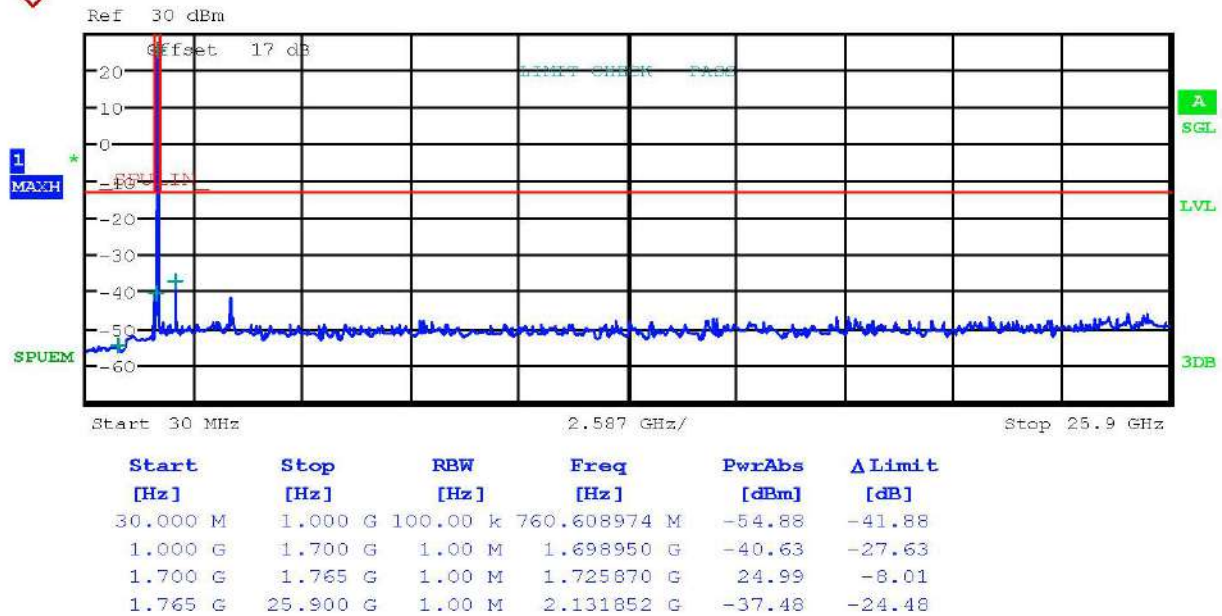




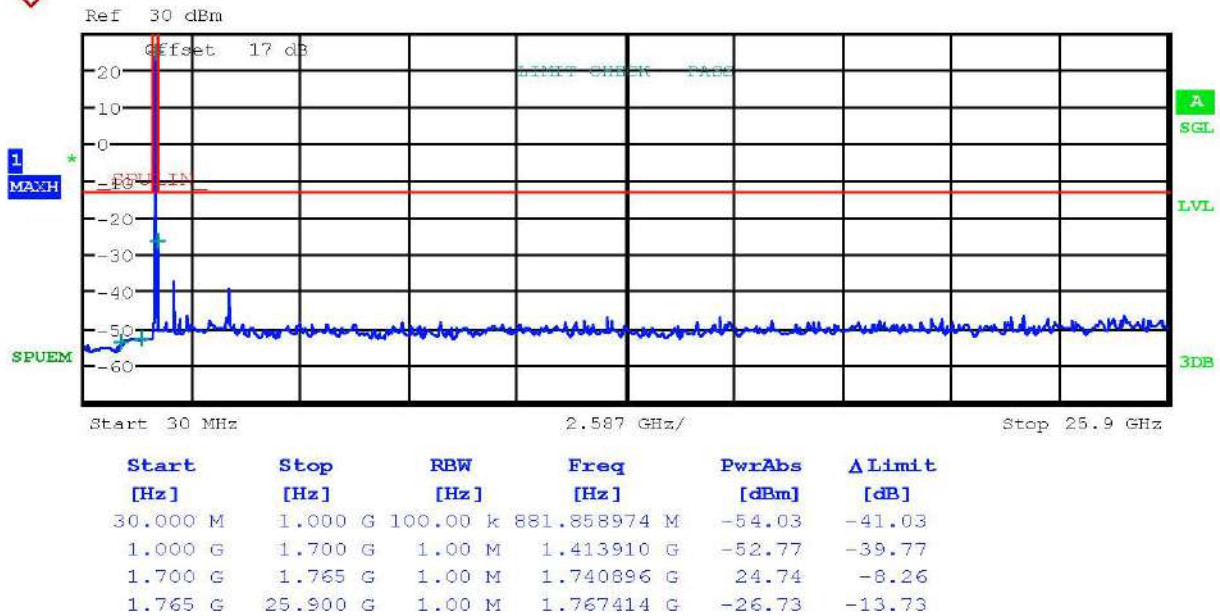
Report Number: W6R22209-22106-P-247
FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 20:16:21



Report Number: W6R22209-22106-P-247
FCC ID: GX9HYGWGEN2



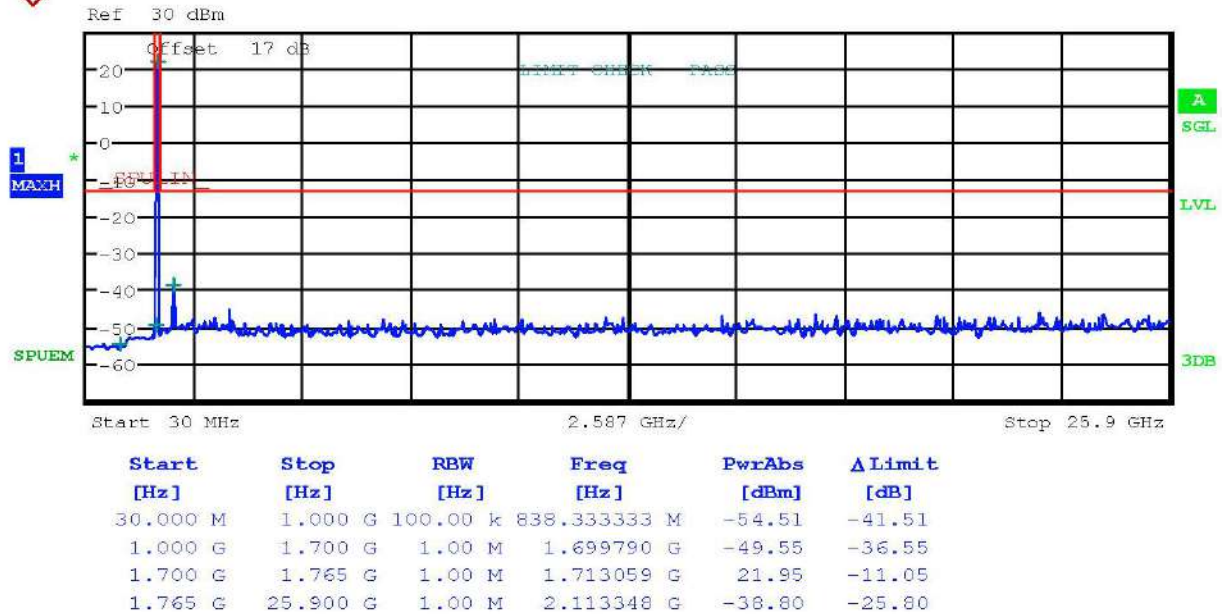
Date: 5.OCT.2022 20:16:42



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

20 MHz 16QAM

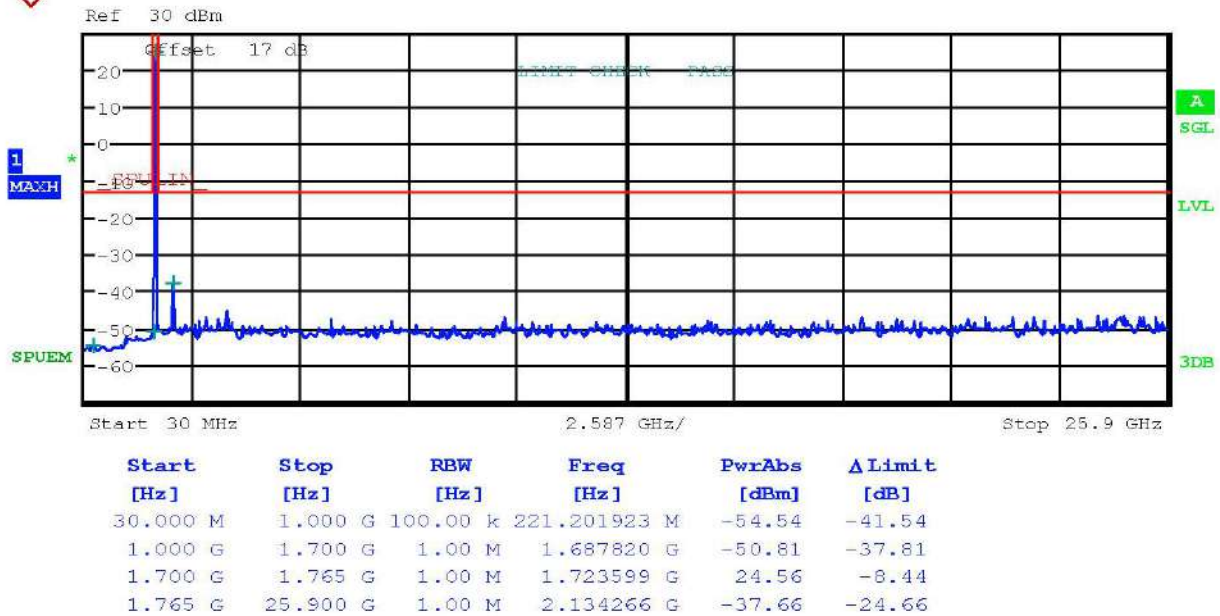


Date: 5.OCT.2022 20:19:13



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

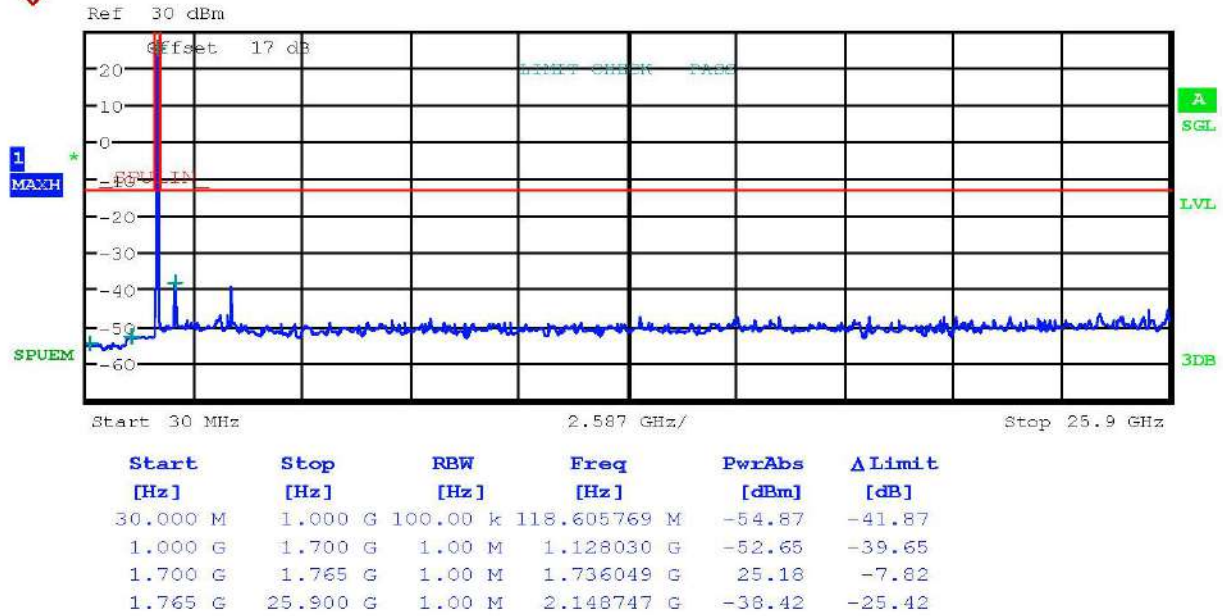


Date: 5.OCT.2022 20:19:34



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

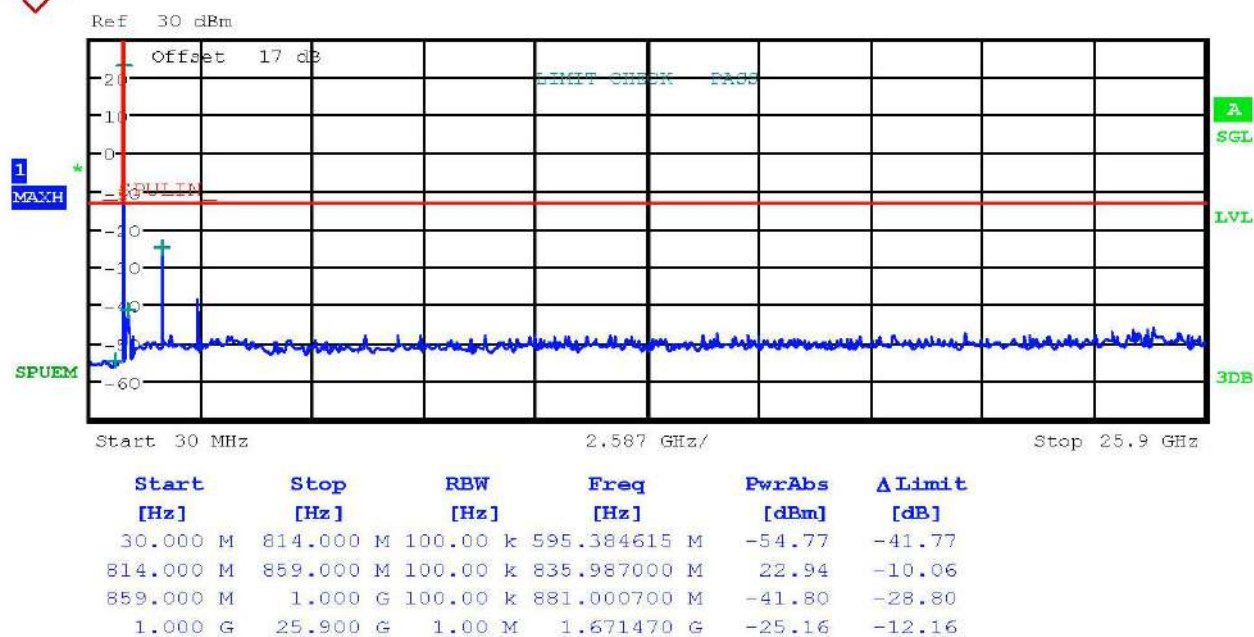


Date: 5.OCT.2022 20:19:59



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



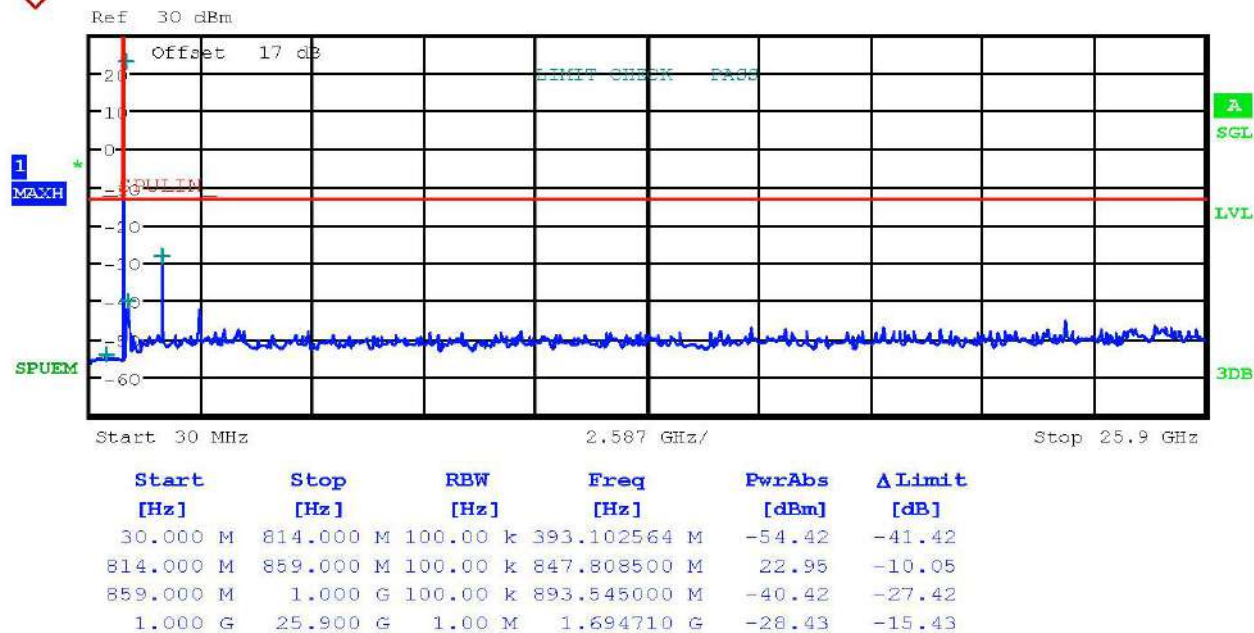
Date: 5.OCT.2022 20:30:20



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 20:29:57



3 MHz QPSK

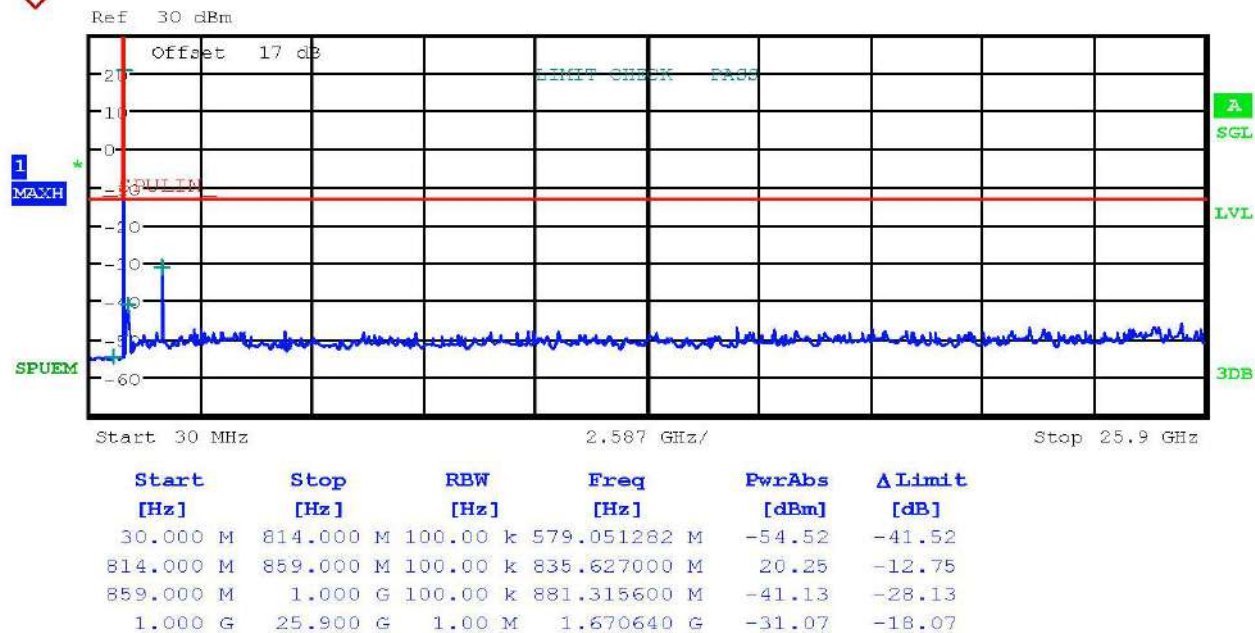


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	592.871795 M	-54.85	-41.85
814.000 M	859.000 M	100.00 k	824.399500 M	20.21	-12.79
859.000 M	1.000 G	100.00 k	870.256500 M	-40.28	-27.28
1.000 G	25.900 G	1.00 M	1.648230 G	-32.57	-19.57



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

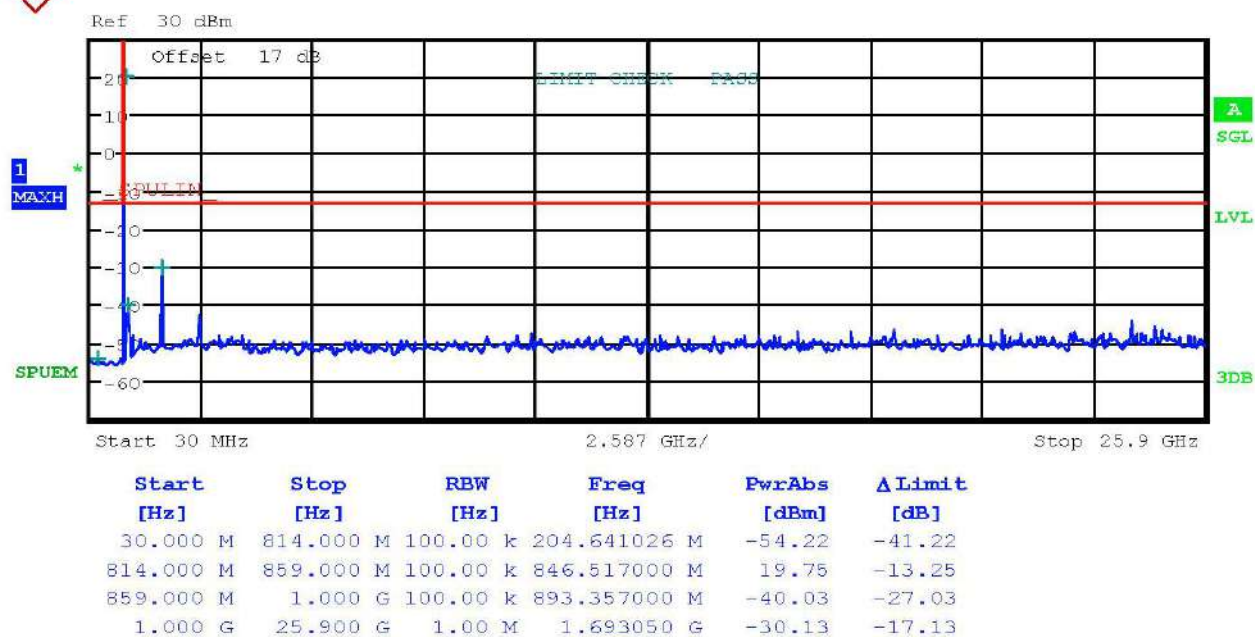


Date: 5.OCT.2022 20:33:54



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



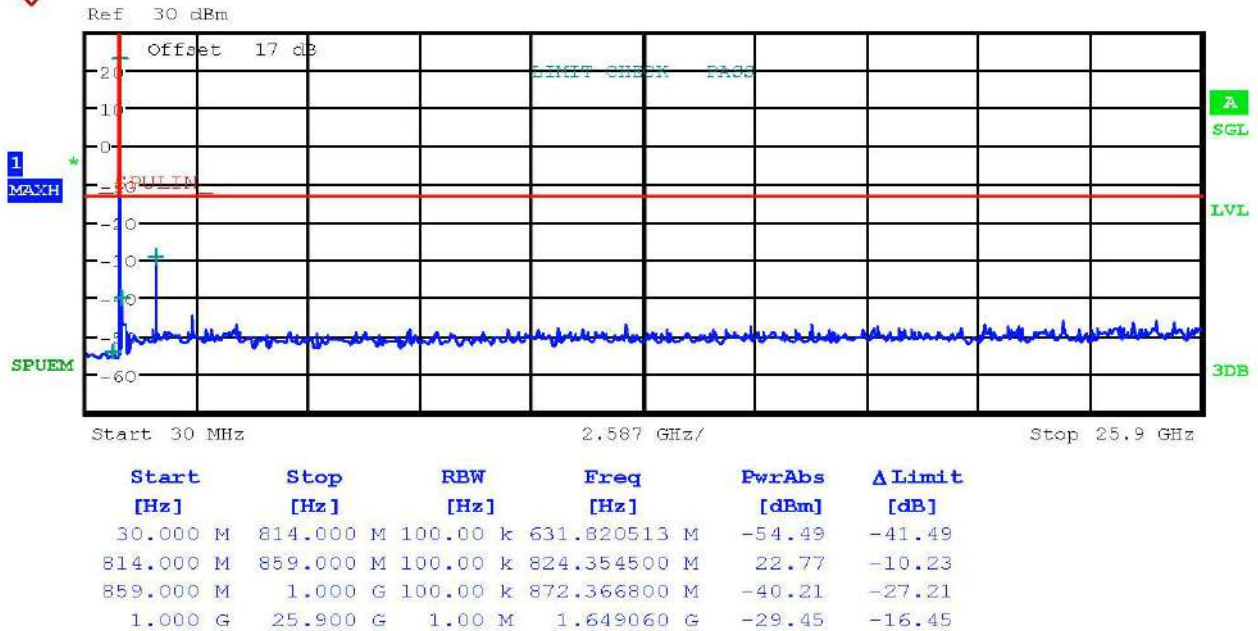
Date: 5.OCT.2022 20:33:31



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz QPSK

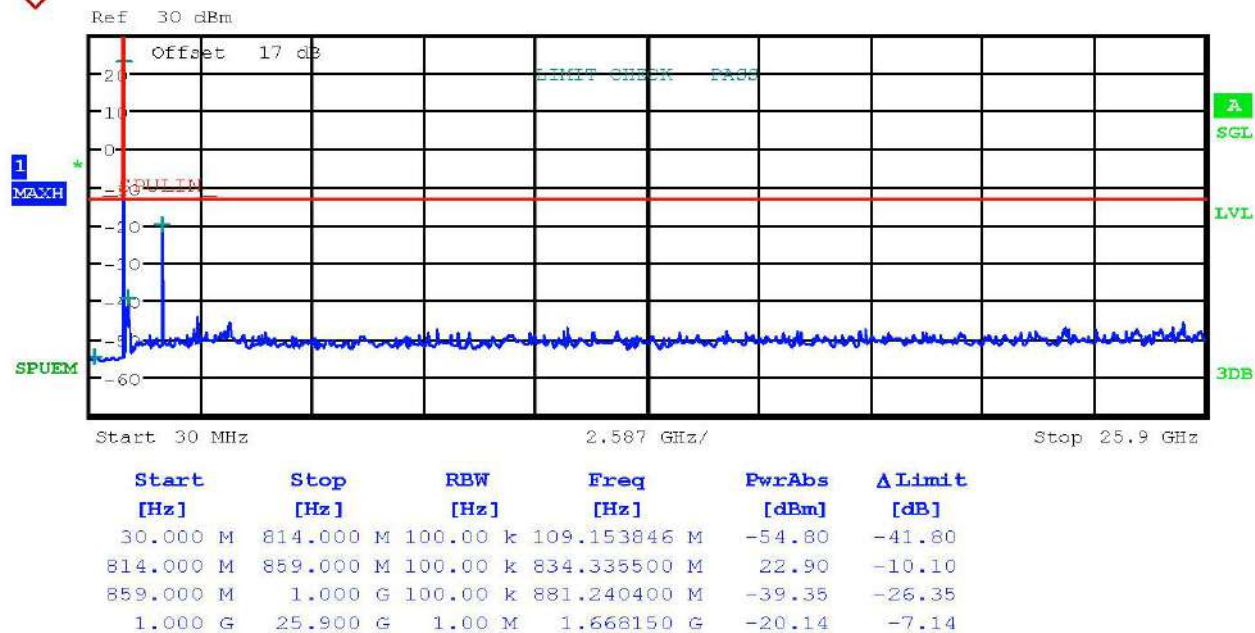


Date: 5.OCT.2022 20:39:28



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



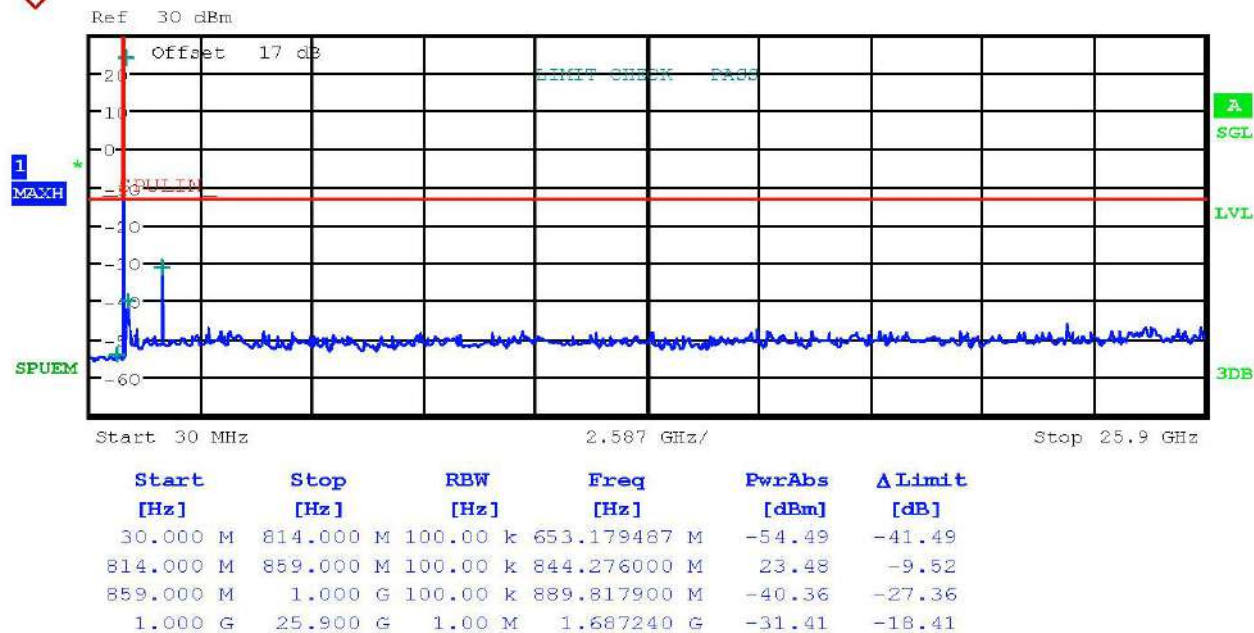
Date: 5.OCT.2022 20:39:09



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 20:38:47

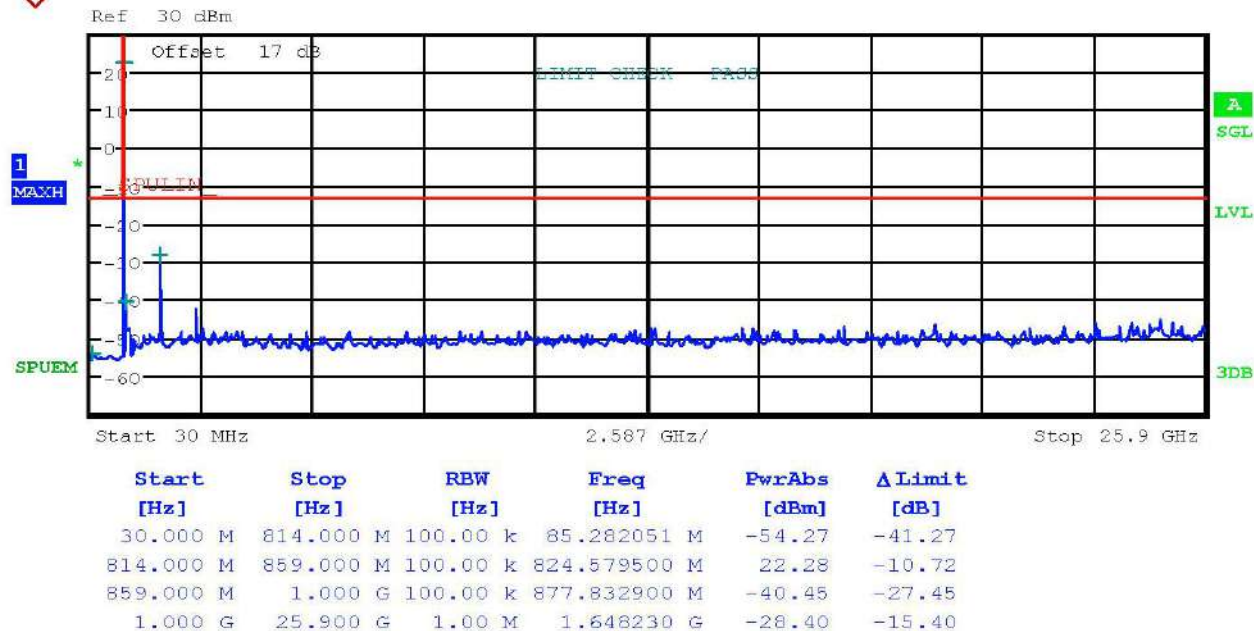


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz QPSK

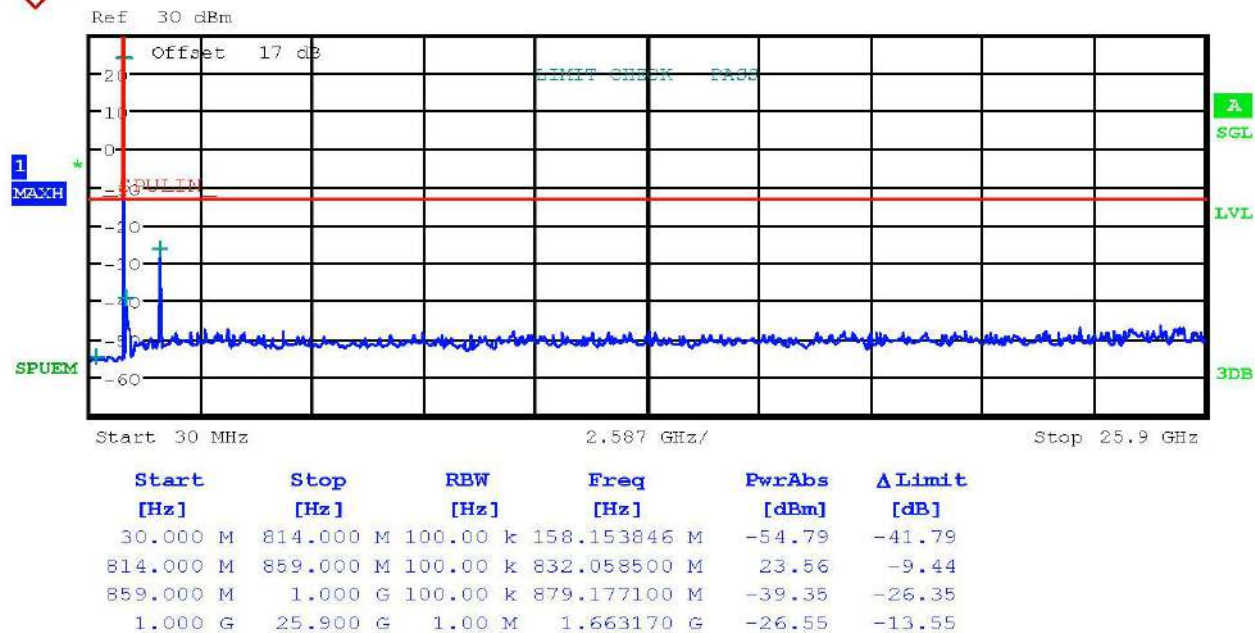


Date: 5.OCT.2022 20:42:48



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



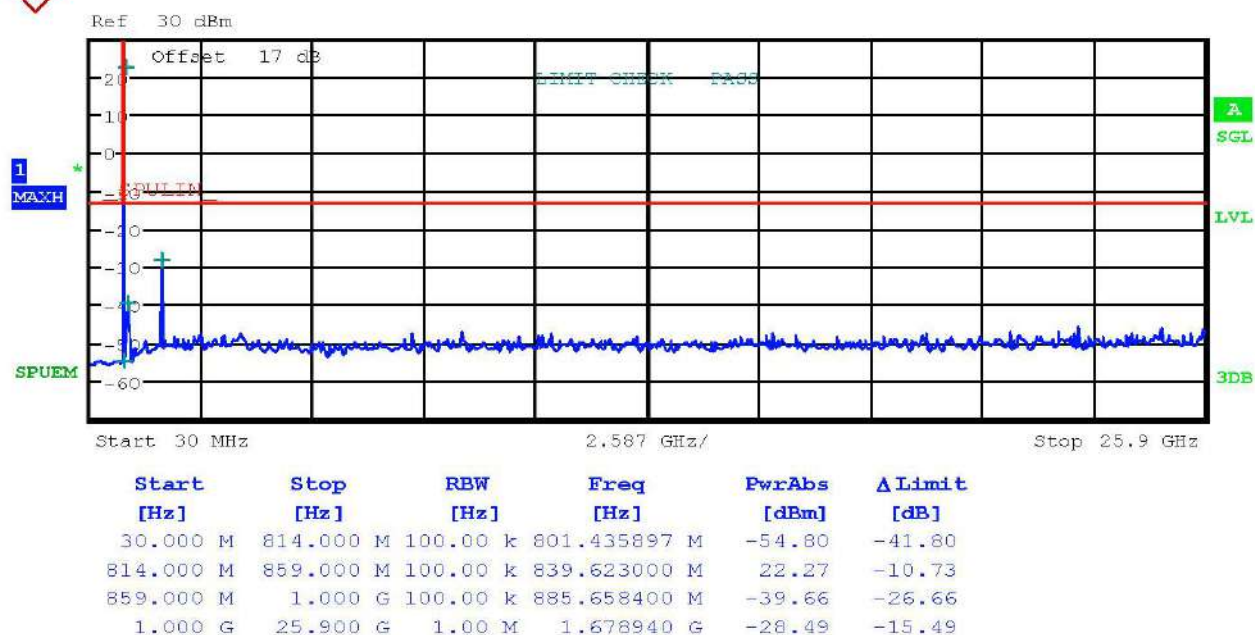
Date: 5.OCT.2022 20:42:26



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 20:42:07

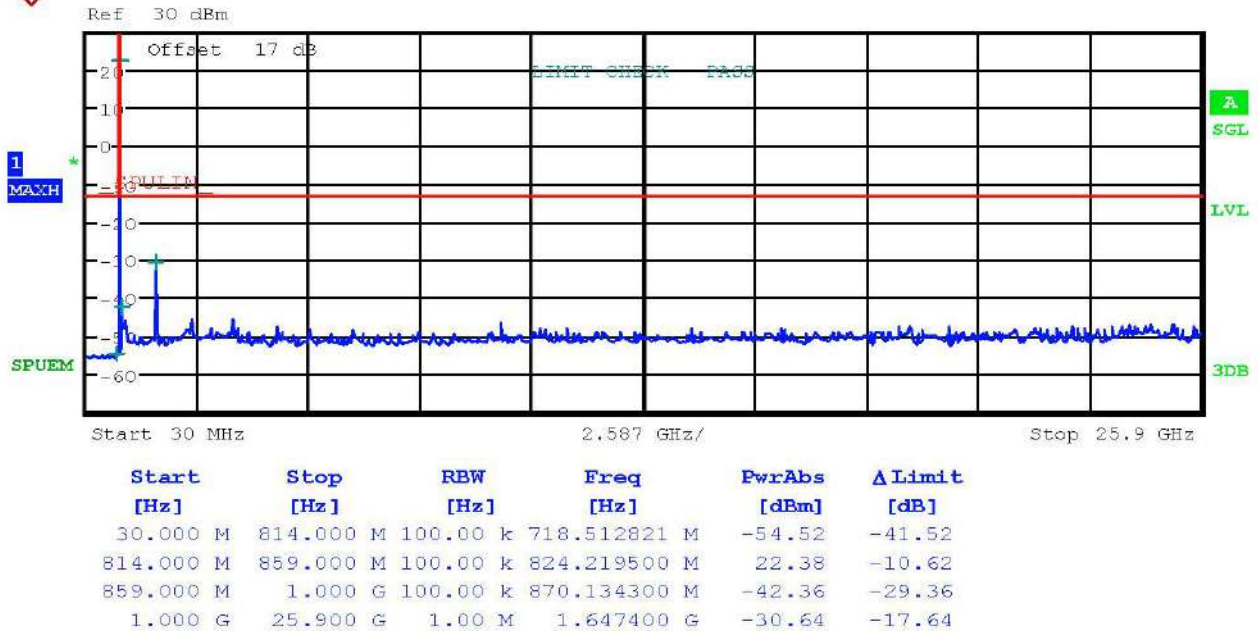


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1.4 MHz 16QAM

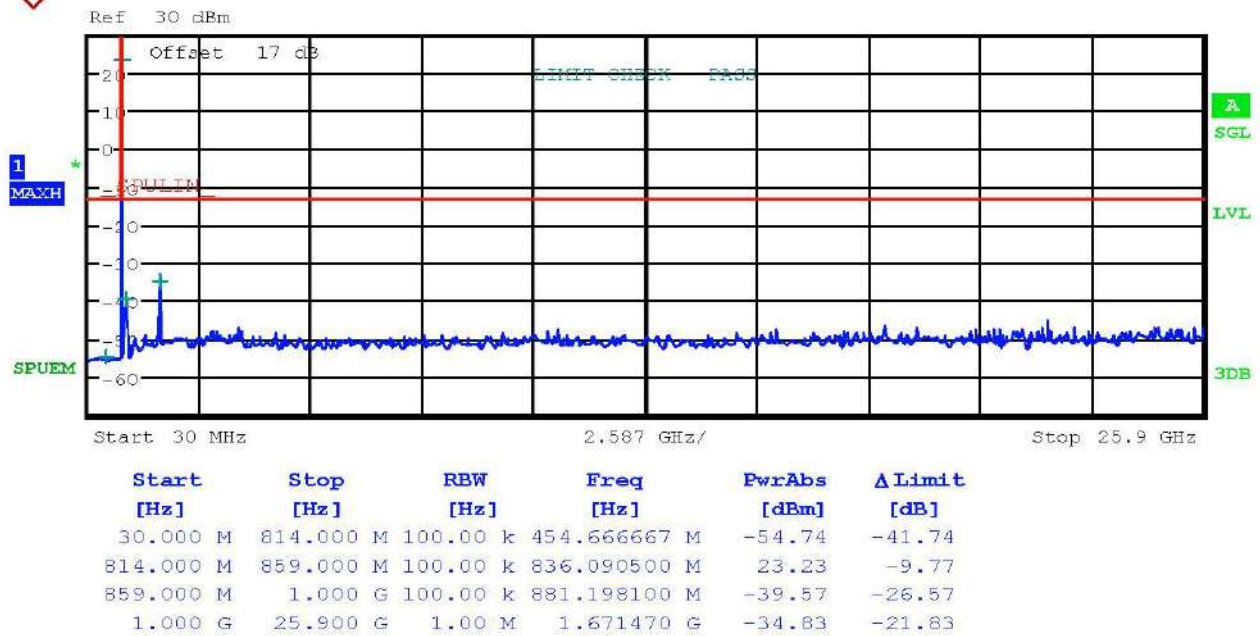


Date: 5.OCT.2022 20:27:56



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

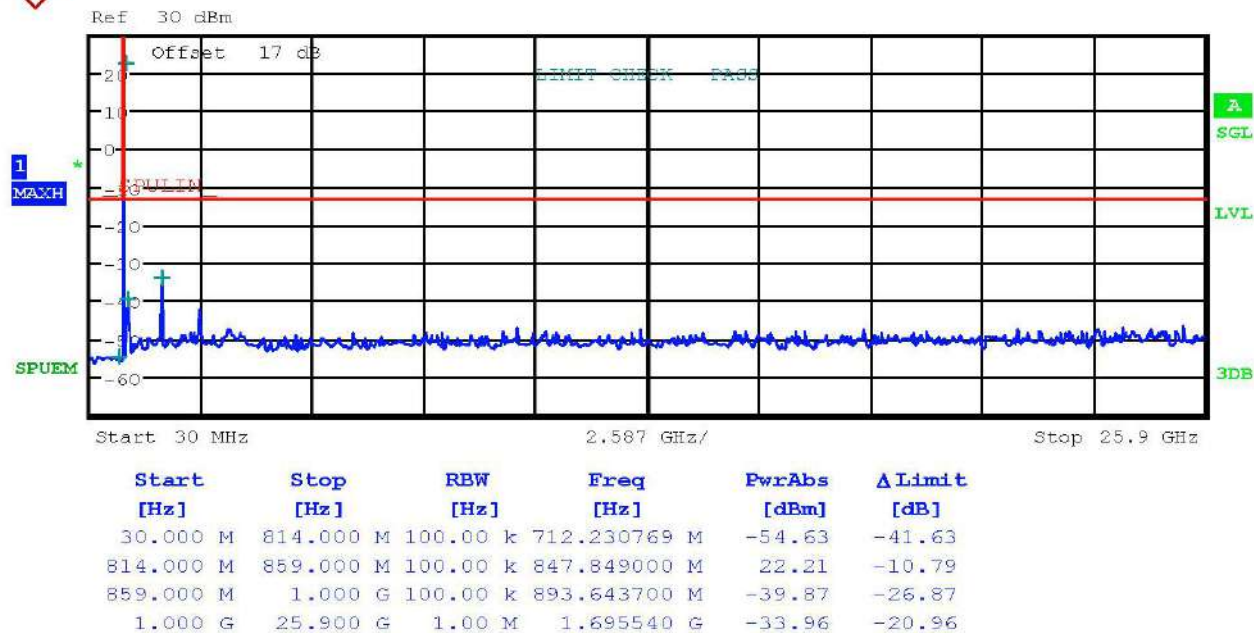


Date: 5.OCT.2022 20:28:27



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



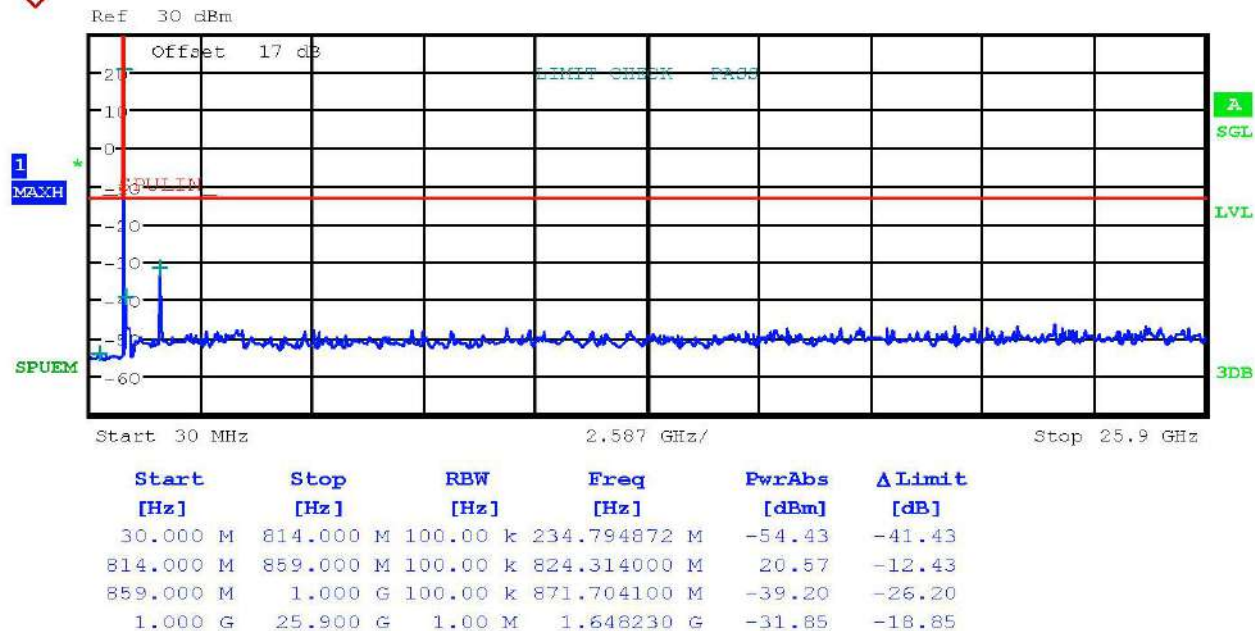
Date: 5.OCT.2022 20:28:50



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz 16QAM

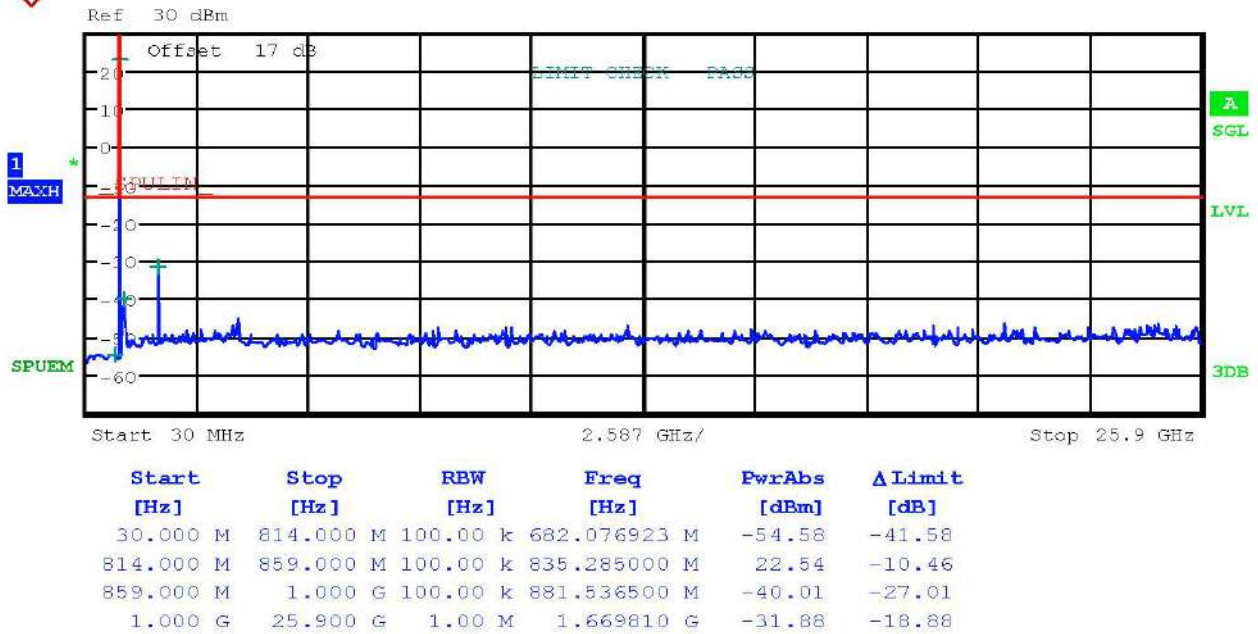


Date: 5.OCT.2022 20:31:48



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

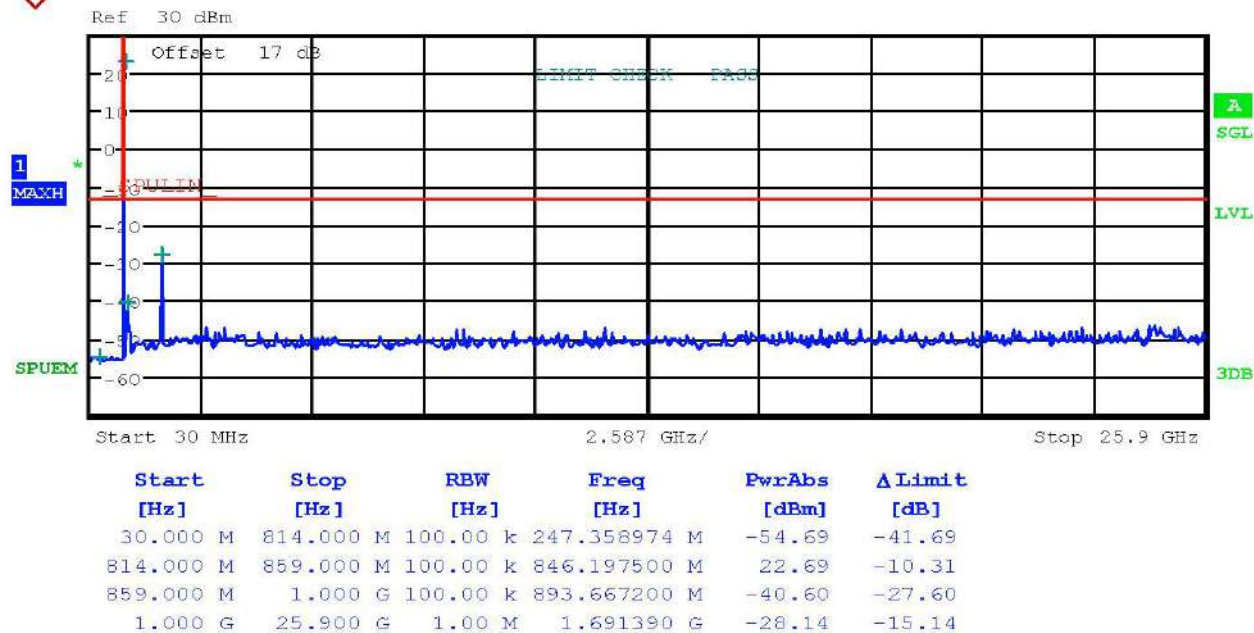


Date: 5.OCT.2022 20:32:14



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



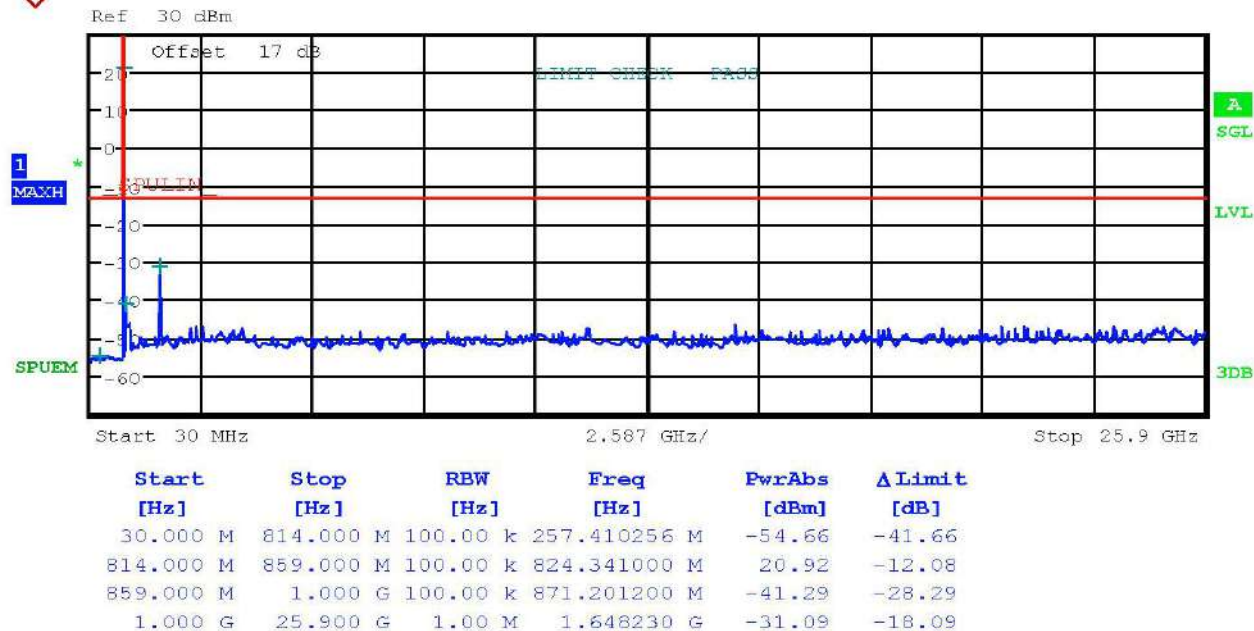
Date: 5.OCT.2022 20:33:03



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz 16QAM



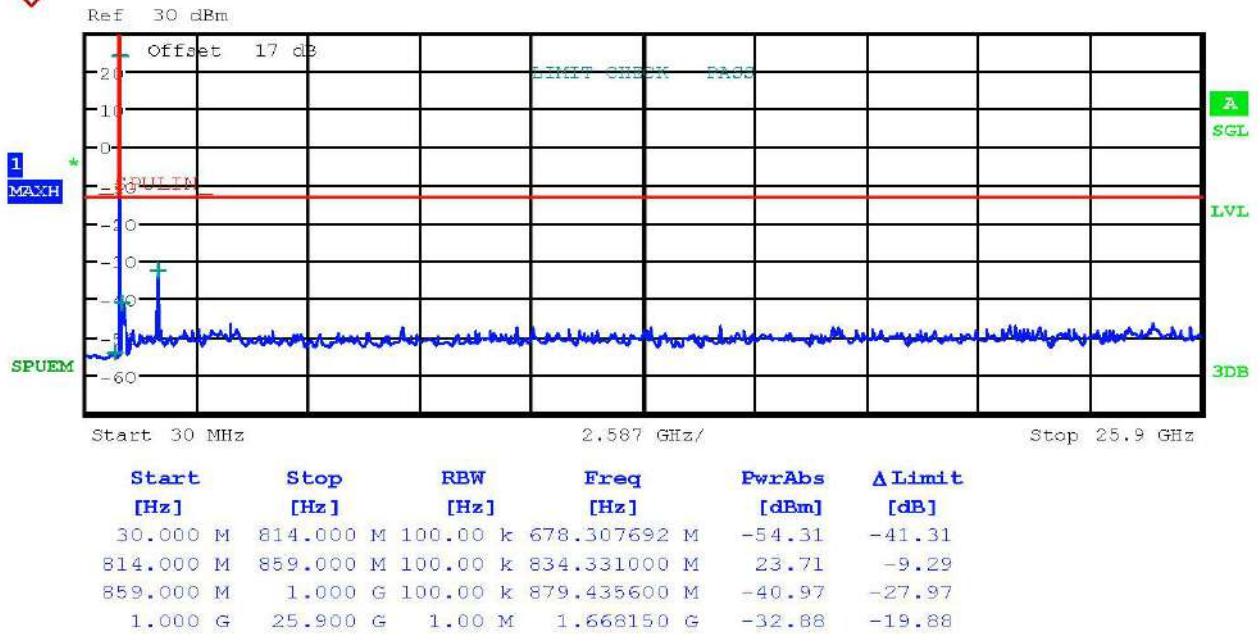
Date: 5.OCT.2022 20:36:58



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

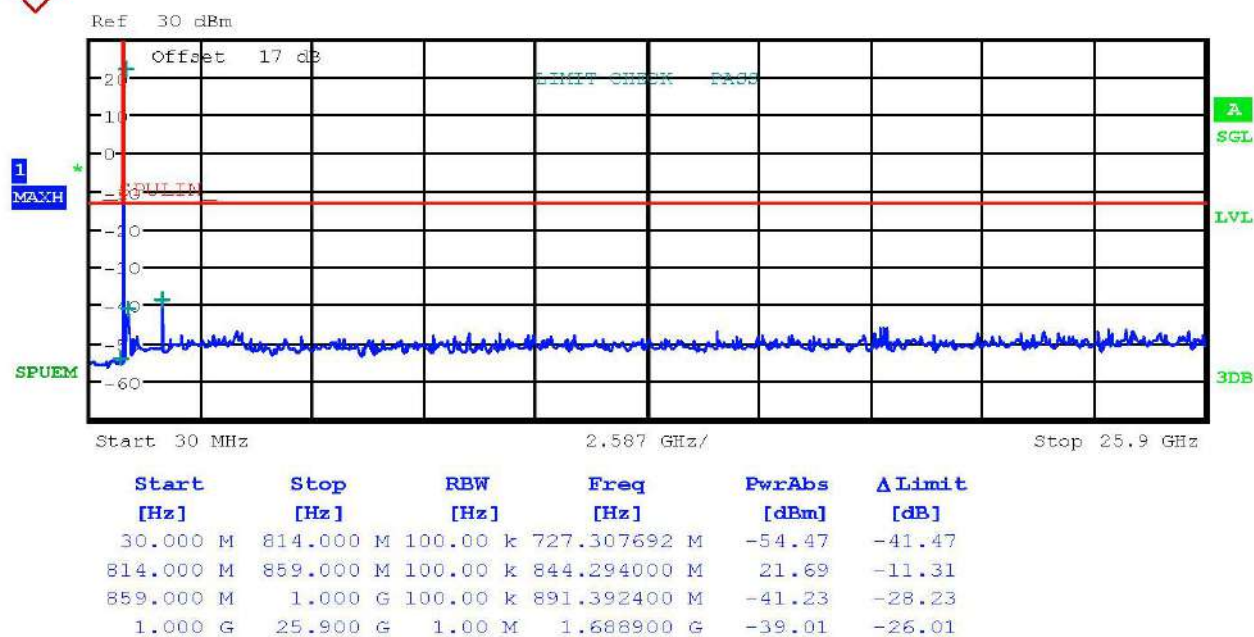


Date: 5.OCT.2022 20:37:18



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



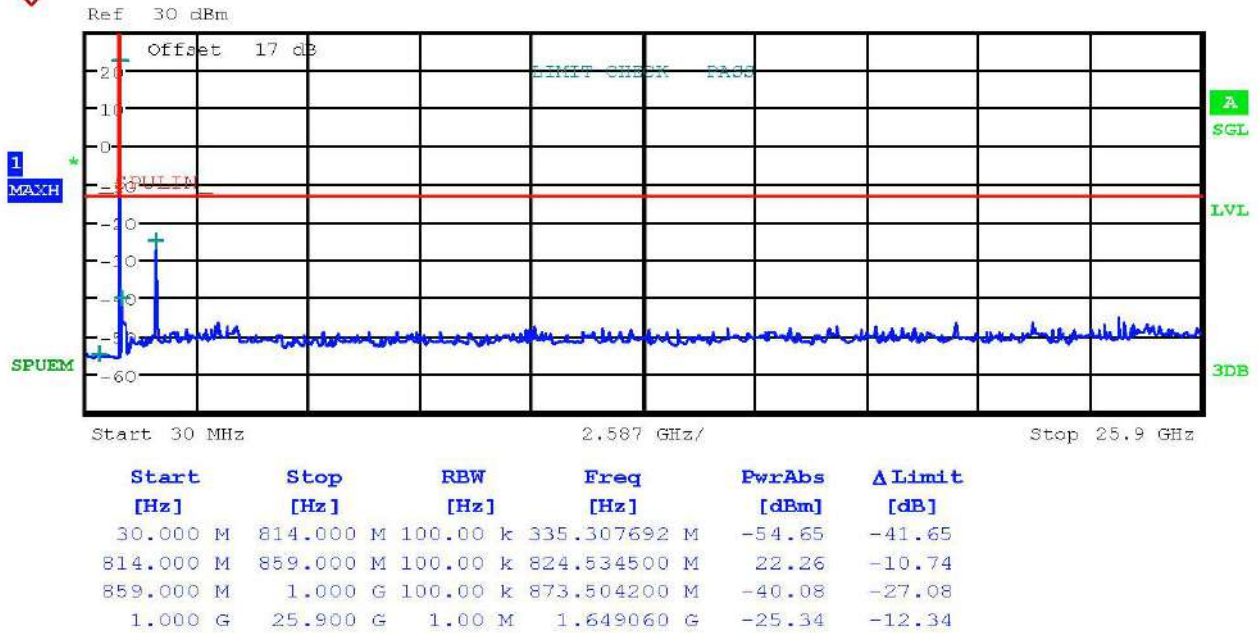
Date: 5.OCT.2022 20:37:39



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz 16QAM



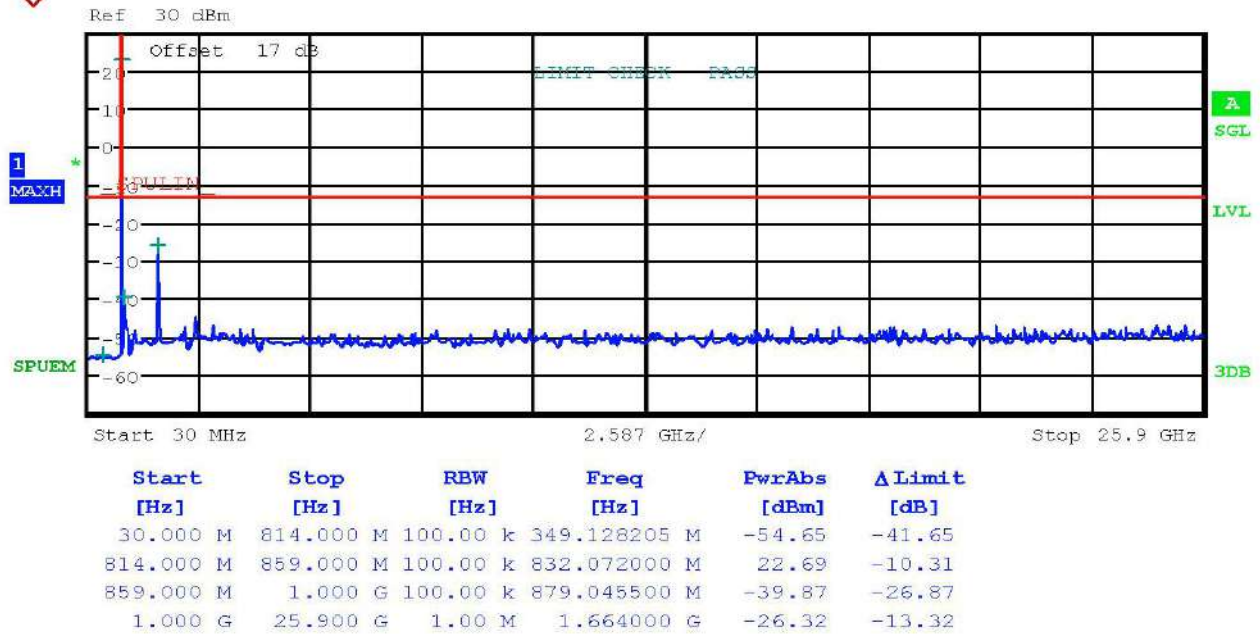
Date: 5.OCT.2022 20:40:43



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



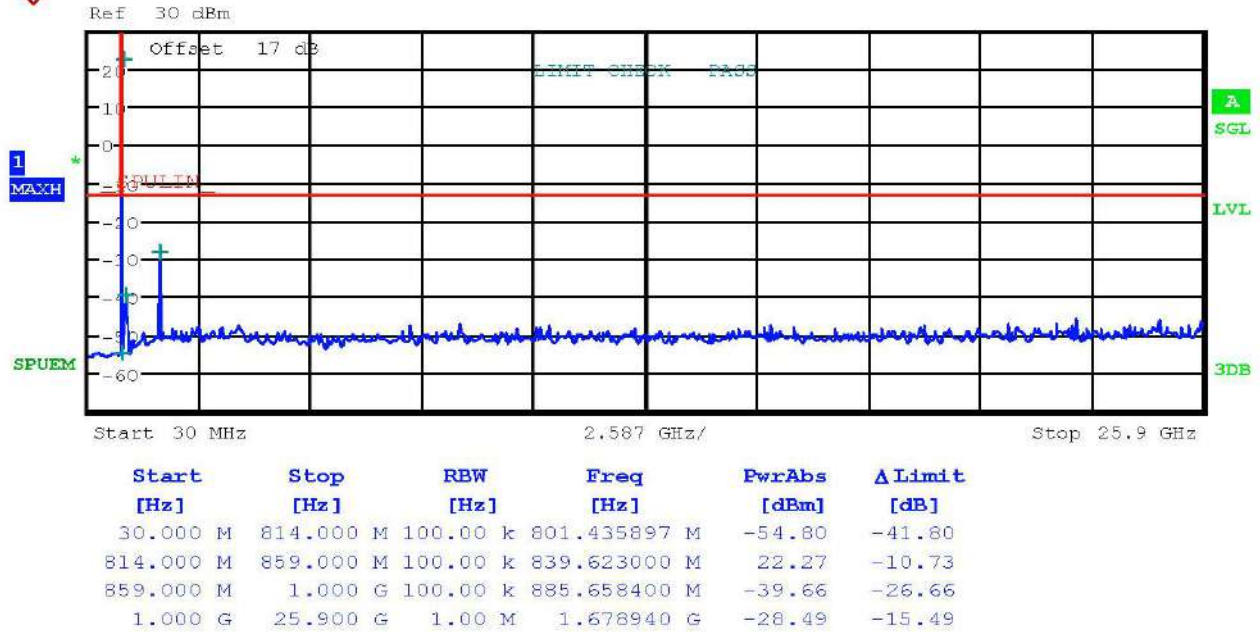
Date: 5.OCT.2022 20:41:18



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 20:41:40

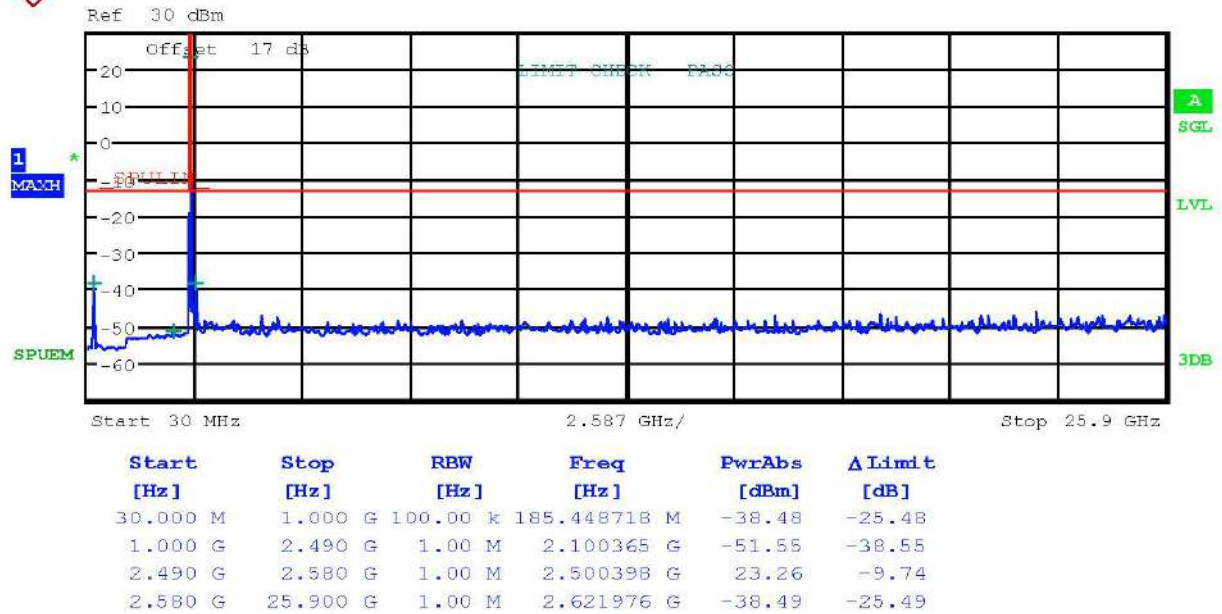


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

Band 7

5 MHz QPSK

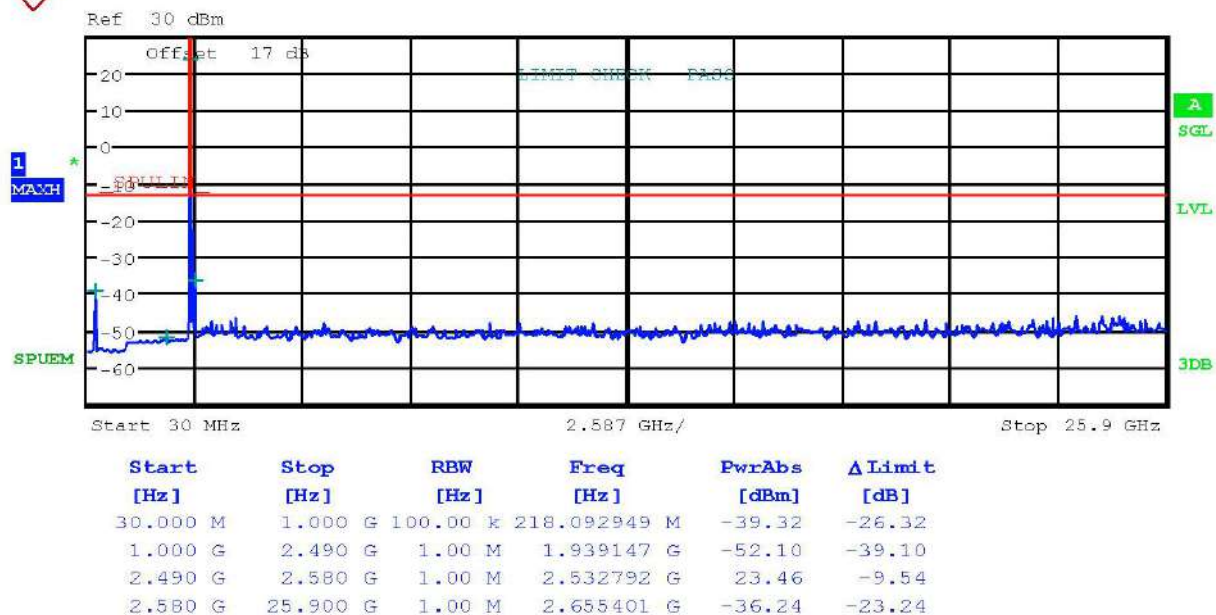


Date: 5.OCT.2022 20:50:20



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWWEN2

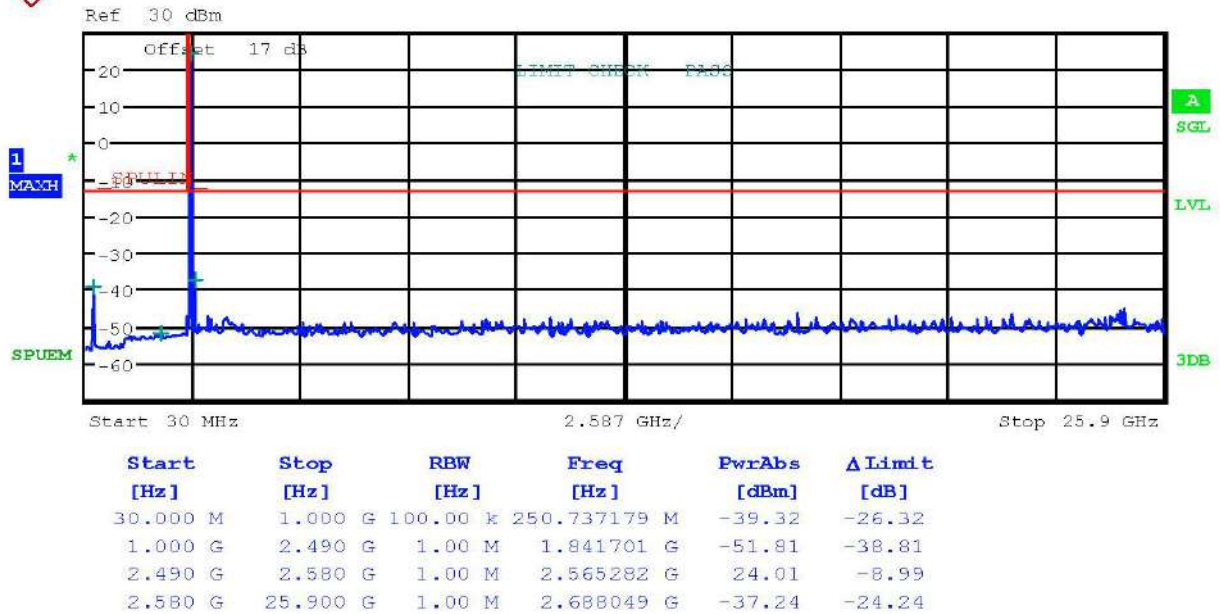


Date: 5.OCT.2022 20:50:47



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



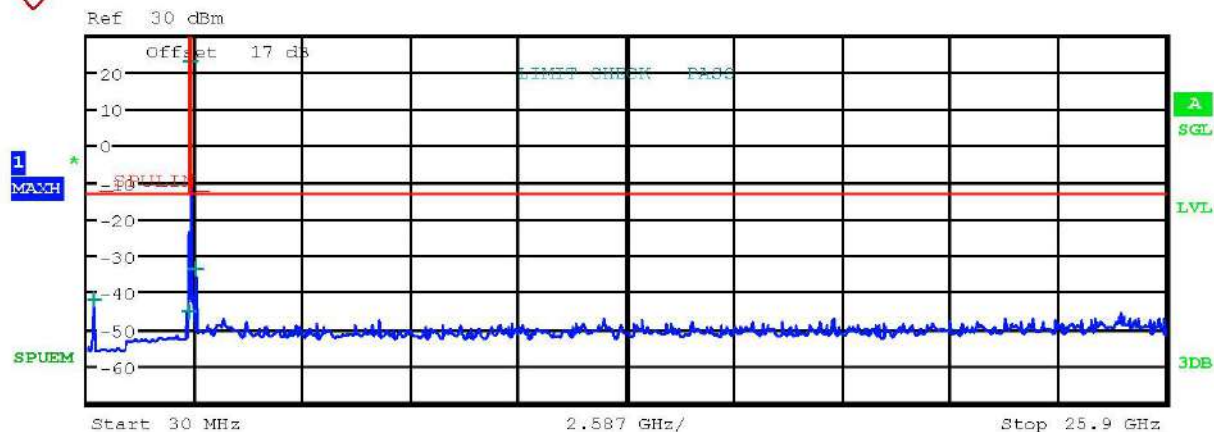
Date: 5.OCT.2022 20:51:12



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz QPSK



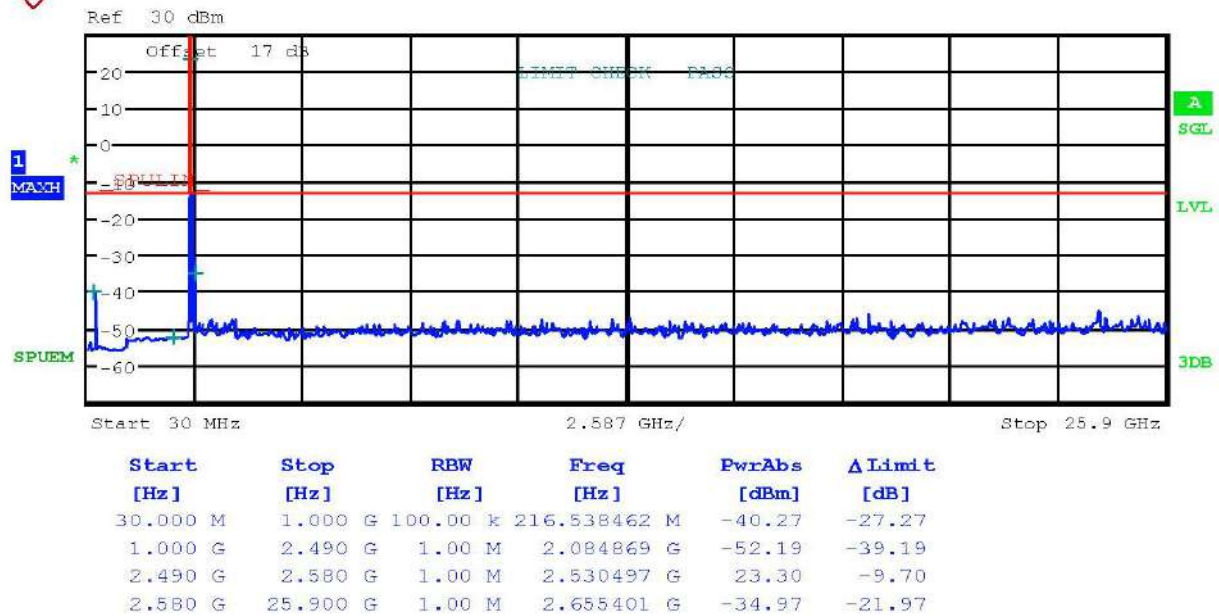
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 K	187.003205 M	-42.25	-29.25
1.000 G	2.490 G	1.00 M	2.482848 G	-45.34	-32.34
2.490 G	2.580 G	1.00 M	2.500704 G	22.60	-10.40
2.580 G	25.900 G	1.00 M	2.621199 G	-33.60	-20.60

Date: 5.OCT.2022 20:55:00



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

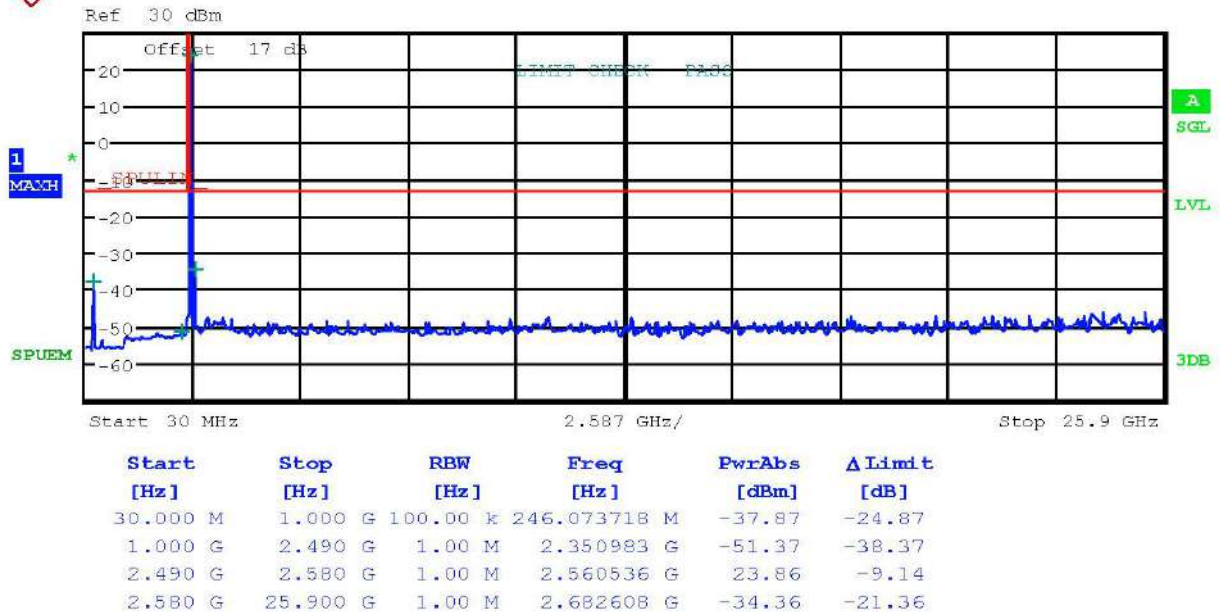


Date: 5.OCT.2022 20:54:40



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

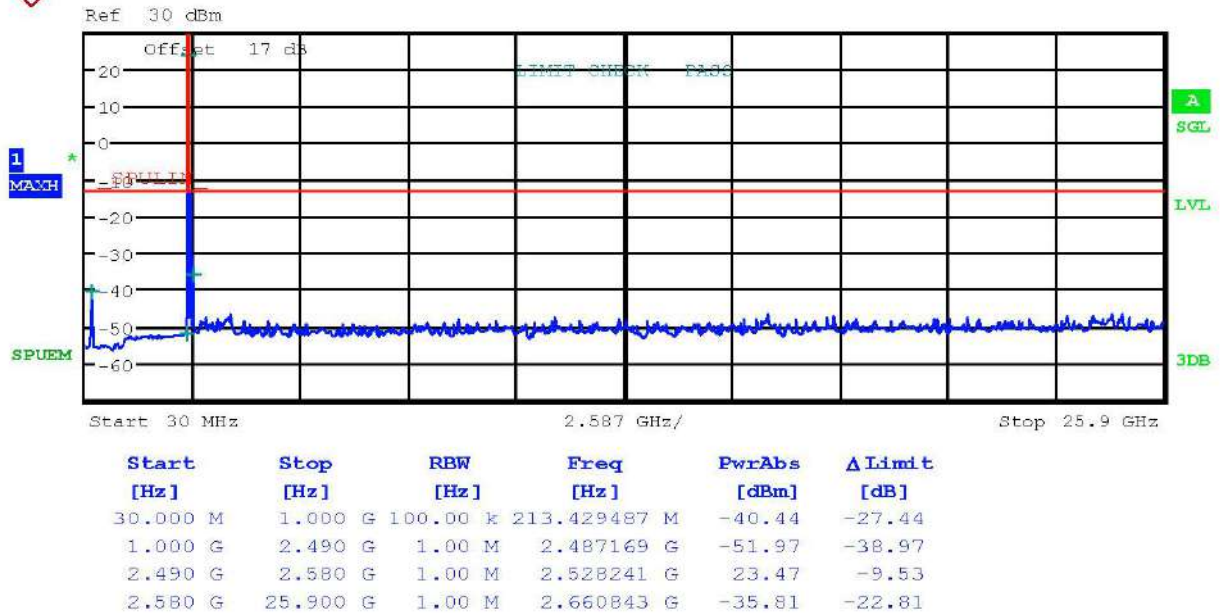


Date: 5.OCT.2022 20:54:08



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

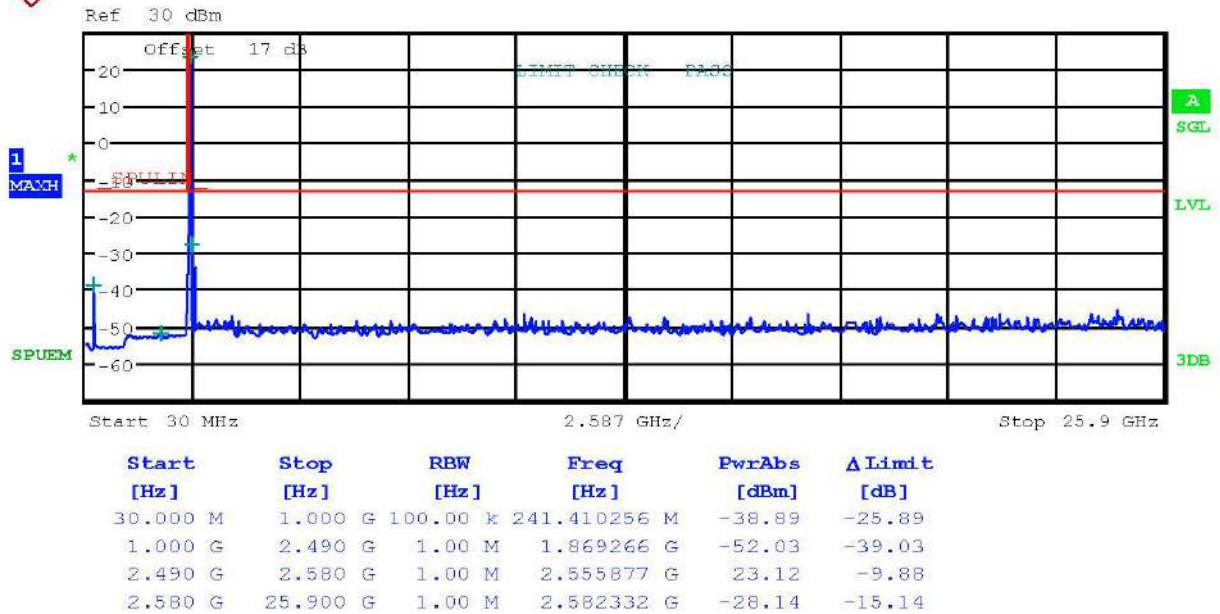


Date: 5.OCT.2022 21:04:51



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 21:04:33

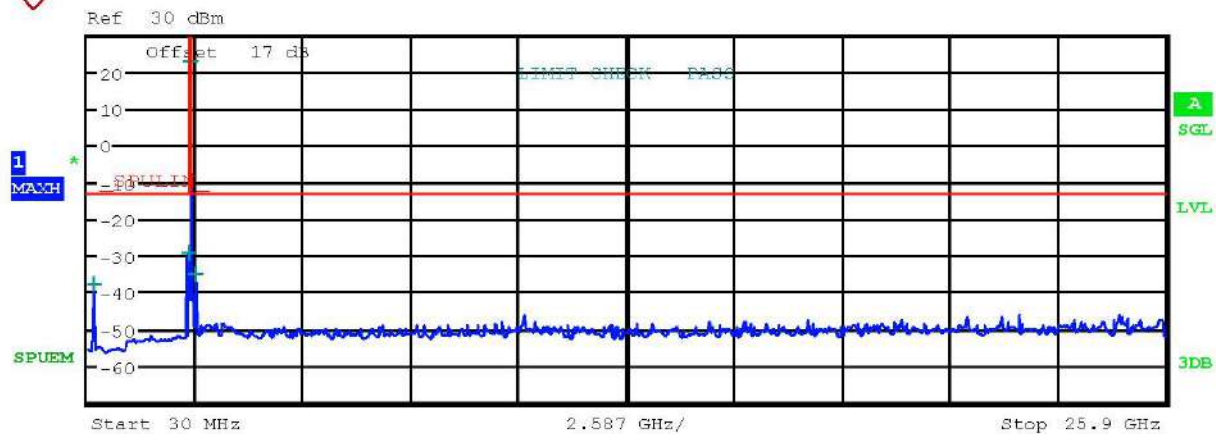


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

20 MHz QPSK



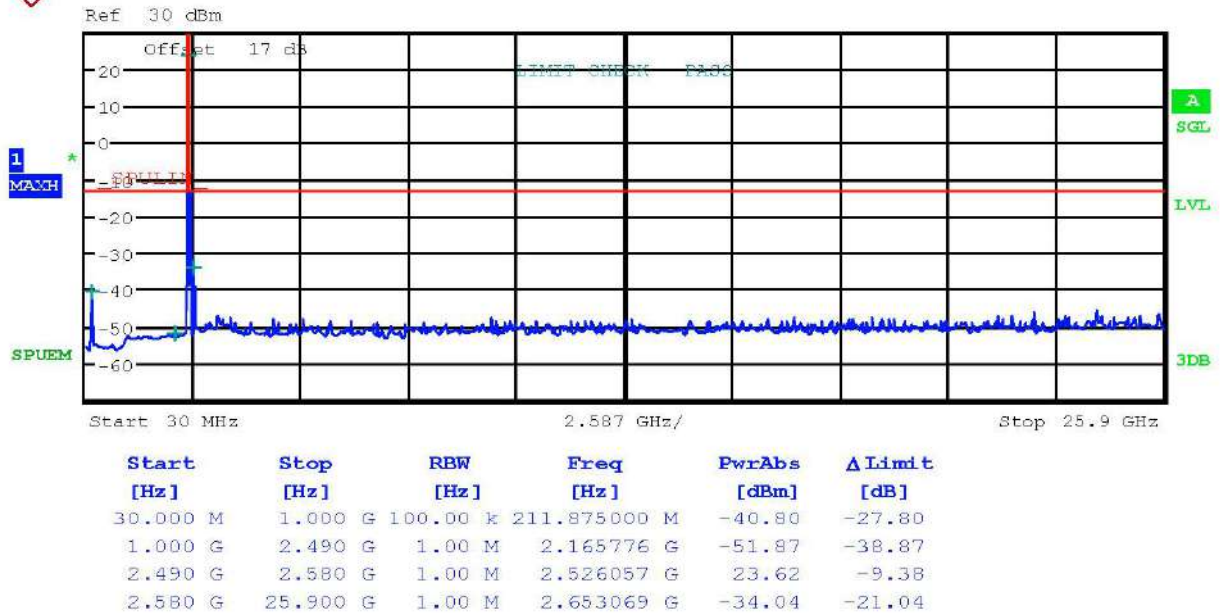
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 K	187.003205 M	-37.98	-24.98
1.000 G	2.490 G	1.00 M	2.483891 G	-29.56	-16.56
2.490 G	2.580 G	1.00 M	2.501121 G	22.77	-10.23
2.580 G	25.900 G	1.00 M	2.632859 G	-35.18	-22.18

Date: 5.OCT.2022 21:07:41



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

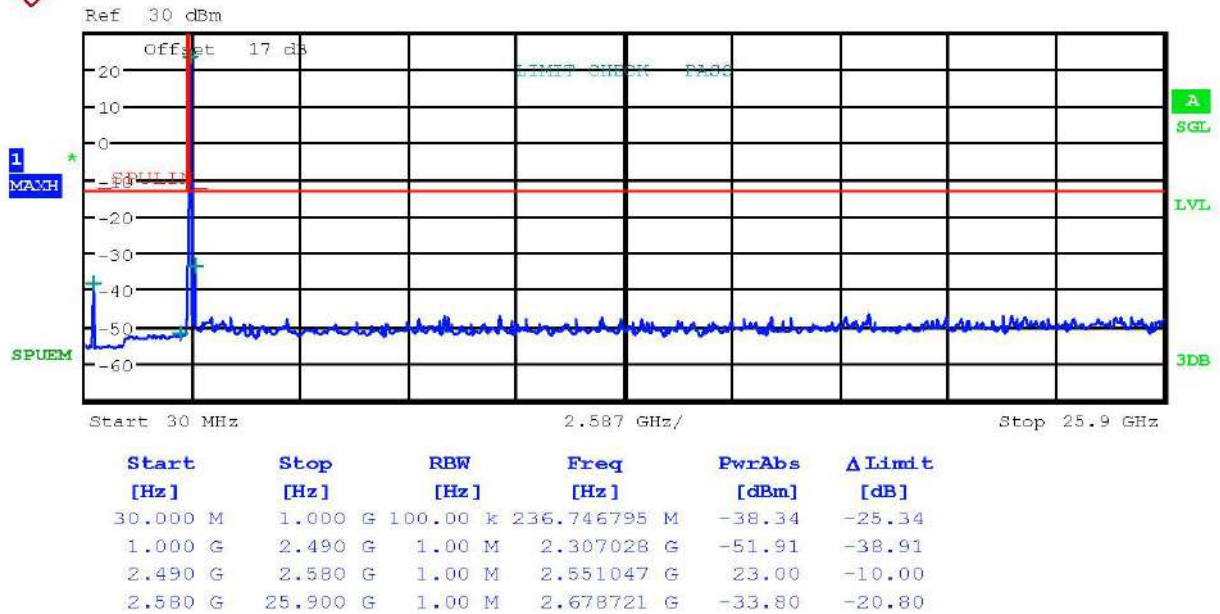


Date: 5.OCT.2022 21:07:23



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



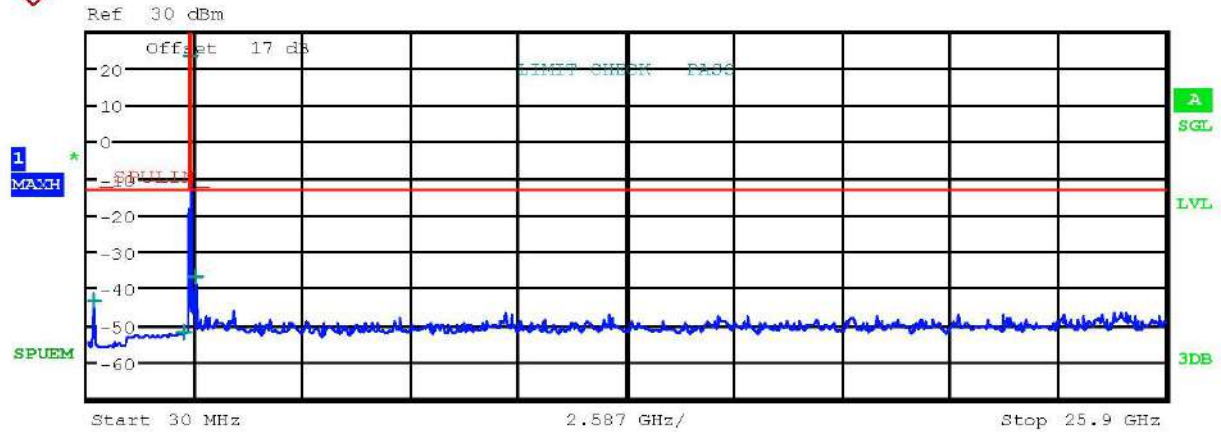
Date: 5.OCT.2022 21:07:04



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz 16QAM



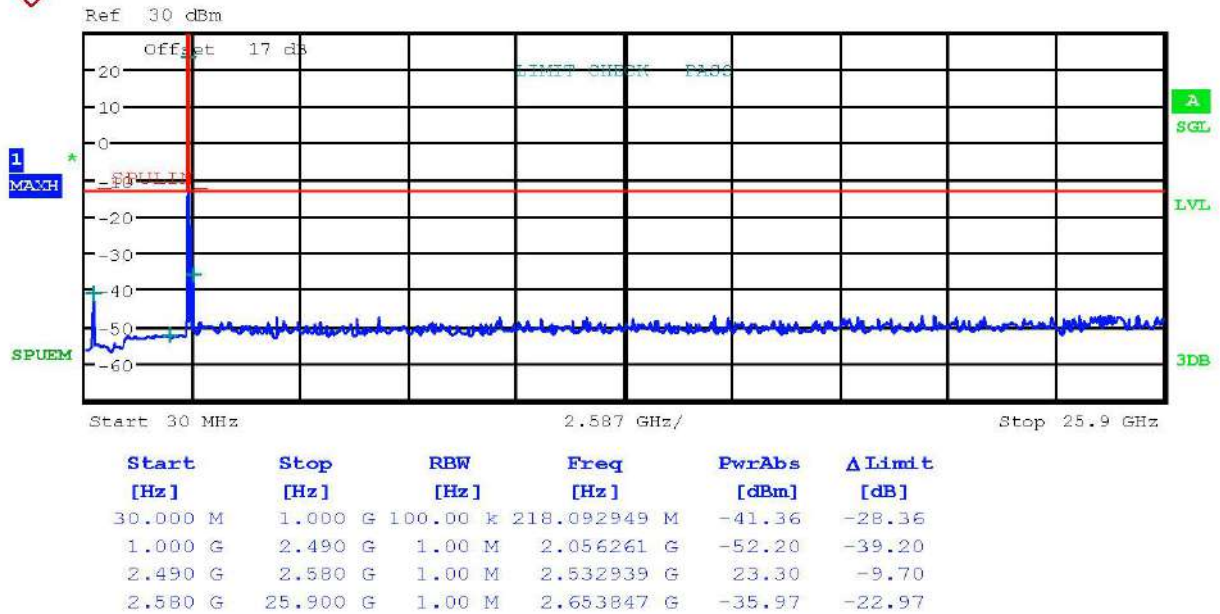
Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	1.000 G	100.00 K	185.448718 M	-43.33	-30.33
1.000 G	2.490 G	1.00 M	2.351579 G	-51.99	-38.99
2.490 G	2.580 G	1.00 M	2.500200 G	23.03	-9.97
2.580 G	25.900 G	1.00 M	2.621976 G	-37.12	-24.12

Date: 5.OCT.2022 20:48:23



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

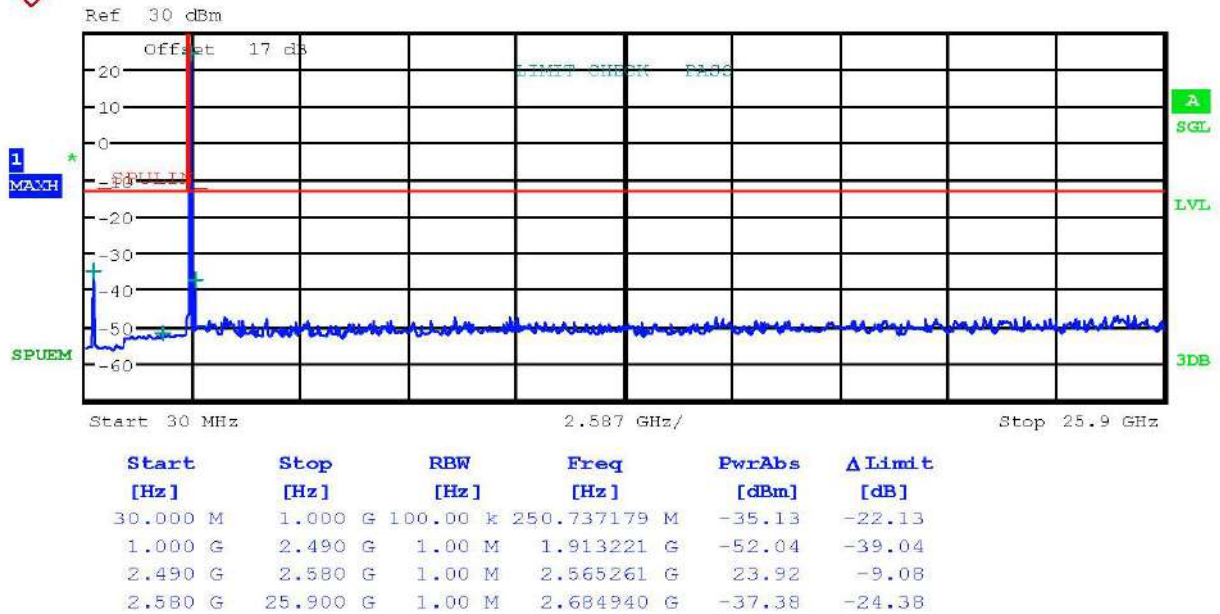


Date: 5.OCT.2022 20:48:47



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



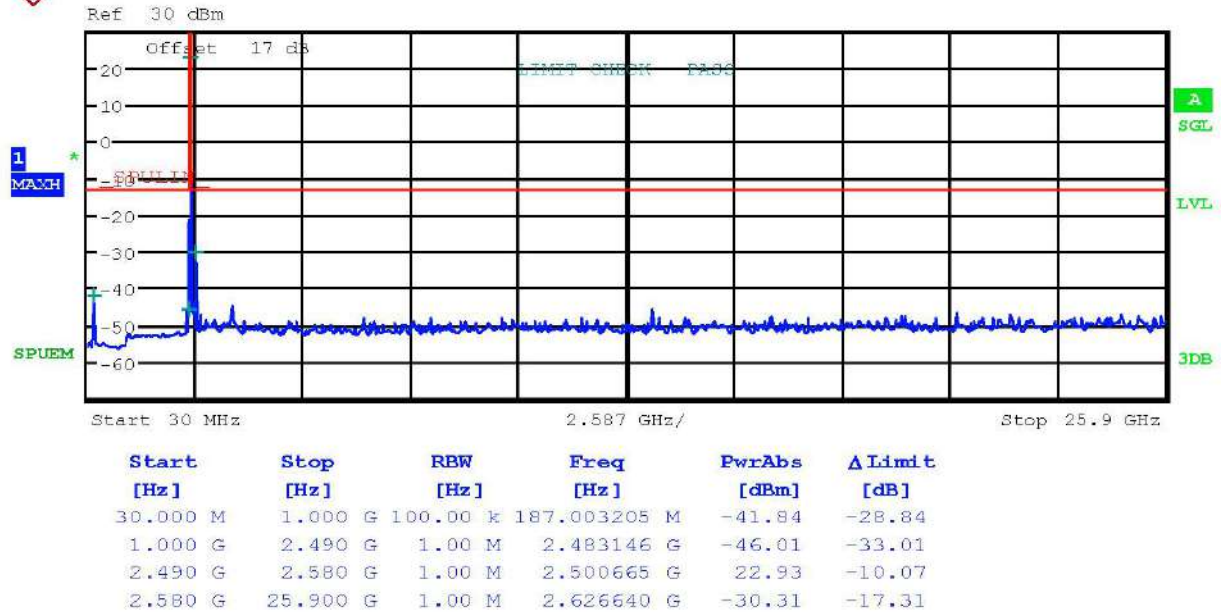
Date: 5.OCT.2022 20:49:21



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz 16QAM

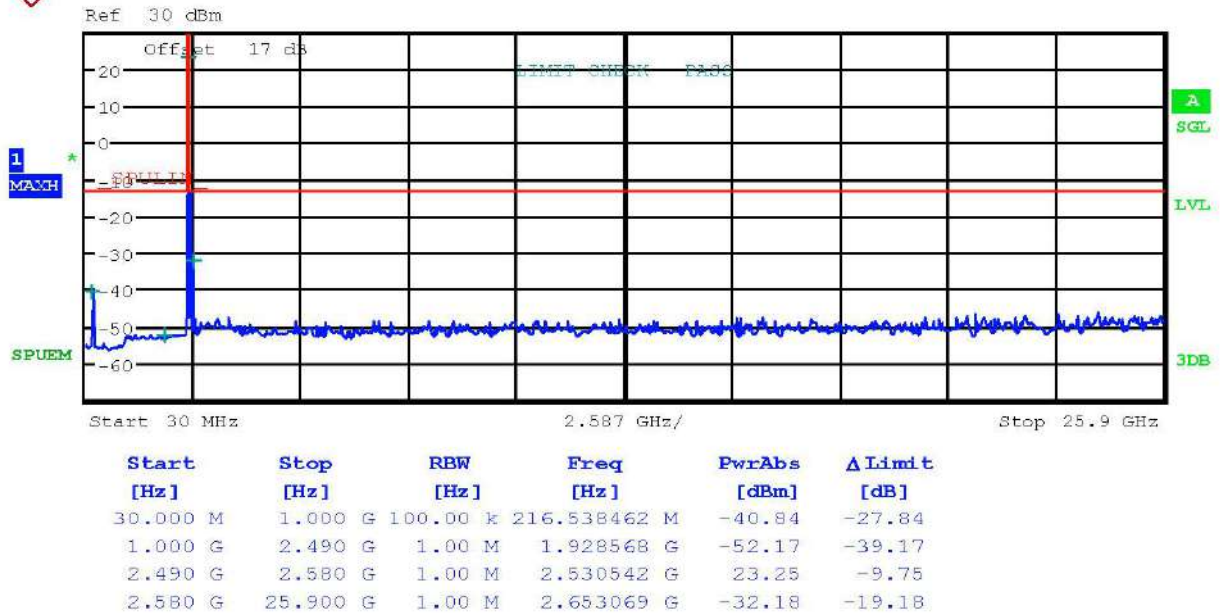


Date: 5.OCT.2022 20:52:49



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

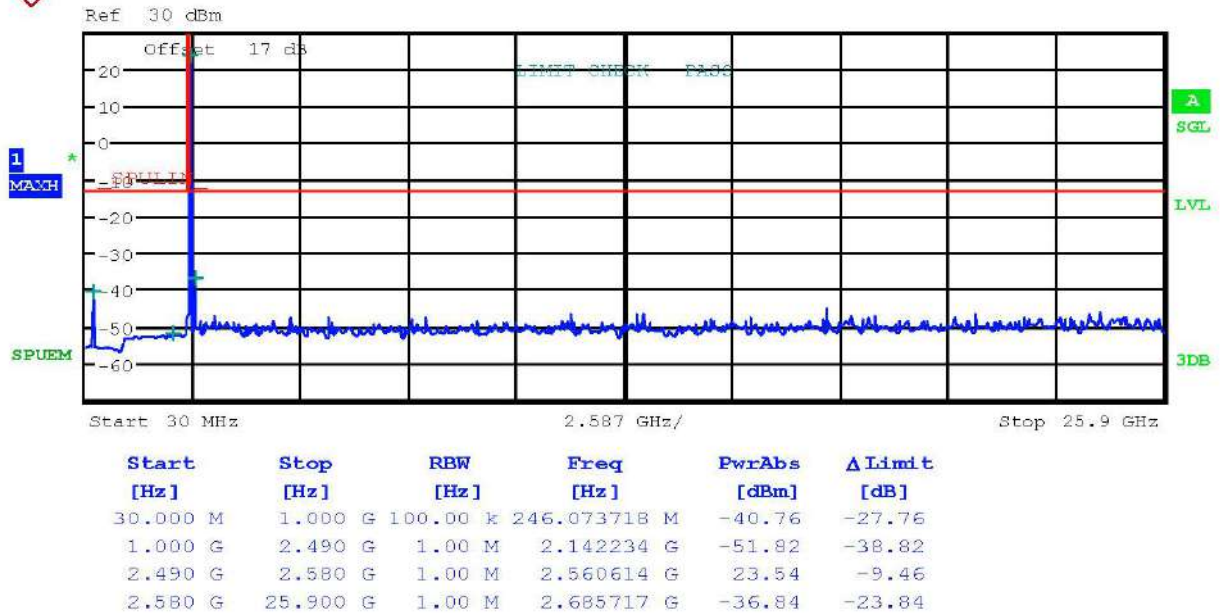


Date: 5.OCT.2022 20:53:14



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



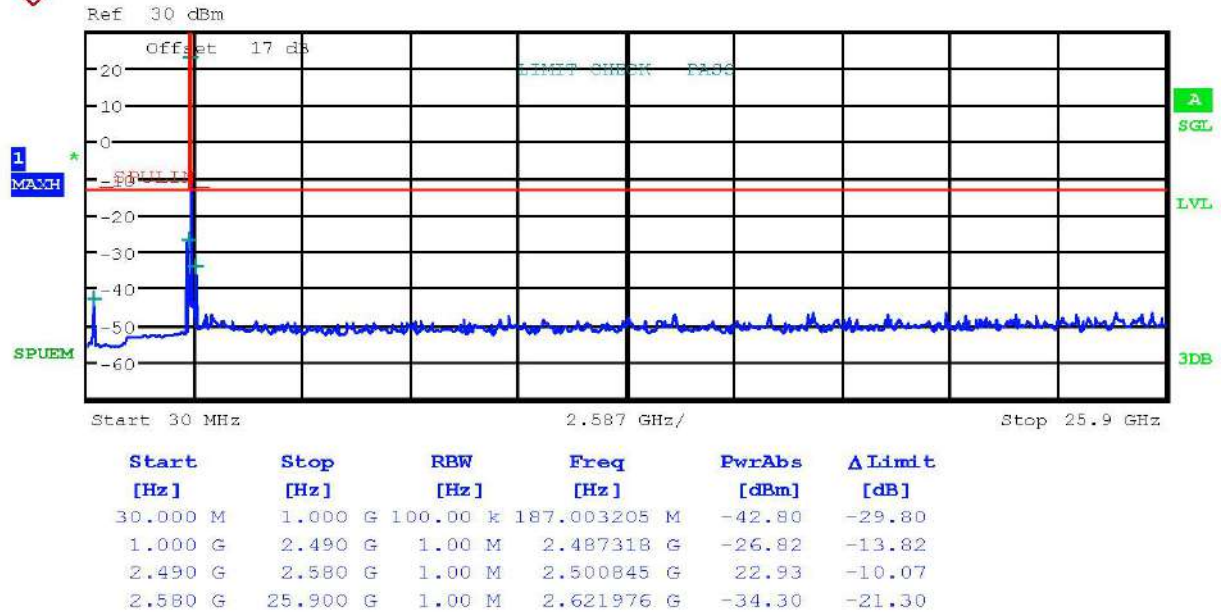
Date: 5.OCT.2022 20:53:38



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

15 MHz 16QAM

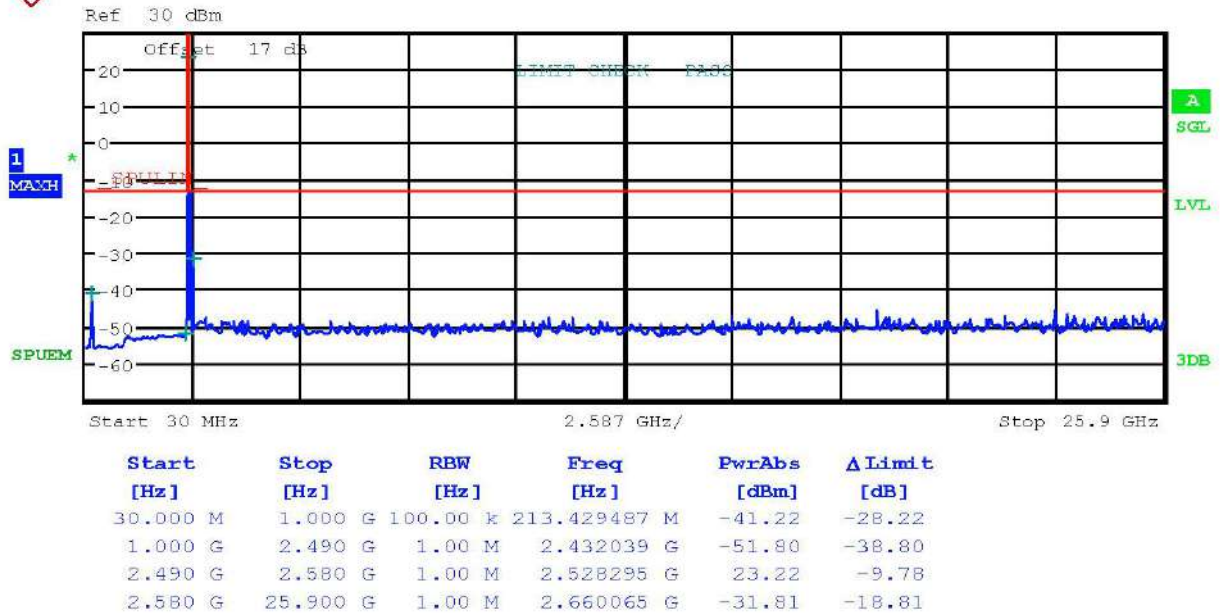


Date: 5.OCT.2022 21:01:23



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

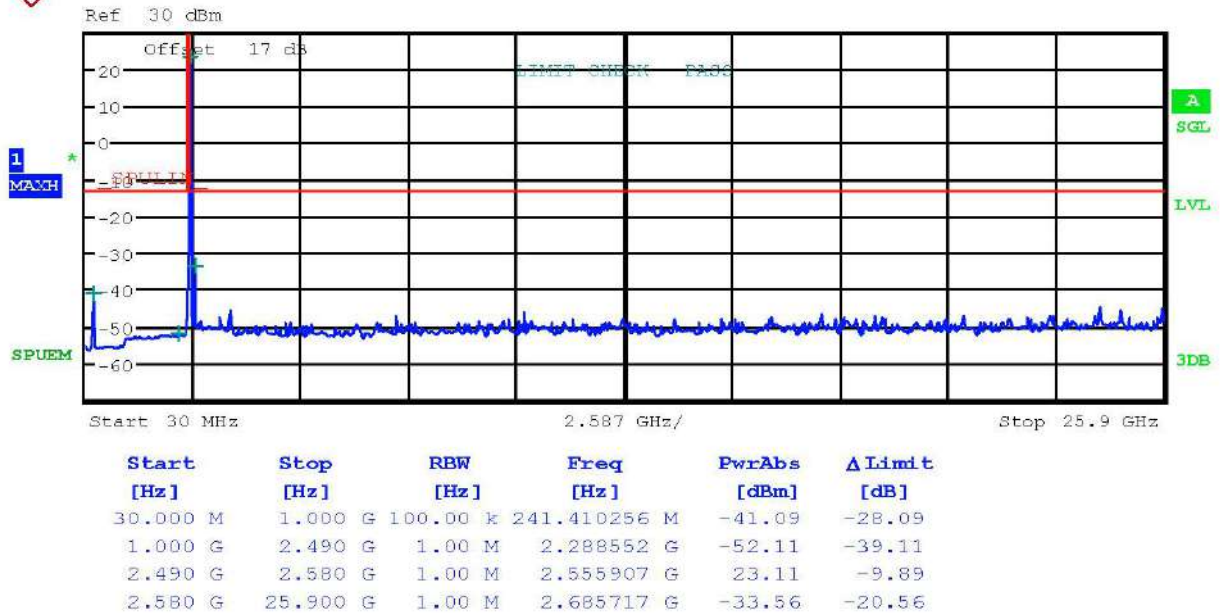


Date: 5.OCT.2022 21:01:43



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



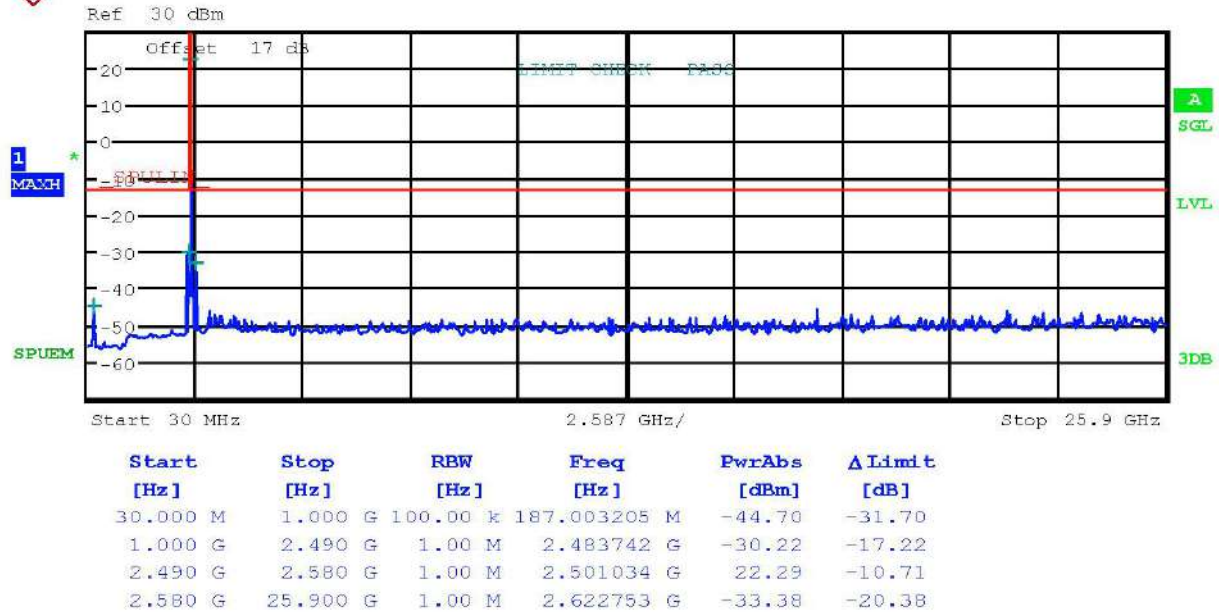
Date: 5.OCT.2022 21:02:05



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

20 MHz 16QAM

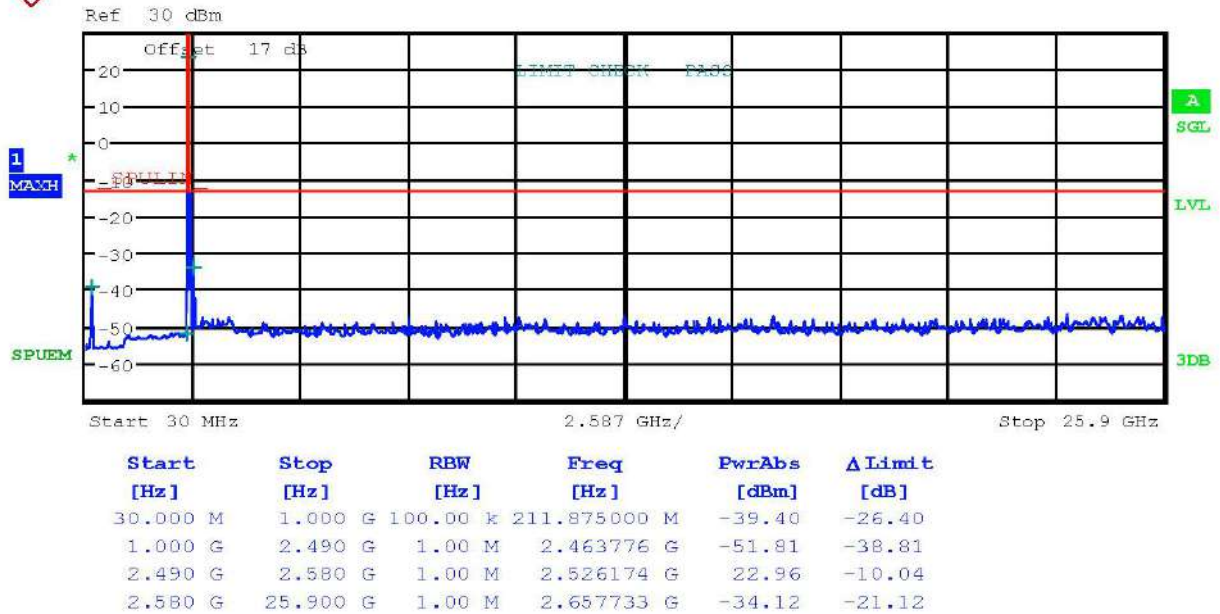


Date: 5.OCT.2022 21:05:59



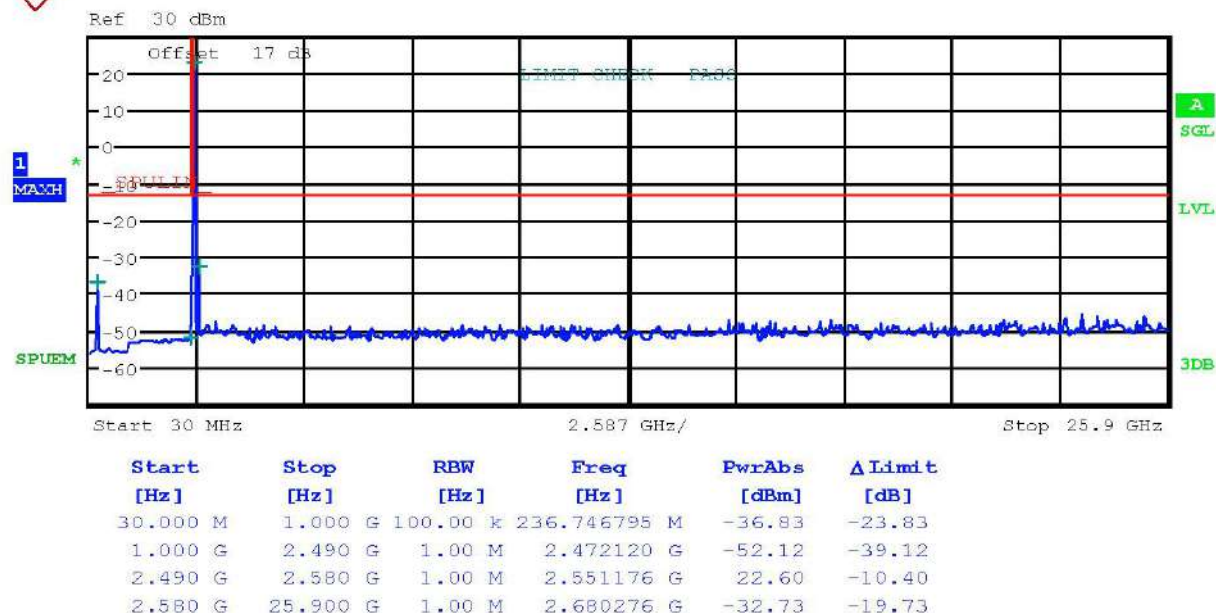
Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 21:06:18

Report Number: W6R22209-22106-P-247
FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 21:06:37

Test equipment: ETSTW-RE 055, ETSTW-GSM 004, ETSTW-GSM 023

7.3 Explanation of test result

All factors like cable loss and external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

7.4 Calculation of Limit for Spurious at Antenna Terminals

Compliance with § 22.917, §24.238, §27.53 requires that any emission be attenuated below the transmitter power at least $43 + 10 \log P$ (P = transmitter power in Watts).

Limit for Spurious Emissions at Antenna Terminals: $L=P-A=-13\text{dBm}$



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

8. Field Strength of Spurious Radiation

8.1 Test procedure

The test procedure for field strength measurement is same as radiated power except for a notch filter or band pass filter is used to avoid the influence of fundamental to the pre-amplifier.

The measurements below 1GHz were performed with a measurement bandwidth of 100kHz, above 1GHz with a bandwidth of 1 MHz.

8.2 Test Results

The measurements of the spurious emission are at the upper, center and lower channel.

Model: HYGW-Gen2-V1 Date:

Mode: Temperature: -- °C Engineer: --

Polarization: Horizontal Humidity: -- %

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Reading + Correction Factor
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. See attached diagrams in appendix.

8.3 Explanation of test result

Result Level = Reading Level + Corrected Factor

Corrected Factor = SG level – Received level-Cable loss + substitution antenna gain

8.4 Calculation of Limit for Field Strength of Spurious

Compliance with § 22.917, § 24.238, § 27.53 requires that any emission be attenuated below the transmitter power at least $43 + 10 \log P$ (P = transmitter power in Watts).

Limit for Spurious Emissions at Antenna Terminals: $L=P-A=-13\text{dBm}$

Test equipment: ETSTW-RE 004, ETSTW-RE 018, ETSTW-RE 030, ETSTW-RE 062,
ETSTW-RE 142, ETSTW-RE 152, ETSTW-GSM 004



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

8.5 Test result of band edge emissions

Test date: October 03, 2022- October 05, 2022

Temperature: 23.8 °C

Humidity: 51.0 %

Tester: Sora

WCDMA

Band 2

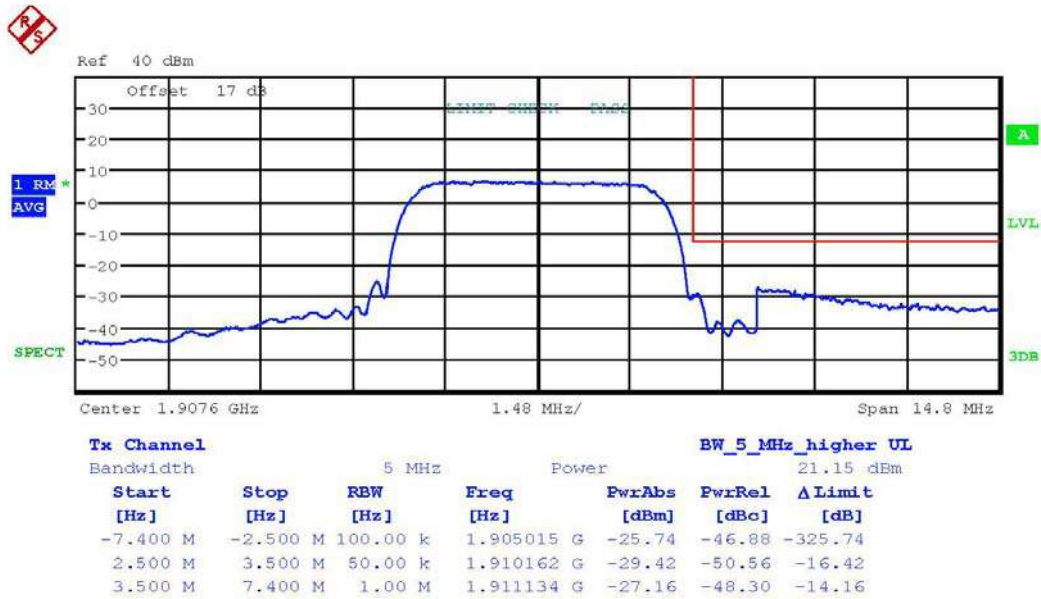


Date: 3.OCT.2022 19:54:30



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 3.OCT.2022 19:56:33

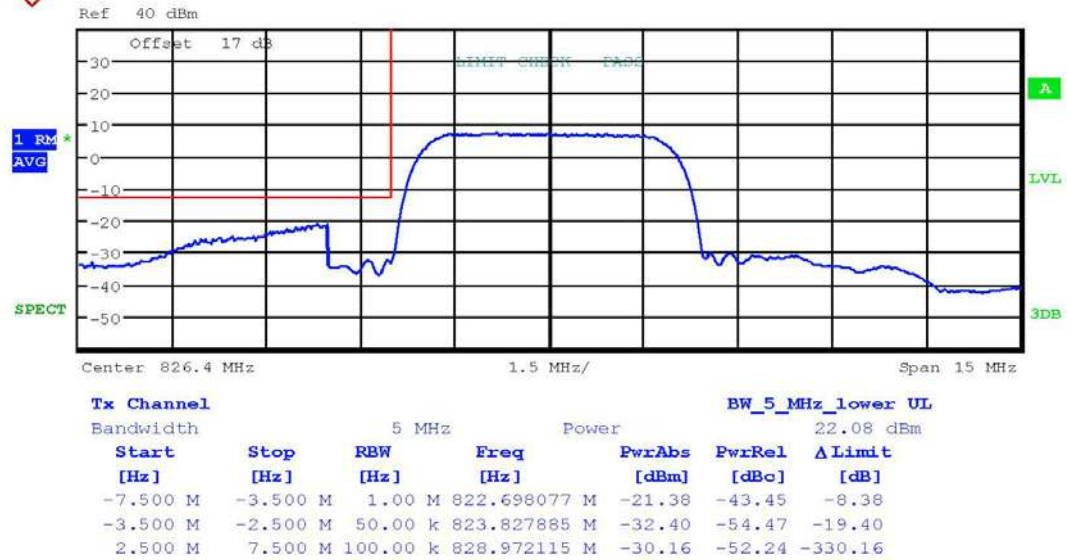


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

Band 5

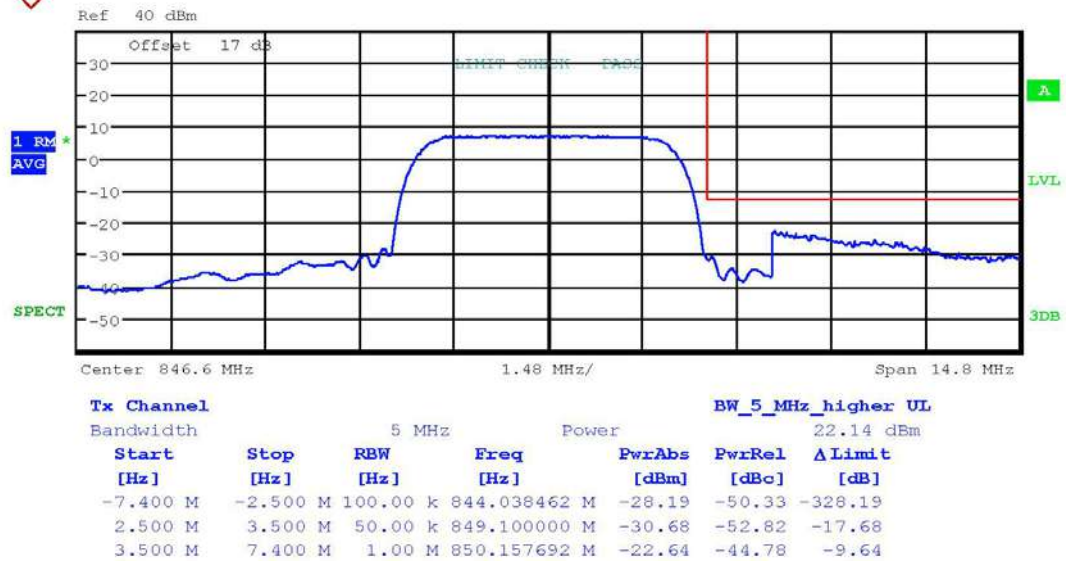


Date: 3.OCT.2022 19:58:02



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGNGEN2



Date: 3.OCT.2022 19:57:17



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

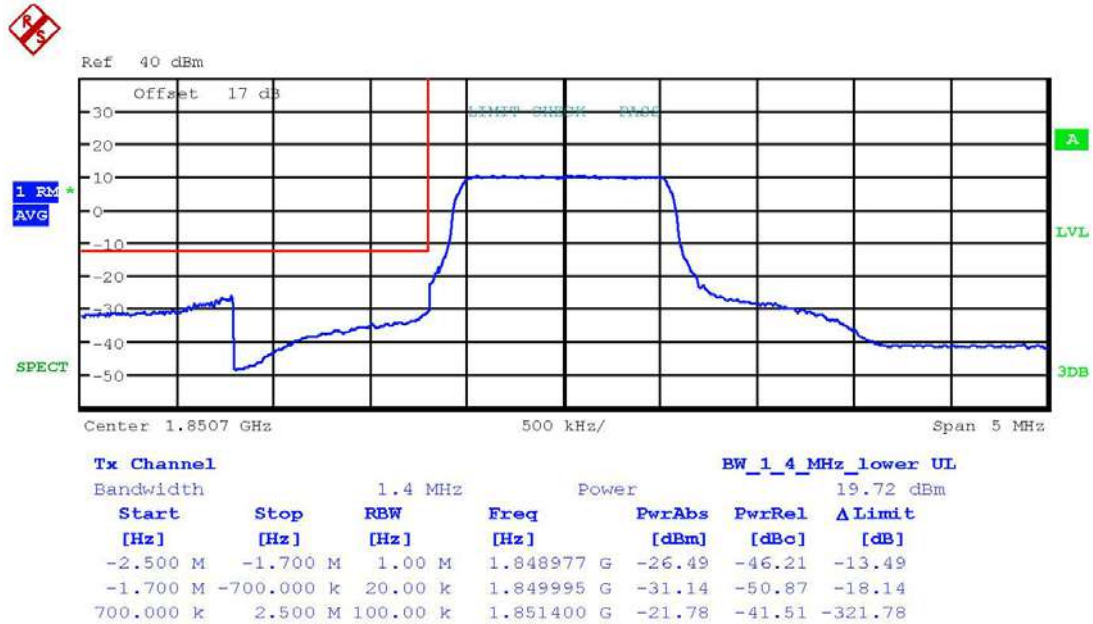
FCC ID: GX9HYGWGEN2

LTE

Band 2

1.4 MHz QPSK

FRB



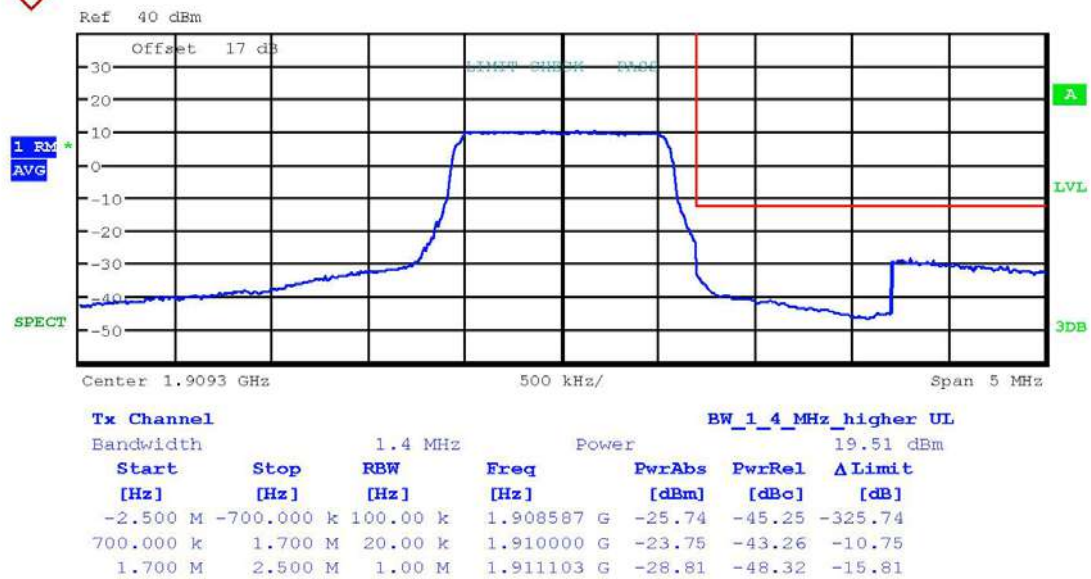
Date: 5.OCT.2022 13:52:41



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 13:53:26

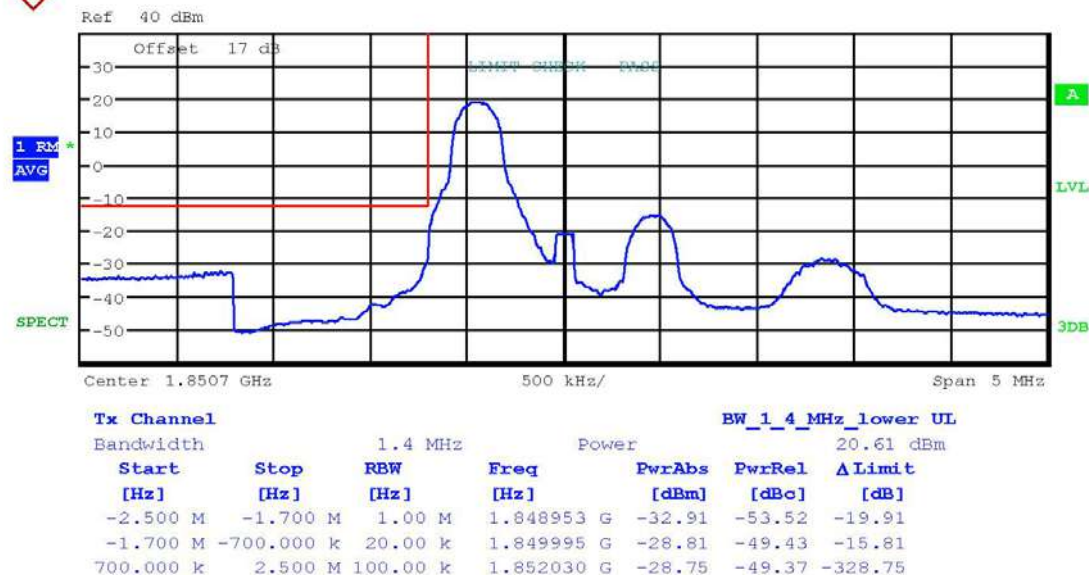


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

1RB



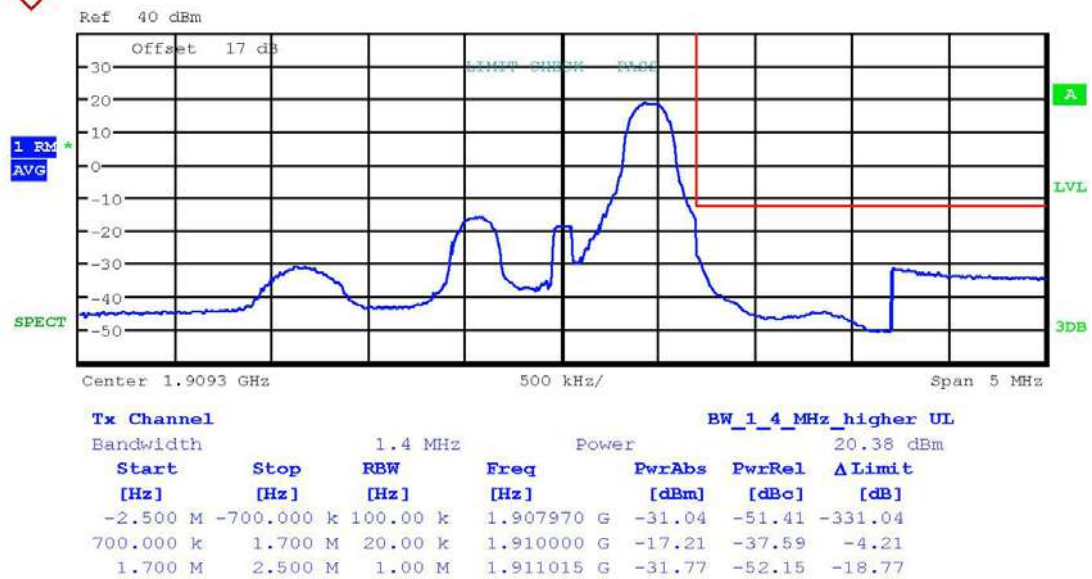
Date: 5.OCT.2022 13:52:09



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 13:53:53



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz QPSK

FRB



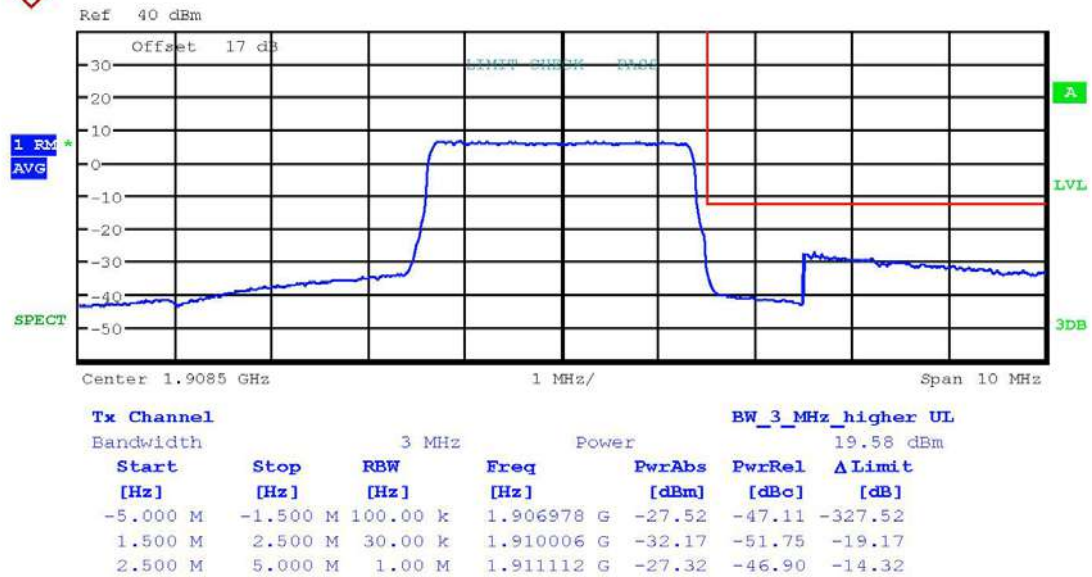
Date: 5.OCT.2022 13:55:33



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 13:56:11

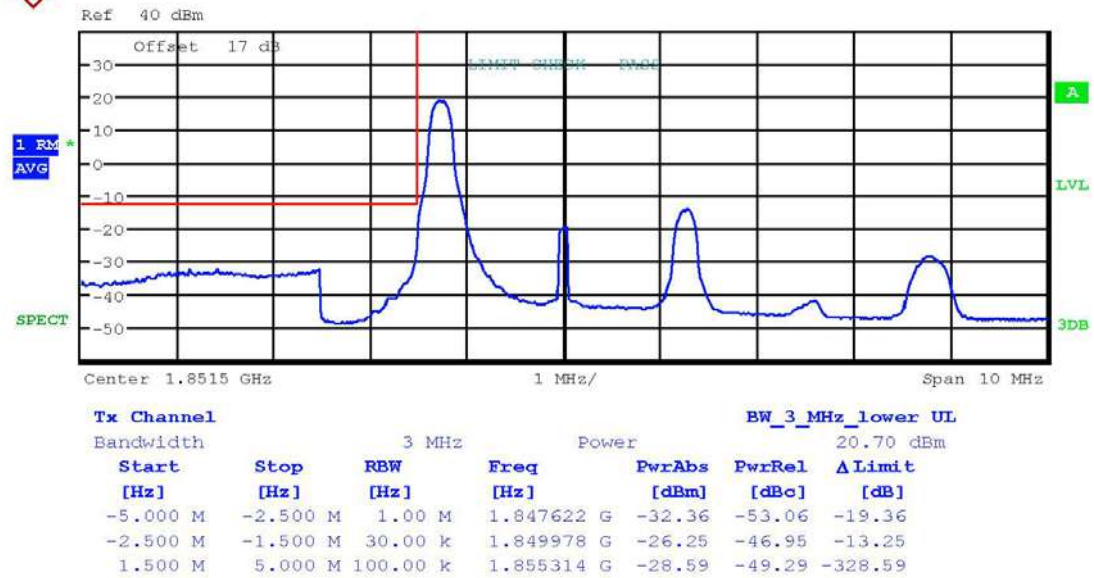


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

1RB



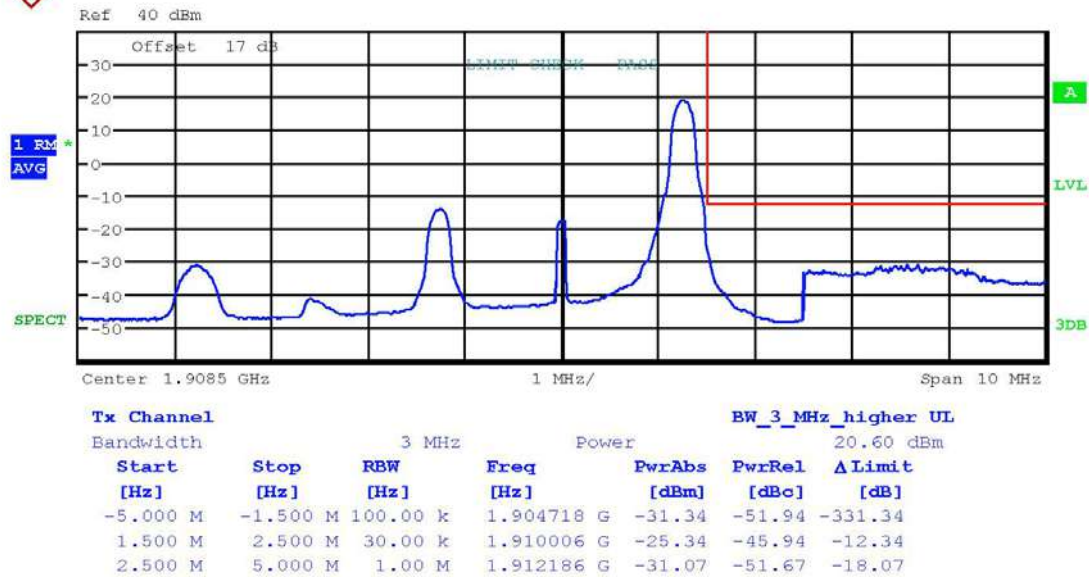
Date: 5.OCT.2022 13:55:10



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 13:56:37

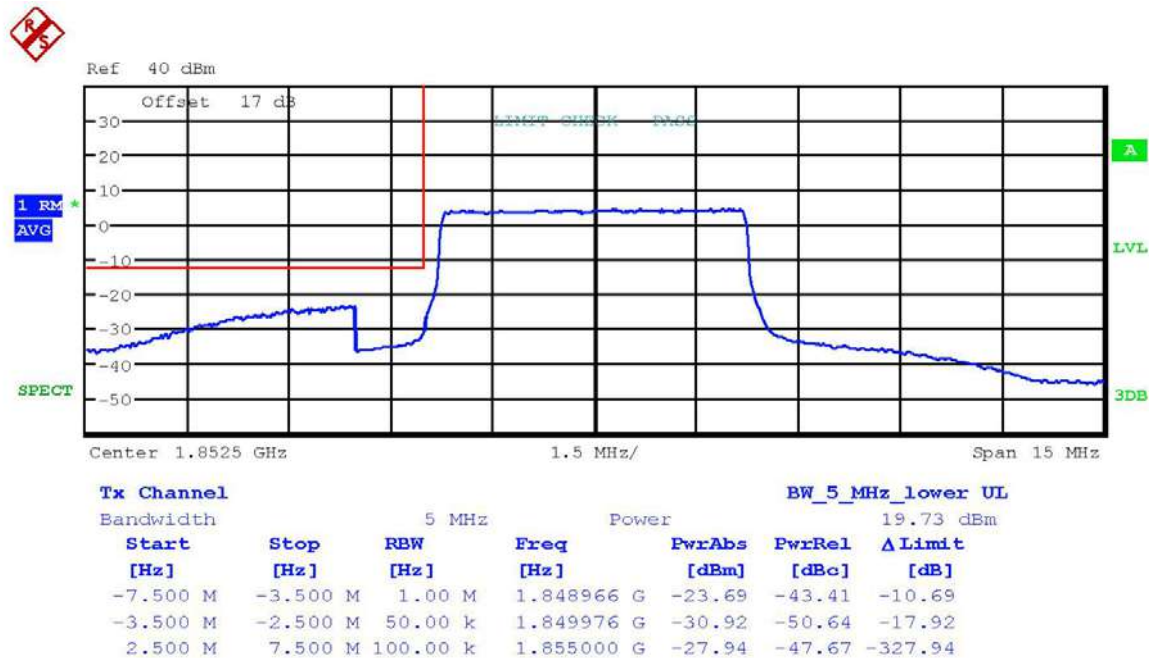


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz QPSK

FRB

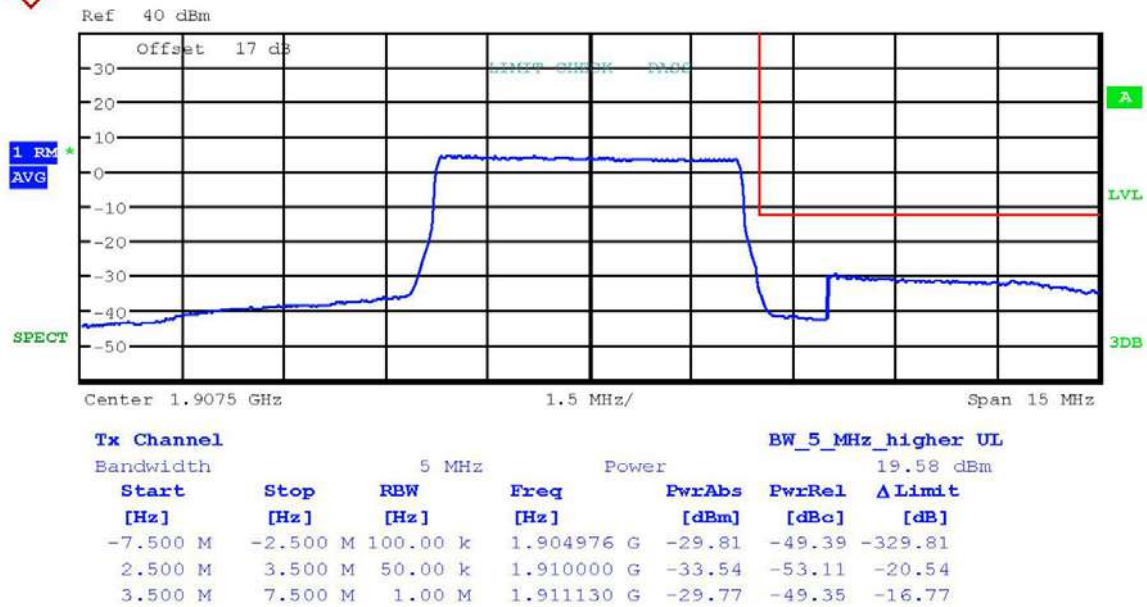


Date: 5.OCT.2022 13:58:21



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 13:59:33

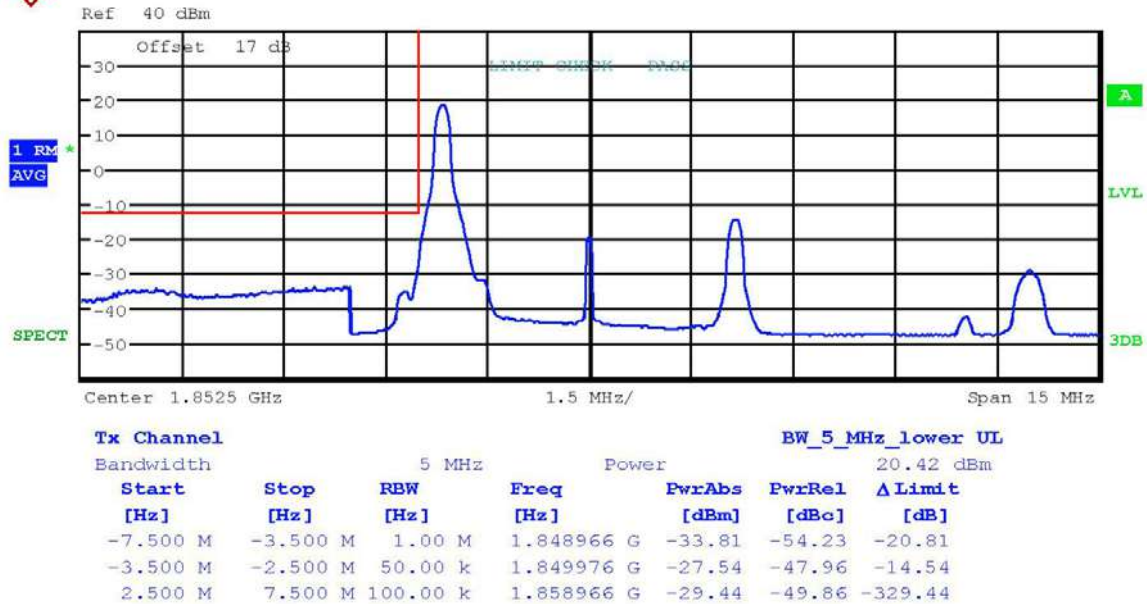


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

1RB

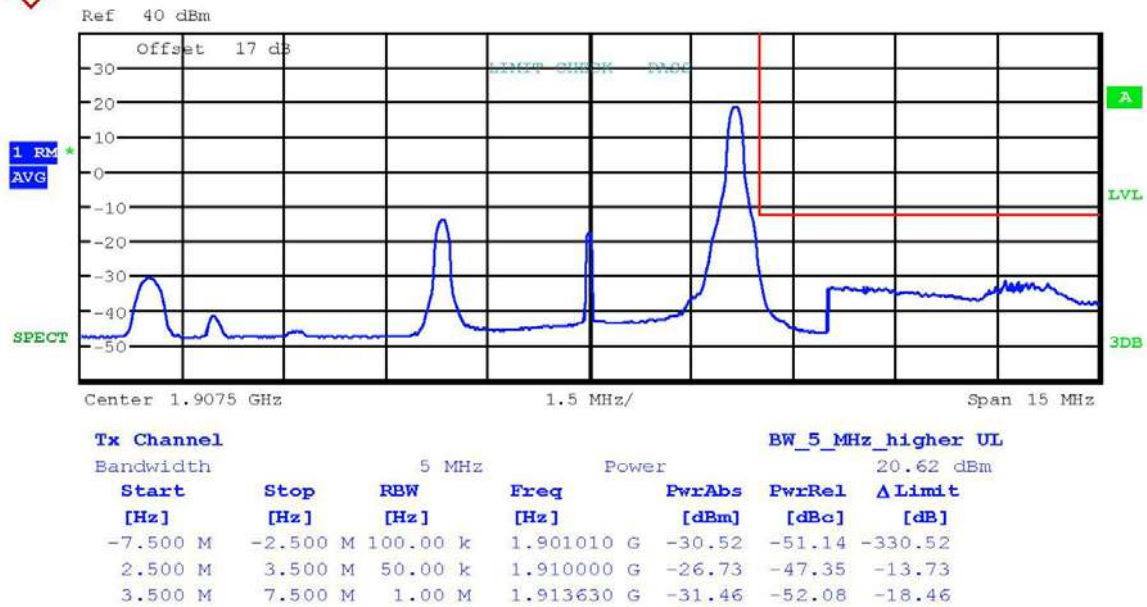


Date: 5.OCT.2022 13:58:02



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 13:59:53

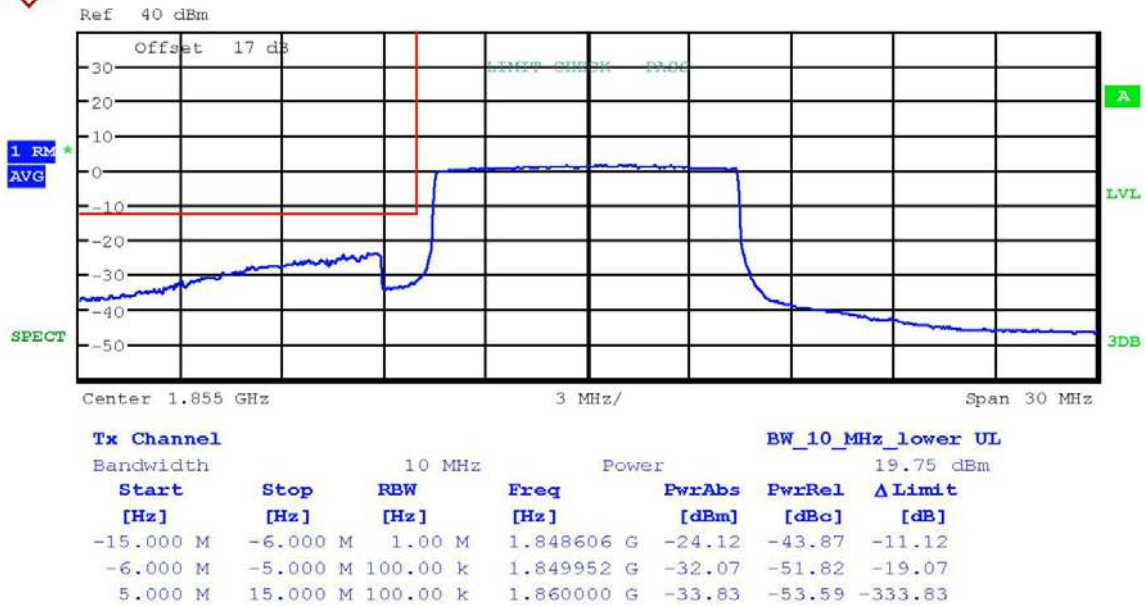


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz QPSK

FRB

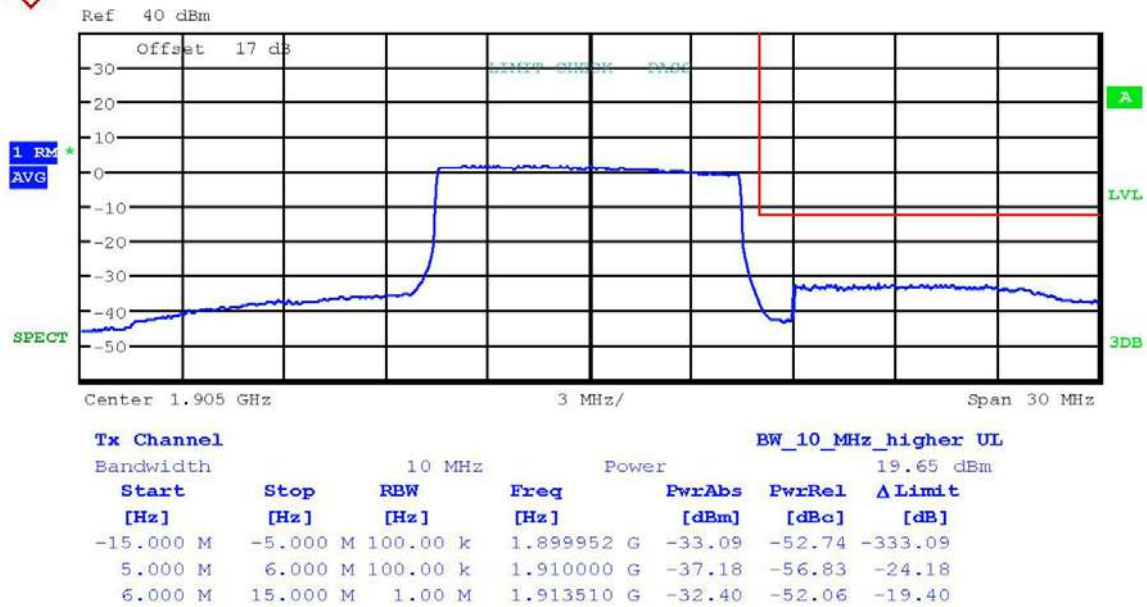


Date: 5.OCT.2022 14:01:15



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



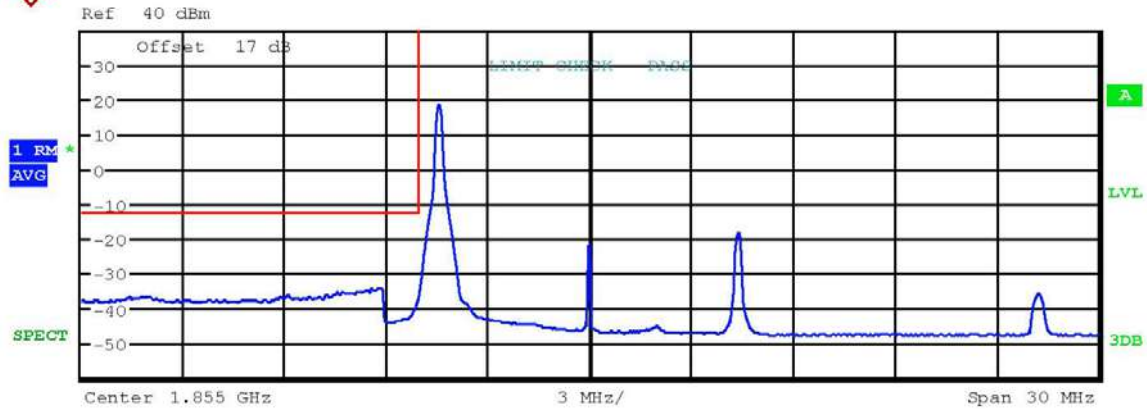
Date: 5.OCT.2022 14:01:53



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

1RB



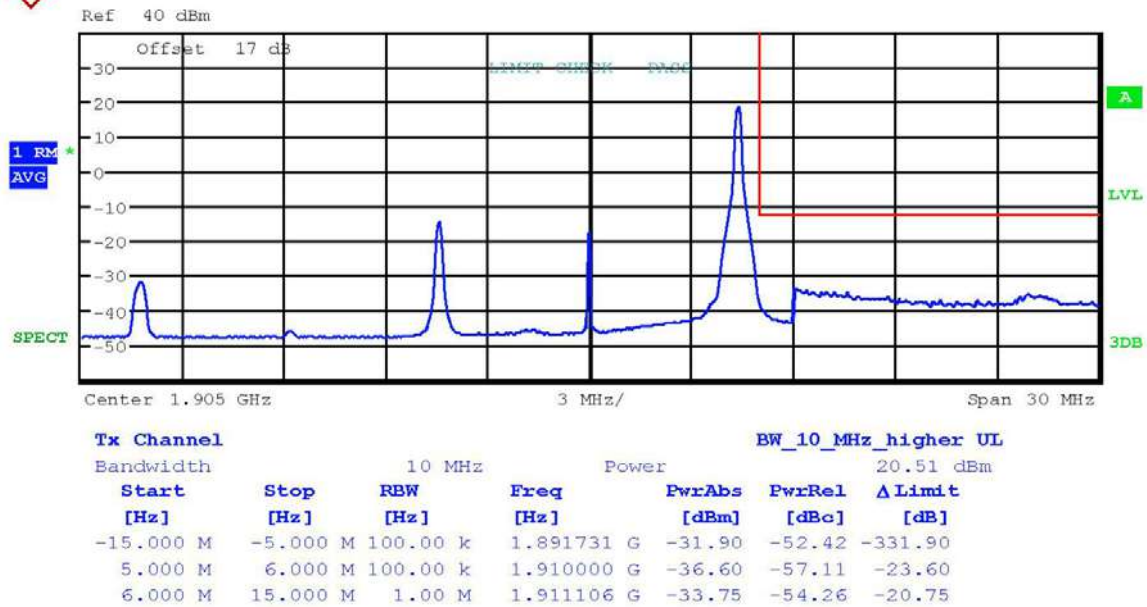
Tx Channel			BW_10_MHz_lower UL			
Bandwidth			Power			
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-15.000 M	-6.000 M	1.00 M	1.848798 G	-34.26	-54.95	-21.26
-6.000 M	-5.000 M	100.00 k	1.849952 G	-37.10	-57.78	-24.10
5.000 M	15.000 M	100.00 k	1.868221 G	-35.81	-56.49	-335.81

Date: 5.OCT.2022 14:00:55



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Date: 5.OCT.2022 14:02:11

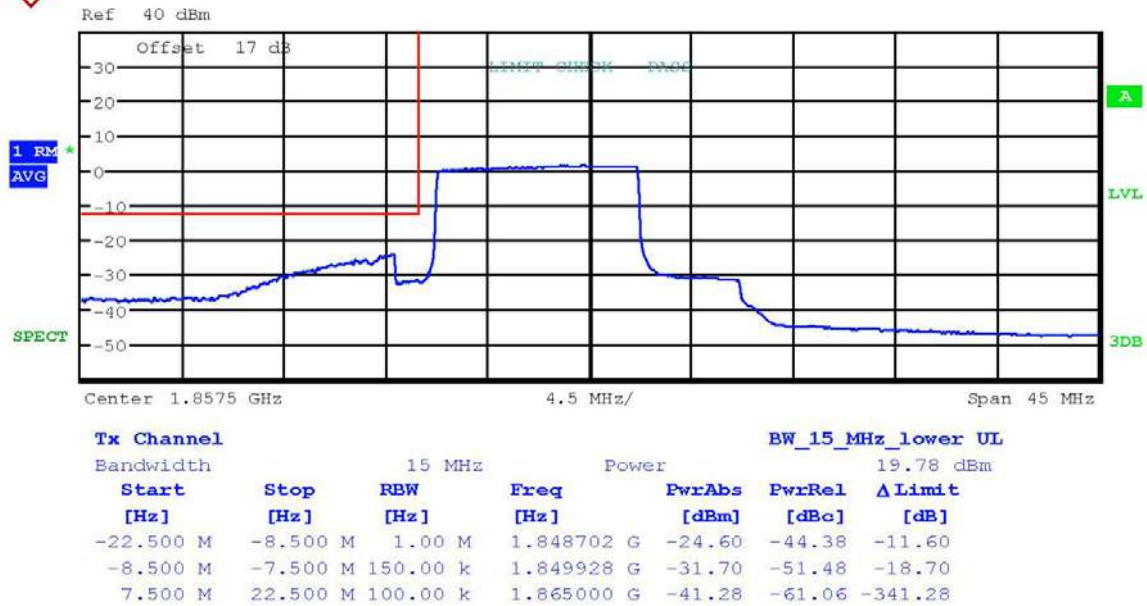


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

15 MHz QPSK

FRB

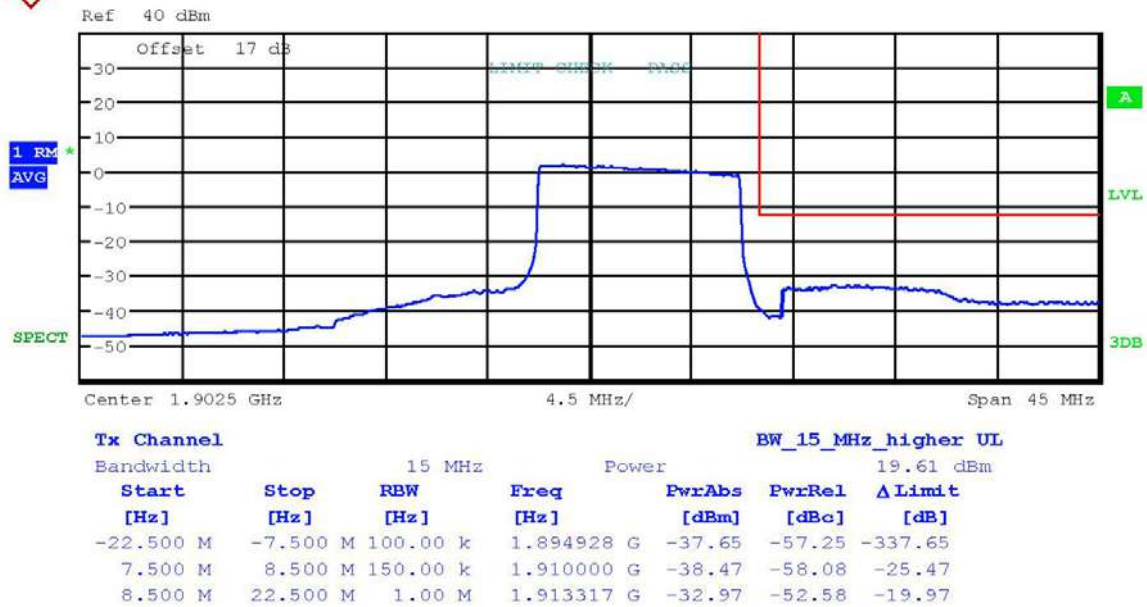


Date: 5.OCT.2022 14:04:04



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



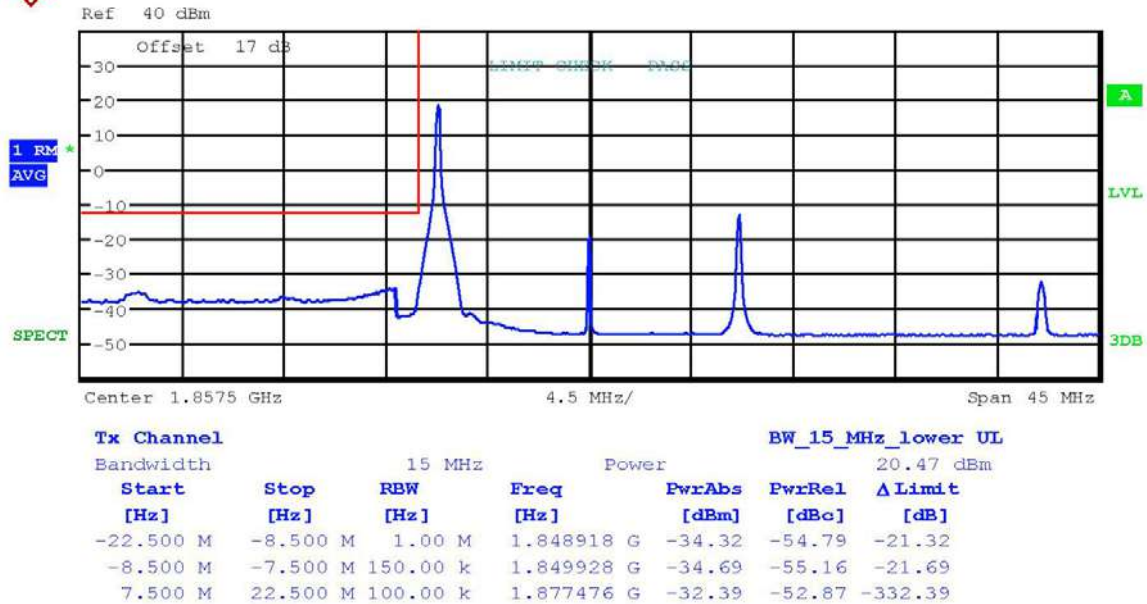
Date: 5.OCT.2022 14:04:52



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB



Date: 5.OCT.2022 14:03:44



FCC ID: GX9HYGWWGEN2

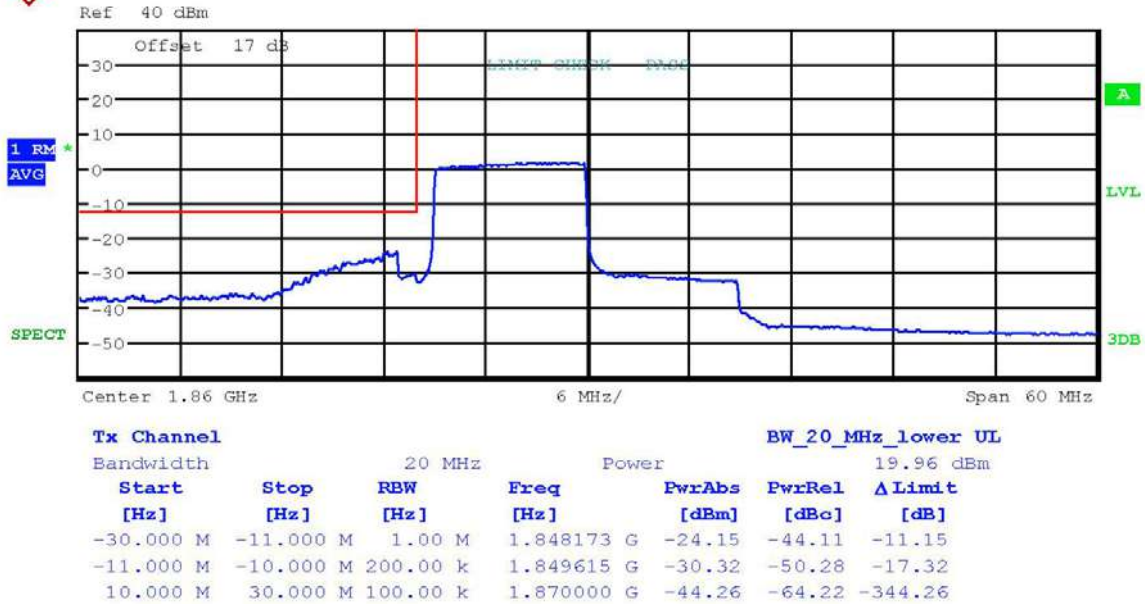


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

20 MHz QPSK

FRB



Date: 5.OCT.2022 14:07:51



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



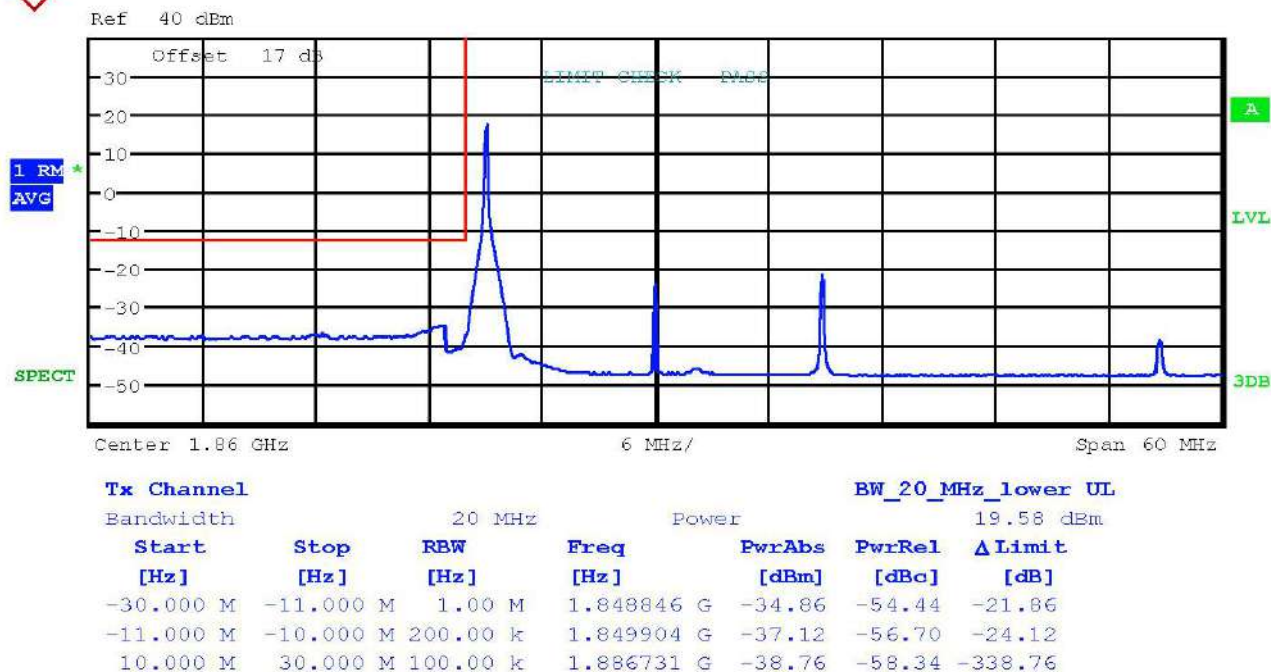
Date: 5.OCT.2022 14:08:37



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB

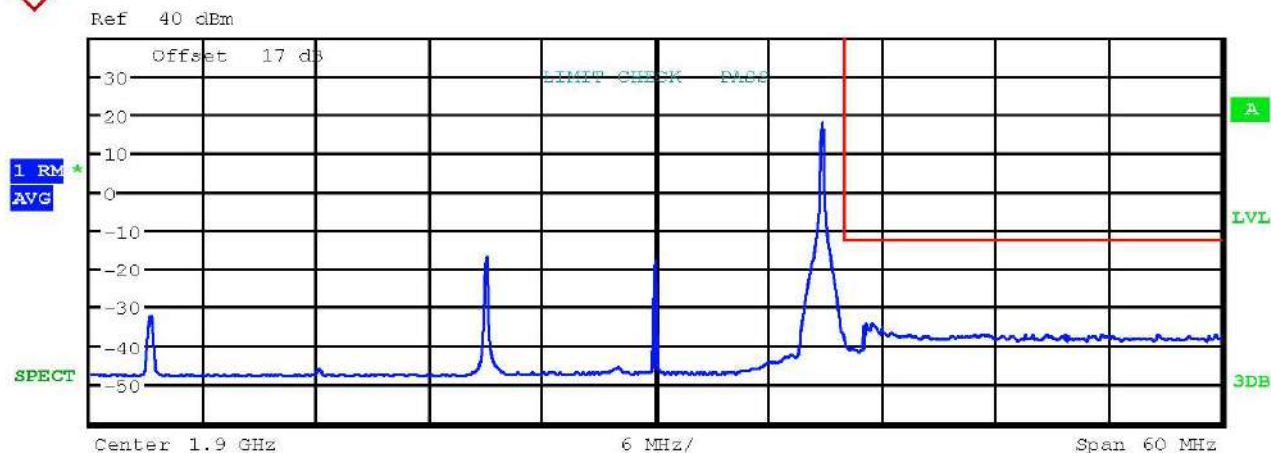


Date: 5.OCT.2022 14:07:25



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Tx Channel

Bandwidth			20 MHz		Power			BW_20_MHz_higher UL	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit			
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]			
-30.000 M	-10.000 M	100.00 k	1.873269 G	-32.41	-52.65	-332.41			
10.000 M	11.000 M	200.00 k	1.910000 G	-36.28	-56.53	-23.28			
11.000 M	30.000 M	1.00 M	1.911154 G	-34.35	-54.59	-21.35			

Date: 5.OCT.2022 14:08:58



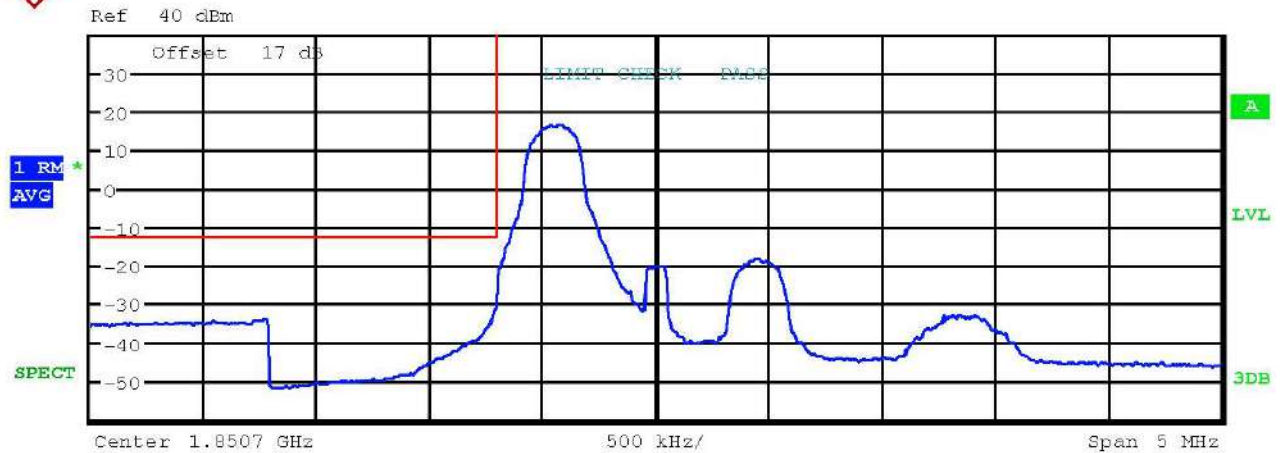
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1.4 MHz 16QAM

1RB



Tx Channel

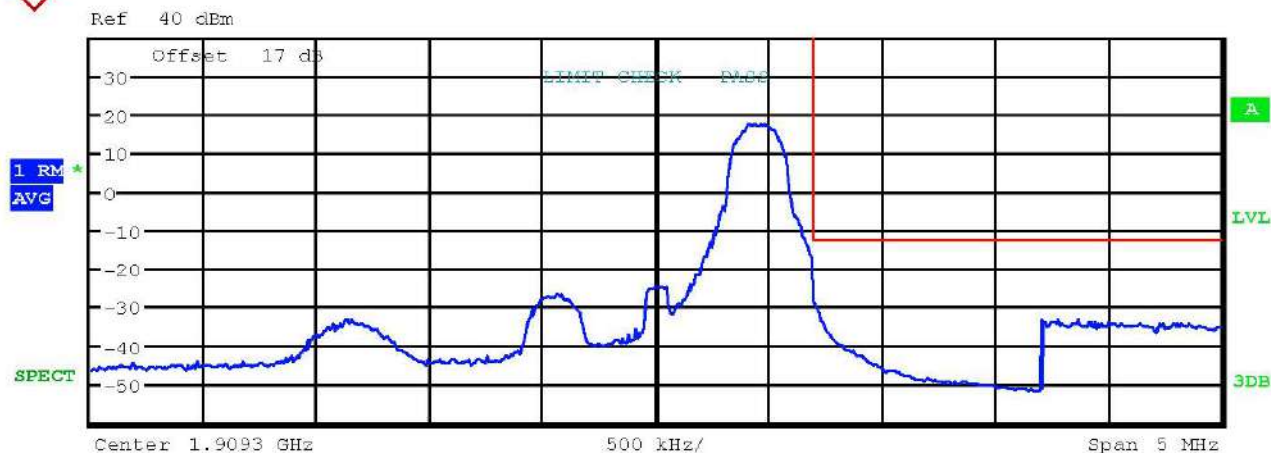
Bandwidth			1.4 MHz		Power		BW_1_4_MHz_lower UL	
Start	Stop	RBW	Freq		PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]		[dBm]	[dBc]	[dB]	
-2.500 M	-1.700 M	1.00 M	1.848977 G		-33.89	-52.15	-20.89	
-1.700 M	-700.000 k	20.00 k	1.849995 G		-31.10	-49.36	-18.10	
700.000 k	2.500 M	100.00 k	1.852038 G		-32.78	-51.05	-332.78	

Date: 5.OCT.2022 13:31:50



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Tx Channel

Bandwidth

1.4 MHz

Power

BW_1_4_MHz_higher UL

19.25 dBm

Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-2.500 M	-700.000 k	100.00 k	1.907930 G	-32.96	-52.21	-332.96
700.000 k	1.700 M	20.00 k	1.910000 G	-17.03	-36.29	-4.03
1.700 M	2.500 M	1.00 M	1.911079 G	-33.32	-52.57	-20.32

Date: 5.OCT.2022 13:32:54



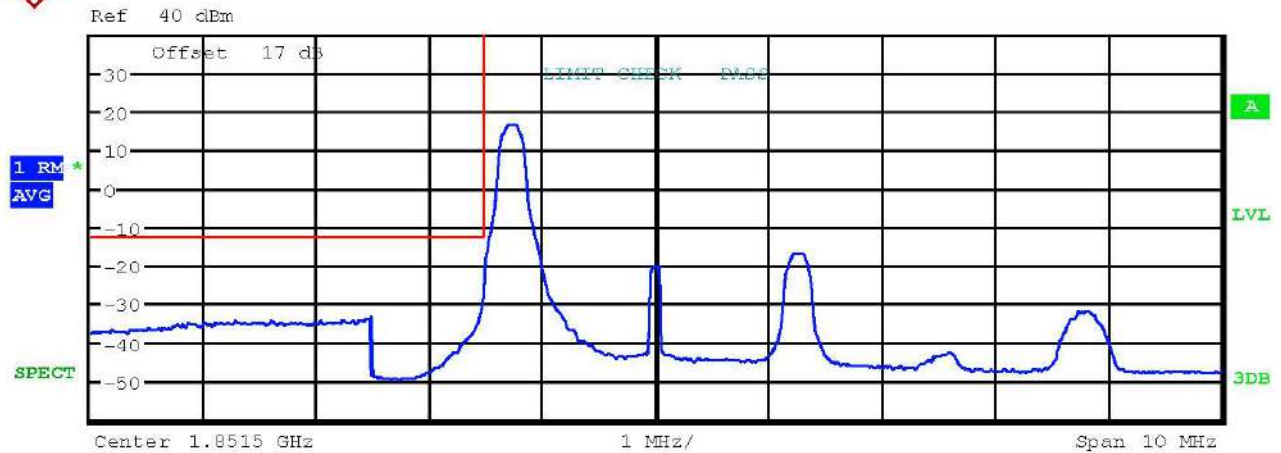
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz 16QAM

1RB



Tx Channel

Bandwidth

3 MHz

Power

BW_3_MHz_lower UL

18.53 dBm

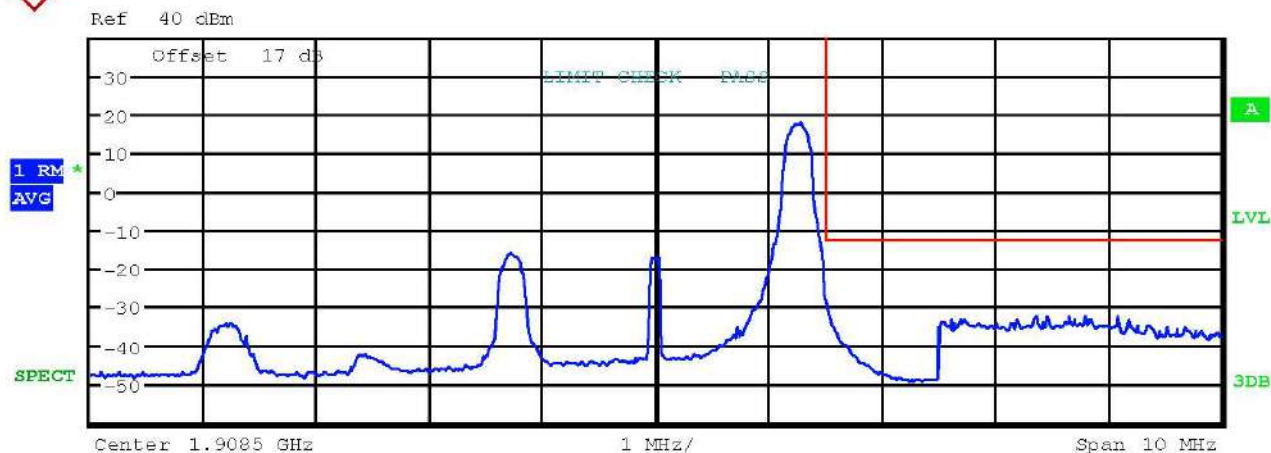
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-5.000 M	-2.500 M	1.00 M	1.848984 G	-33.41	-51.94	-20.41
-2.500 M	-1.500 M	30.00 k	1.849978 G	-28.36	-46.89	-15.36
1.500 M	5.000 M	100.00 k	1.855330 G	-32.04	-50.57	-332.04

Date: 5.OCT.2022 13:35:27



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Tx Channel

Bandwidth			3 MHz		Power		BW_3_MHz_higher UL	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit		
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]		
-5.000 M	-1.500 M	100.00 k	1.904734 G	-34.09	-53.59	-334.09		
1.500 M	2.500 M	30.00 k	1.910006 G	-27.60	-47.10	-14.60		
2.500 M	5.000 M	1.00 M	1.912587 G	-32.38	-51.88	-19.38		

Date: 5.OCT.2022 13:36:30



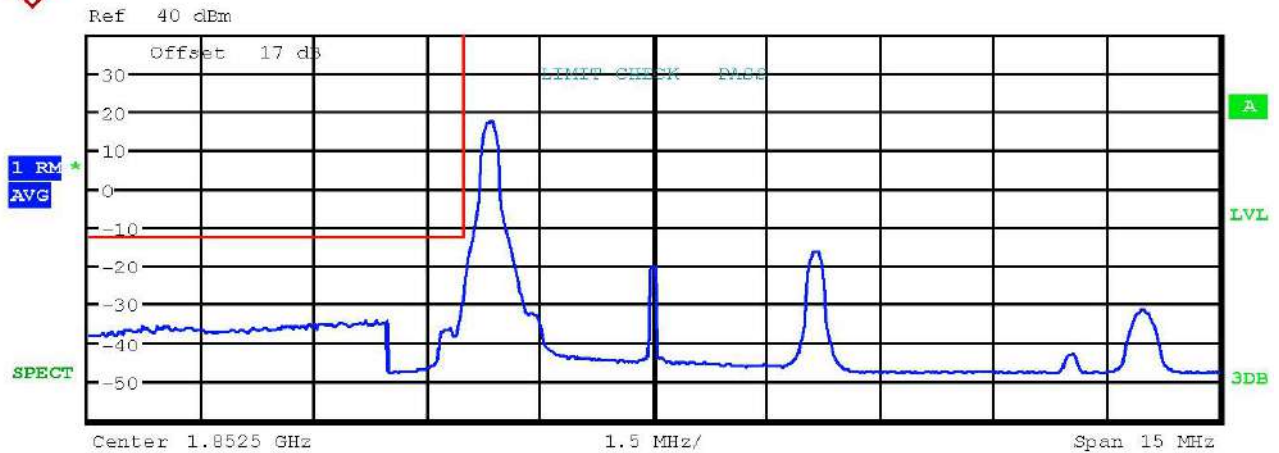
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz 16QAM

1RB



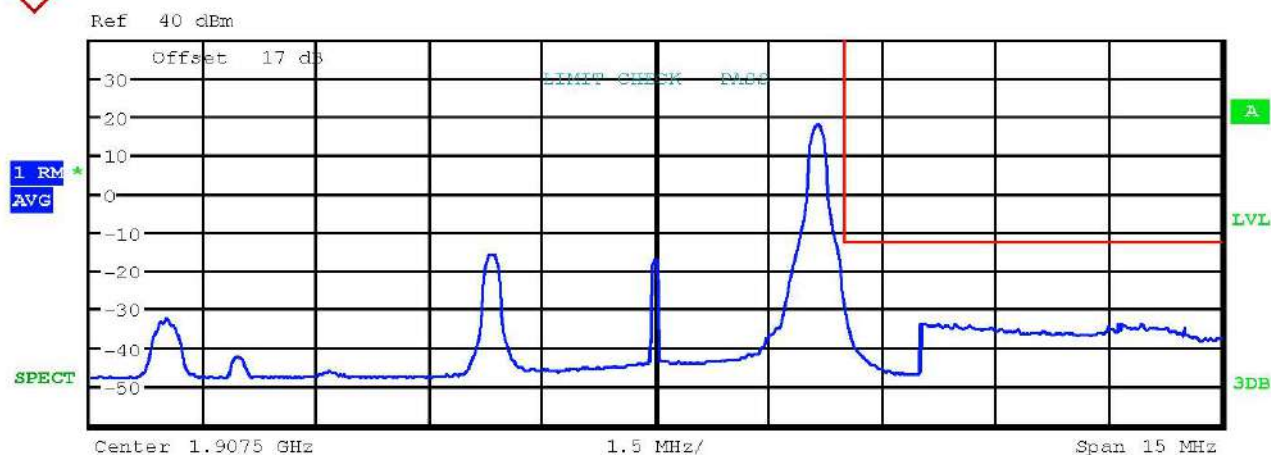
Tx Channel

Bandwidth			5 MHz		Power		BW_5_MHz_lower UL	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit		
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]		
-7.500 M	-3.500 M	1.00 M	1.848966 G	-34.23	-53.60	-21.23		
-3.500 M	-2.500 M	50.00 k	1.849976 G	-28.43	-47.79	-15.43		
2.500 M	7.500 M	100.00 k	1.858990 G	-31.57	-50.93	-331.57		

Date: 5.OCT.2022 13:38:20



FCC ID: GX9HYGWWEN2



Tx Channel					BW_5_MHz_higher UL	
Bandwidth		5 MHz	Power		19.73 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-7.500 M	-2.500 M	100.00 k	1.901010 G	-32.61	-52.33	-332.61
2.500 M	3.500 M	50.00 k	1.910000 G	-26.83	-46.56	-13.83
3.500 M	7.500 M	1.00 M	1.913942 G	-33.85	-53.57	-20.85

Date: 5.OCT.2022 13:39:13

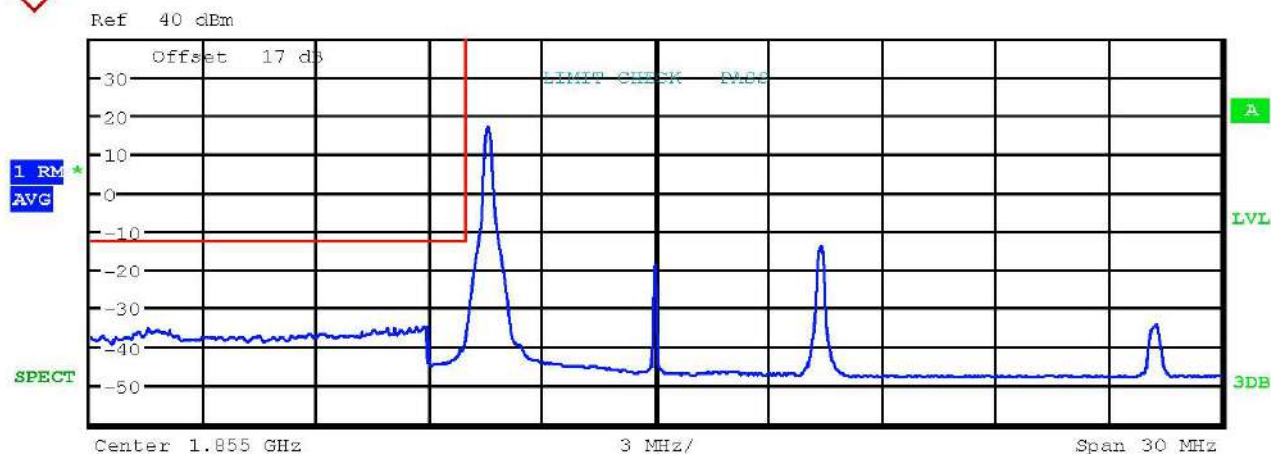


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz 16QAM

1RB



Tx Channel

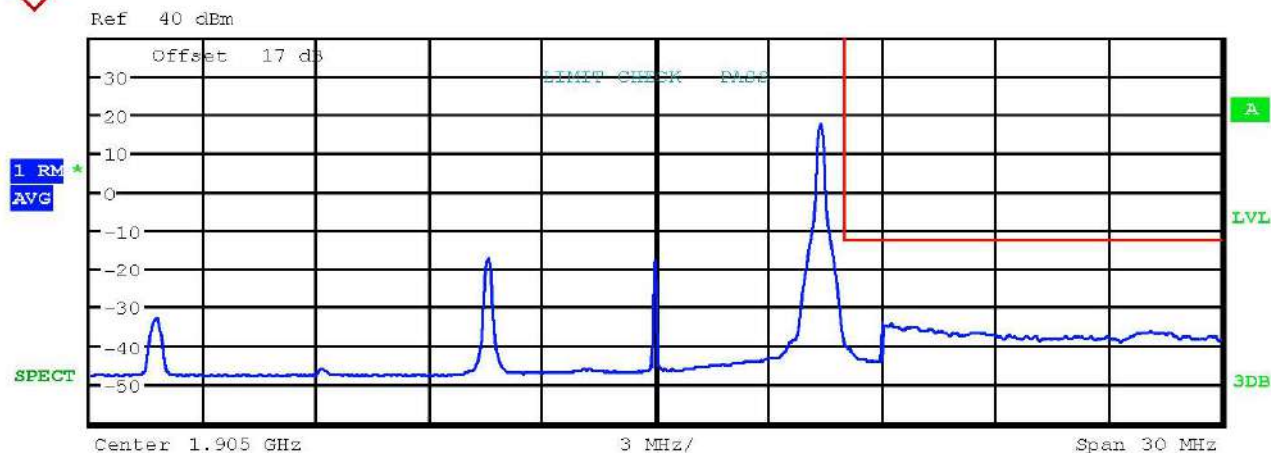
Bandwidth			10 MHz		Power		BW_10_MHz_lower UL	
Start	Stop	RBW	Freq		PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]		[dBm]	[dBc]	[dB]	
-15.000 M	-6.000 M	1.00 M	1.848942 G		-34.80	-54.00	-21.80	
-6.000 M	-5.000 M	100.00 k	1.849952 G		-37.94	-57.14	-24.94	
5.000 M	15.000 M	100.00 k	1.868269 G		-34.43	-53.64	-334.43	

Date: 5.OCT.2022 13:40:40



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Tx Channel

Bandwidth

10 MHz

Power

BW_10_MHz_higher UL

19.43 dBm

Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-15.000 M	-5.000 M	100.00 k	1.891779 G	-33.26	-52.69	-333.26
5.000 M	6.000 M	100.00 k	1.910000 G	-37.67	-57.09	-24.67
6.000 M	15.000 M	1.00 M	1.911250 G	-34.61	-54.04	-21.61

Date: 5.OCT.2022 13:41:41



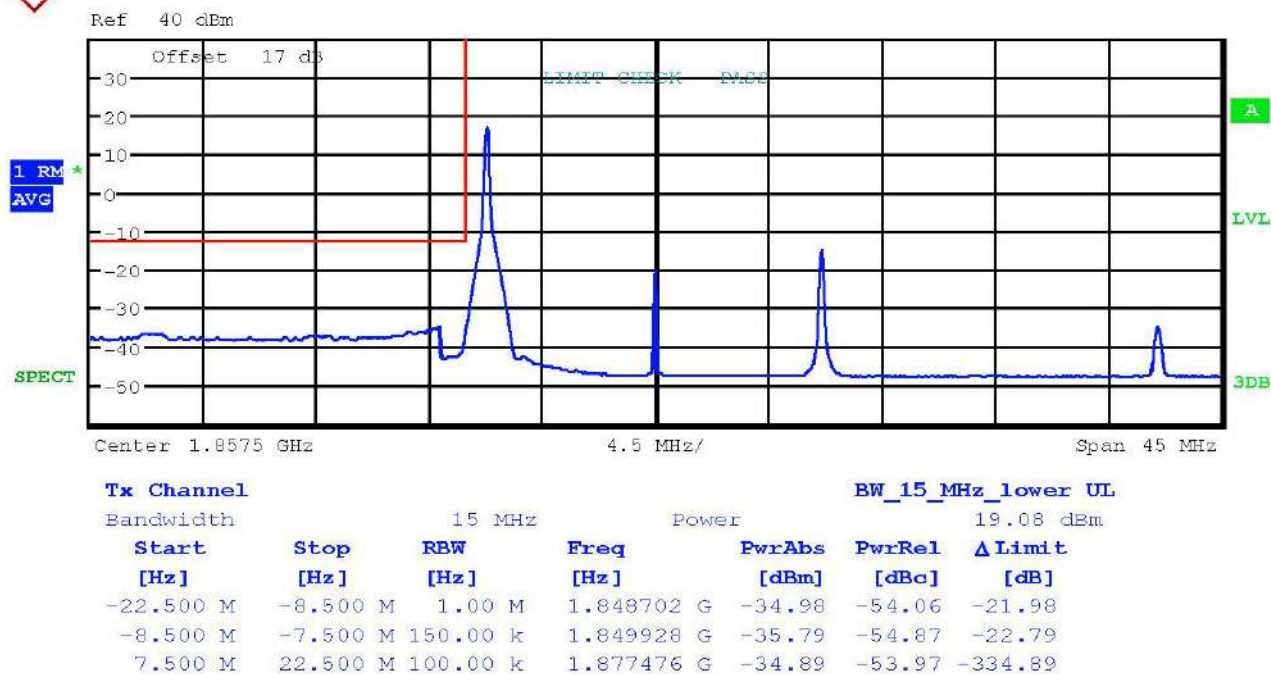
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

15 MHz 16QAM

1RB

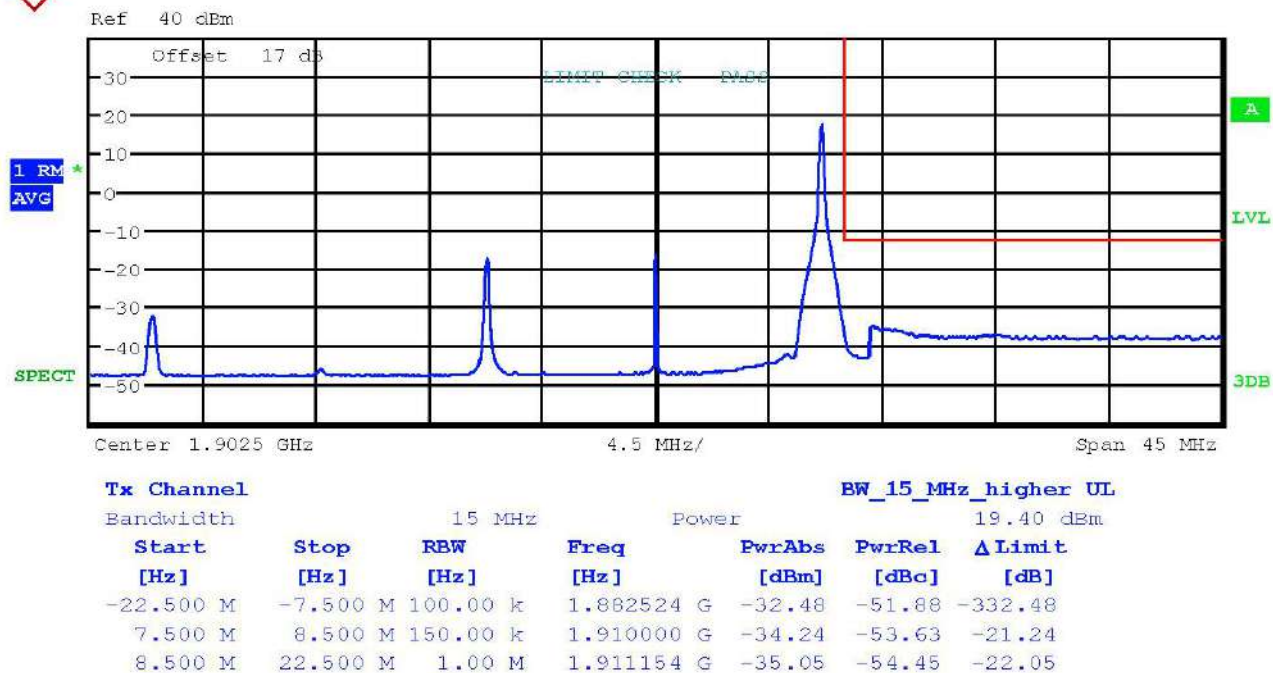


Date: 5.OCT.2022 13:44:28



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Date: 5.OCT.2022 13:46:13

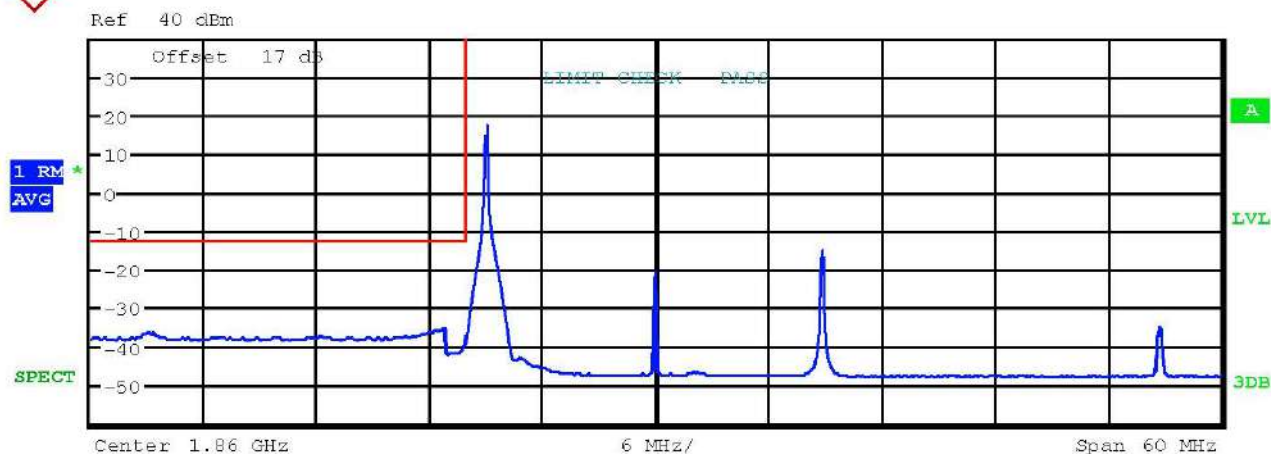


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

20 MHz 16QAM

1RB



Tx Channel

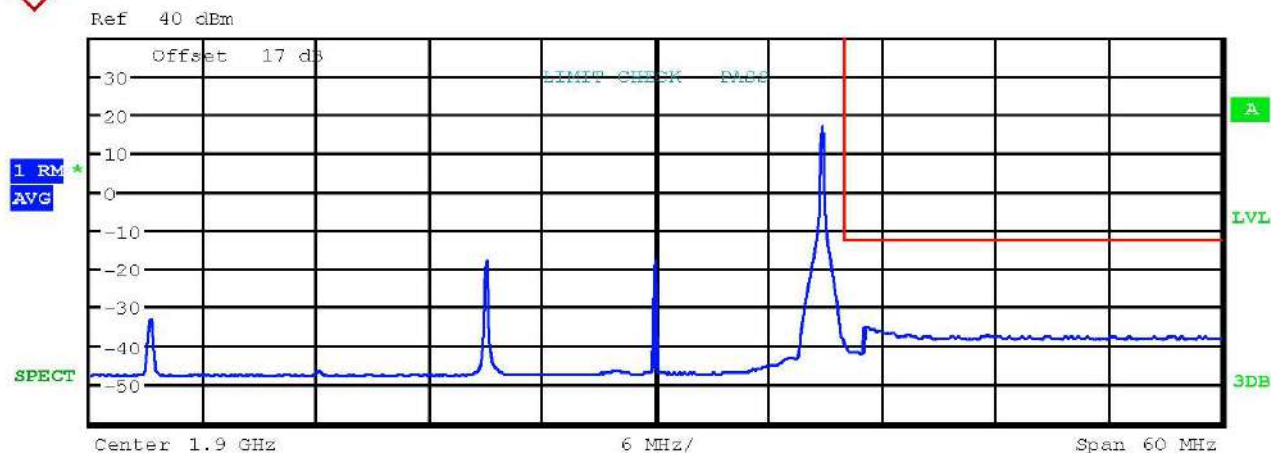
Bandwidth			20 MHz		Power		BW_20_MHz_lower UL	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ	Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	[dB]	
-30.000 M	-11.000 M	1.00 M	1.848846 G	-35.30	-54.71	-22.30		
-11.000 M	-10.000 M	200.00 k	1.849904 G	-37.19	-56.60	-24.19		
10.000 M	30.000 M	100.00 k	1.886731 G	-34.79	-54.19	-334.79		

Date: 5.OCT.2022 13:47:36



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWFEN2



Tx Channel

Bandwidth

20 MHz

Power

BW_20_MHz_higher UL

19.32 dBm

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]
-30.000 M	-10.000 M	100.00 k	1.873269 G	-33.46	-52.78	-333.46
10.000 M	11.000 M	200.00 k	1.910000 G	-37.60	-56.92	-24.60
11.000 M	30.000 M	1.00 M	1.911058 G	-35.20	-54.52	-22.20

Date: 5.OCT.2022 13:48:41



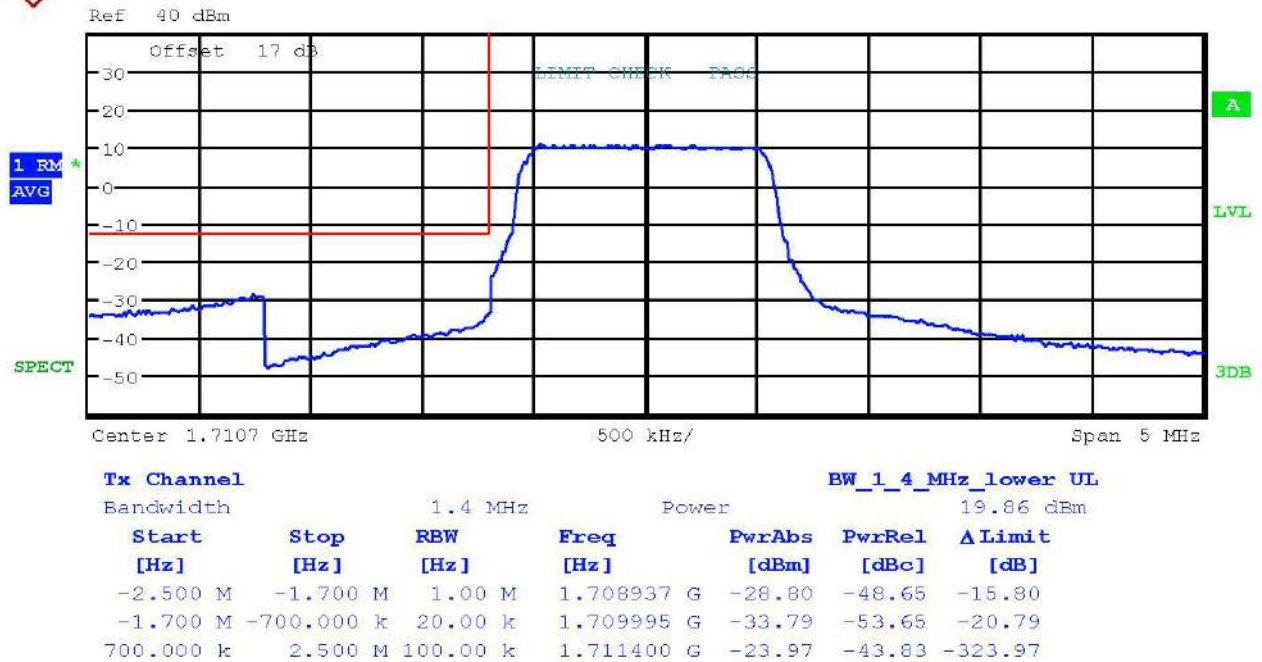
Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2

Band 4

1.4 MHz QPSK

FRB

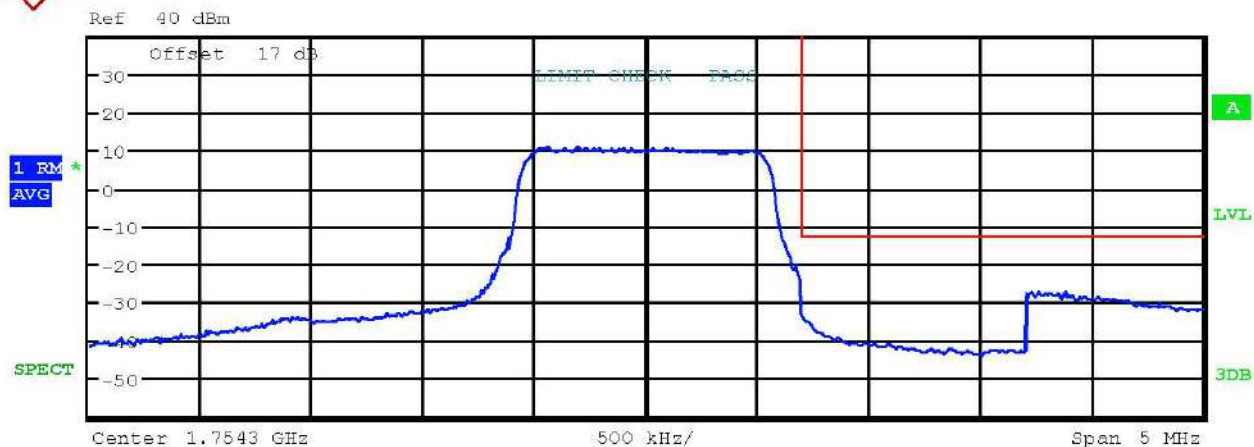


Date: 5.OCT.2022 15:10:37



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Tx Channel				BW_1_4_MHz_higher UL			
Bandwidth		1.4 MHz		Power		19.78 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-2.500 M	-700.000 k	100.00 k	1.753595 G	-25.60	-45.38	-325.60	
700.000 k	1.700 M	20.00 k	1.755000 G	-24.67	-44.45	-11.67	
1.700 M	2.500 M	1.00 M	1.756031 G	-27.48	-47.26	-14.48	

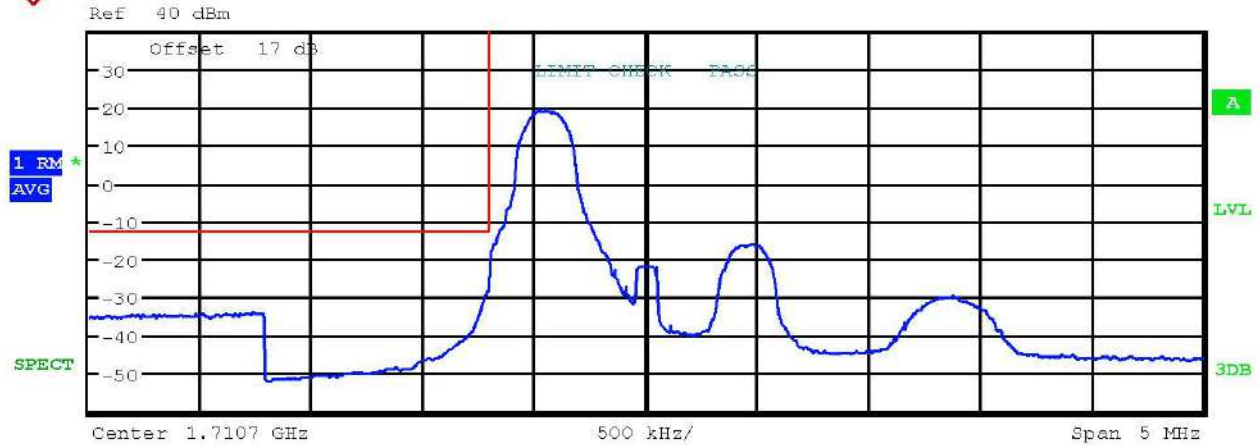
Date: 5.OCT.2022 15:11:14



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB



Tx Channel

Bandwidth

1.4 MHz

Power

BW_1_4_MHz_lower UL

20.77 dBm

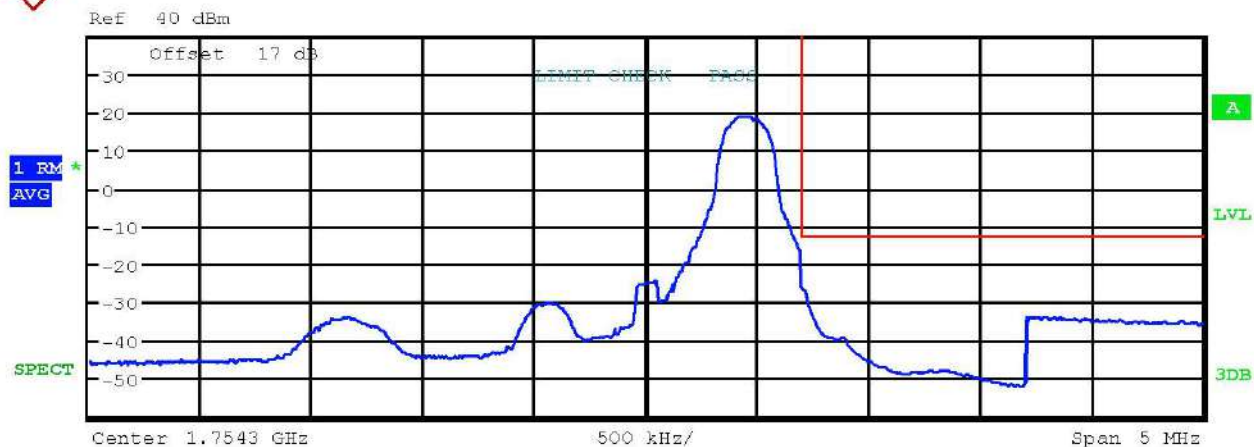
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]
-2.500 M	-1.700 M	1.00 M	1.708937 G	-33.87	-54.63	-20.87
-1.700 M	-700.000 k	20.00 k	1.709995 G	-28.50	-49.26	-15.50
700.000 k	2.500 M	100.00 k	1.712078 G	-29.77	-50.53	-329.77

Date: 5.OCT.2022 15:10:14



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2



Tx Channel				BW_1_4_MHz_higher UL			
Bandwidth				Power			
		1.4 MHz				20.66 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-2.500 M	-700.000 k	100.00 k	1.752946 G	-33.85	-54.51	-333.85	
700.000 k	1.700 M	20.00 k	1.755000 G	-16.90	-37.56	-3.90	
1.700 M	2.500 M	1.00 M	1.756159 G	-33.85	-54.51	-20.85	

Date: 5.OCT.2022 15:11:39

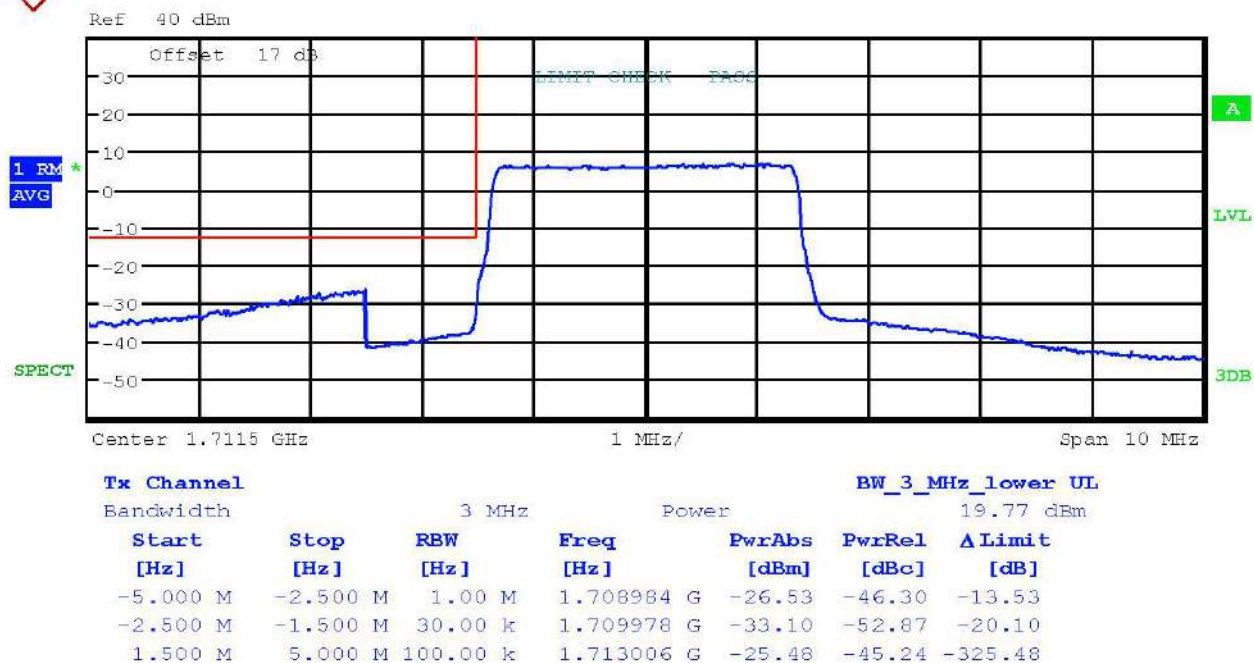


Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz QPSK

FRB

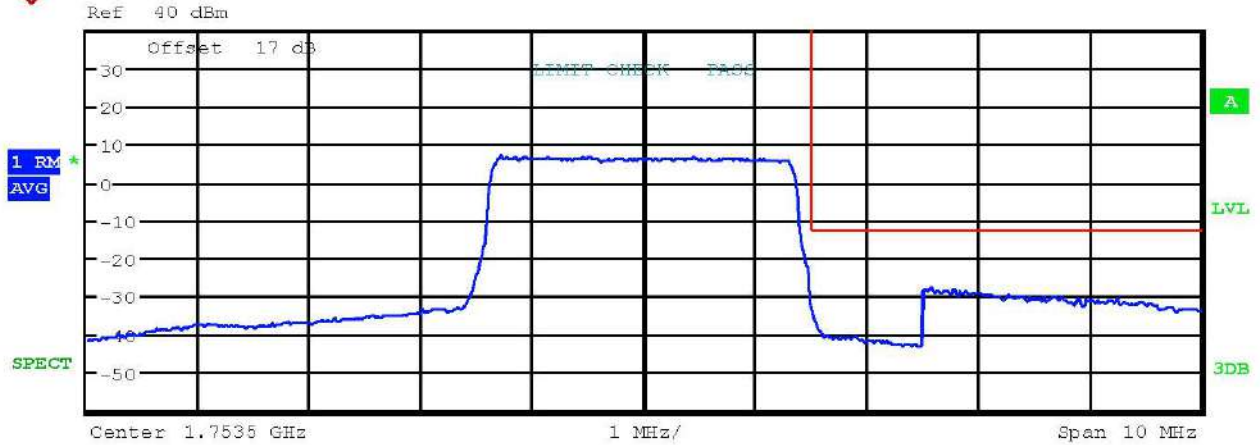


Date: 5.OCT.2022 15:13:09



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWDEN2



Tx Channel				BW_3_MHz_higher UL			
Bandwidth				Power			
3 MHz				19.87 dBm			
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-5.000 M	-1.500 M	100.00 k	1.751978 G	-26.67	-46.54	-326.67	
1.500 M	2.500 M	30.00 k	1.755006 G	-32.51	-52.37	-19.51	
2.500 M	5.000 M	1.00 M	1.756080 G	-28.02	-47.89	-15.02	

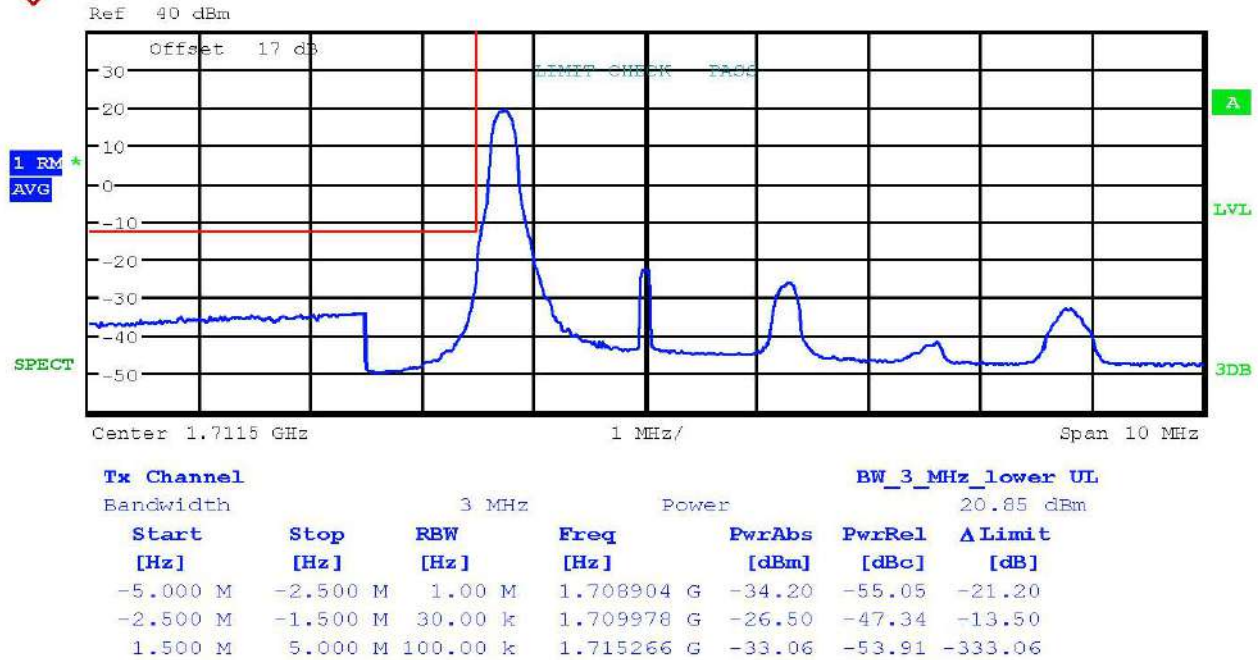
Date: 5.OCT.2022 15:14:18



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB



Date: 5.OCT.2022 15:12:47