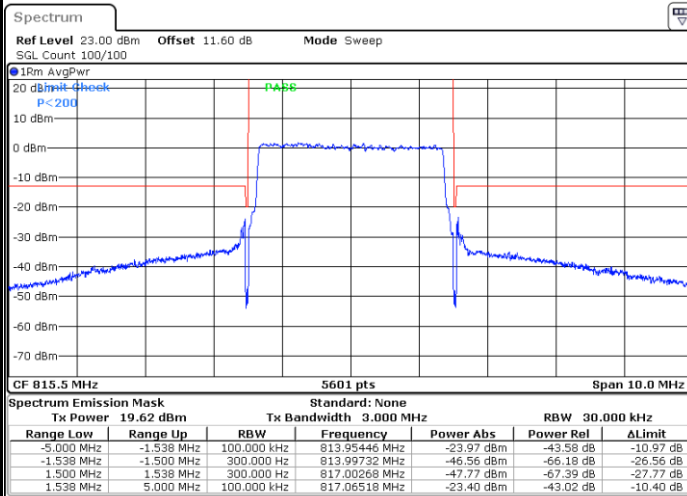
Highest Channel / Full RB



Date: 21.DEC.2023 15:09:44

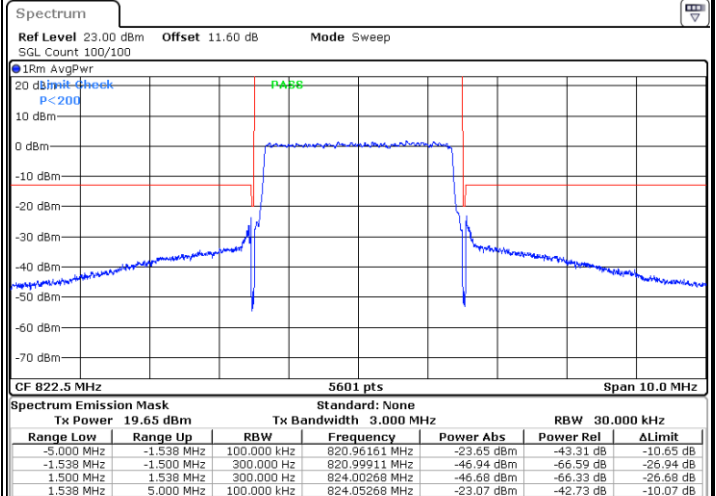
LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB



Date: 21.DEC.2023 15:50:25

Highest Channel / Full RB



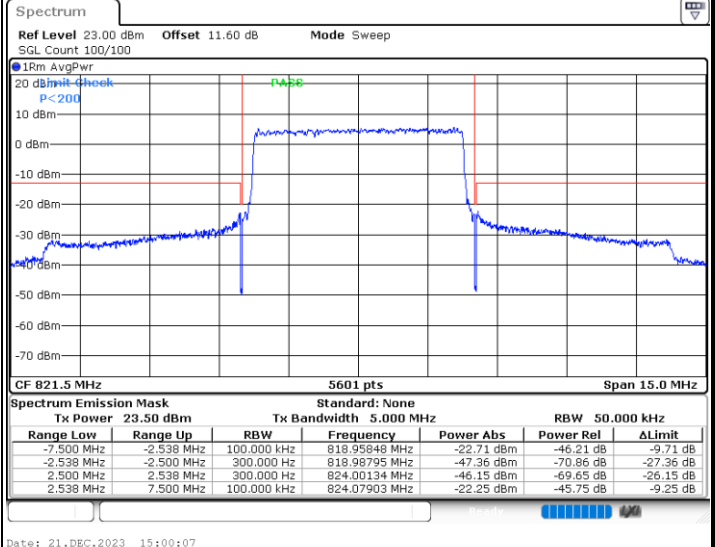
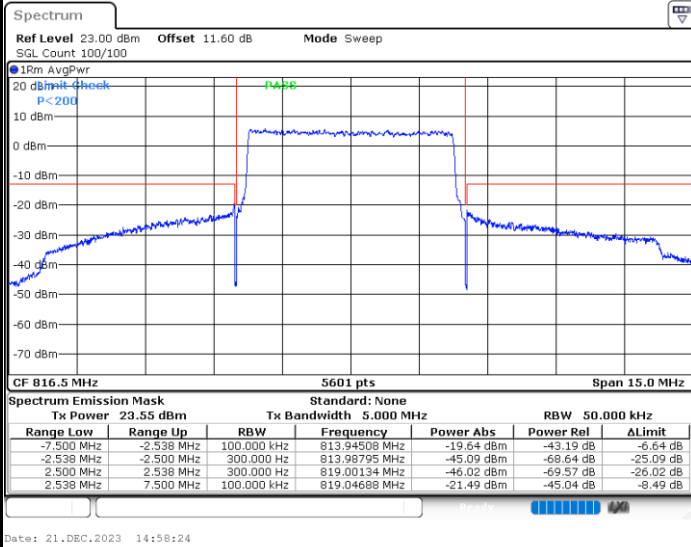
Date: 21.DEC.2023 15:51:20



LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

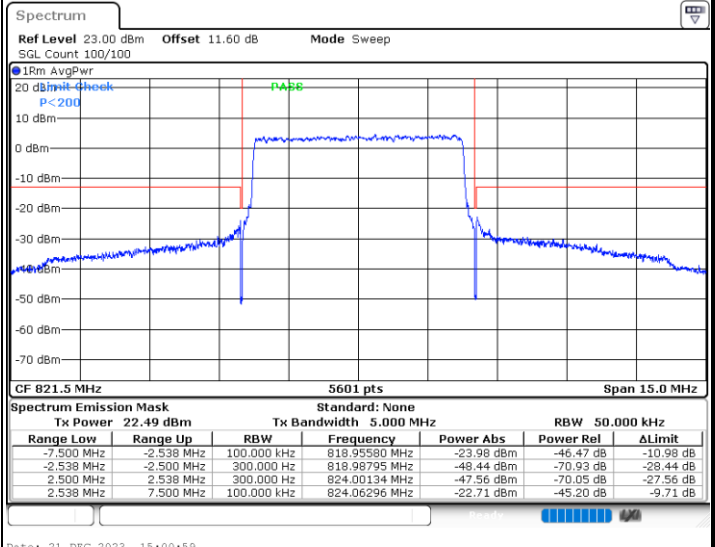
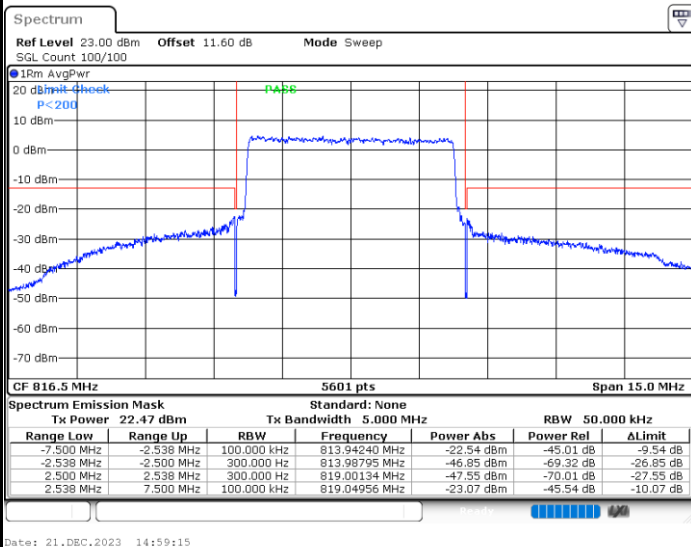
Highest Channel / Full RB



LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB

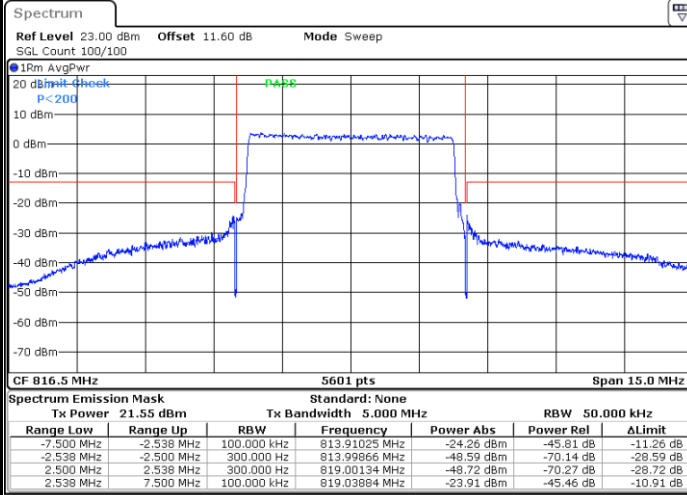
Highest Channel / Full RB





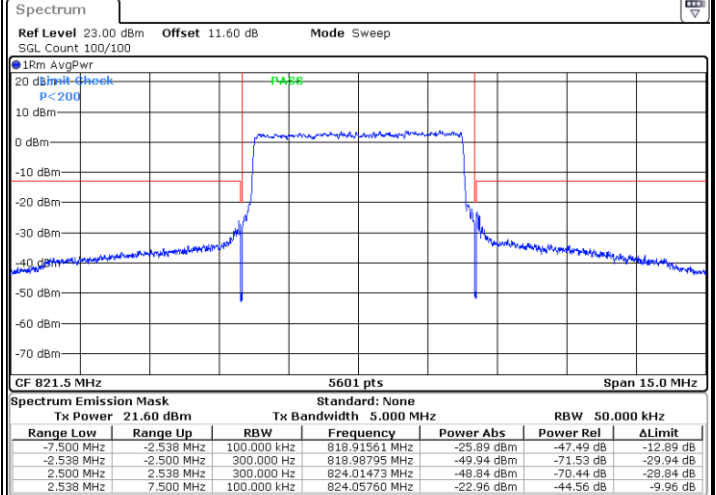
LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB



Date: 21.DEC.2023 15:10:37

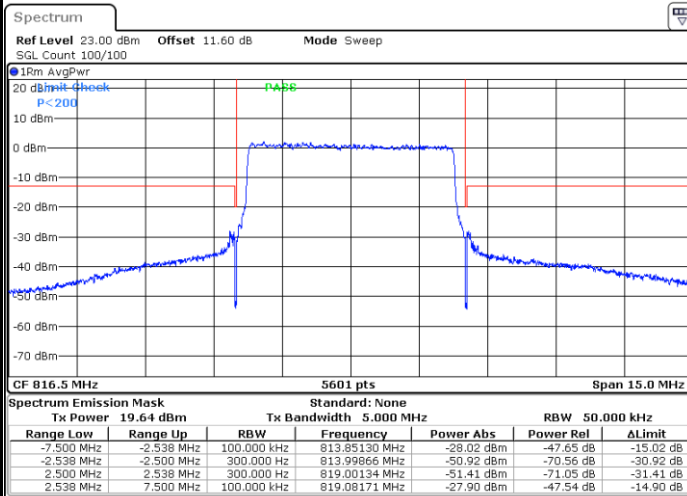
Highest Channel / Full RB



Date: 21.DEC.2023 15:11:28

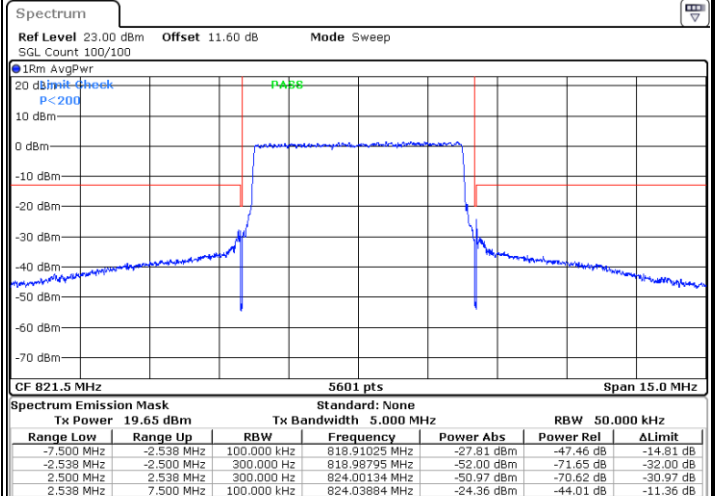
LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB

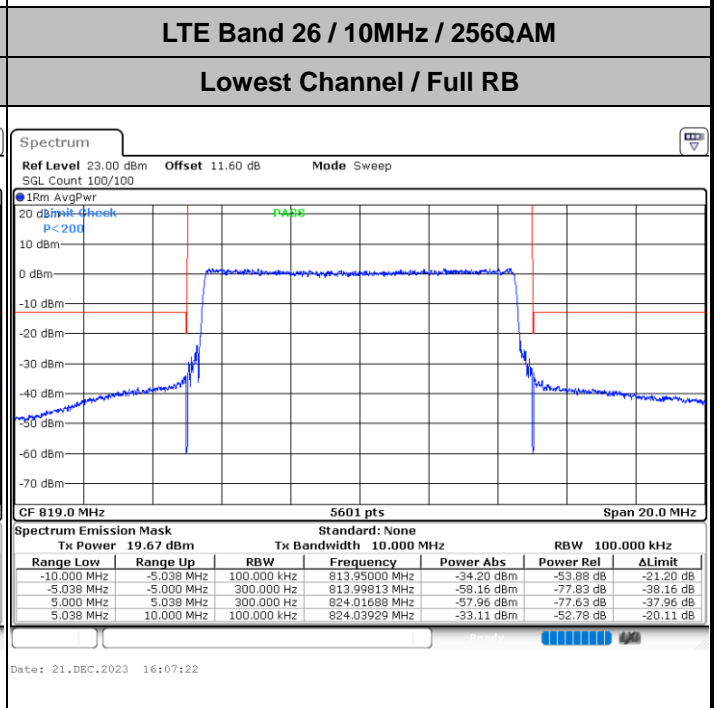
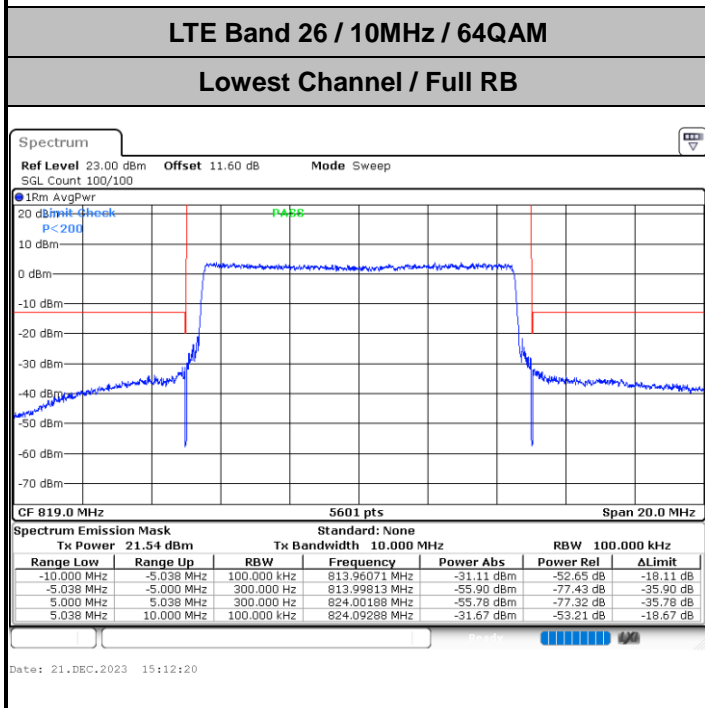
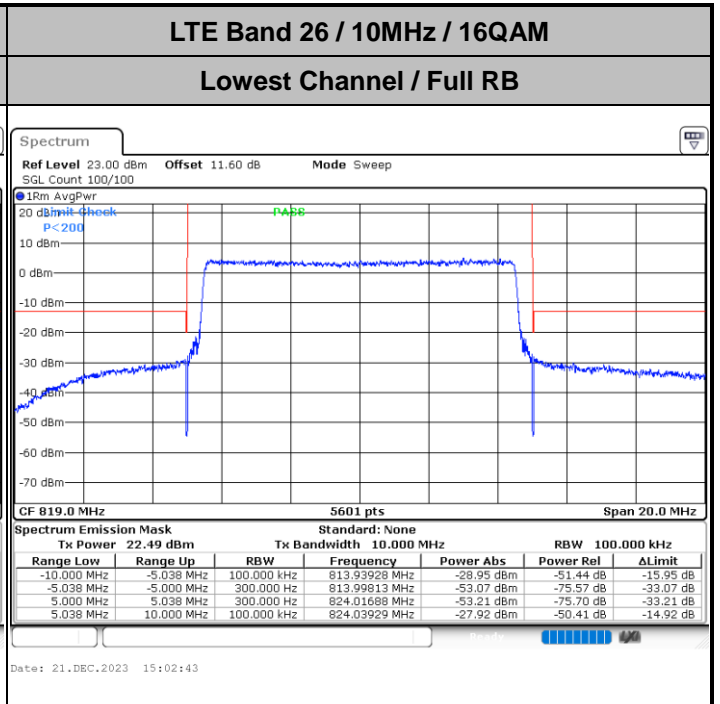
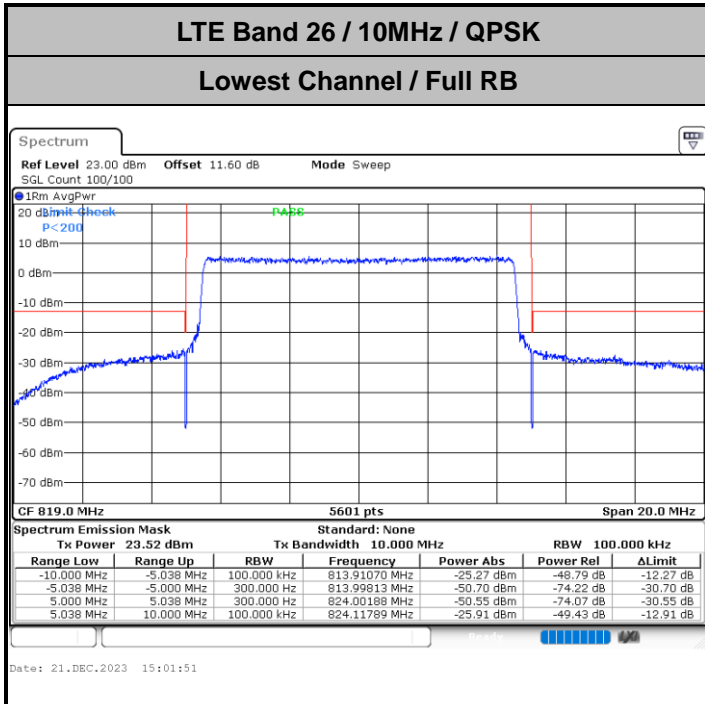


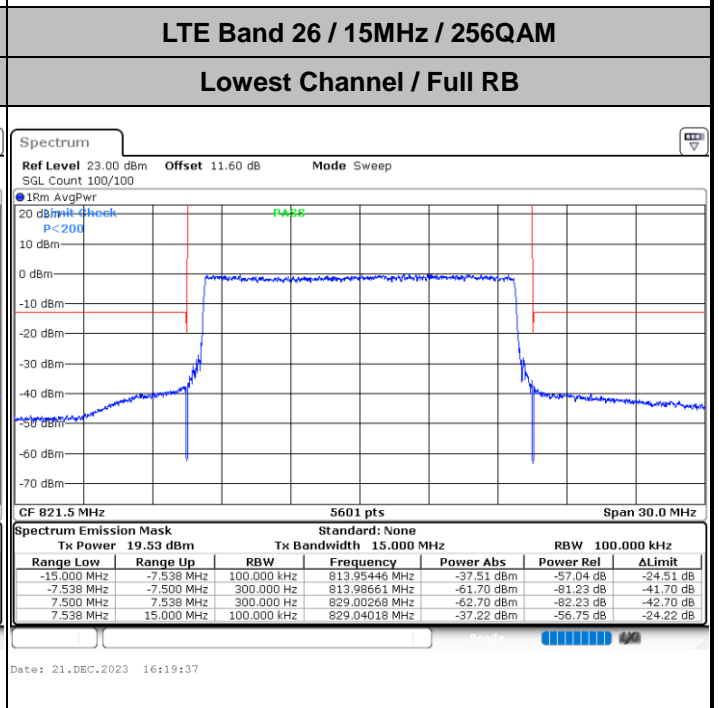
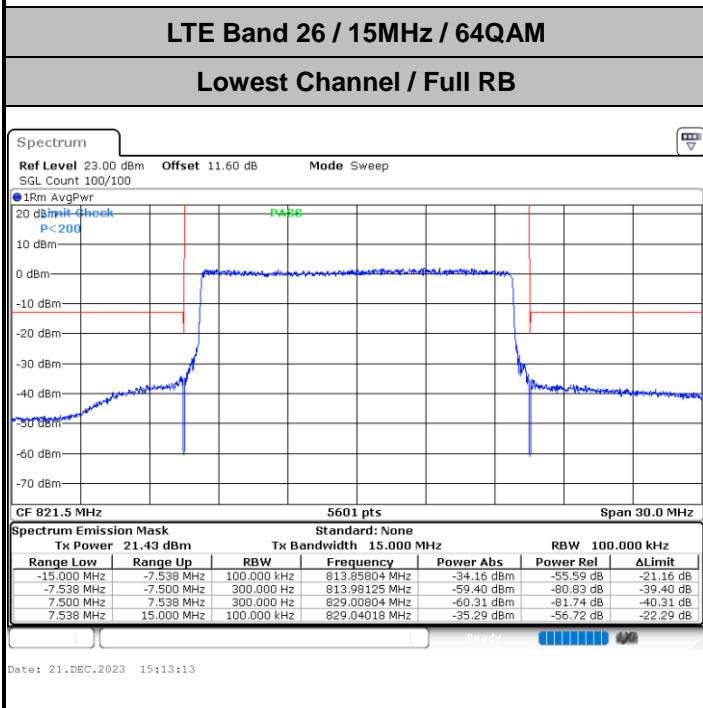
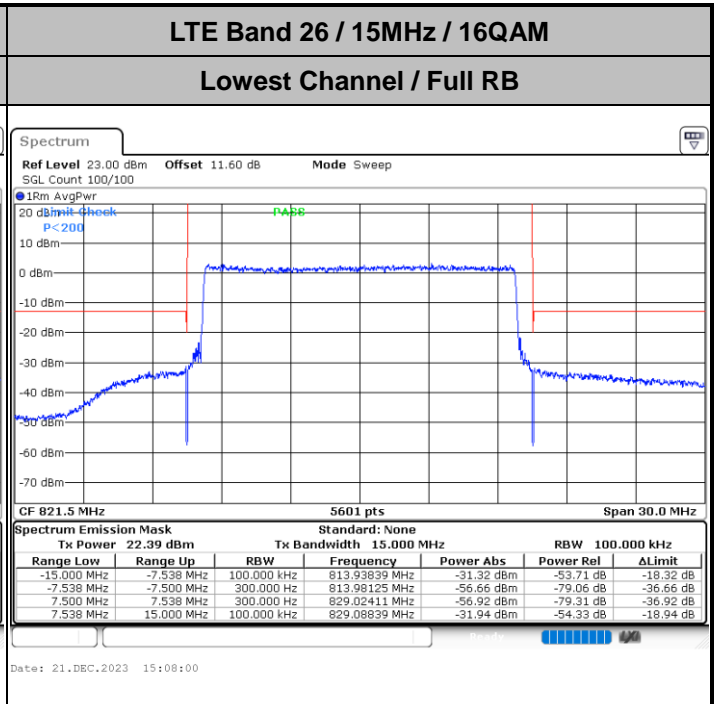
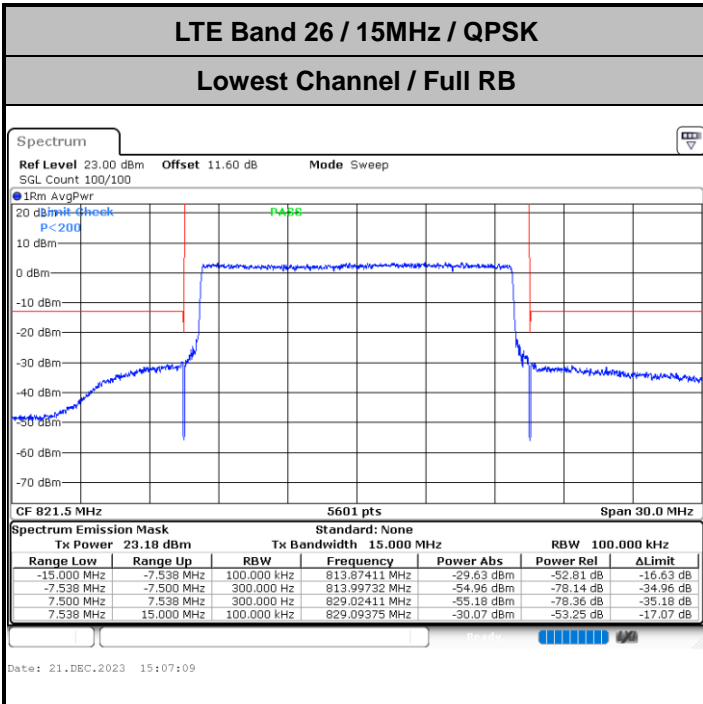
Date: 21.DEC.2023 15:57:51

Highest Channel / Full RB



Date: 21.DEC.2023 15:58:45





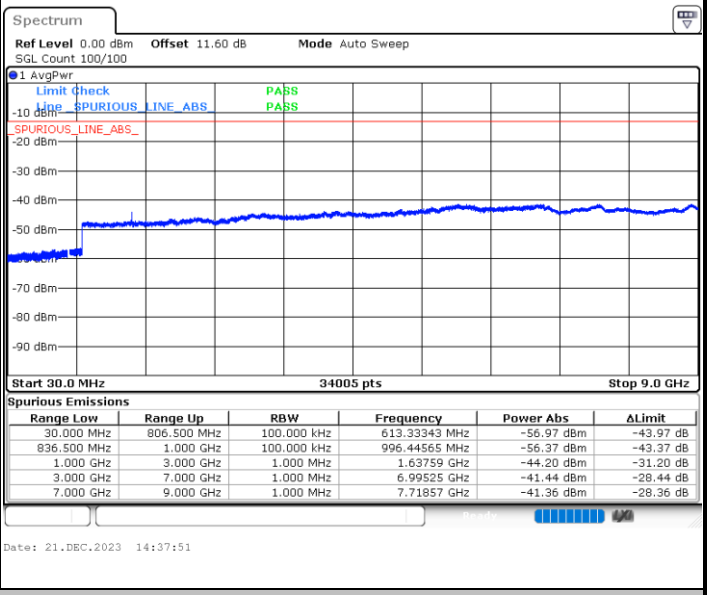
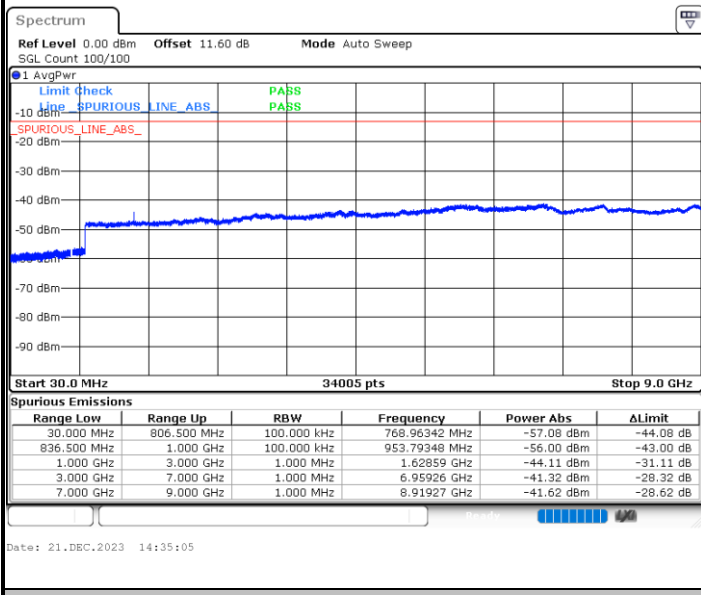


Emission masks – Out of band emissions

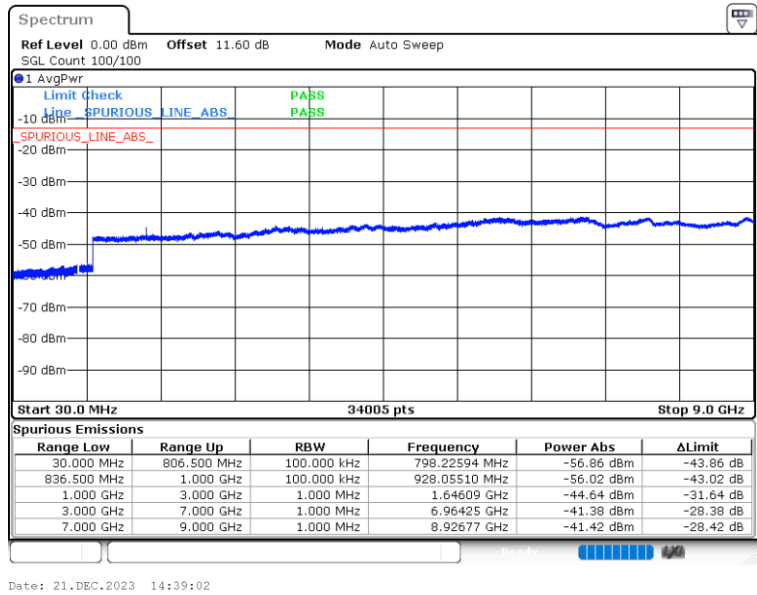
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



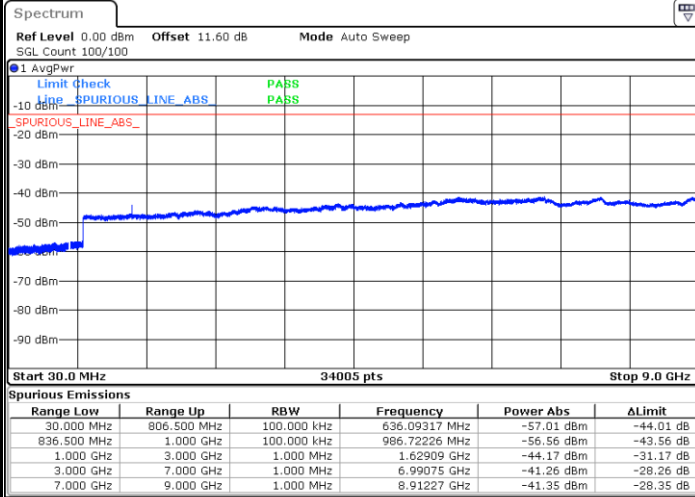
Highest Channel / QPSK





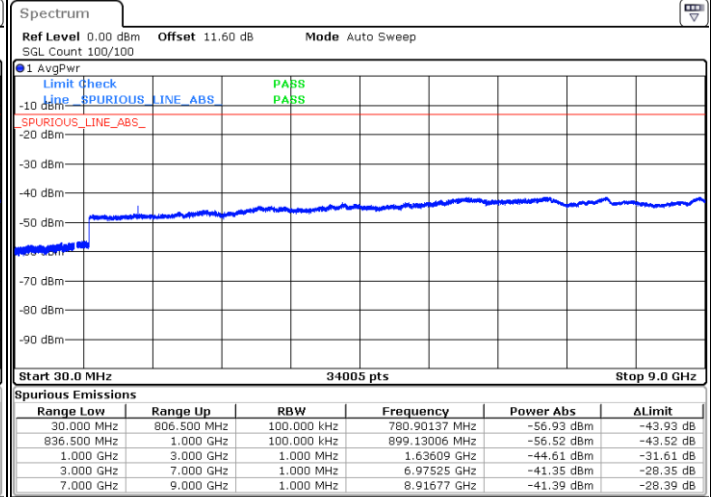
LTE Band 26 / 3MHz

Lowest Channel / QPSK



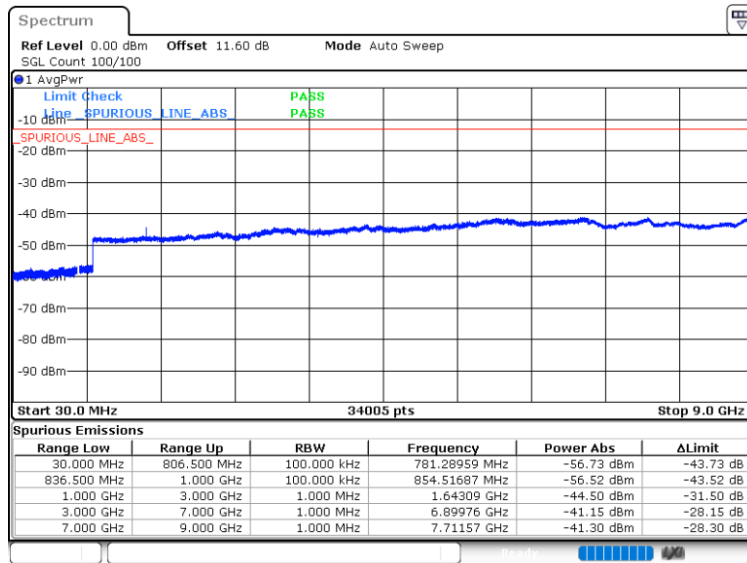
Date: 21.DEC.2023 16:54:14

Middle Channel / QPSK



Date: 21.DEC.2023 16:55:25

Highest Channel / QPSK



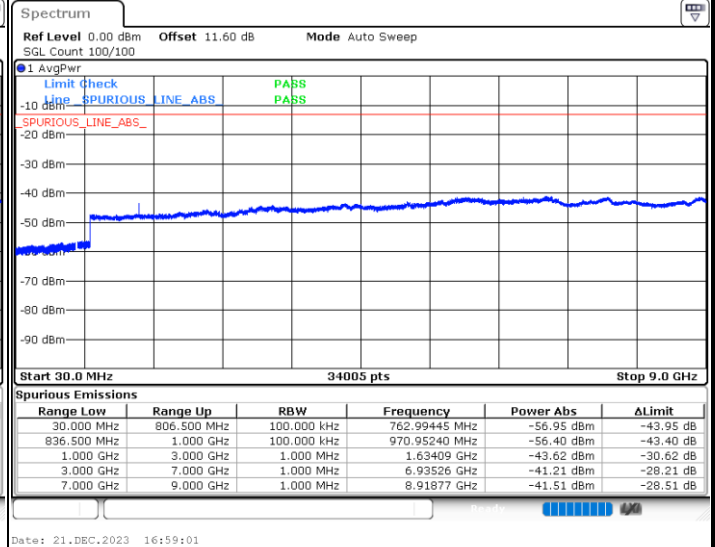
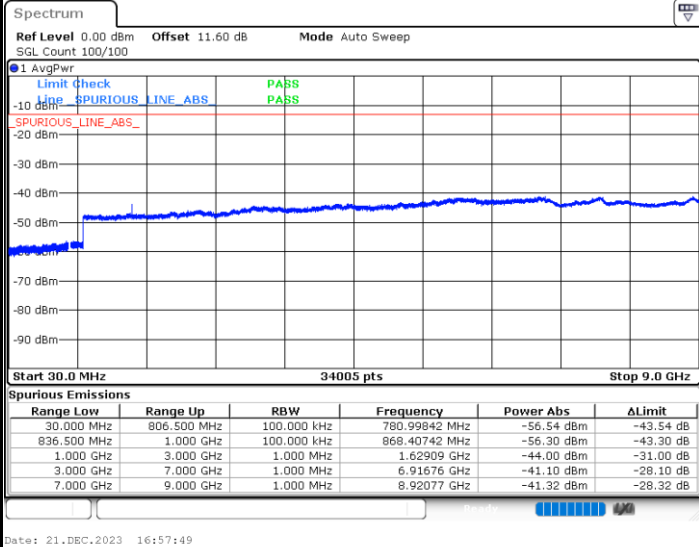
Date: 21.DEC.2023 16:56:37



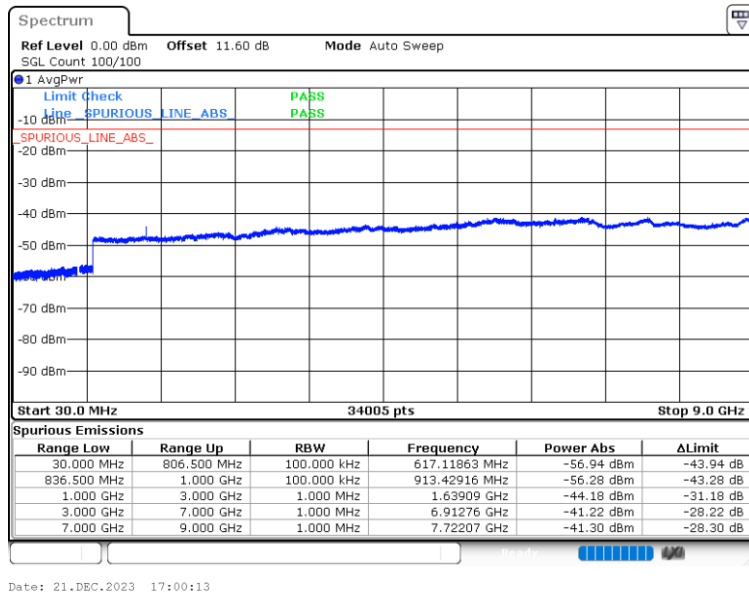
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



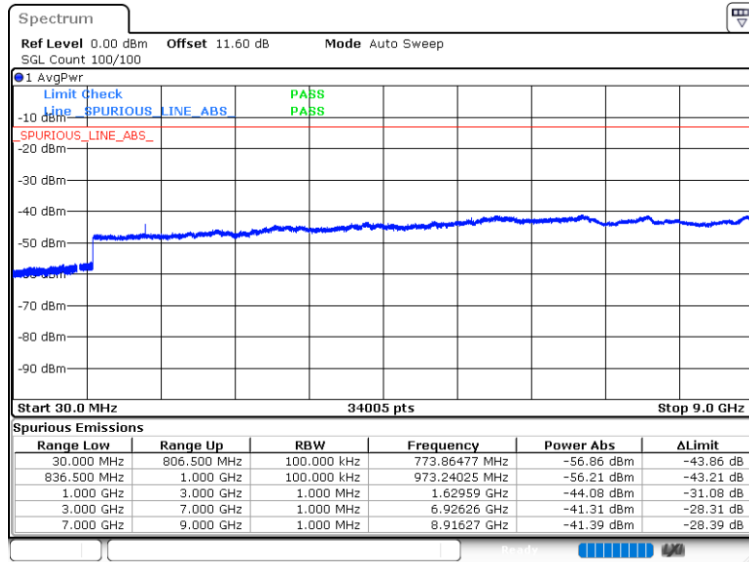
Highest Channel / QPSK





LTE Band 26 / 10MHz

Middle Channel / QPSK

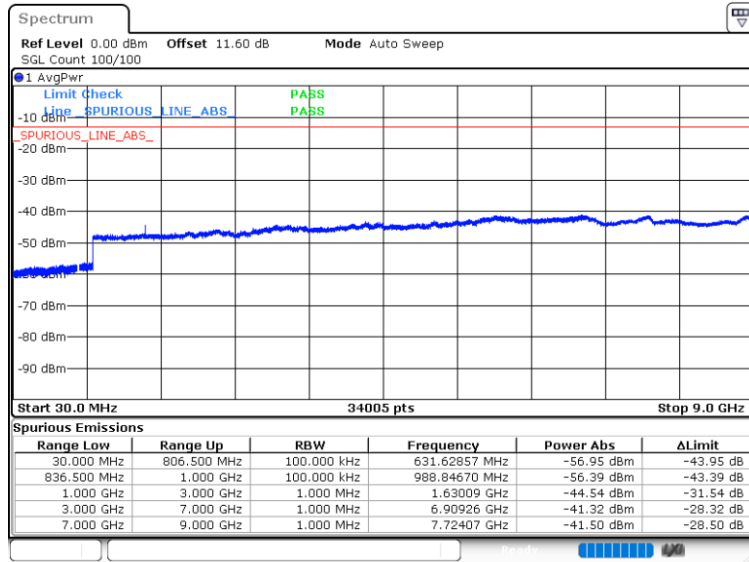


Date: 21.DEC.2023 17:01:25



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 21.DEC.2023 17:02:37



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0078	PASS
40	Normal Voltage	0.0218	
30	Normal Voltage	0.0153	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0078	
0	Normal Voltage	0.0140	
-10	Normal Voltage	0.0153	
-20	Normal Voltage	0.0148	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0153	
20	Battery End Point	0.0207	

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.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0140	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0183	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0172	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0180	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0102	

Note:

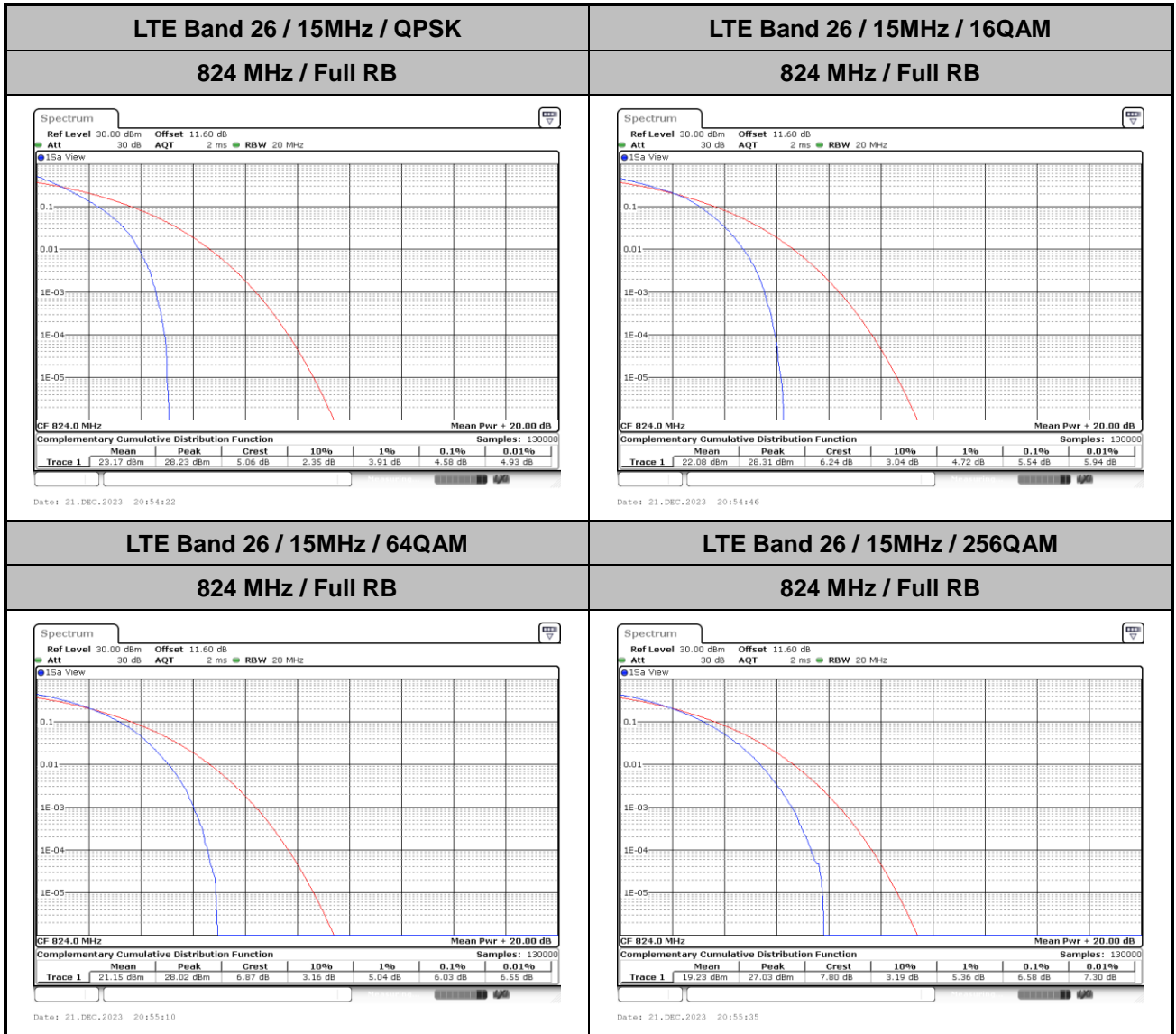
- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 90S_824 MHz

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824 MHz	4.58	5.54	6.03	6.58	PASS





26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824 MHz	1.33	1.30	3.05	3.03	4.98	4.93	9.83	9.89	14.62	14.32	-	-

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824 MHz	1.29	1.31	3.03	3.09	4.82	4.94	9.76	9.84	14.38	14.38	-	-

