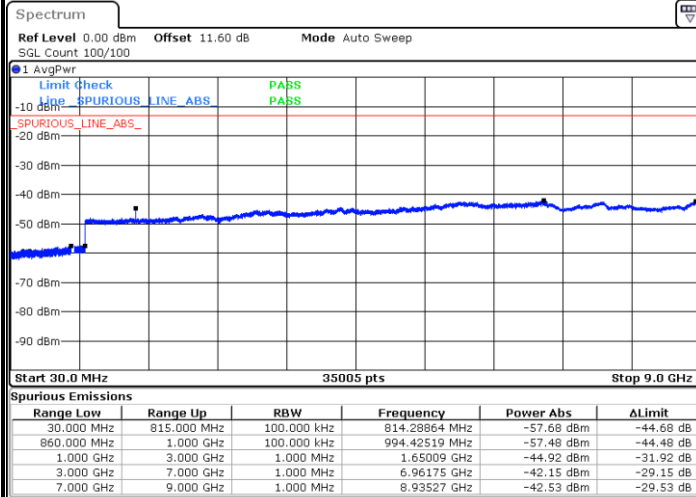


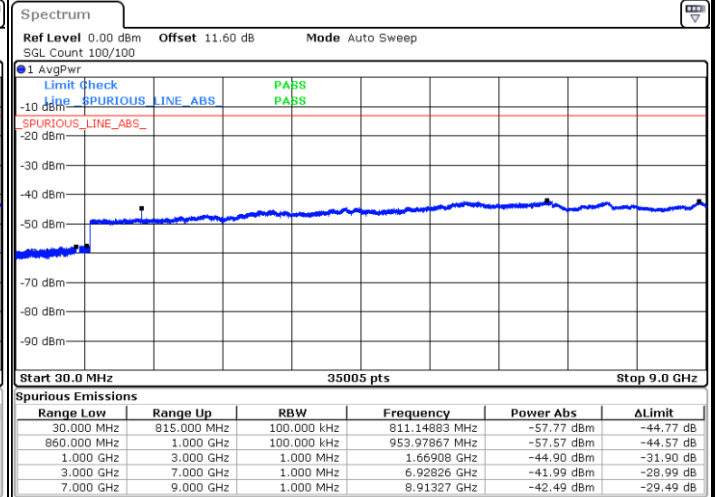


LTE Band 26 / 5MHz

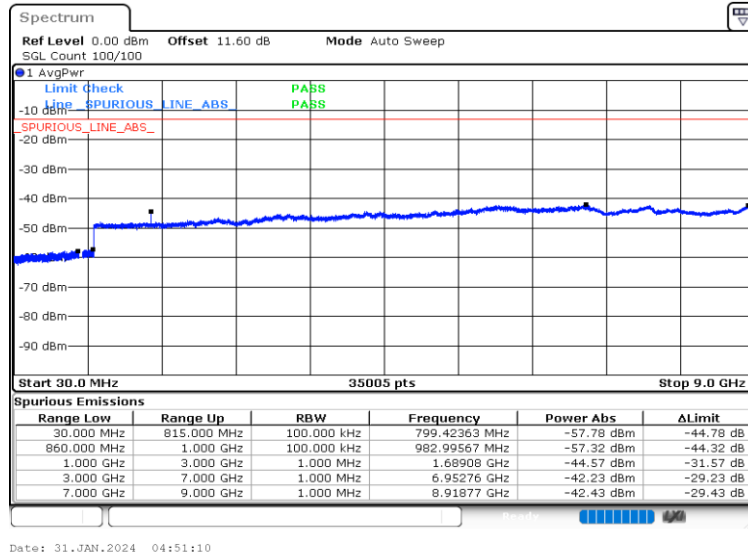
Lowest Channel / QPSK



Middle Channel / QPSK



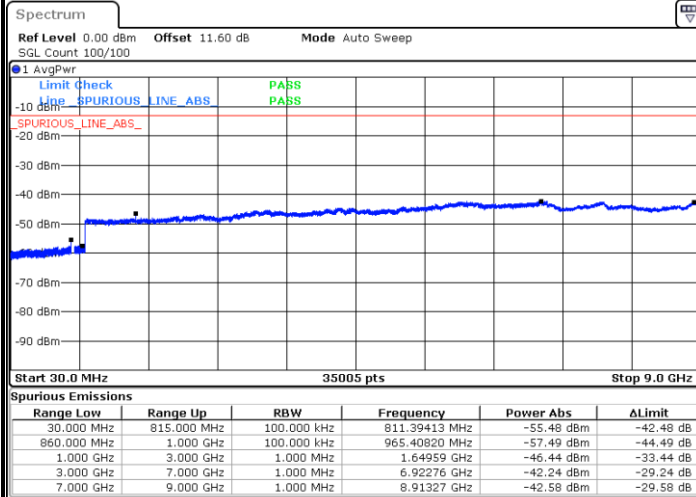
Highest Channel / QPSK





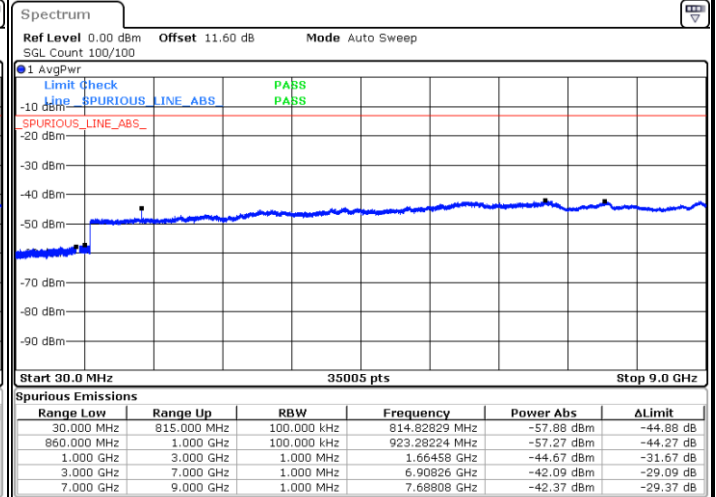
LTE Band 26 / 10MHz

Lowest Channel / QPSK



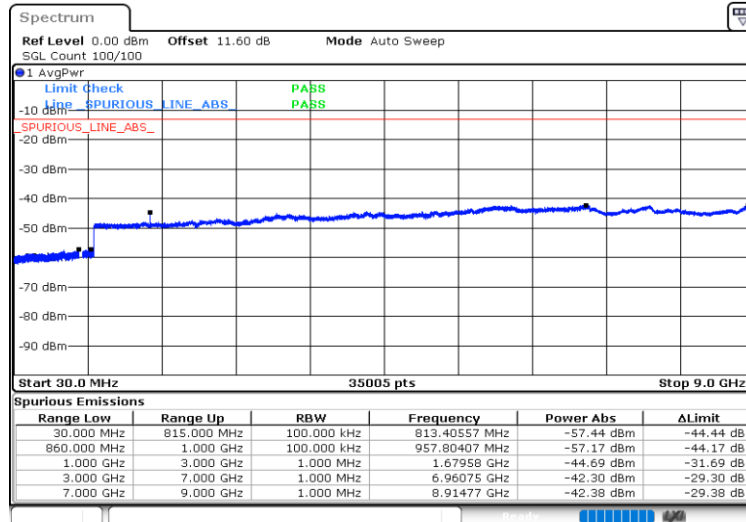
Date: 31.JAN.2024 04:36:52

Middle Channel / QPSK



Date: 31.JAN.2024 04:38:09

Highest Channel / QPSK

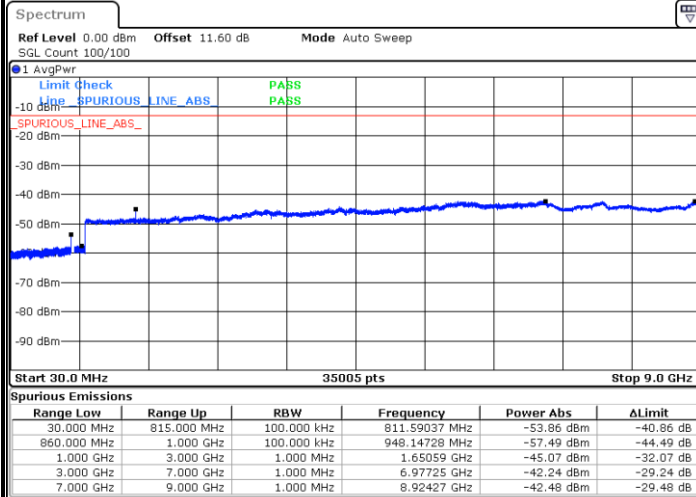


Date: 31.JAN.2024 04:39:25



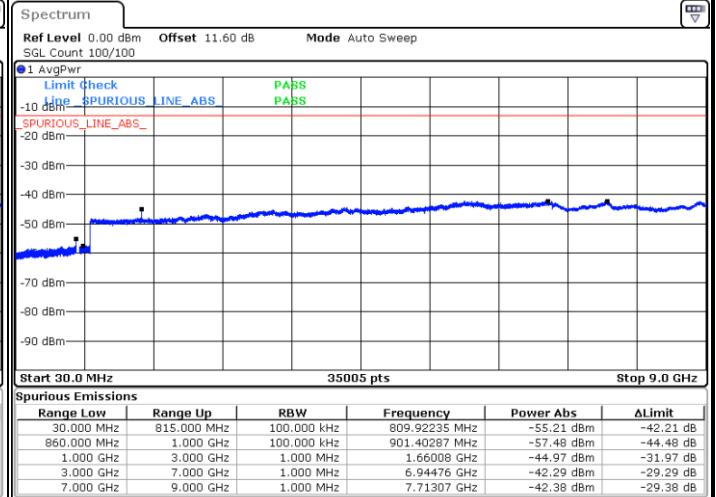
LTE Band 26 / 15MHz

Lowest Channel / QPSK



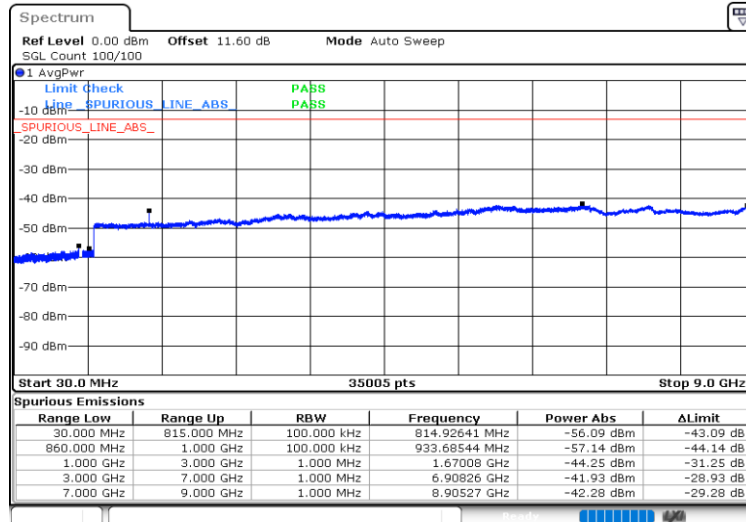
Date: 31.JAN.2024 04:40:47

Middle Channel / QPSK



Date: 31.JAN.2024 04:42:03

Highest Channel / QPSK



Date: 31.JAN.2024 04:43:20

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	0.0091	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0091	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

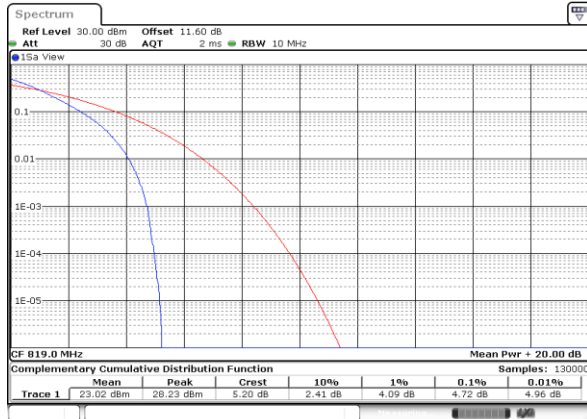
1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



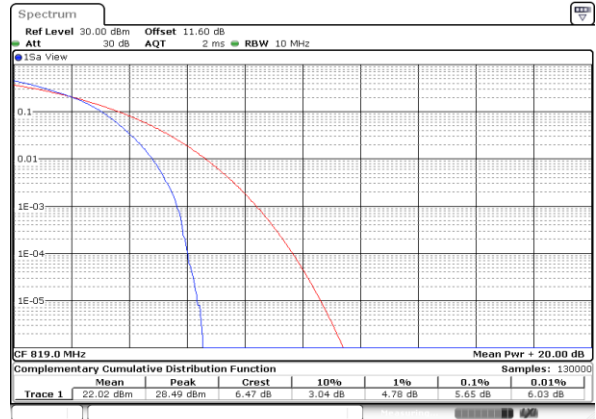
LTE Band 26_Part 90S

Peak-to-Average Ratio

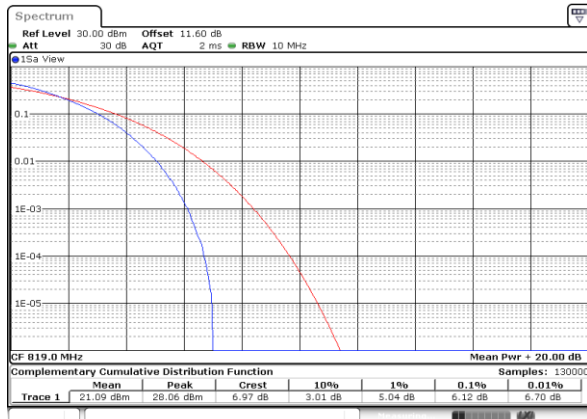
Mode	LTE Band 26 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.65	6.12	-	PASS

LTE Band 26 / 10MHz / QPSK
Middle Channel / Full RB


Date: 31.JAN.2024 05:27:16

LTE Band 26 / 10MHz / 16QAM
Middle Channel / Full RB


Date: 31.JAN.2024 05:26:47

LTE Band 26 / 10MHz / 64QAM
Middle Channel / Full RB


Date: 31.JAN.2024 05:27:46

N/A

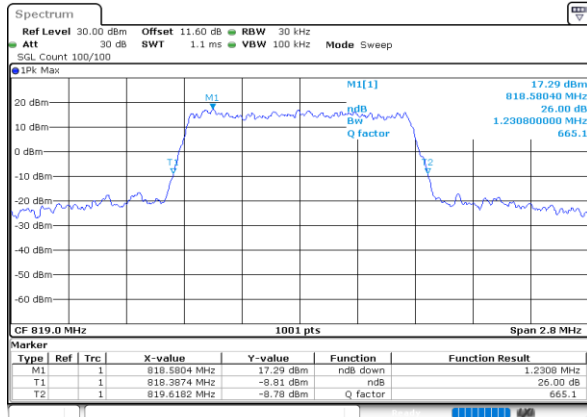
**26dB Bandwidth**

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	-	-	-	-	-	-	-	-	14.47	14.11	-	-
Middle CH	1.23	1.22	3.03	3.01	4.85	4.86	9.81	9.71	-	-	-	-
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	-	-	-	-	-	-	-	-	14.32	-	-	-
Middle CH	1.22	-	2.96	-	4.90	-	9.73	-	-	-	-	-

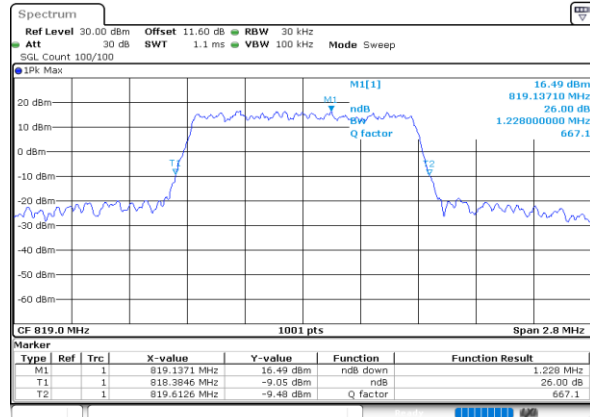


LTE Band 26

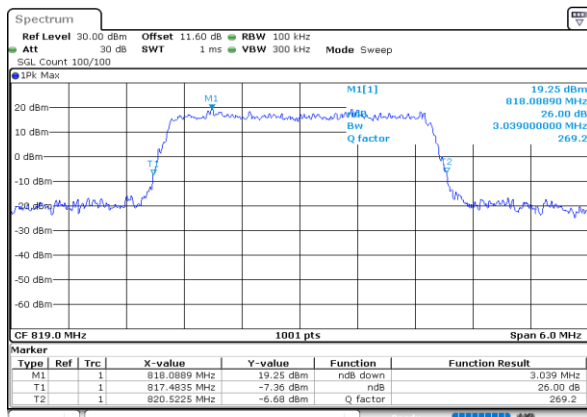
Middle Channel / 1.4MHz / QPSK



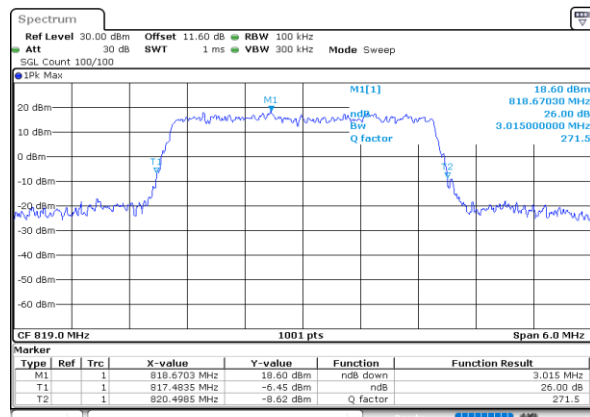
Middle Channel / 1.4MHz / 16QAM



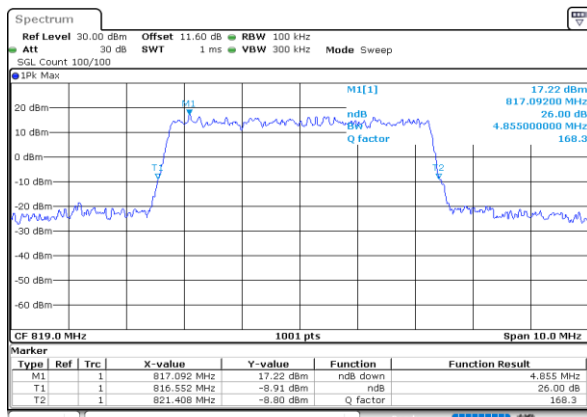
Middle Channel / 3MHz / QPSK



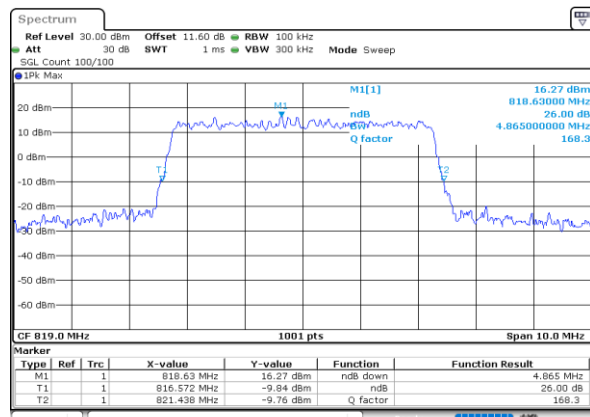
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



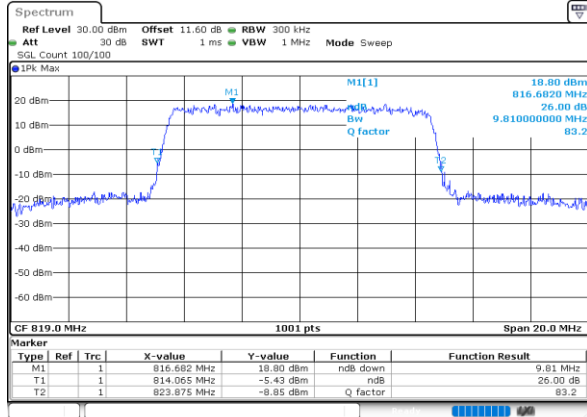
Middle Channel / 5MHz / 16QAM



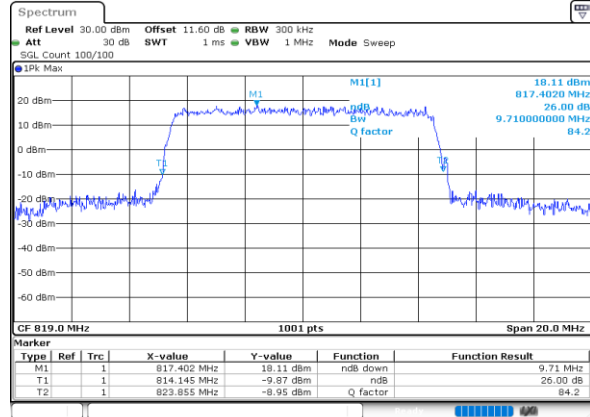


LTE Band 26

Middle Channel / 10MHz / QPSK



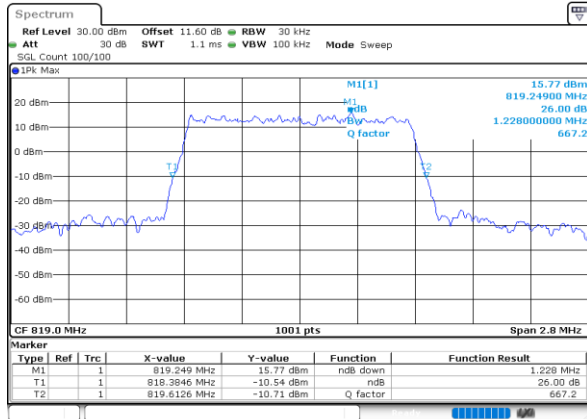
Middle Channel / 10MHz / 16QAM



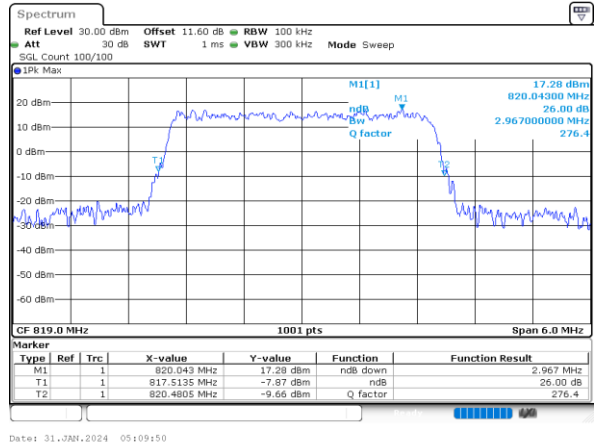


LTE Band 26

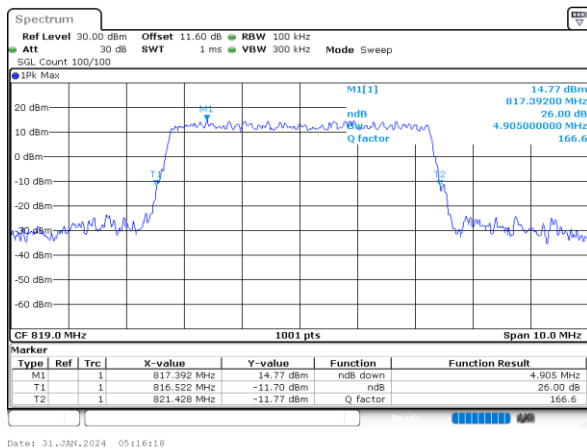
Middle Channel / 1.4MHz / 64QAM



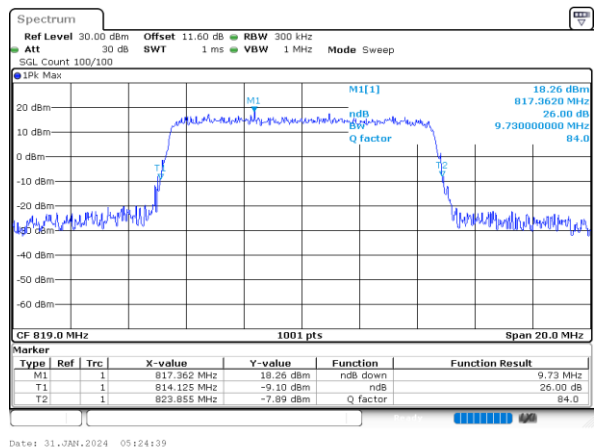
Middle Channel / 3MHz / 64QAM



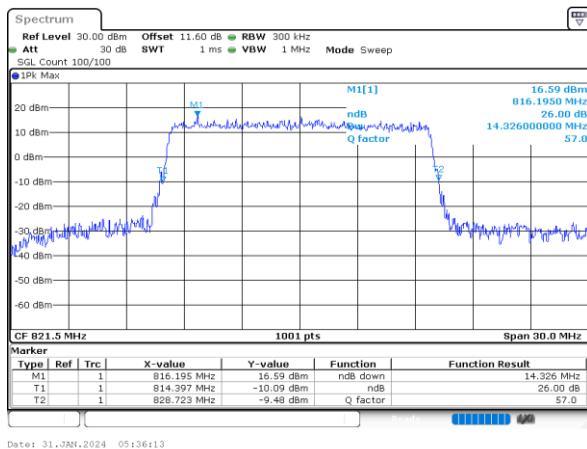
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Low Channel / 15MHz / 64QAM



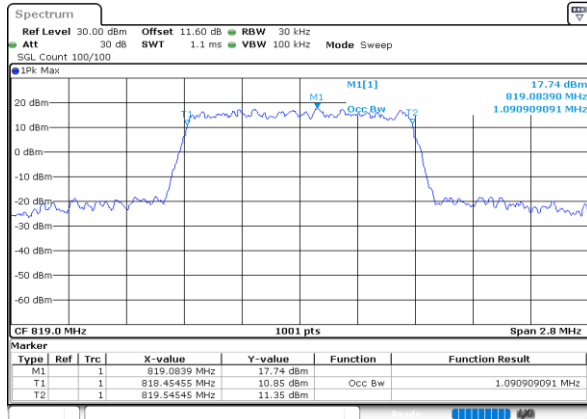
**Occupied Bandwidth**

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	13.45	-	-
Middle CH	1.09	1.09	2.73	2.72	4.50	4.48	9.03	9.01	-	-	-	-
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	-	-	-	-	-	-	-	-	13.42	-	-	-
Middle CH	1.08	-	2.73	-	4.50	-	9.03	-	-	-	-	-

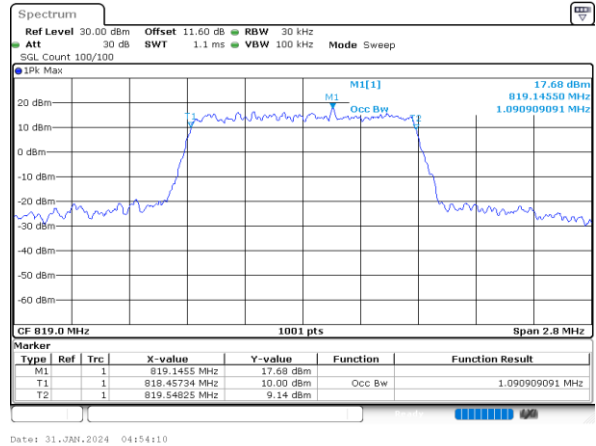


LTE Band 26

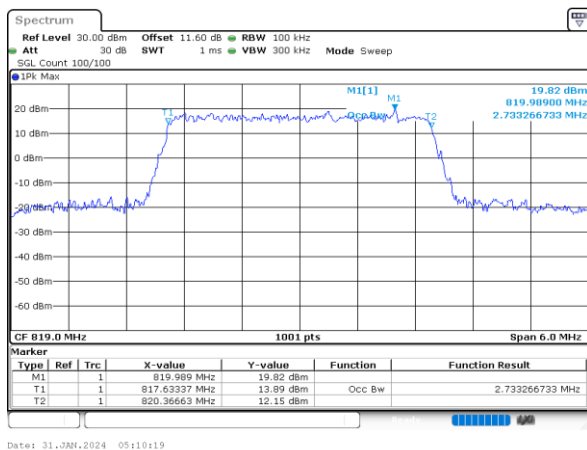
Middle Channel / 1.4MHz / QPSK



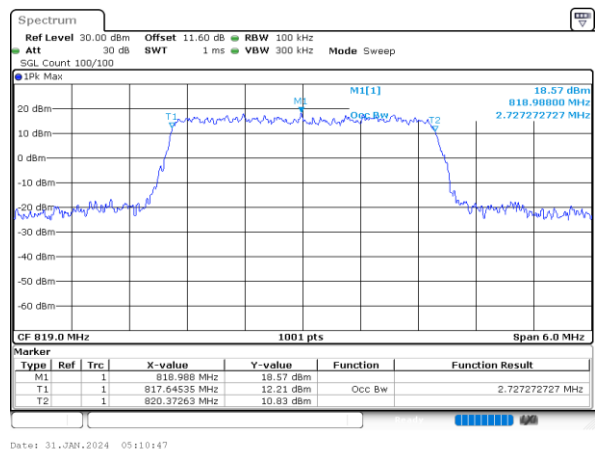
Middle Channel / 1.4MHz / 16QAM



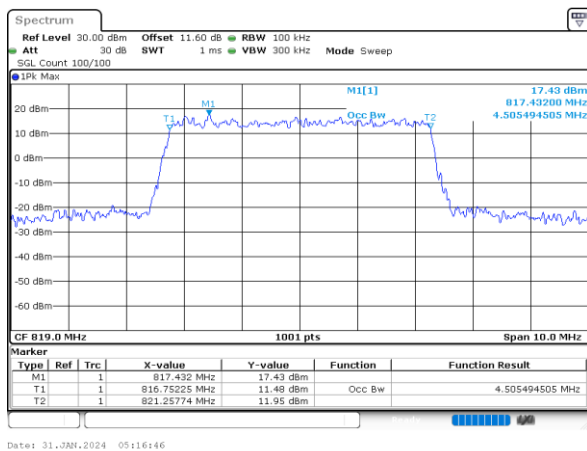
Middle Channel / 3MHz / QPSK



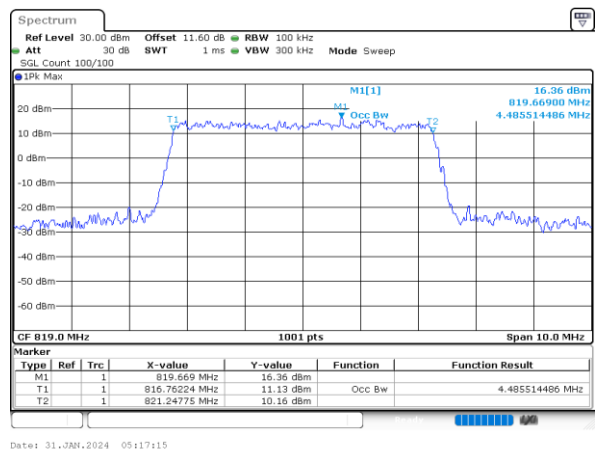
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



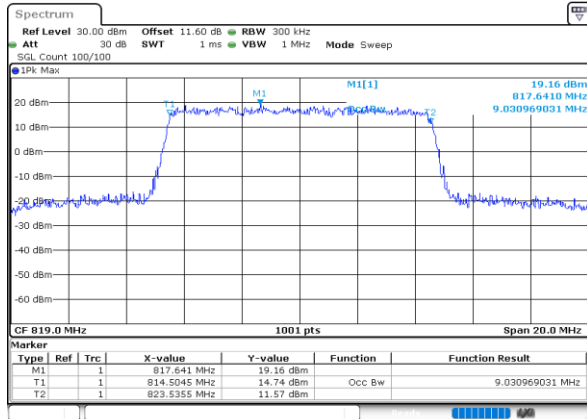
Middle Channel / 5MHz / 16QAM



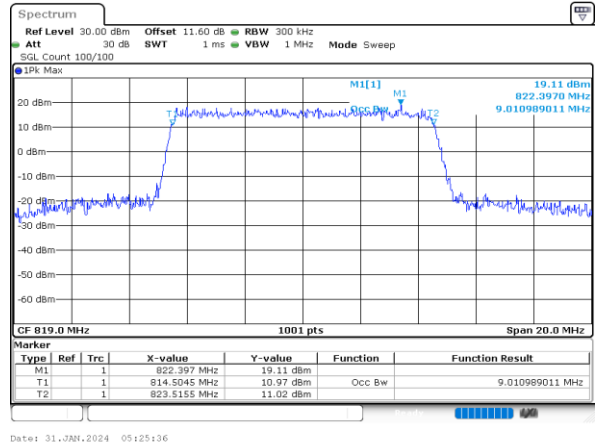


LTE Band 26

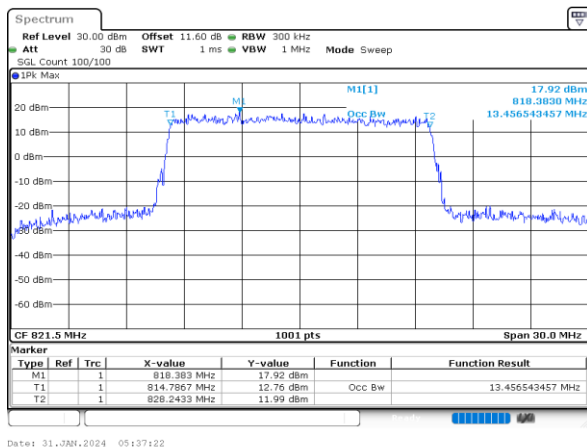
Middle Channel / 10MHz / QPSK



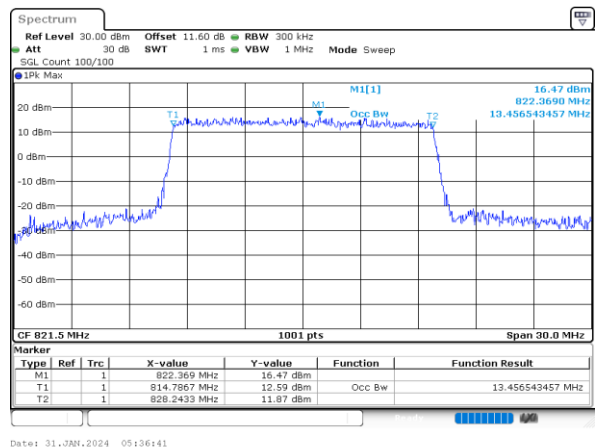
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK



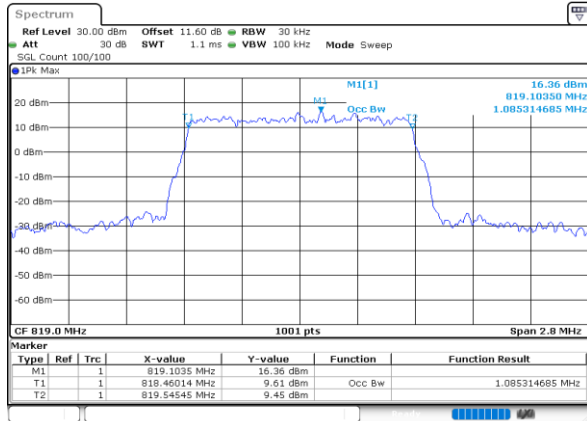
Low Channel / 15MHz / 16QAM



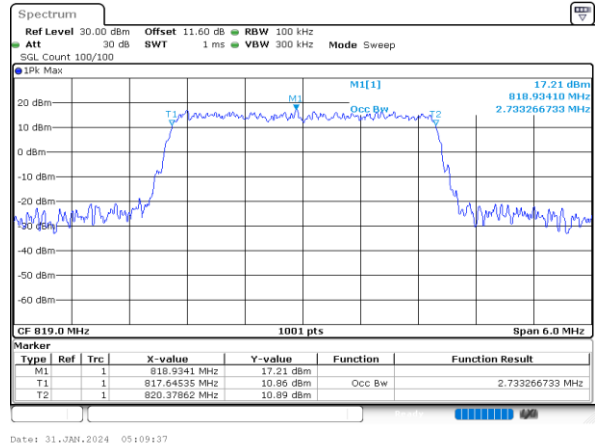


LTE Band 26

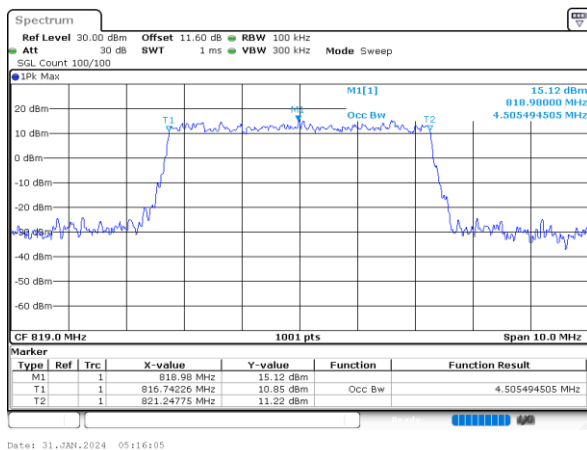
Middle Channel / 1.4MHz / 64QAM



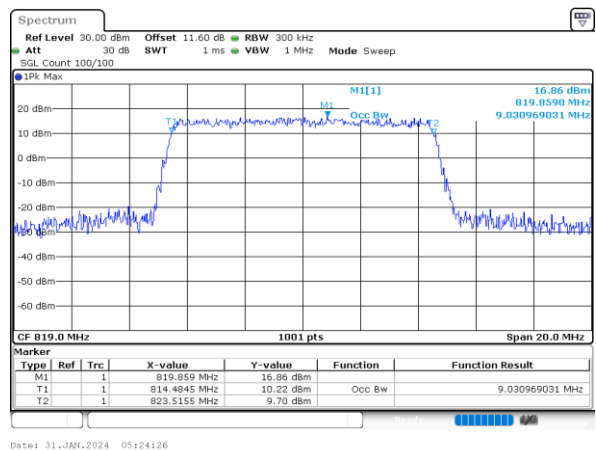
Middle Channel / 3MHz / 64QAM



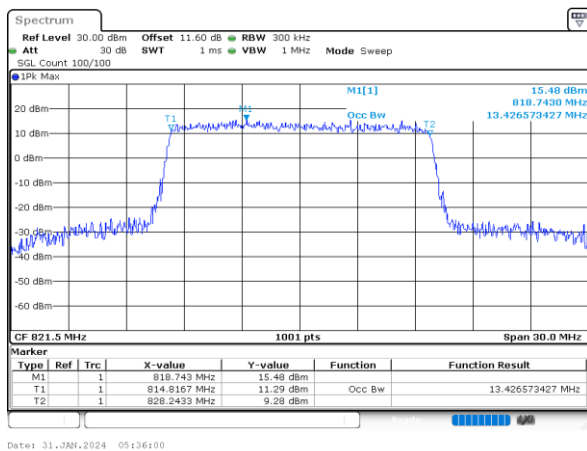
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Low Channel / 5MHz / 64QAM

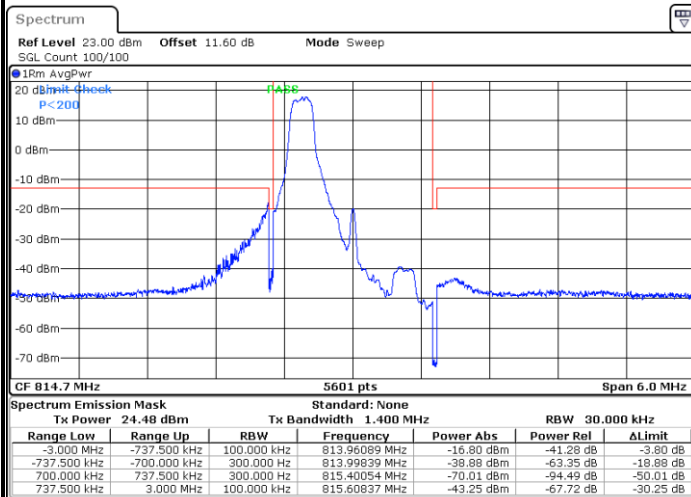




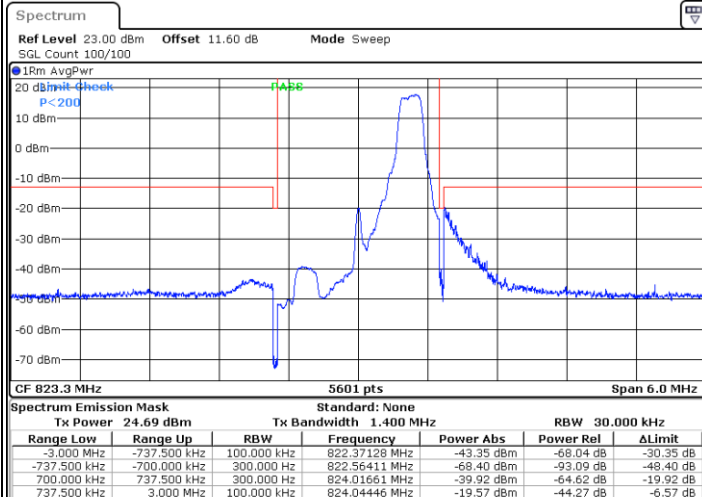
Emission masks – In-band emissions

LTE Band 26 / 1.4MHz / QPSK

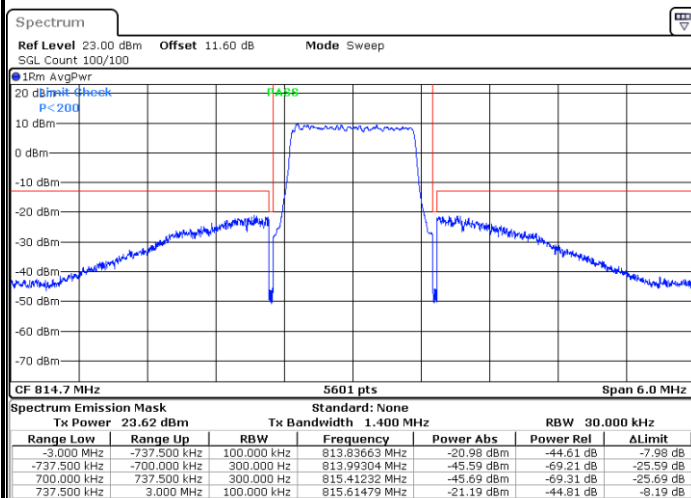
Lowest Channel / 1RB



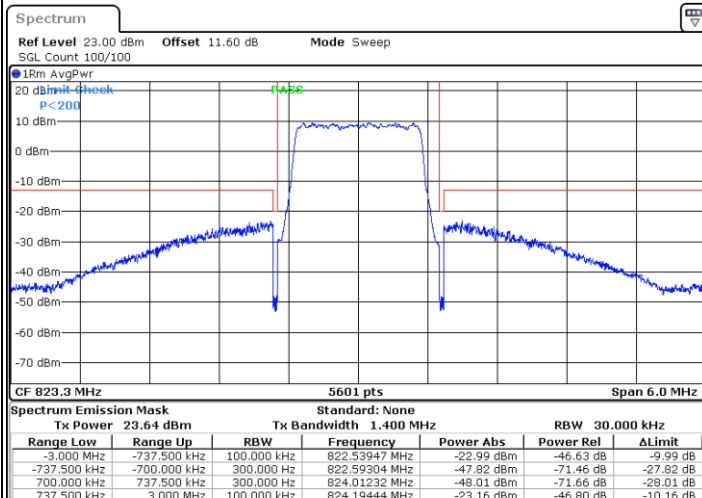
Highest Channel / 1RB



Lowest Channel / Full RB



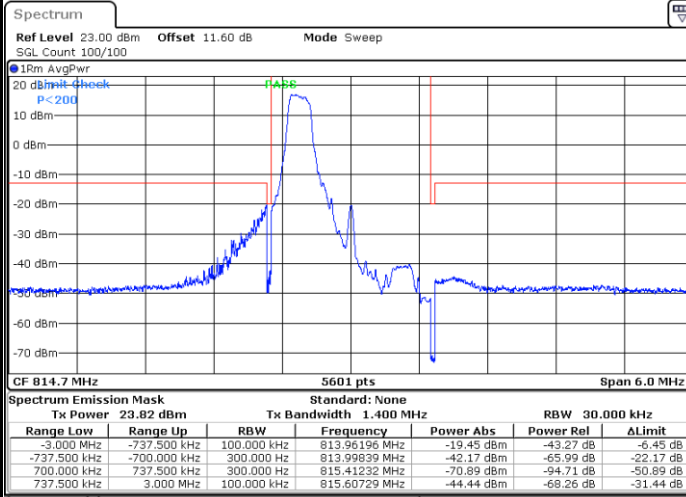
Highest Channel / Full RB



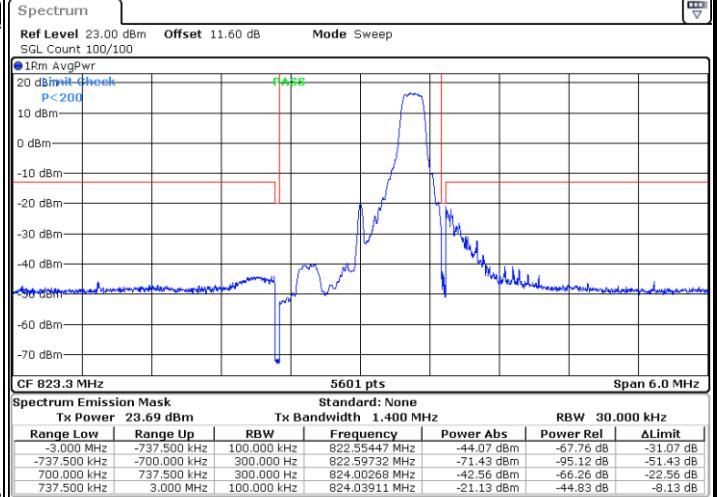


LTE Band 26 / 1.4MHz / 16QAM

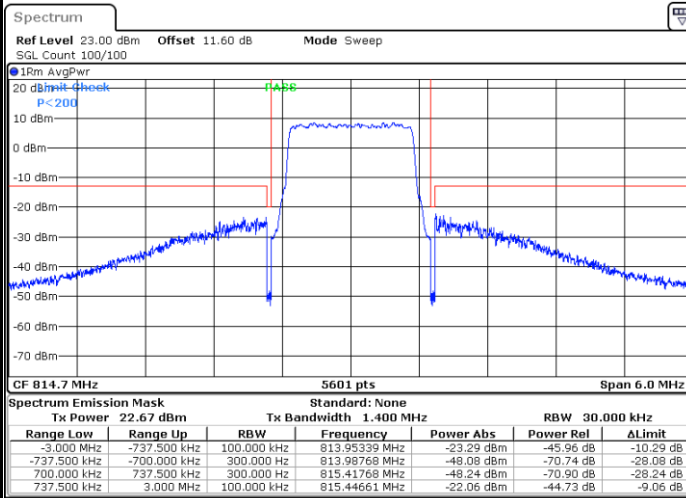
Lowest Channel / 1 RB



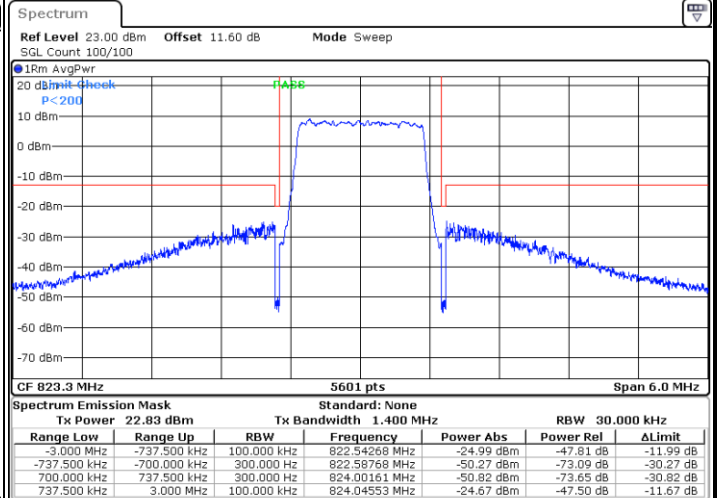
Highest Channel / 1 RB



Lowest Channel / Full RB



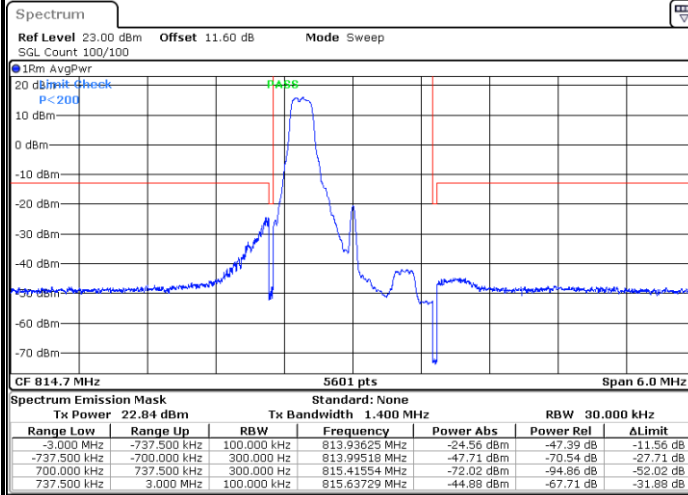
Highest Channel / Full RB



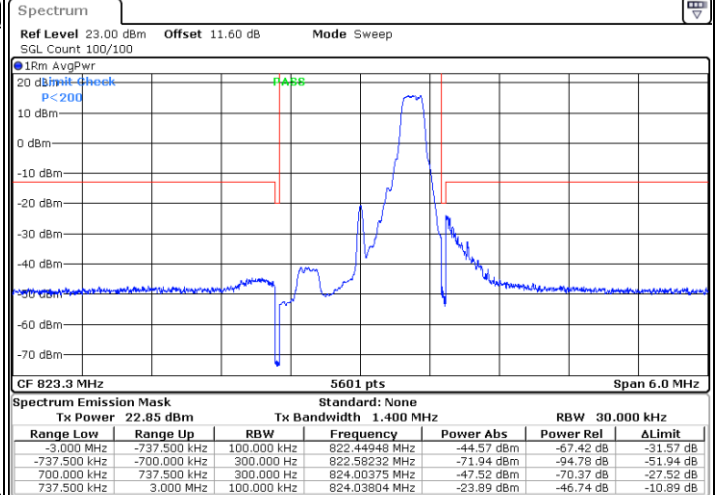


LTE Band 26 / 1.4MHz / 64QAM

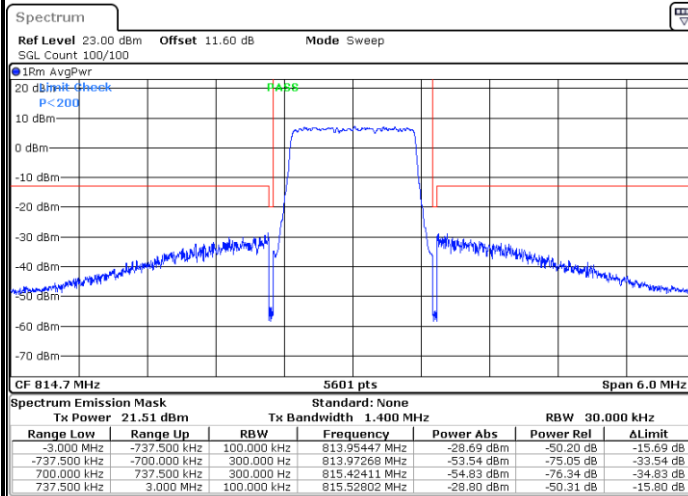
Lowest Channel / 1 RB



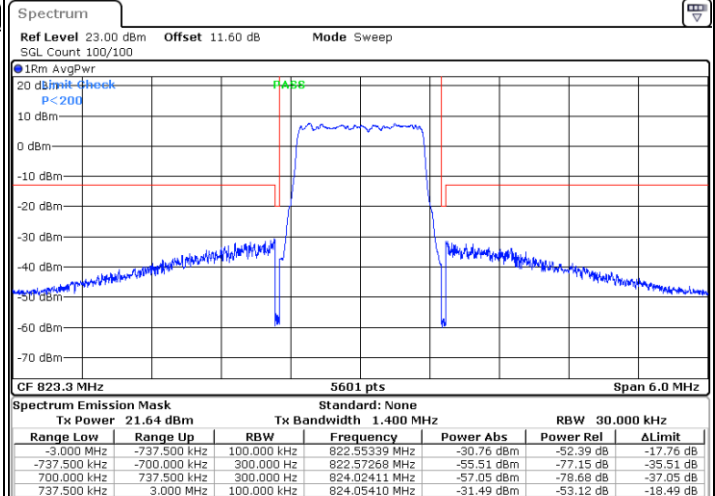
Highest Channel / 1 RB



Lowest Channel / Full RB



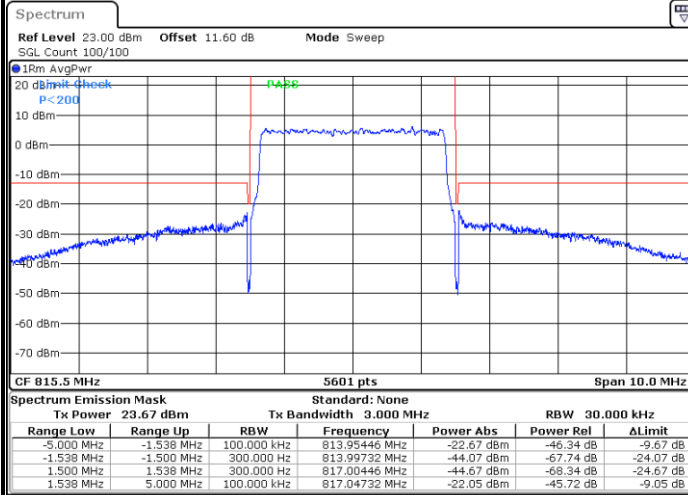
Highest Channel / Full RB



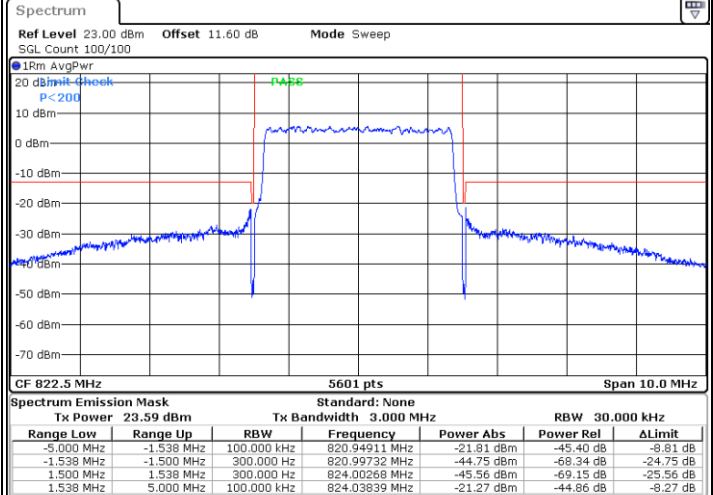


LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

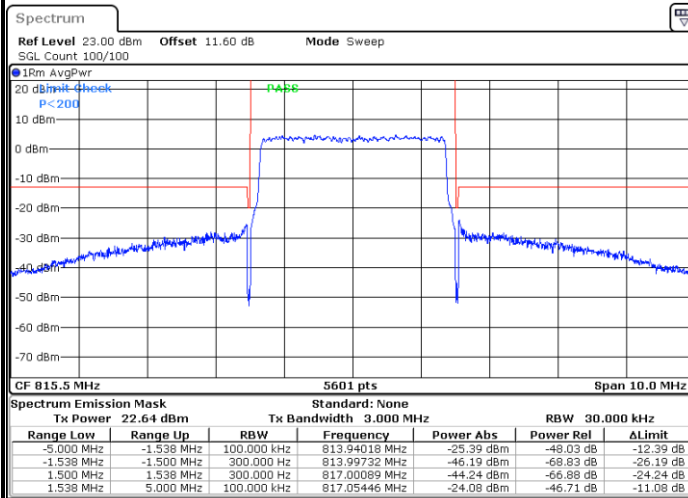


Highest Channel / Full RB

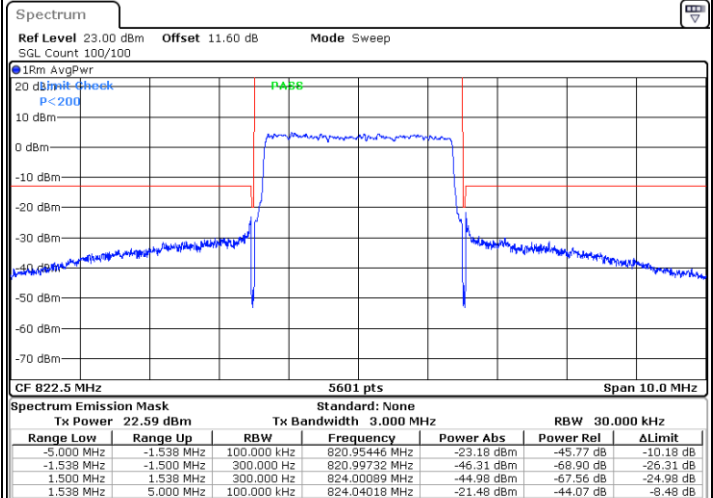


LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB



Highest Channel / Full RB

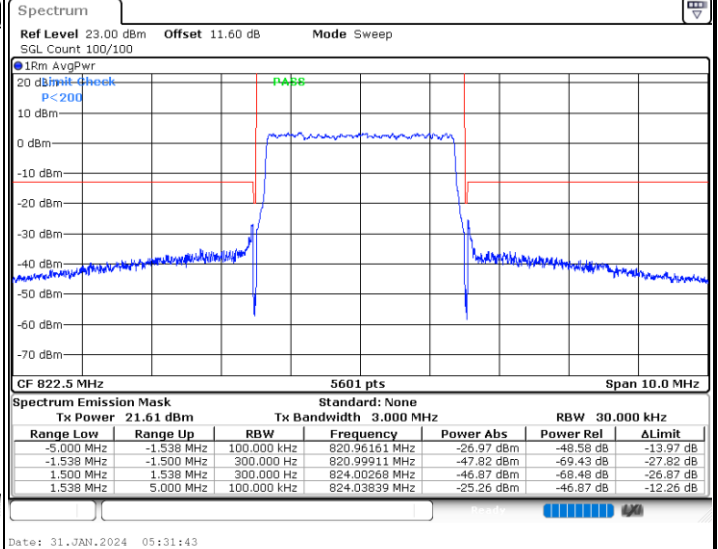
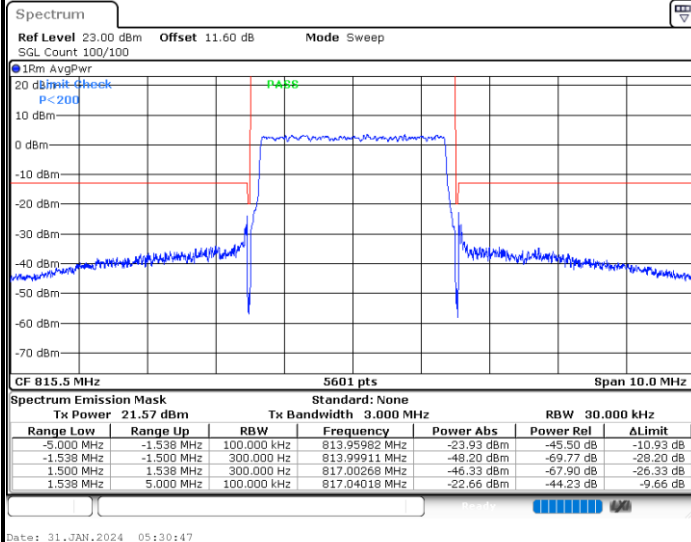




LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

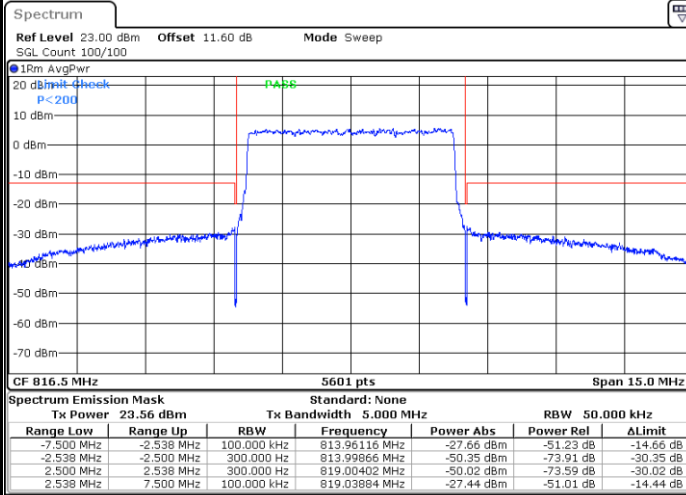
Highest Channel / Full RB



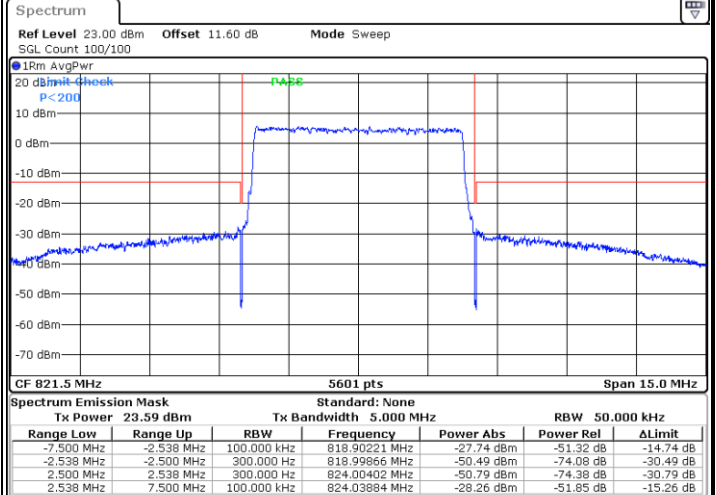


LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

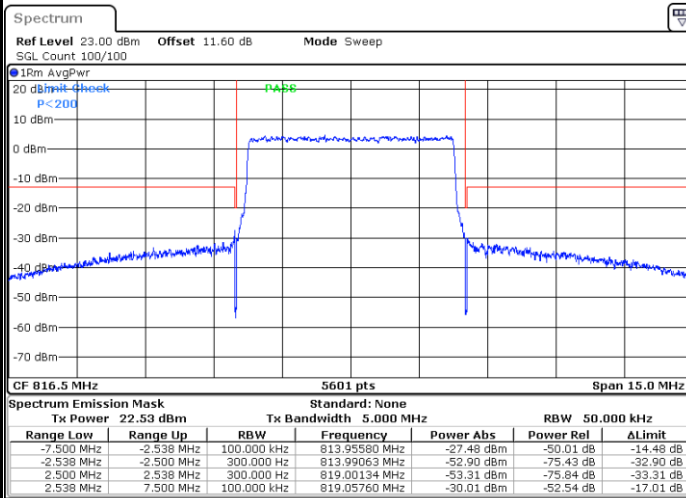


Highest Channel / Full RB

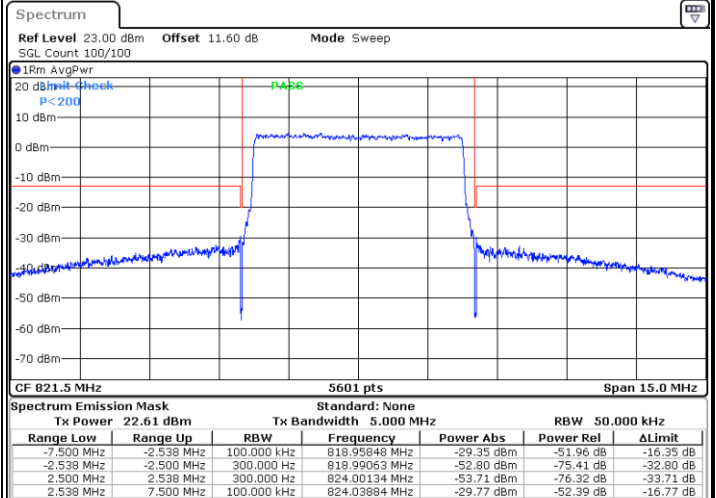


LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB



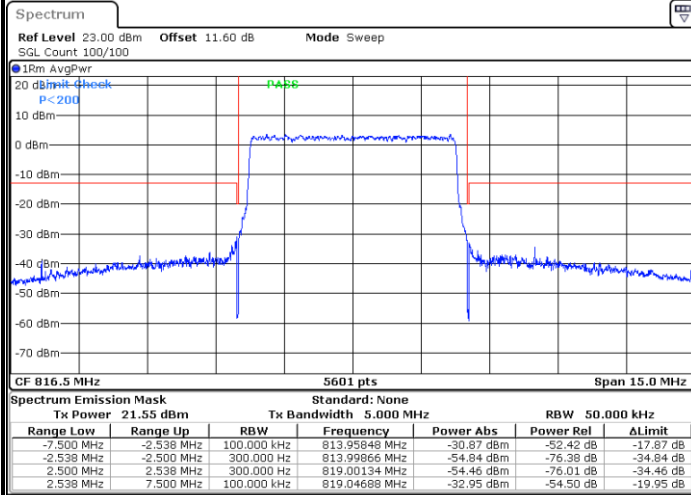
Highest Channel / Full RB





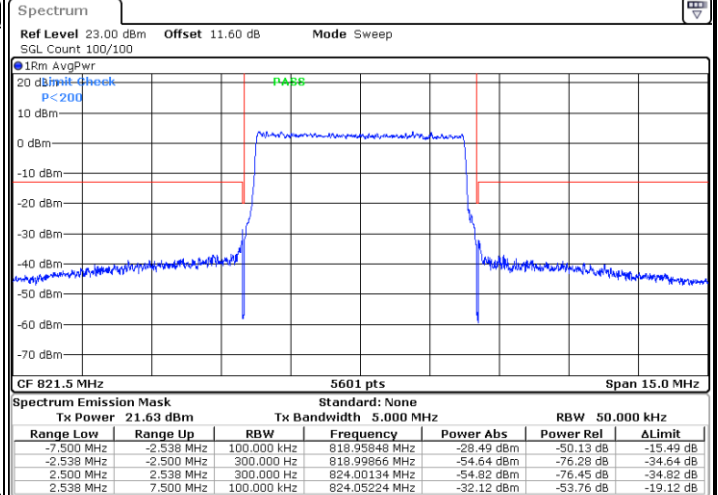
LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB



Date: 31.JAN.2024 05:32:45

Highest Channel / Full RB



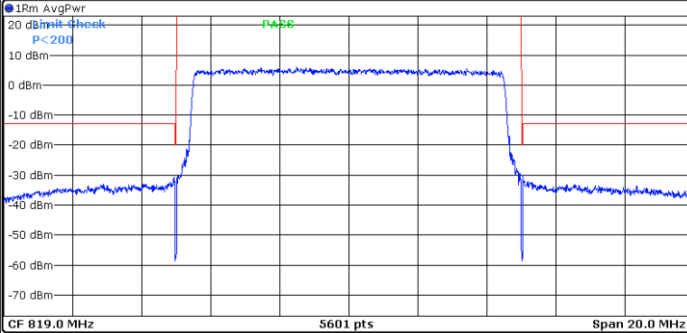
Date: 31.JAN.2024 05:33:42



LTE Band 26 / 10MHz / QPSK

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep
SGL Count 100/100

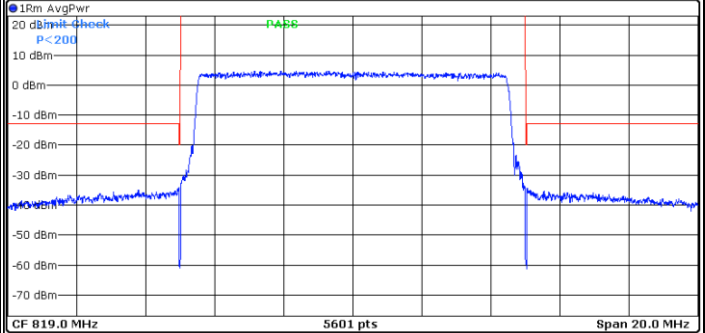
Spectrum Emission Mask			Standard: None			
Tx Power 23.63 dBm		Tx Bandwidth 10.000 MHz		RBW 100.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.92856 MHz	-30.78 dBm	-54.41 dB	-17.78 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98688 MHz	-56.59 dBm	-80.22 dB	-36.59 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-55.38 dBm	-79.01 dB	-35.38 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-30.18 dBm	-53.81 dB	-17.18 dB

Date: 31.JAN.2024 05:23:00

LTE Band 26 / 10MHz / 16QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep
SGL Count 100/100

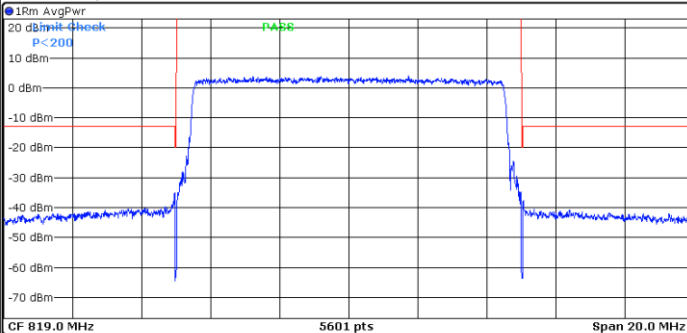
Spectrum Emission Mask			Standard: None			
Tx Power 22.61 dBm		Tx Bandwidth 10.000 MHz		RBW 100.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95714 MHz	-34.06 dBm	-56.67 dB	-21.06 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98312 MHz	-58.43 dBm	-81.04 dB	-38.43 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-58.38 dBm	-80.99 dB	-38.38 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.04643 MHz	-34.32 dBm	-56.93 dB	-21.32 dB

Date: 31.JAN.2024 05:23:57

LTE Band 26 / 10MHz / 64QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep
SGL Count 100/100

Spectrum Emission Mask			Standard: None			
Tx Power 21.60 dBm		Tx Bandwidth 10.000 MHz		RBW 100.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95357 MHz	-35.11 dBm	-56.71 dB	-22.11 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98688 MHz	-61.11 dBm	-82.71 dB	-41.11 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-61.90 dBm	-83.50 dB	-41.90 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.05000 MHz	-37.51 dBm	-59.11 dB	-24.51 dB

Date: 31.JAN.2024 05:34:44

N/A



LTE Band 26 / 15MHz / QPSK

Lowest Channel / Full RB

Spectrum

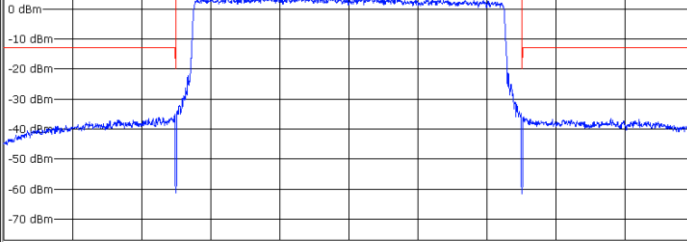
Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask						
Standard: None						
Tx Power 23.57 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz						
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94375 MHz	-34.93 dBm	-58.50 dB	-21.93 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-59.21 dBm	-82.78 dB	-39.21 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-59.37 dBm	-82.94 dB	-39.37 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.09911 MHz	-35.93 dBm	-59.50 dB	-22.93 dB

Date: 31.JAN.2024 05:28:48

LTE Band 26 / 15MHz / 16QAM

Lowest Channel / Full RB

Spectrum

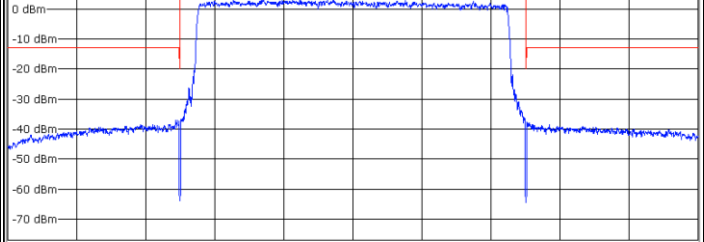
Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask						
Standard: None						
Tx Power 22.61 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz						
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.86339 MHz	-37.06 dBm	-59.67 dB	-24.06 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-62.28 dBm	-84.90 dB	-42.28 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-62.83 dBm	-85.44 dB	-42.83 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-37.68 dBm	-60.30 dB	-24.68 dB

Date: 31.JAN.2024 05:29:45

LTE Band 26 / 15MHz / 64QAM

Lowest Channel / Full RB

Spectrum

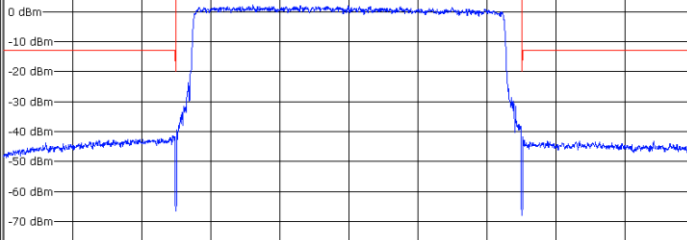
Ref Level 23.00 dBm Offset 11.60 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask						
Standard: None						
Tx Power 21.57 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz						
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.84732 MHz	-41.38 dBm	-62.95 dB	-28.38 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-64.96 dBm	-86.53 dB	-44.96 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-65.15 dBm	-87.72 dB	-46.15 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-41.61 dBm	-63.18 dB	-28.61 dB

Date: 31.JAN.2024 05:35:46

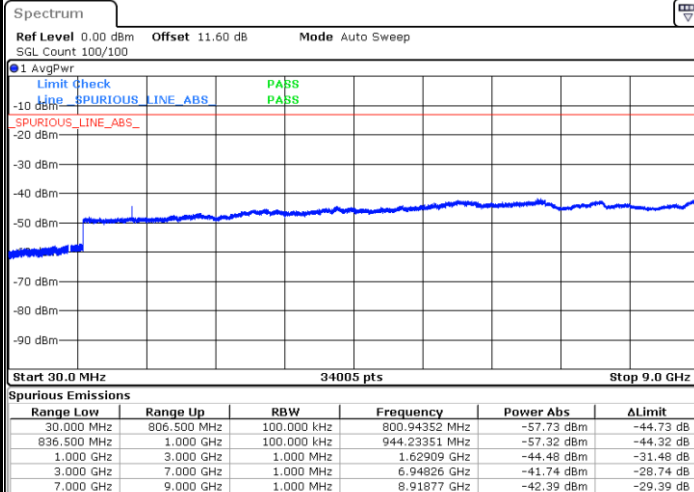
N/A



Emission masks – Out of band emissions

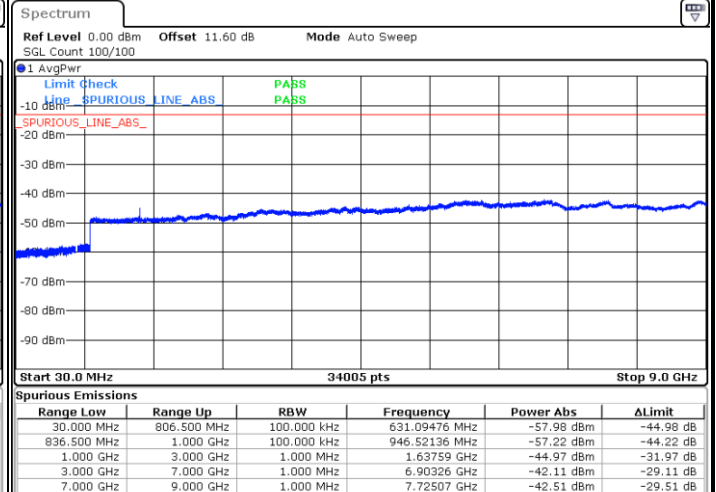
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



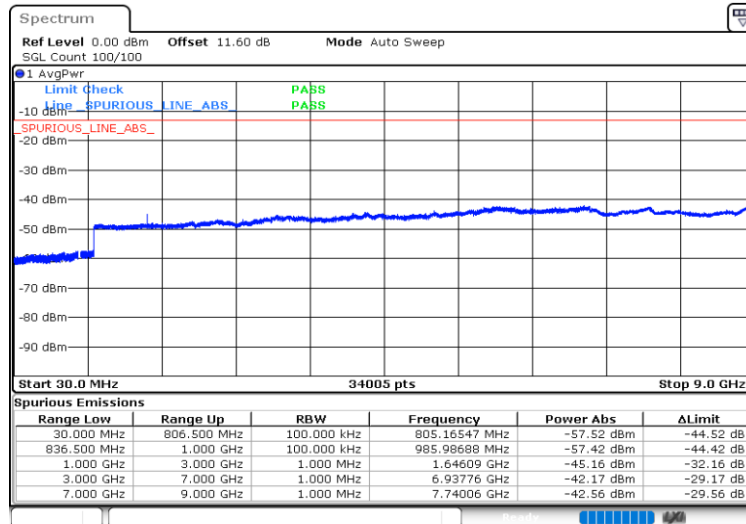
Date: 31.JAN.2024 04:53:13

Middle Channel / QPSK



Date: 31.JAN.2024 04:56:24

Highest Channel / QPSK

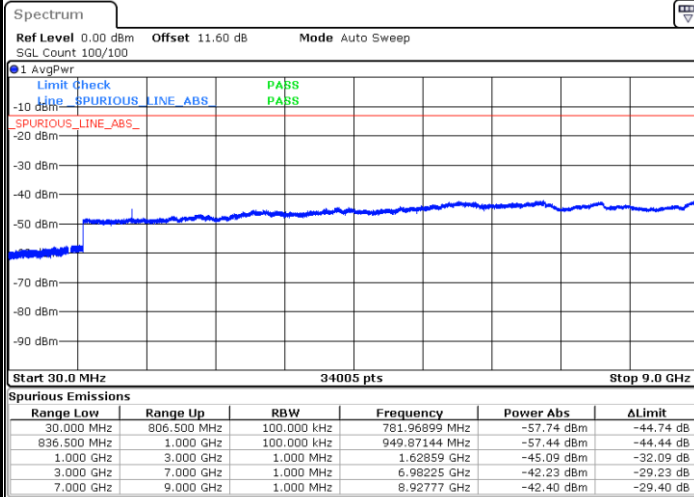


Date: 31.JAN.2024 04:57:41



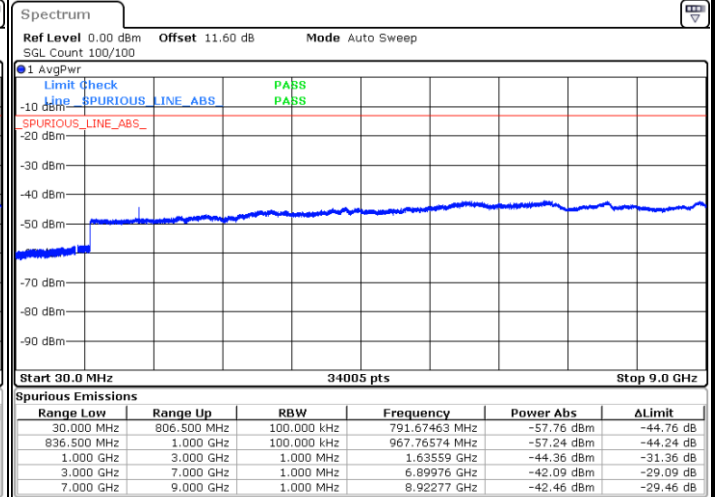
LTE Band 26 / 3MHz

Lowest Channel / QPSK



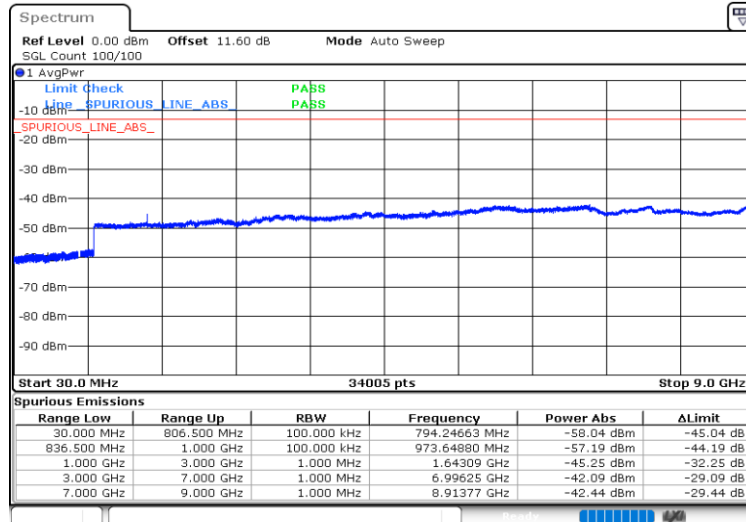
Date: 31.JAN.2024 05:38:57

Middle Channel / QPSK



Date: 31.JAN.2024 05:40:14

Highest Channel / QPSK

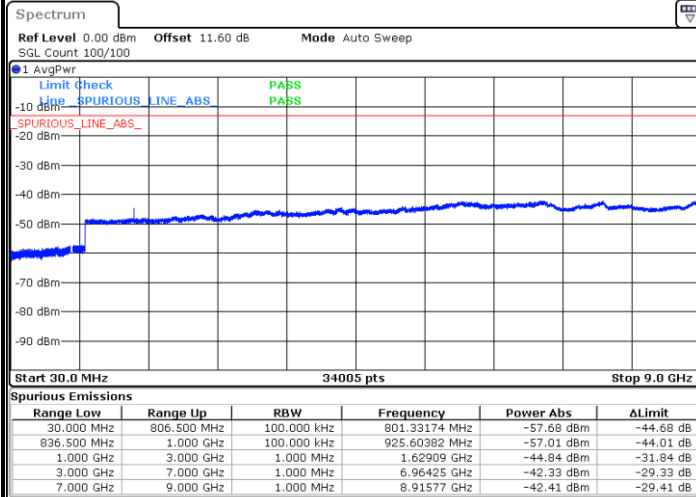


Date: 31.JAN.2024 05:41:31



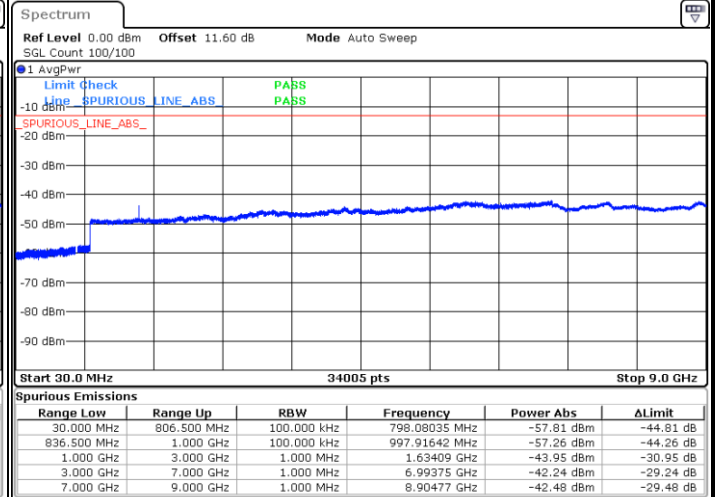
LTE Band 26 / 5MHz

Lowest Channel / QPSK



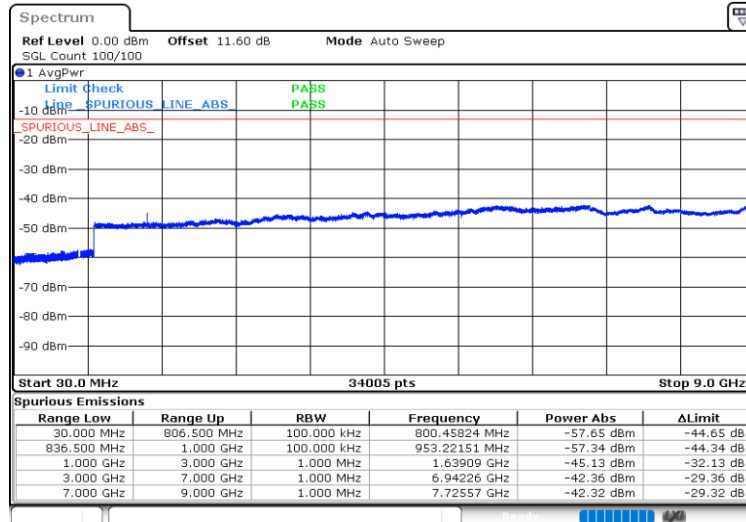
Date: 31.JAN.2024 05:42:52

Middle Channel / QPSK



Date: 31.JAN.2024 05:44:09

Highest Channel / QPSK

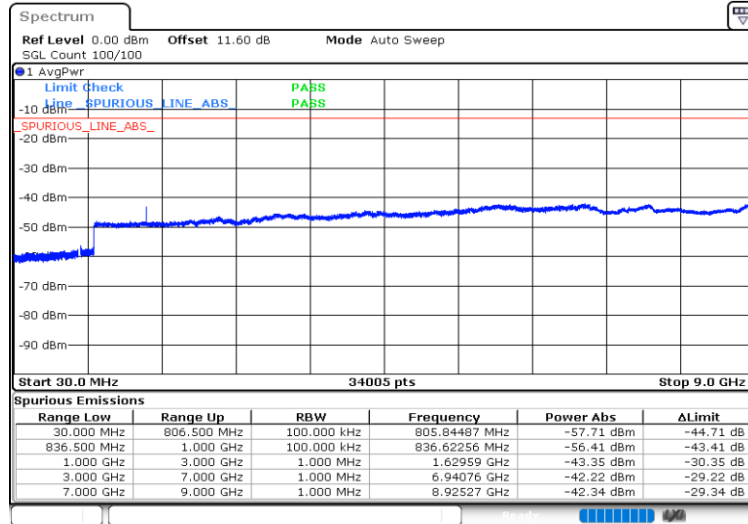


Date: 31.JAN.2024 05:45:26



LTE Band 26 / 10MHz

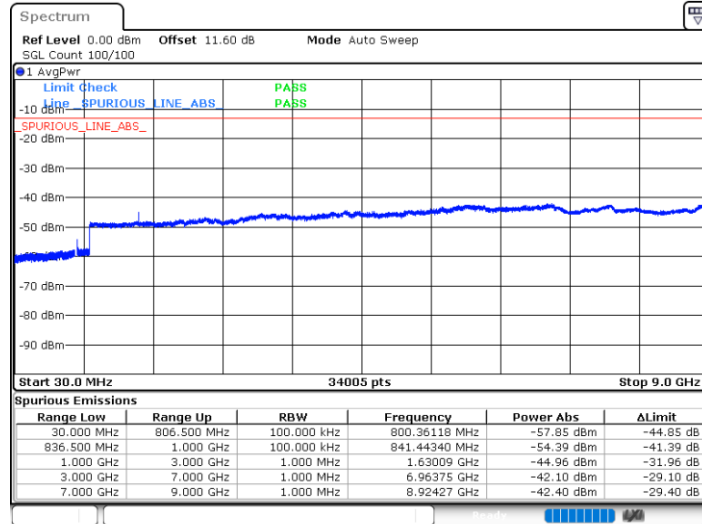
Middle Channel / QPSK





LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 31.JAN.2024 05:48:10

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	0.0082	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0070	
0	Normal Voltage	0.0172	
-10	Normal Voltage	0.0133	
-20	Normal Voltage	0.0173	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0167	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 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	0.0000	PASS
40	Normal Voltage	0.0107	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0102	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0098	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0067	

Note:

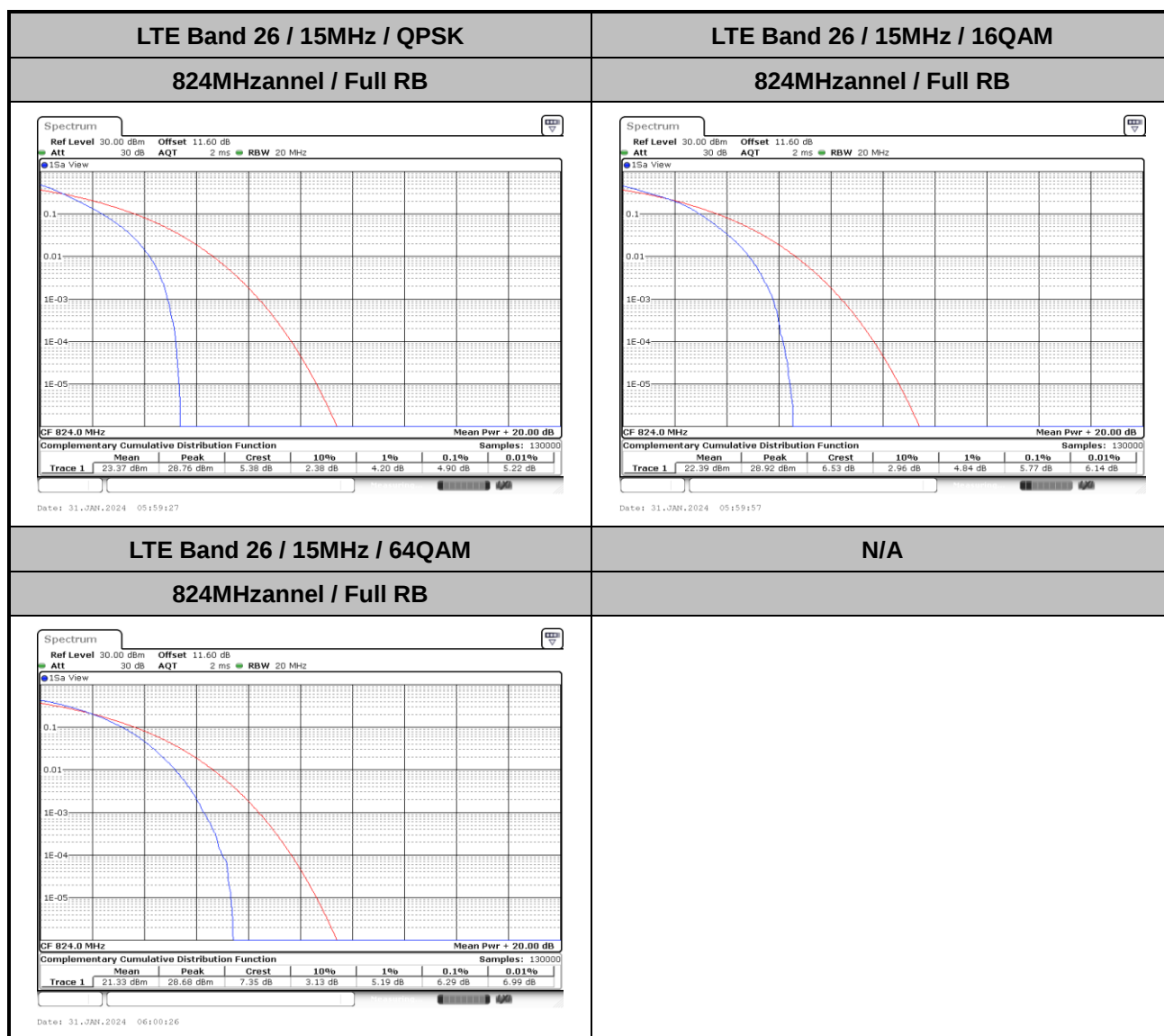
1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 90S

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824MHz	4.90	5.77	6.29	-	PASS



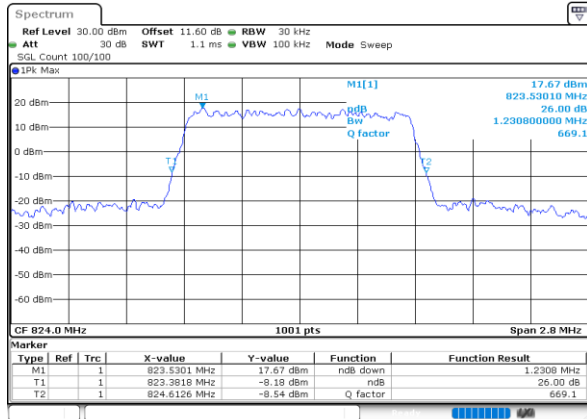
**26dB Bandwidth**

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
824MHz	1.23	1.22	3.00	3.01	4.90	4.87	9.75	9.78	14.35	14.47	-	-
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
824MHz	1.22	-	2.99	-	4.93	-	9.76	-	14.32	-	-	-

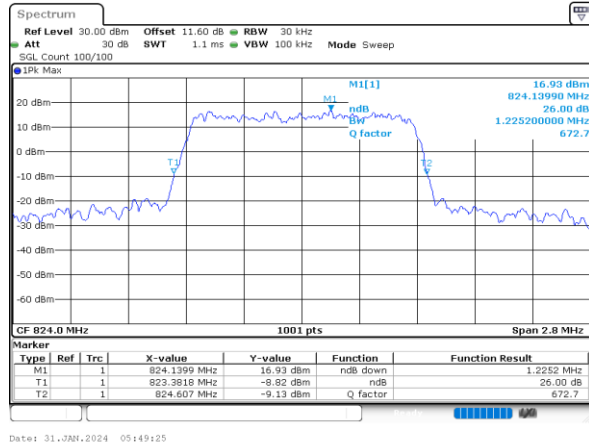


LTE Band 26

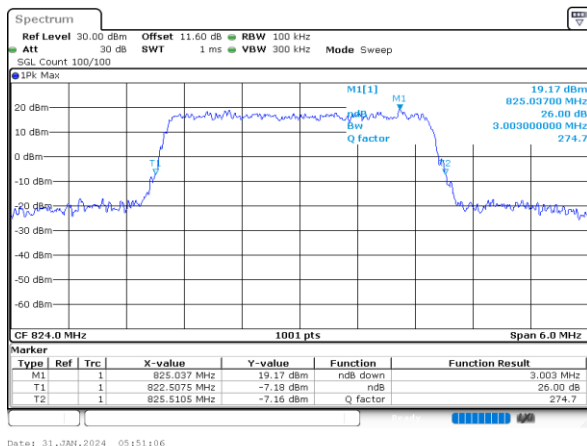
824MHzannel / 1.4MHz / QPSK



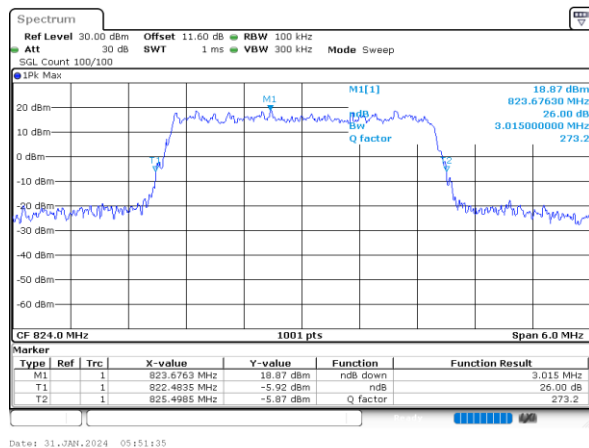
824MHzannel / 1.4MHz / 16QAM



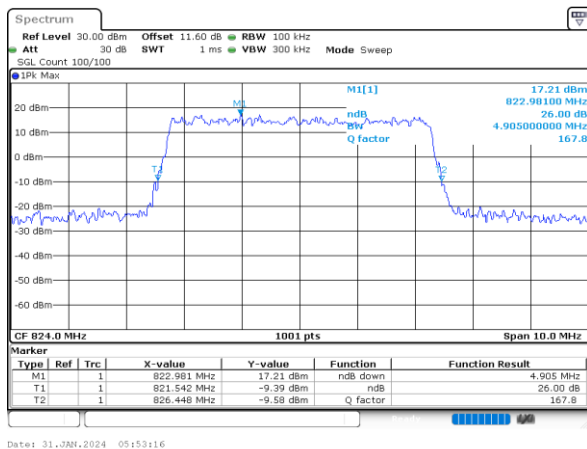
824MHzannel / 3MHz / QPSK



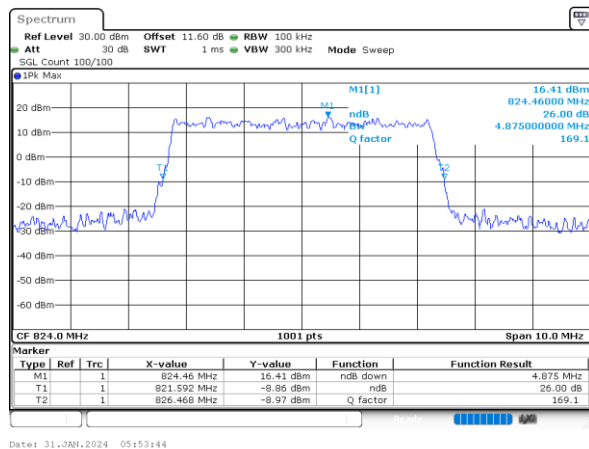
824MHzannel / 3MHz / 16QAM



824MHzannel / 5MHz / QPSK



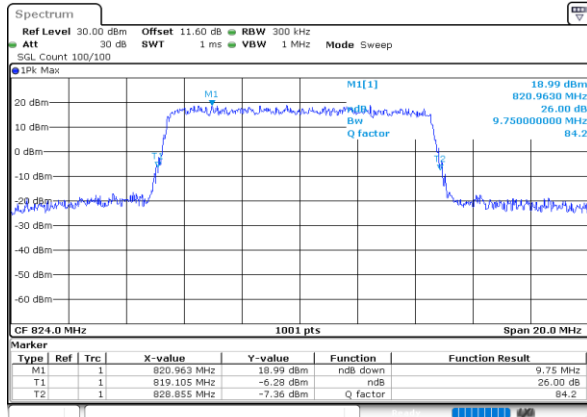
824MHzannel / 5MHz / 16QAM



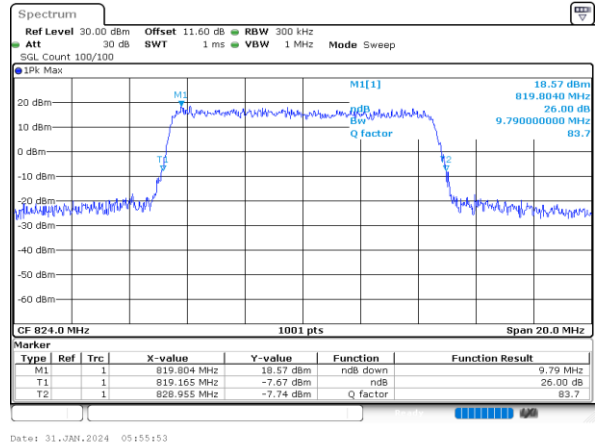


LTE Band 26

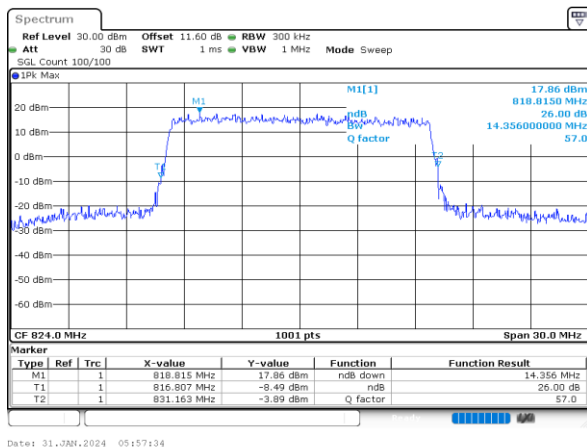
824MHzannel / 10MHz / QPSK



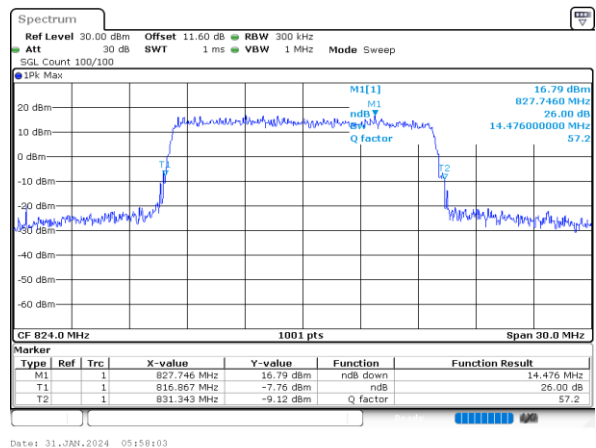
824MHzannel / 10MHz / 16QAM



824MHzannel / 15MHz / QPSK



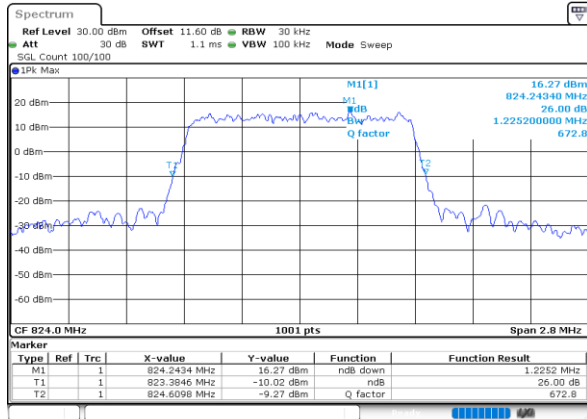
824MHzannel / 15MHz / 16QAM



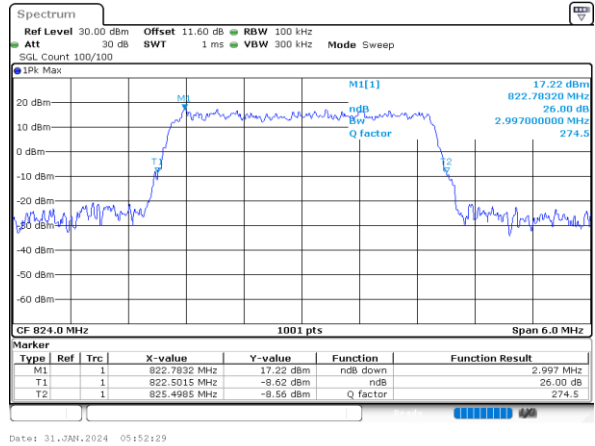


LTE Band 26

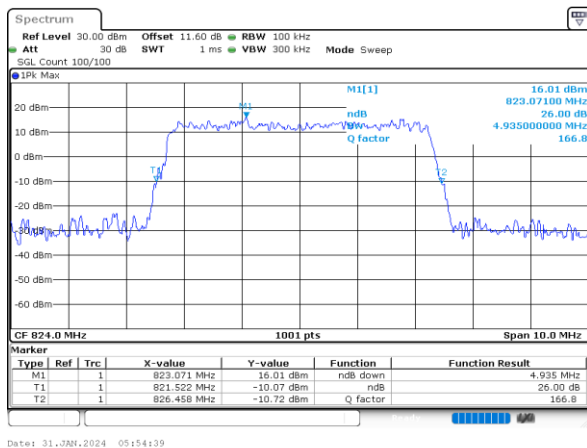
824MHzchannel / 1.4MHz / 64QAM



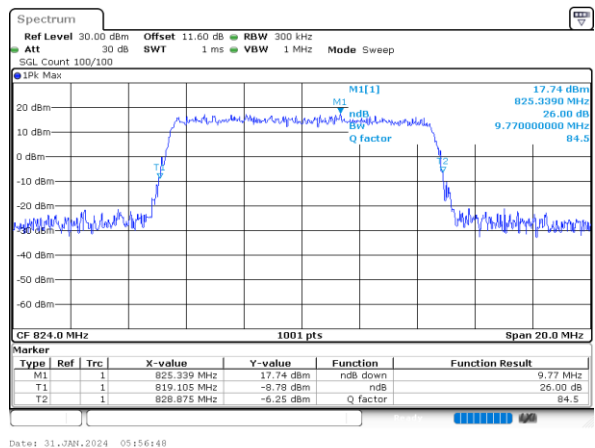
824MHzchannel / 3MHz / 64QAM



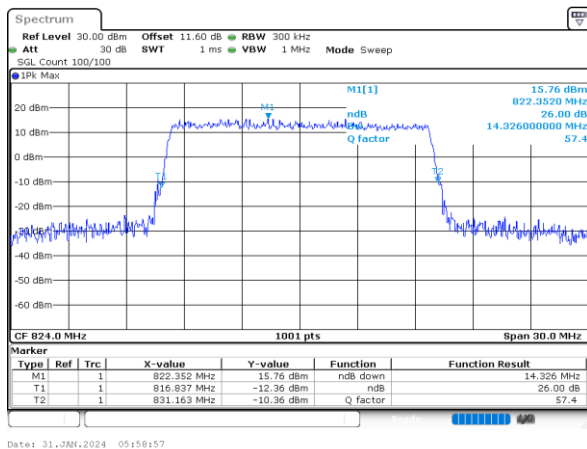
824MHzchannel / 5MHz / 64QAM



824MHzchannel / 10MHz / 64QAM



824MHzchannel / 15MHz / 64QAM



N/A

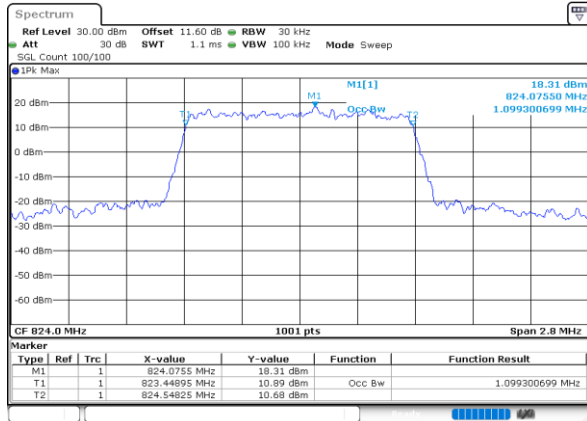
**Occupied Bandwidth**

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
824MHz	1.09	1.09	2.72	2.71	4.48	4.49	9.03	8.99	13.39	13.45	-	-
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
824MHz	1.09	-	2.73	-	4.49	-	9.01	-	13.39	-	-	-

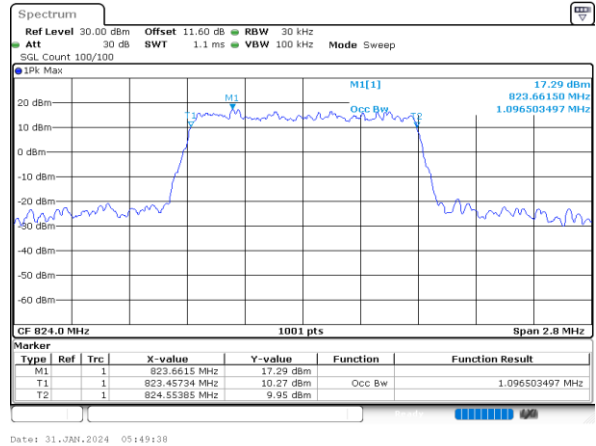


LTE Band 26

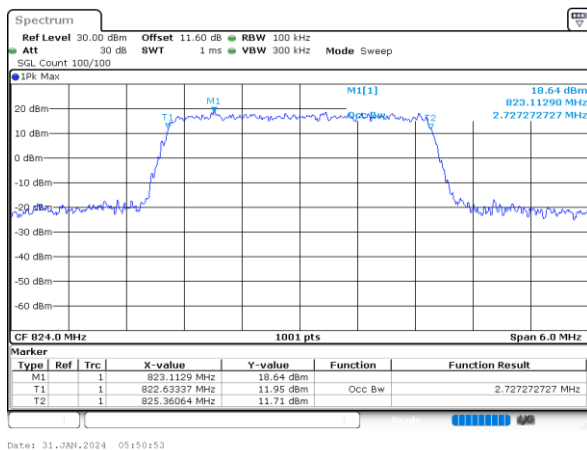
824MHzchannel / 1.4MHz / QPSK



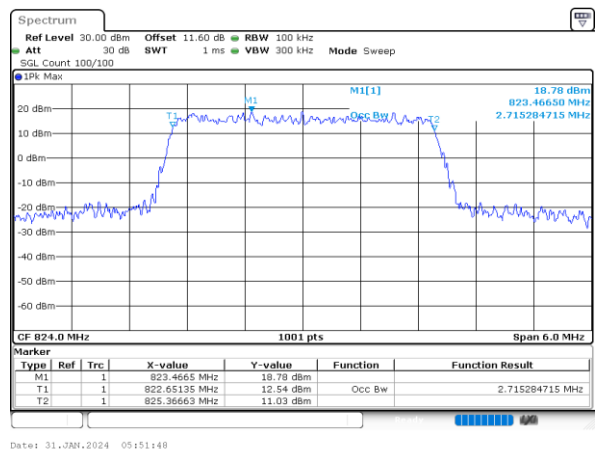
824MHzchannel / 1.4MHz / 16QAM



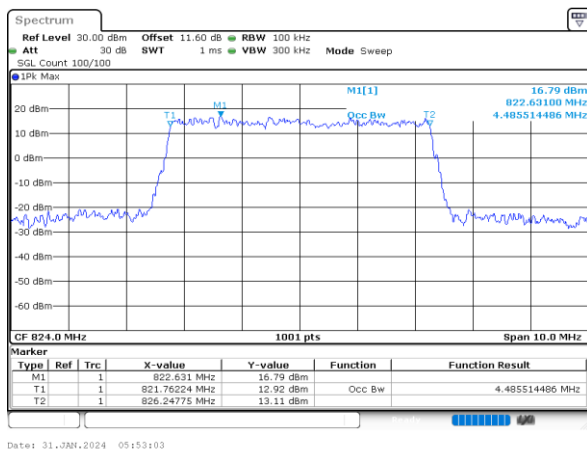
824MHzchannel / 3MHz / QPSK



824MHzchannel / 3MHz / 16QAM



824MHzchannel / 5MHz / QPSK



824MHzchannel / 5MHz / 16QAM

