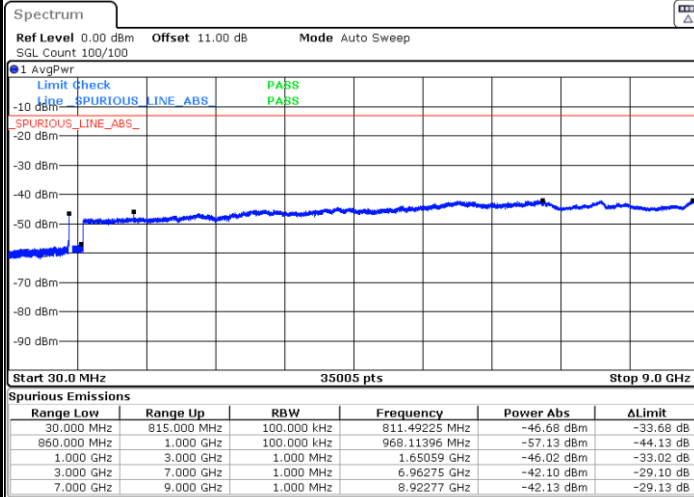




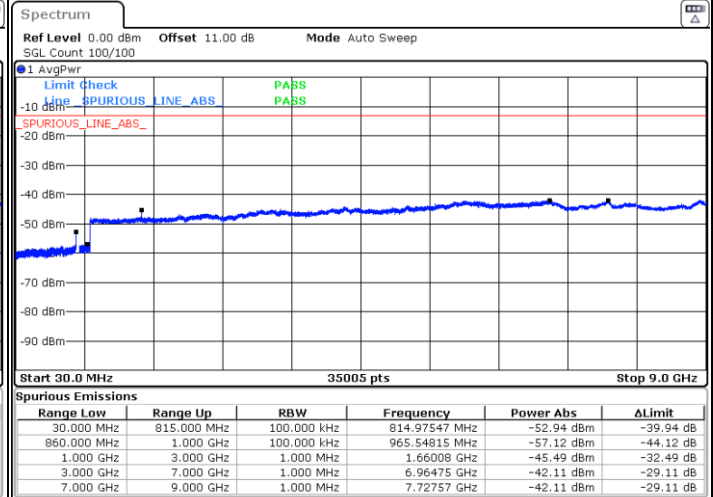
LTE Band 26 / 15MHz

Lowest Channel / QPSK



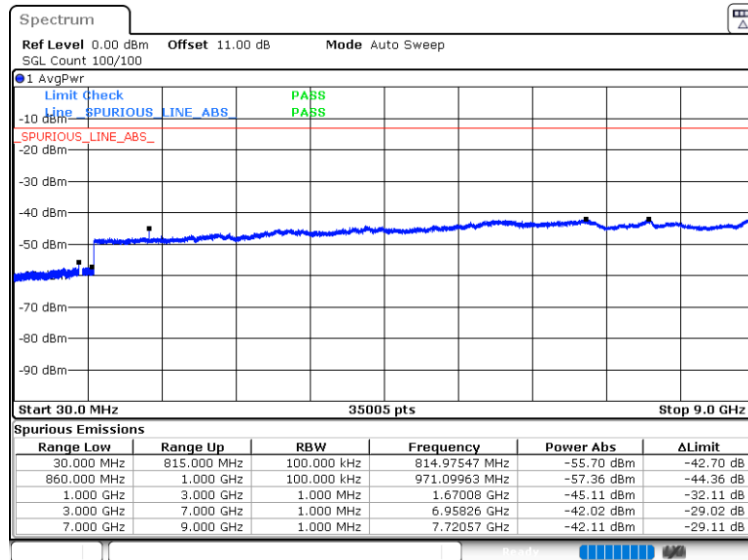
Date: 2.DEC.2022 14:53:59

Middle Channel / QPSK



Date: 2.DEC.2022 16:59:41

Highest Channel / QPSK



Date: 2.DEC.2022 14:56:36

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	0.0008	PASS
40	Normal Voltage	0.0178	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0143	
0	Normal Voltage	0.0171	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0171	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0182	

Note:

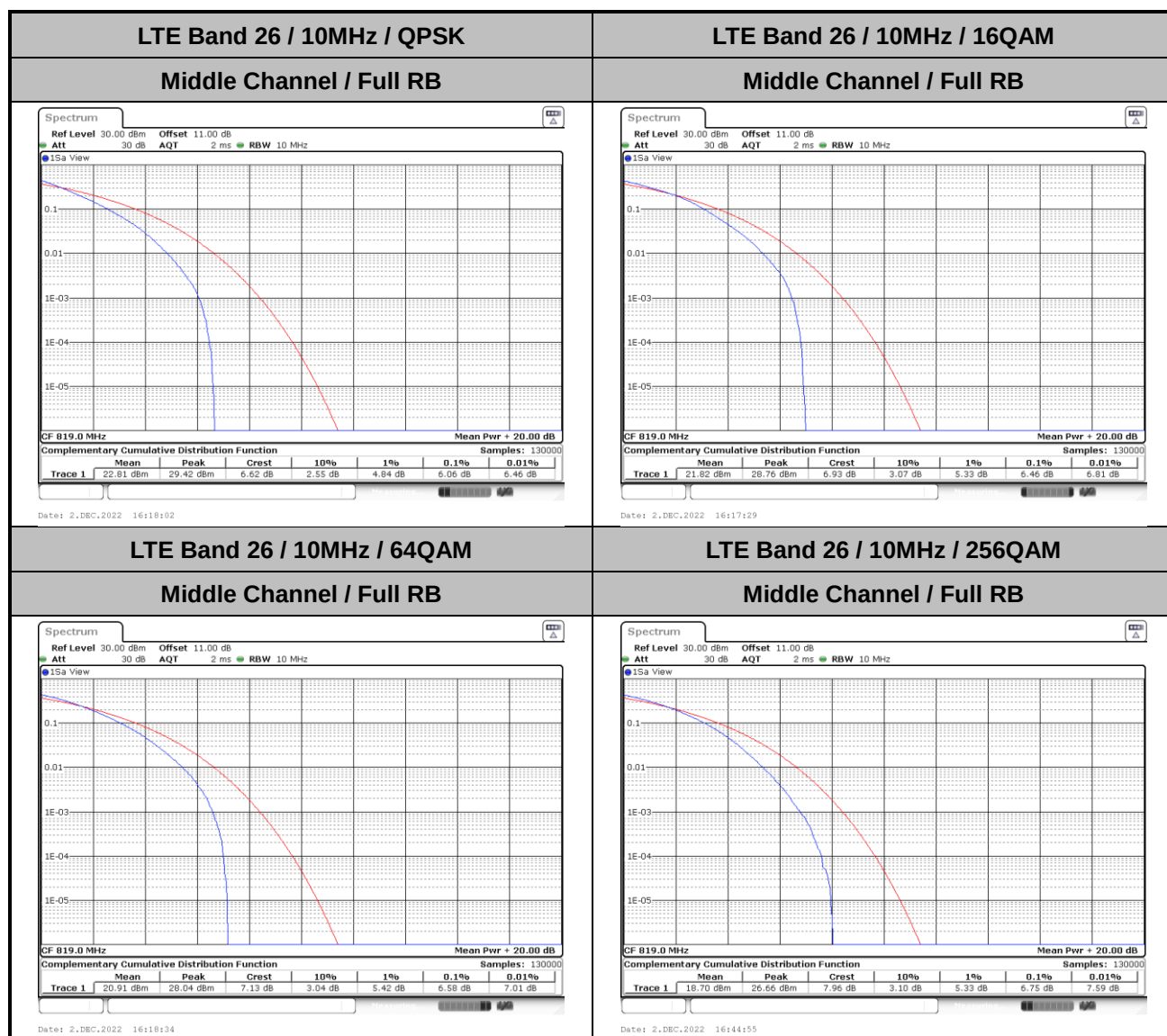
1. Normal Voltage = 3.88 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 90S

Peak-to-Average Ratio

Mode	LTE Band 26 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.06	6.46	6.58	6.75	PASS



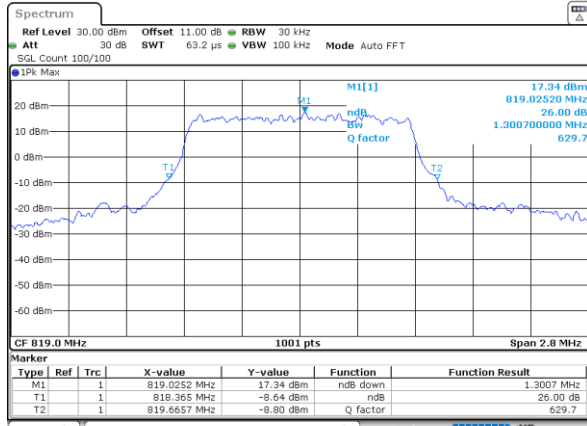
**26dB Bandwidth**

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
Low CH	-	-	-	-	-	-	-	-	14.96	14.39	-	-
Middle CH	1.30	1.32	3.22	3.19	4.99	5.21	9.81	9.89	-	-	-	-
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	-	-	-	-	-	-	-	-	14.75	14.69	-	-
Middle CH	1.29	1.29	3.13	3.07	5.14	5.18	10.01	9.97	-	-	-	-



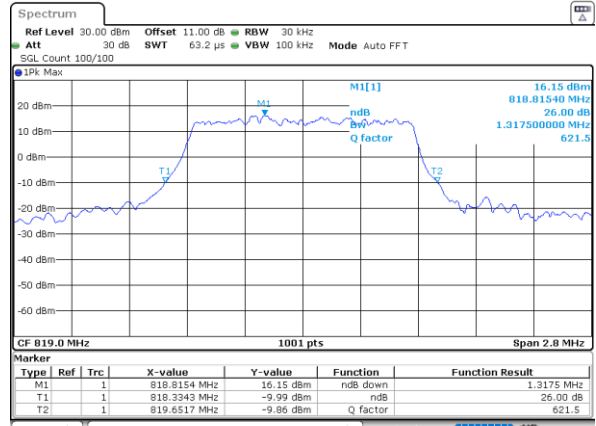
LTE Band 26

Middle Channel / 1.4MHz / QPSK



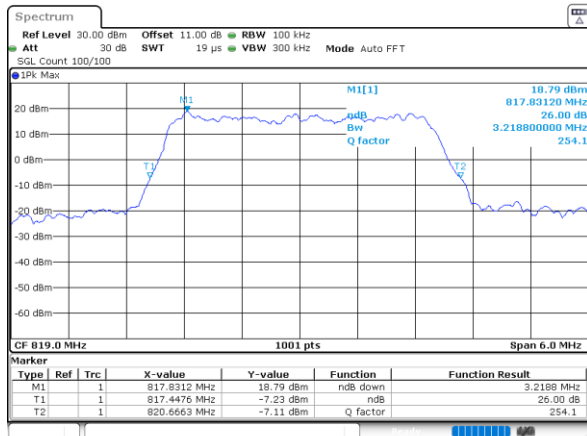
Date: 2,DEC,2022 15:44:00

Middle Channel / 1.4MHz / 16QAM



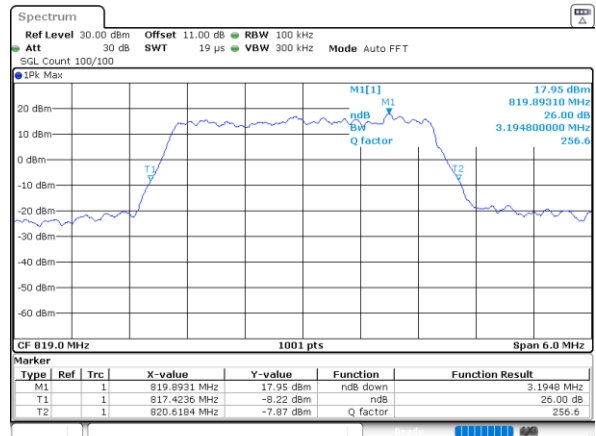
Date: 2,DEC,2022 15:44:30

Middle Channel / 3MHz / QPSK



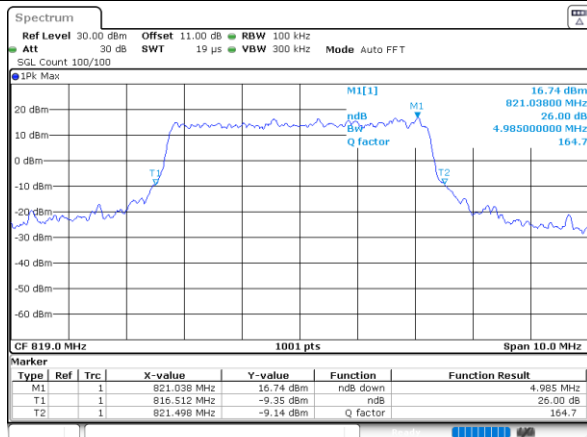
Date: 2,DEC,2022 16:01:16

Middle Channel / 3MHz / 16QAM



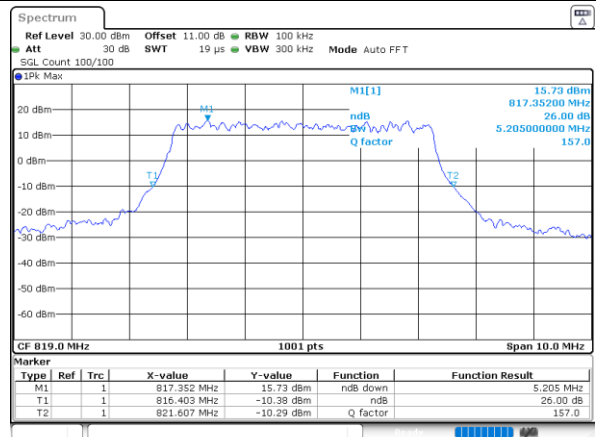
Date: 2,DEC,2022 16:01:47

Middle Channel / 5MHz / QPSK



Date: 2,DEC,2022 16:08:03

Middle Channel / 5MHz / 16QAM

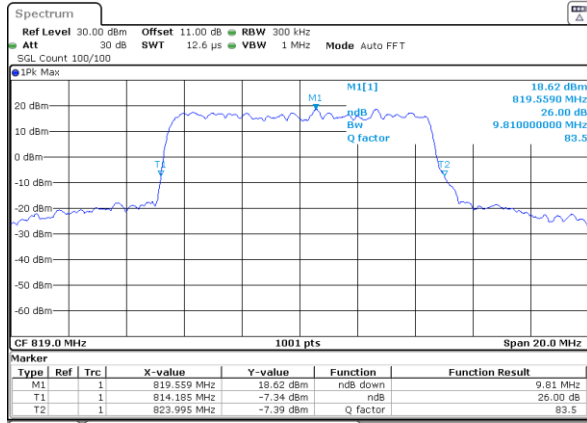


Date: 2,DEC,2022 16:08:33



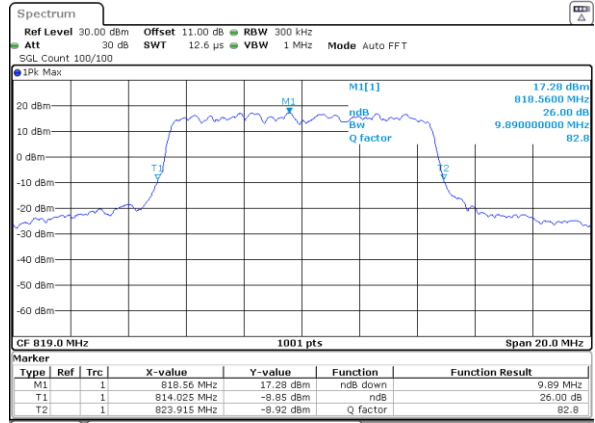
LTE Band 26

Middle Channel / 10MHz / QPSK



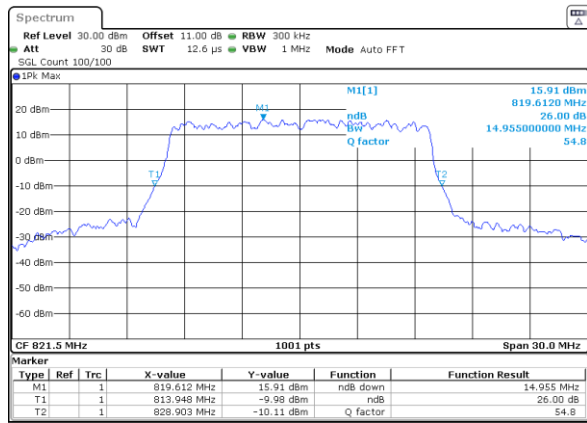
Date: 2,DEC,2022 16:16:45

Middle Channel / 10MHz / 16QAM



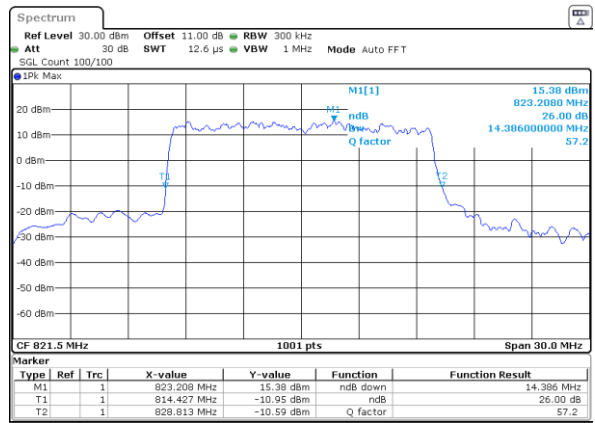
Date: 2,DEC,2022 16:17:14

Low Channel / 15MHz / QPSK



Date: 2,DEC,2022 16:28:49

Low Channel / 15MHz / 16QAM

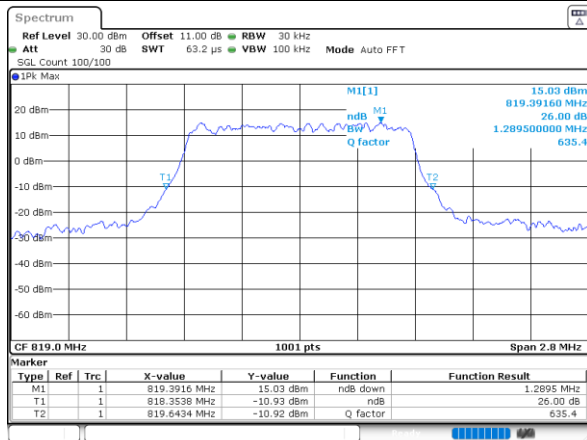


Date: 2,DEC,2022 16:28:06

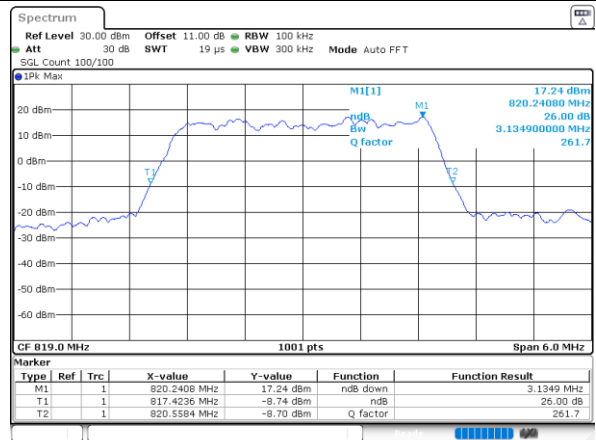


LTE Band 26

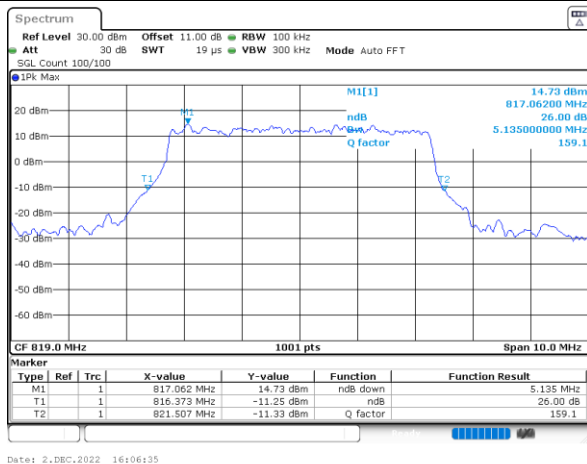
Middle Channel / 1.4MHz / 64QAM



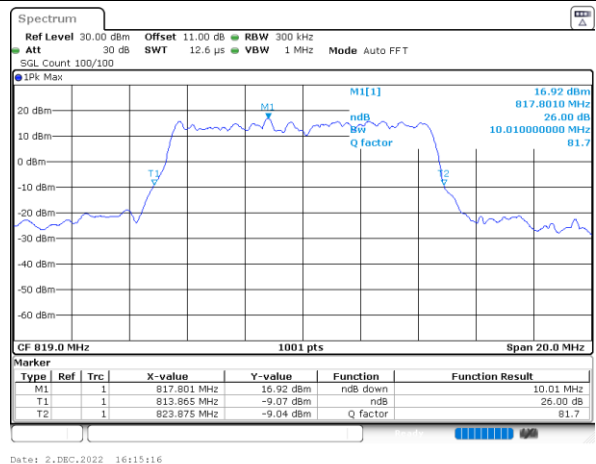
Middle Channel / 3MHz / 64QAM



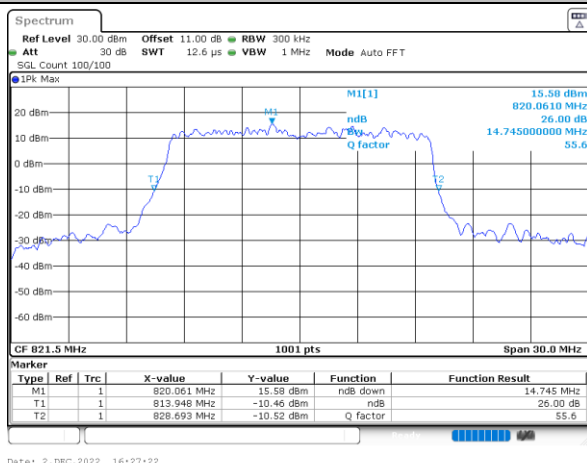
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



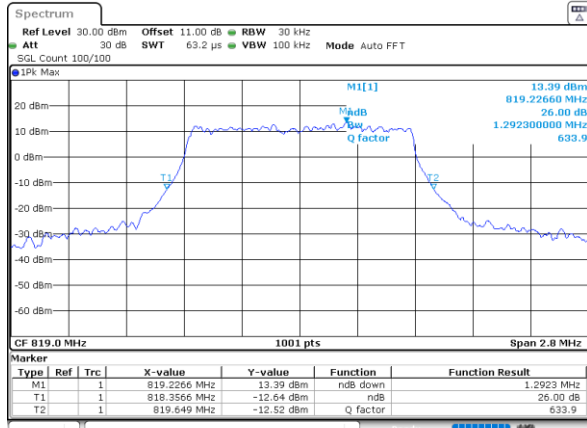
Low Channel / 15MHz / 64QAM





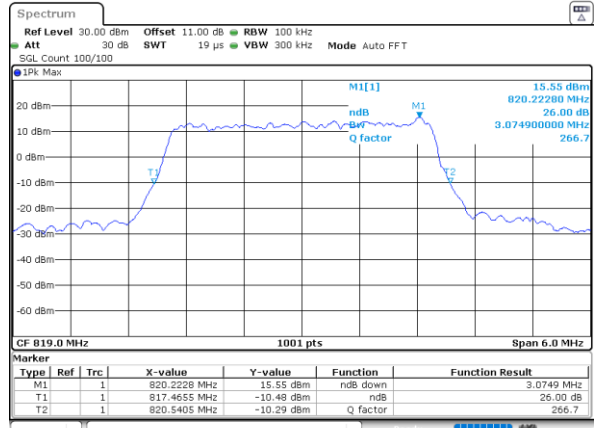
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



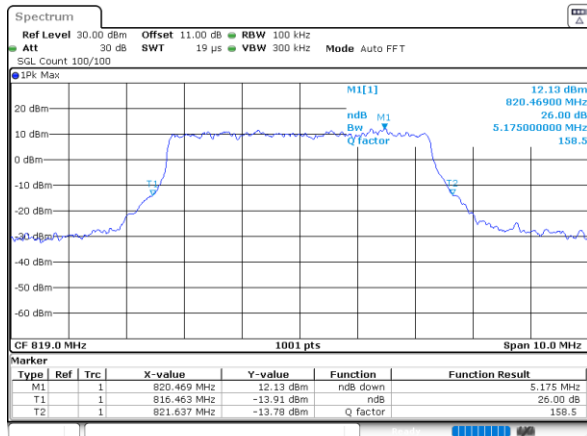
Date: 2,DEC,2022 16:29:38

Middle Channel / 3MHz / 256QAM



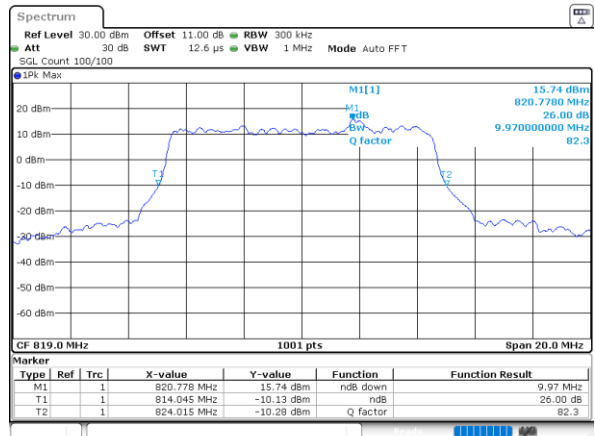
Date: 2,DEC,2022 16:36:29

Middle Channel / 5MHz / 256QAM



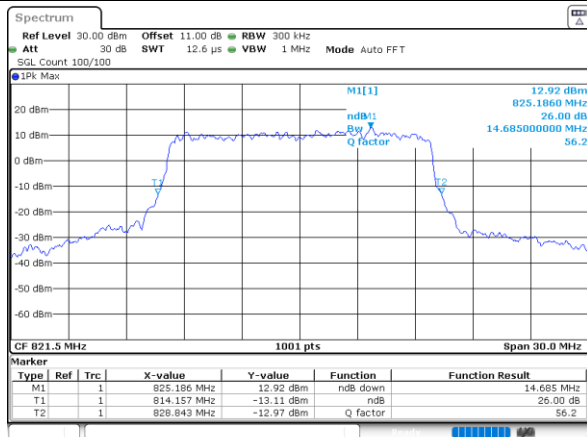
Date: 2,DEC,2022 16:39:16

Middle Channel / 10MHz / 256QAM



Date: 2,DEC,2022 16:42:03

Low Channel / 5MHz / 256QAM



Date: 2,DEC,2022 16:44:20

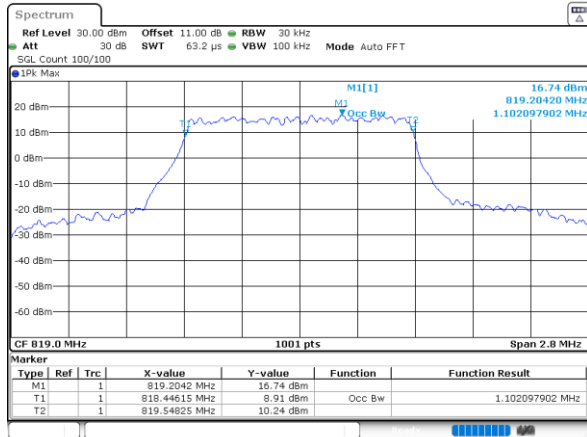
**Occupied Bandwidth**

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	-	-	-	-	-	-	-	-	13.43	13.37	-	-
Middle CH	1.10	1.12	2.72	2.72	4.50	4.51	9.07	9.05	-	-	-	-
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	-	-	-	-	-	-	-	-	13.40	13.34	-	-
Middle CH	1.10	1.09	2.75	2.73	4.49	4.50	9.01	9.09	-	-	-	-

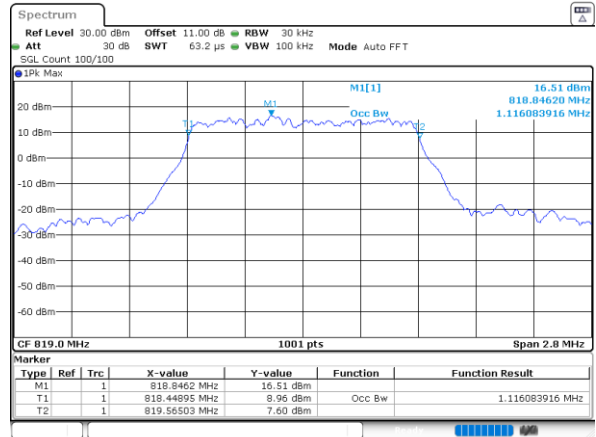


LTE Band 26

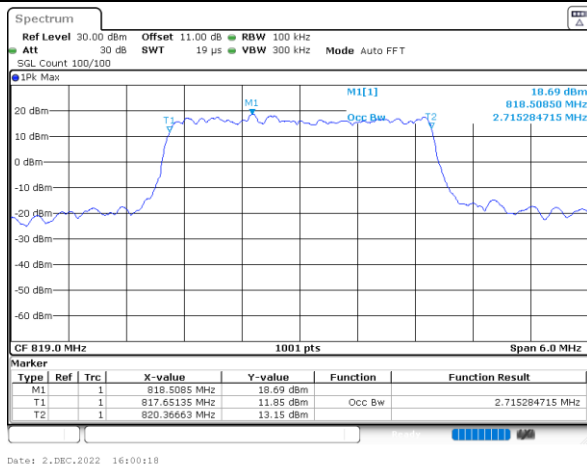
Middle Channel / 1.4MHz / QPSK



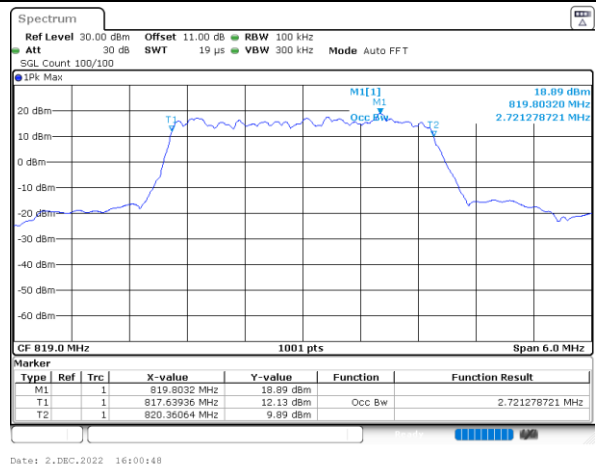
Middle Channel / 1.4MHz / 16QAM



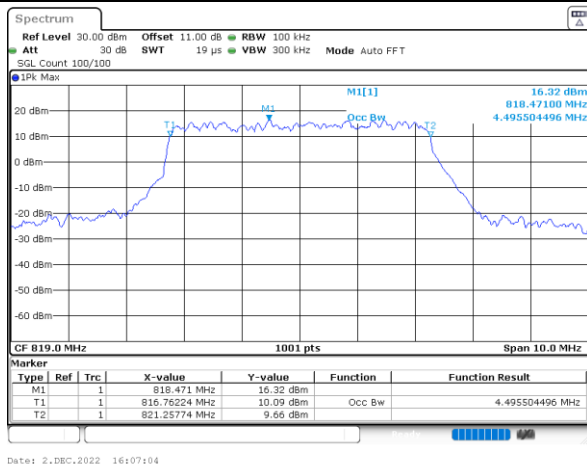
Middle Channel / 3MHz / QPSK



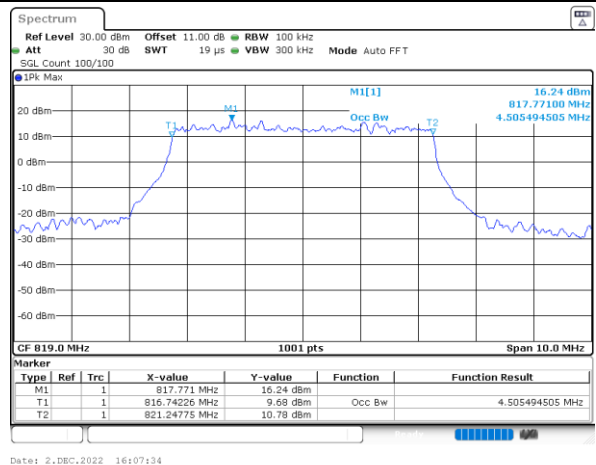
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



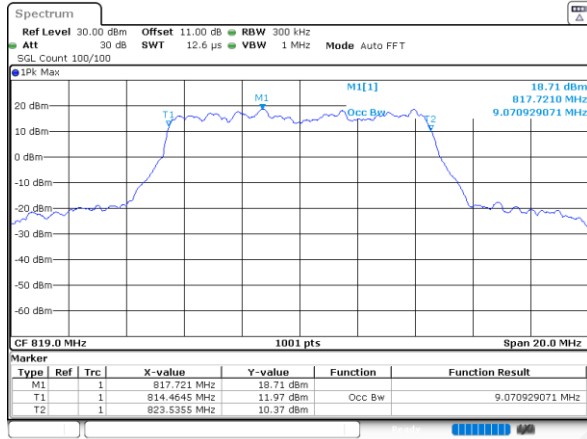
Middle Channel / 5MHz / 16QAM



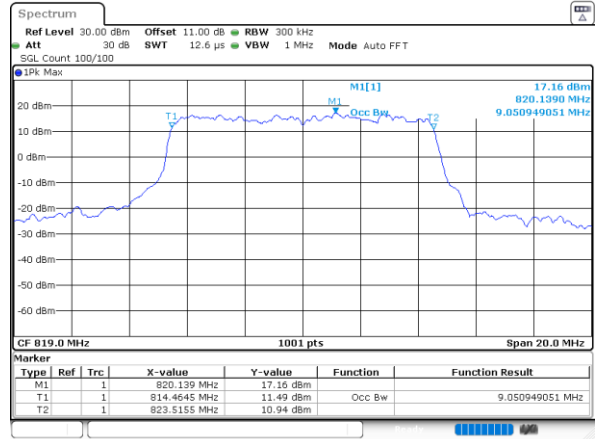


LTE Band 26

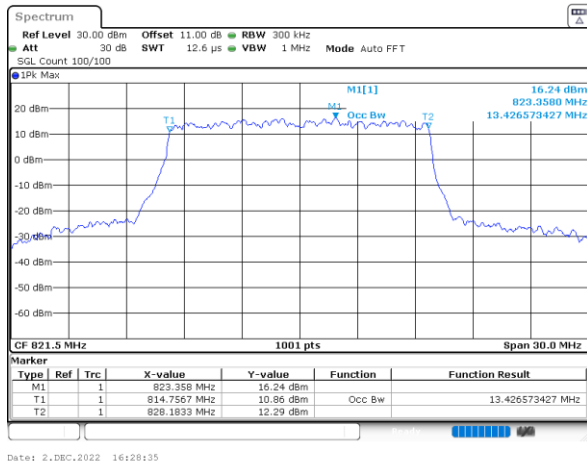
Middle Channel / 10MHz / QPSK



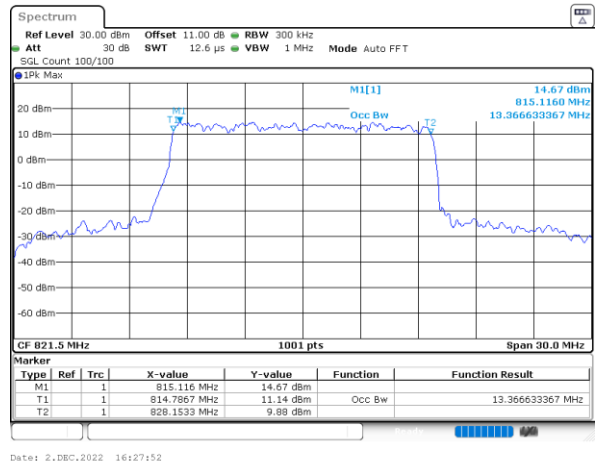
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK



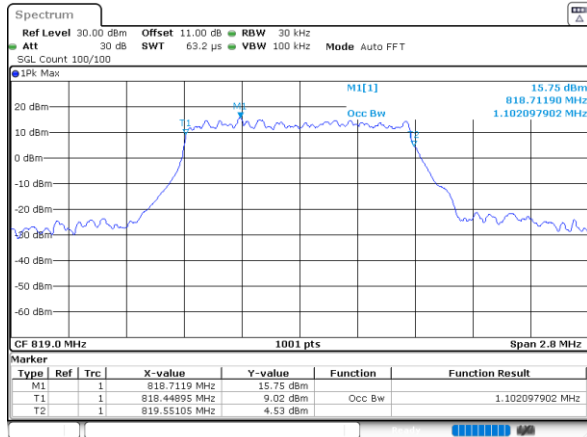
Low Channel / 15MHz / 16QAM



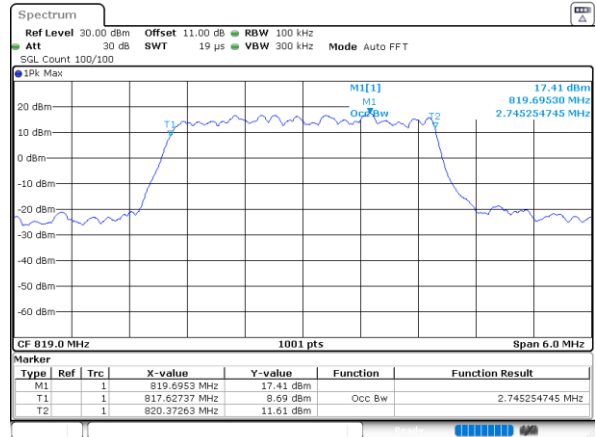


LTE Band 26

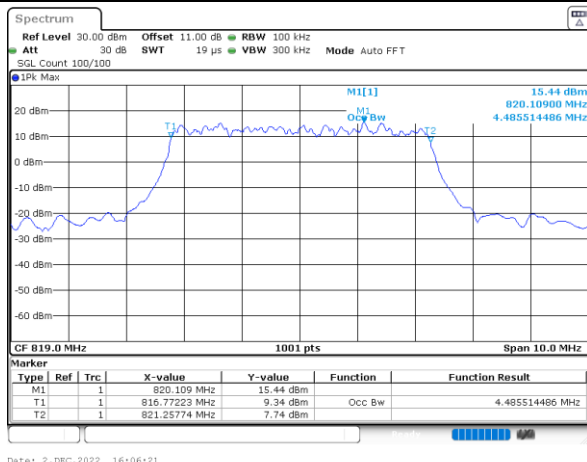
Middle Channel / 1.4MHz / 64QAM



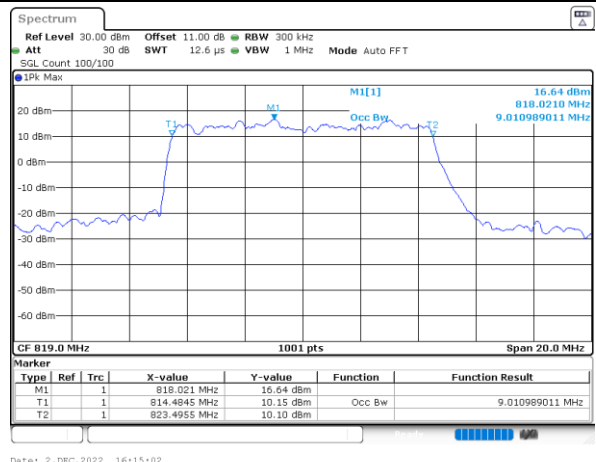
Middle Channel / 3MHz / 64QAM



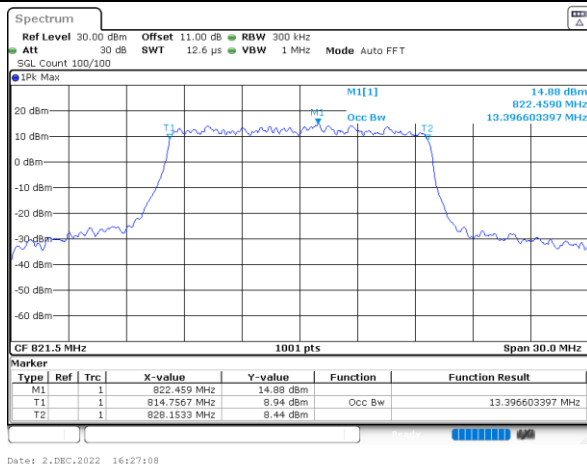
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



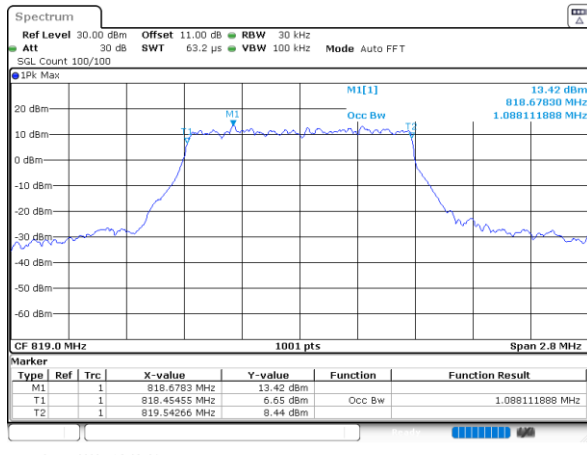
Low Channel / 5MHz / 64QAM



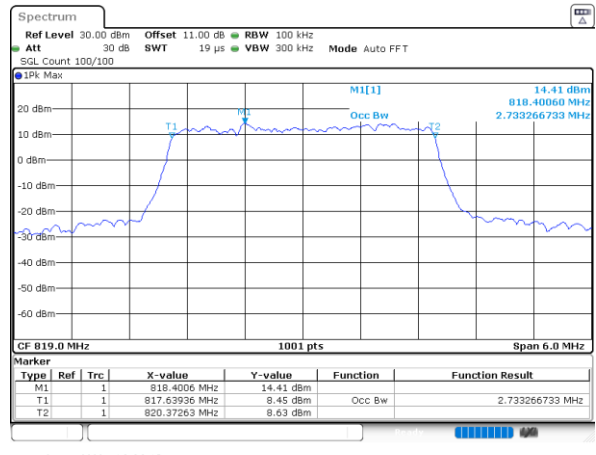


LTE Band 26

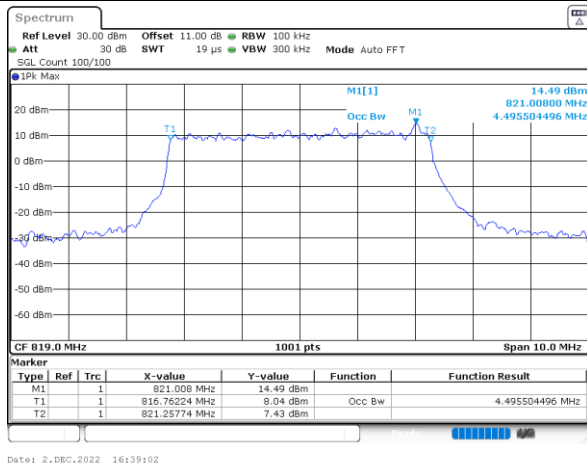
Middle Channel / 1.4MHz / 256QAM



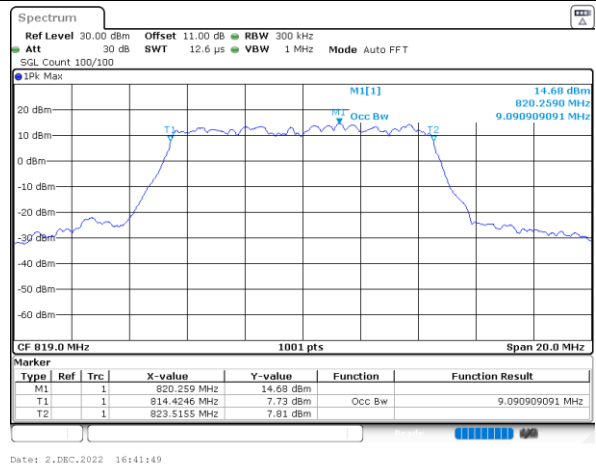
Middle Channel / 3MHz / 256QAM



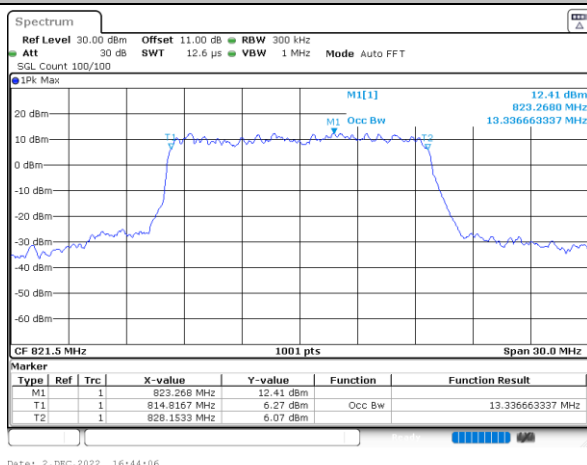
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Low Channel / 15MHz / 256QAM

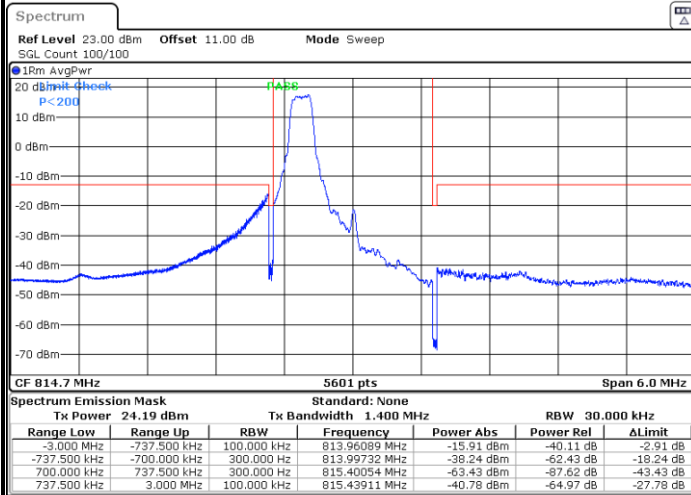




Emission masks – In-band emissions

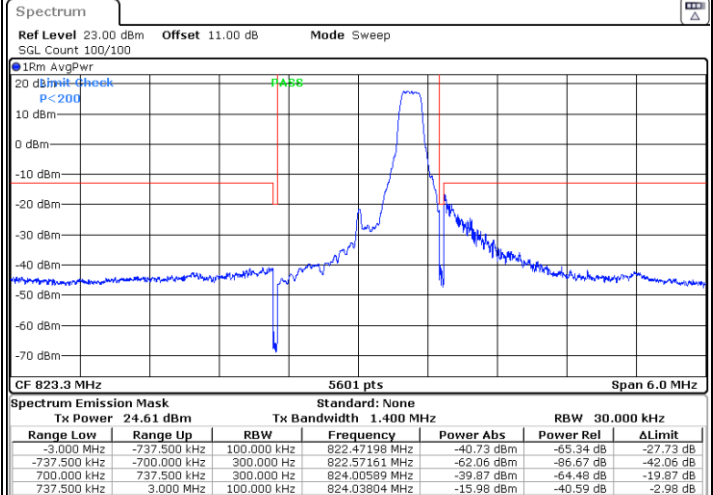
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



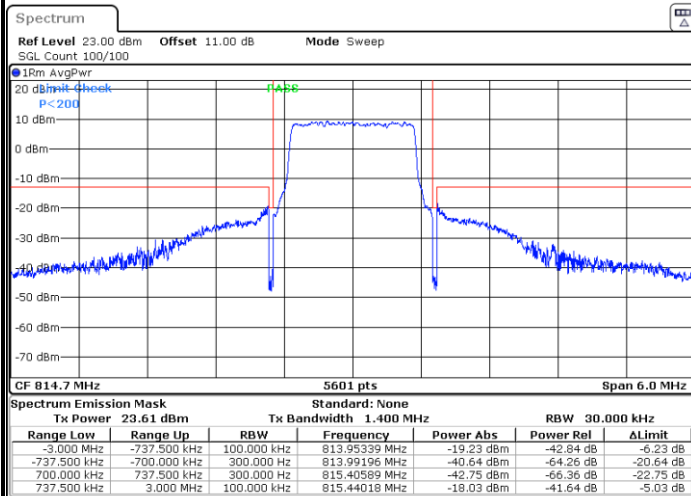
Date: 7.DEC.2022 19:11:11

Highest Band Edge / 1RB



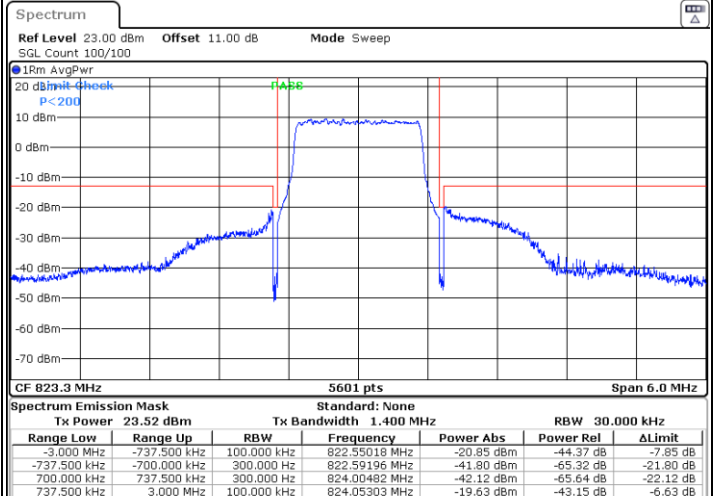
Date: 2.DEC.2022 15:52:04

Lowest Band Edge / Full RB



Date: 2.DEC.2022 15:50:07

Highest Band Edge / Full RB

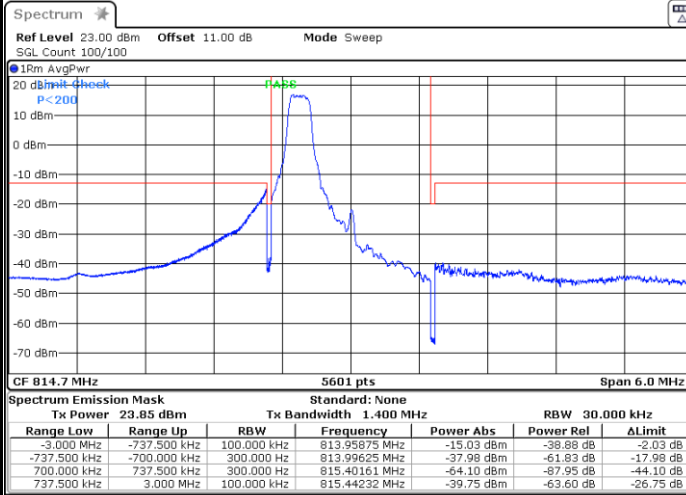


Date: 2.DEC.2022 15:54:03

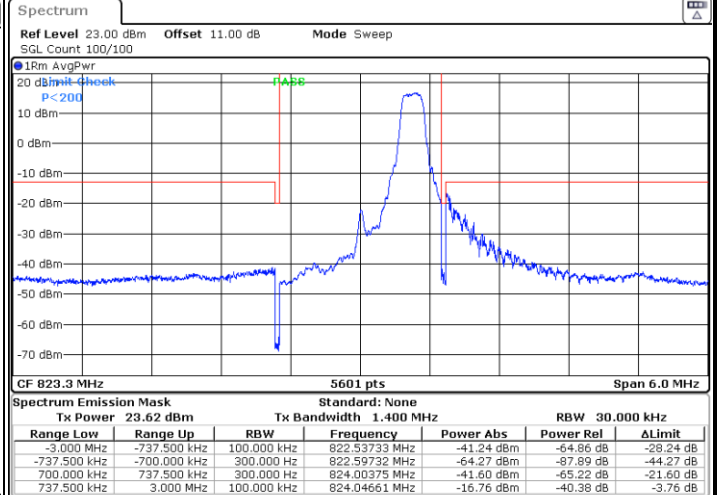


LTE Band 26 / 1.4MHz / 16QAM

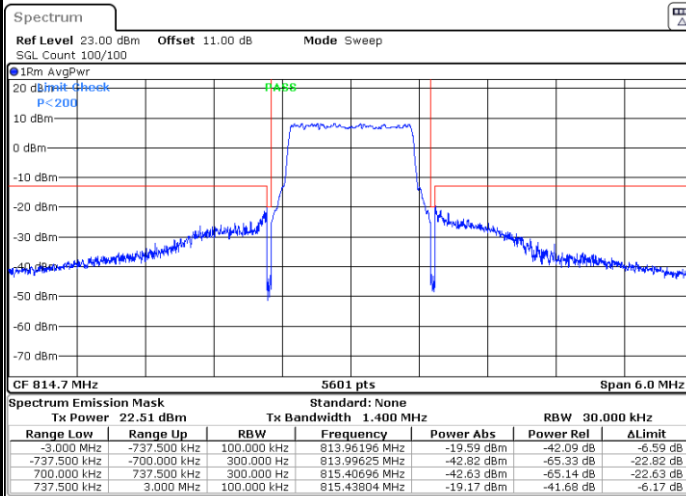
Lowest Band Edge / 1 RB



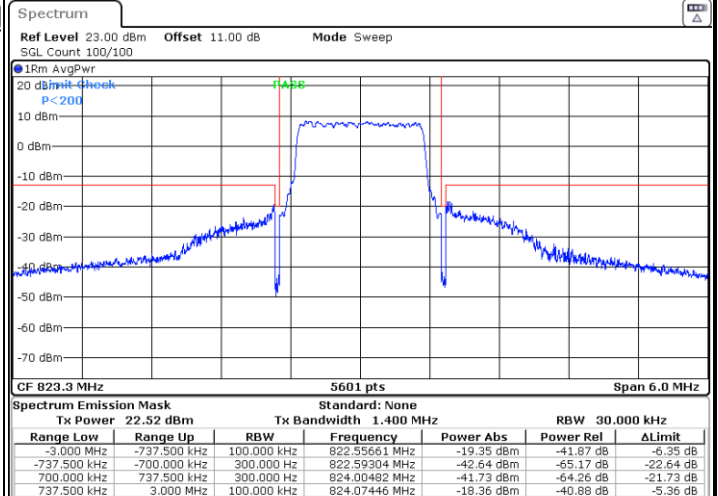
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



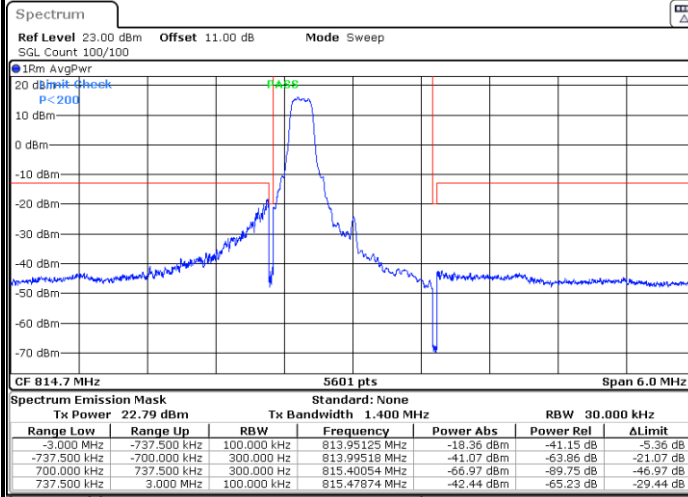
Highest Band Edge / Full RB



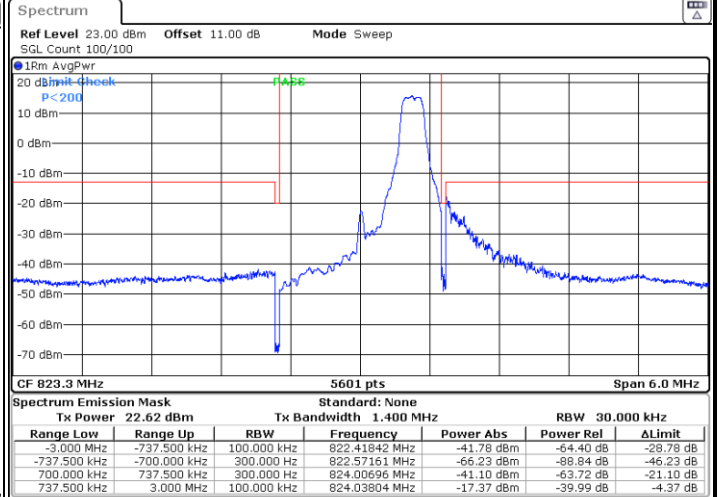


LTE Band 26 / 1.4MHz / 64QAM

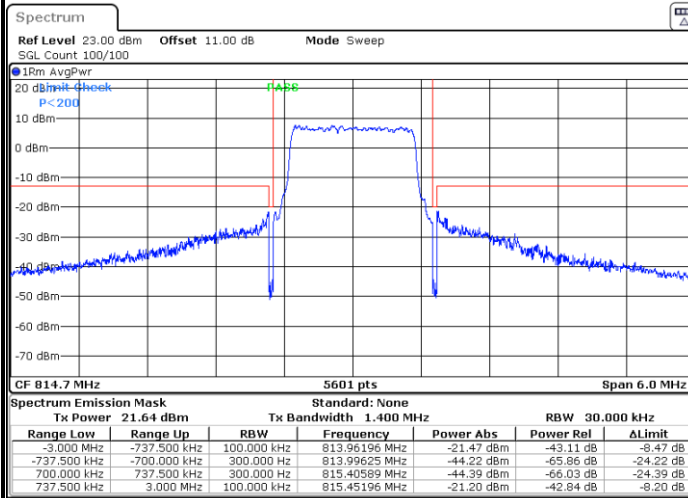
Lowest Band Edge / 1 RB



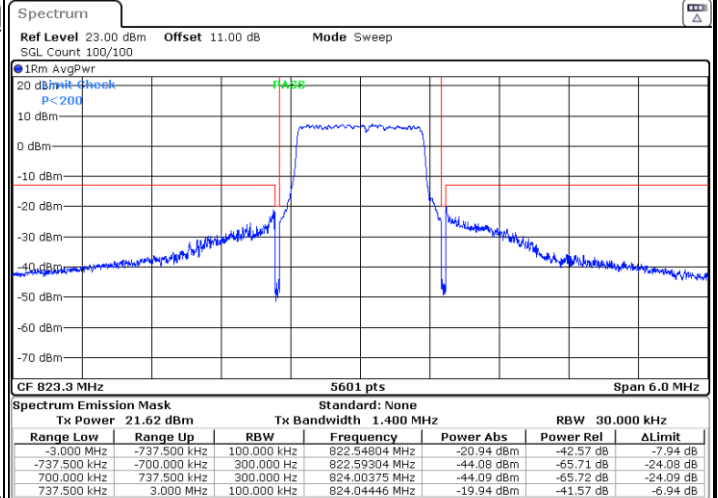
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



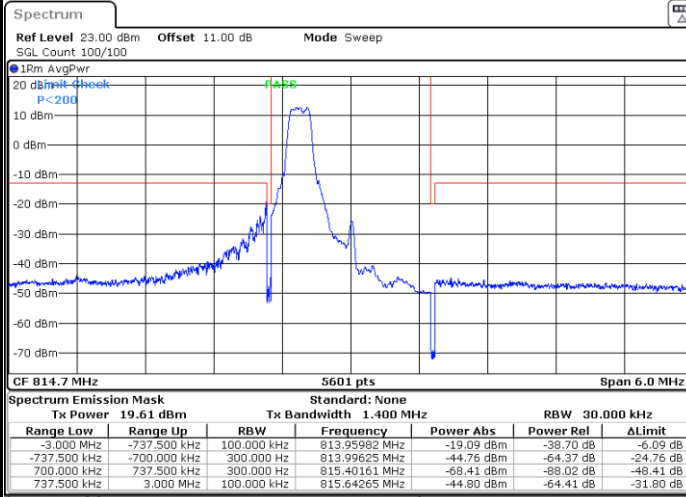
Highest Band Edge / Full RB



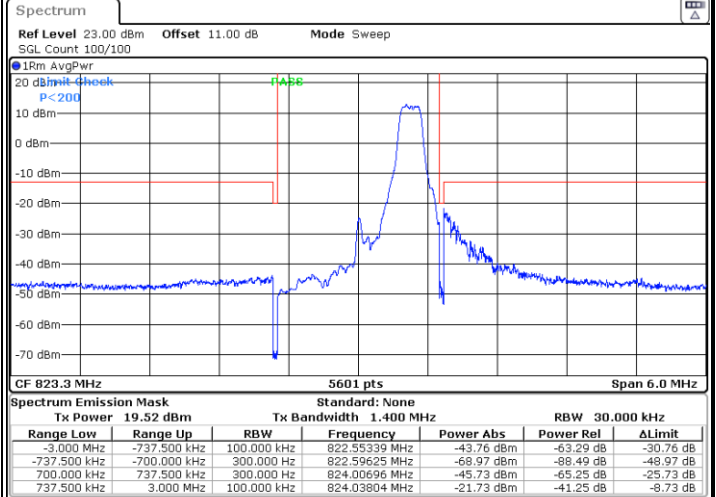


LTE Band 26 / 1.4MHz / 256QAM

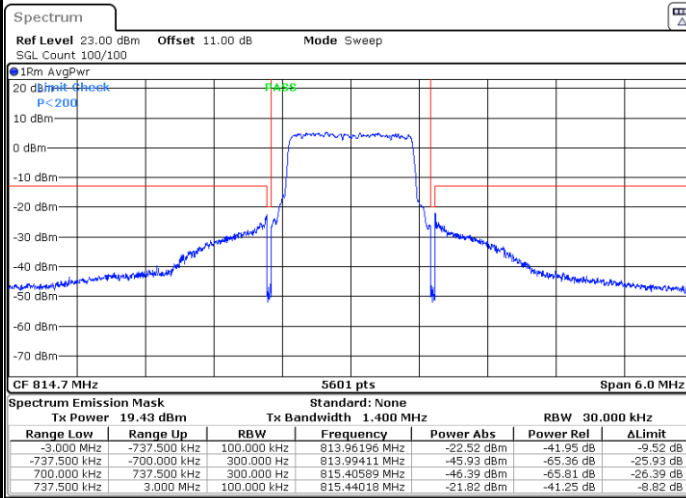
Lowest Band Edge / 1 RB



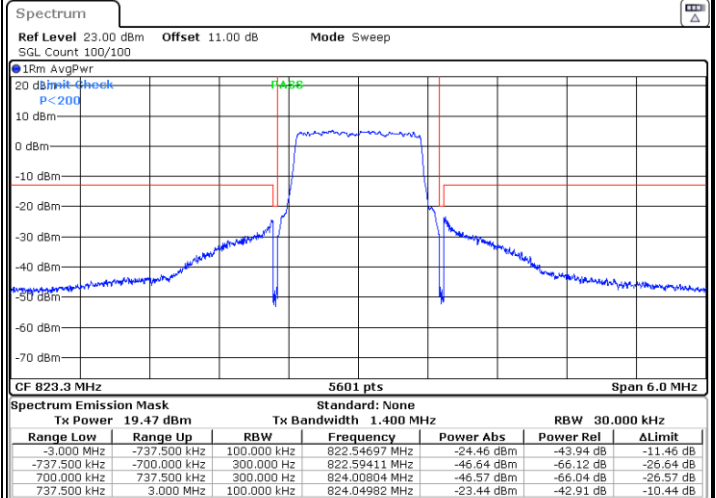
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



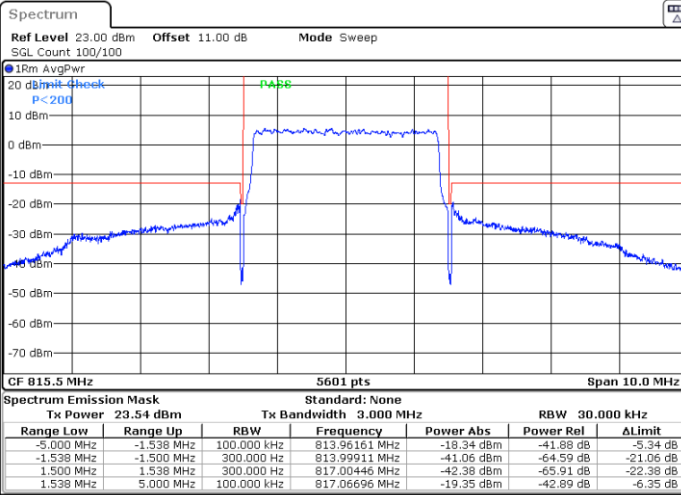
Highest Band Edge / Full RB



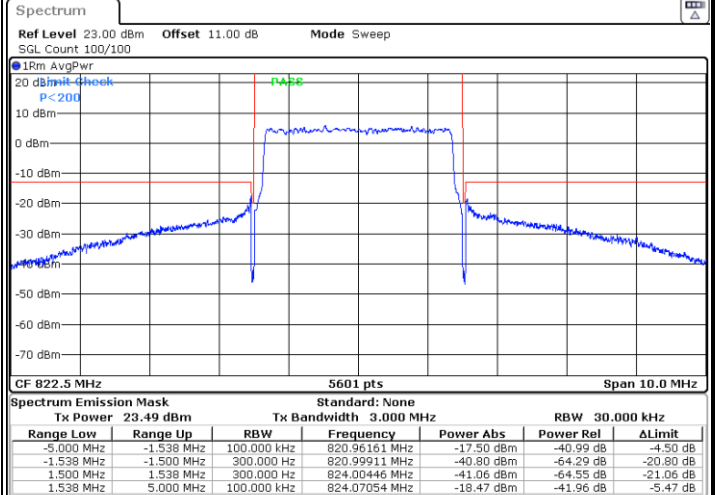


LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / Full RB

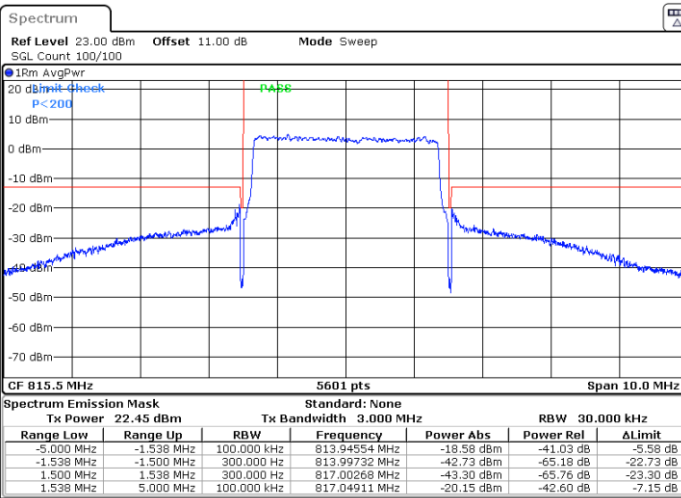


Highest Band Edge / Full RB

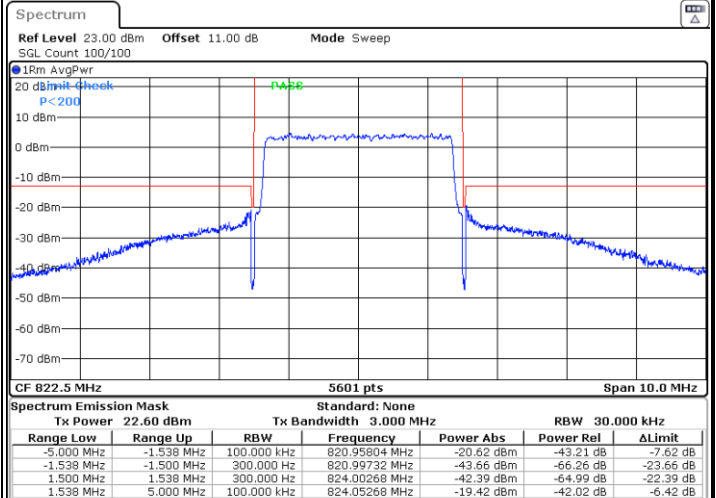


LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / Full RB



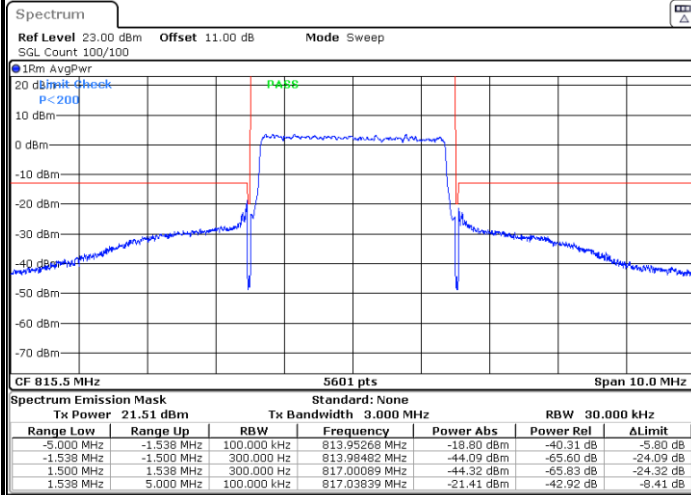
Highest Band Edge / Full RB



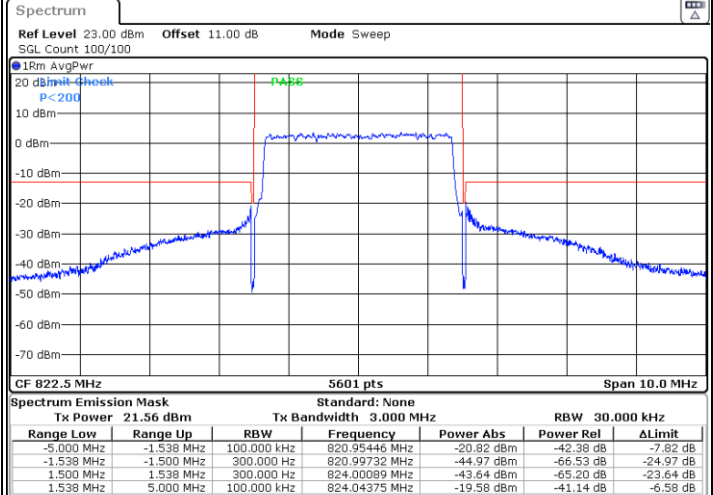


LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / Full RB

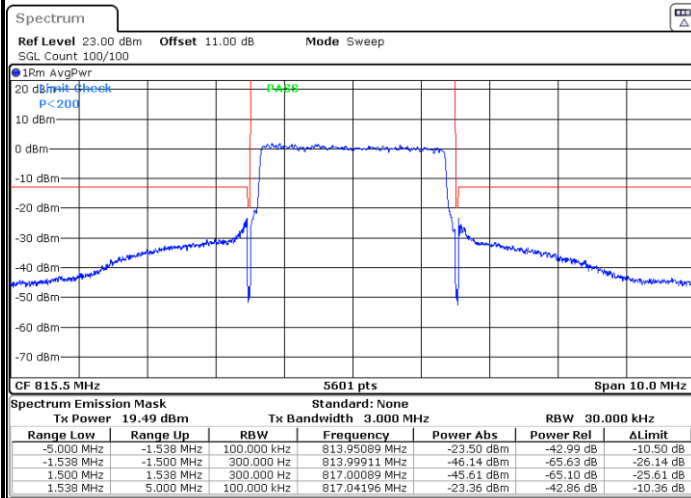


Highest Band Edge / Full RB

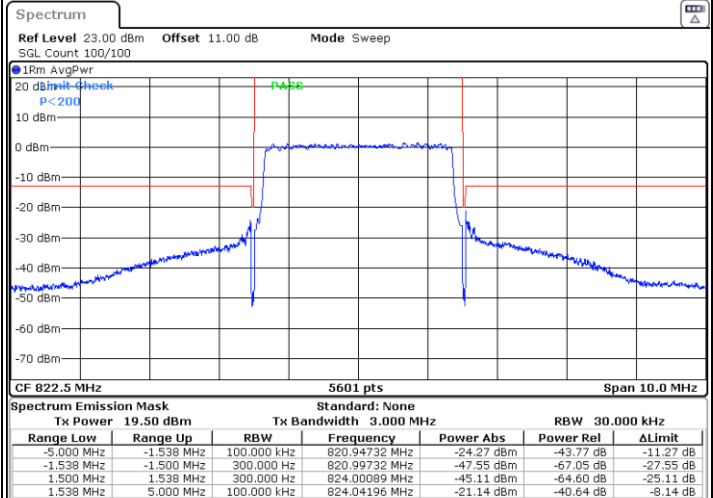


LTE Band 26 / 3MHz / 256QAM

Lowest Band Edge / Full RB



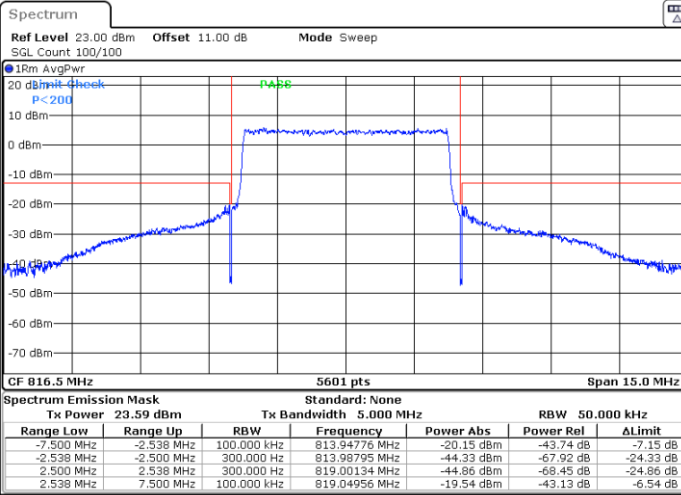
Highest Band Edge / Full RB



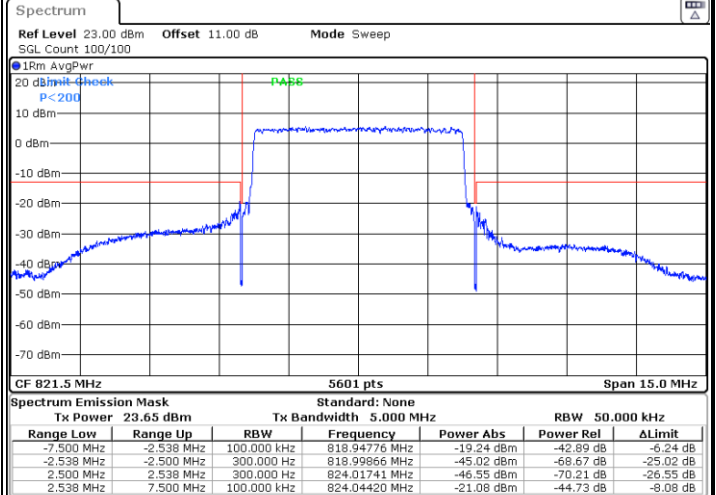


LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / Full RB

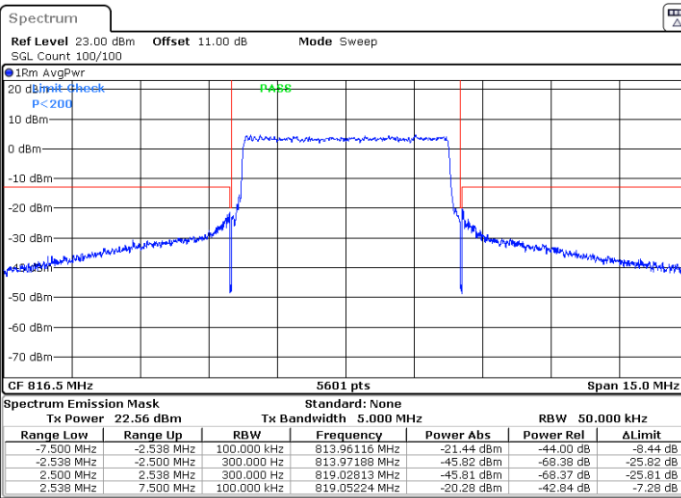


Highest Band Edge / Full RB

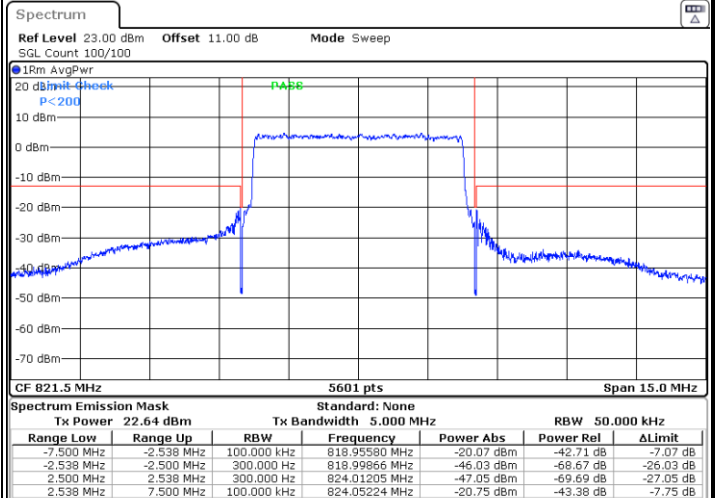


LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

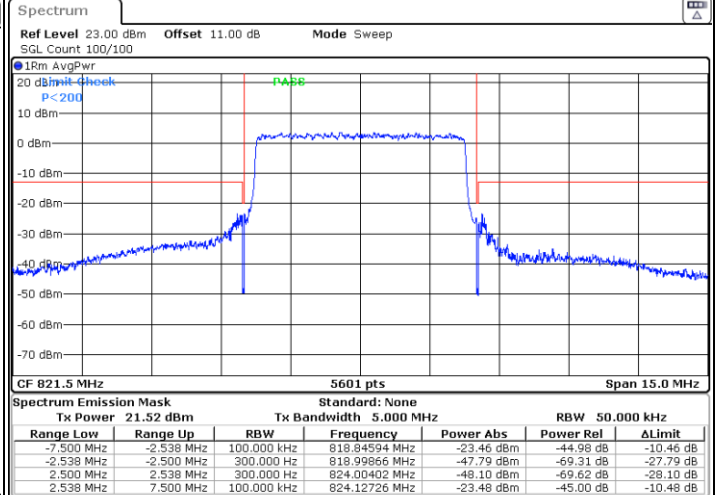
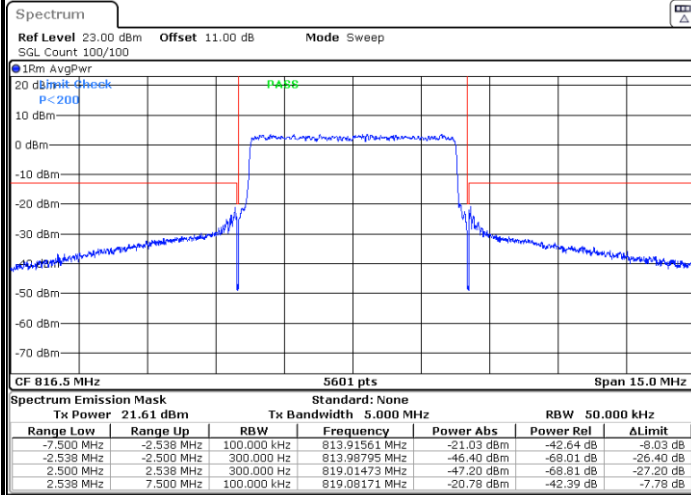




LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / Full RB

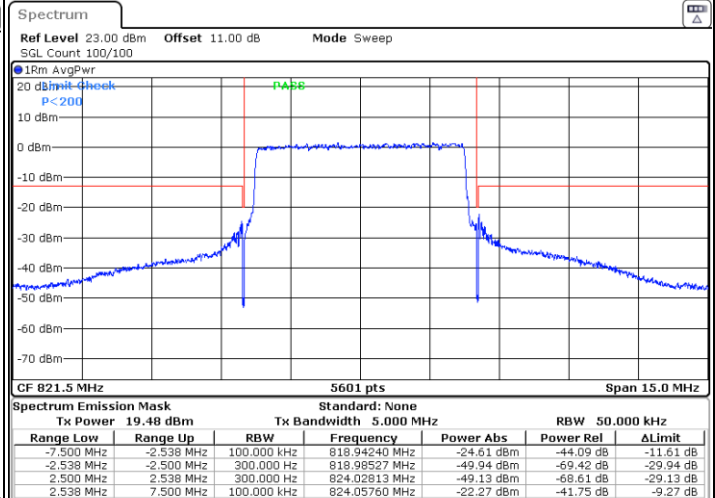
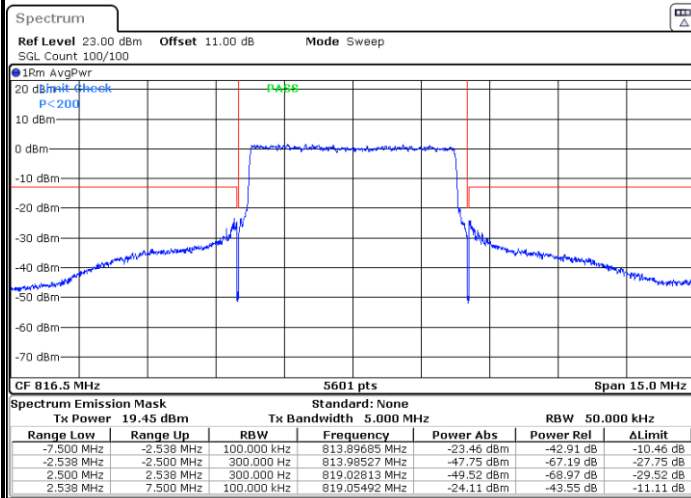
Highest Band Edge / Full RB



LTE Band 26 / 5MHz / 256QAM

Lowest Band Edge / Full RB

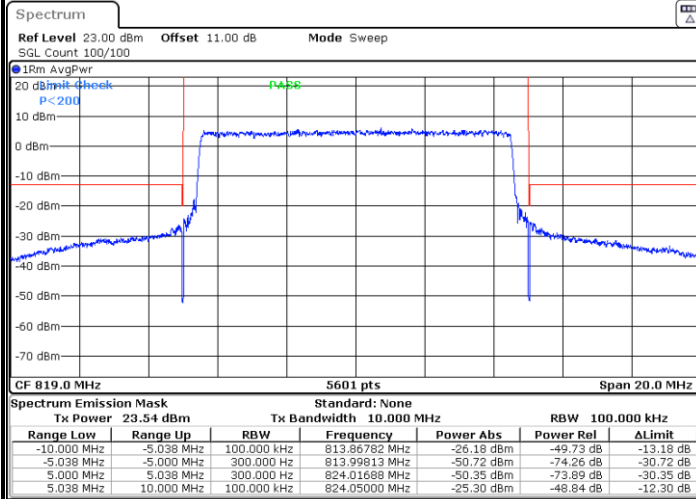
Highest Band Edge / Full RB





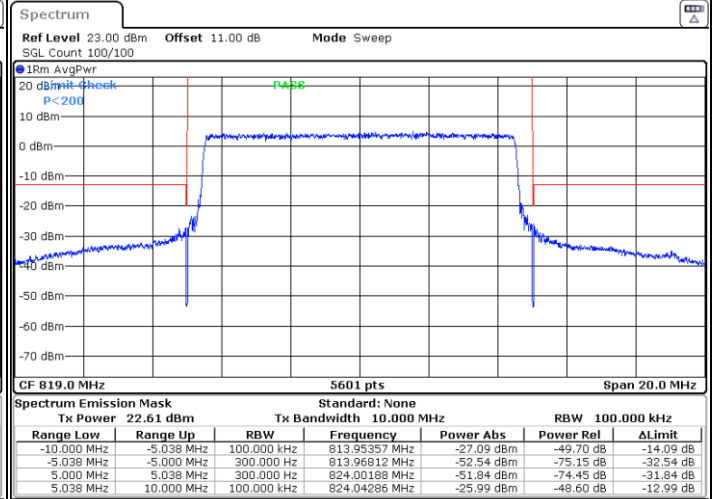
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / Full RB



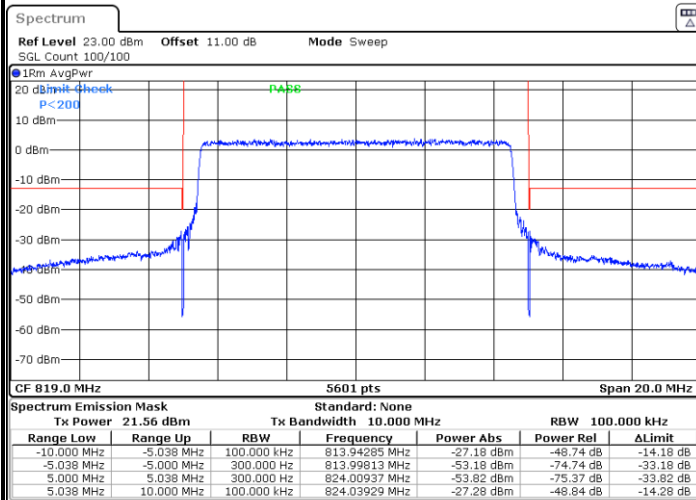
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / Full RB



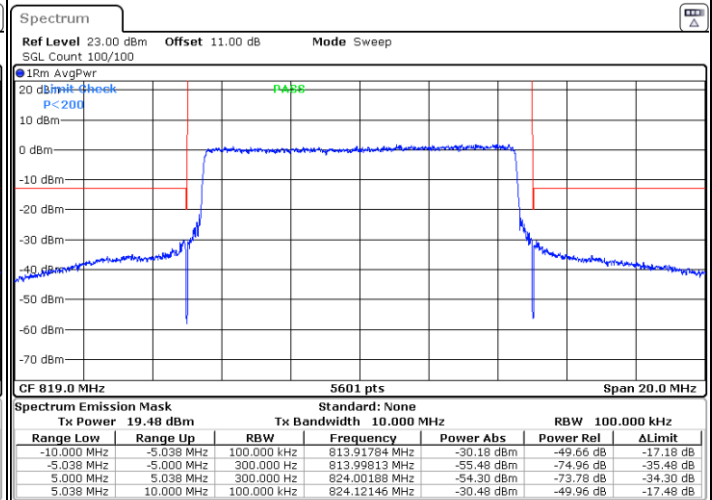
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / Full RB



LTE Band 26 / 10MHz / 256QAM

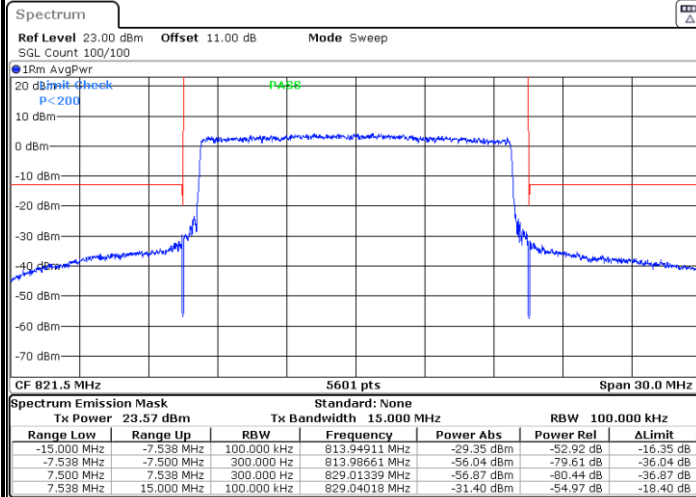
Lowest Band Edge / Full RB





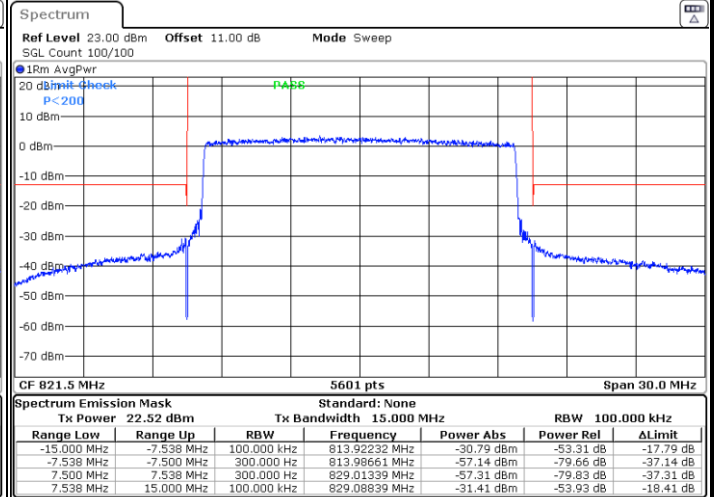
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / Full RB



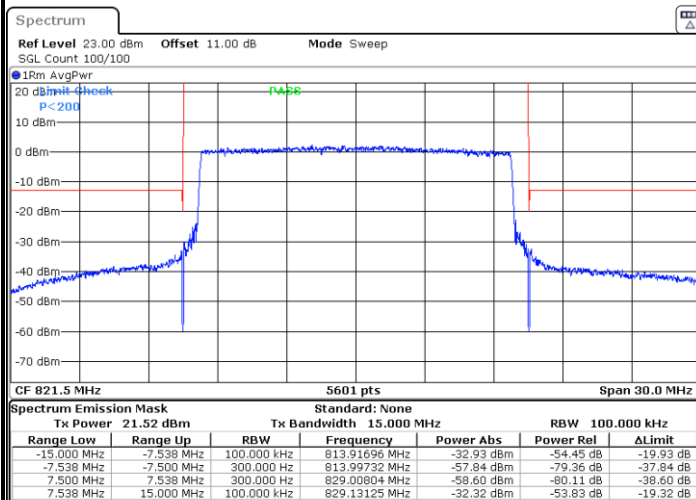
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / Full RB



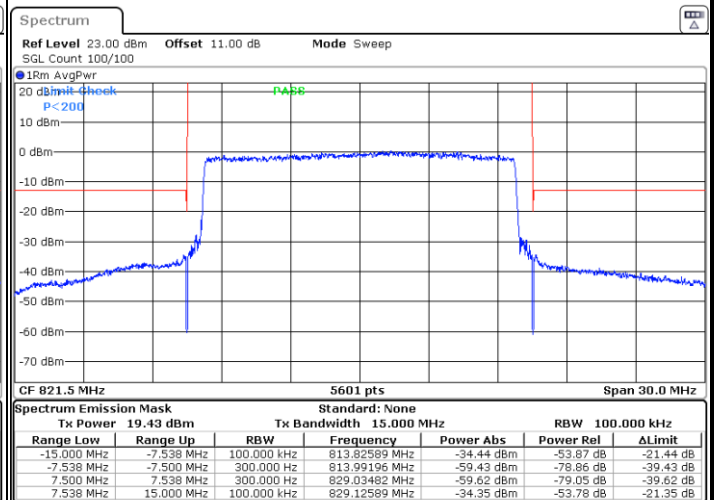
LTE Band 26 / 15MHz / 64QAM

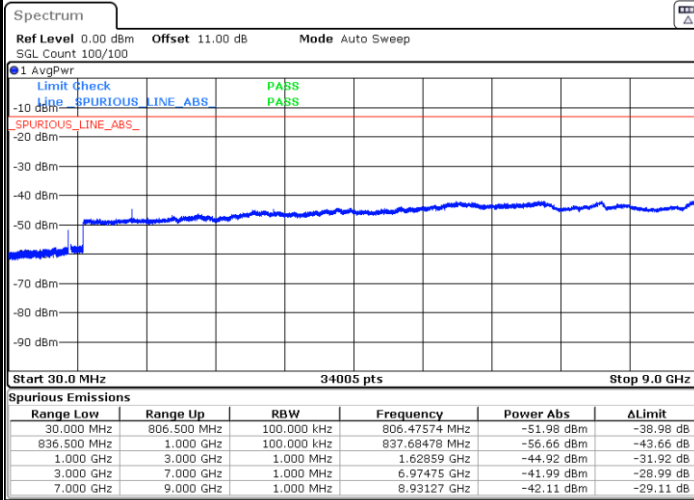
Lowest Band Edge / Full RB



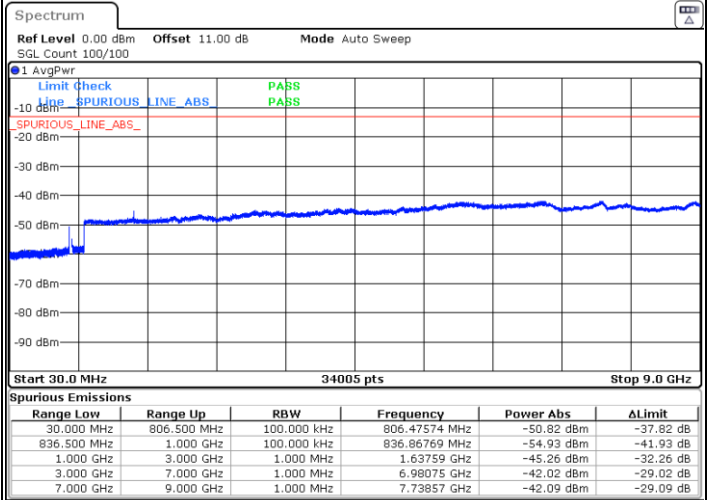
LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / Full RB

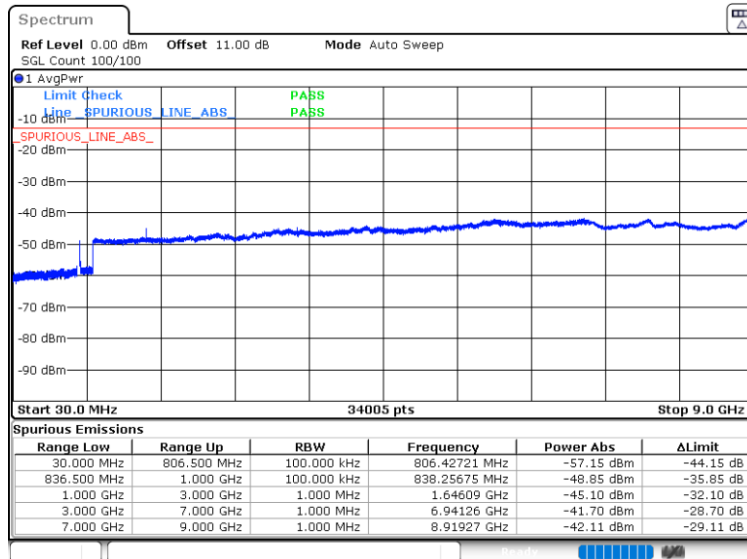


**Emission masks – Out of band emissions****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

Date: 2.DEC.2022 15:42:30

Middle Channel / QPSK

Date: 2.DEC.2022 15:45:50

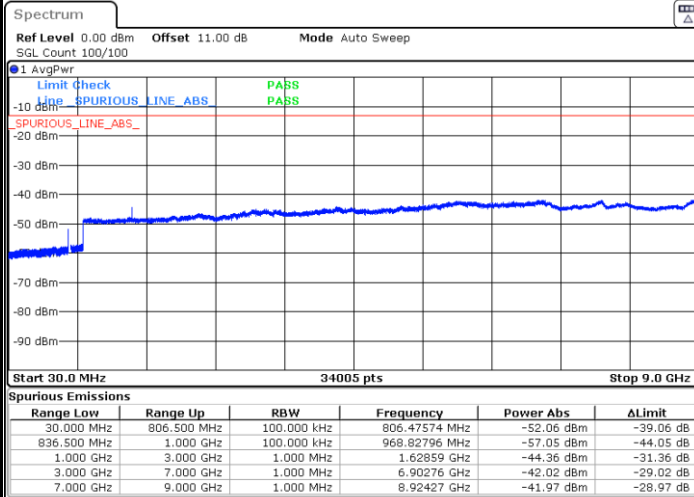
Highest Channel / QPSK

Date: 2.DEC.2022 15:47:11



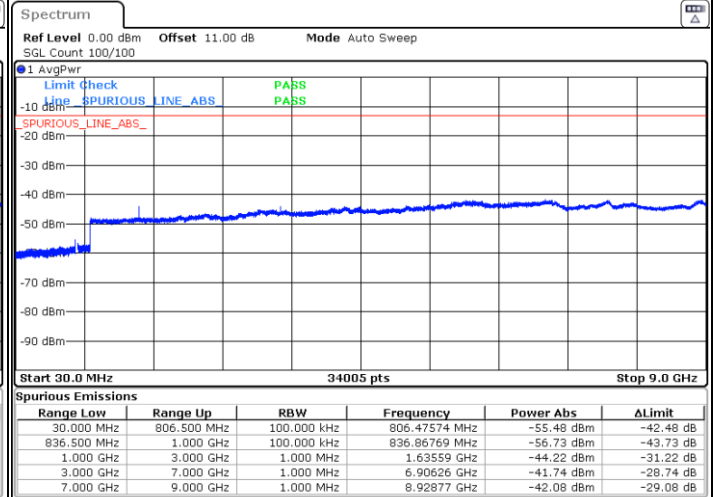
LTE Band 26 / 3MHz

Lowest Channel / QPSK



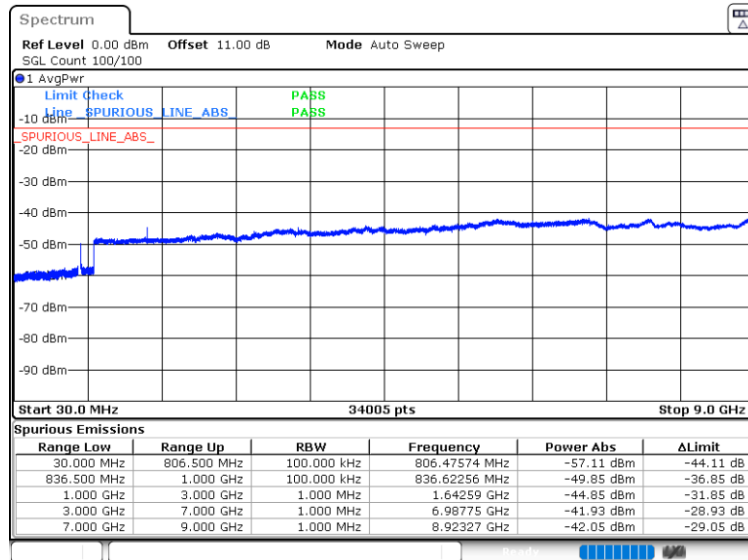
Date: 7.DEC.2022 19:59:18

Middle Channel / QPSK



Date: 7.DEC.2022 20:00:39

Highest Channel / QPSK

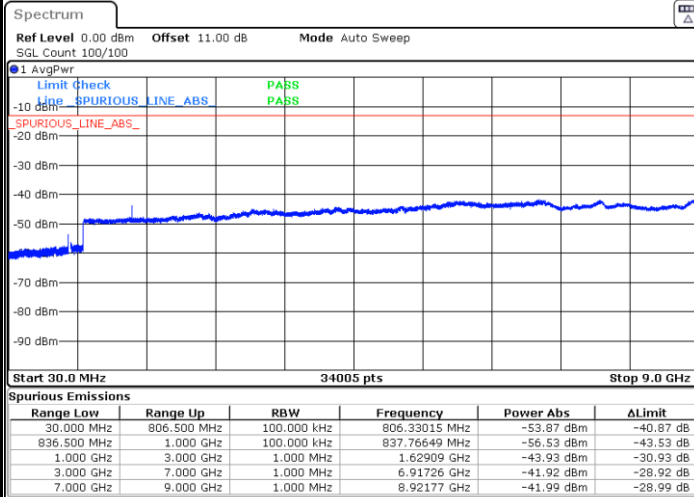


Date: 7.DEC.2022 20:01:59



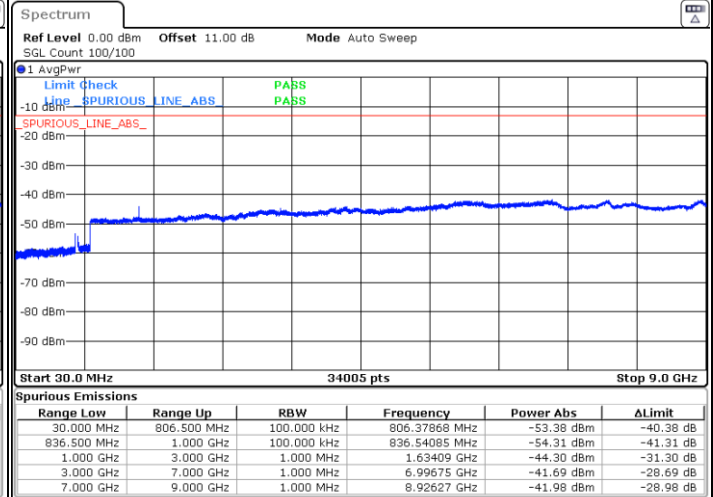
LTE Band 26 / 5MHz

Lowest Channel / QPSK



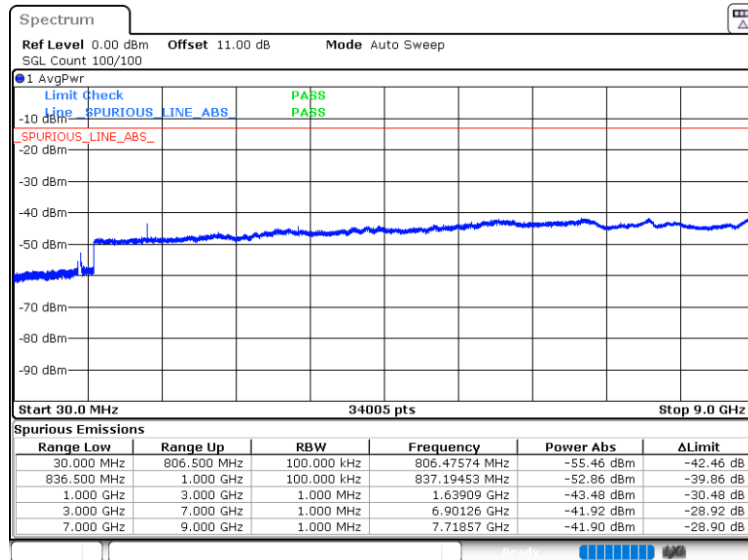
Date: 7.DEC.2022 20:05:17

Middle Channel / QPSK



Date: 7.DEC.2022 20:06:37

Highest Channel / QPSK

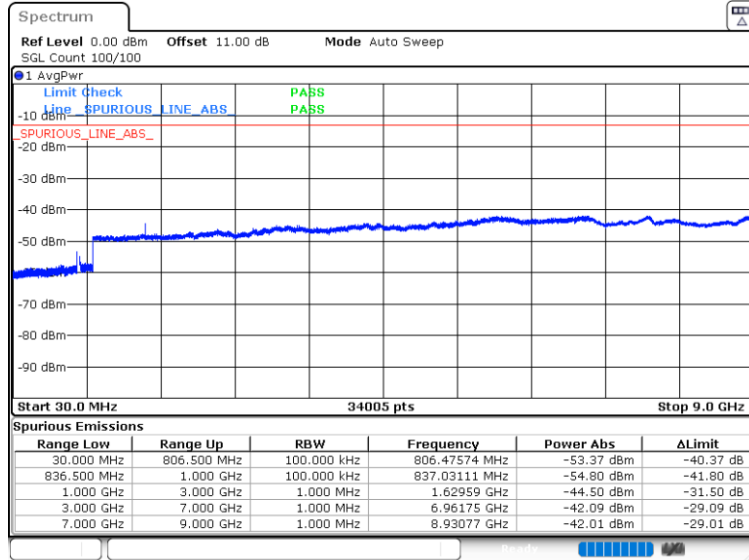


Date: 7.DEC.2022 20:07:57

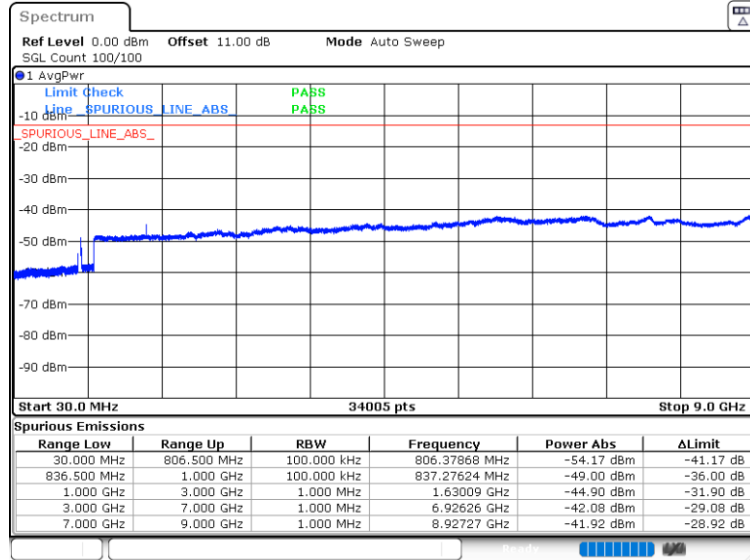


LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 7.DEC.2022 20:09:22

**LTE Band 26 / 15MHz****Middle Channel / QPSK**

Date: 7.DEC.2022 20:10:47

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	0.0158	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0151	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0121	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

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.



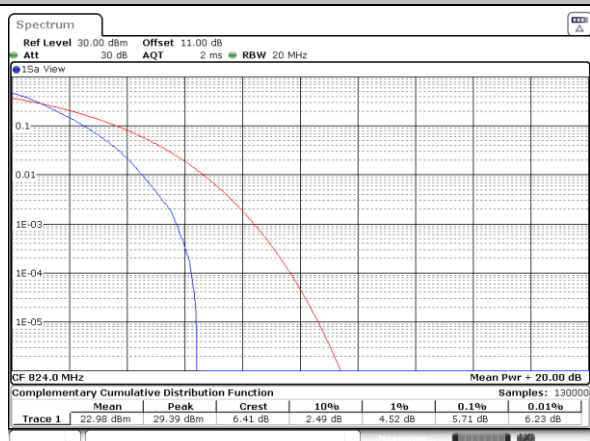
LTE Band 26_824MHz

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
Middle CH	5.71	6.03	6.26	6.67	PASS

LTE Band 26 / 15MHz / QPSK

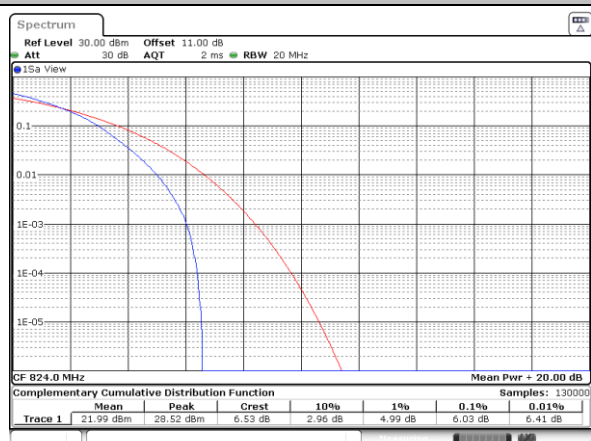
Middle Channel / Full RB



Date: 2.DEC.2022 17:18:48

LTE Band 26 / 15MHz / 16QAM

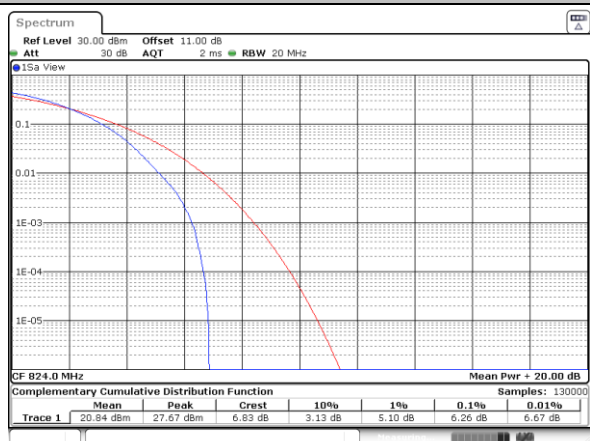
Middle Channel / Full RB



Date: 2.DEC.2022 17:19:20

LTE Band 26 / 15MHz / 64QAM

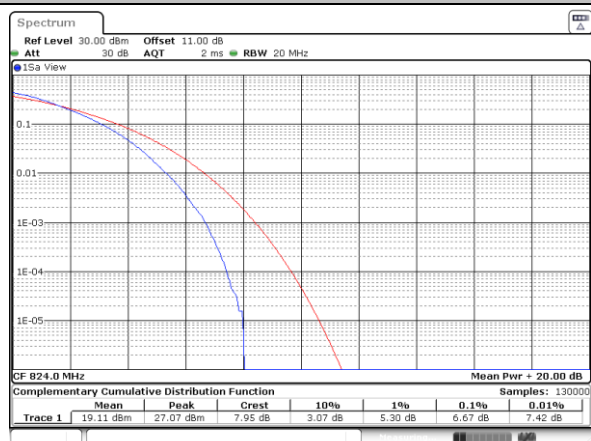
Middle Channel / Full RB



Date: 2.DEC.2022 17:19:52

LTE Band 26 / 15MHz / 256QAM

Middle Channel / Full RB



Date: 2.DEC.2022 17:20:24

**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
Middle CH	1.28	1.27	3.09	3.10	5.32	5.20	9.97	9.93	14.27	14.99	-	-
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
Middle CH	1.30	1.28	3.05	3.10	5.17	5.03	9.77	9.99	14.48	14.21	-	-