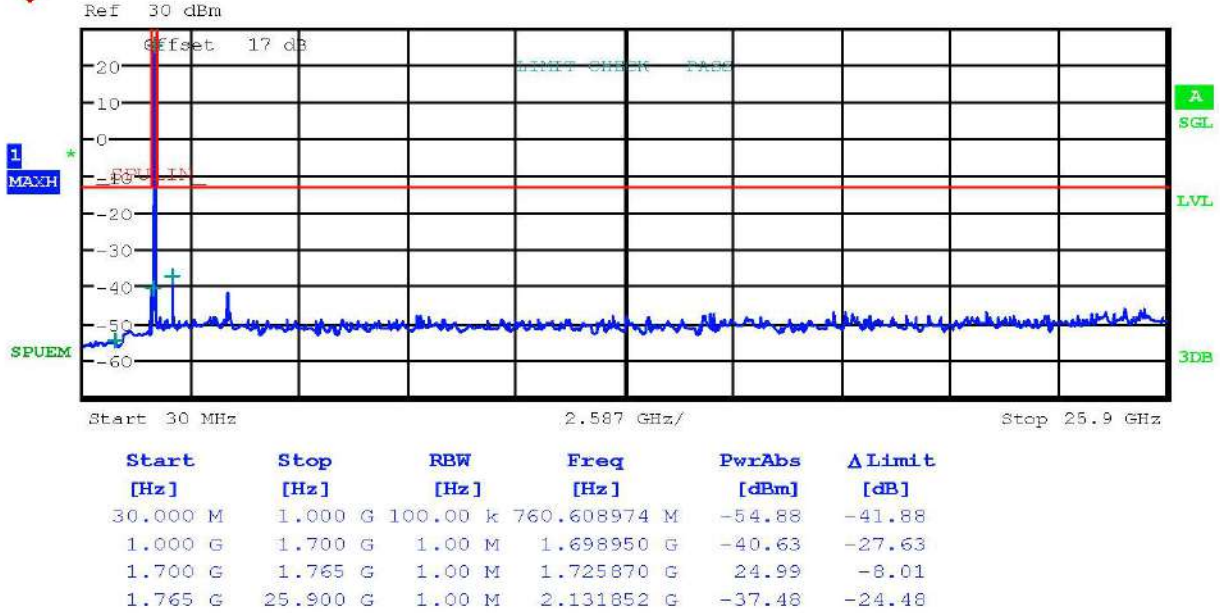




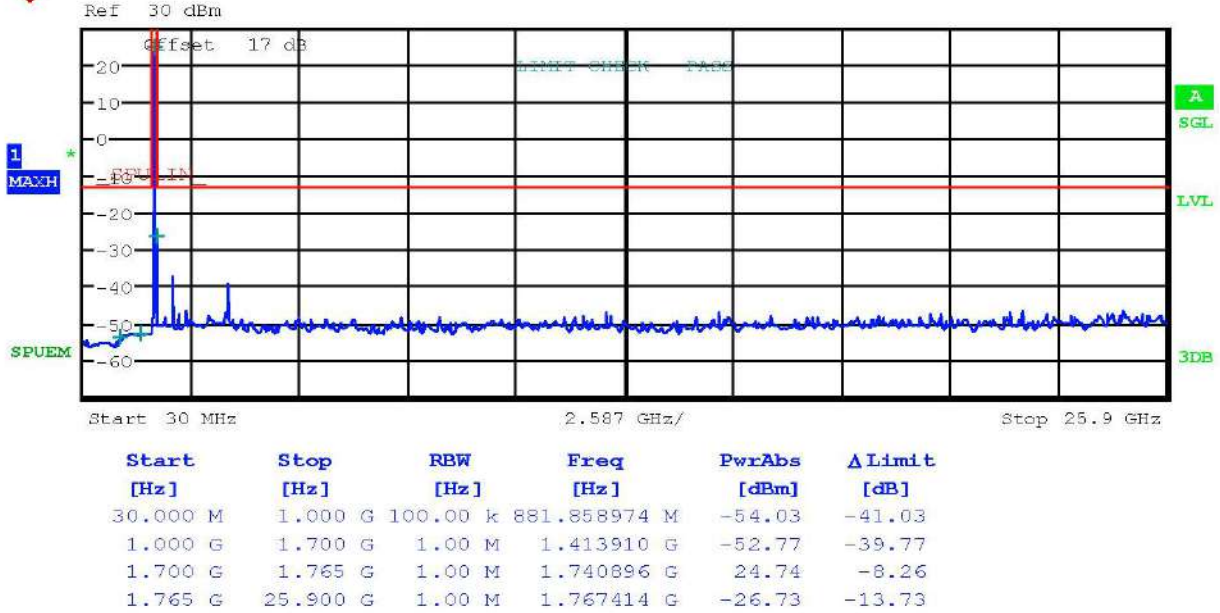
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

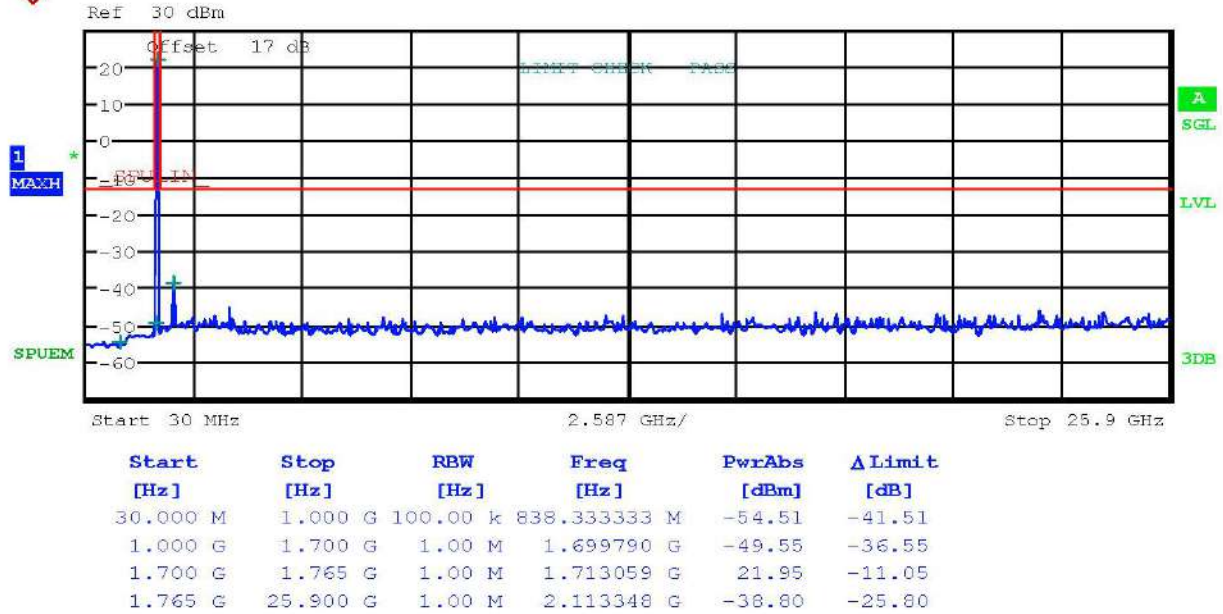


Date: 5.OCT.2022 20:16:42



Worldwide Testing Services(Taiwan) Co., Ltd.

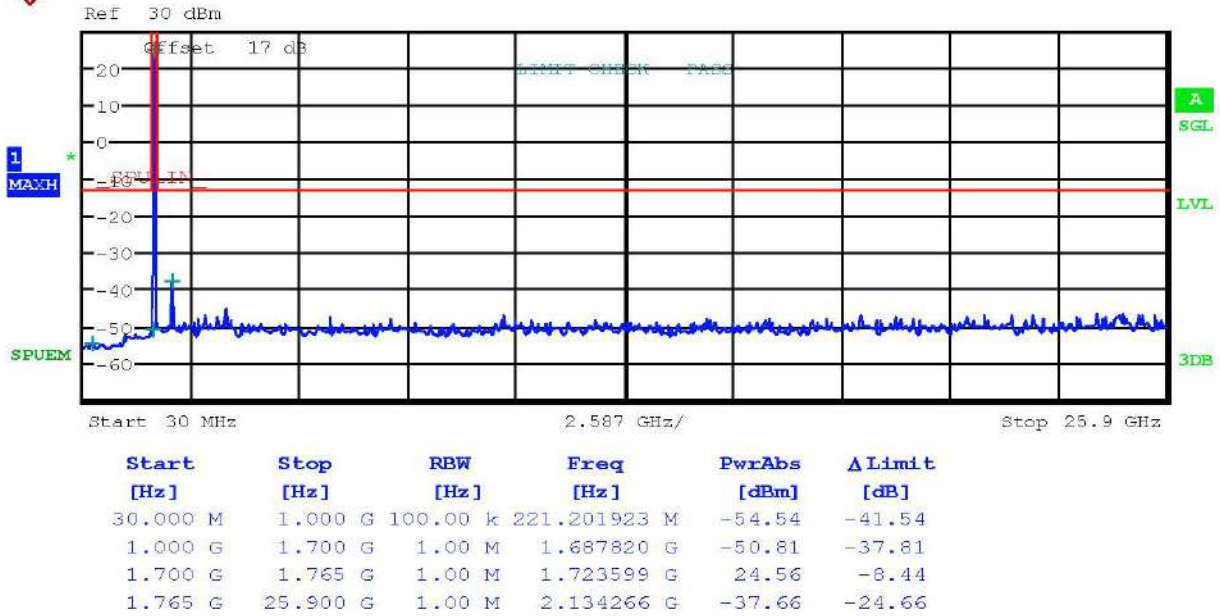
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 20 MHz 16QAM



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



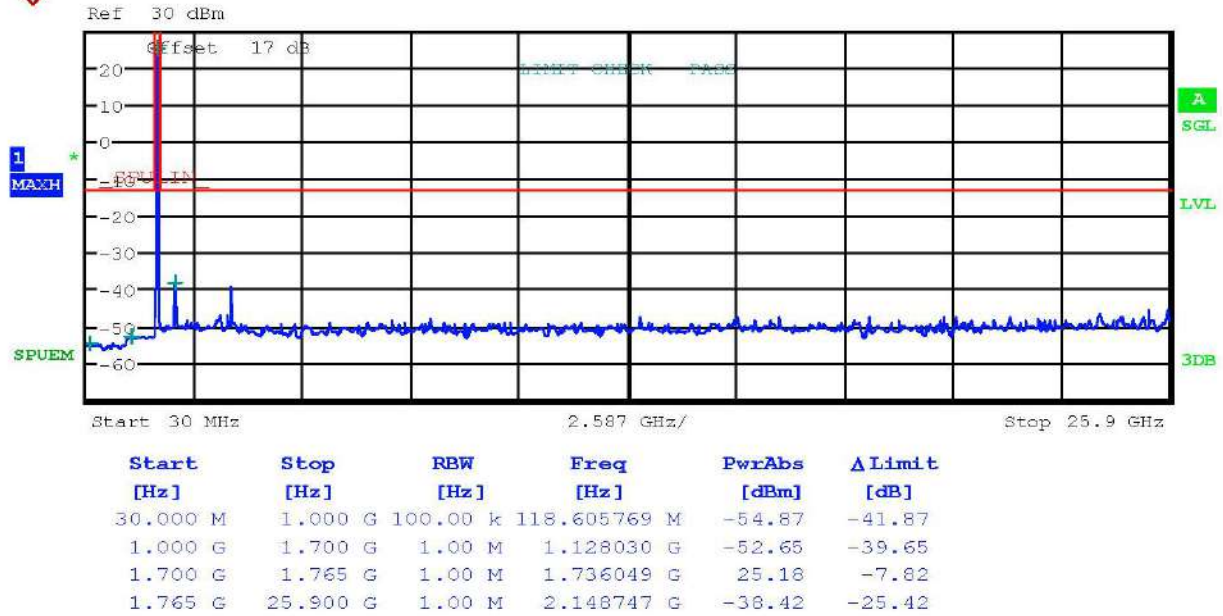
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



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



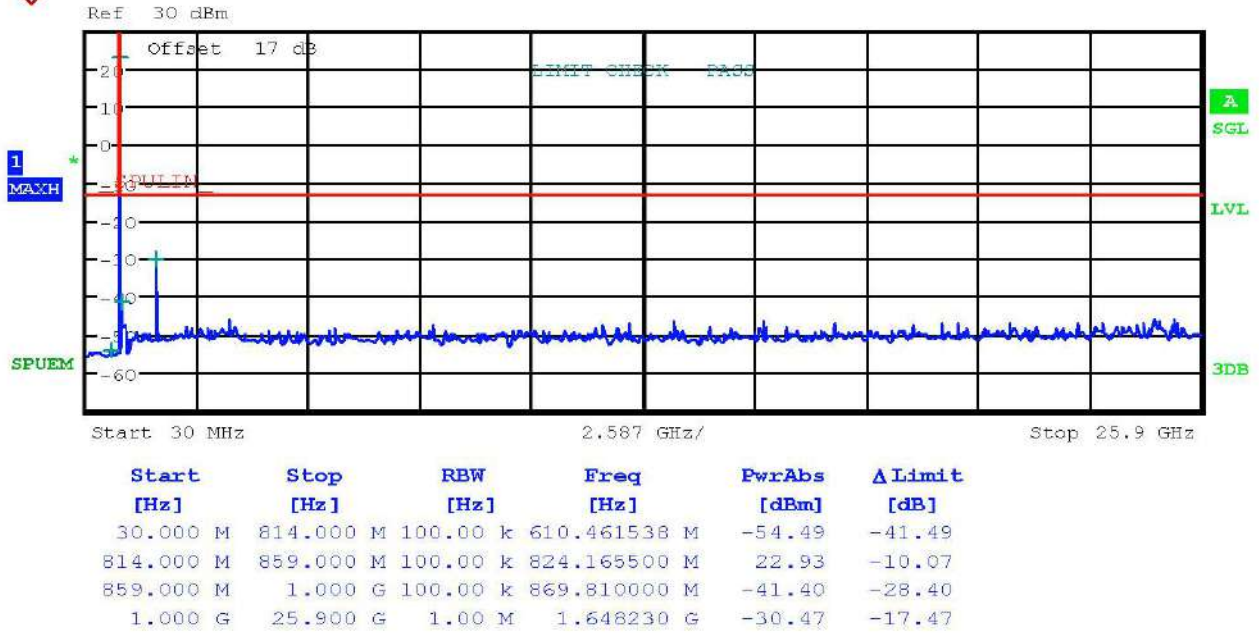
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

Band 5

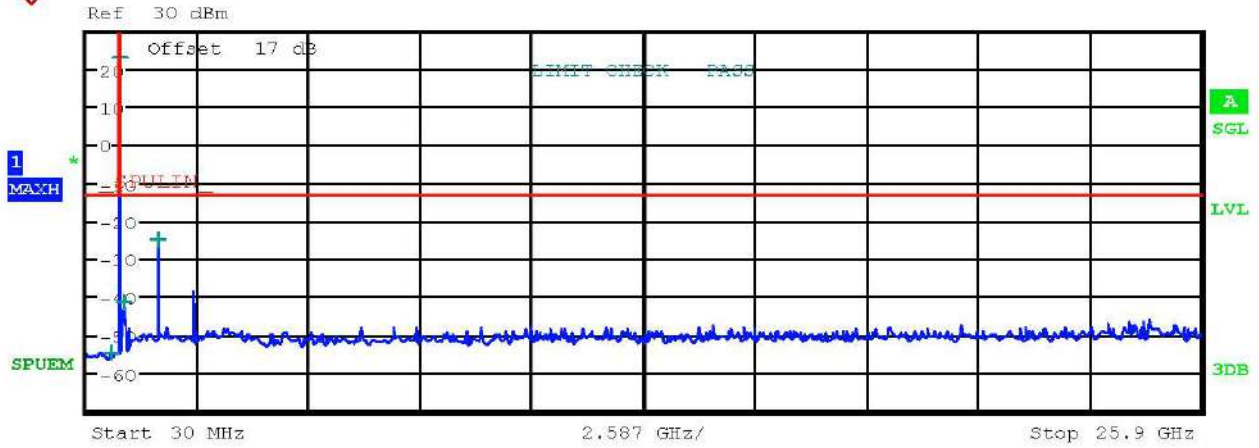
1.4 MHz QPSK



Date: 5.OCT.2022 20:30:43



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

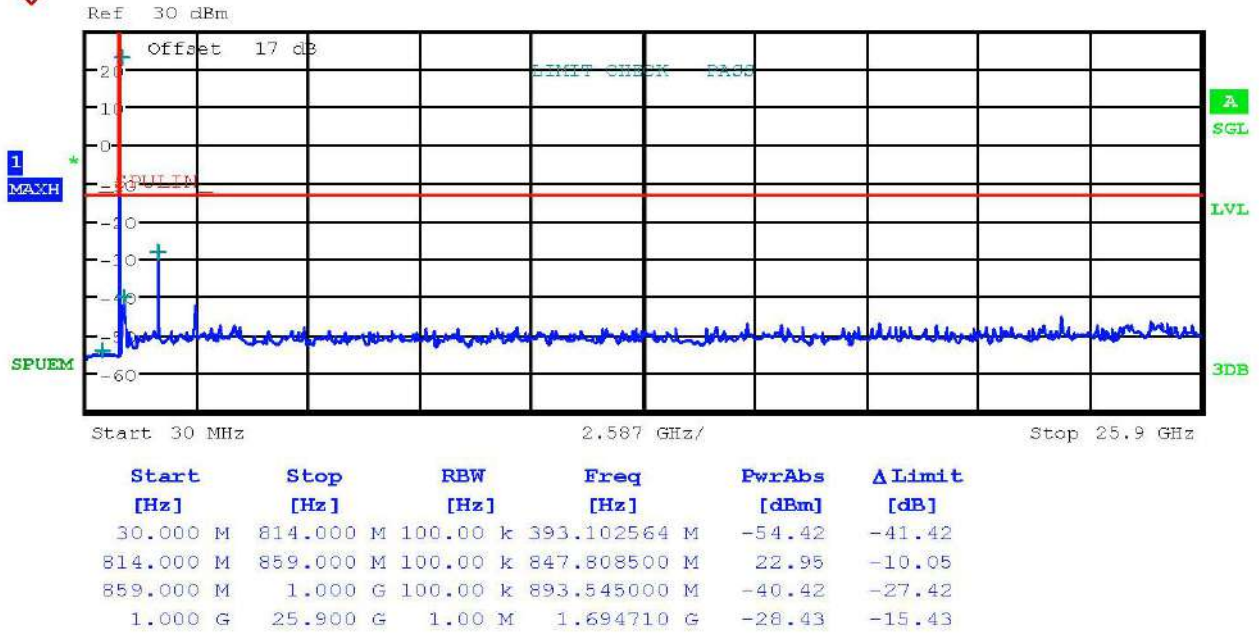


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	595.384615 M	-54.77	-41.77
814.000 M	859.000 M	100.00 k	835.987000 M	22.94	-10.06
859.000 M	1.000 G	100.00 k	881.000700 M	-41.80	-28.80
1.000 G	25.900 G	1.00 M	1.671470 G	-25.16	-12.16

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



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



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

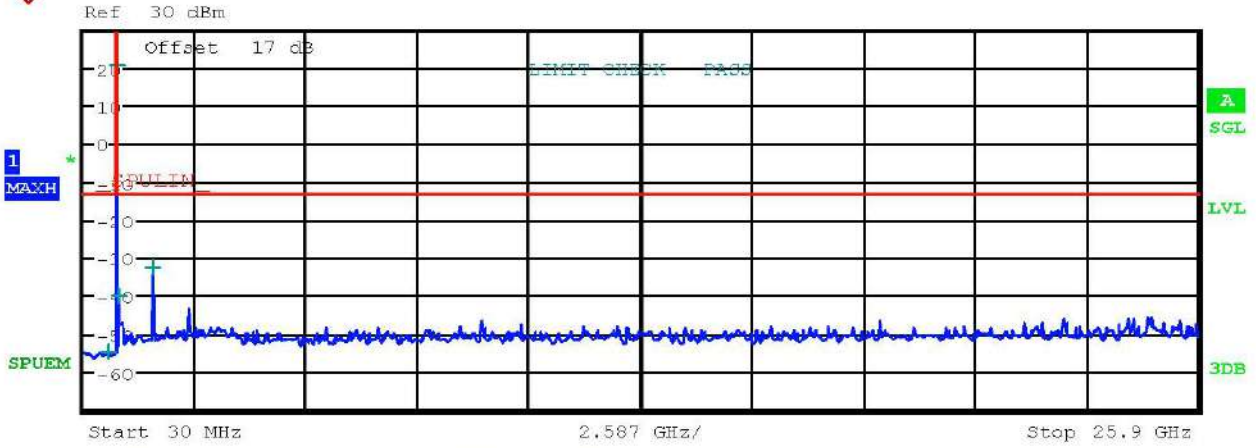


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz QPSK

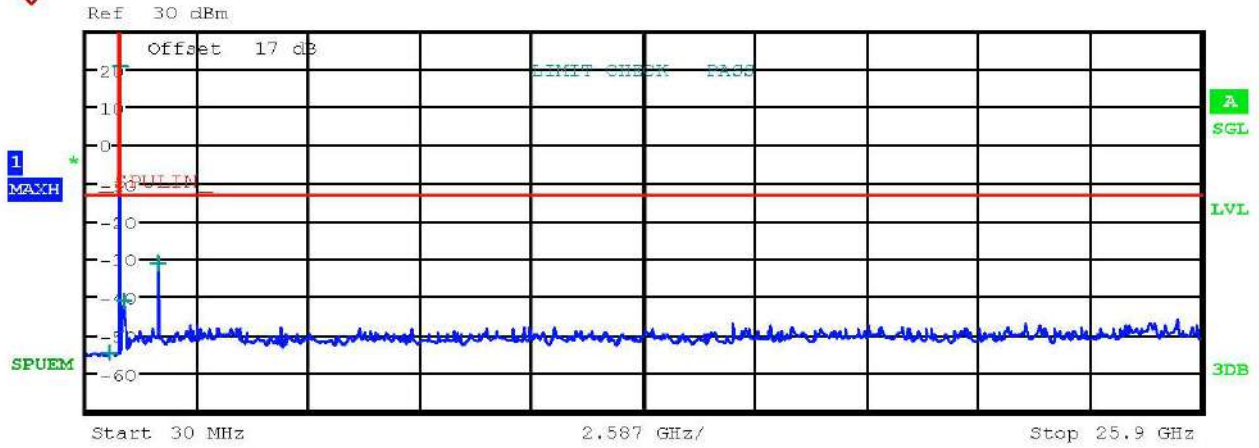


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	592.871795 M	-54.85	-41.85
814.000 M	859.000 M	100.00 k	824.399500 M	20.21	-12.79
859.000 M	1.000 G	100.00 k	870.256500 M	-40.28	-27.28
1.000 G	25.900 G	1.00 M	1.648230 G	-32.57	-19.57

Date: 5.OCT.2022 20:34:24



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

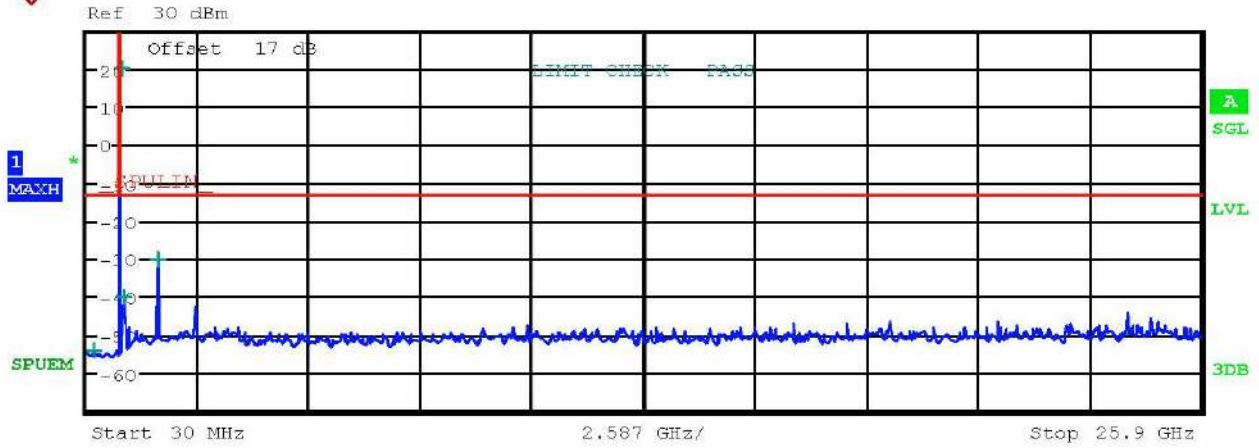


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	579.051282 M	-54.52	-41.52
814.000 M	859.000 M	100.00 k	835.627000 M	20.25	-12.75
859.000 M	1.000 G	100.00 k	881.315600 M	-41.13	-28.13
1.000 G	25.900 G	1.00 M	1.670640 G	-31.07	-18.07

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



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



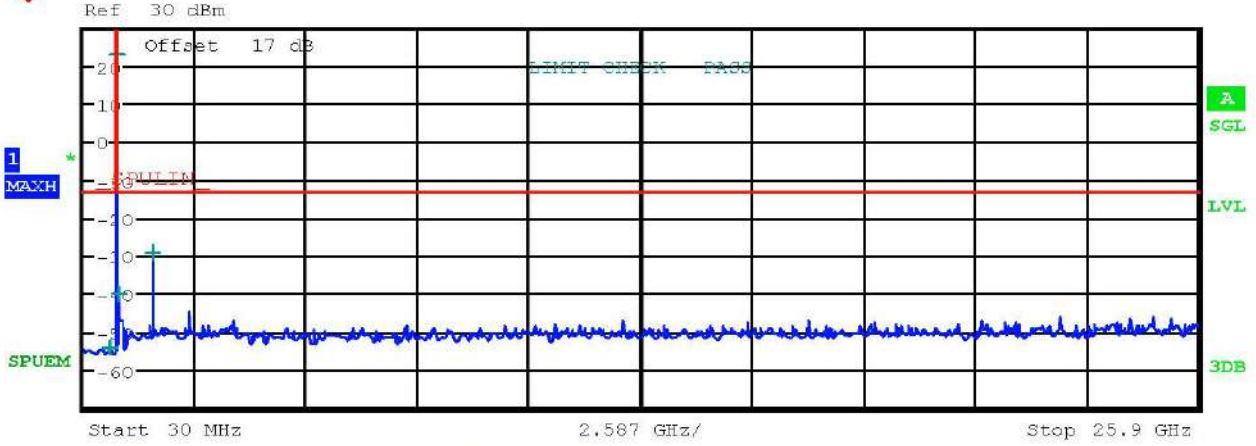
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	204.641026 M	-54.22	-41.22
814.000 M	859.000 M	100.00 k	846.517000 M	19.75	-13.25
859.000 M	1.000 G	100.00 k	893.357000 M	-40.03	-27.03
1.000 G	25.900 G	1.00 M	1.693050 G	-30.13	-17.13

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 5 MHz QPSK



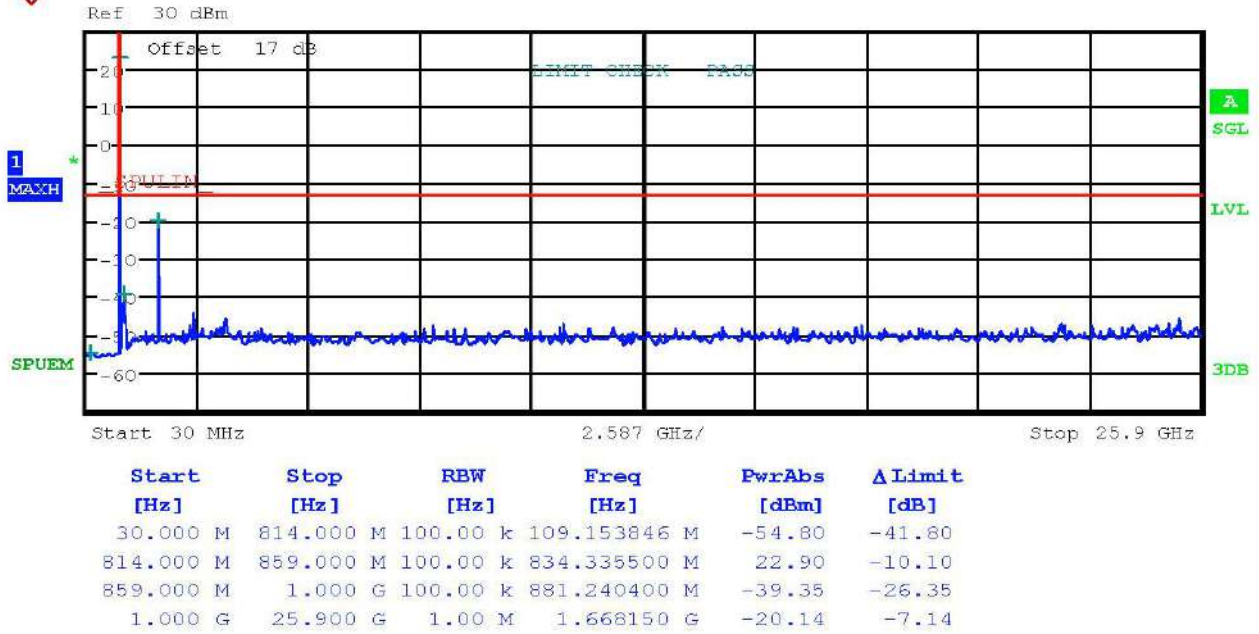
Start 30 MHz 2.587 GHz/ Stop 25.9 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	631.820513 M	-54.49	-41.49
814.000 M	859.000 M	100.00 k	824.354500 M	22.77	-10.23
859.000 M	1.000 G	100.00 k	872.366800 M	-40.21	-27.21
1.000 G	25.900 G	1.00 M	1.649060 G	-29.45	-16.45

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



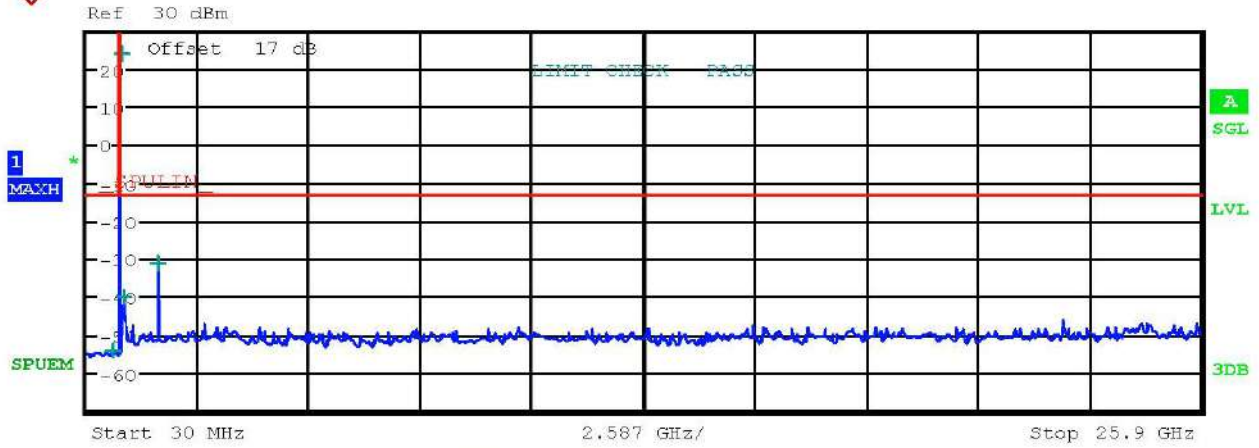
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2



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



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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	653.179487 M	-54.49	-41.49
814.000 M	859.000 M	100.00 k	844.276000 M	23.48	-9.52
859.000 M	1.000 G	100.00 k	889.817900 M	-40.36	-27.36
1.000 G	25.900 G	1.00 M	1.687240 G	-31.41	-18.41

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

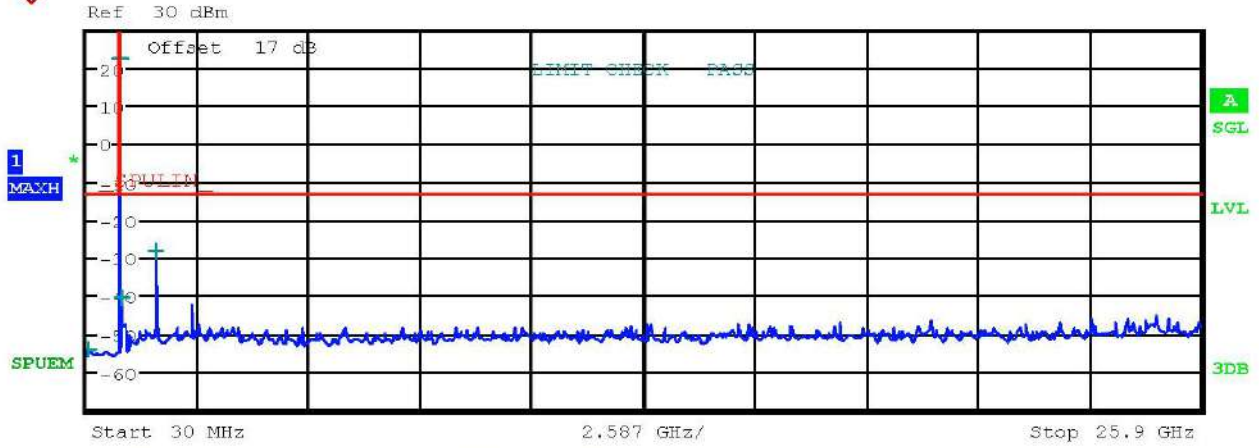


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

10 MHz QPSK

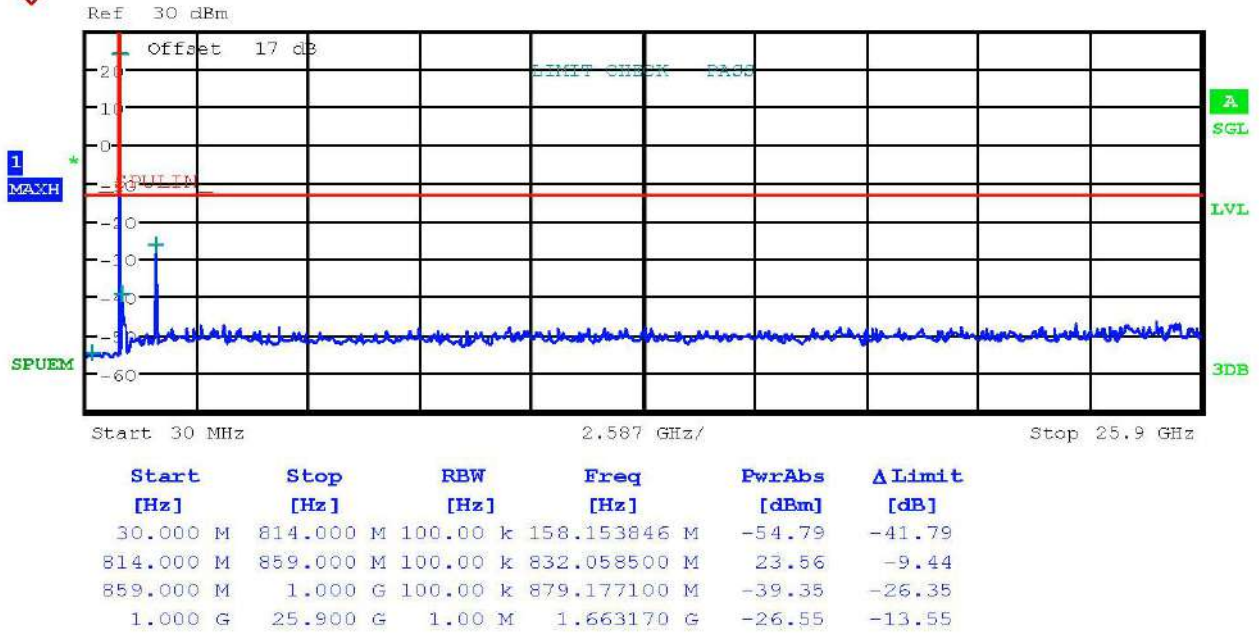


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	85.282051 M	-54.27	-41.27
814.000 M	859.000 M	100.00 k	824.579500 M	22.28	-10.72
859.000 M	1.000 G	100.00 k	877.832900 M	-40.45	-27.45
1.000 G	25.900 G	1.00 M	1.648230 G	-28.40	-15.40

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



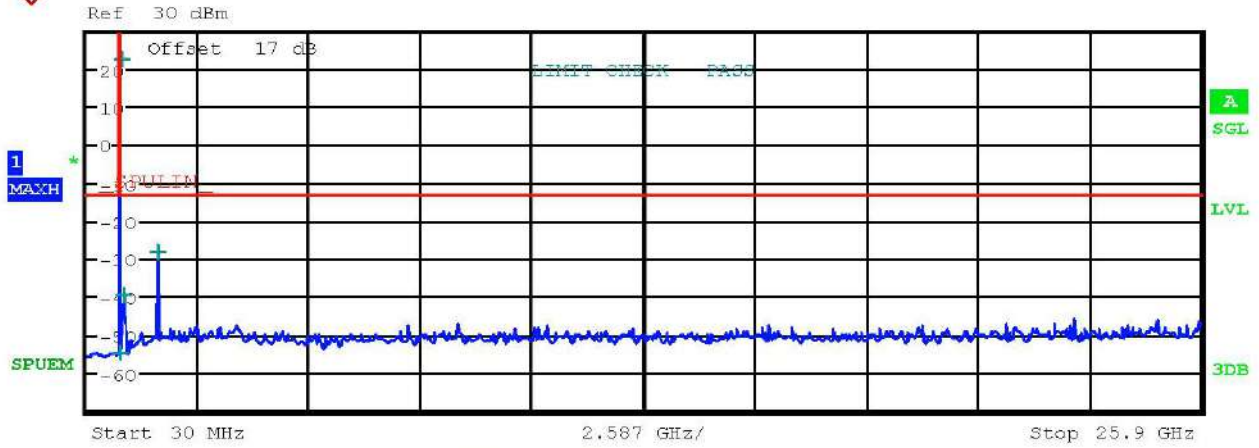
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2



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



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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	801.435897 M	-54.80	-41.80
814.000 M	859.000 M	100.00 k	839.623000 M	22.27	-10.73
859.000 M	1.000 G	100.00 k	885.658400 M	-39.66	-26.66
1.000 G	25.900 G	1.00 M	1.678940 G	-28.49	-15.49

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

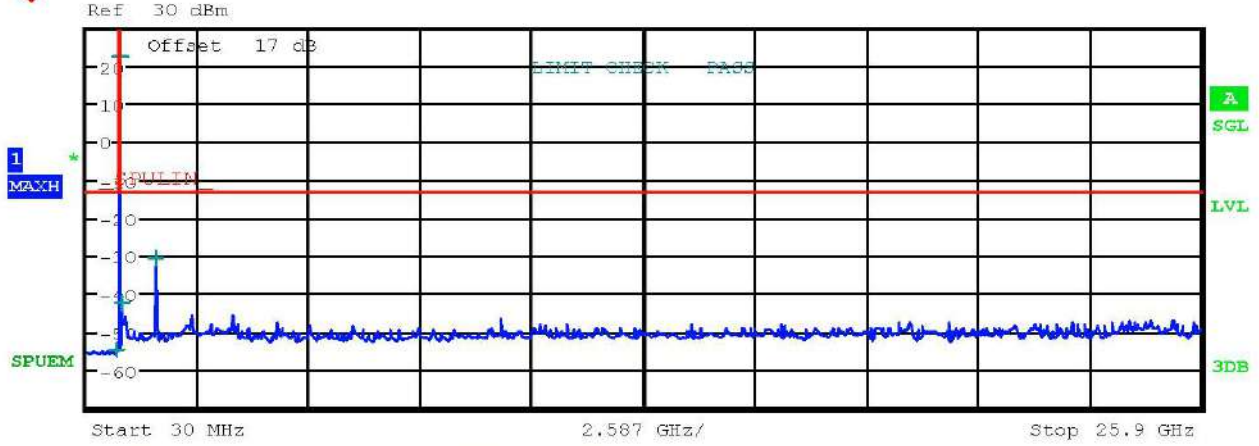


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1.4 MHz 16QAM

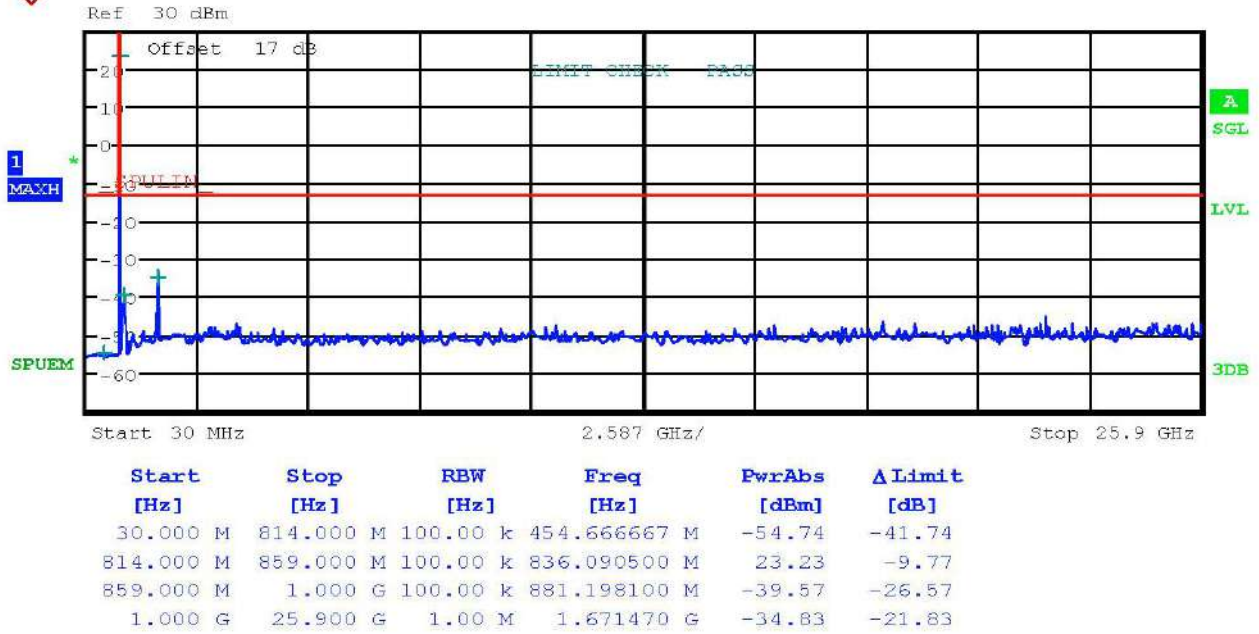


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	718.512821 M	-54.52	-41.52
814.000 M	859.000 M	100.00 k	824.219500 M	22.38	-10.62
859.000 M	1.000 G	100.00 k	870.134300 M	-42.36	-29.36
1.000 G	25.900 G	1.00 M	1.647400 G	-30.64	-17.64

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



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

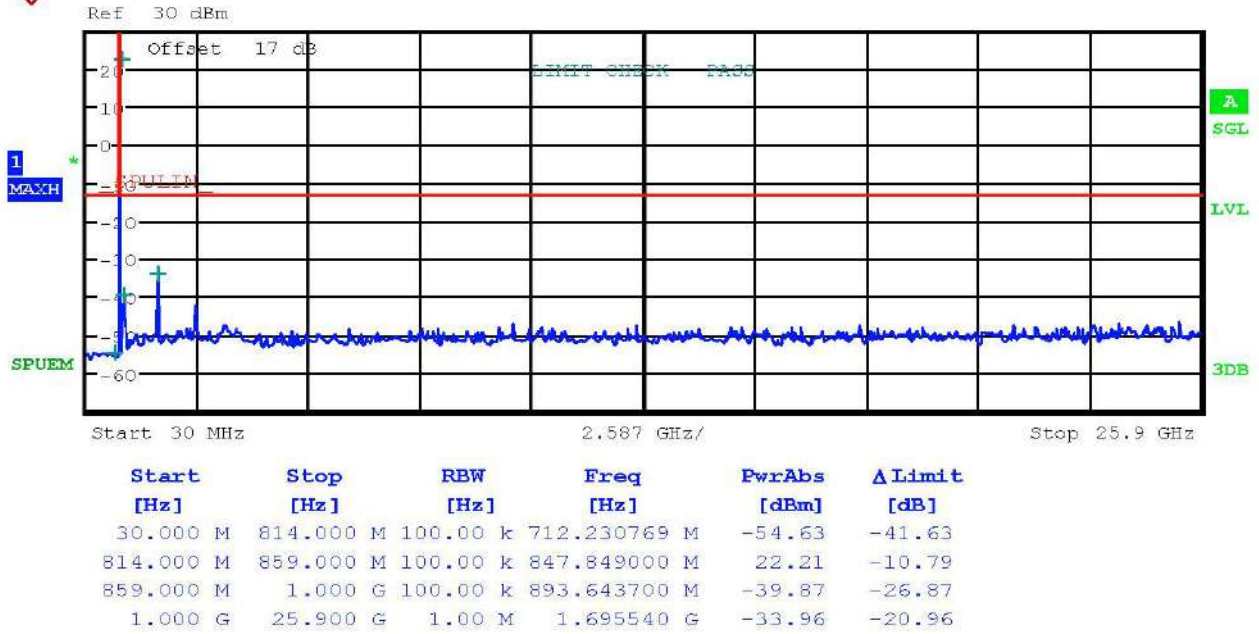


Date: 5.OCT.2022 20:28:27



Worldwide Testing Services(Taiwan) Co., Ltd.

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



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

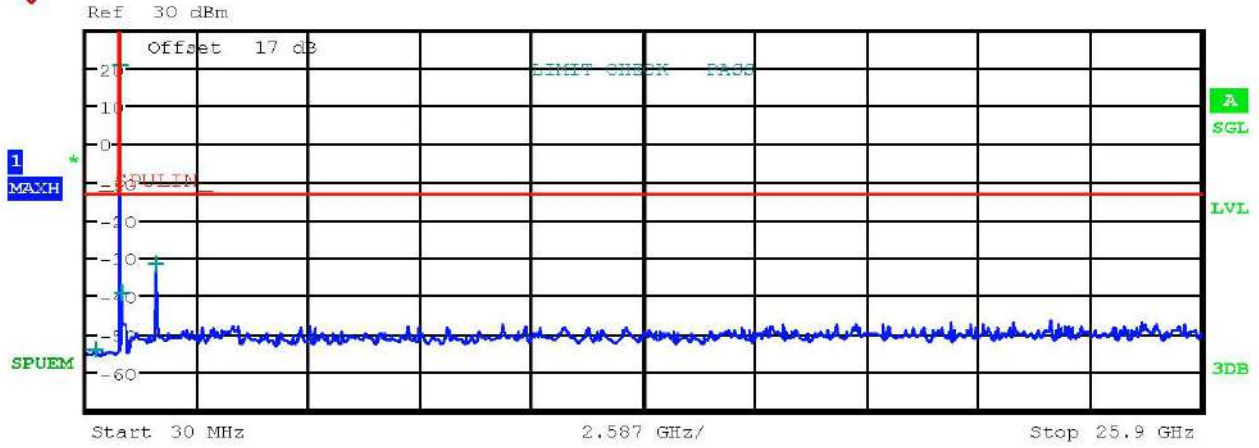


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

3 MHz 16QAM

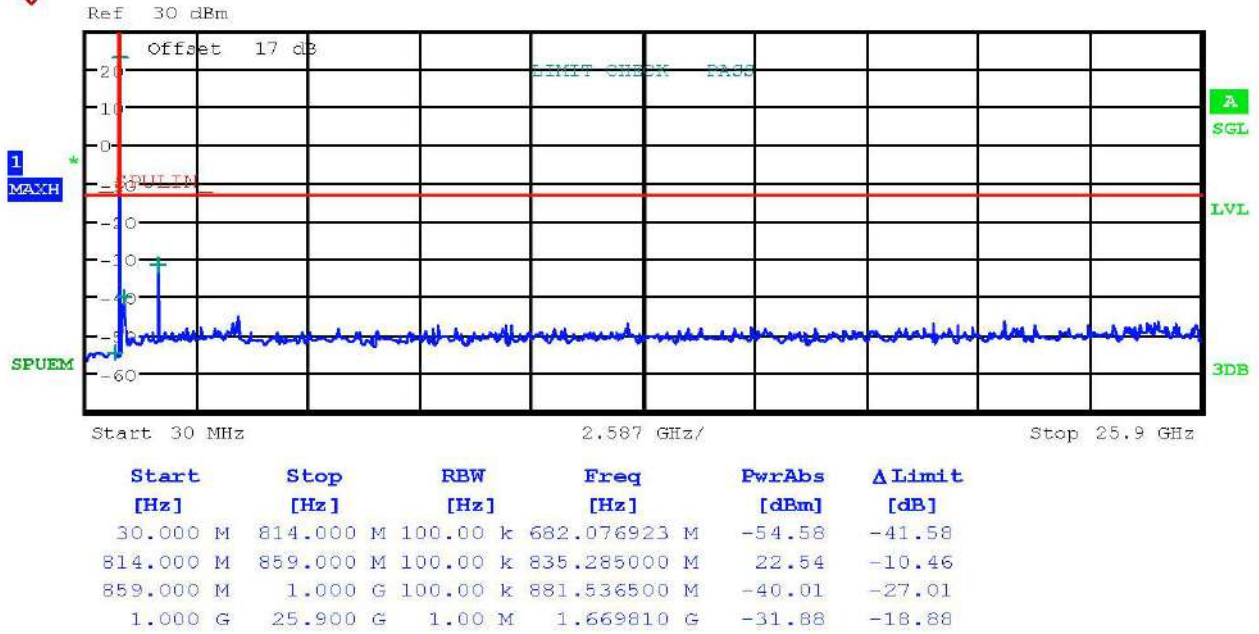


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	234.794872 M	-54.43	-41.43
814.000 M	859.000 M	100.00 k	824.314000 M	20.57	-12.43
859.000 M	1.000 G	100.00 k	871.704100 M	-39.20	-26.20
1.000 G	25.900 G	1.00 M	1.648230 G	-31.85	-18.85

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



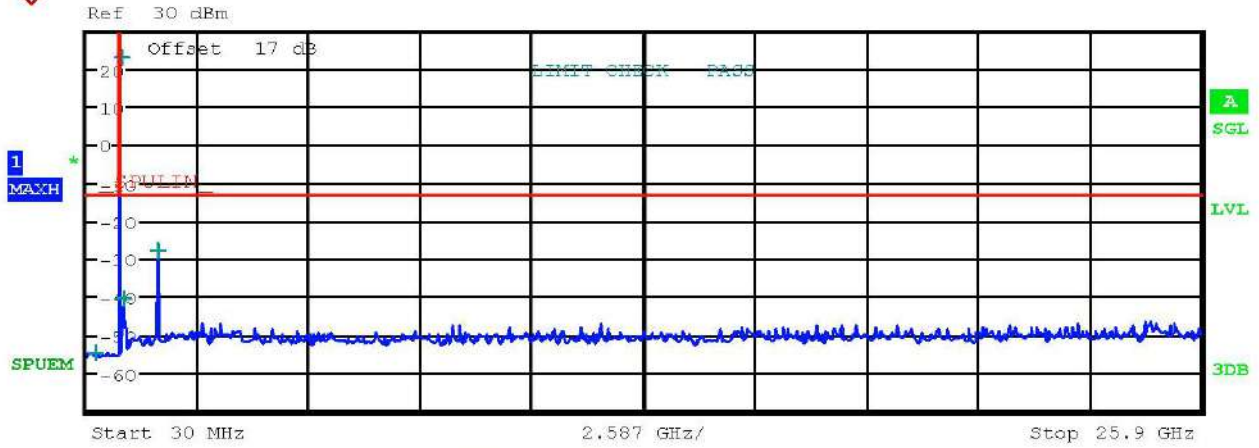
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2



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



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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	247.358974 M	-54.69	-41.69
814.000 M	859.000 M	100.00 k	846.197500 M	22.69	-10.31
859.000 M	1.000 G	100.00 k	893.667200 M	-40.60	-27.60
1.000 G	25.900 G	1.00 M	1.691390 G	-28.14	-15.14

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

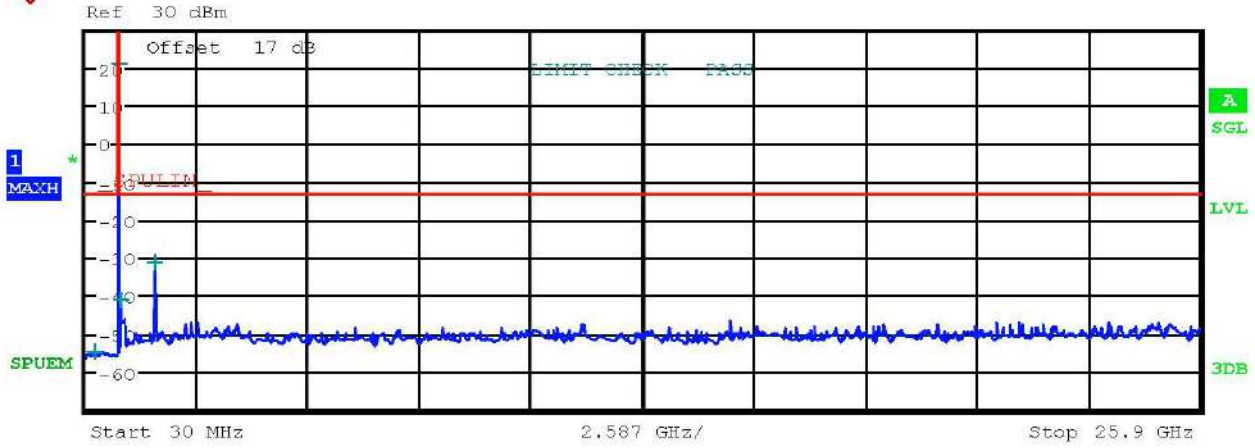


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz 16QAM

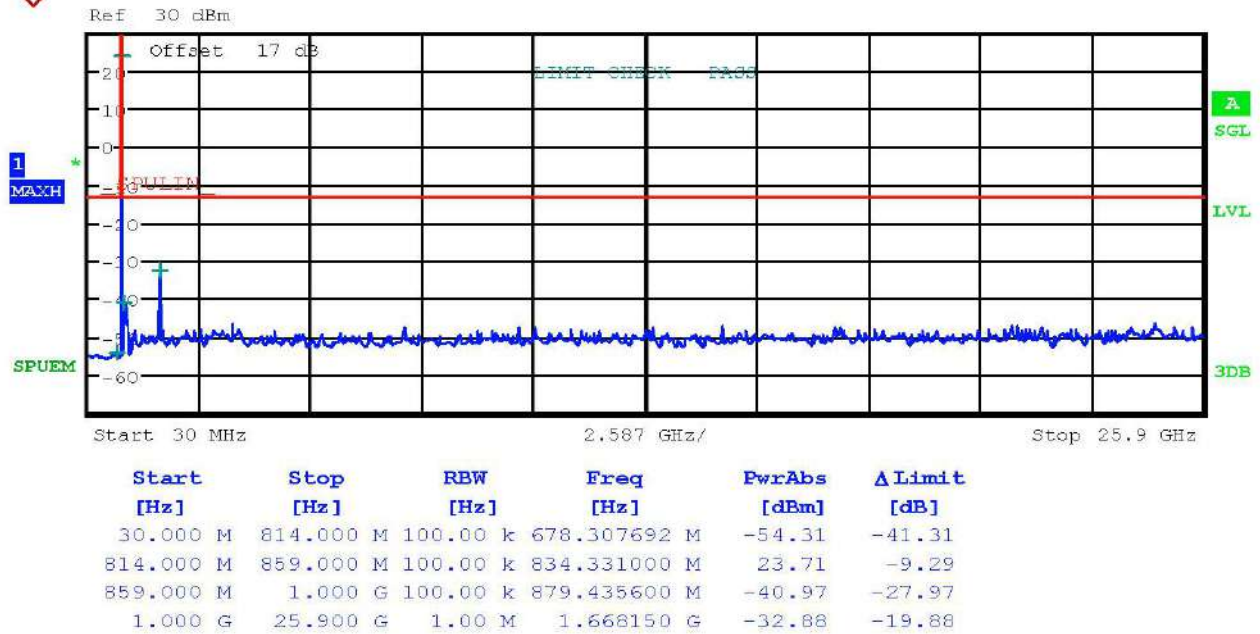


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	257.410256 M	-54.66	-41.66
814.000 M	859.000 M	100.00 k	824.341000 M	20.92	-12.08
859.000 M	1.000 G	100.00 k	871.201200 M	-41.29	-28.29
1.000 G	25.900 G	1.00 M	1.648230 G	-31.09	-18.09

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



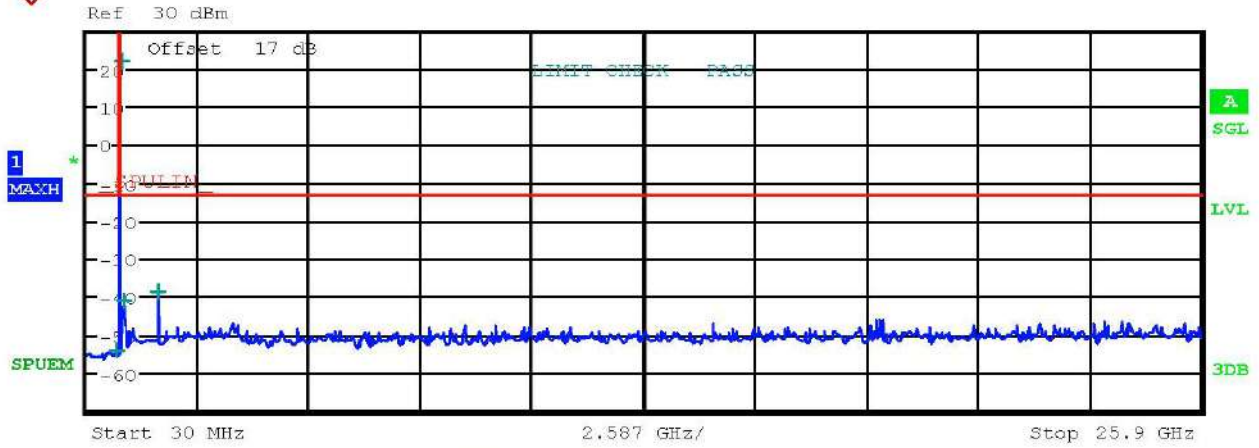
Report Number: W6R22209-22106-P-247
FCC ID: GX9HYGWTEN2



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



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

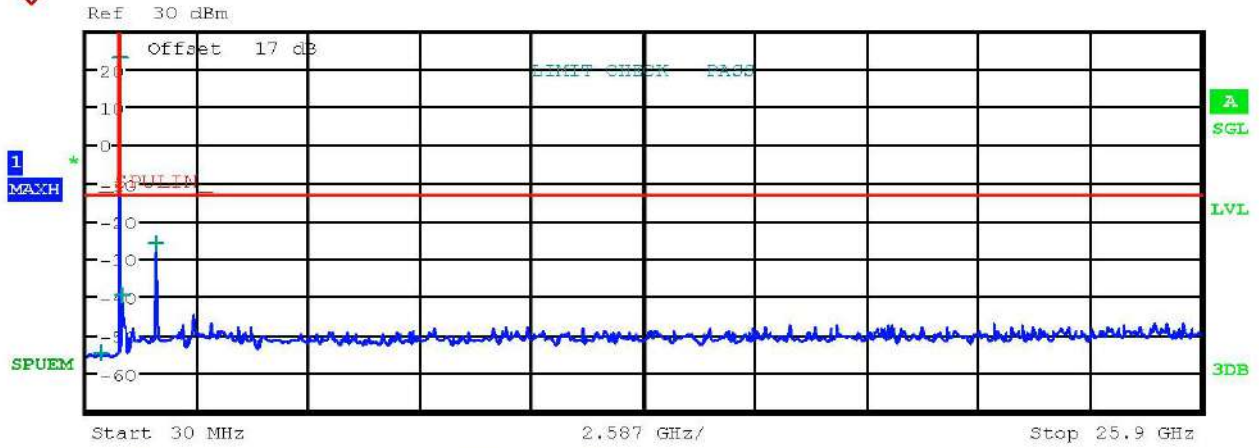


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	727.307692 M	-54.47	-41.47
814.000 M	859.000 M	100.00 k	844.294000 M	21.69	-11.31
859.000 M	1.000 G	100.00 k	891.392400 M	-41.23	-28.23
1.000 G	25.900 G	1.00 M	1.688900 G	-39.01	-26.01

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



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

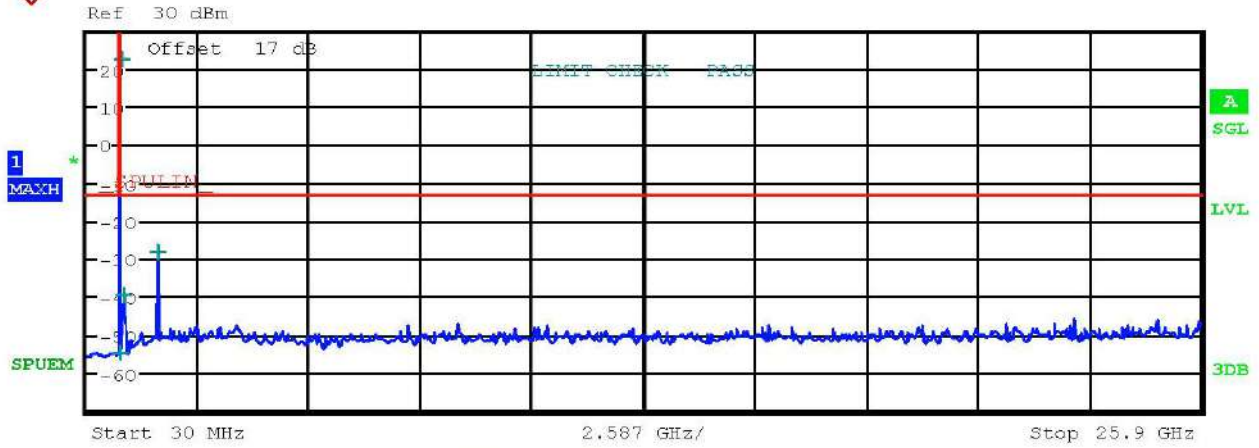


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	349.128205 M	-54.65	-41.65
814.000 M	859.000 M	100.00 k	832.072000 M	22.69	-10.31
859.000 M	1.000 G	100.00 k	879.045500 M	-39.87	-26.87
1.000 G	25.900 G	1.00 M	1.664000 G	-26.32	-13.32

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



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



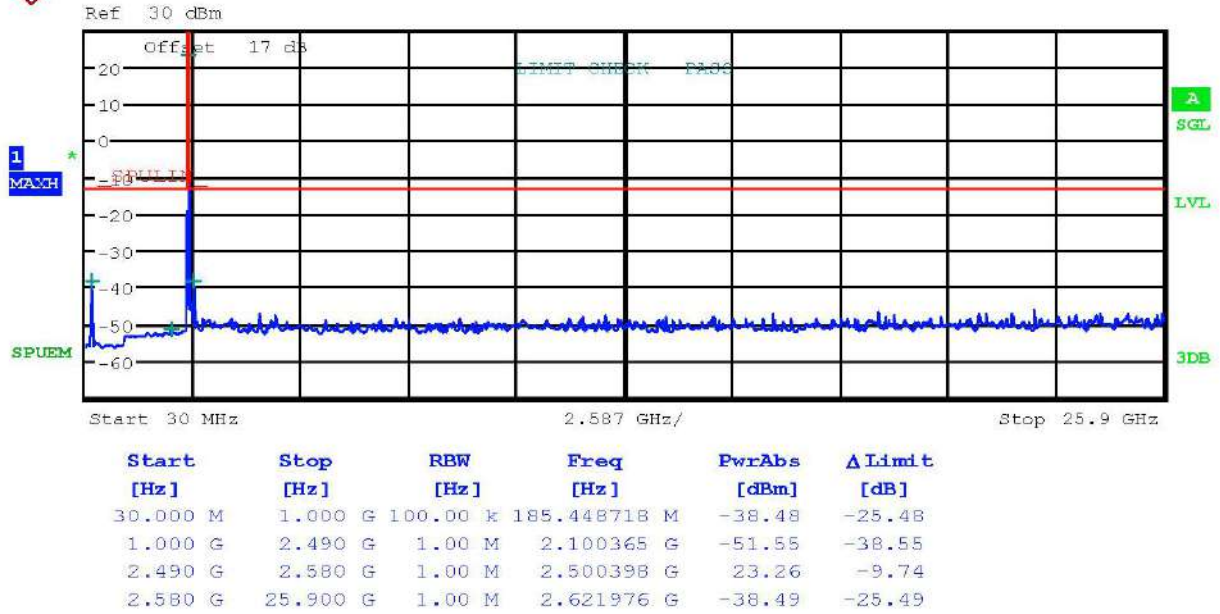
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	801.435897 M	-54.80	-41.80
814.000 M	859.000 M	100.00 k	839.623000 M	22.27	-10.73
859.000 M	1.000 G	100.00 k	885.658400 M	-39.66	-26.66
1.000 G	25.900 G	1.00 M	1.678940 G	-28.49	-15.49

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



Worldwide Testing Services(Taiwan) Co., Ltd.

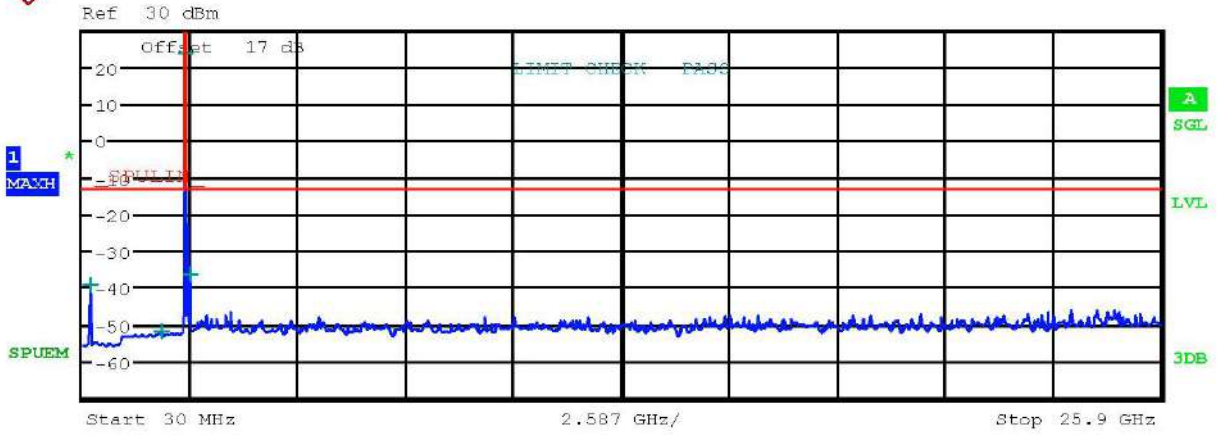
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 Band 7
 5 MHz QPSK



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

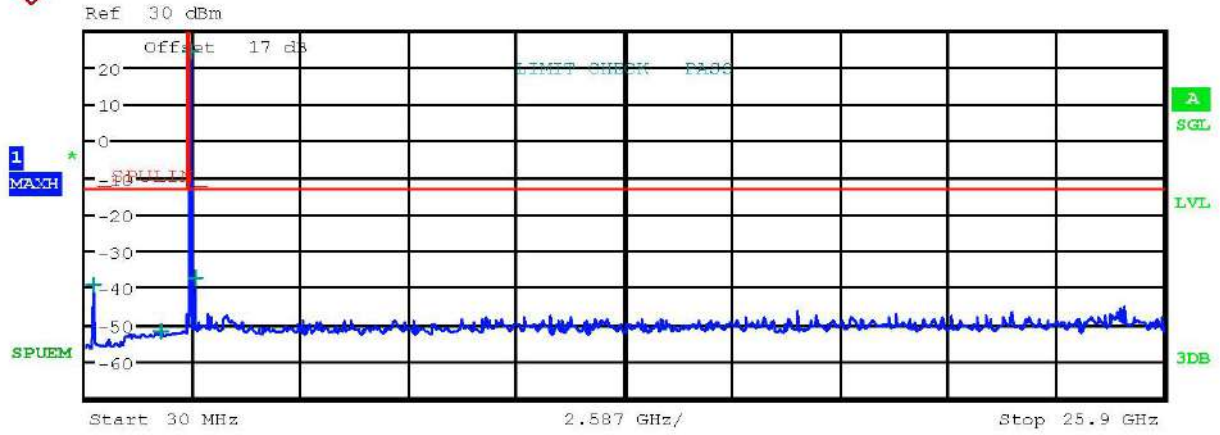


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	218.092949 M	-39.32	-26.32
1.000 G	2.490 G	1.00 M	1.939147 G	-52.10	-39.10
2.490 G	2.580 G	1.00 M	2.532792 G	23.46	-9.54
2.580 G	25.900 G	1.00 M	2.655401 G	-36.24	-23.24

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	250.737179 M	-39.32	-26.32
1.000 G	2.490 G	1.00 M	1.841701 G	-51.81	-38.81
2.490 G	2.580 G	1.00 M	2.565282 G	24.01	-8.99
2.580 G	25.900 G	1.00 M	2.688049 G	-37.24	-24.24

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

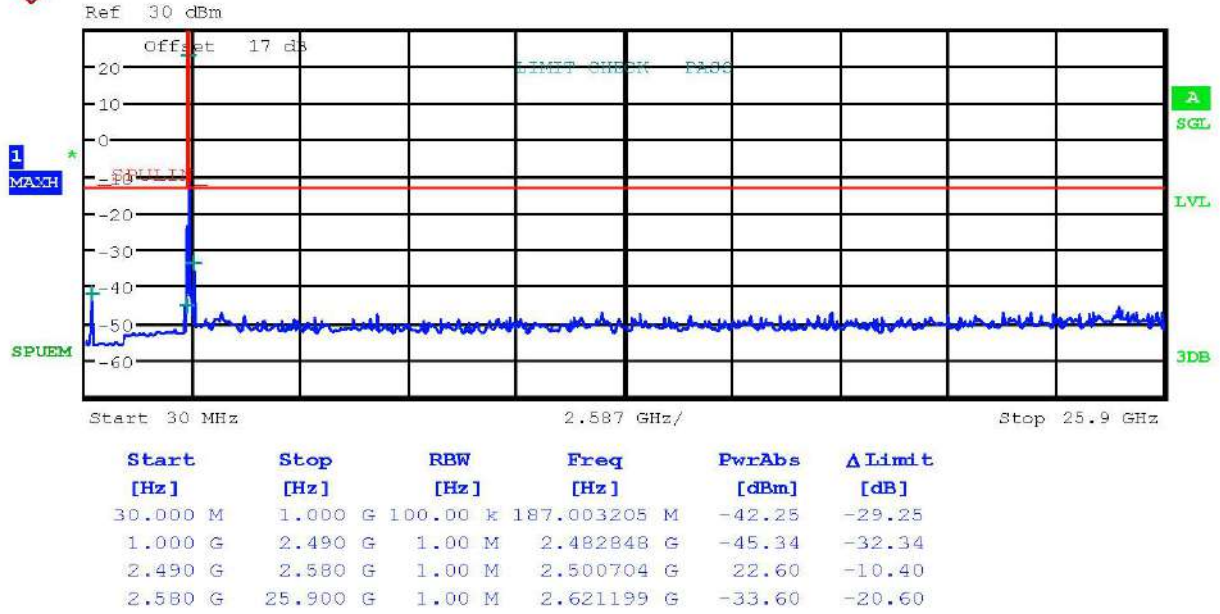


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

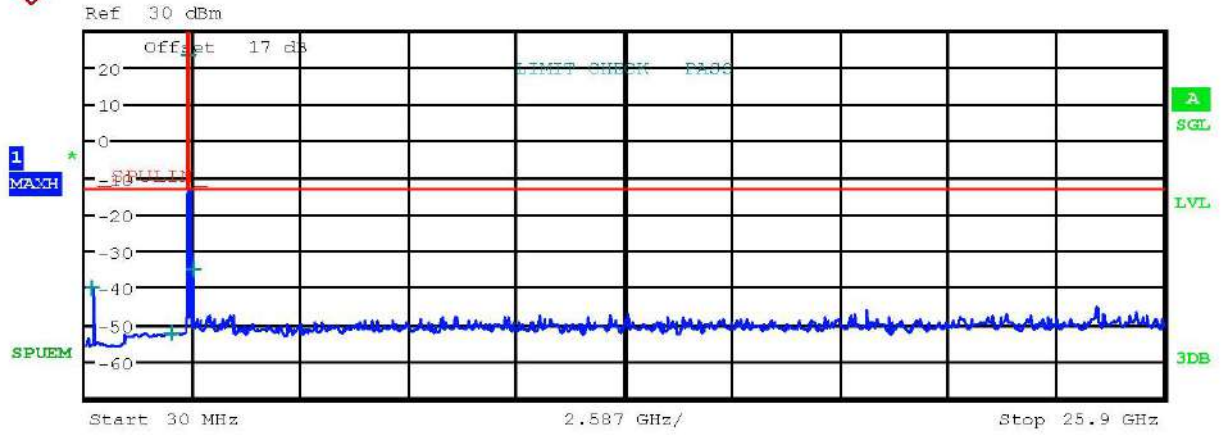
10 MHz QPSK



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

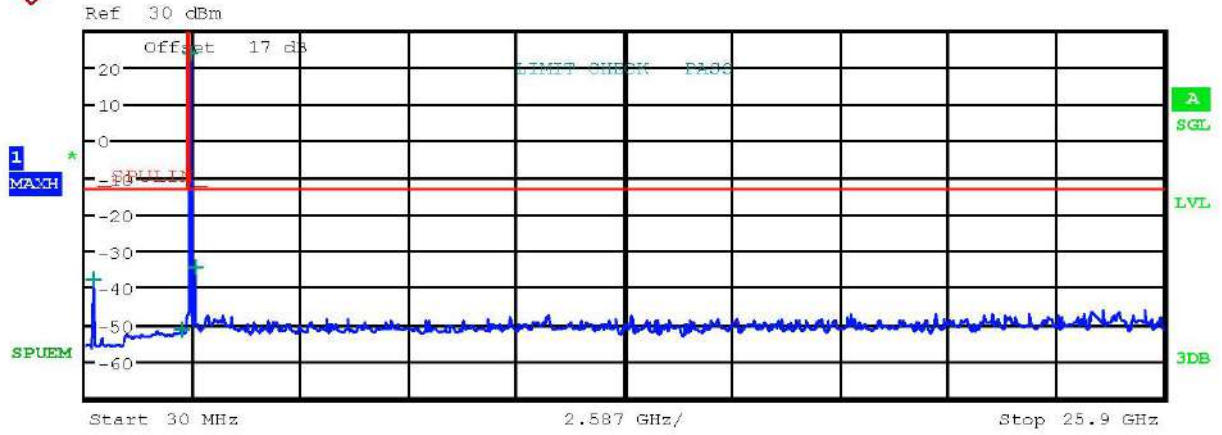


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	216.538462 M	-40.27	-27.27
1.000 G	2.490 G	1.00 M	2.084869 G	-52.19	-39.19
2.490 G	2.580 G	1.00 M	2.530497 G	23.30	-9.70
2.580 G	25.900 G	1.00 M	2.655401 G	-34.97	-21.97

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



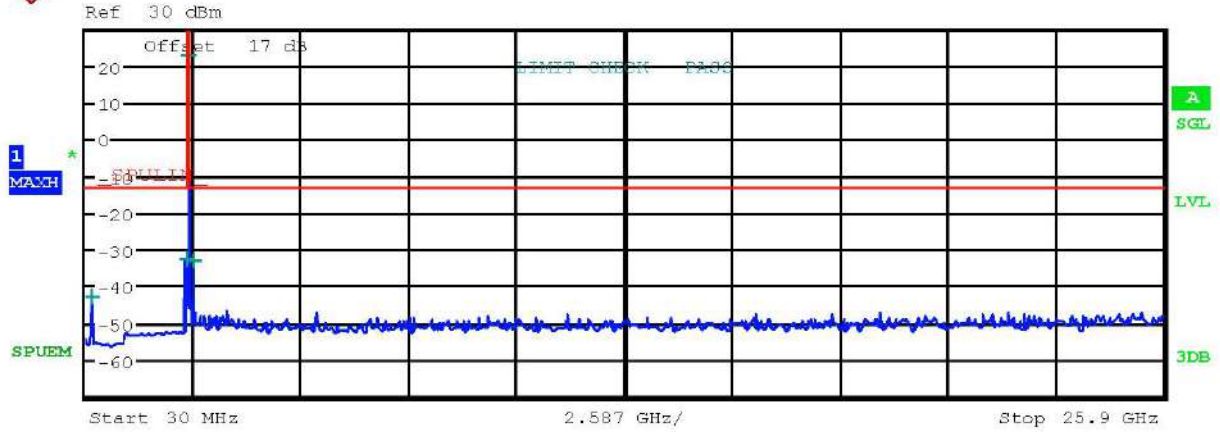
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	246.073718 M	-37.87	-24.87
1.000 G	2.490 G	1.00 M	2.350983 G	-51.37	-38.37
2.490 G	2.580 G	1.00 M	2.560536 G	23.86	-9.14
2.580 G	25.900 G	1.00 M	2.682608 G	-34.36	-21.36

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 15 MHz QPSK

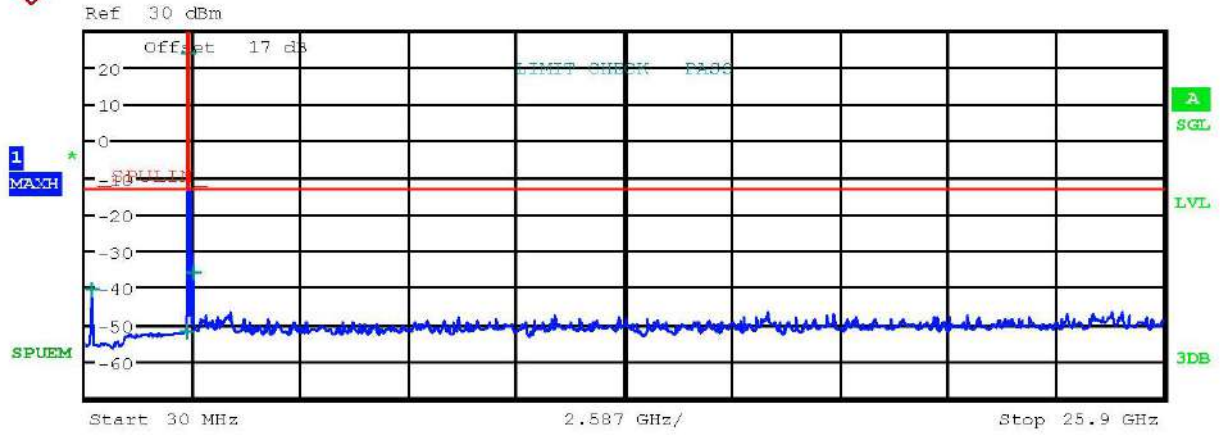


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	187.003205 M	-42.88	-29.88
1.000 G	2.490 G	1.00 M	2.487914 G	-32.76	-19.76
2.490 G	2.580 G	1.00 M	2.500692 G	22.66	-10.34
2.580 G	25.900 G	1.00 M	2.623531 G	-33.30	-20.30

Date: 5.OCT.2022 21:05:09



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



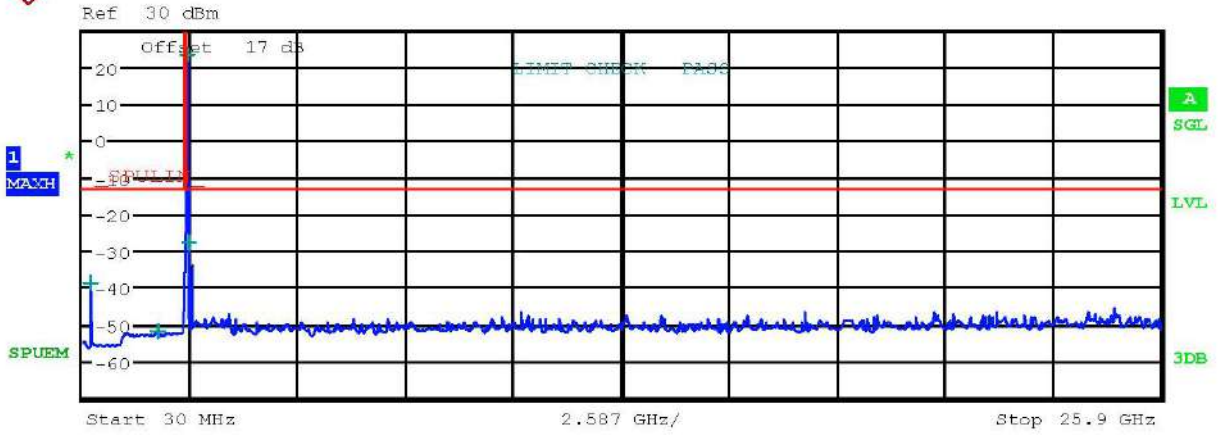
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	213.429487 M	-40.44	-27.44
1.000 G	2.490 G	1.00 M	2.487169 G	-51.97	-38.97
2.490 G	2.580 G	1.00 M	2.528241 G	23.47	-9.53
2.580 G	25.900 G	1.00 M	2.660843 G	-35.81	-22.81

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



Worldwide Testing Services(Taiwan) Co., Ltd.

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

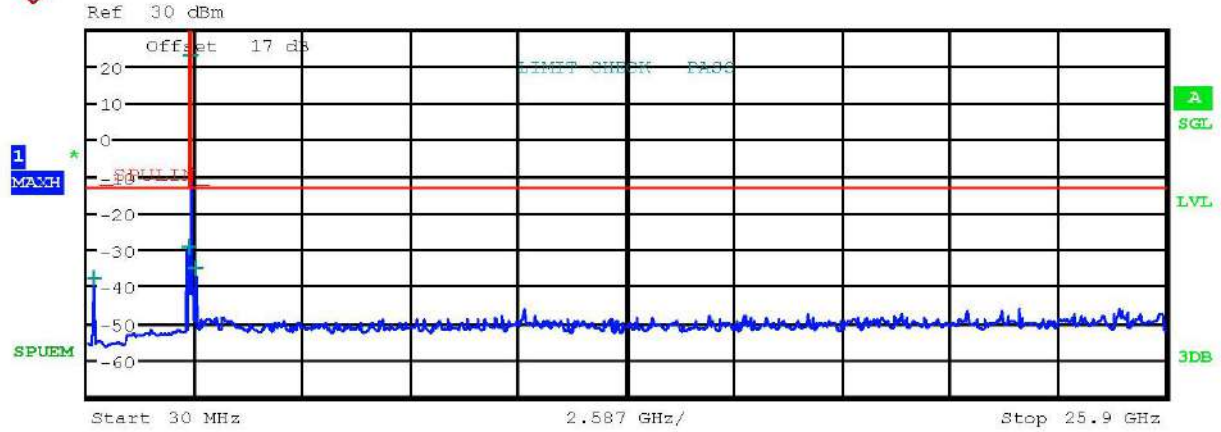


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	241.410256 M	-38.89	-25.89
1.000 G	2.490 G	1.00 M	1.869266 G	-52.03	-39.03
2.490 G	2.580 G	1.00 M	2.555877 G	23.12	-9.88
2.580 G	25.900 G	1.00 M	2.582332 G	-28.14	-15.14

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 20 MHz QPSK

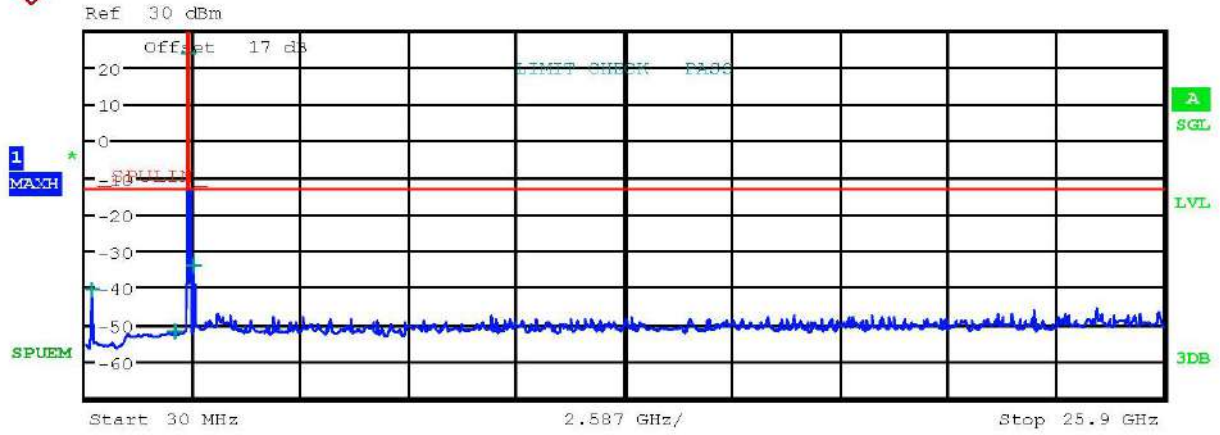


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	187.003205 M	-37.98	-24.98
1.000 G	2.490 G	1.00 M	2.483891 G	-29.56	-16.56
2.490 G	2.580 G	1.00 M	2.501121 G	22.77	-10.23
2.580 G	25.900 G	1.00 M	2.632859 G	-35.18	-22.18

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

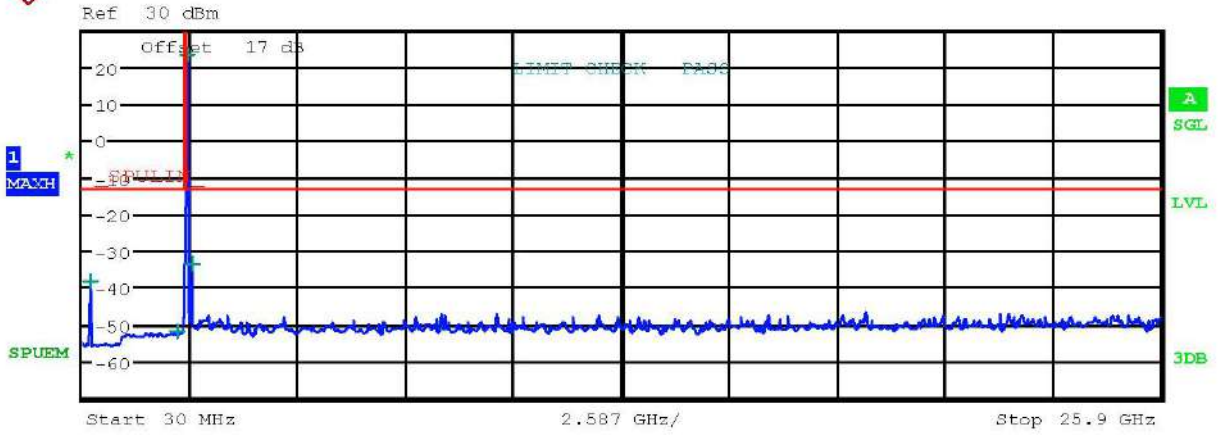


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	211.875000 M	-40.80	-27.80
1.000 G	2.490 G	1.00 M	2.165776 G	-51.87	-38.87
2.490 G	2.580 G	1.00 M	2.526057 G	23.62	-9.38
2.580 G	25.900 G	1.00 M	2.653069 G	-34.04	-21.04

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	236.746795 M	-38.34	-25.34
1.000 G	2.490 G	1.00 M	2.307028 G	-51.91	-38.91
2.490 G	2.580 G	1.00 M	2.551047 G	23.00	-10.00
2.580 G	25.900 G	1.00 M	2.678721 G	-33.80	-20.80

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

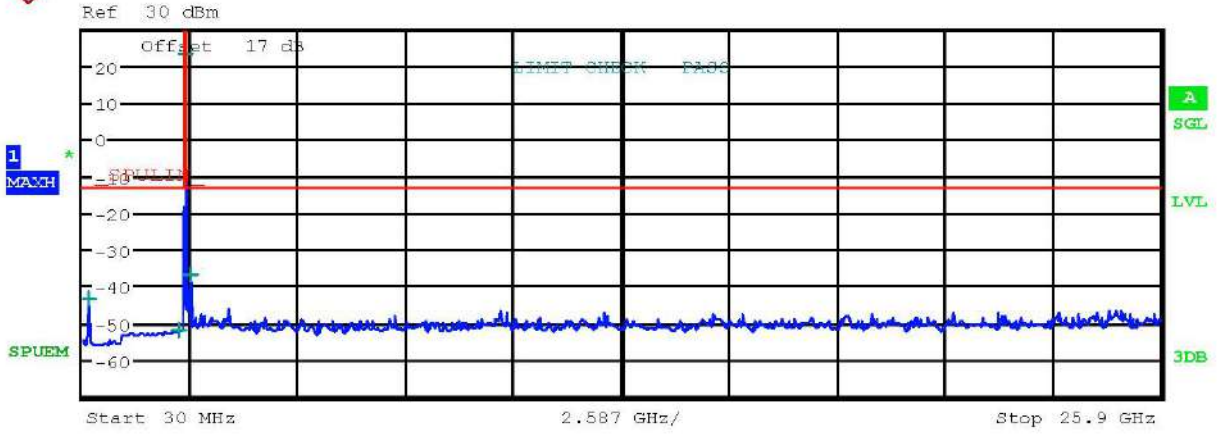


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

5 MHz 16QAM

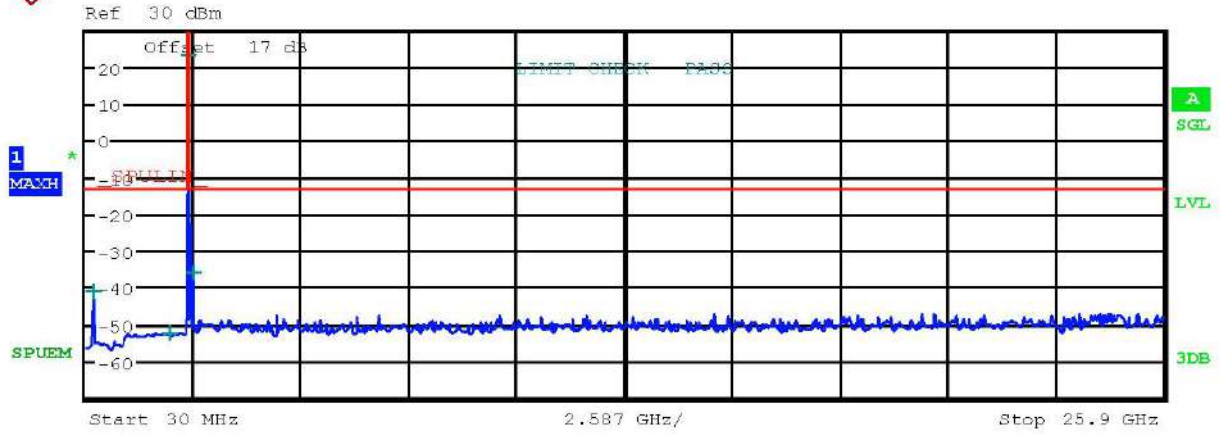


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	185.448718 M	-43.33	-30.33
1.000 G	2.490 G	1.00 M	2.351579 G	-51.99	-38.99
2.490 G	2.580 G	1.00 M	2.500200 G	23.03	-9.97
2.580 G	25.900 G	1.00 M	2.621976 G	-37.12	-24.12

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

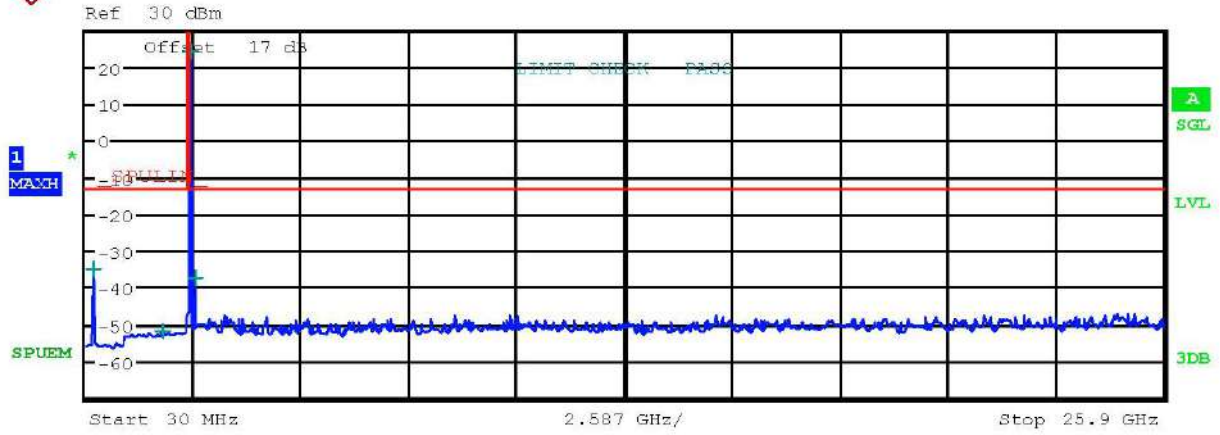


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	218.092949 M	-41.36	-28.36
1.000 G	2.490 G	1.00 M	2.056261 G	-52.20	-39.20
2.490 G	2.580 G	1.00 M	2.532939 G	23.30	-9.70
2.580 G	25.900 G	1.00 M	2.653847 G	-35.97	-22.97

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



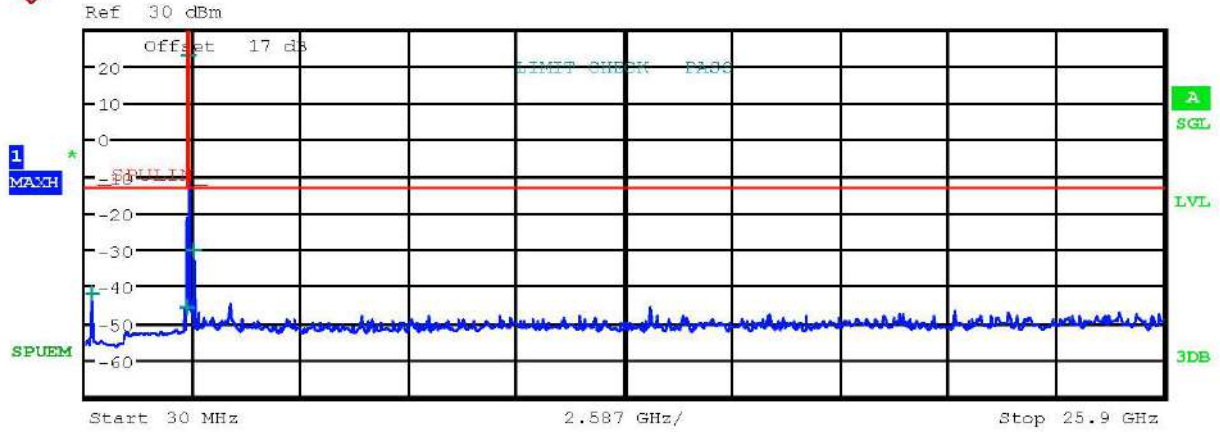
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	250.737179 M	-35.13	-22.13
1.000 G	2.490 G	1.00 M	1.913221 G	-52.04	-39.04
2.490 G	2.580 G	1.00 M	2.565261 G	23.92	-9.08
2.580 G	25.900 G	1.00 M	2.684940 G	-37.38	-24.38

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 10 MHz 16QAM

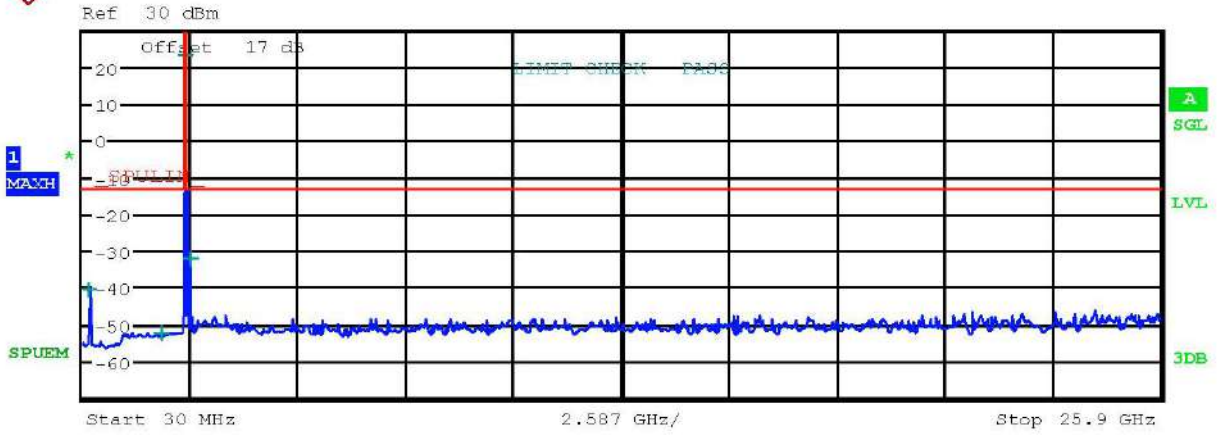


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	187.003205 M	-41.84	-28.84
1.000 G	2.490 G	1.00 M	2.483146 G	-46.01	-33.01
2.490 G	2.580 G	1.00 M	2.500665 G	22.93	-10.07
2.580 G	25.900 G	1.00 M	2.626640 G	-30.31	-17.31

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



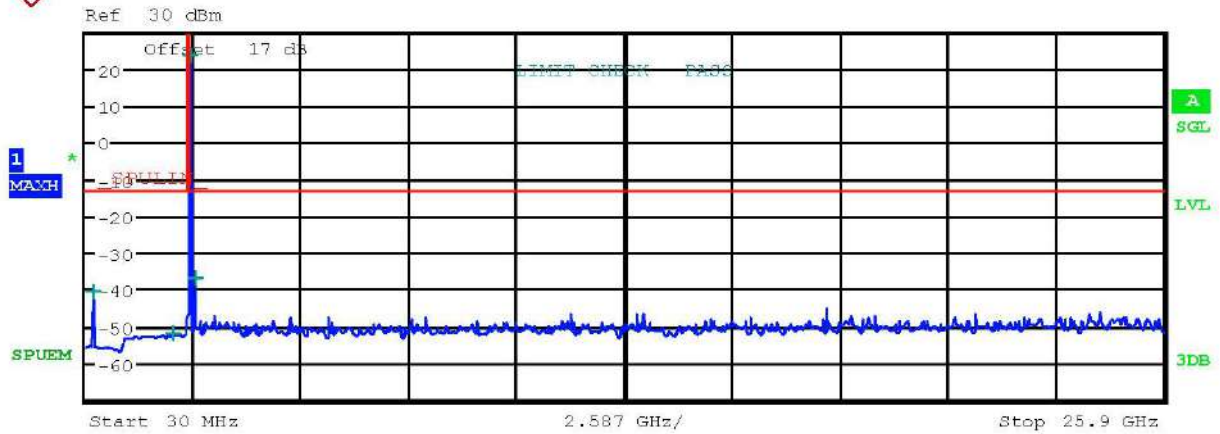
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	216.538462 M	-40.84	-27.84
1.000 G	2.490 G	1.00 M	1.928568 G	-52.17	-39.17
2.490 G	2.580 G	1.00 M	2.530542 G	23.25	-9.75
2.580 G	25.900 G	1.00 M	2.653069 G	-32.18	-19.18

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



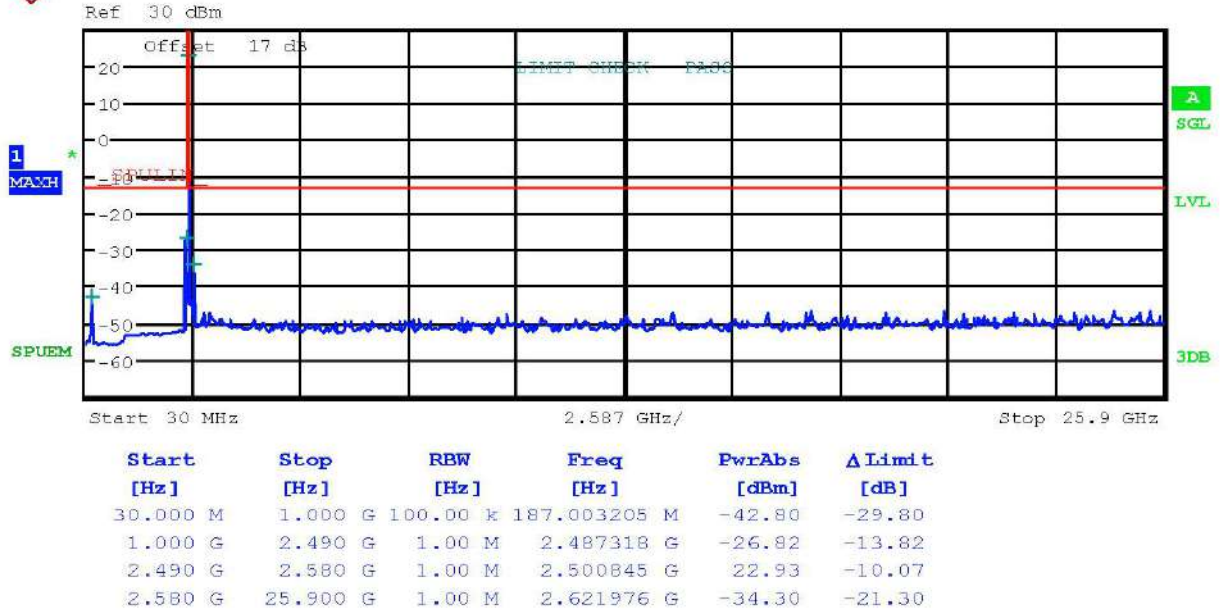
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	246.073718 M	-40.76	-27.76
1.000 G	2.490 G	1.00 M	2.142234 G	-51.82	-38.82
2.490 G	2.580 G	1.00 M	2.560614 G	23.54	-9.46
2.580 G	25.900 G	1.00 M	2.685717 G	-36.84	-23.84

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



Worldwide Testing Services(Taiwan) Co., Ltd.

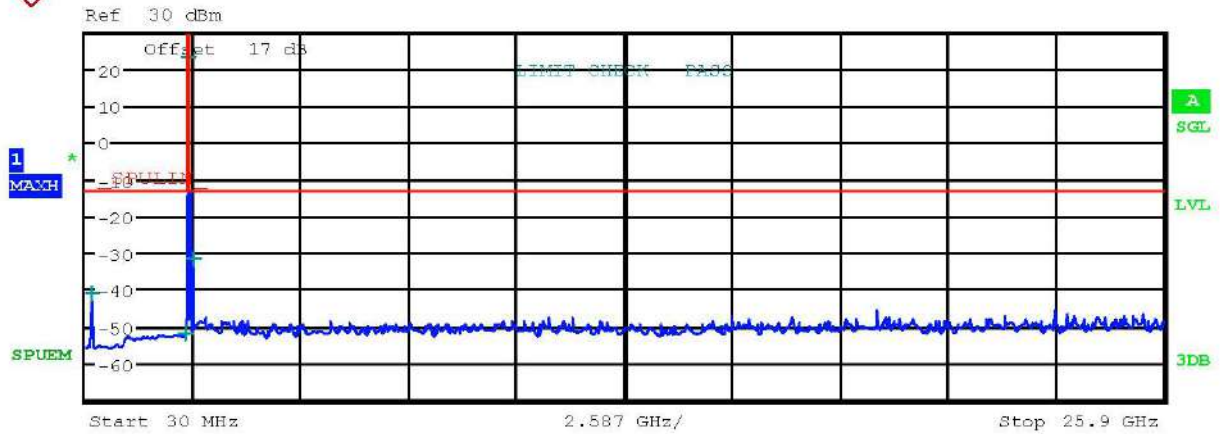
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 15 MHz 16QAM



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2

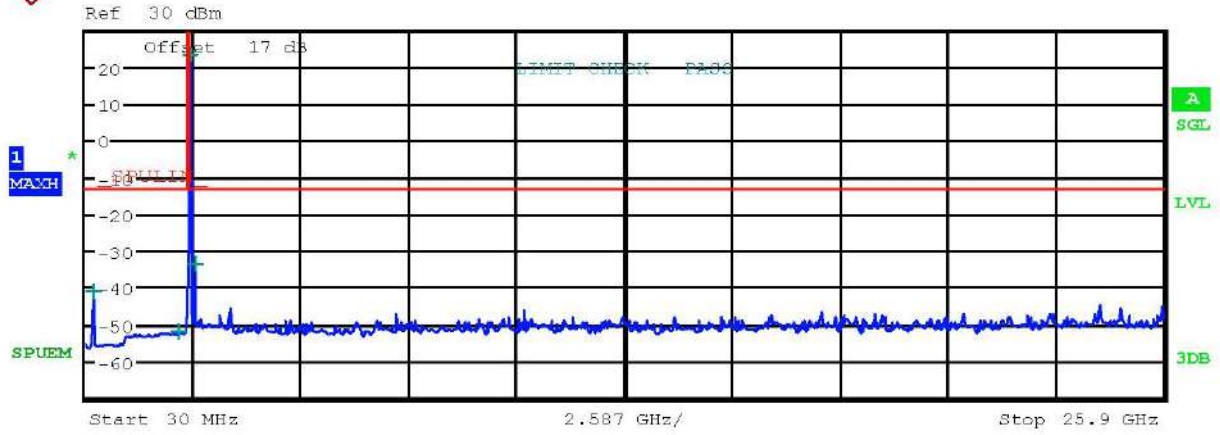


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	213.429487 M	-41.22	-28.22
1.000 G	2.490 G	1.00 M	2.432039 G	-51.80	-38.80
2.490 G	2.580 G	1.00 M	2.528295 G	23.22	-9.78
2.580 G	25.900 G	1.00 M	2.660065 G	-31.81	-18.81

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



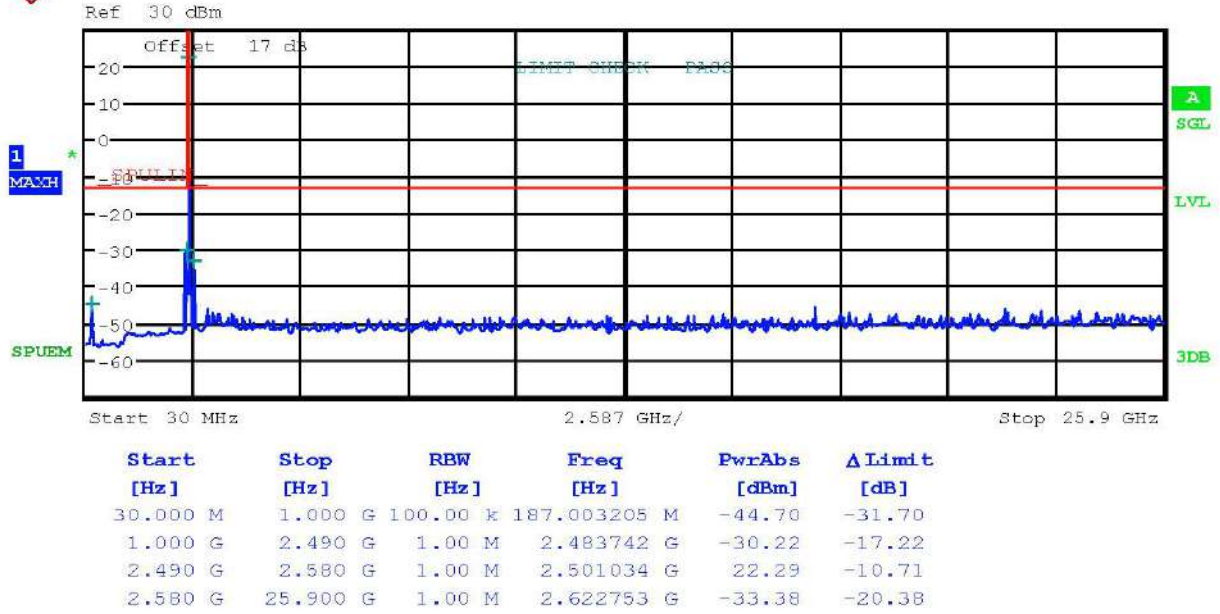
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	241.410256 M	-41.09	-28.09
1.000 G	2.490 G	1.00 M	2.288552 G	-52.11	-39.11
2.490 G	2.580 G	1.00 M	2.555907 G	23.11	-9.89
2.580 G	25.900 G	1.00 M	2.685717 G	-33.56	-20.56

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



Worldwide Testing Services(Taiwan) Co., Ltd.

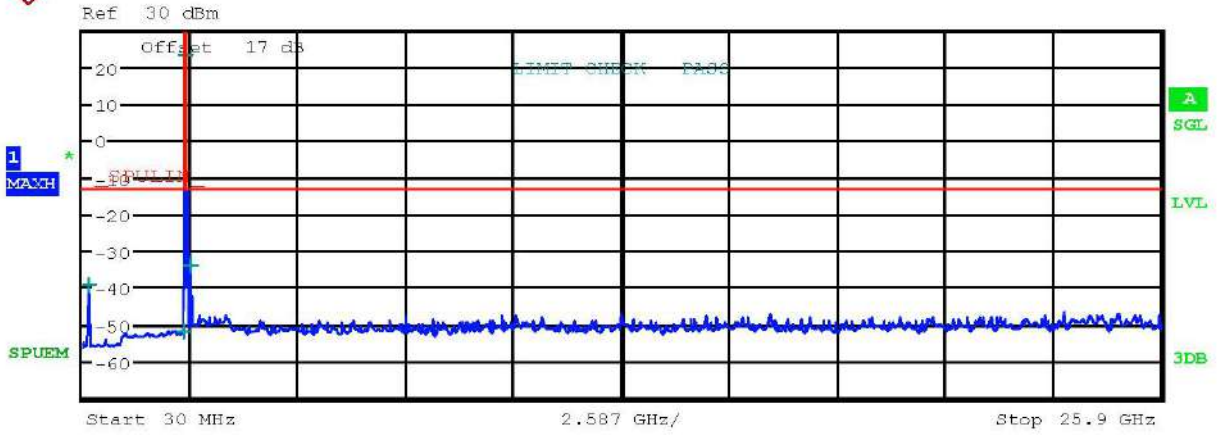
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 20 MHz 16QAM



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



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

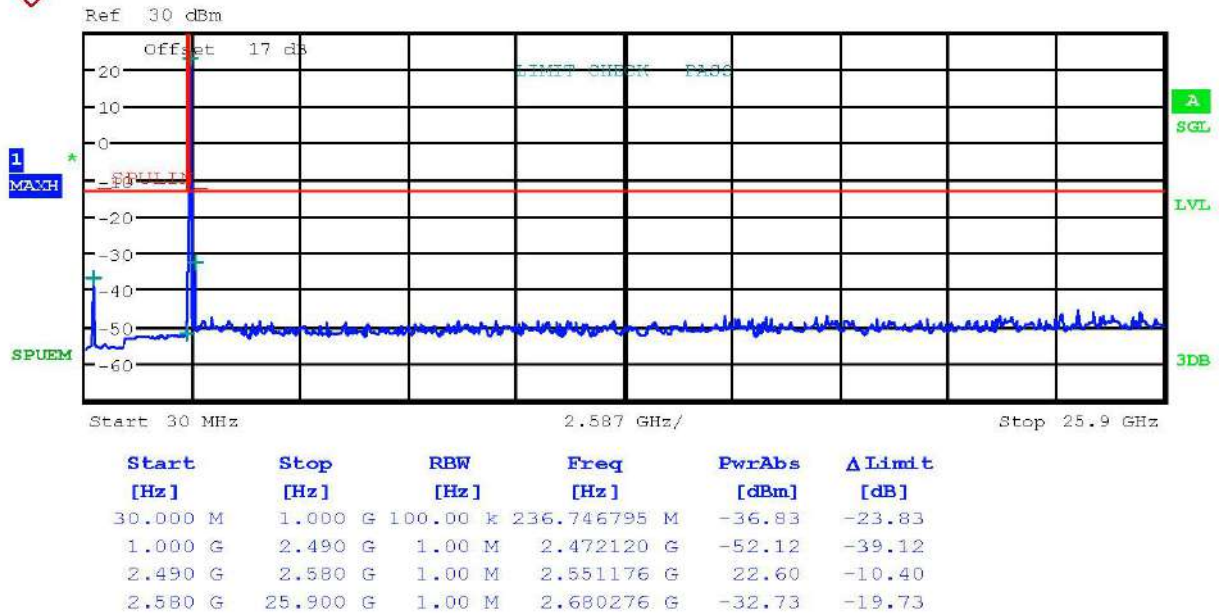


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	211.875000 M	-39.40	-26.40
1.000 G	2.490 G	1.00 M	2.463776 G	-51.81	-38.81
2.490 G	2.580 G	1.00 M	2.526174 G	22.96	-10.04
2.580 G	25.900 G	1.00 M	2.657733 G	-34.12	-21.12

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



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 to 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: GX9HYGWFEN2

8. Field Strength of Spurious Radiation

8.1 Test procedure

The test procedure for filed 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: GX9HYGWGEN2

8.5 Test result of band edge emissions

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

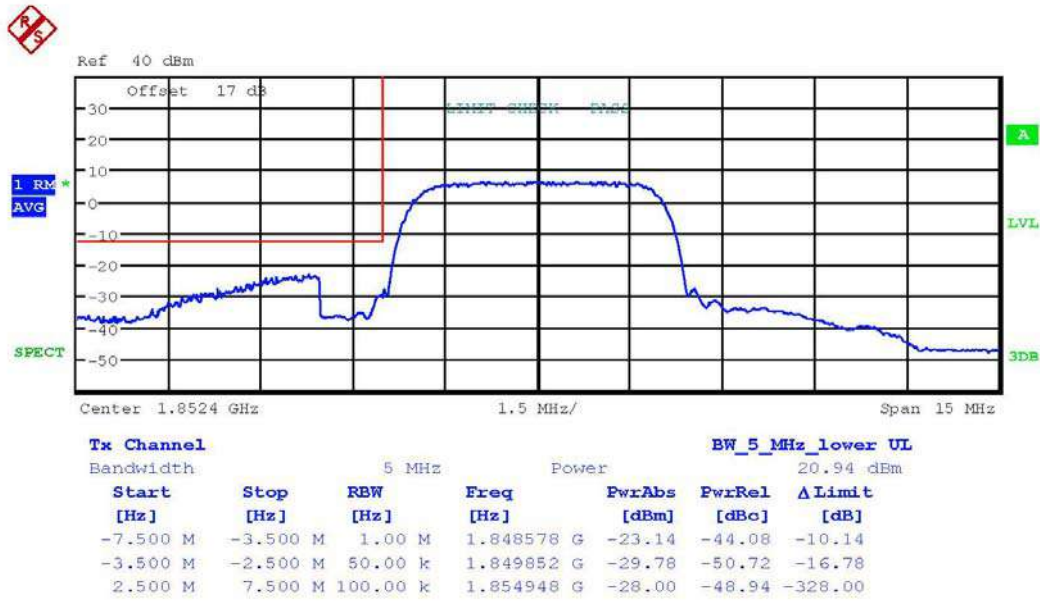
Temperature: 23.8 °C

Humidity: 51.0 %

Tester: Sora

WCDMA

Band 2

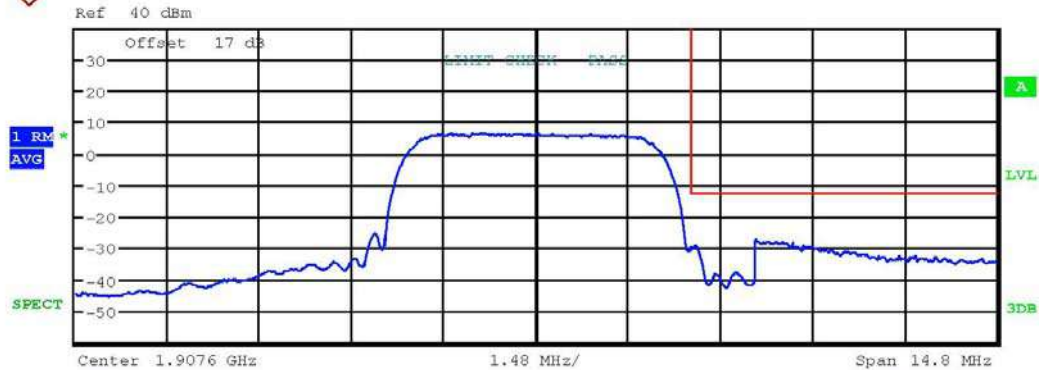


Date: 3.OCT.2022 19:54:30



Worldwide Testing Services(Taiwan) Co., Ltd.

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



Tx Channel		5 MHz		Power		BW_5_MHz_higher UL	
Bandwidth							21.15 dBm
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-7.400 M	-2.500 M	100.00 k	1.905015 G	-25.74	-46.88	-325.74	
2.500 M	3.500 M	50.00 k	1.910162 G	-29.42	-50.56	-16.42	
3.500 M	7.400 M	1.00 M	1.911134 G	-27.16	-48.30	-14.16	

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

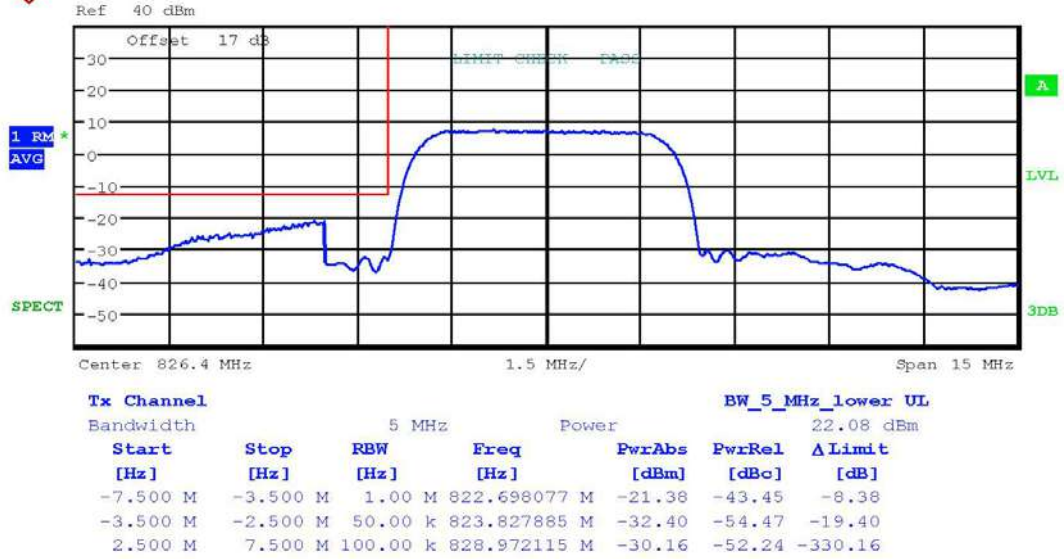


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

Band 5

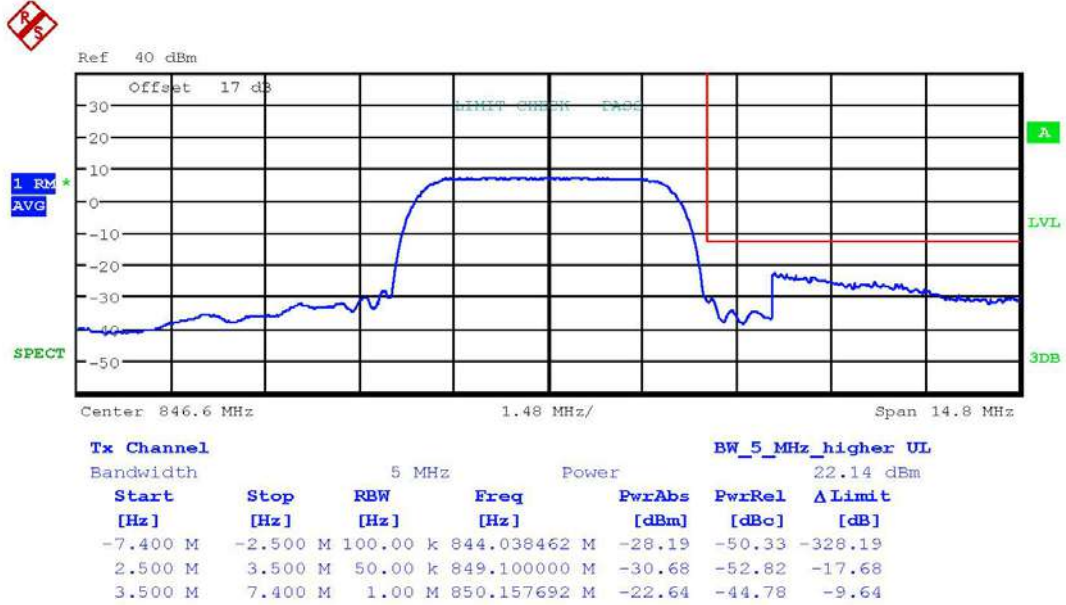


Date: 3.OCT.2022 19:58:02



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2

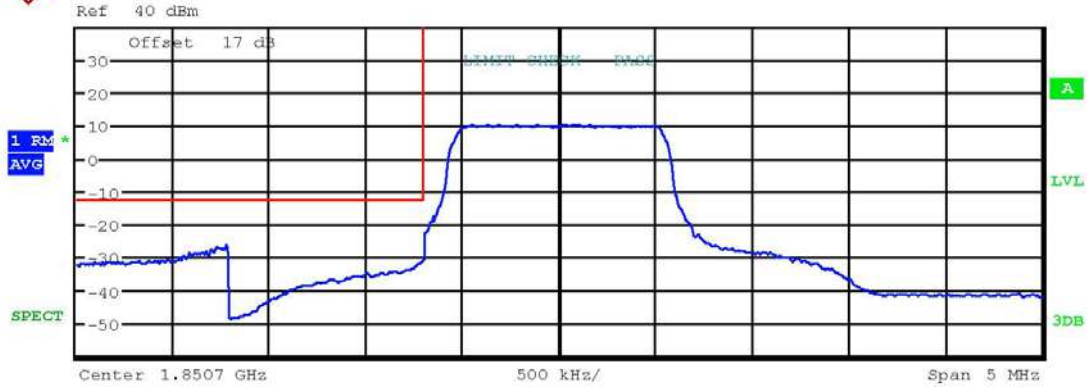


Date: 3.OCT.2022 19:57:17



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGNGEN2
 LTE
 Band 2
 1.4 MHz QPSK
 FRB

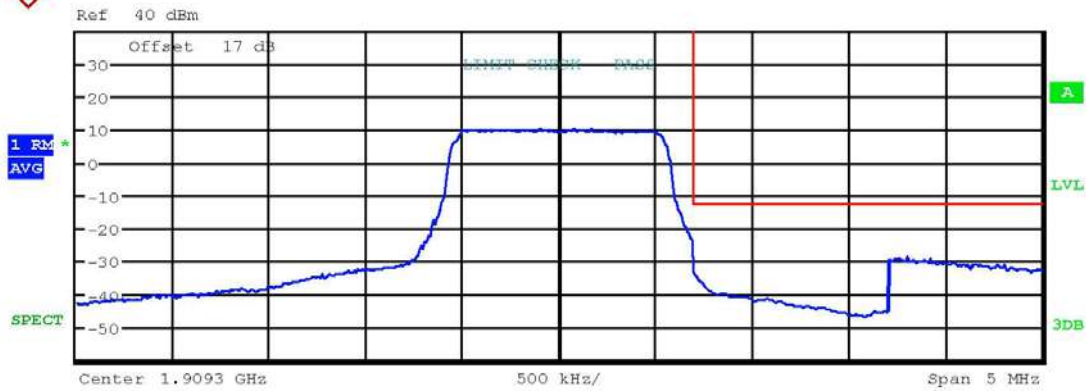


Tx Channel				BW 1.4 MHz_lower UL			
Bandwidth			1.4 MHz	Power			19.72 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-2.500 M	-1.700 M	1.00 M	1.848977 G	-26.49	-46.21	-13.49	
-1.700 M	-700.000 k	20.00 k	1.849995 G	-31.14	-50.87	-18.14	
700.000 k	2.500 M	100.00 k	1.851400 G	-21.78	-41.51	-321.78	

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



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

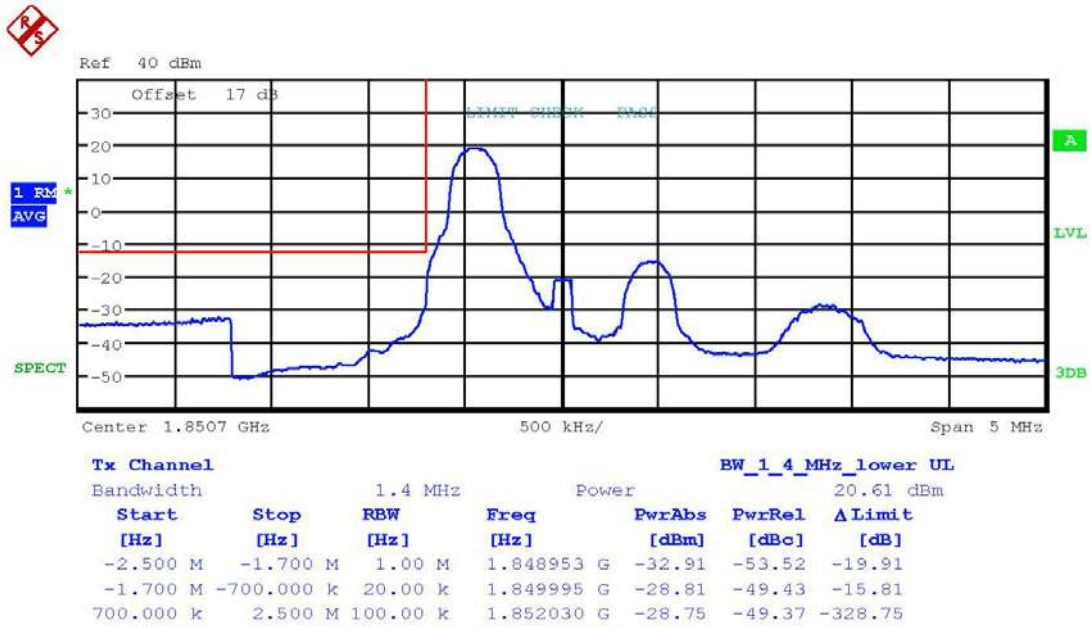


Tx Channel				BW_1_4_MHz_higher_UL			
Bandwidth		1.4 MHz		Power		19.51 dBm	
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-2.500 M	-700.000 k	100.00 k	1.908587 G	-25.74	-45.25	-325.74	
700.000 k	1.700 M	20.00 k	1.910000 G	-23.75	-43.26	-10.75	
1.700 M	2.500 M	1.00 M	1.911103 G	-28.81	-48.32	-15.81	

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



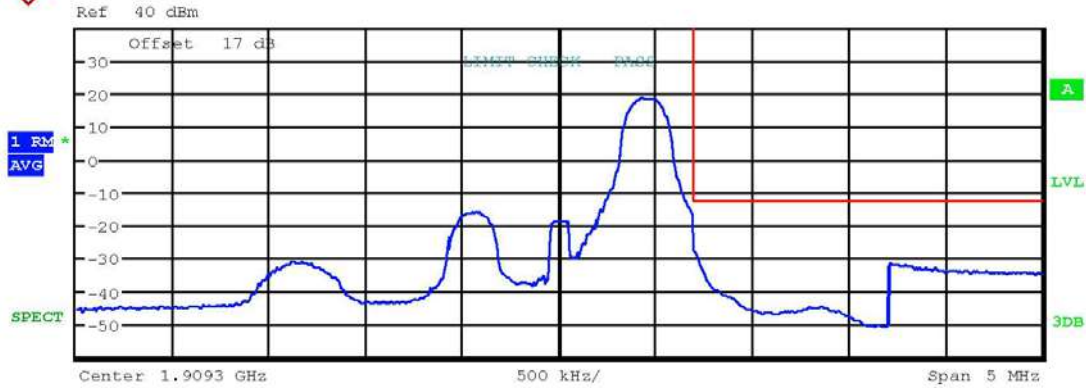
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2
 1RB



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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



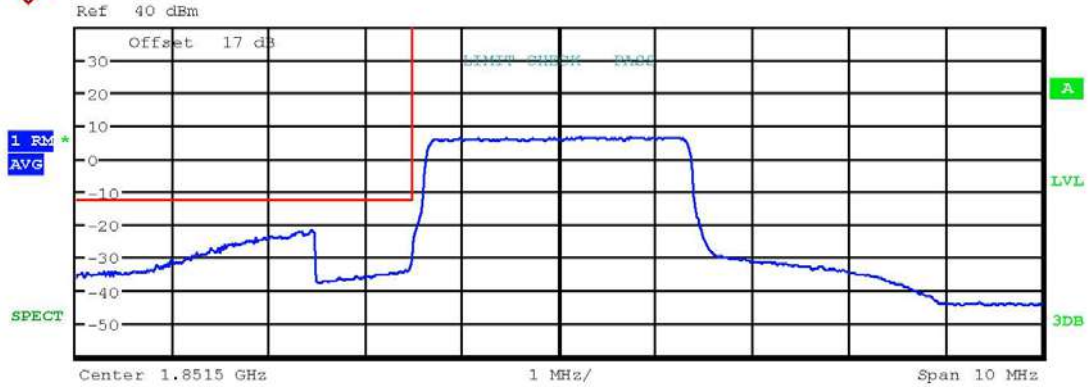
Tx Channel				BW_1_4_MHz_higher_UL			
Bandwidth		1.4 MHz		Power		20.38 dBm	
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-2.500 M	-700.000 k	100.00 k	1.907970 G	-31.04	-51.41	-331.04	
700.000 k	1.700 M	20.00 k	1.910000 G	-17.21	-37.59	-4.21	
1.700 M	2.500 M	1.00 M	1.911015 G	-31.77	-52.15	-18.77	

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2
 3 MHz QPSK
 FRB



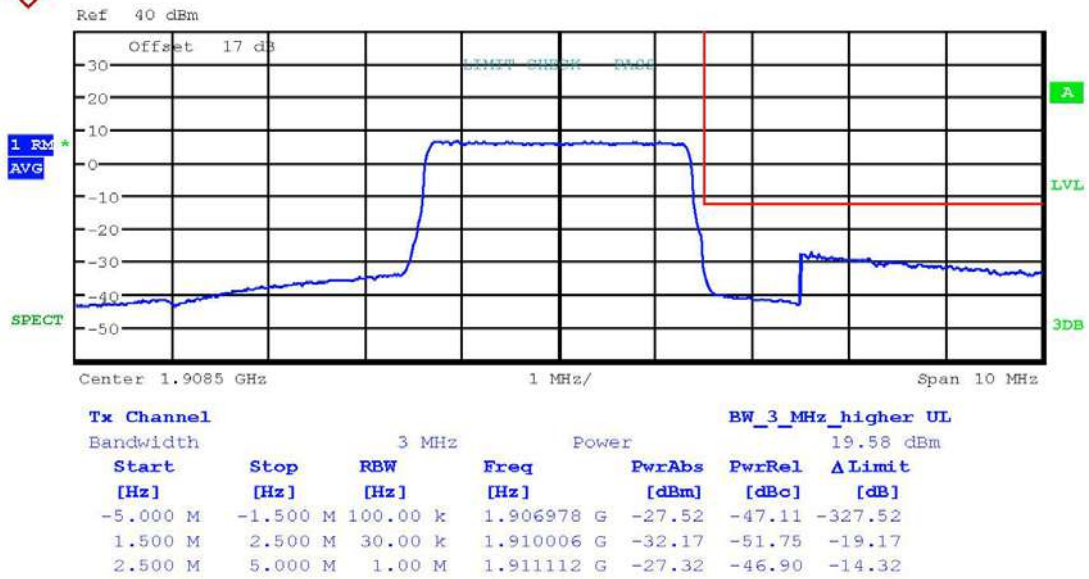
Tx Channel				BW_3_MHz_lower UL		
Bandwidth		3 MHz	Power		19.69 dBm	
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]
-5.000 M	-2.500 M	1.00 M	1.848936 G	-22.05	-41.74	-9.05
-2.500 M	-1.500 M	30.00 k	1.849978 G	-30.90	-50.58	-17.90
1.500 M	5.000 M	100.00 k	1.853006 G	-24.73	-44.41	-324.73

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



Worldwide Testing Services(Taiwan) Co., Ltd.

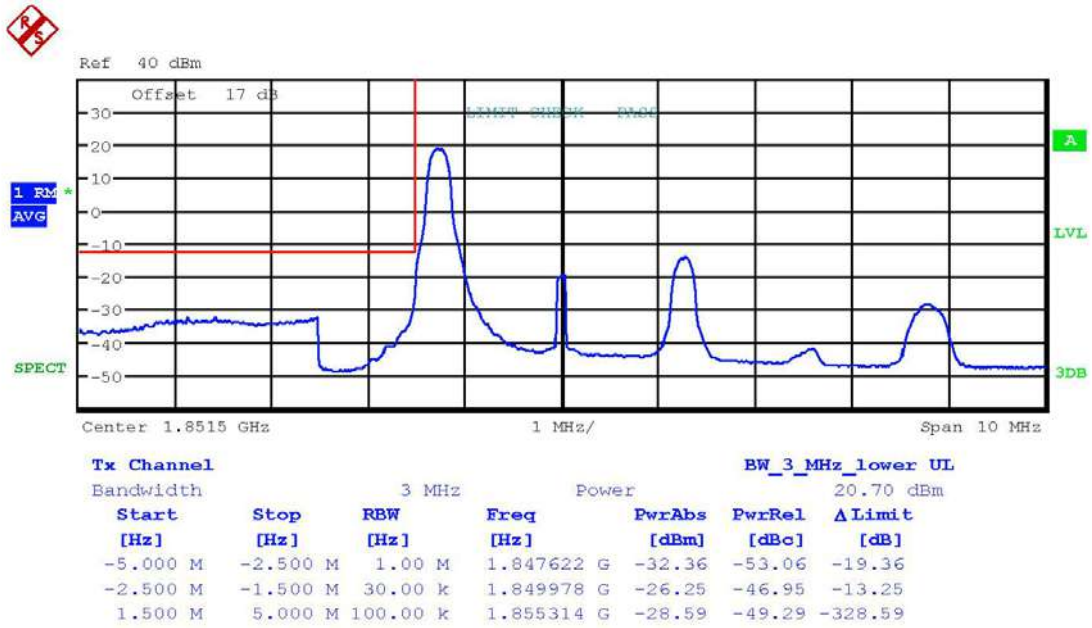
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



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



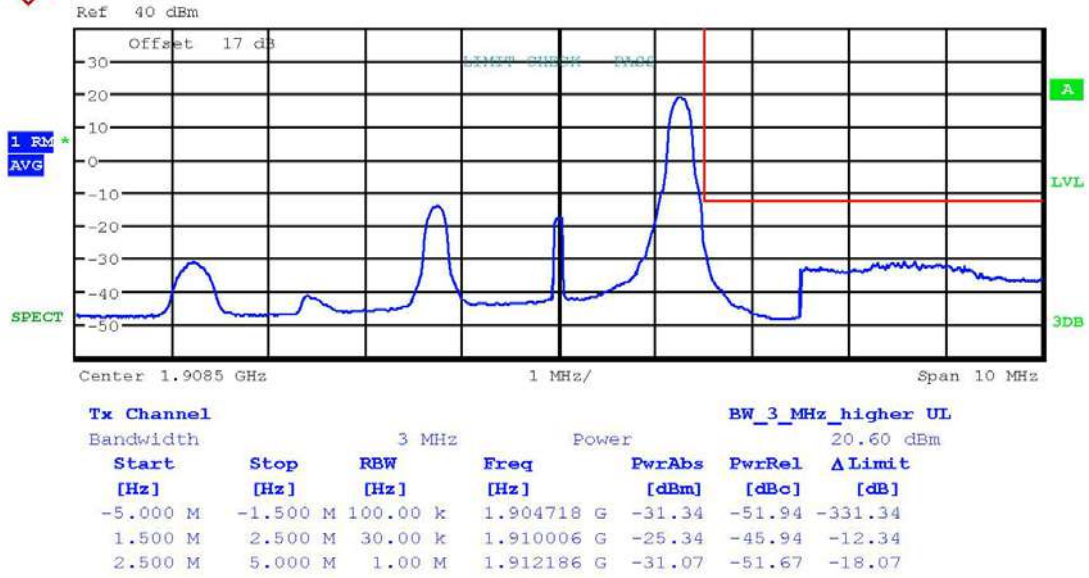
Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2
 1RB



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



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

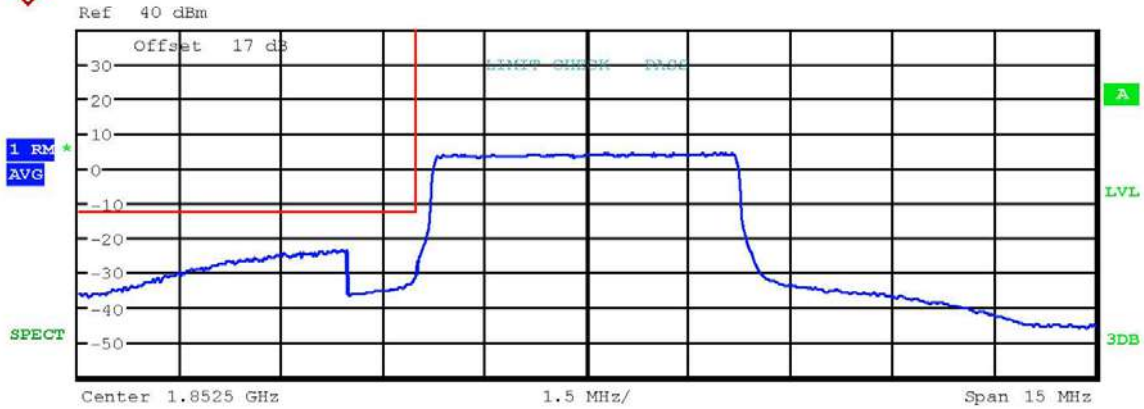


Date: 5.OCT.2022 13:56:37



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 5 MHz QPSK
 FRB

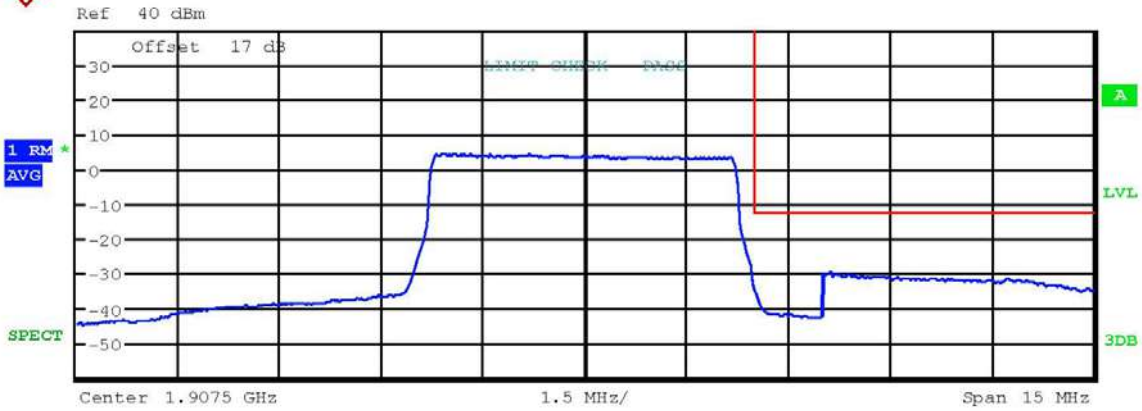


Tx Channel				BW_5_MHz_lower UL		
Bandwidth			5 MHz	Power		19.73 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-7.500 M	-3.500 M	1.00 M	1.848966 G	-23.69	-43.41	-10.69
-3.500 M	-2.500 M	50.00 k	1.849976 G	-30.92	-50.64	-17.92
2.500 M	7.500 M	100.00 k	1.855000 G	-27.94	-47.67	-327.94

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



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



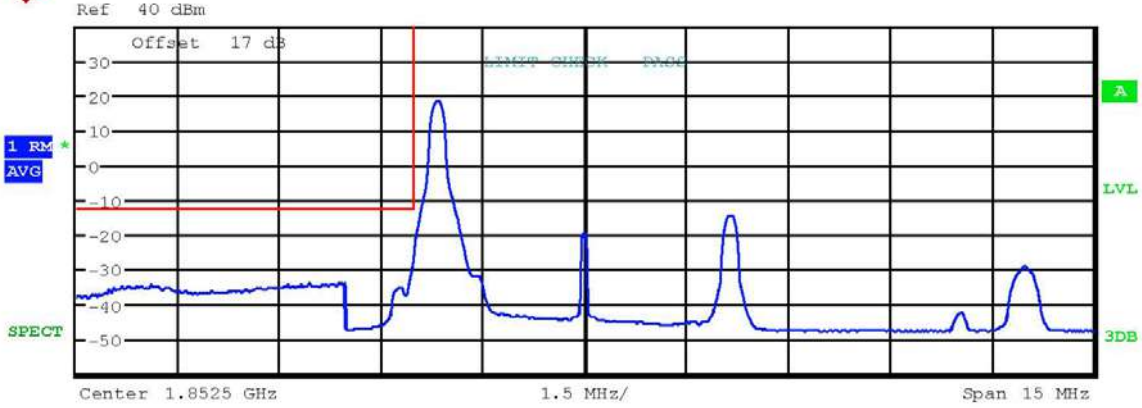
Tx Channel				BW_5_MHz_higher UL			
Bandwidth				Power			
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-7.500 M	-2.500 M	100.00 k	1.904976 G	-29.81	-49.39	-329.81	
2.500 M	3.500 M	50.00 k	1.910000 G	-33.54	-53.11	-20.54	
3.500 M	7.500 M	1.00 M	1.911130 G	-29.77	-49.35	-16.77	19.58 dBm

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 1RB

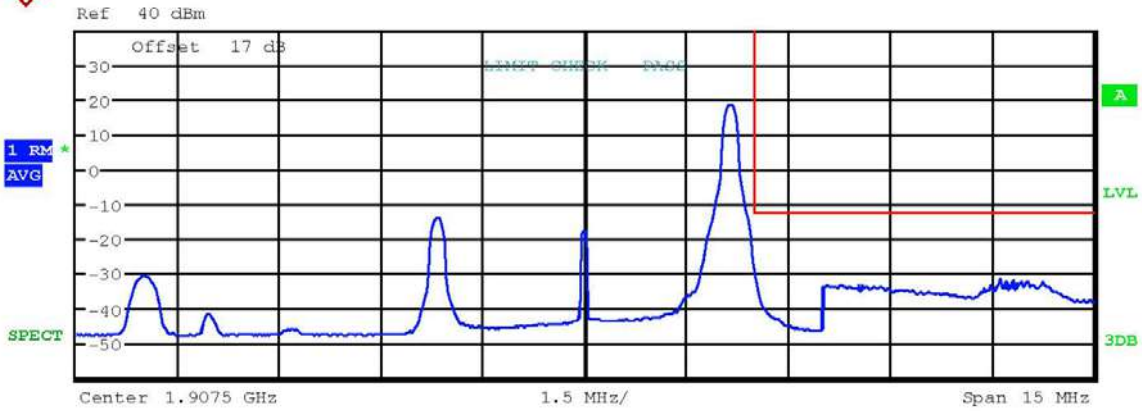


Tx Channel				BW_5_MHz_lower UL			
Bandwidth			5 MHz	Power			20.42 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ	Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]		[dB]
-7.500 M	-3.500 M	1.00 M	1.848966 G	-33.81	-54.23		-20.81
-3.500 M	-2.500 M	50.00 k	1.849976 G	-27.54	-47.96		-14.54
2.500 M	7.500 M	100.00 k	1.858966 G	-29.44	-49.86		-329.44

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



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



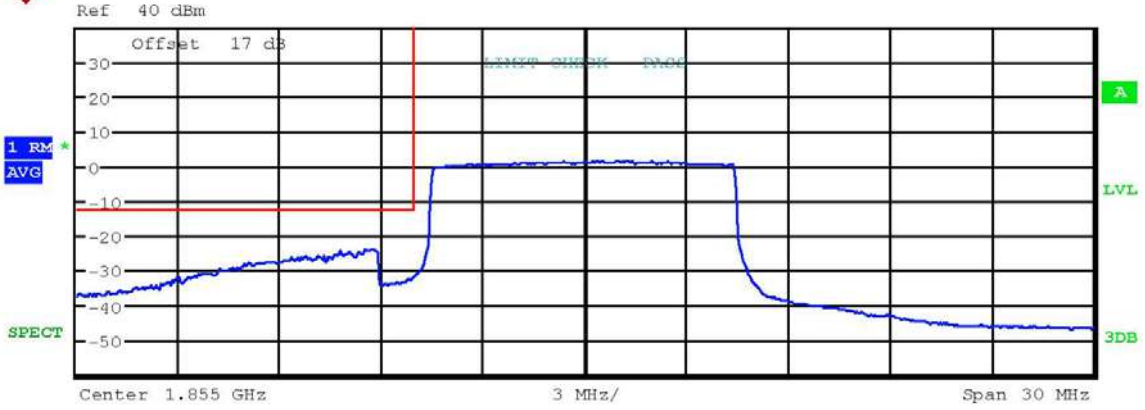
Tx Channel				BW_5_MHz_higher UL			
Bandwidth				Power			
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-7.500 M	-2.500 M	100.00 k	1.901010 G	-30.52	-51.14	-330.52	
2.500 M	3.500 M	50.00 k	1.910000 G	-26.73	-47.35	-13.73	
3.500 M	7.500 M	1.00 M	1.913630 G	-31.46	-52.08	-18.46	

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
FCC ID: GX9HYGWGEN2
10 MHz QPSK
FRB

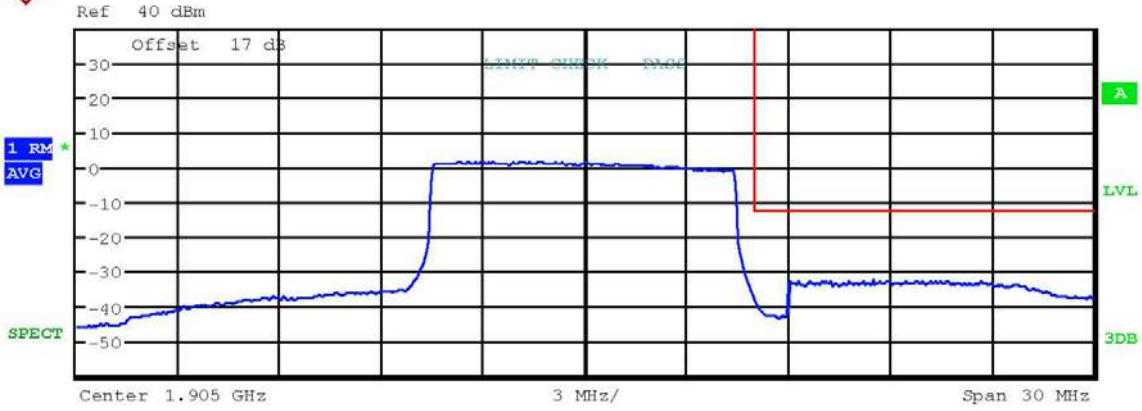


Tx Channel		Bandwidth		Power		BW_10_MHz_lower UL	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	19.75 dBm	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-15.000 M	-6.000 M	1.00 M	1.848606 G	-24.12	-43.87	-11.12	
-6.000 M	-5.000 M	100.00 k	1.849952 G	-32.07	-51.82	-19.07	
5.000 M	15.000 M	100.00 k	1.860000 G	-33.83	-53.59	-333.83	

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2

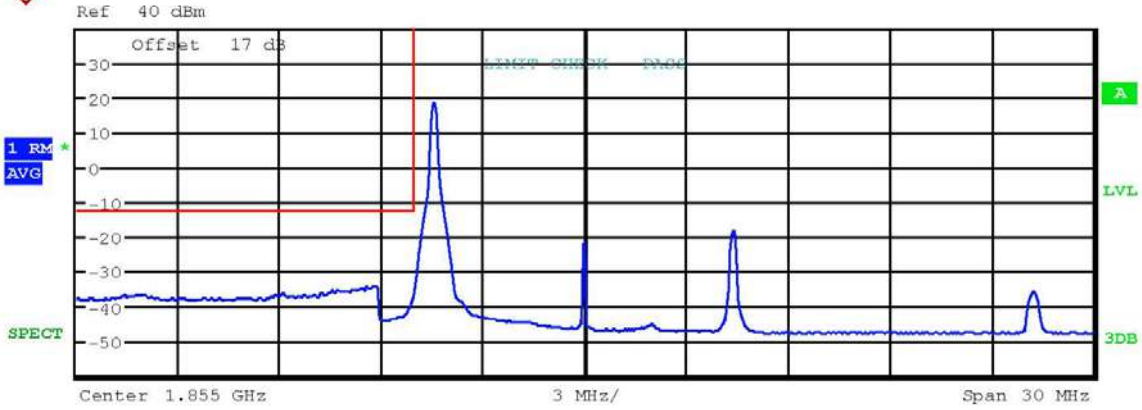


Tx Channel				BW_10_MHz_higher UL			
Bandwidth		10 MHz	Power		19.65 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-15.000 M	-5.000 M	100.00 k	1.899952 G	-33.09	-52.74	-333.09	
5.000 M	6.000 M	100.00 k	1.910000 G	-37.18	-56.83	-24.18	
6.000 M	15.000 M	1.00 M	1.913510 G	-32.40	-52.06	-19.40	

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 1RB

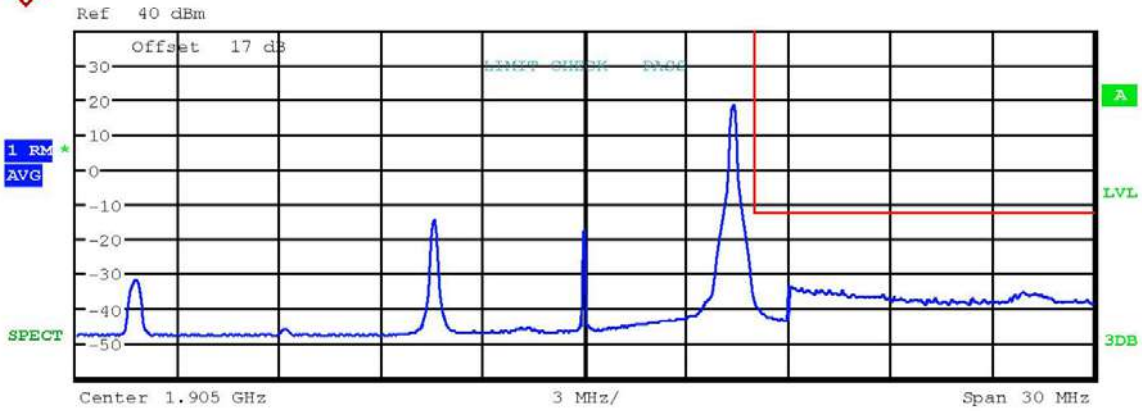


Tx Channel				BW_10_MHz_lower UL			
Bandwidth			10 MHz	Power			20.68 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-15.000 M	-6.000 M	1.00 M	1.848798 G	-34.26	-54.95	-21.26	
-6.000 M	-5.000 M	100.00 k	1.849952 G	-37.10	-57.78	-24.10	
5.000 M	15.000 M	100.00 k	1.868221 G	-35.81	-56.49	-335.81	

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2



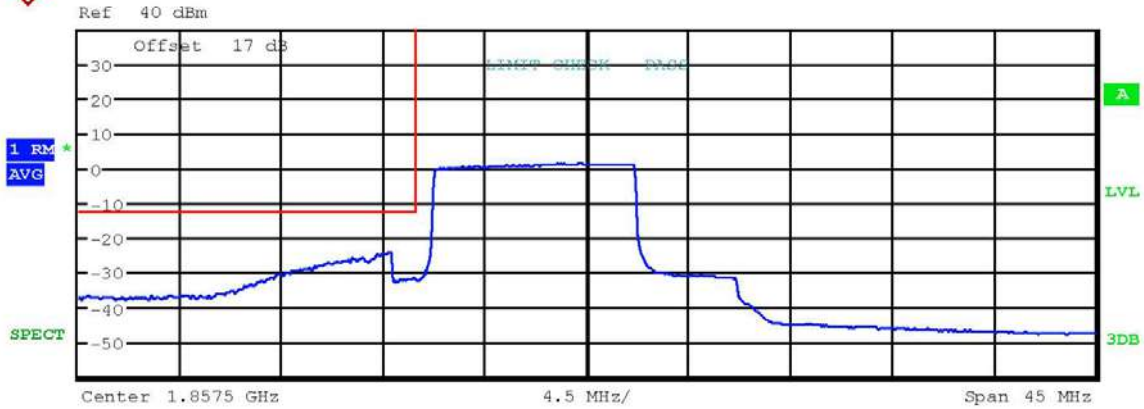
Tx Channel				BW_10_MHz_higher UL			
Bandwidth		10 MHz	Power		20.51 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-15.000 M	-5.000 M	100.00 k	1.891731 G	-31.90	-52.42	-331.90	
5.000 M	6.000 M	100.00 k	1.910000 G	-36.60	-57.11	-23.60	
6.000 M	15.000 M	1.00 M	1.911106 G	-33.75	-54.26	-20.75	

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 15 MHz QPSK
 FRB

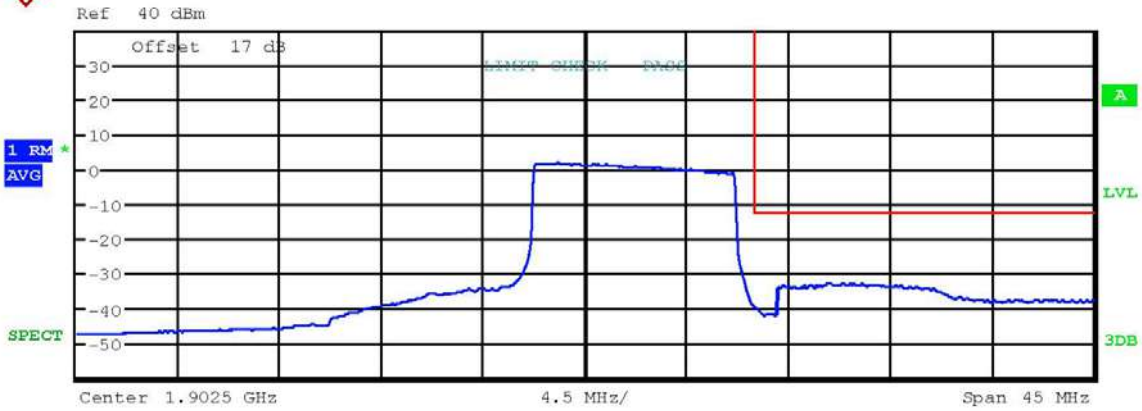


Tx Channel				BW_15_MHz_lower UL		
Bandwidth			15 MHz	Power		19.78 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-22.500 M	-8.500 M	1.00 M	1.848702 G	-24.60	-44.38	-11.60
-8.500 M	-7.500 M	150.00 k	1.849928 G	-31.70	-51.48	-18.70
7.500 M	22.500 M	100.00 k	1.865000 G	-41.28	-61.06	-341.28

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



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

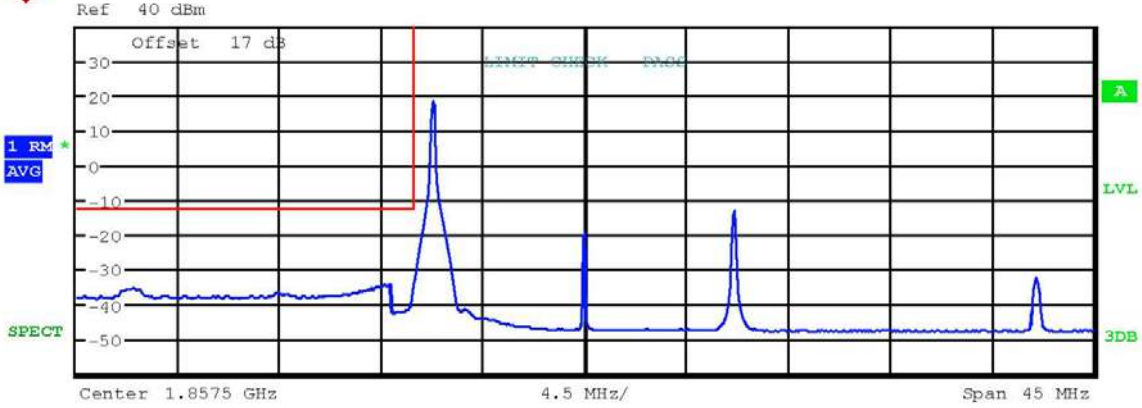


Tx Channel				BW_15_MHz_higher UL			
Bandwidth		15 MHz	Power		19.61 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-22.500 M	-7.500 M	100.00 k	1.894928 G	-37.65	-57.25	-337.65	
7.500 M	8.500 M	150.00 k	1.910000 G	-38.47	-58.08	-25.47	
8.500 M	22.500 M	1.00 M	1.913317 G	-32.97	-52.58	-19.97	

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 1RB

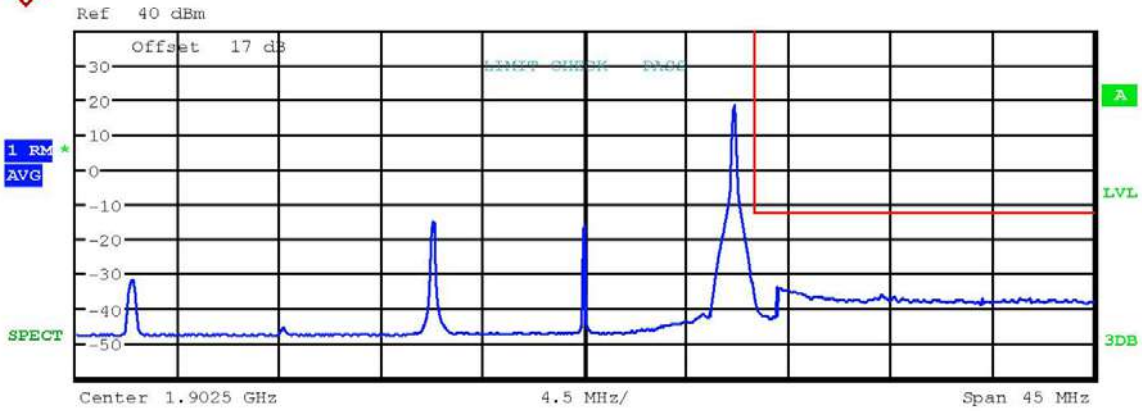


Tx Channel				BW_15_MHz_lower UL			
Bandwidth			15 MHz	Power			20.47 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ	Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]		[dB]
-22.500 M	-8.500 M	1.00 M	1.848918 G	-34.32	-54.79		-21.32
-8.500 M	-7.500 M	150.00 k	1.849928 G	-34.69	-55.16		-21.69
7.500 M	22.500 M	100.00 k	1.877476 G	-32.39	-52.87		-332.39

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



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



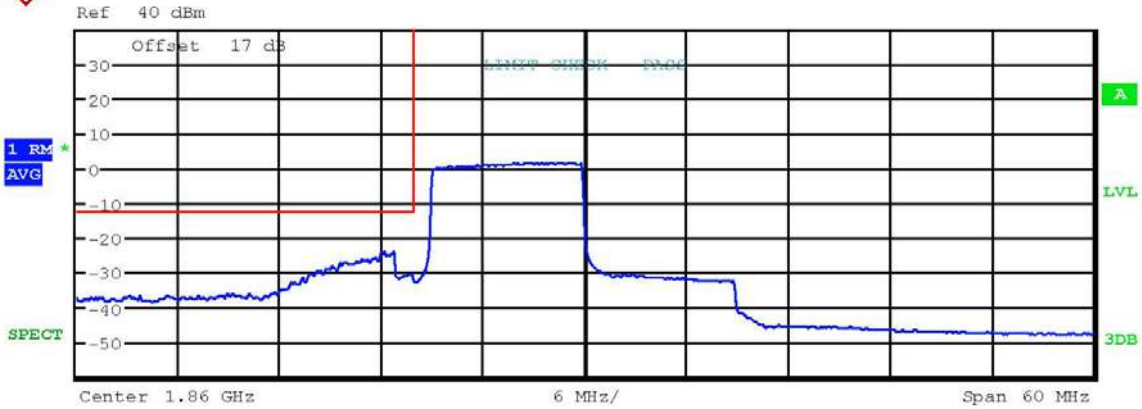
Tx Channel				BW_15_MHz_higher UL			
Bandwidth		15 MHz	Power		20.51 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-22.500 M	-7.500 M	100.00 k	1.882452 G	-31.92	-52.43	-331.92	
7.500 M	8.500 M	150.00 k	1.910000 G	-33.64	-54.15	-20.64	
8.500 M	22.500 M	1.00 M	1.911082 G	-34.45	-54.96	-21.45	

Date: 5.OCT.2022 14:05:18



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 20 MHz QPSK
 FRB

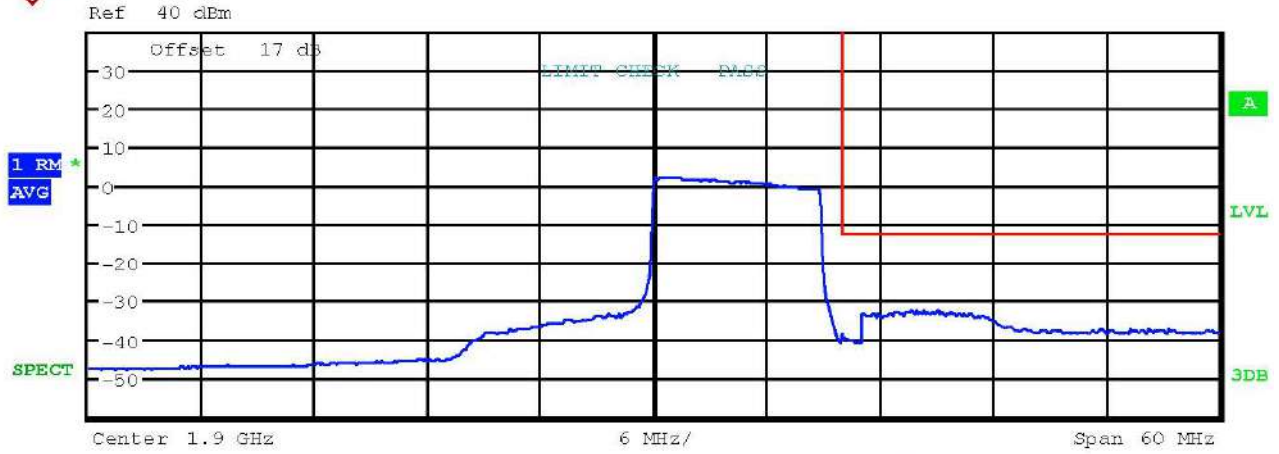


Tx Channel				Power			BW_20_MHz_lower UL	
Bandwidth			20 MHz			19.96 dBm		
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit		
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]		
-30.000 M	-11.000 M	1.00 M	1.848173 G	-24.15	-44.11	-11.15		
-11.000 M	-10.000 M	200.00 k	1.849615 G	-30.32	-50.28	-17.32		
10.000 M	30.000 M	100.00 k	1.870000 G	-44.26	-64.22	-344.26		

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWFEN2



Tx Channel				BW_20_MHz_higher UL			
Bandwidth			20 MHz	Power			19.84 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-30.000 M	-10.000 M	100.00 k	1.889904 G	-43.02	-62.86	-343.02	
10.000 M	11.000 M	200.00 k	1.910000 G	-38.84	-58.68	-25.84	
11.000 M	30.000 M	1.00 M	1.915096 G	-32.31	-52.15	-19.31	

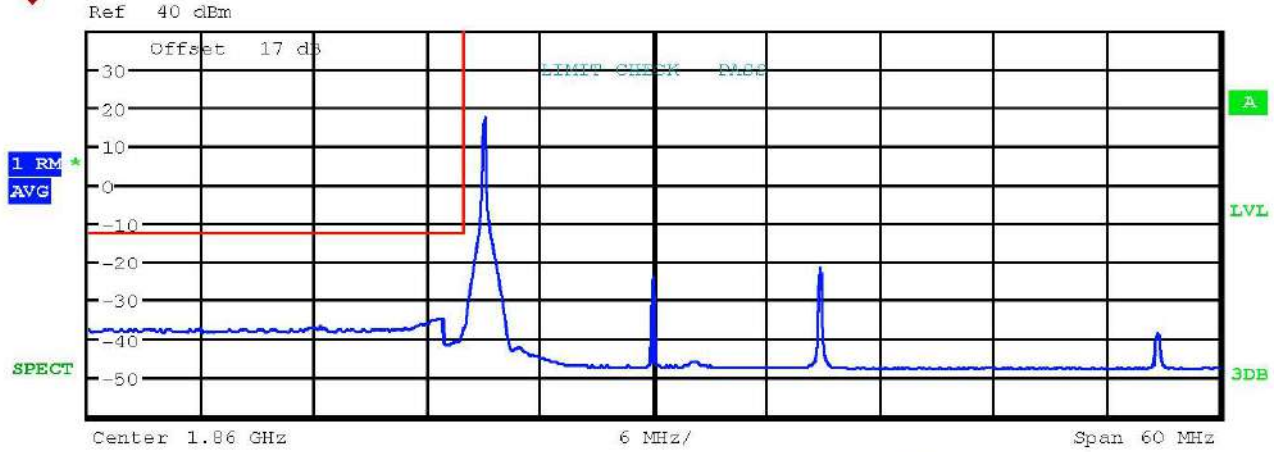
Date: 5.OCT.2022 14:08:37



Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB

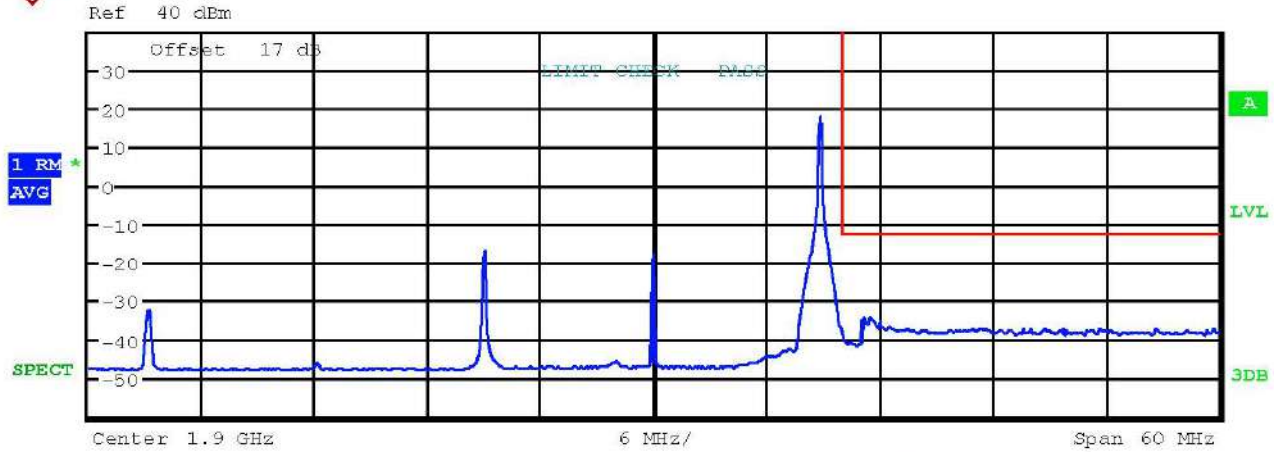


Tx Channel				BW_20_MHz_lower UL			
Bandwidth			20 MHz	Power			19.58 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-30.000 M	-11.000 M	1.00 M	1.848846 G	-34.86	-54.44	-21.86	
-11.000 M	-10.000 M	200.00 k	1.849904 G	-37.12	-56.70	-24.12	
10.000 M	30.000 M	100.00 k	1.886731 G	-38.76	-58.34	-338.76	

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



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



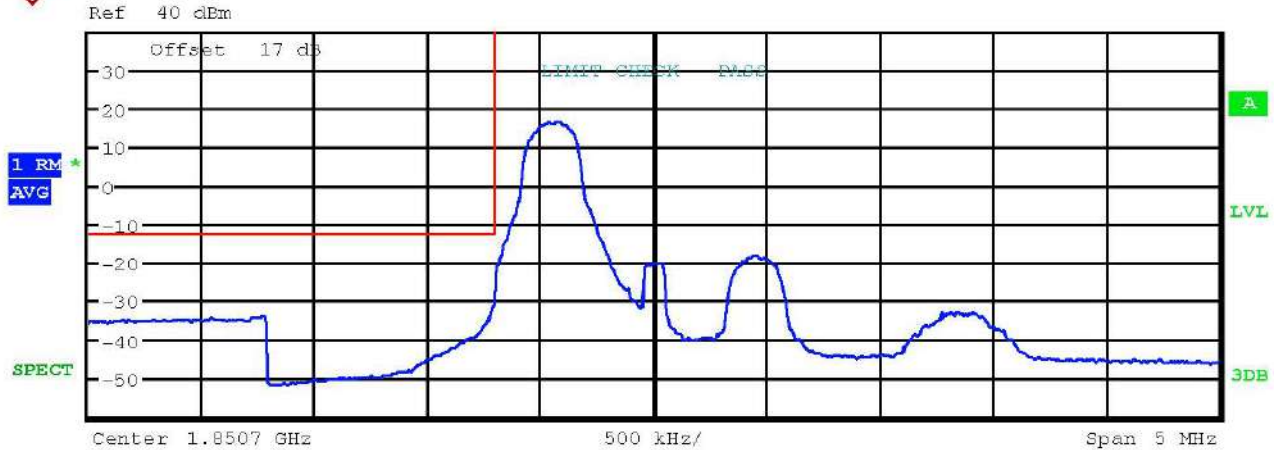
Tx Channel			BW_20_MHz_higher UL			
Bandwidth			20 MHz	Power		20.25 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-30.000 M	-10.000 M	100.00 k	1.873269 G	-32.41	-52.65	-332.41
10.000 M	11.000 M	200.00 k	1.910000 G	-36.28	-56.53	-23.28
11.000 M	30.000 M	1.00 M	1.911154 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



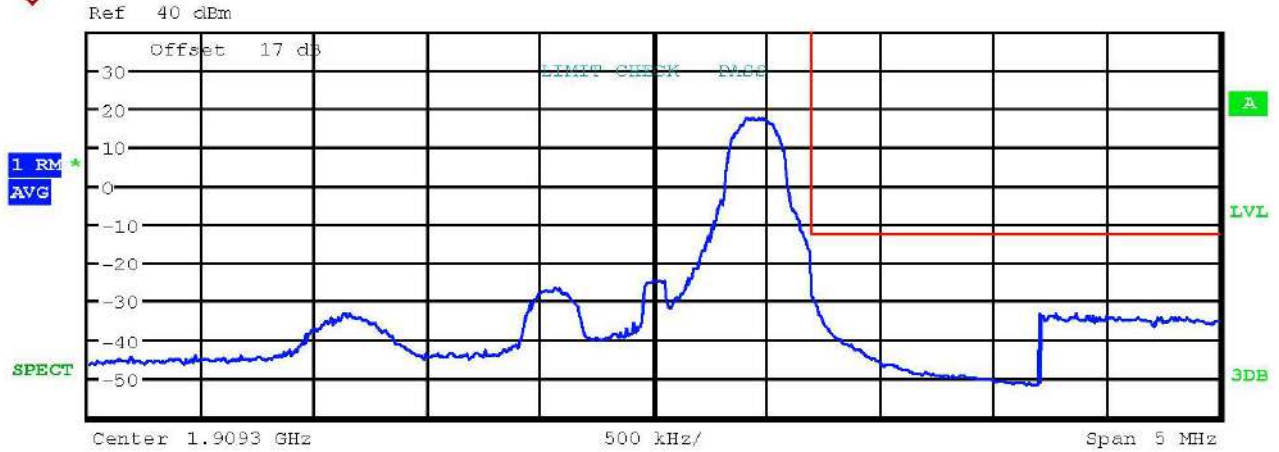
Center 1.8507 GHz 500 kHz/ Span 5 MHz

Tx Channel				BW_1_4_MHz_lower UL			
Bandwidth			1.4 MHz	Power			18.27 dBm
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: GX9HYGWGEN2



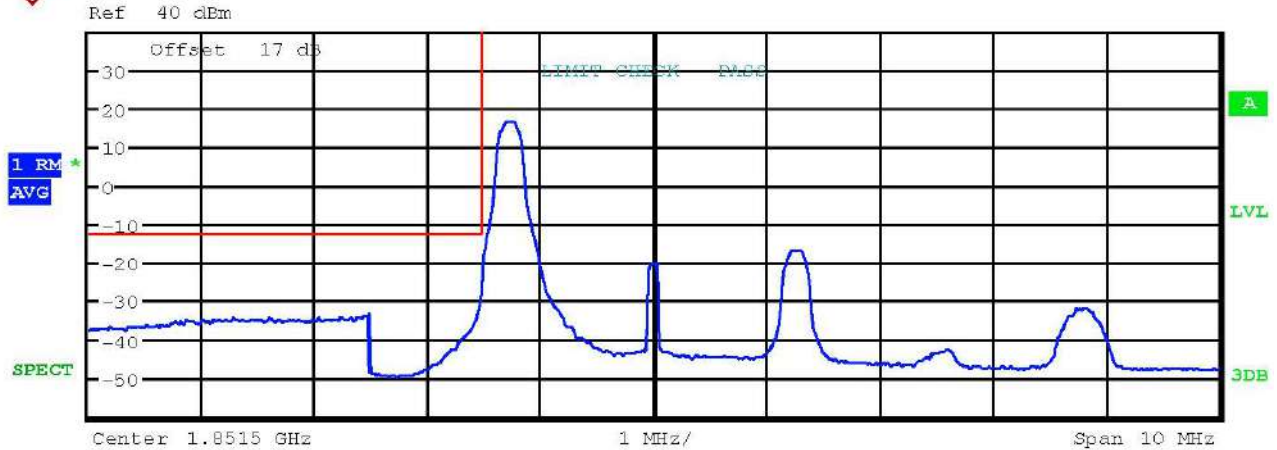
Tx Channel				BW_1_4_MHz_higher UL			
Bandwidth		1.4 MHz	Power		19.25 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-2.500 M	-700.000 k	100.00 k	1.907930 G	-32.96	-52.21	-332.96	
700.000 k	1.700 M	20.00 k	1.910000 G	-17.03	-36.29	-4.03	
1.700 M	2.500 M	1.00 M	1.911079 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

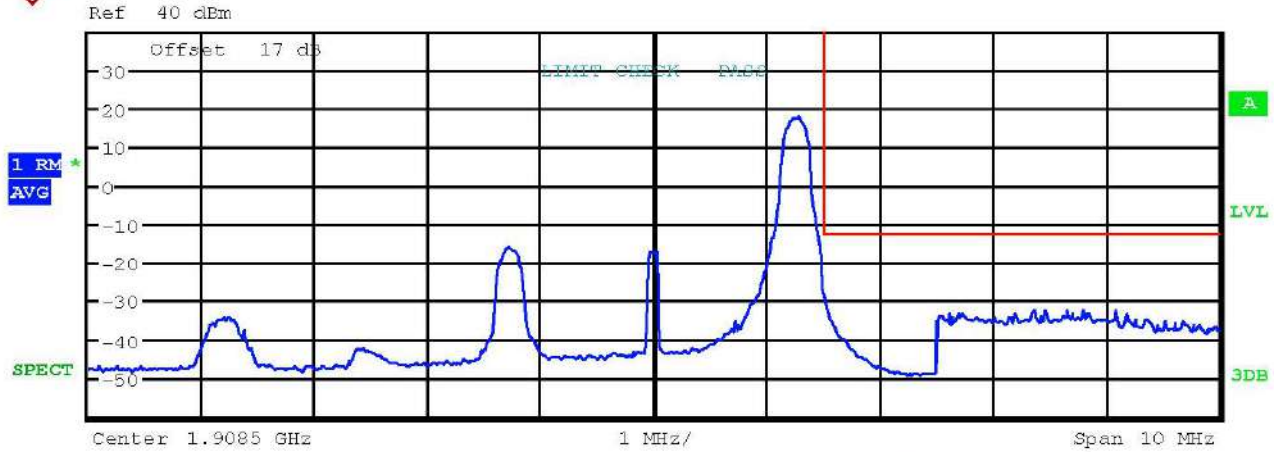


Tx Channel				BW_3_MHz_lower UL		
Bandwidth		3 MHz	Power		18.53 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-5.000 M	-2.500 M	1.00 M	1.848984 G	-33.41	-51.94	-20.41
-2.500 M	-1.500 M	30.00 k	1.849978 G	-28.36	-46.89	-15.36
1.500 M	5.000 M	100.00 k	1.855330 G	-32.04	-50.57	-332.04

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



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



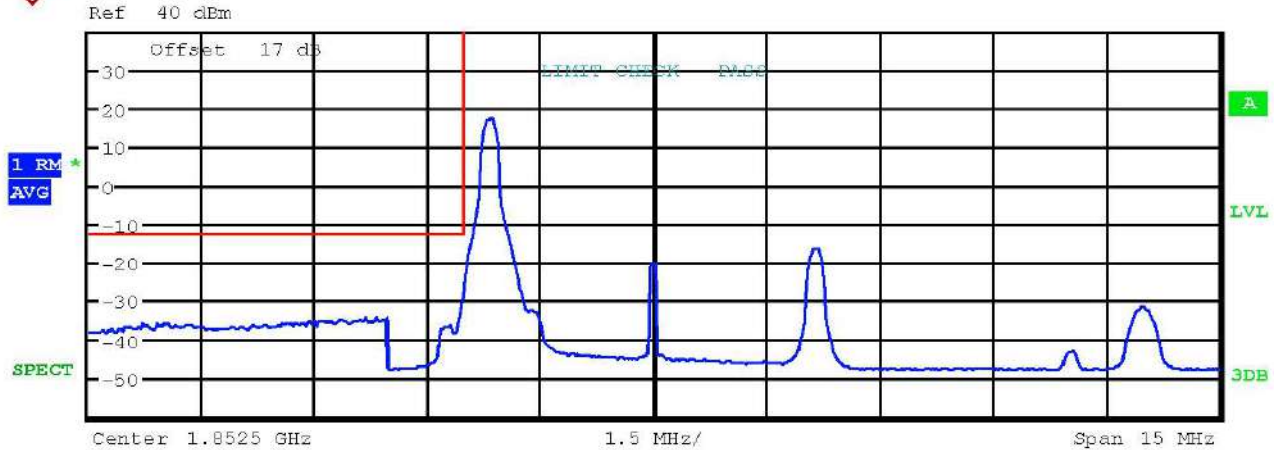
Tx Channel				BW_3_MHz_higher UL			
Bandwidth			3 MHz	Power		19.50 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-5.000 M	-1.500 M	100.00 k	1.904734 G	-34.09	-53.59	-334.09	
1.500 M	2.500 M	30.00 k	1.910006 G	-27.60	-47.10	-14.60	
2.500 M	5.000 M	1.00 M	1.912587 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

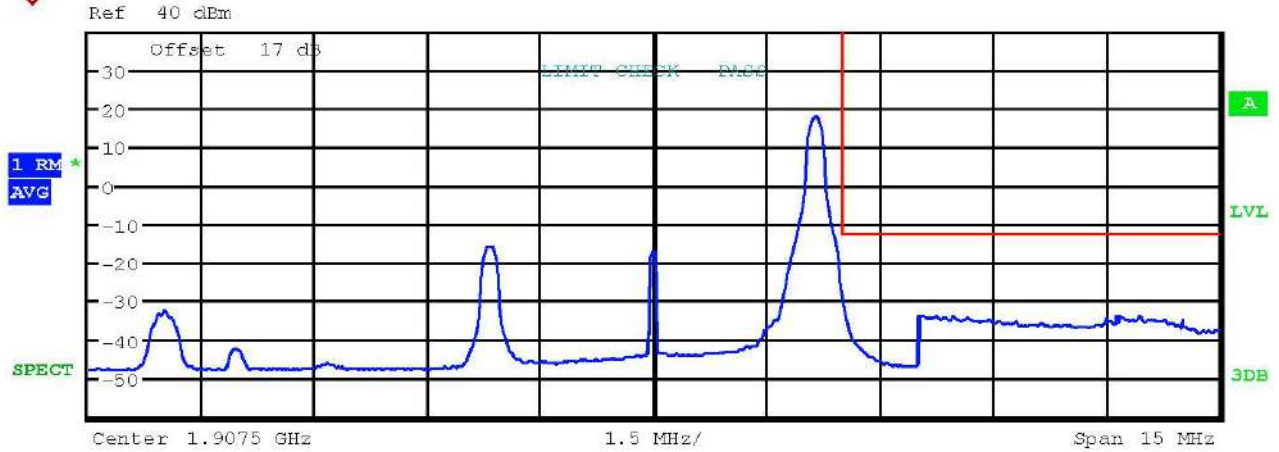


Tx Channel				BW_5_MHz_lower UL		
Bandwidth		5 MHz	Power		19.37 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-7.500 M	-3.500 M	1.00 M	1.848966 G	-34.23	-53.60	-21.23
-3.500 M	-2.500 M	50.00 k	1.849976 G	-28.43	-47.79	-15.43
2.500 M	7.500 M	100.00 k	1.858990 G	-31.57	-50.93	-331.57

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



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



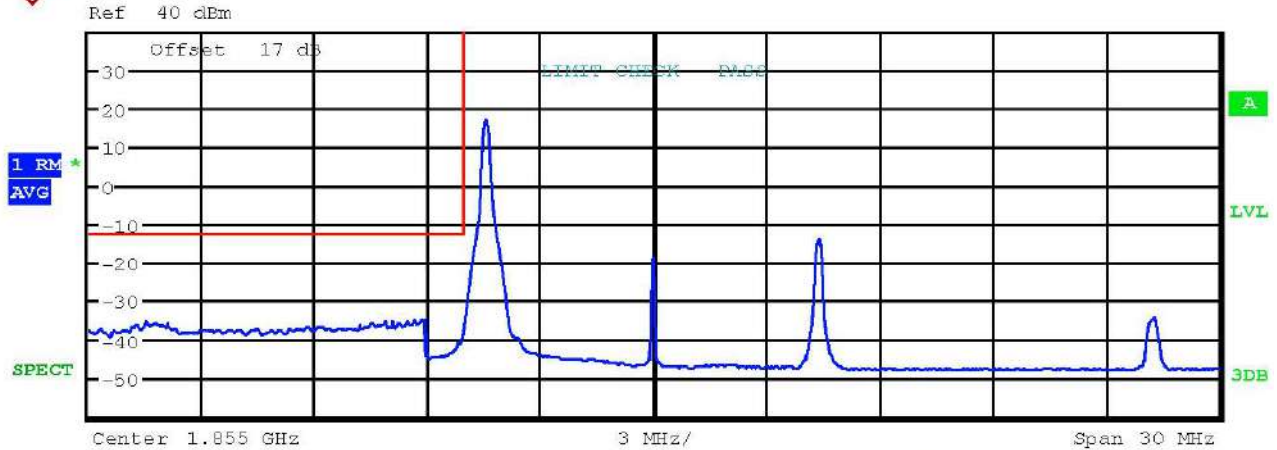
Tx Channel				BW_5_MHz_higher UL			
Bandwidth			5 MHz	Power			19.73 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-7.500 M	-2.500 M	100.00 k	1.901010 G	-32.61	-52.33	-332.61	
2.500 M	3.500 M	50.00 k	1.910000 G	-26.83	-46.56	-13.83	
3.500 M	7.500 M	1.00 M	1.913942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

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 10 MHz 16QAM
 1RB

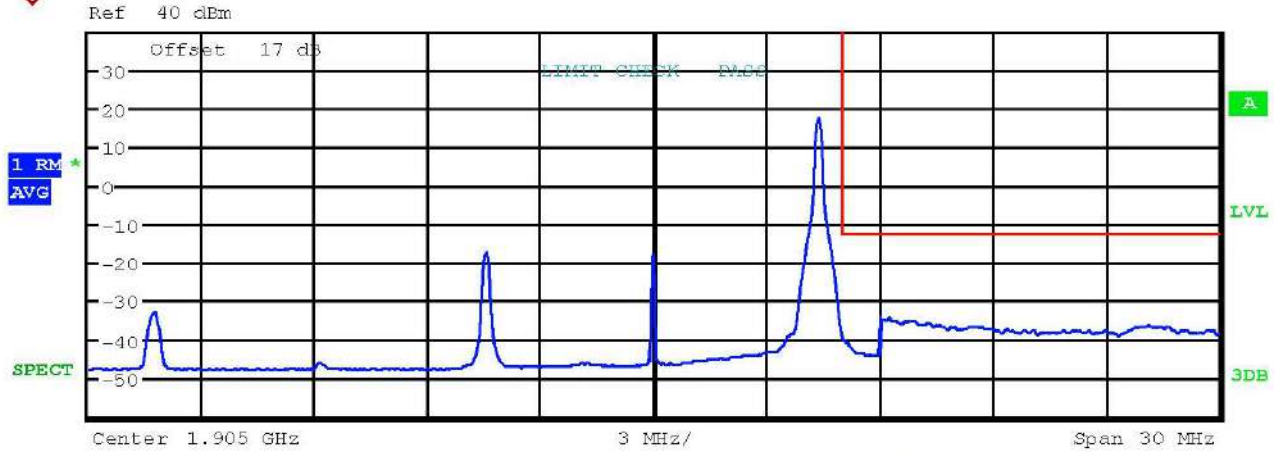


Tx Channel				BW_10_MHz_lower UL		
Bandwidth		10 MHz	Power		19.21 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-15.000 M	-6.000 M	1.00 M	1.848942 G	-34.80	-54.00	-21.80
-6.000 M	-5.000 M	100.00 k	1.849952 G	-37.94	-57.14	-24.94
5.000 M	15.000 M	100.00 k	1.868269 G	-34.43	-53.64	-334.43

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



Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGGEN2



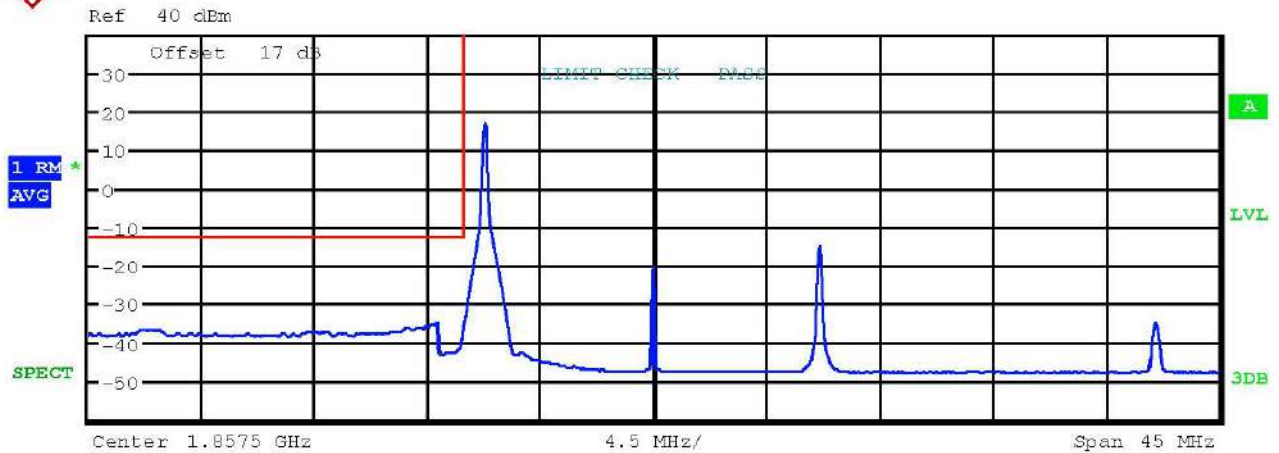
Tx Channel				BW_10_MHz_higher UL			
Bandwidth			10 MHz	Power			19.43 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-15.000 M	-5.000 M	100.00 k	1.891779 G	-33.26	-52.69	-333.26	
5.000 M	6.000 M	100.00 k	1.910000 G	-37.67	-57.09	-24.67	
6.000 M	15.000 M	1.00 M	1.911250 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



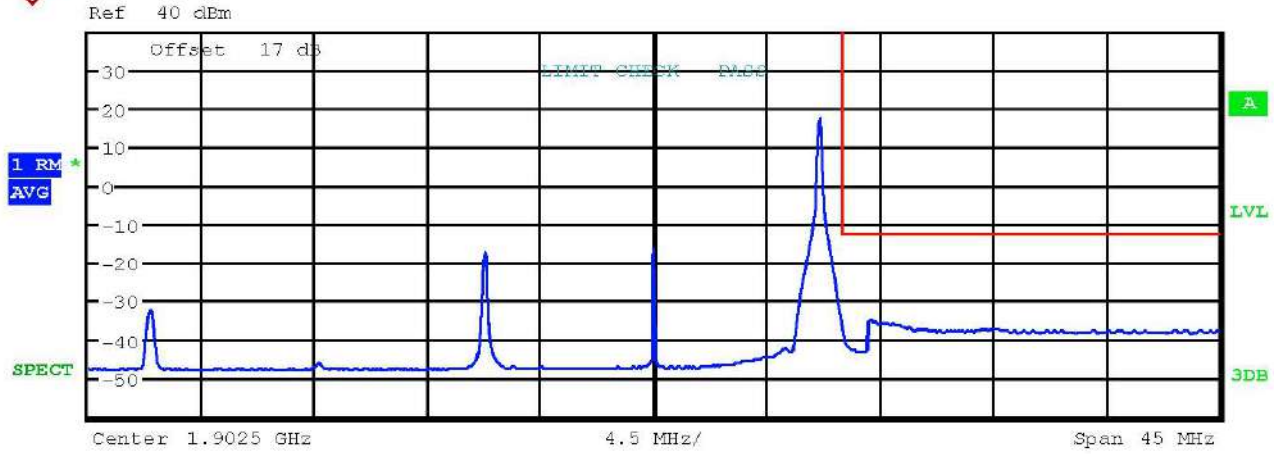
Center 1.8575 GHz 4.5 MHz/ Span 45 MHz

Tx Channel				BW_15_MHz_lower UL			
Bandwidth			15 MHz	Power			19.08 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit	
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]	
-22.500 M	-8.500 M	1.00 M	1.848702 G	-34.98	-54.06	-21.98	
-8.500 M	-7.500 M	150.00 k	1.849928 G	-35.79	-54.87	-22.79	
7.500 M	22.500 M	100.00 k	1.877476 G	-34.89	-53.97	-334.89	

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



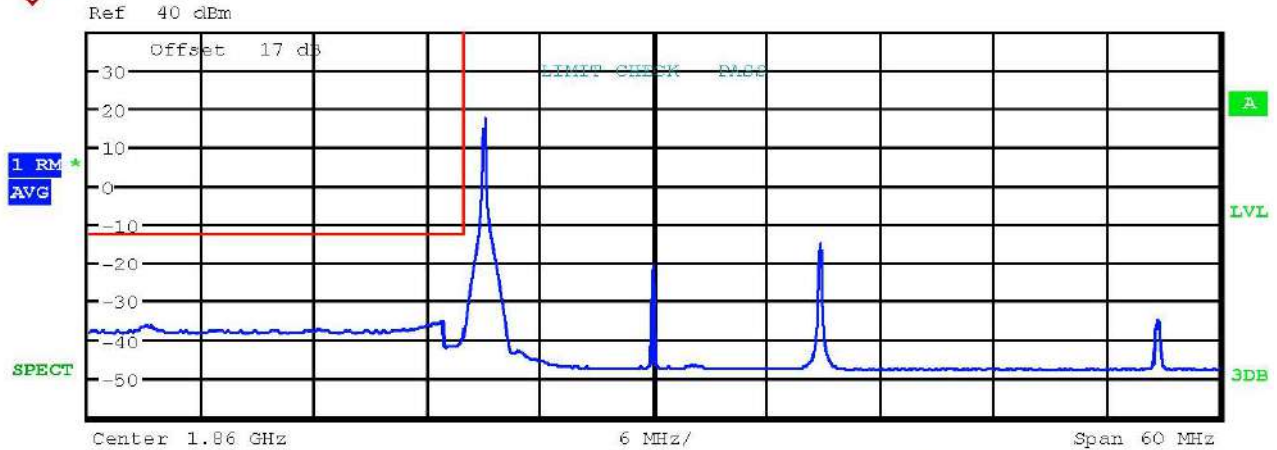
Tx Channel			BW_15_MHz_higher UL			
Bandwidth			15 MHz	Power		19.40 dBm
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-22.500 M	-7.500 M	100.00 k	1.882524 G	-32.48	-51.88	-332.48
7.500 M	8.500 M	150.00 k	1.910000 G	-34.24	-53.63	-21.24
8.500 M	22.500 M	1.00 M	1.911154 G	-35.05	-54.45	-22.05

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 20 MHz 16QAM
 1RB

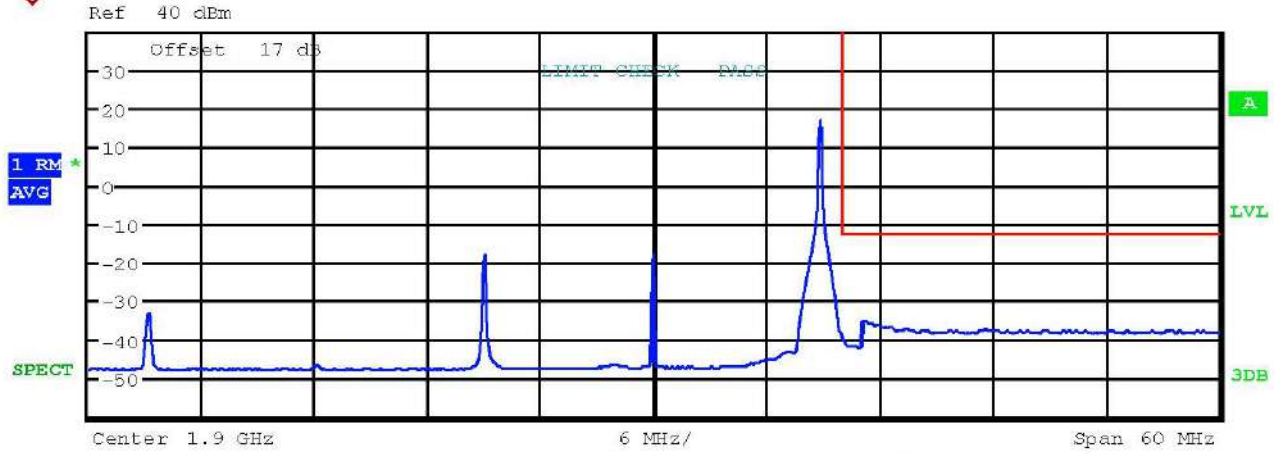


Tx Channel				BW_20_MHz_lower UL		
Bandwidth		20 MHz	Power		19.41 dBm	
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-30.000 M	-11.000 M	1.00 M	1.848846 G	-35.30	-54.71	-22.30
-11.000 M	-10.000 M	200.00 k	1.849904 G	-37.19	-56.60	-24.19
10.000 M	30.000 M	100.00 k	1.886731 G	-34.79	-54.19	-334.79

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 FCC ID: GX9HYGWGEN2



Tx Channel			BW_20_MHz_higher UL			
Bandwidth			20 MHz	Power		19.32 dBm
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	-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



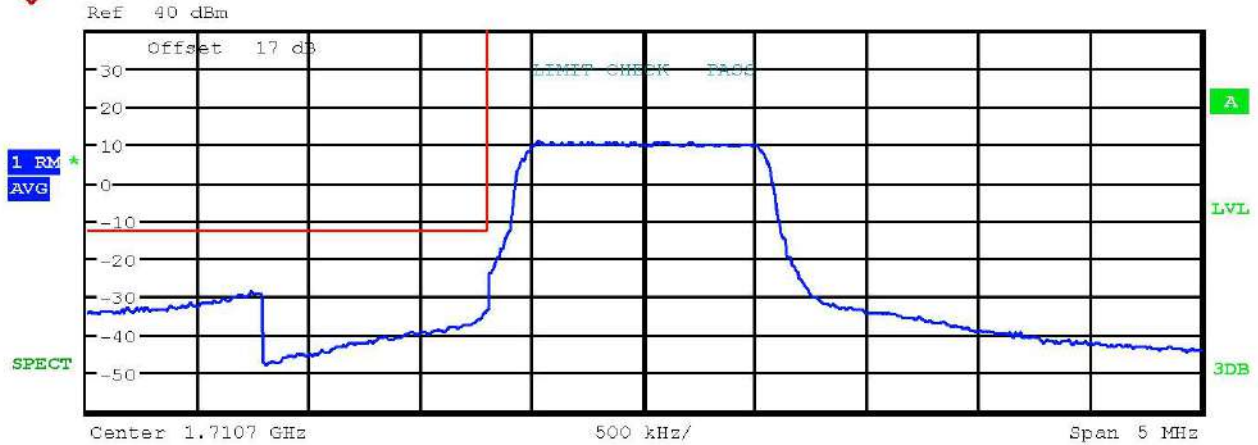
Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGGEN2

Band 4

1.4 MHz QPSK

FRB

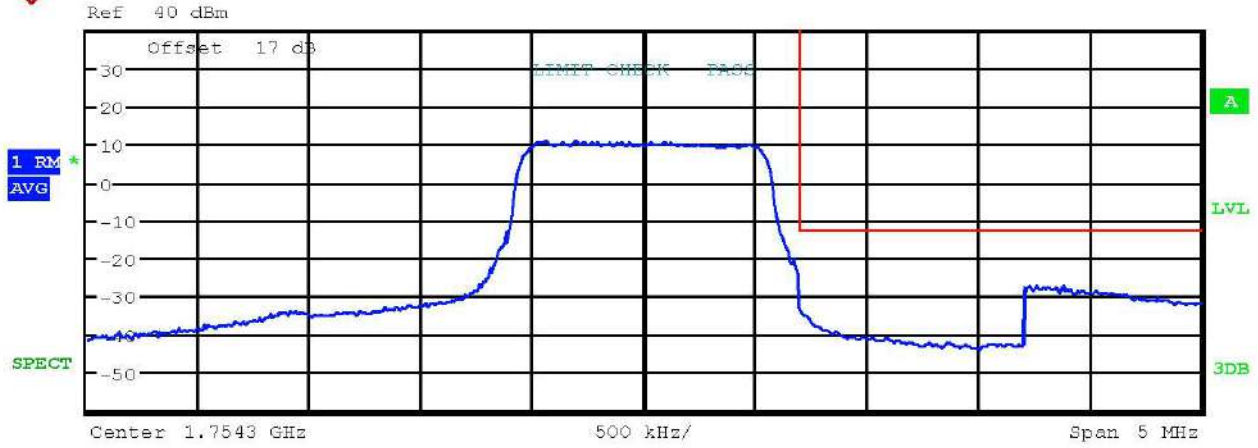


Tx Channel				BW_1_4_MHz_lower UL			
Bandwidth		1.4 MHz	Power		19.86 dBm		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-2.500 M	-1.700 M	1.00 M	1.708937 G	-28.80	-48.65	-15.80	
-1.700 M	-700.000 k	20.00 k	1.709995 G	-33.79	-53.65	-20.79	
700.000 k	2.500 M	100.00 k	1.711400 G	-23.97	-43.83	-323.97	

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 FCC ID: GX9HYGWGEN2



Tx Channel			BW_1_4_MHz_higher UL			
Bandwidth			1.4 MHz	Power		
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

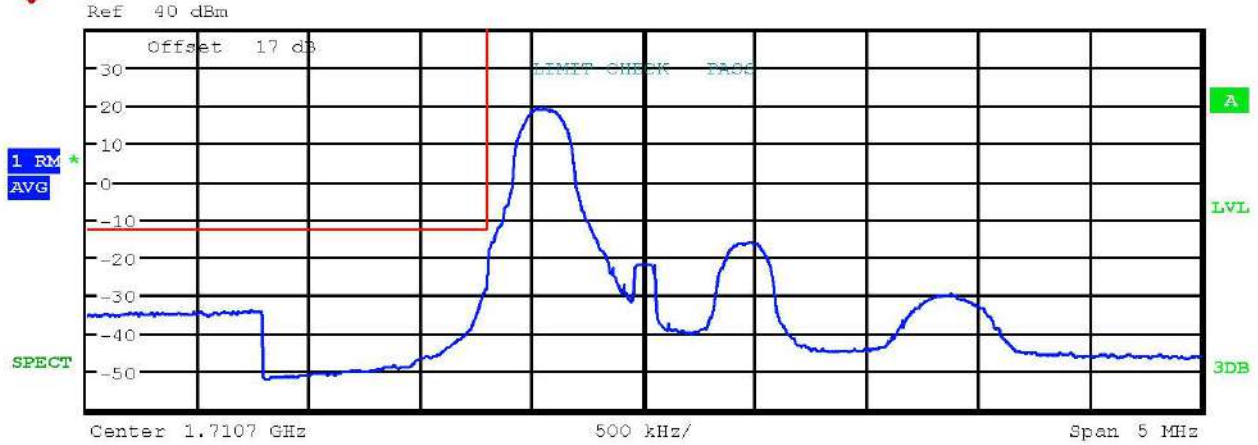
Date: 5.OCT.2022 15:11:14



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FCC ID: GX9HYGWGEN2

1RB

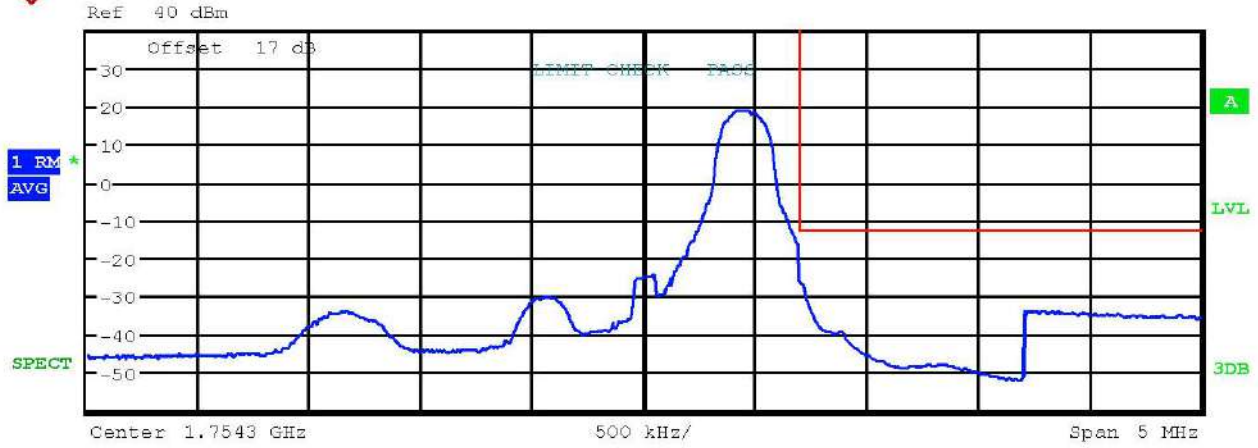


Tx Channel				BW_1_4_MHz_lower UL			
Bandwidth			1.4 MHz	Power			20.77 dBm
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-1.700 M	1.00 M	1.708937 G	-33.87	-54.63	-20.87	
-1.700 M	-700.000 k	20.00 k	1.709995 G	-28.50	-49.26	-15.50	
700.000 k	2.500 M	100.00 k	1.712078 G	-29.77	-50.53	-329.77	

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

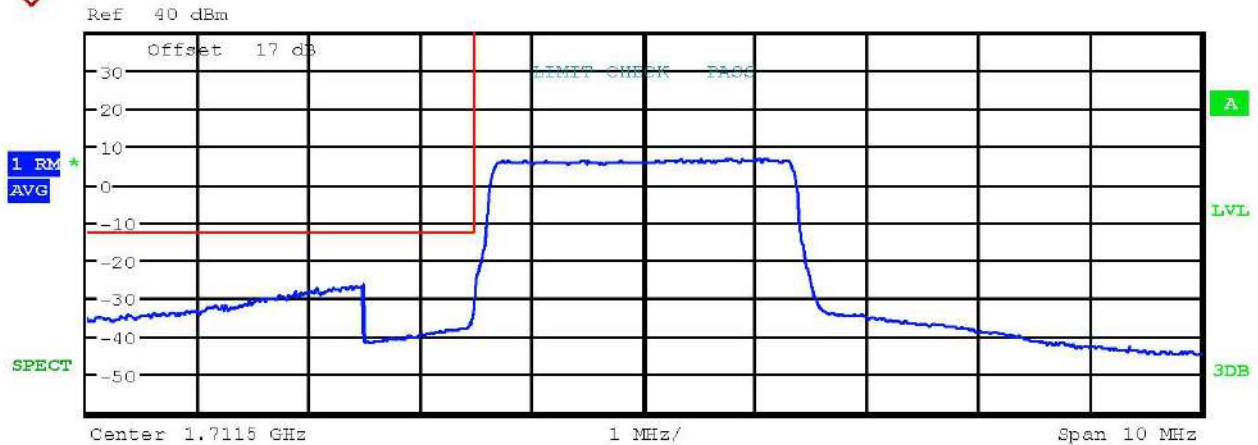


Tx Channel			BW_1_4_MHz_higher UL			
Bandwidth			1.4 MHz	Power		
Start	Stop	RBW	Freq	PwrAbs	PwrRel	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dBc]	[dB]
-2.500 M	-700.000 k	100.00 k	1.752946 G	-33.85	-54.51	-333.85
700.000 k	1.700 M	20.00 k	1.755000 G	-16.90	-37.56	-3.90
1.700 M	2.500 M	1.00 M	1.756159 G	-33.85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

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Report Number: W6R22209-22106-P-247
 FCC ID: GX9HYGWGEN2
 3 MHz QPSK
 FRB



Center 1.7115 GHz 1 MHz/ Span 10 MHz

Tx Channel				BW_3_MHz_lower UL			
Bandwidth			3 MHz	Power			19.77 dBm
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [dB]	
-5.000 M	-2.500 M	1.00 M	1.708984 G	-26.53	-46.30	-13.53	
-2.500 M	-1.500 M	30.00 k	1.709978 G	-33.10	-52.87	-20.10	
1.500 M	5.000 M	100.00 k	1.713006 G	-25.48	-45.24	-325.48	

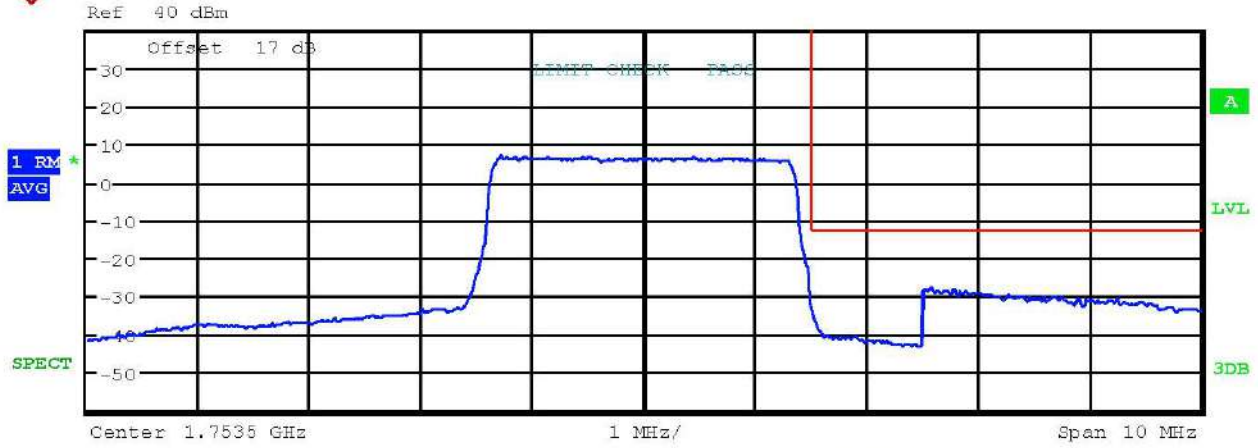
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Worldwide Testing Services(Taiwan) Co., Ltd.

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Tx Channel				BW_3_MHz_higher UL		
Bandwidth		3 MHz		Power		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	Δ Limit [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

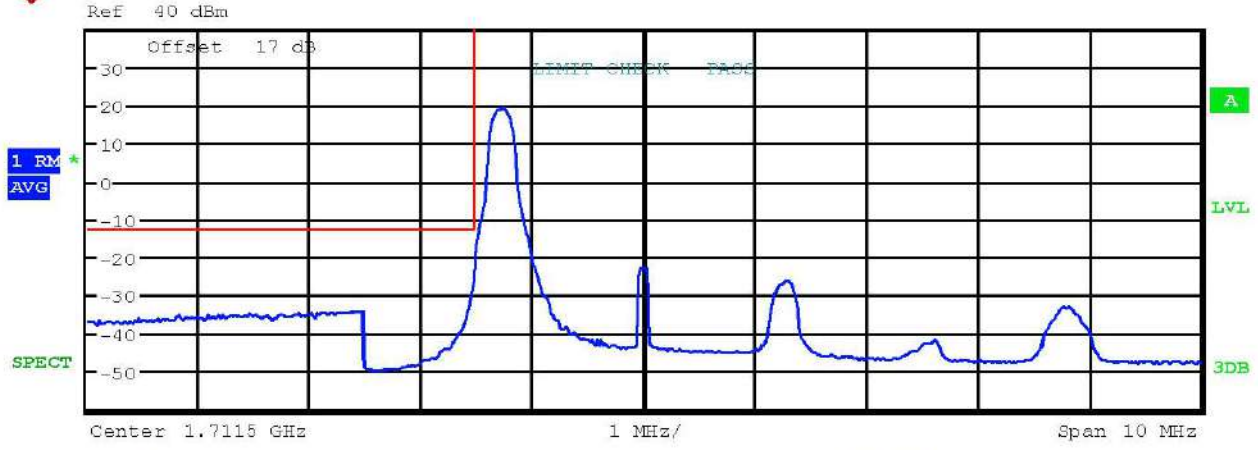
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Report Number: W6R22209-22106-P-247

FCC ID: GX9HYGWGEN2

1RB



Tx Channel				BW_3_MHz_lower UL			
Bandwidth			3 MHz	Power			20.85 dBm
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-5.000 M	-2.500 M	1.00 M	1.708904 G	-34.20	-55.05	-21.20	
-2.500 M	-1.500 M	30.00 k	1.709978 G	-26.50	-47.34	-13.50	
1.500 M	5.000 M	100.00 k	1.715266 G	-33.06	-53.91	-333.06	

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