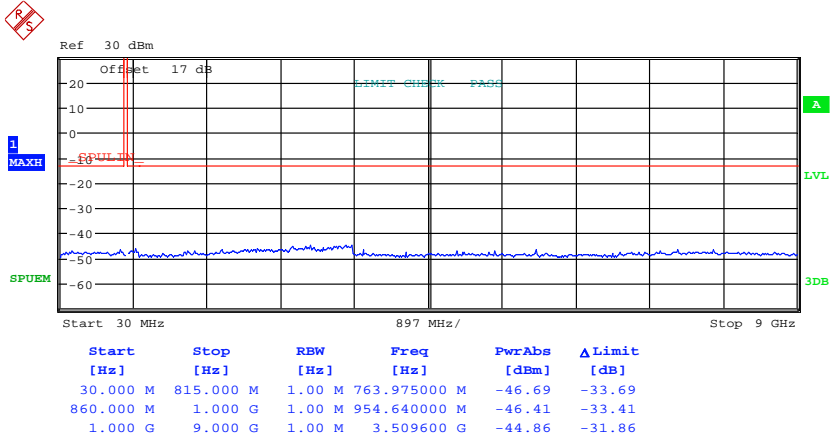
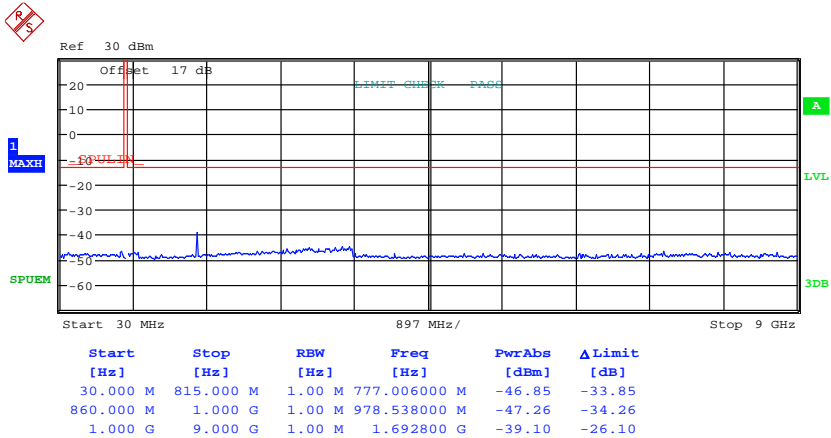




Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 3MHZ CH20525
 Date: 17.AUG.2017 15:24:26



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 3MHZ CH20635
 Date: 17.AUG.2017 15:23:45

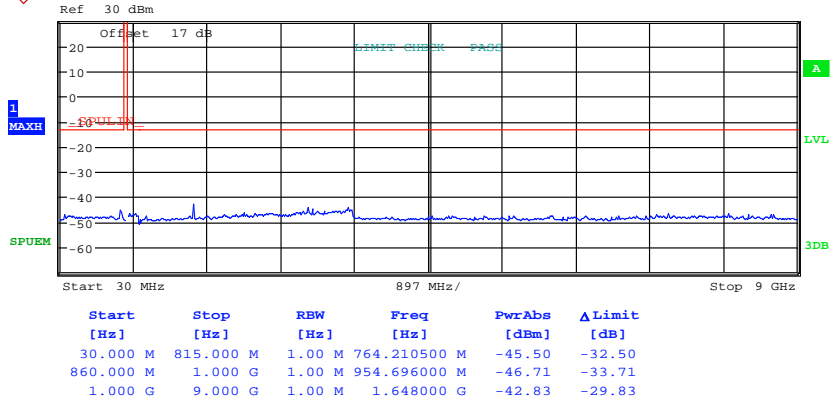


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Report Number: W6R22104-20827-P-247

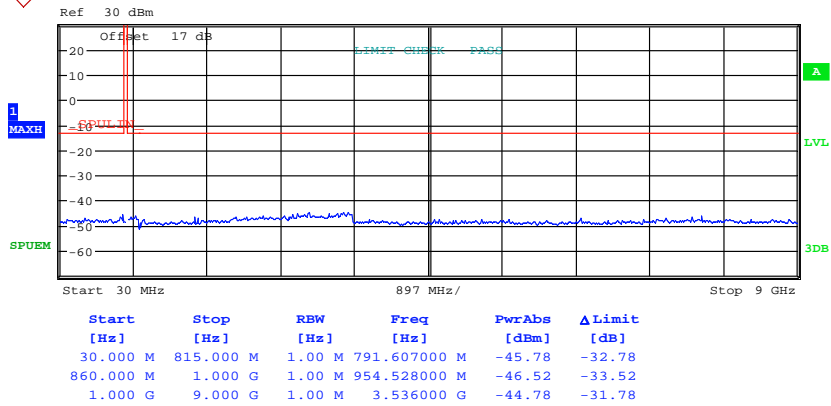
FCC ID: GX9FPHUB3

5 MHz 16QAM



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 5MHZ CH20425

Date: 17.AUG.2017 15:26:38

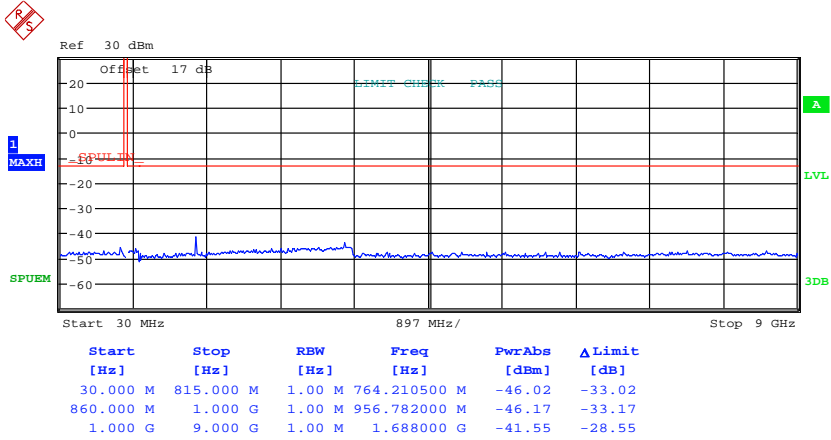


CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 5MHZ CH20525

Date: 17.AUG.2017 15:27:16

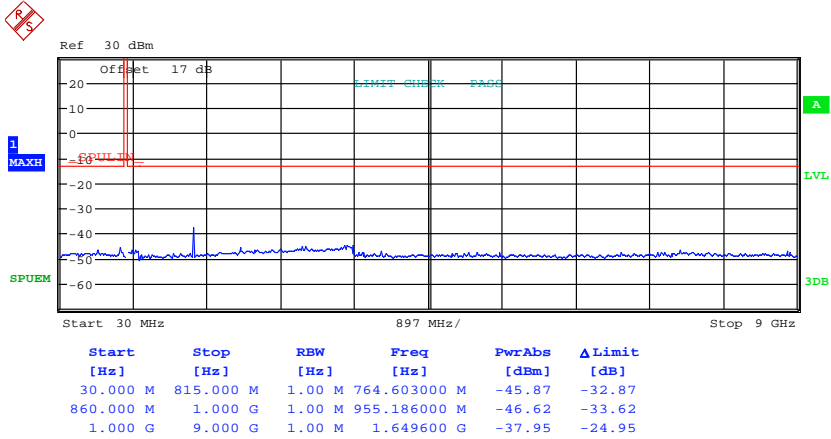


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 5MHZ CH20625
 Date: 17.AUG.2017 15:27:49

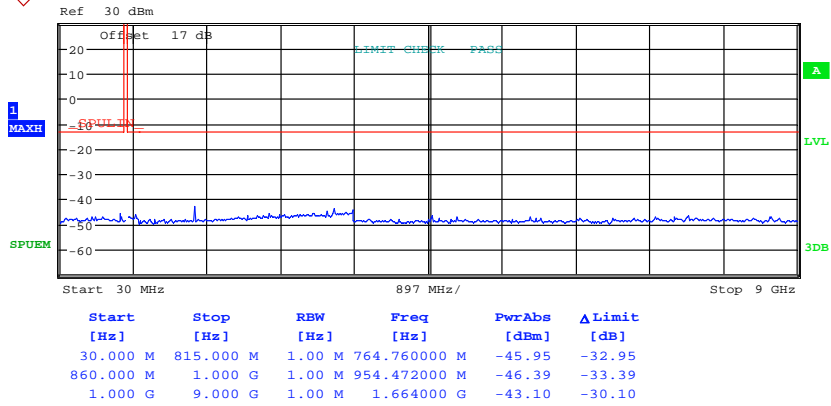
10 MHz 16QAM



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 10MHZ CH20450
 Date: 17.AUG.2017 15:34:31

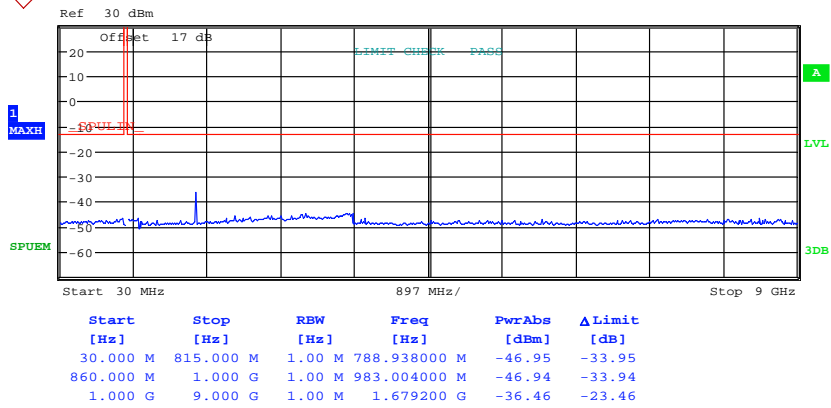


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 10MHZ CH20525

Date: 17.AUG.2017 15:33:55



CONDUCTED SPURIOUS EMISSION BAND5 16QAM 1RB#0 10MHZ CH20600

Date: 17.AUG.2017 15:33:21



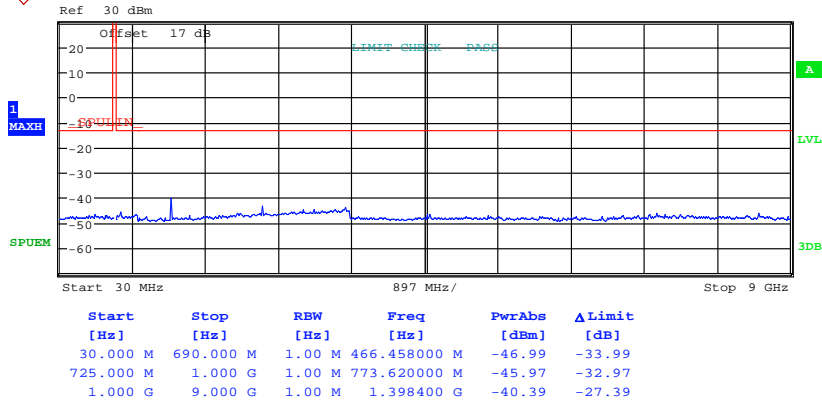
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

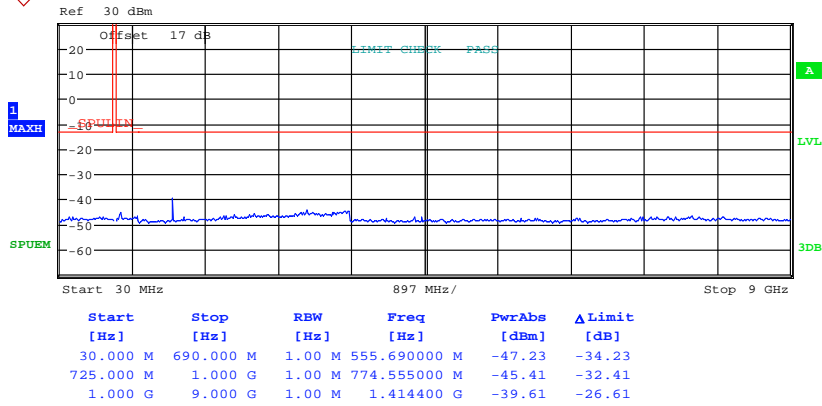
Band 12

1.4 MHz QPSK



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 1.4MHZ CH23017

Date: 17.AUG.2017 15:45:19

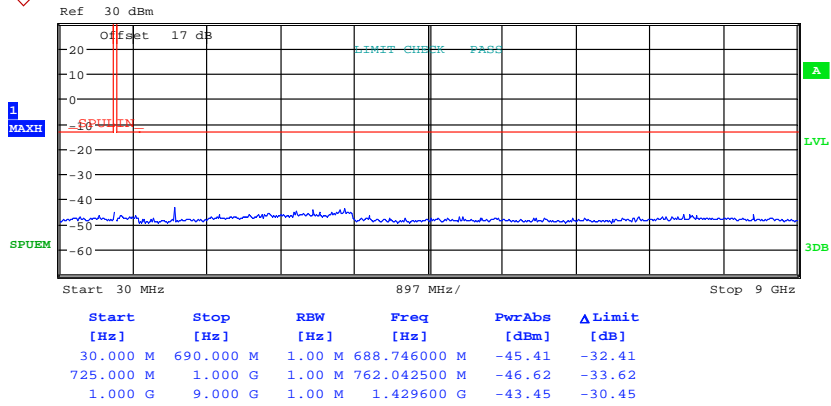


CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 1.4MHZ CH23095

Date: 17.AUG.2017 15:48:30

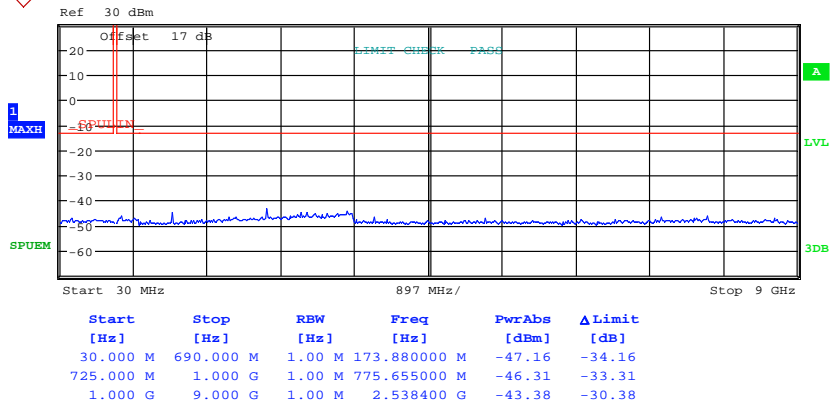


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 1.4MHZ CH23173
 Date: 17.AUG.2017 15:49:13

3 MHz QPSK

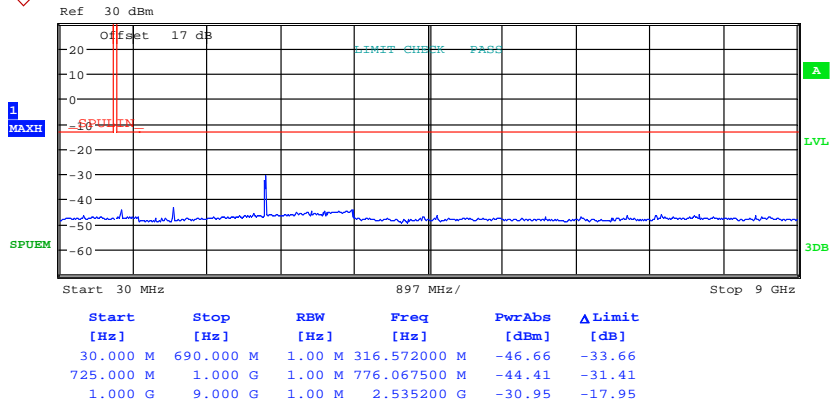


CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 3MHZ CH23025
 Date: 17.AUG.2017 15:58:19



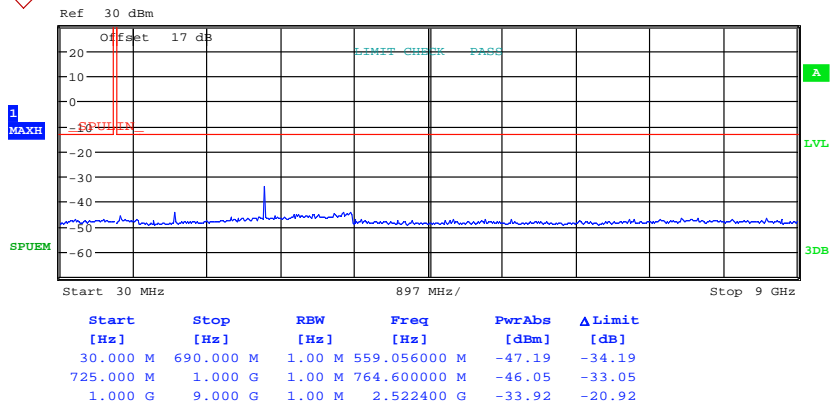
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



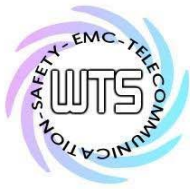
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Date: 17.AUG.2017 15:57:42



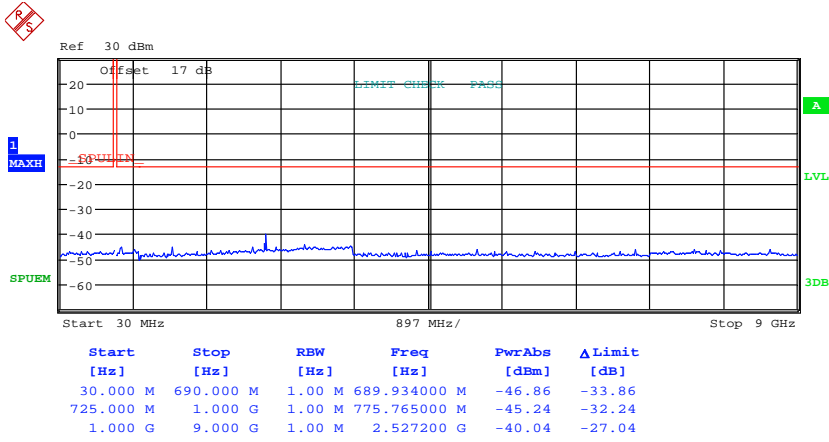
CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 3MHZ CH23165

Date: 17.AUG.2017 15:56:10

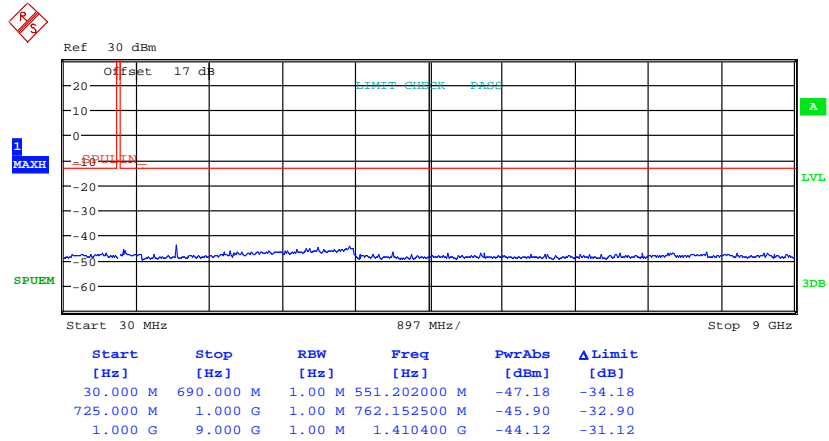


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz QPSK



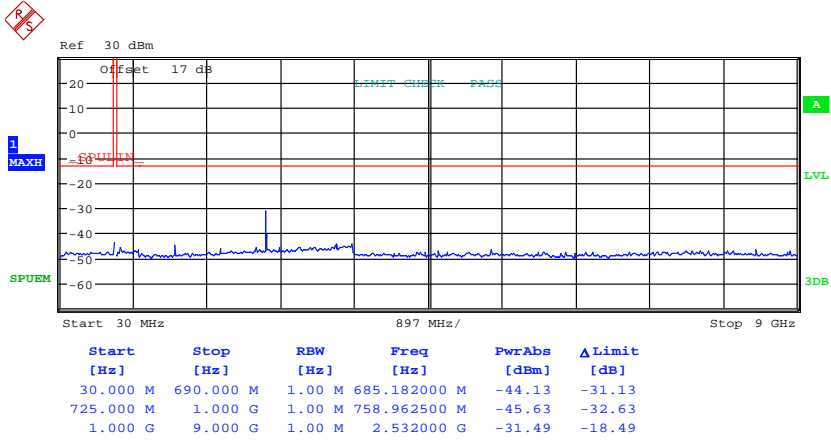
CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 5MHZ CH23035
 Date: 17.AUG.2017 15:59:53



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 5MHZ CH23095
 Date: 17.AUG.2017 16:02:33

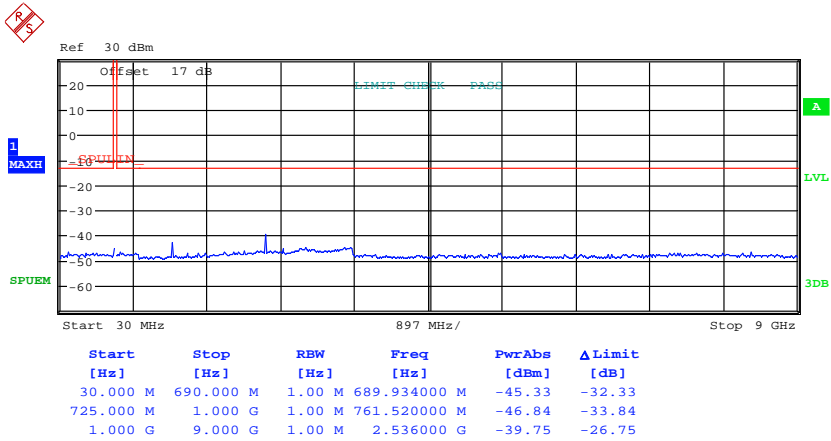


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 5MHZ CH23155
 Date: 17.AUG.2017 16:03:47

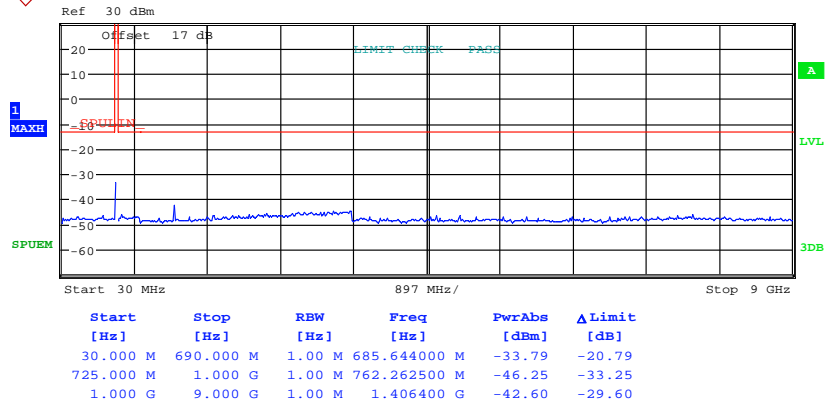
10 MHz QPSK



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 10MHZ CH23060
 Date: 17.AUG.2017 16:12:17

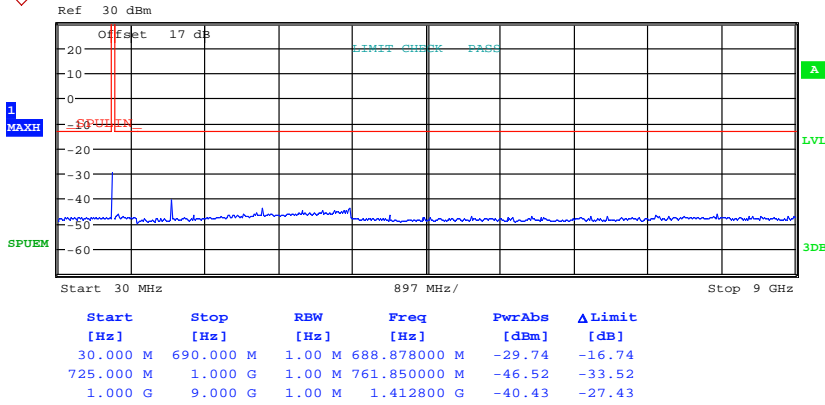


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPUB3



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 10MHZ CH23095

Date: 17.AUG.2017 16:11:35



CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB#0 10MHZ CH23130

Date: 17.AUG.2017 16:10:49

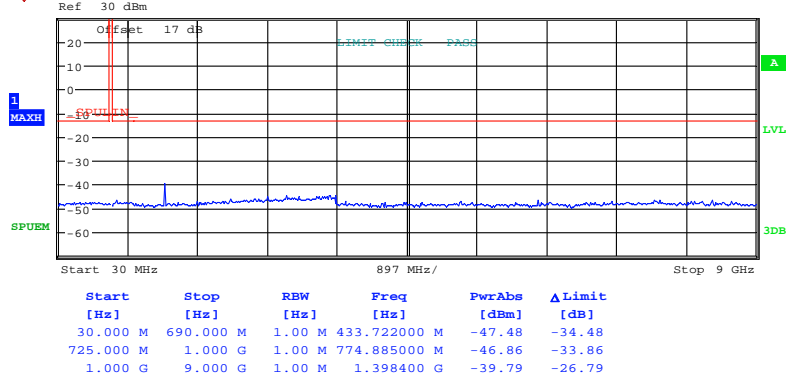


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

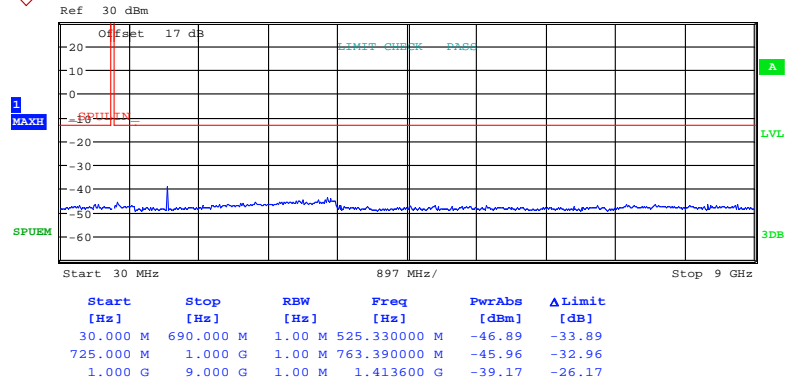
1.4 MHz 16QAM



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 1.4MHZ CH2301

7

Date: 17.AUG.2017 15:51:52



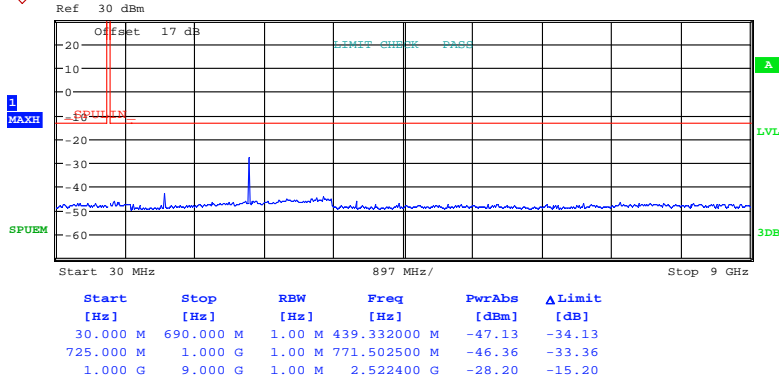
CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 1.4MHZ CH2309

5

Date: 17.AUG.2017 15:50:58



Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

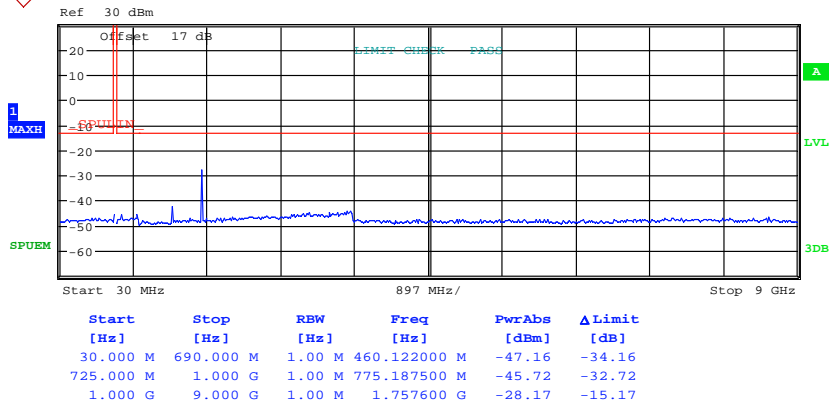


CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 1.4MHZ CH2317

3

Date: 17.AUG.2017 15:50:07

3 MHz 16QAM

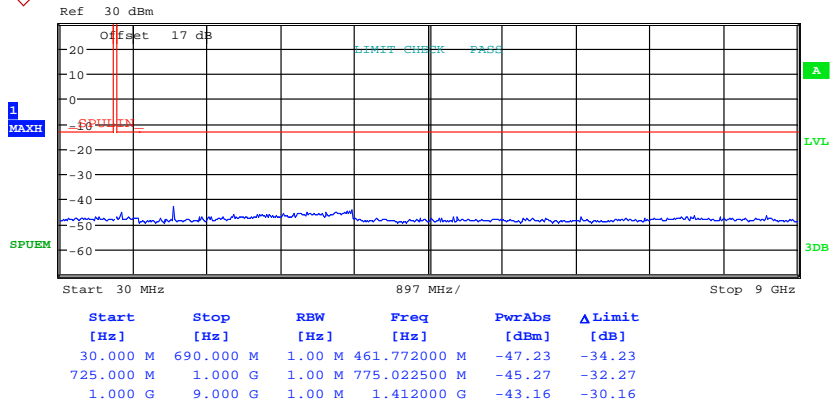


CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 3MHZ CH23025

Date: 17.AUG.2017 15:53:08

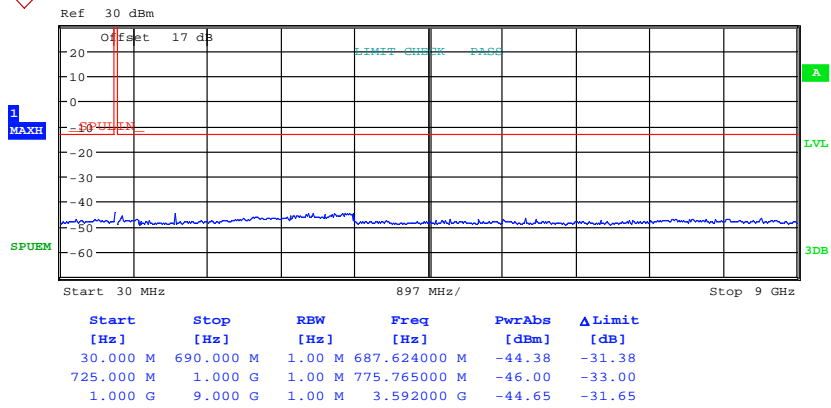


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



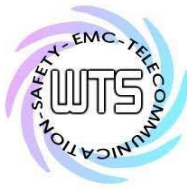
CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 3MHZ CH23095

Date: 17.AUG.2017 15:54:05



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 3MHZ CH23165

Date: 17.AUG.2017 15:54:54

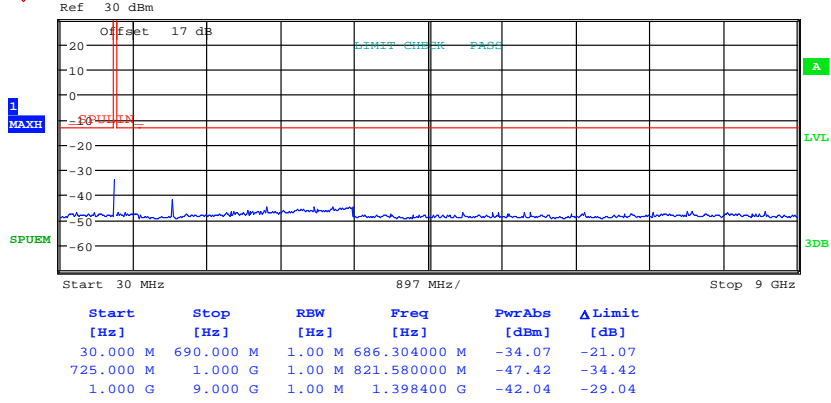


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

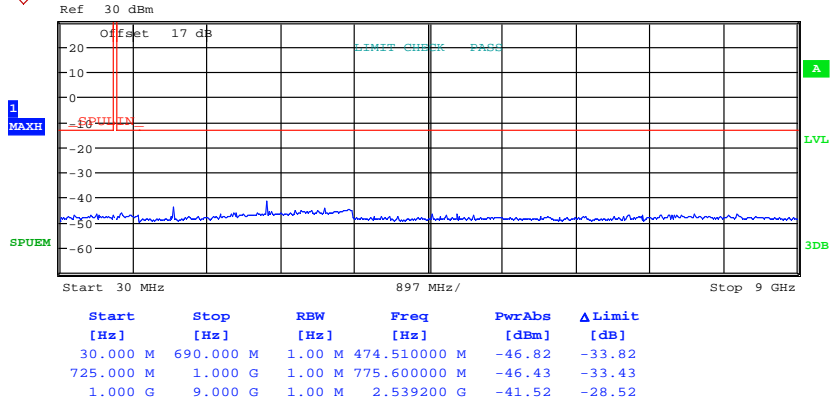
FCC ID: GX9FPHUB3

5 MHz 16QAM



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 5MHZ CH23035

Date: 17.AUG.2017 16:07:04

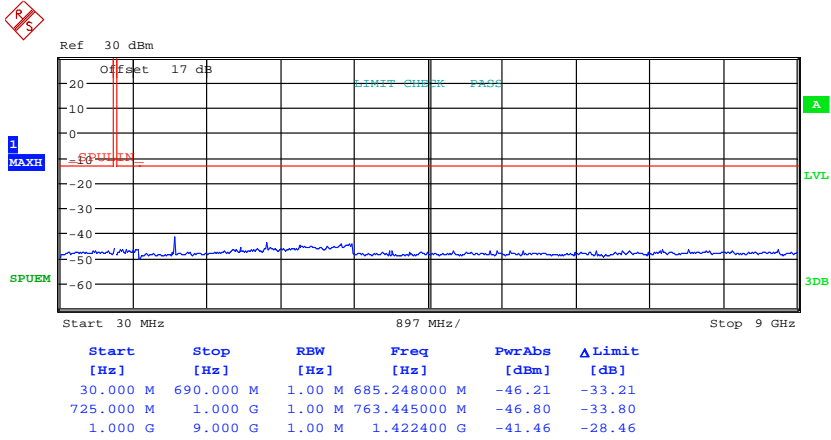


CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 5MHZ CH23095

Date: 17.AUG.2017 16:06:22



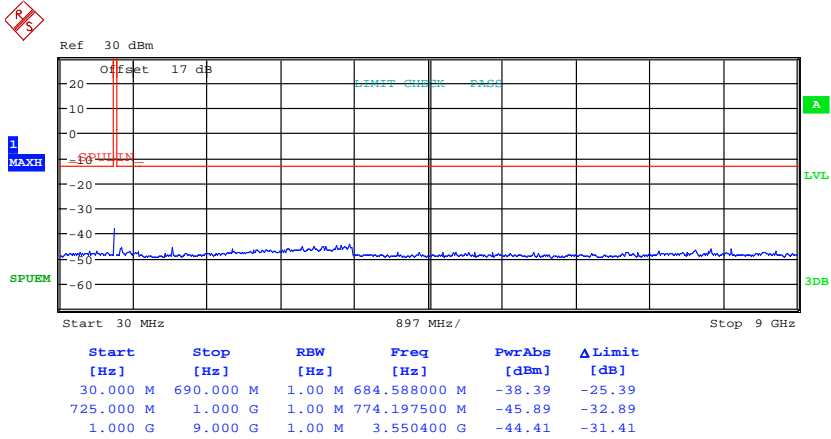
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 5MHZ CH23155

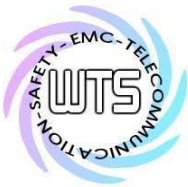
Date: 17.AUG.2017 16:05:15

10 MHz 16QAM

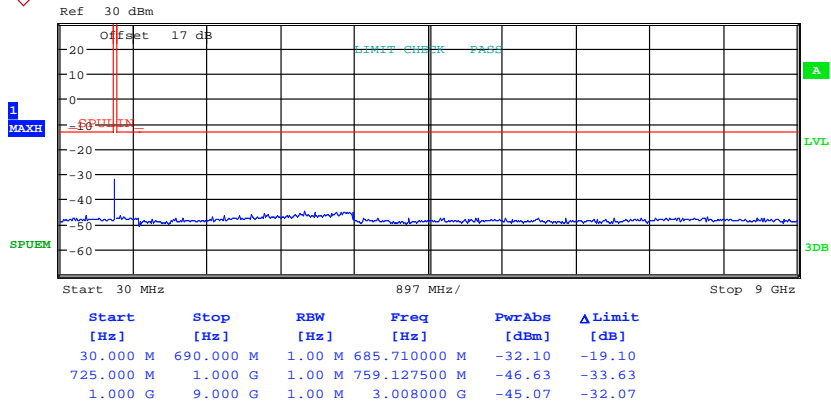


CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 10MHZ CH23060

Date: 17.AUG.2017 16:08:01

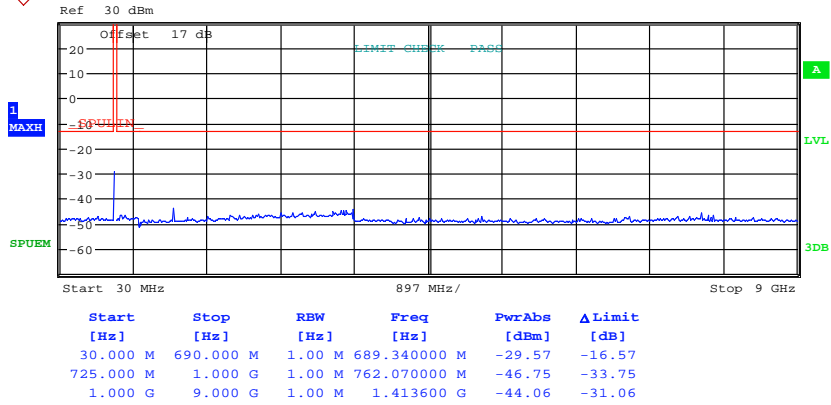


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 10MHZ CH23095

Date: 17.AUG.2017 16:09:15



CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB#0 10MHZ CH23130

Date: 17.AUG.2017 16:09:44

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



Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

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: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

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: FPHUB3 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: $L=P-A=-13dBm$

Test equipment: ETSTW-RE 004, ETSTW-RE 018, ETSTW-RE 030, ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147, ETSTW-GSM 004



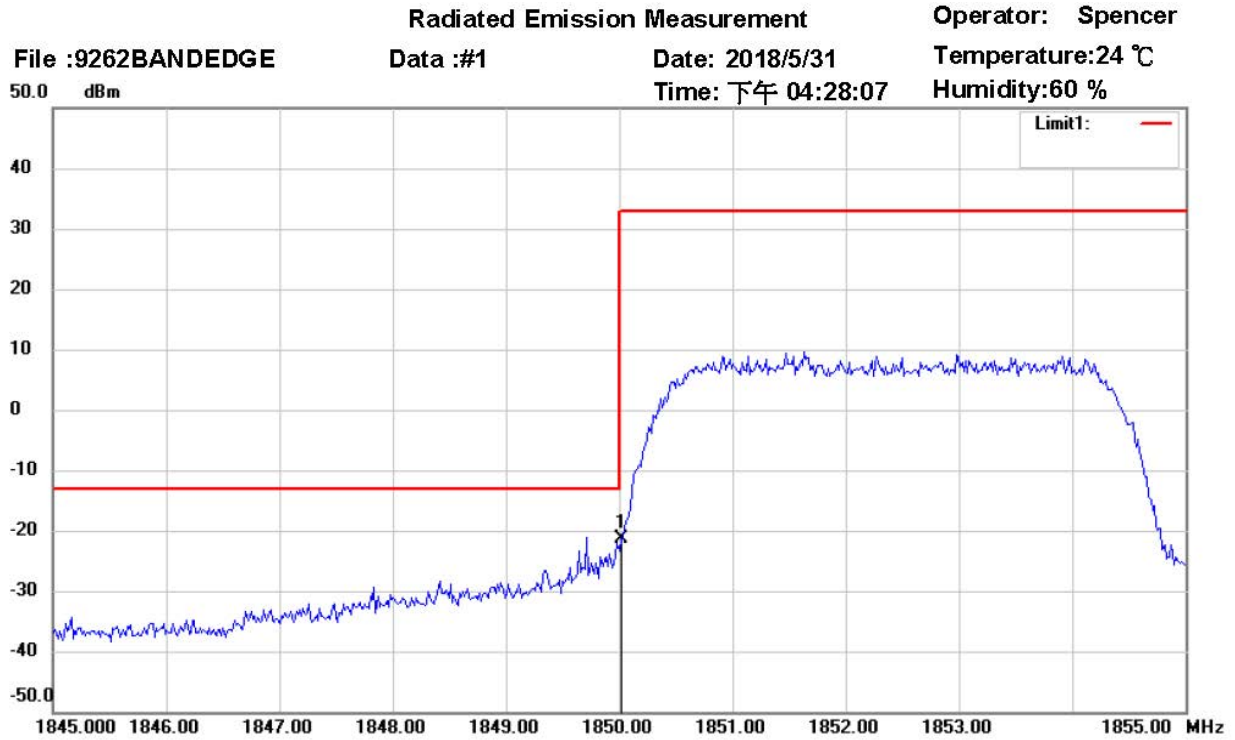
Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

8.5 Test result of band edge emissions

WCDMA

Band 2



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21805-18133

M/N:

Test Mode : WCDMA BAND2 CH9262 BANDEGE

Note :

Polarization: *Horizontal*

Power : 120V A.C.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1850.016	-64.99	peak	43.63	-21.36	33.00	150	118	-54.36	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :9262BANDEDGE

Data :#2

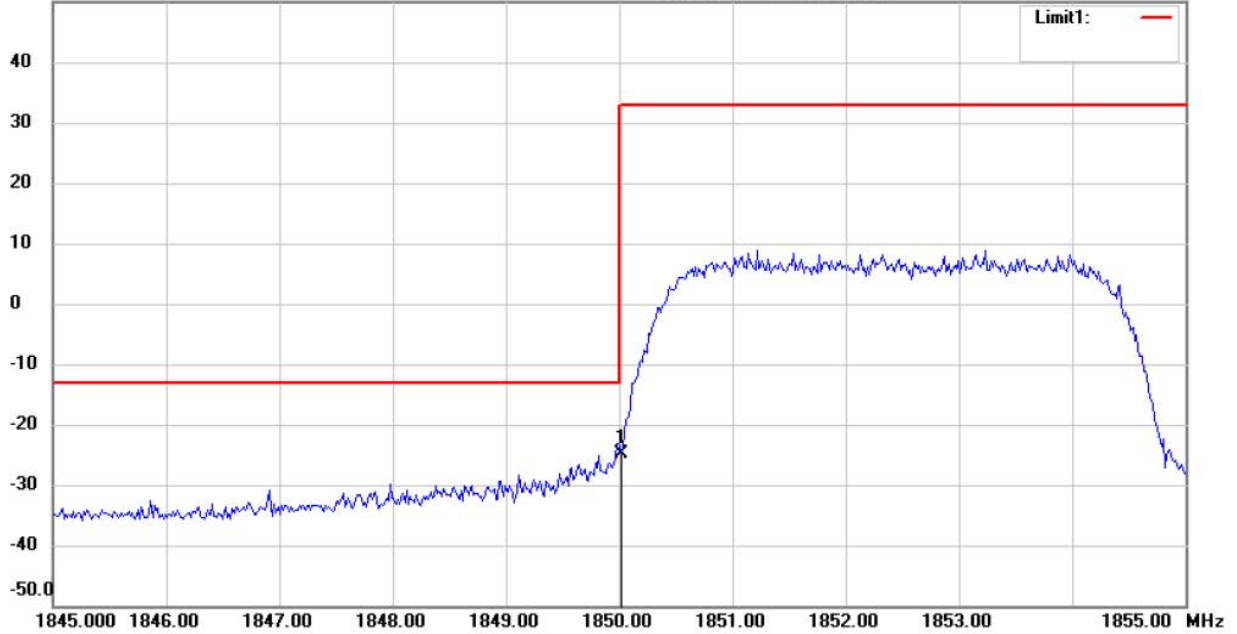
Date: 2018/5/31

Temperature:24 °C

50.0 dBm

Time: 下午 04:42:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21805-18133

M/N:

Test Mode : WCDMA BAND2 CH9262 BANDEDGE

Note :

Polarization: *Vertical*

Power : 120V A.C.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1850.016	-71.25	peak	46.41	-24.84	33.00	150	343	-57.84	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :9538BANDEGE

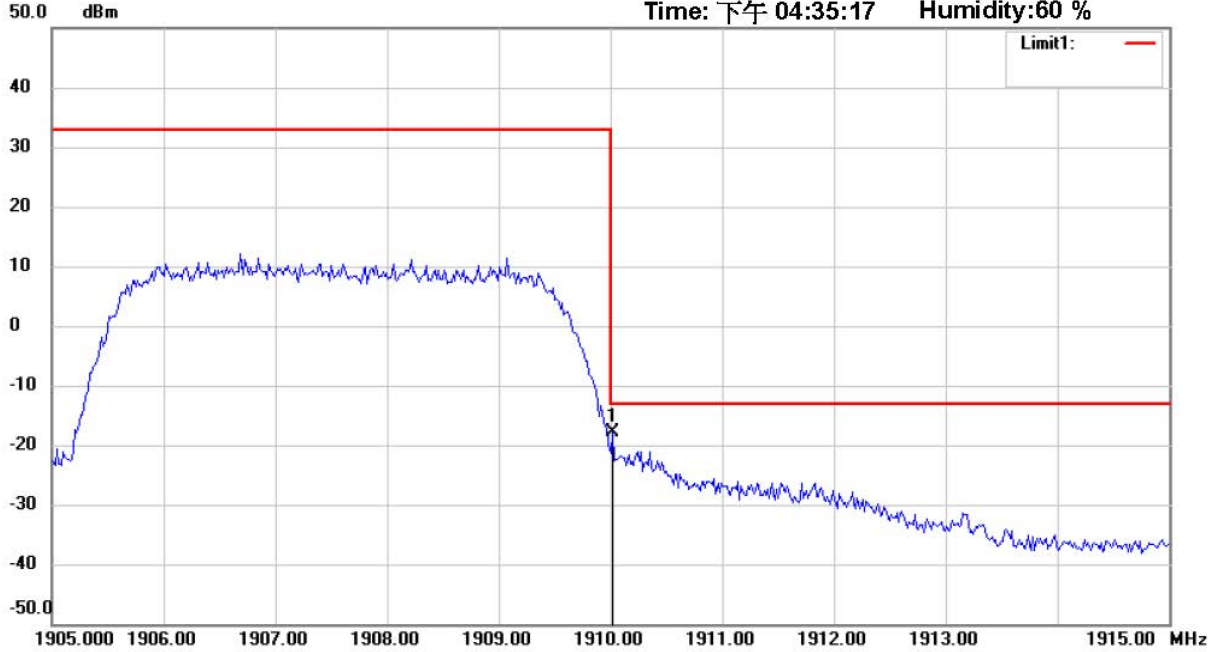
Data :#1

Date: 2018/5/31

Temperature:24 °C

Time: 下午 04:35:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21805-18133

M/N:

Test Mode : WCDMA BAND2 CH9538

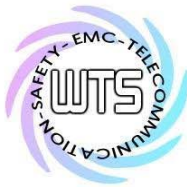
Note :

Polarization: *Horizontal*

Power : 120V A.C.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.016	-61.97	peak	44.17	-17.80	-13.00	150	108	-4.80	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :9538BANDEGE

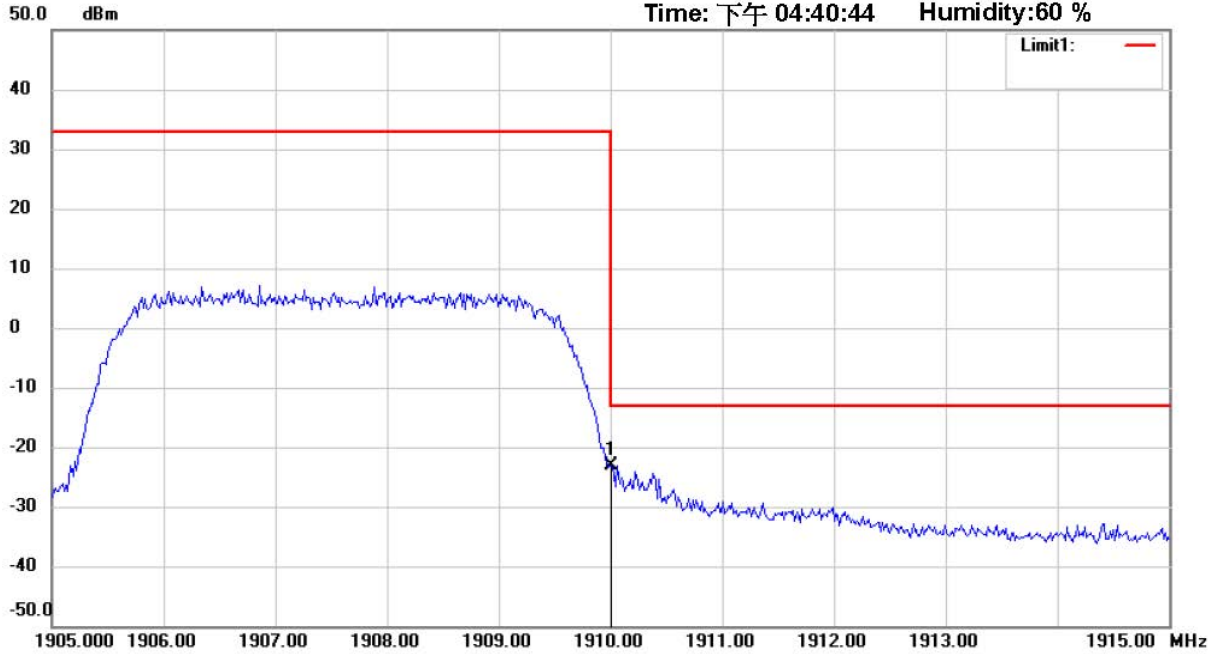
Data :#2

Date: 2018/5/31

Temperature:24 °C

Time: 下午 04:40:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21805-18133

M/N:

Test Mode : WCDMA BAND2 CH9538

Note :

Polarization: *Vertical*

Power : 120V A.C.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.000	-69.75	peak	46.66	-23.09	-13.00	150	147	-10.09	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 Band 4

Radiated Emission Measurement

Operator: Spencer

File :1312BANDEGE

Data :#1

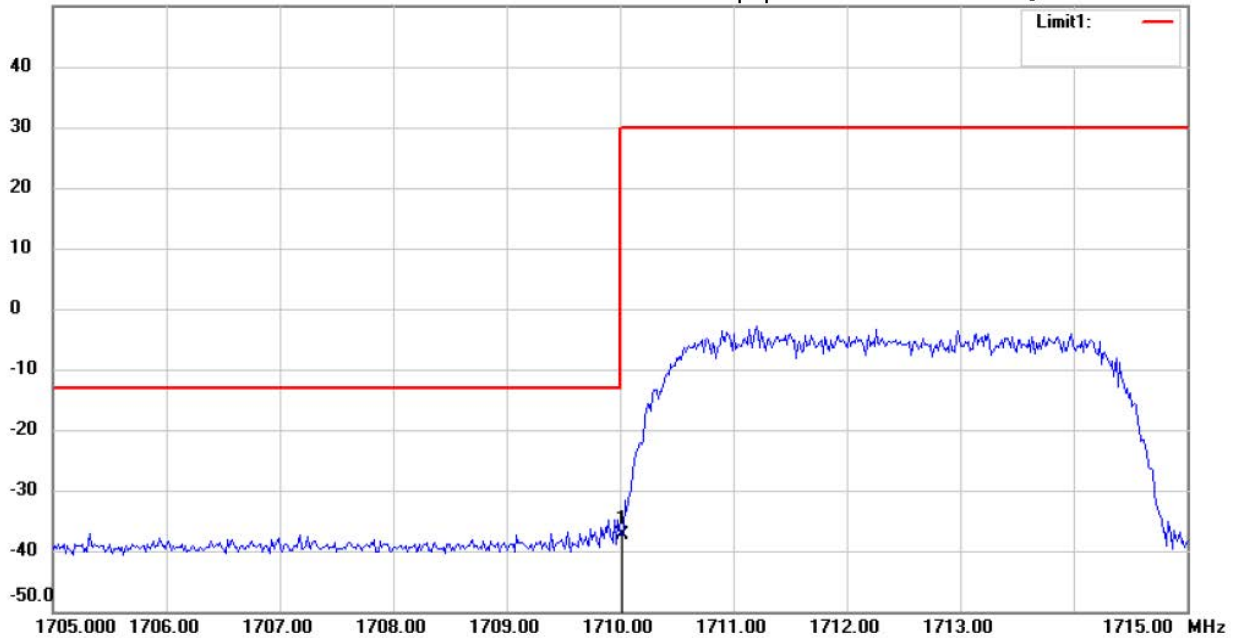
Date: 2018/5/31

Temperature:24 °C

Time: 下午 03:38:24

Humidity:60 %

50.0 dBm



Site : Chamber

Condition : FCC_part 27 Bandedge_WCDMA_Bnad4

Polarization: *Horizontal*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND4 CH1312 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1710.016	-79.72	peak	42.38	-37.34	30.00	150	109	-67.34	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :1312BANDEGE

Data :#2

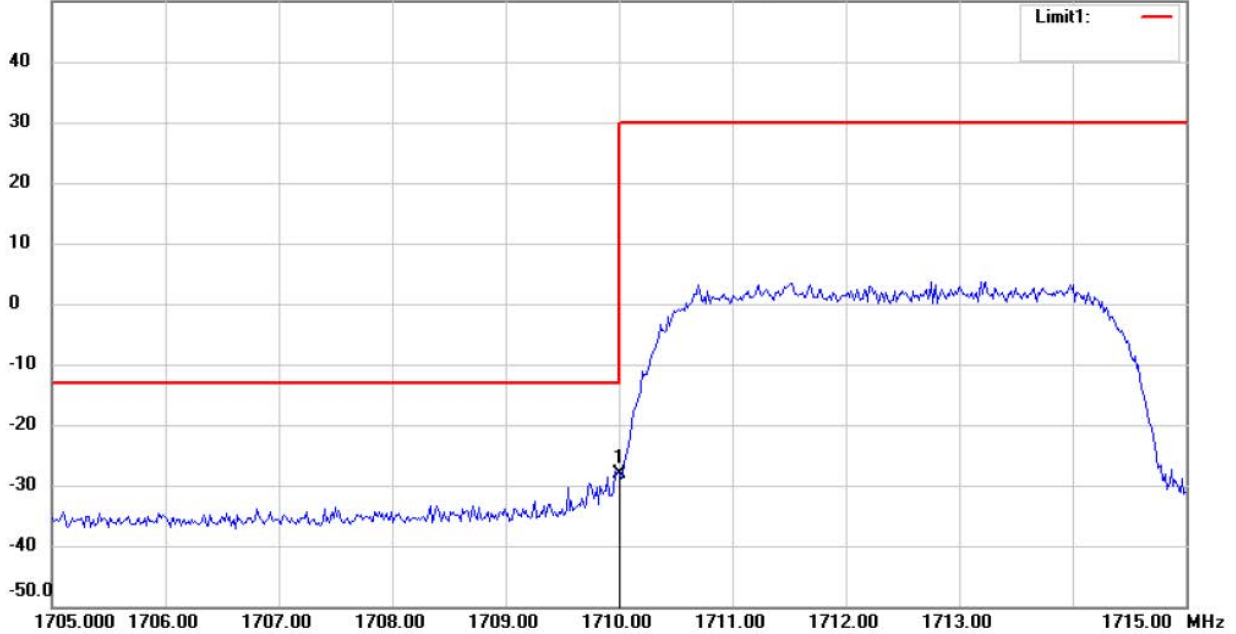
Date: 2018/5/31

Temperature:24 °C

50.0 dBm

Time: 下午 04:03:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 27 Bandedge_WCDMA_Bnad4

Polarization: *Vertical*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND4 CH1312 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1710.000	-73.93	peak	45.83	-28.10	-13.00	150	165	-15.10	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :1513BANDEGE

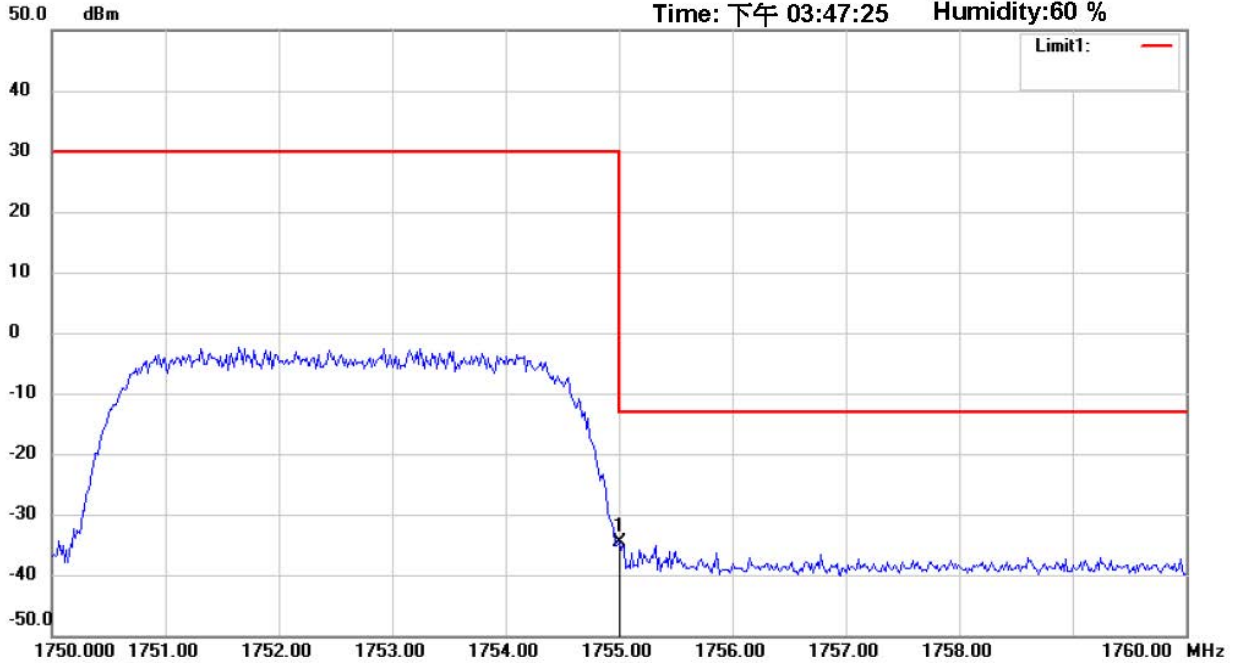
Data :#1

Date: 2018/5/31

Temperature:24 °C

Time: 下午 03:47:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 27 Bandedge_WCDMA_Bnad4

Polarization: *Horizontal*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND4 CH1513 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1755.000	-77.39	peak	42.78	-34.61	-13.00	150	102	-21.61	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :1513BANDEGE

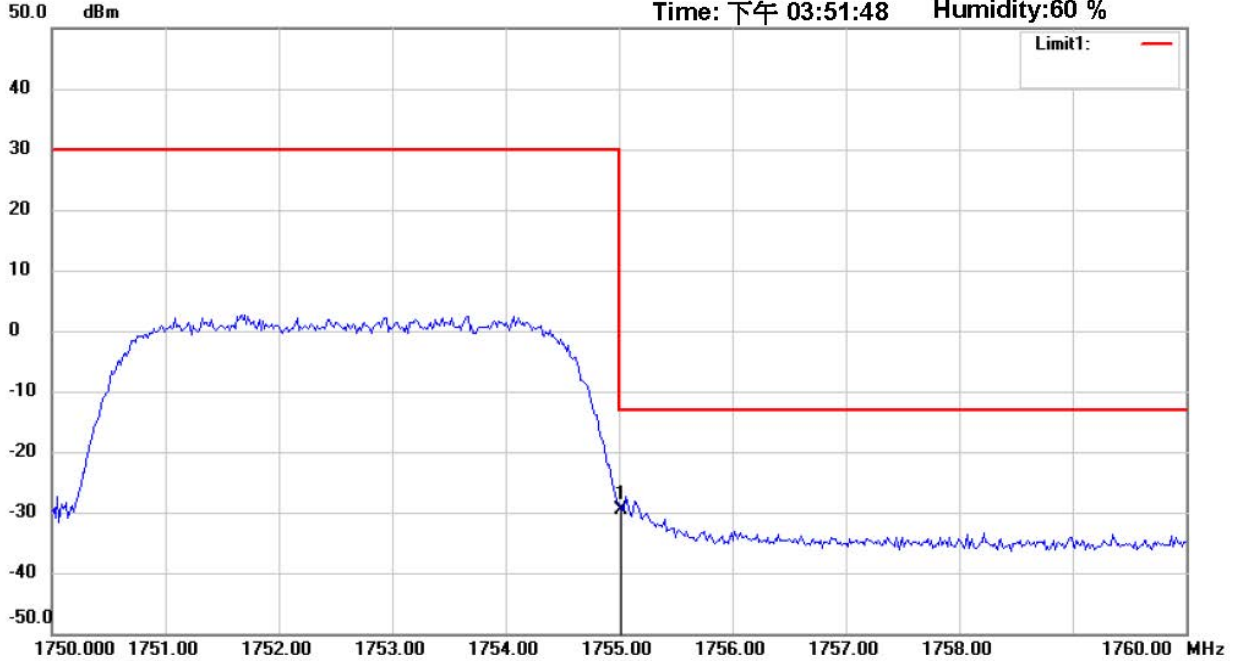
Data :#2

Date: 2018/5/31

Temperature:24 °C

Time: 下午 03:51:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 27 Bandedge_WCDMA_Bnad4

Polarization: *Vertical*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND4 CH1513 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1755.016	-75.56	peak	46.02	-29.54	-13.00	150	198	-16.54	

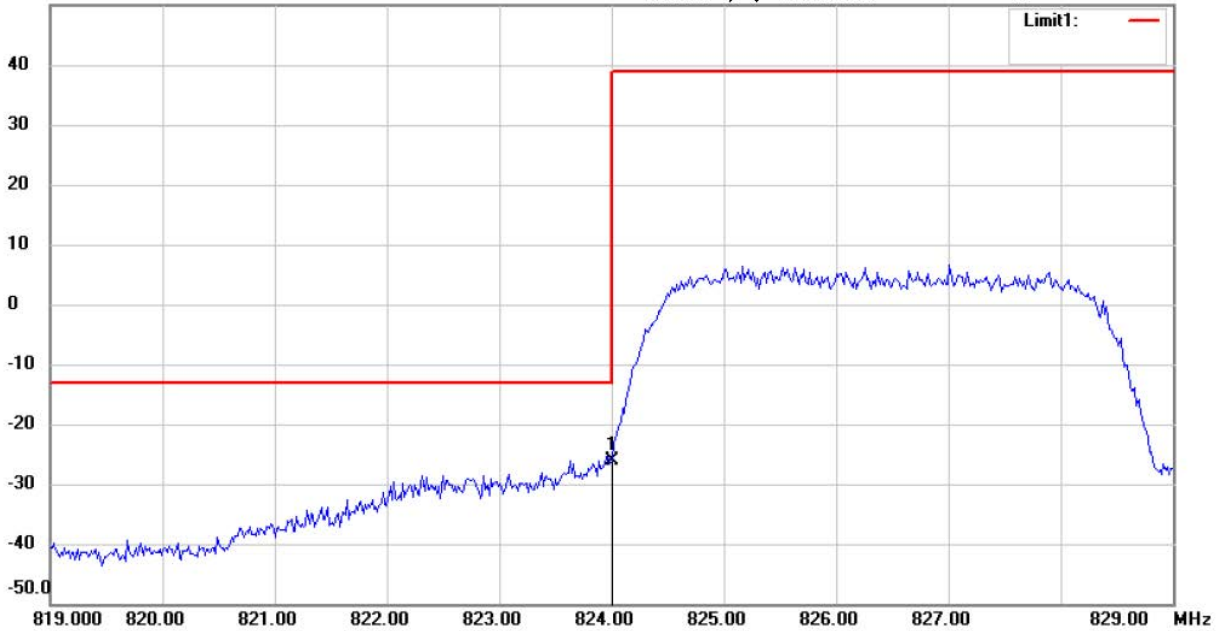


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Band 5

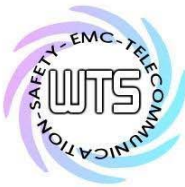
Radiated Emission Measurement

File :4132BANDEDGE Data :#1 Date: 2018/5/31 Operator: Spencer
 50.0 dBm Time: 下午 03:17:11 Temperature:24 °C Humidity:60 %



Site : Chamber
 Condition : FCC_part 22 Bandedge Polarization: *Horizontal*
 EUT : W6R21805-18133 Power : 120V A.C.
 M/N:
 Test Mode : WCDMA BAND5 CH4132 BANDEDGE Distance: 3m
 Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	824.0000	-62.07	peak	35.96	-26.11	-13.00	150	198	-13.11	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :4132BANDEGE

Data :#2

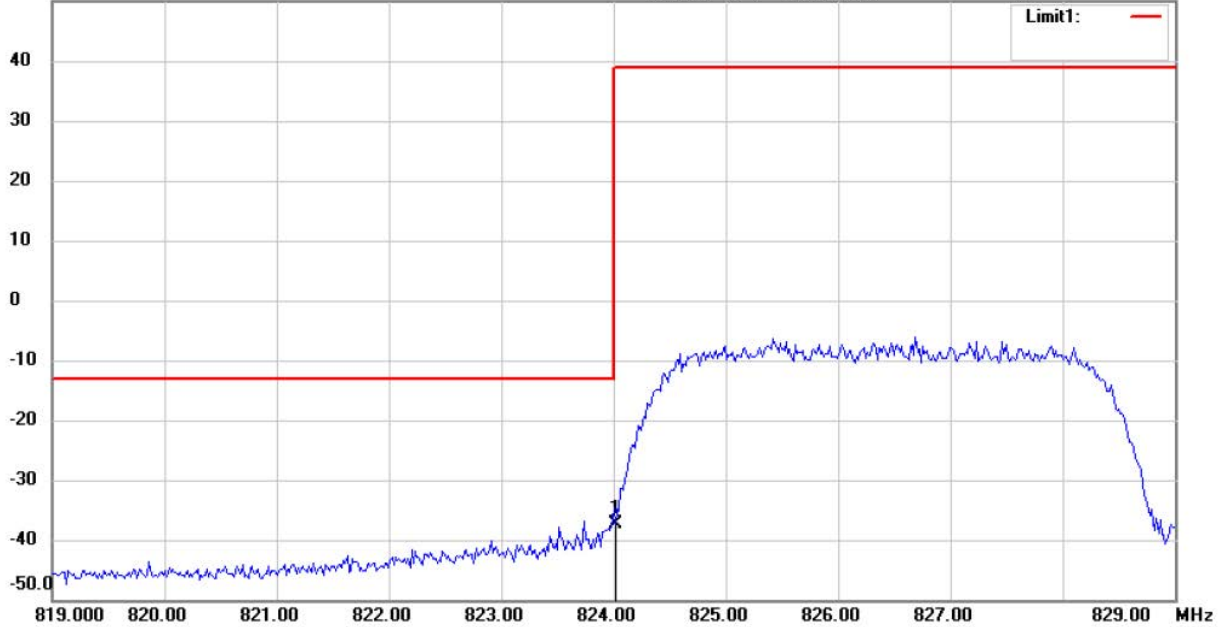
Date: 2018/5/31

Temperature:24 °C

50.0 dBm

Time: 下午 03:19:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

Polarization: *Vertical*

EUT : W6R21805-18133

Power : 120V A.C.

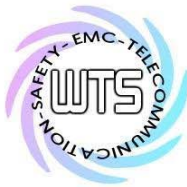
M/N:

Distance: 3m

Test Mode : WCDMA BAND5 CH4132 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	824.0160	-73.30	peak	35.90	-37.40	39.00	150	109	-76.40	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :4233BANDEGE

Data :#1

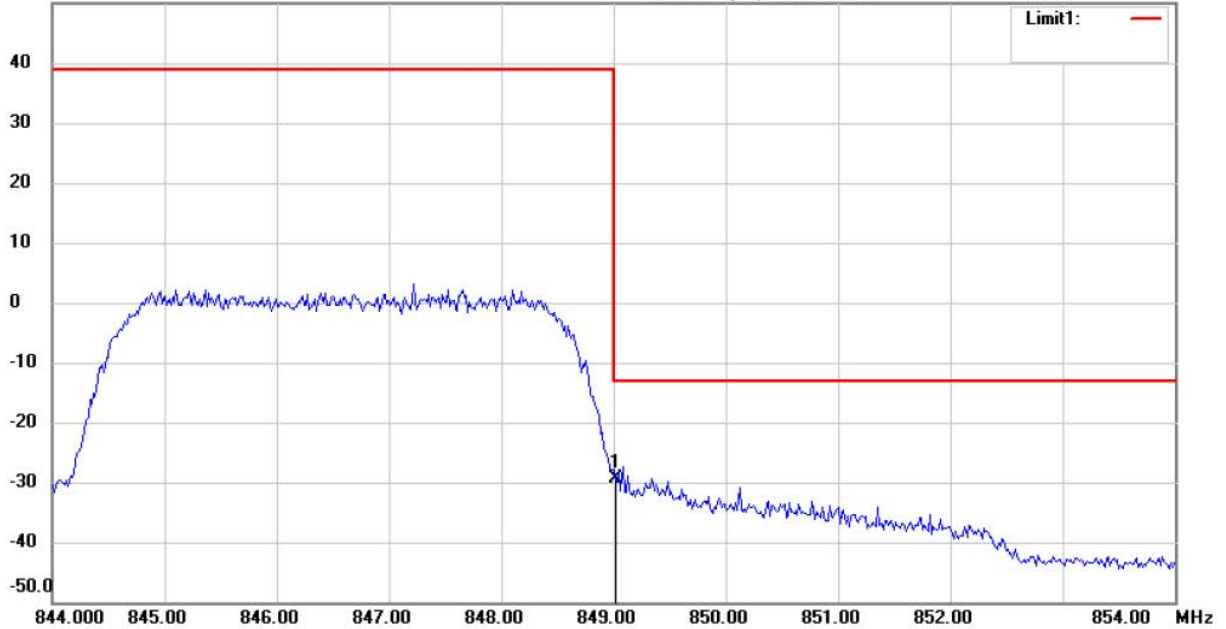
Date: 2018/5/31

Temperature:24 °C

50.0 dBm

Time: 下午 03:04:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

Polarization: *Horizontal*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND5 CH4233 BANDEGE

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0160	-65.70	peak	36.41	-29.29	-13.00	150	196	-16.29	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3

Radiated Emission Measurement

Operator: Spencer

File :4233BANDEGE

Data :#2

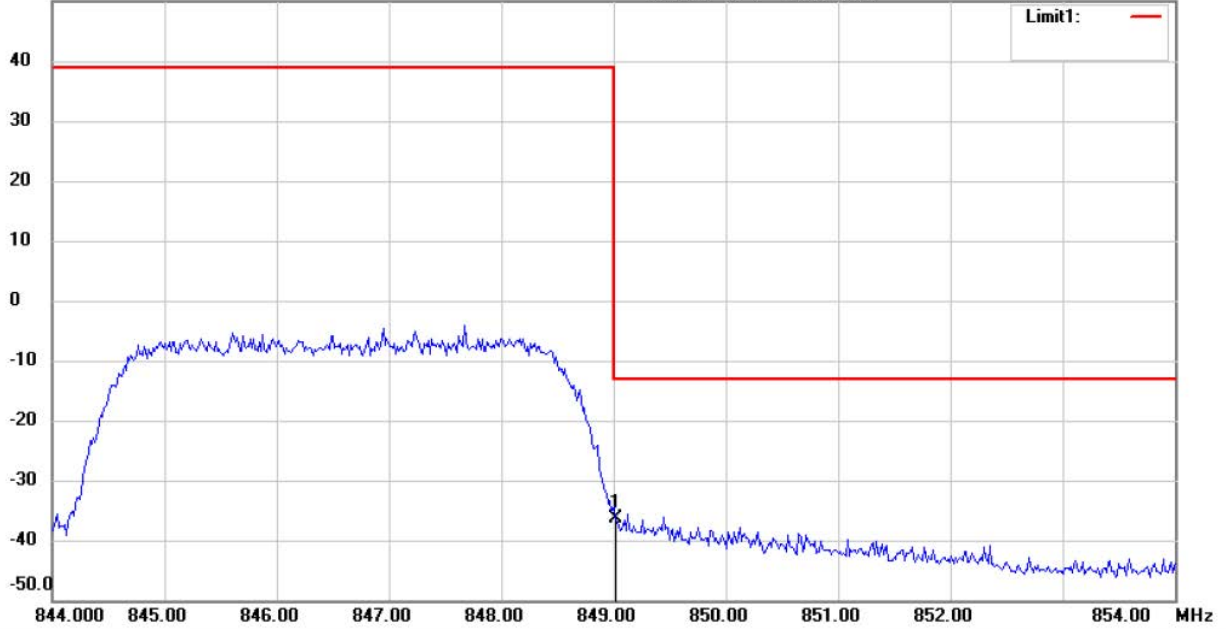
Date: 2018/5/31

Temperature:24 °C

50.0 dBm

Time: 下午 03:22:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

Polarization: *Vertical*

EUT : W6R21805-18133

Power : 120V A.C.

M/N:

Distance: 3m

Test Mode : WCDMA BAND5 CH4233 BANDEGE

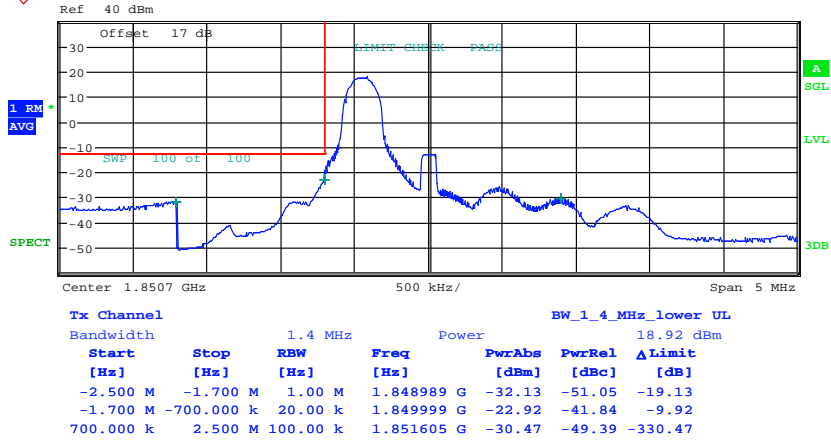
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0160	-73.10	peak	36.74	-36.36	-13.00	150	176	-23.36	

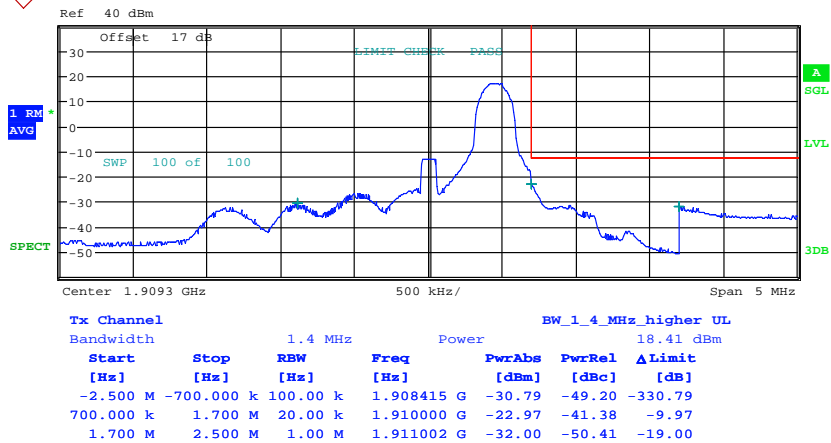


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 LTE
 Band 2
 1.4 MHz QPSK



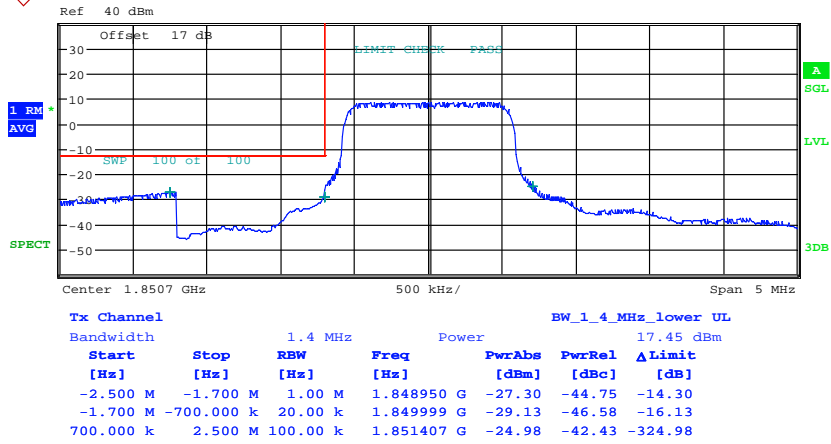
Bandedge Band2 QPSK 1RB 1.4MHz CH18607
 Date: 10.AUG.2017 16:16:51



Bandedge Band2 QPSK 1RB 1.4MHz CH19193
 Date: 10.AUG.2017 17:50:04

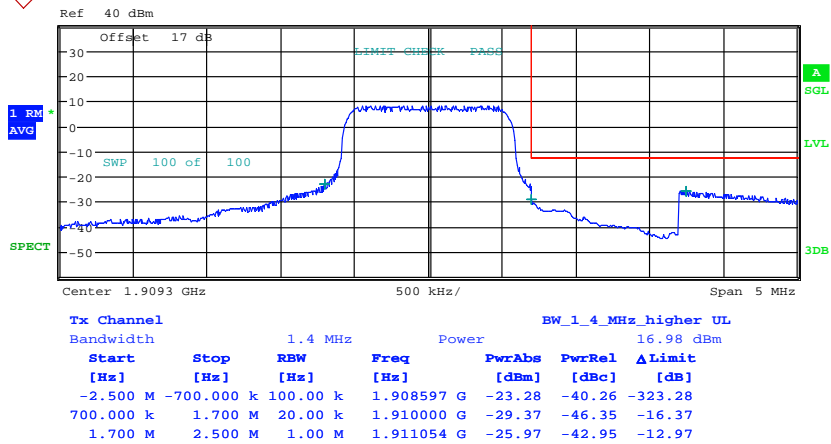


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



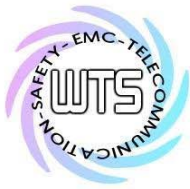
Bandedge Band2 QPSK FRB 1.4MHz CH18607

Date: 10.AUG.2017 16:14:28



Bandedge Band2 QPSK FRB 1.4MHz CH19193

Date: 10.AUG.2017 17:52:06

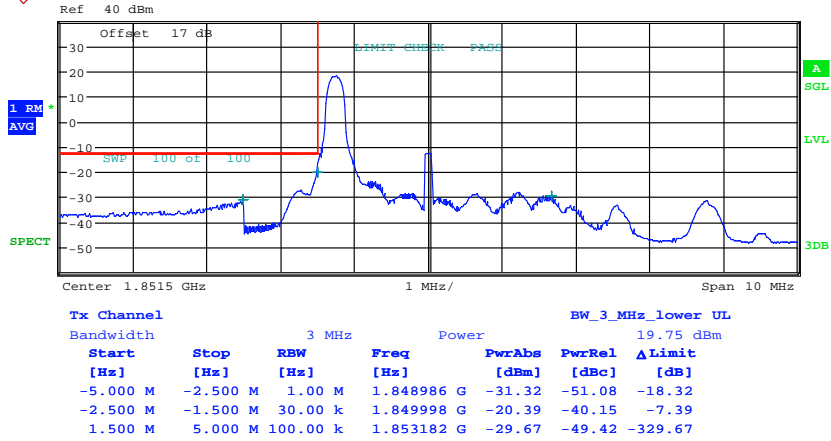


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

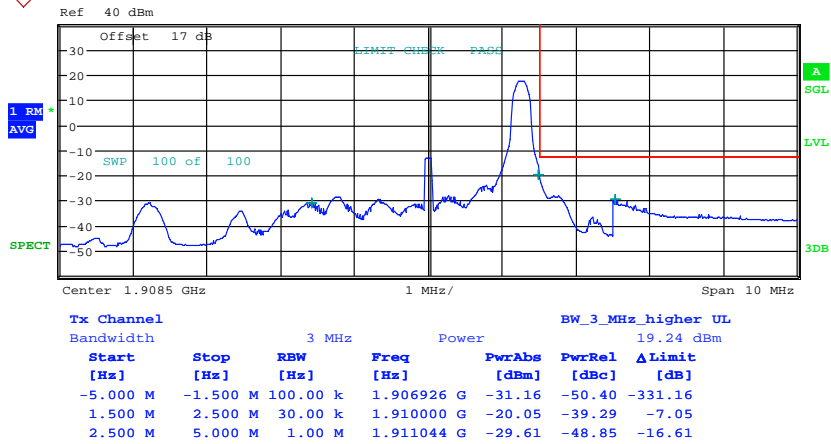
FCC ID: GX9FPHUB3

3 MHz QPSK



Bandedge Band2 QPSK 1RB 3MHz CH18615

Date: 11.AUG.2017 10:58:41

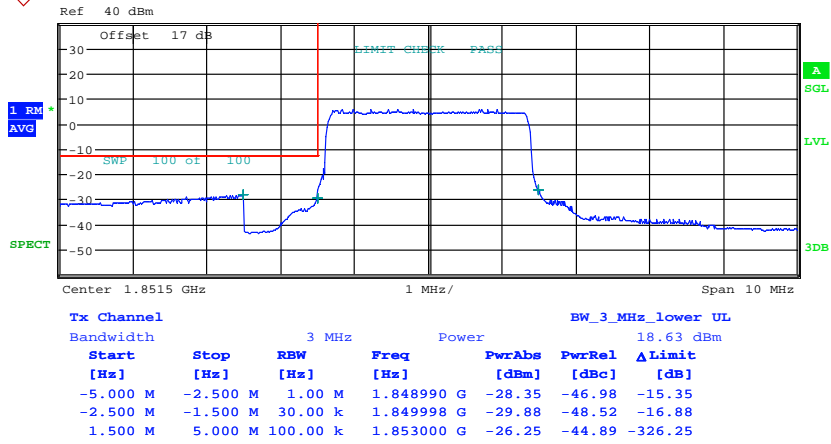


Bandedge Band2 QPSK 1RB 3MHz CH19185

Date: 11.AUG.2017 11:33:17

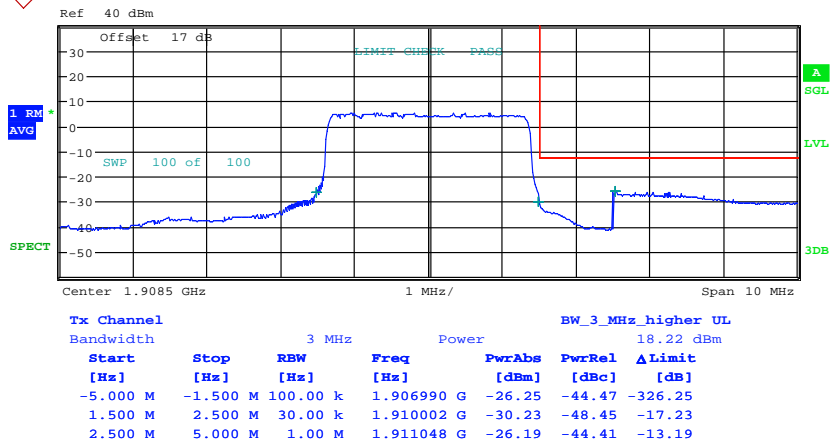


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



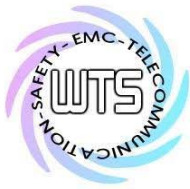
Bandedge Band2 QPSK FRB 3MHz CH18615

Date: 11.AUG.2017 10:59:59



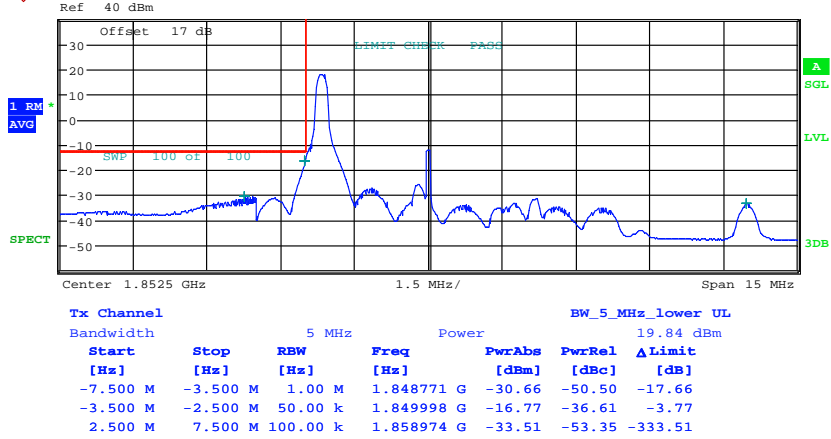
Bandedge Band2 QPSK FRB 3MHz CH19185

Date: 11.AUG.2017 11:34:37

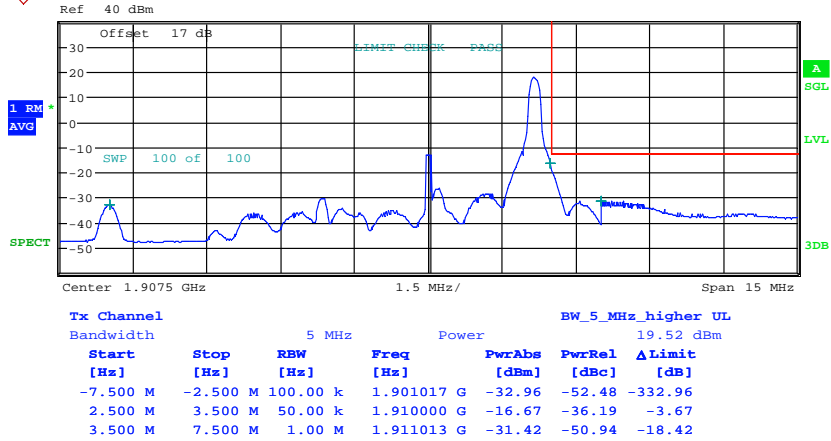


Worldwide Testing Services(Taiwan) Co., Ltd.

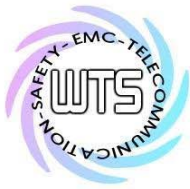
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz QPSK



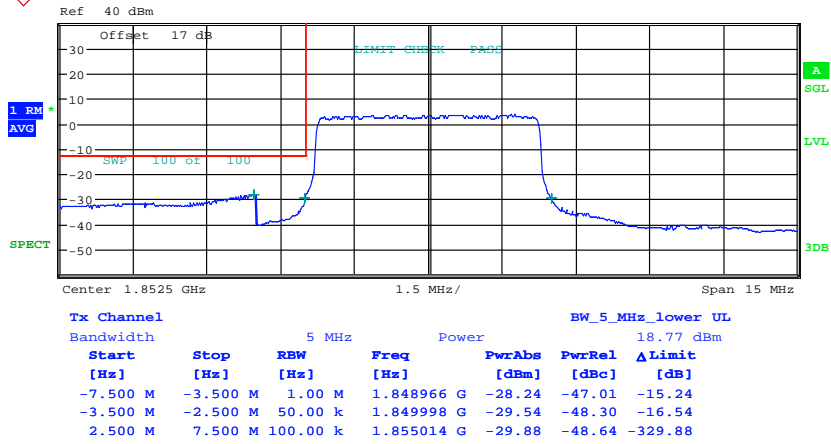
Bandedge Band2 QPSK 1RB 5MHz CH18625
 Date: 11.AUG.2017 14:06:26



Bandedge Band2 QPSK 1RB 5MHz CH19175
 Date: 11.AUG.2017 15:28:03

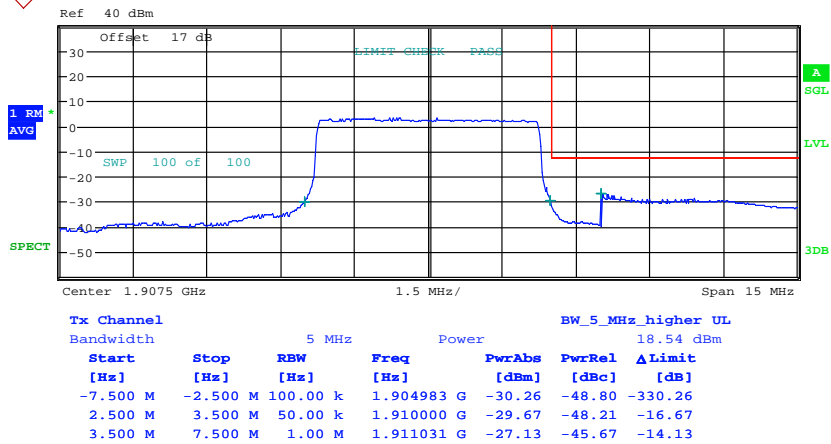


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



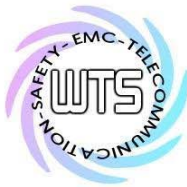
Bandedge Band2 QPSK FRB 5MHz CH18625

Date: 11.AUG.2017 14:05:21



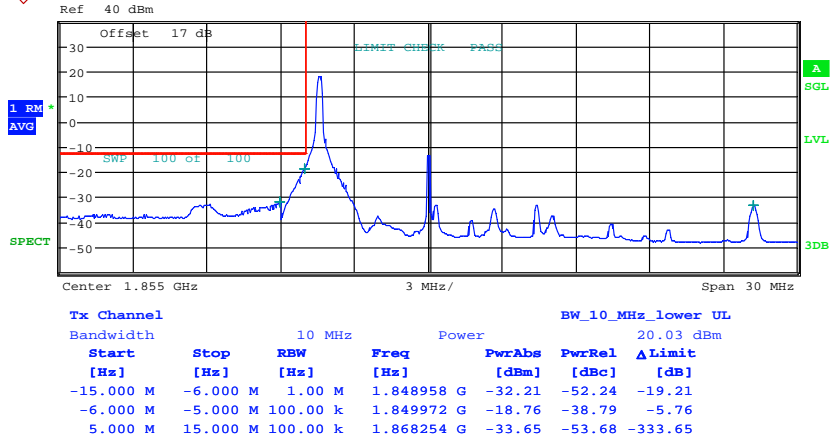
Bandedge Band2 QPSK FRB 5MHz CH19175

Date: 11.AUG.2017 15:26:31

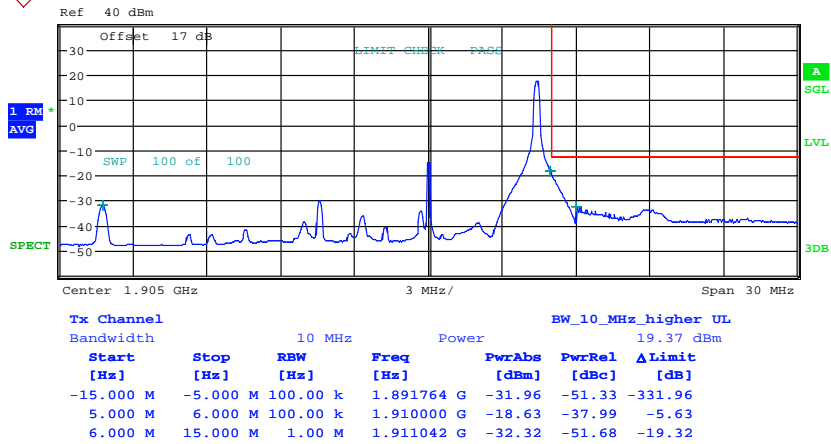


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 10 MHz QPSK



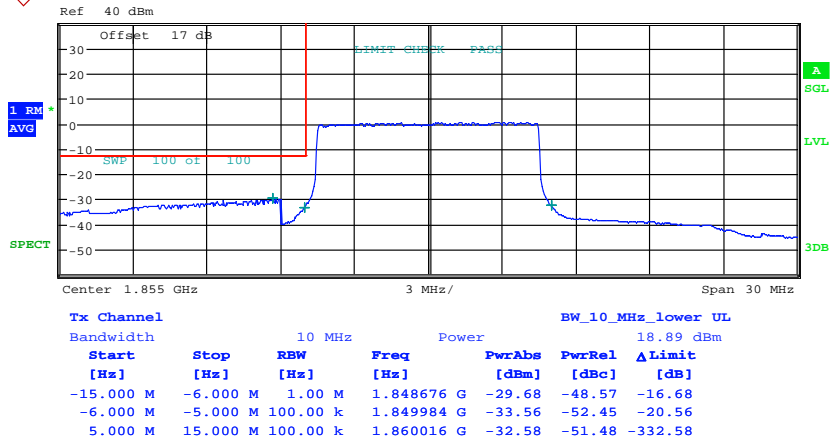
Bandedge Band2 QPSK 1RB 10MHz CH18650
 Date: 11.AUG.2017 16:12:17



Bandedge Band2 QPSK 1RB 10MHz CH19150
 Date: 11.AUG.2017 17:07:01

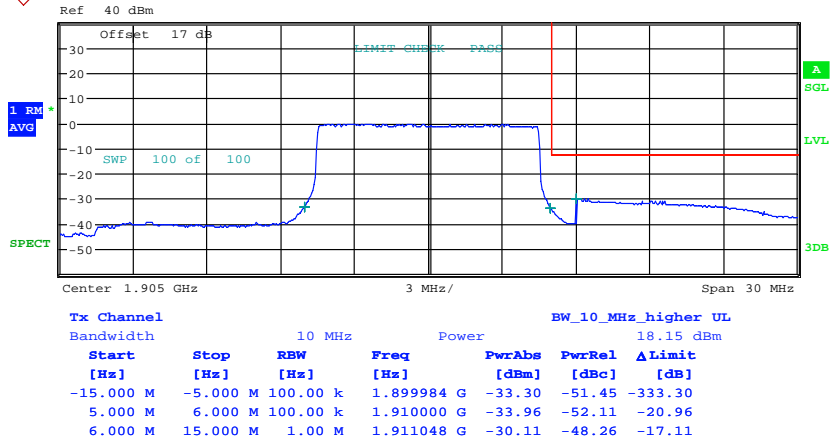


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 QPSK FRB 10MHz CH18650

Date: 11.AUG.2017 16:10:55



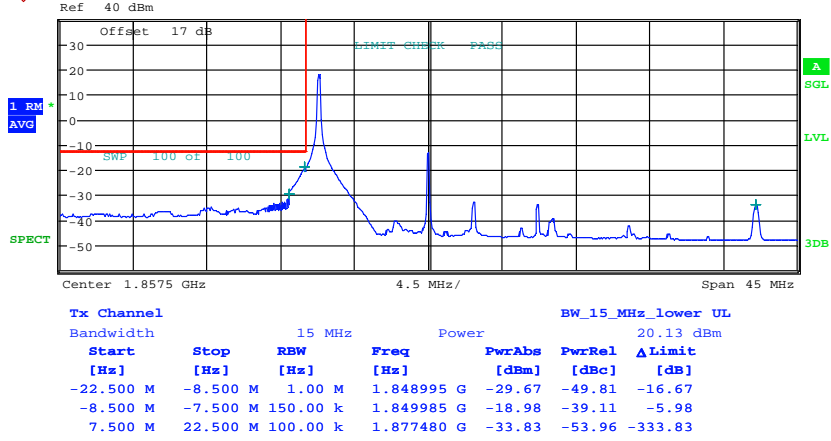
Bandedge Band2 QPSK FRB 10MHz CH19150

Date: 11.AUG.2017 17:08:25

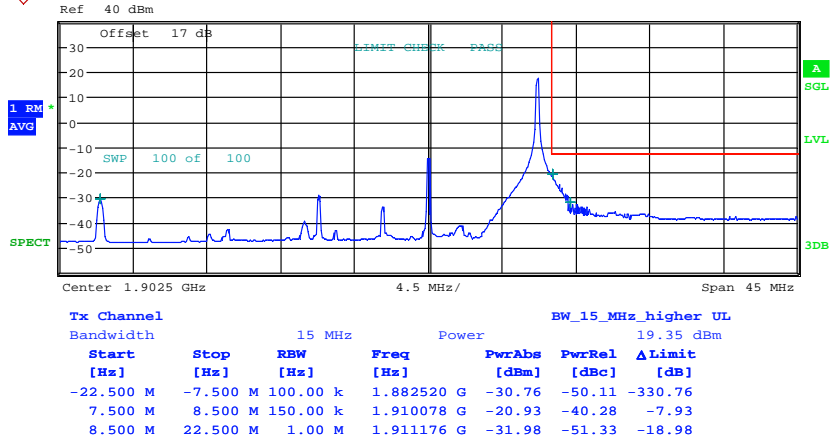


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 15 MHz QPSK



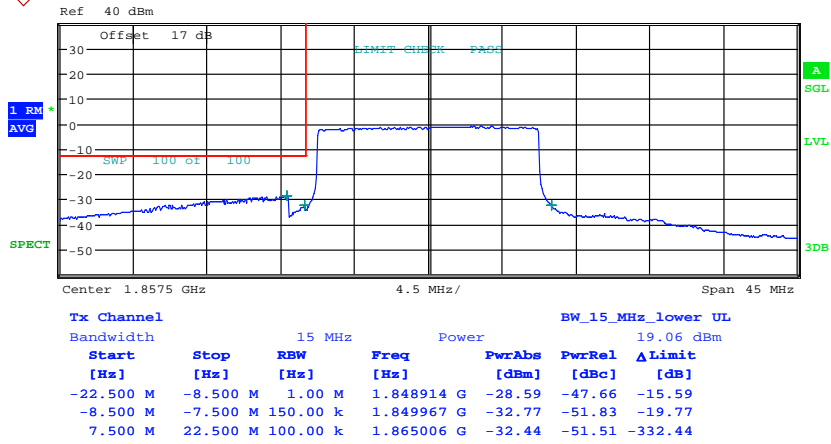
Bandedge Band2 QPSK 1RB 15MHz CH18675
 Date: 11.AUG.2017 17:17:41



Bandedge Band2 QPSK 1RB 15MHz CH19125
 Date: 11.AUG.2017 17:49:17

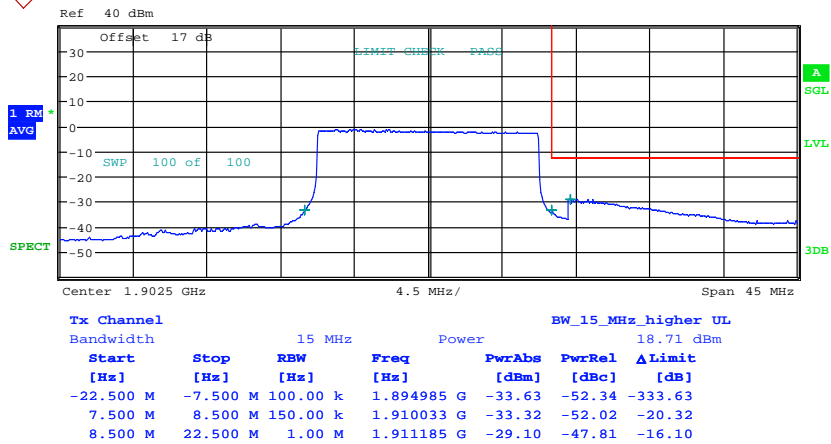


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 QPSK FRB 15MHz CH18675

Date: 11.AUG.2017 17:15:59



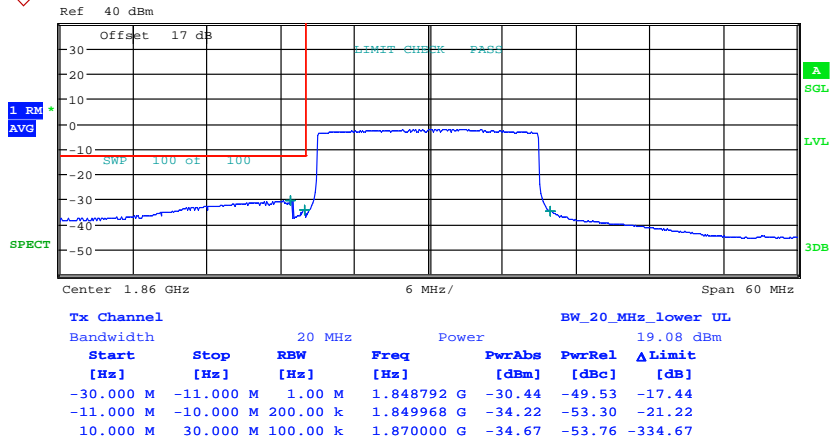
Bandedge Band2 QPSK FRB 15MHz CH19125

Date: 11.AUG.2017 17:50:59

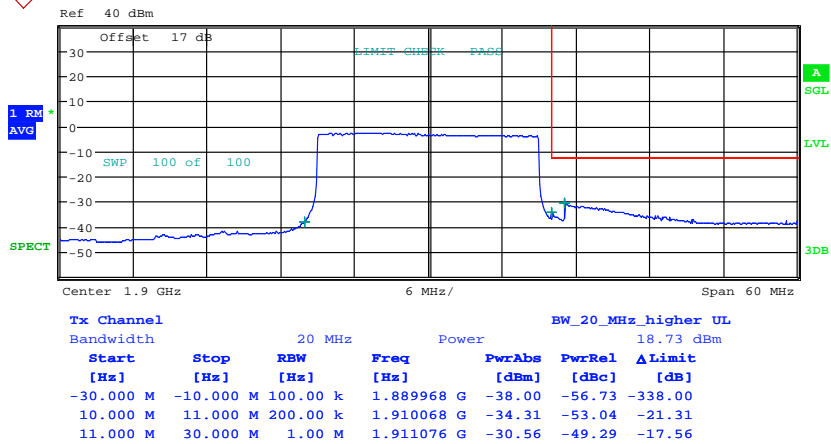


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 QPSK FRB 20MHz CH18700
 Date: 11.AUG.2017 17:57:11



Bandedge Band2 QPSK FRB 20MHz CH19100
 Date: 11.AUG.2017 18:37:16

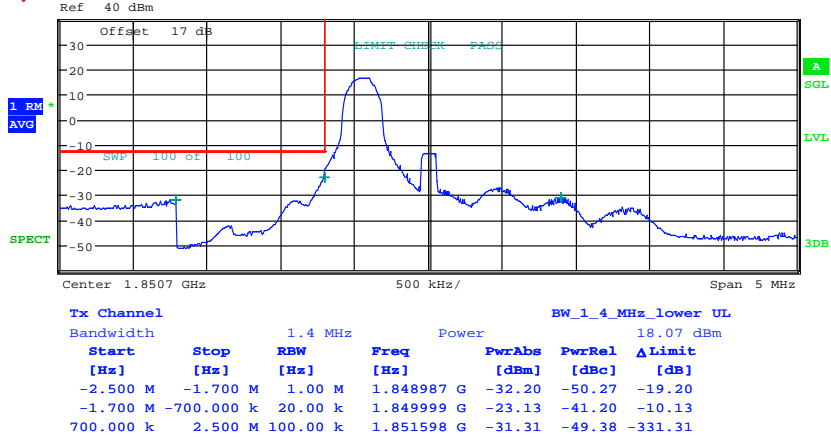


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

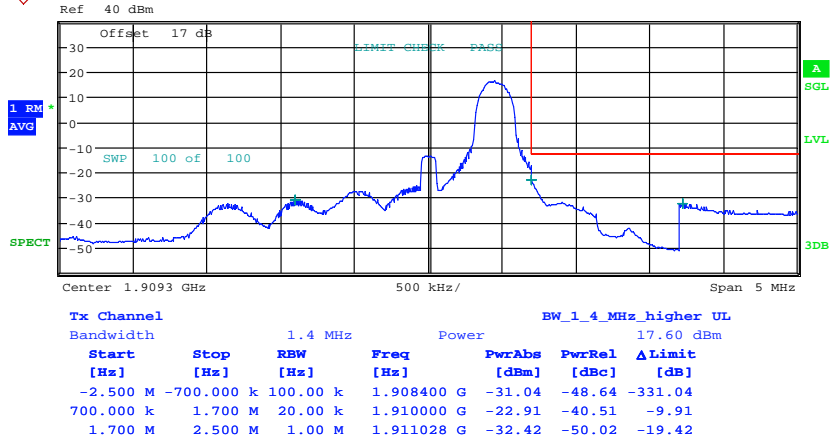
FCC ID: GX9FPHUB3

1.4 MHz 16QAM



Bandedge Band2 16QAM 1RB 1.4MHz CH18607

Date: 10.AUG.2017 16:09:27

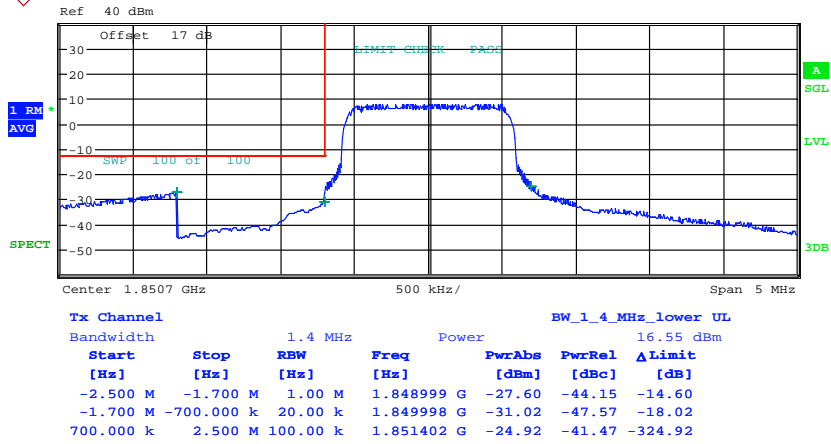


Bandedge Band2 16QAM 1RB 1.4MHz CH19193

Date: 10.AUG.2017 17:47:28

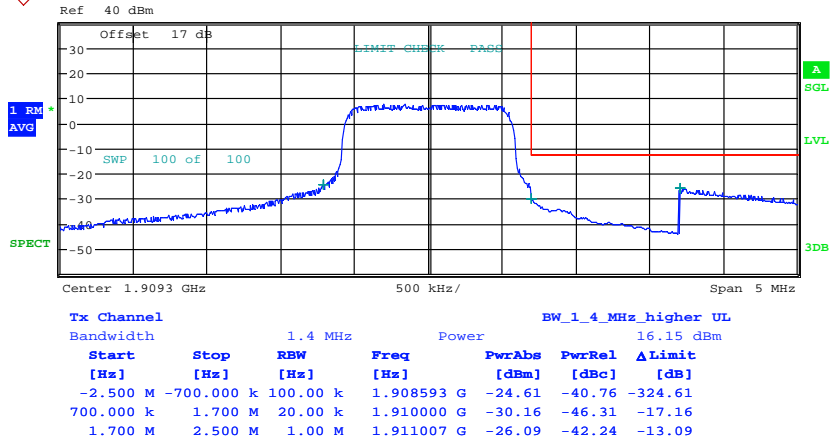


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



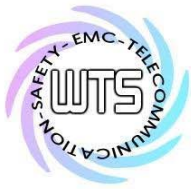
Bandedge Band2 16QAM FRB 1.4MHz CH18607

Date: 10.AUG.2017 16:11:13



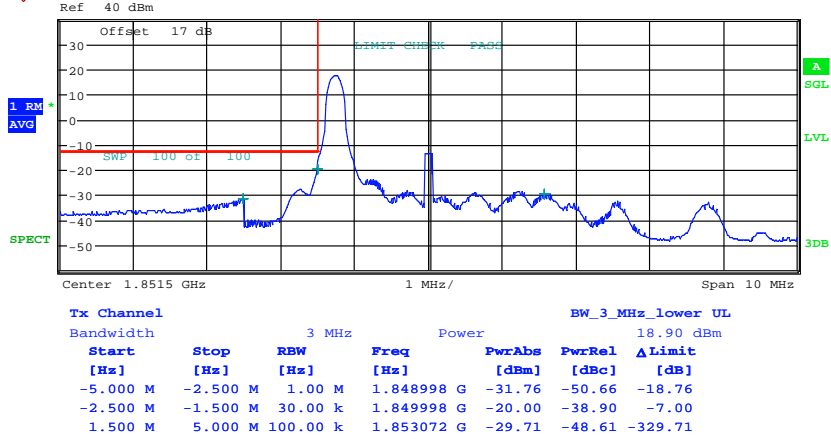
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Date: 10.AUG.2017 17:45:44

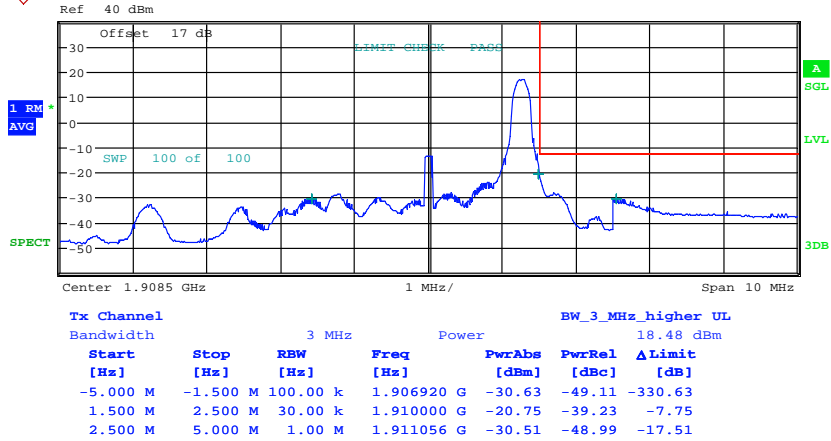


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 3 MHz 16QAM



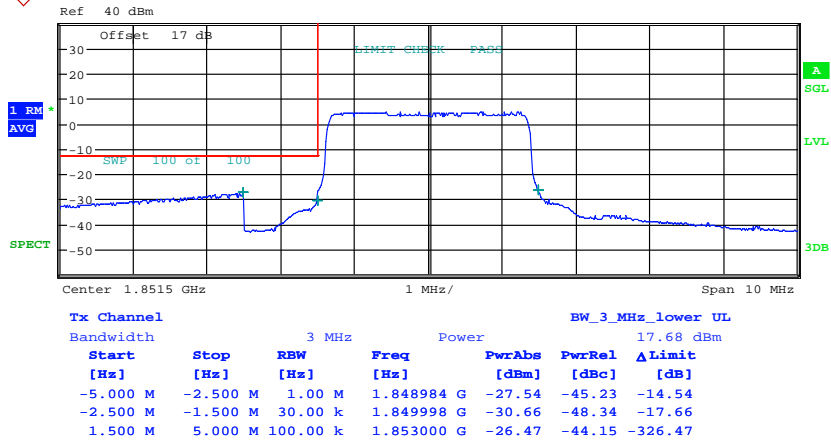
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 Date: 11.AUG.2017 11:02:27



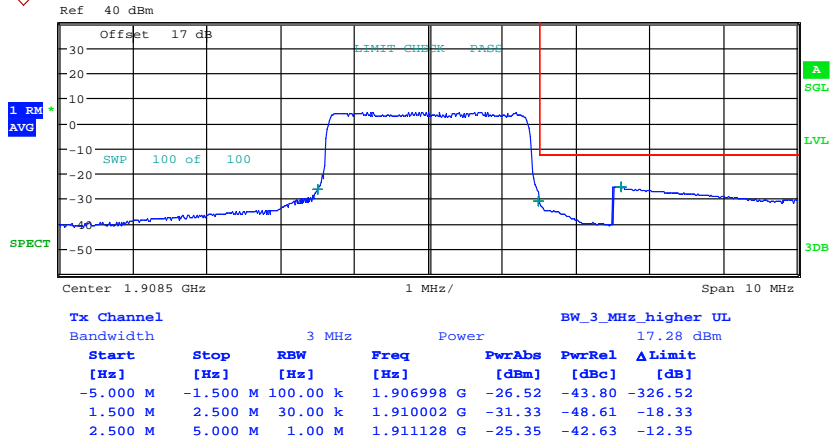
Bandedge Band2 16QAM 1RB 3MHz CH19185
 Date: 11.AUG.2017 11:37:14



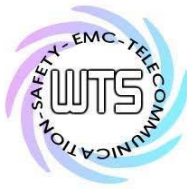
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 16QAM FRB 3MHz CH18615
 Date: 11.AUG.2017 11:01:16

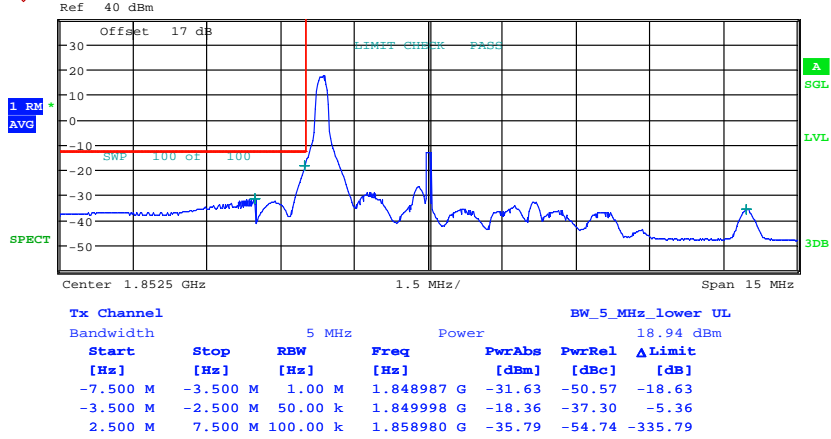


Bandedge Band2 16QAM FRB 3MHz CH19185
 Date: 11.AUG.2017 11:36:03

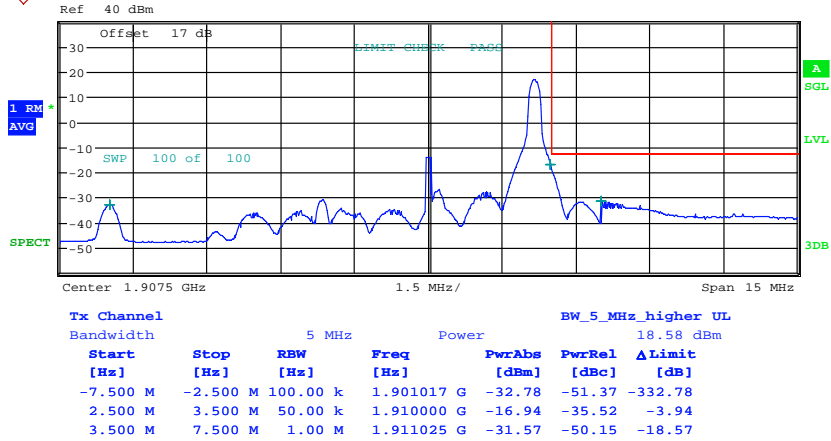


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz 16QAM



Bandedge Band2 16QAM 1RB 5MHz CH18625
 Date: 11.AUG.2017 14:07:35

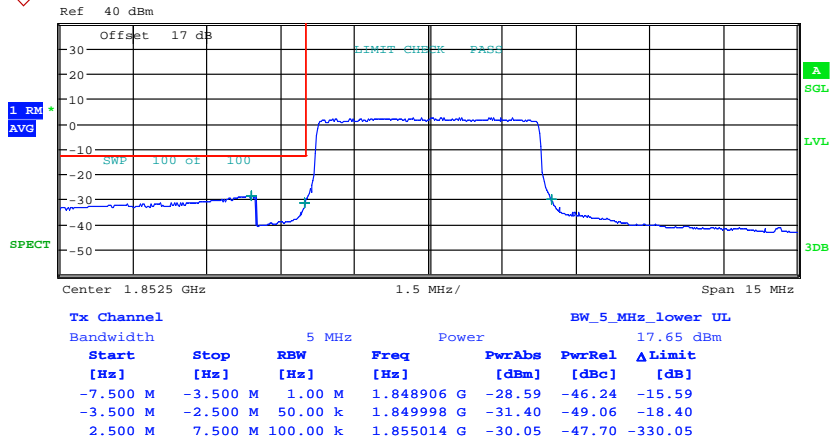


Bandedge Band2 16QAM 1RB 5MHz CH19175
 Date: 11.AUG.2017 15:29:29



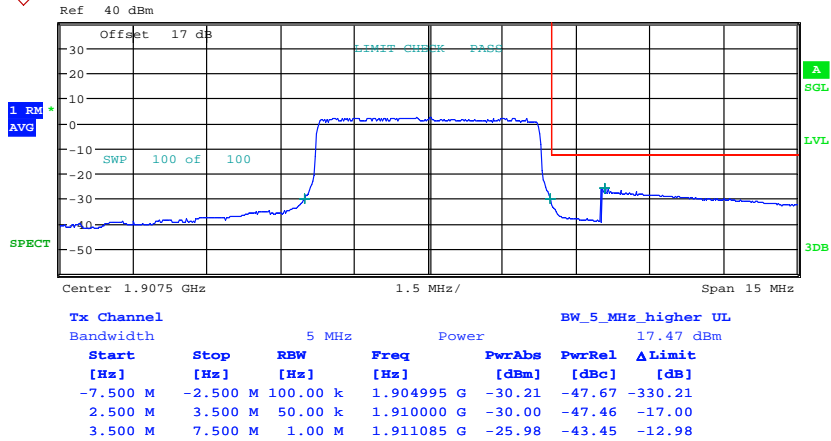
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



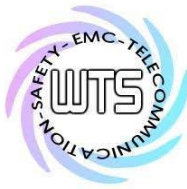
Bandedge Band2 16QAM FRB 5MHz CH18625

Date: 11.AUG.2017 14:08:39



Bandedge Band2 16QAM FRB 5MHz CH19175

Date: 11.AUG.2017 15:30:52

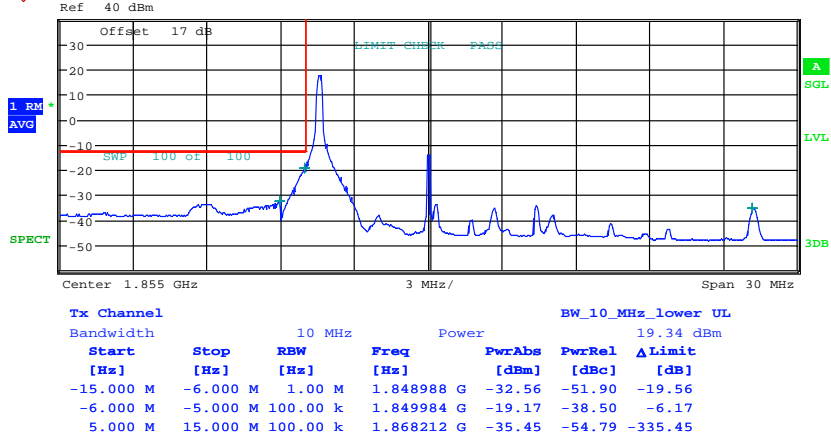


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

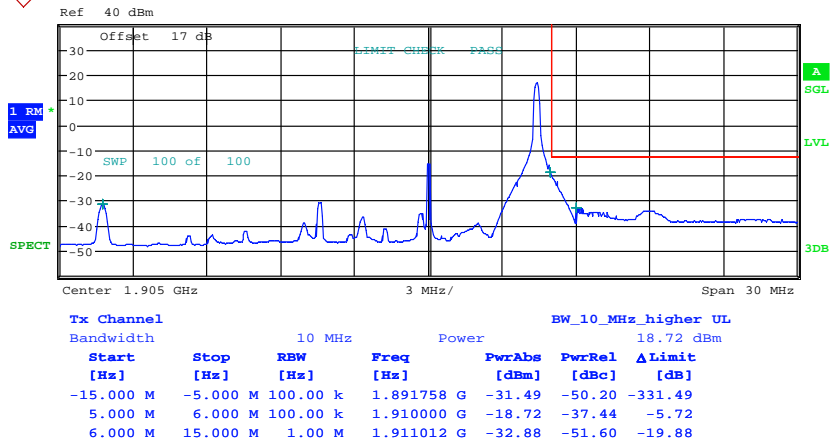
FCC ID: GX9FPHUB3

10 MHz 16QAM



Bandedge Band2 16QAM 1RB 10MHz CH18650

Date: 11.AUG.2017 16:13:43



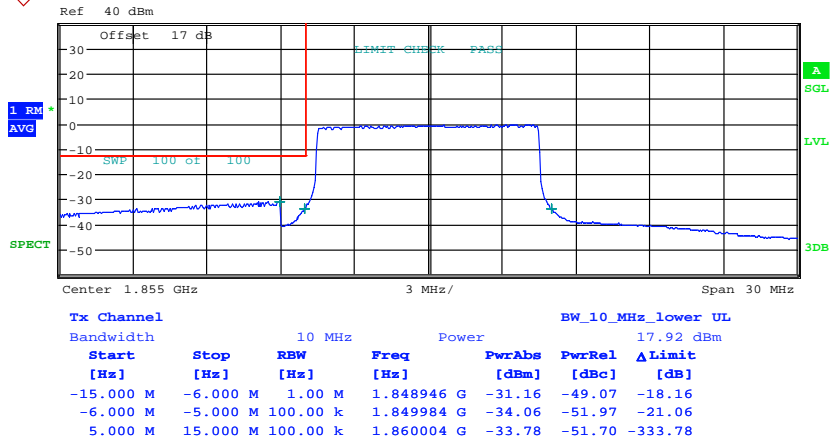
Bandedge Band2 16QAM 1RB 10MHz CH19150

Date: 11.AUG.2017 17:05:30



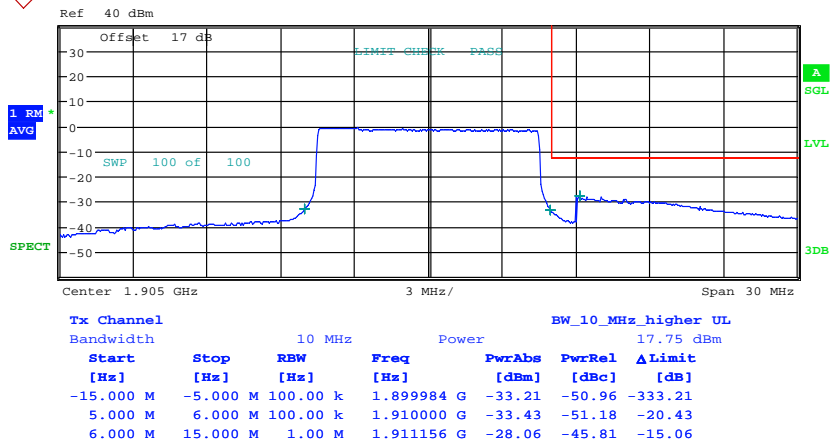
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



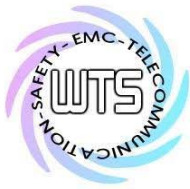
Bandedge Band2 16QAM FRB 10MHz CH18650

Date: 11.AUG.2017 16:15:06



Bandedge Band2 16QAM FRB 10MHz CH19150

Date: 11.AUG.2017 17:04:02

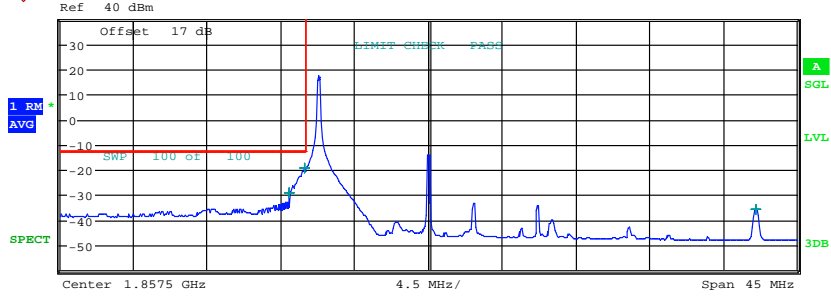


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

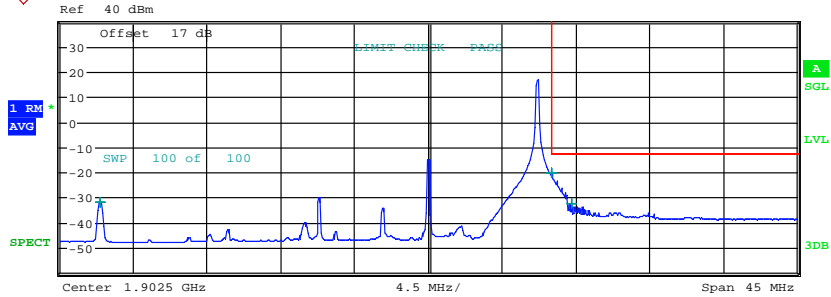
15 MHz 16QAM



Tx Channel				BW_15_MHz_lower UL		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]
-22.500 M	-8.500 M	1.00 M	1.848995 G	-29.42	-48.81	-16.42
-8.500 M	-7.500 M	150.00 k	1.849985 G	-19.49	-38.88	-6.49
7.500 M	22.500 M	100.00 k	1.877498 G	-35.64	-55.03	-335.64

Bandedge Band2 16QAM 1RB 15MHz CH18675

Date: 11.AUG.2017 17:19:25



Tx Channel				BW_15_MHz_higher UL		
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]
-22.500 M	-7.500 M	100.00 k	1.882502 G	-31.86	-50.64	-331.86
7.500 M	8.500 M	150.00 k	1.910042 G	-20.18	-38.95	-7.18
8.500 M	22.500 M	1.00 M	1.911248 G	-32.56	-51.34	-19.56

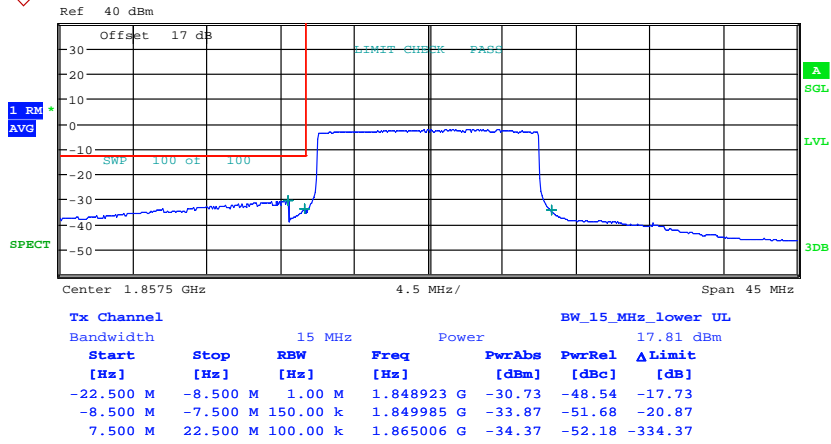
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Date: 11.AUG.2017 17:47:29

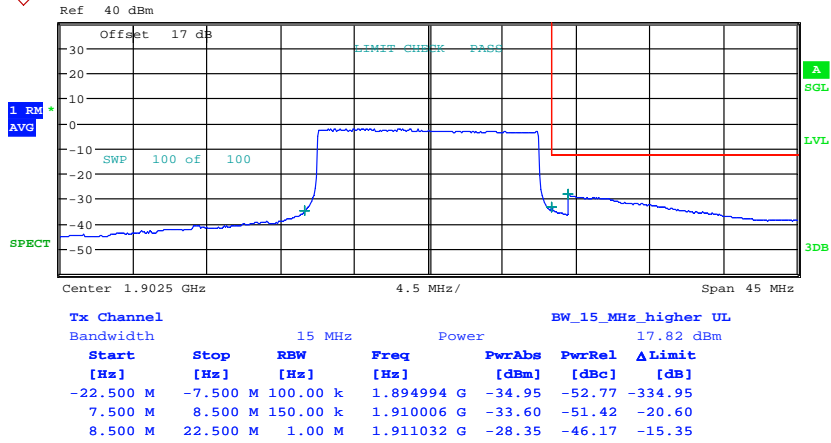


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



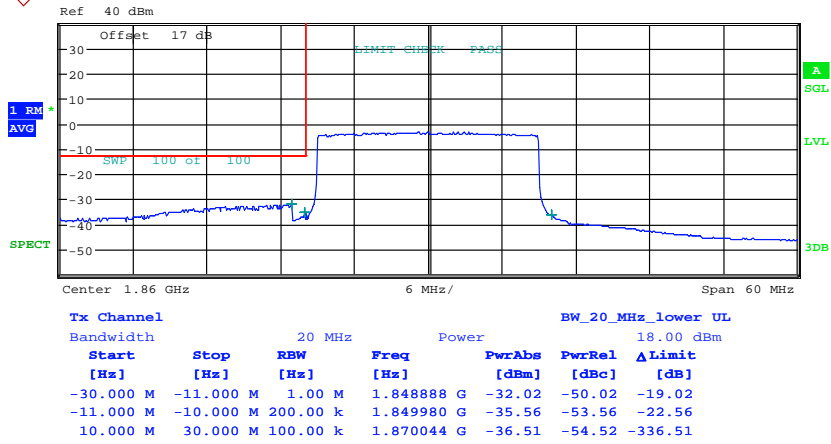
Bandedge Band2 16QAM FRB 15MHz CH18675
 Date: 11.AUG.2017 17:21:33



Bandedge Band2 16QAM FRB 15MHz CH19125
 Date: 11.AUG.2017 17:45:17

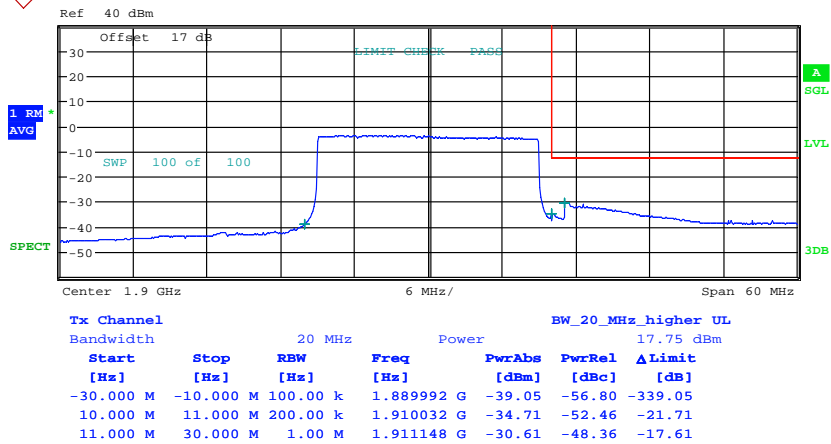


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 16QAM FRB 20MHz CH18700

Date: 11.AUG.2017 18:03:49



Bandedge Band2 16QAM FRB 20MHz CH19100

Date: 11.AUG.2017 18:31:08



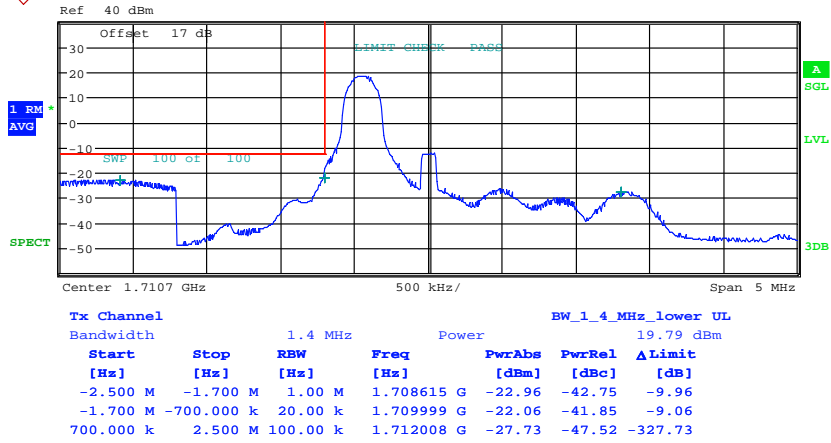
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

Band 4

1.4 MHz QPSK



Bandedge Band4 QPSK 1RB 1.4MHz CH19957

Date: 10.AUG.2017 17:35:28

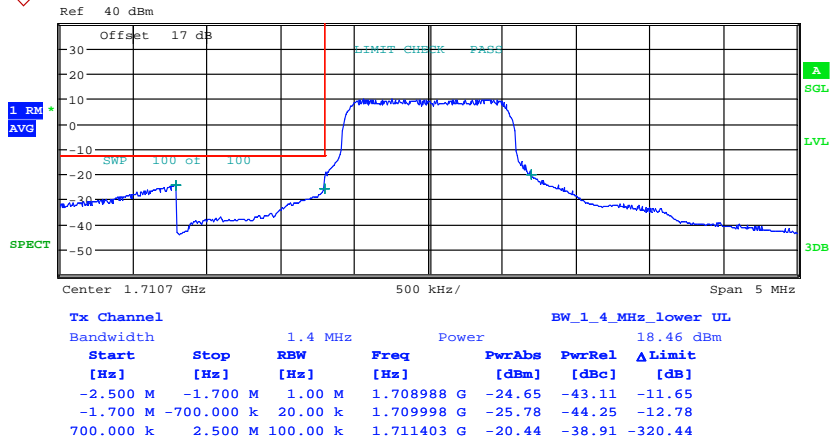


Bandedge Band4 QPSK 1RB 1.4MHz CH20393

Date: 10.AUG.2017 18:00:45

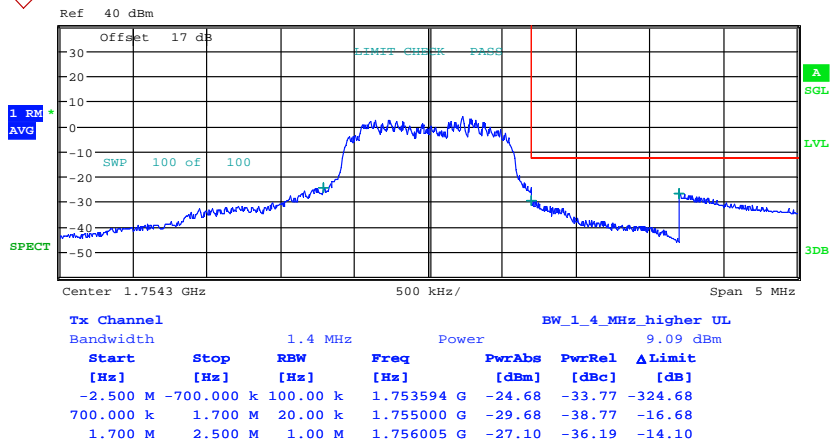


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



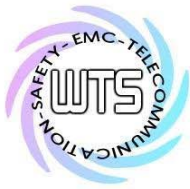
Bandedge Band4 QPSK FRB 1.4MHz CH19957

Date: 10.AUG.2017 17:25:39



Bandedge Band4 QPSK FRB 1.4MHz CH20393

Date: 10.AUG.2017 17:56:44

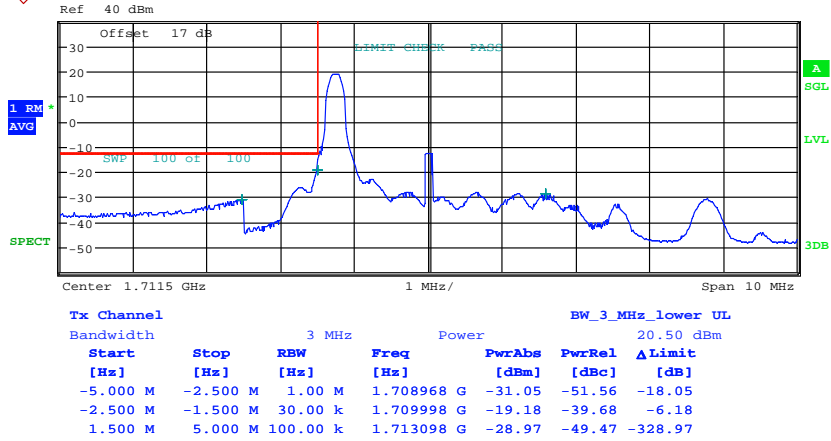


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

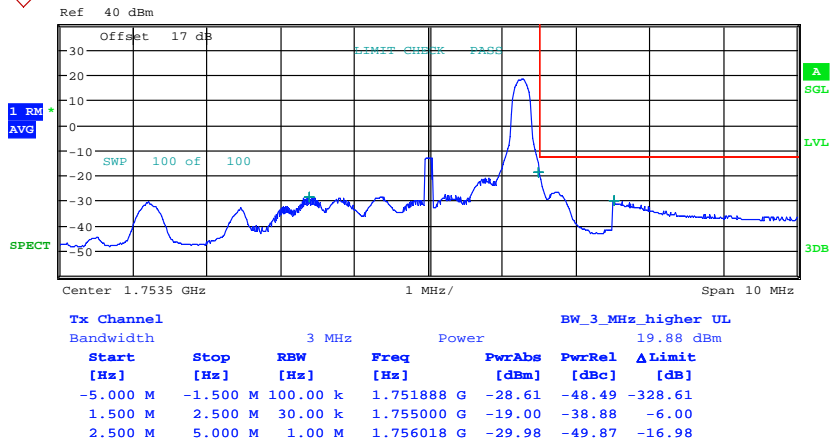
FCC ID: GX9FPHUB3

3 MHz QPSK



Bandedge Band4 QPSK 1RB 3MHz CH19965

Date: 11.AUG.2017 11:15:06

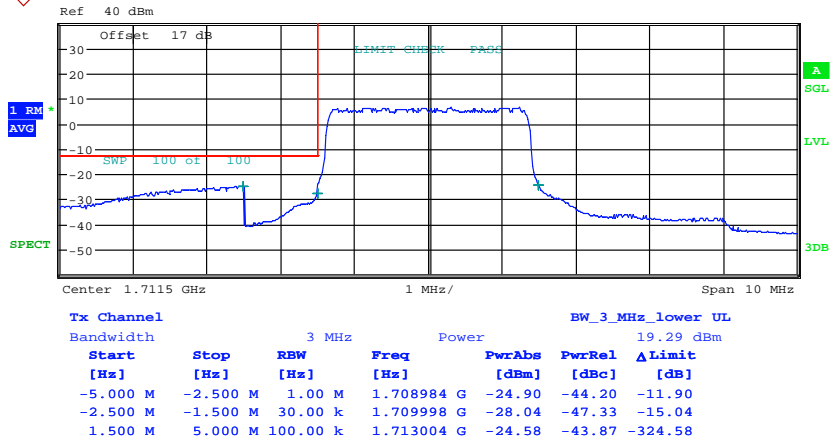


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Date: 11.AUG.2017 14:45:23

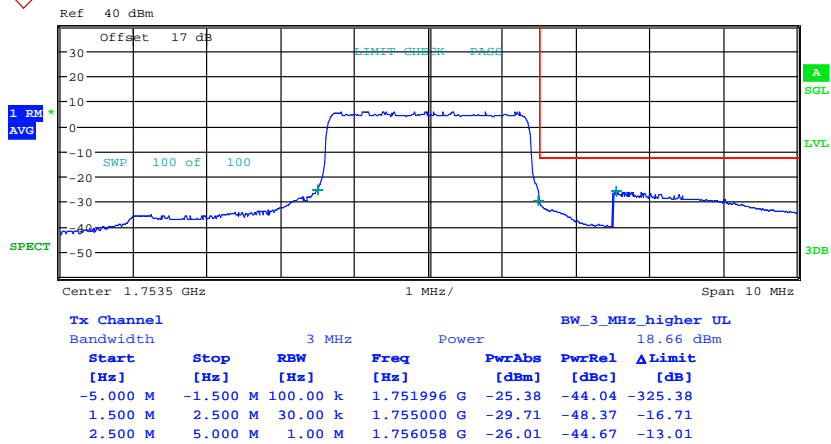


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



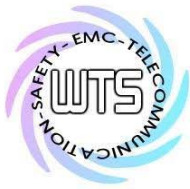
Bandedge Band4 QPSK FRB 3MHz CH19965

Date: 11.AUG.2017 11:13:53



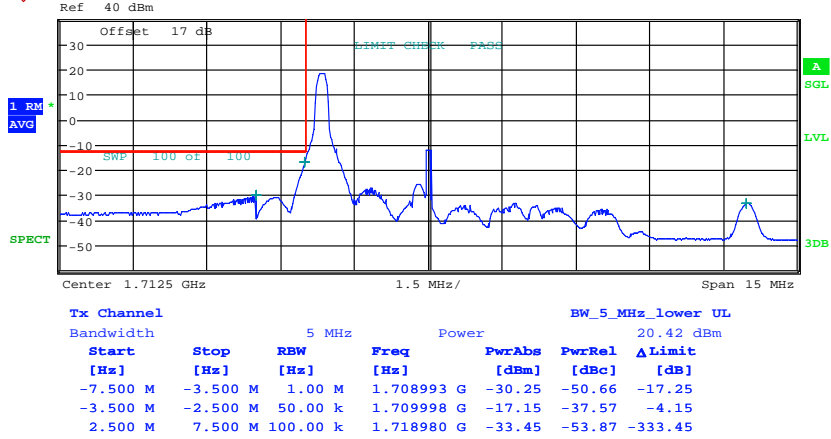
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Date: 11.AUG.2017 14:46:33

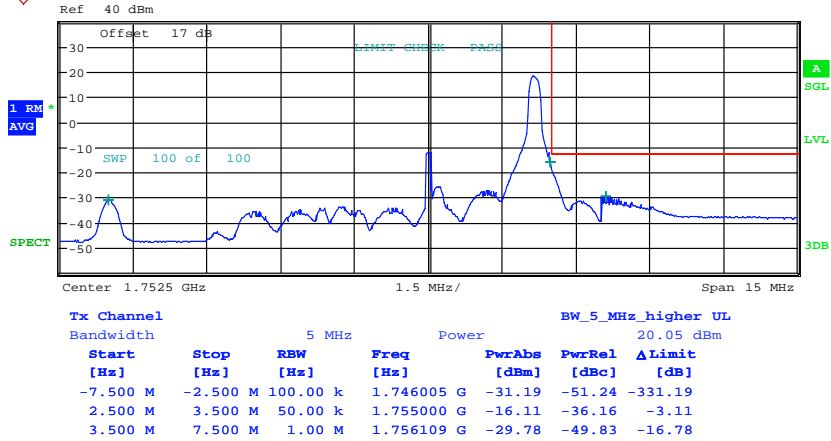


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz QPSK



Bandedge Band4 QPSK 1RB 5MHz CH19975
 Date: 11.AUG.2017 14:25:34

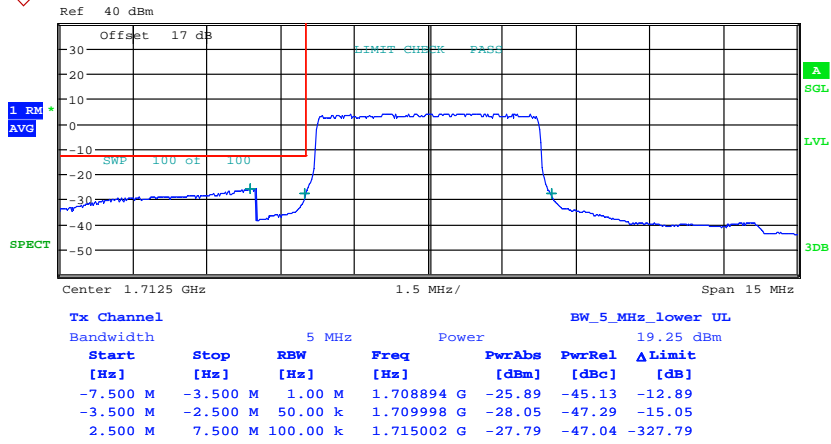


Bandedge Band4 QPSK 1RB 5MHz CH20375
 Date: 11.AUG.2017 15:50:18



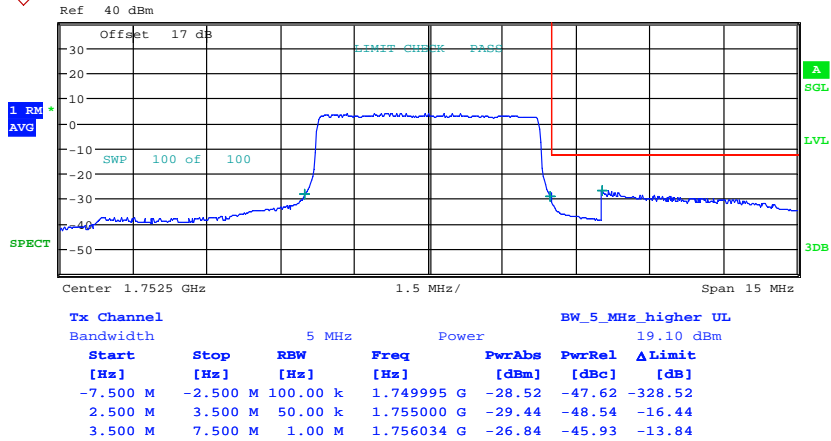
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



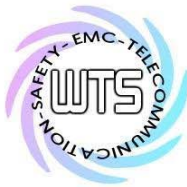
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Date: 11.AUG.2017 14:29:39



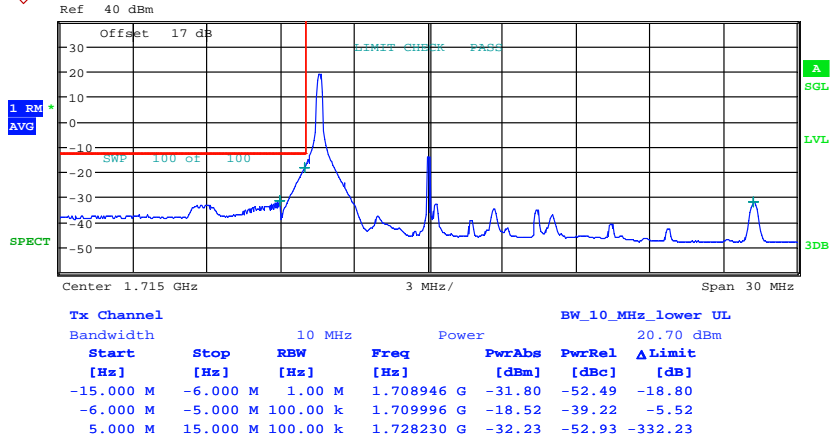
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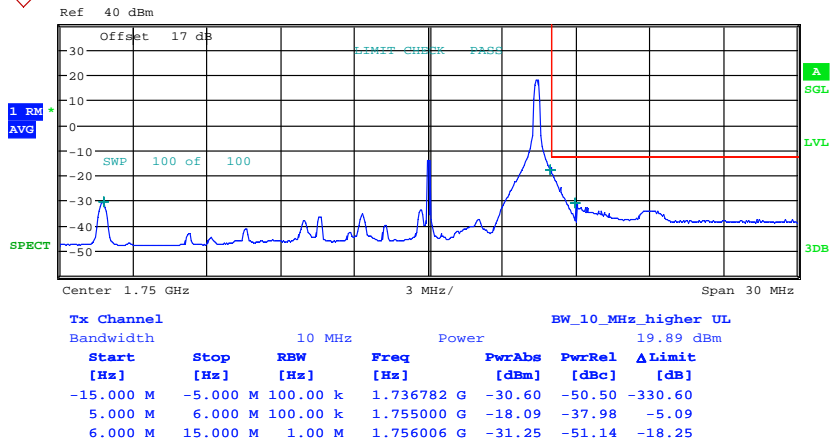


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 10 MHz QPSK



Bandedge Band4 QPSK 1RB 10MHz CH20000
 Date: 11.AUG.2017 16:20:07

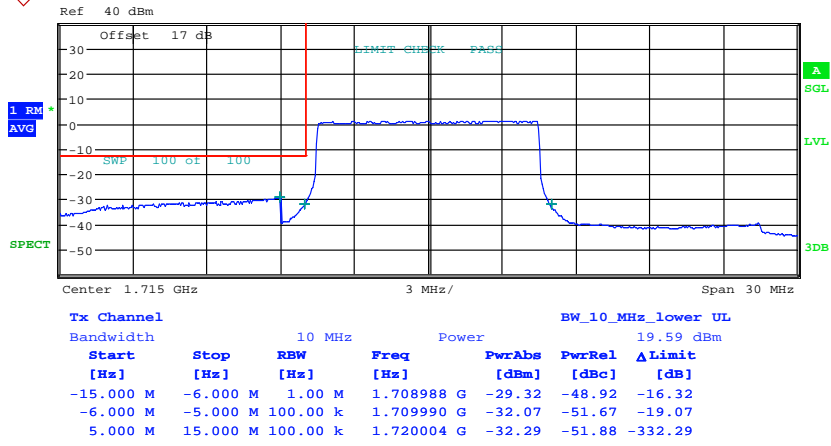


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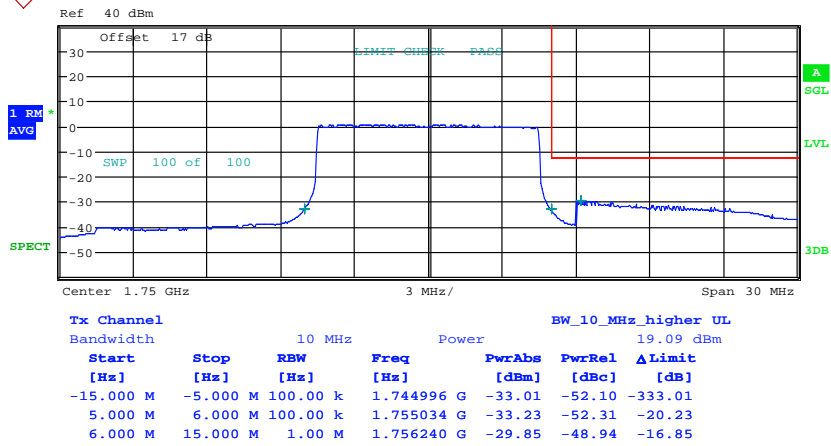
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 QPSK FRB 10MHz CH20000

Date: 11.AUG.2017 16:21:30



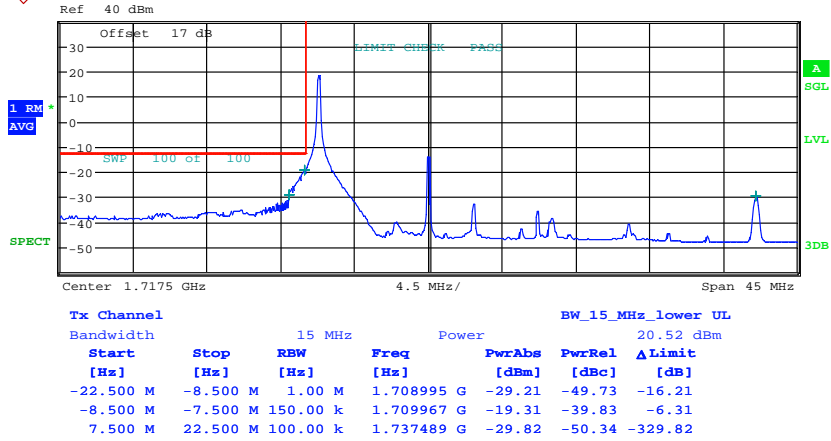
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Date: 11.AUG.2017 16:57:38

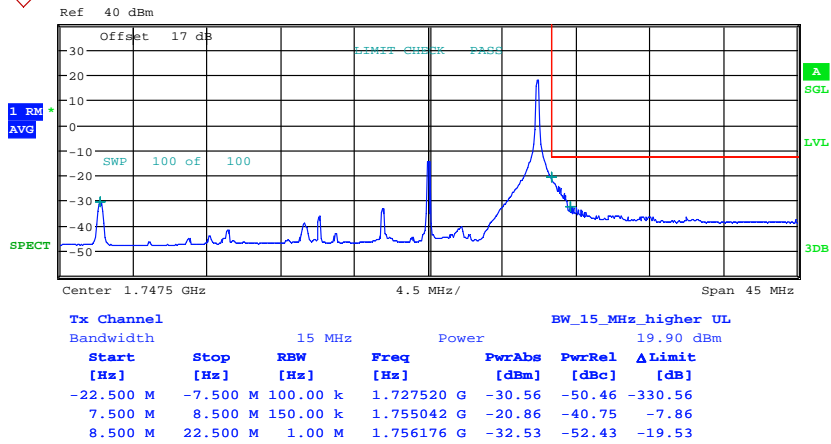


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 15 MHz QPSK



Bandedge Band4 QPSK 1RB 15MHz CH20025
 Date: 11.AUG.2017 17:29:40

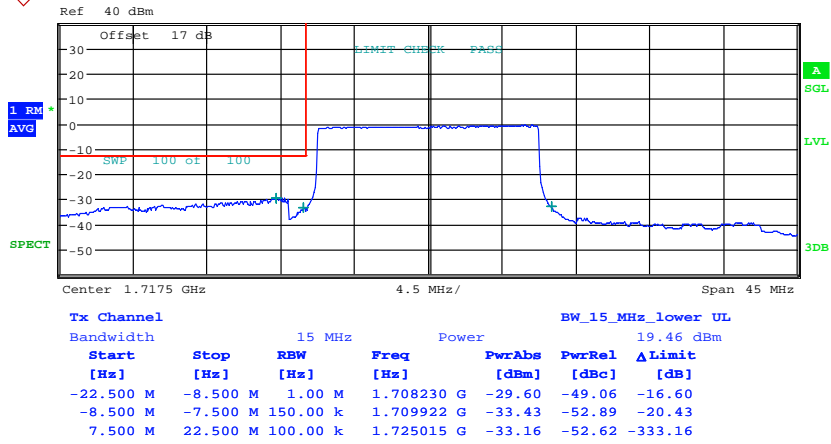


Bandedge Band4 QPSK 1RB 15MHz CH20325
 Date: 11.AUG.2017 17:37:37

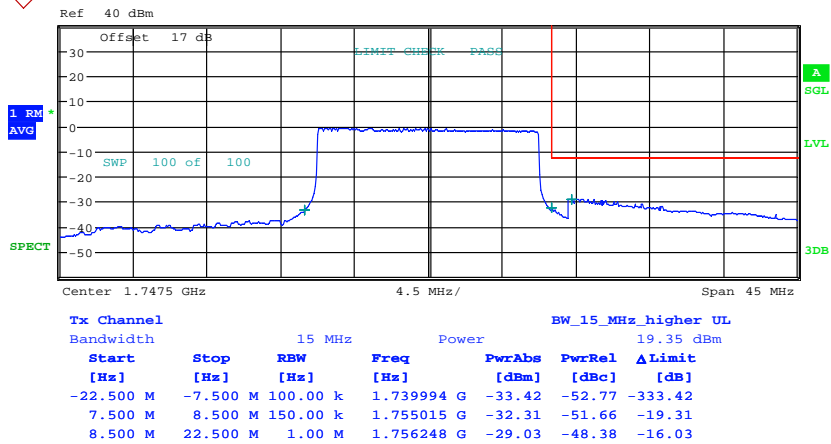


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 QPSK FRB 15MHz CH20025
 Date: 11.AUG.2017 17:31:31

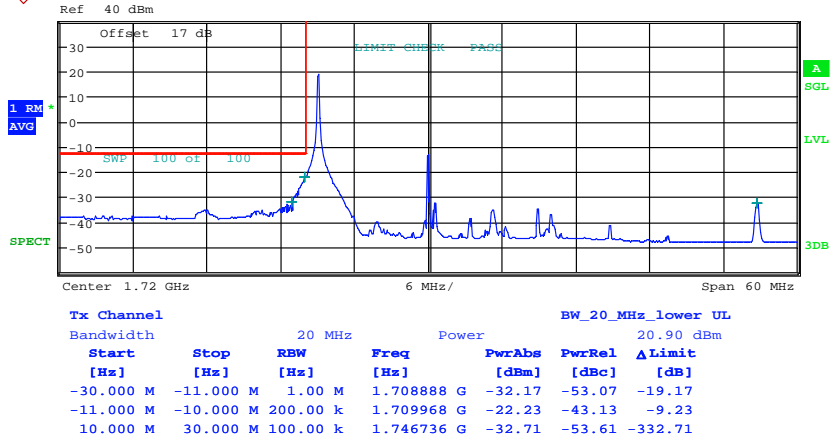


Bandedge Band4 QPSK FRB 15MHz CH20325
 Date: 11.AUG.2017 17:35:44

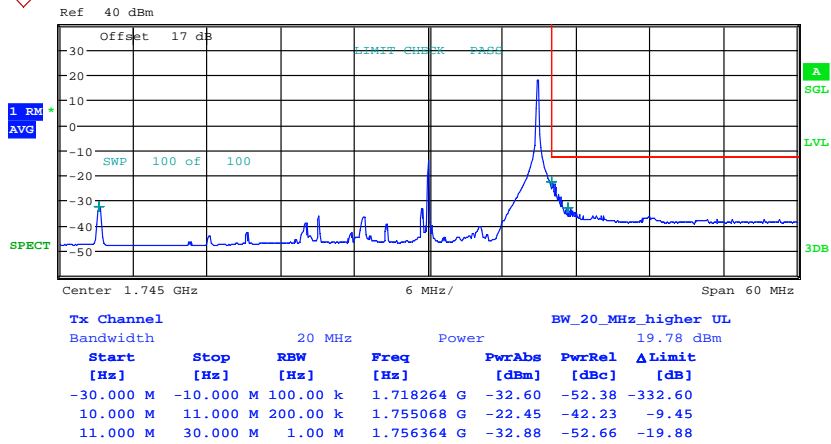


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 20 MHz QPSK



Bandedge Band4 QPSK 1RB 20MHz CH20050
 Date: 11.AUG.2017 18:12:57



Bandedge Band4 QPSK 1RB 20MHz CH20300
 Date: 11.AUG.2017 18:23:44

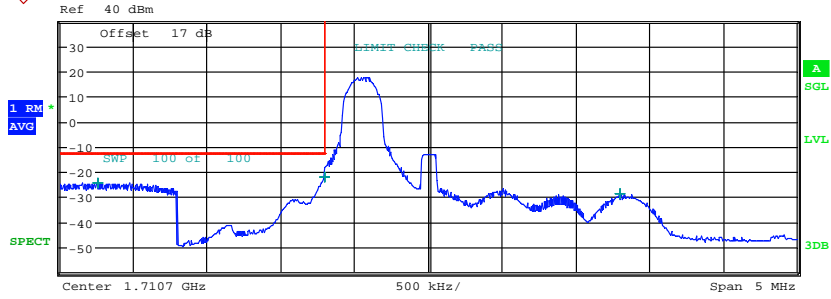


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

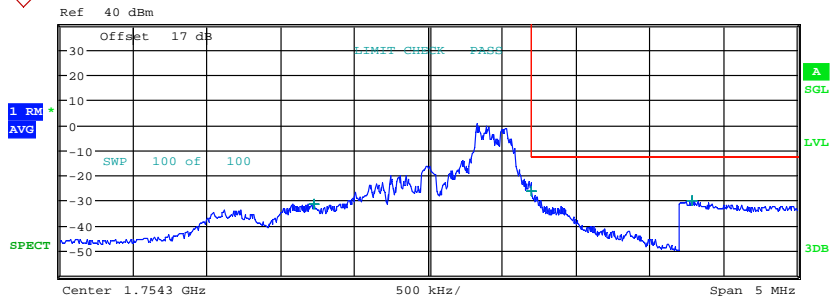
1.4 MHz 16QAM



Tx Channel				BW_1_4_MHz_lower UL			
Bandwidth		1.4 MHz		Power		18.87 dBm	
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-1.700 M	1.00 M	1.708464 G	-24.52	-43.39	-11.52	
-1.700 M	-700.000 k	20.00 k	1.709999 G	-22.28	-41.15	-9.28	
700.000 k	2.500 M	100.00 k	1.712001 G	-28.96	-47.83	-328.96	

Bandedge Band4 16QAM 1RB 1.4MHz CH19957

Date: 10.AUG.2017 17:37:20



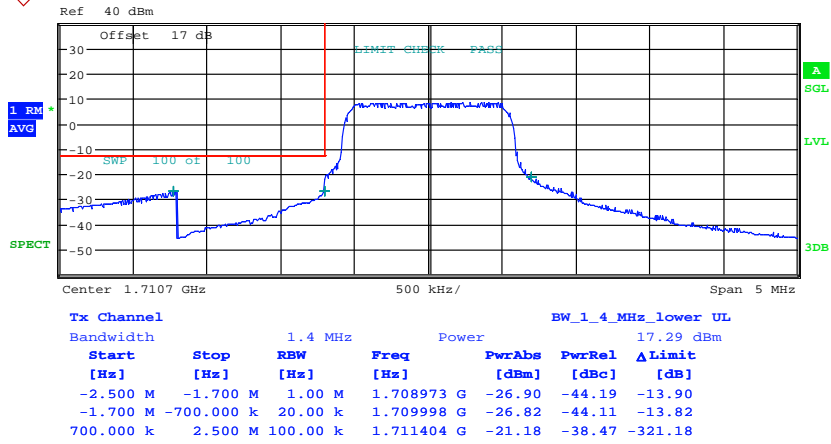
Tx Channel				BW_1_4_MHz_higher UL			
Bandwidth		1.4 MHz		Power		0.40 dBm	
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-700.000 k	100.00 k	1.753528 G	-31.39	-31.79	-331.39	
700.000 k	1.700 M	20.00 k	1.755000 G	-26.47	-26.87	-13.47	
1.700 M	2.500 M	1.00 M	1.756087 G	-30.23	-30.63	-17.23	

Bandedge Band4 16QAM 1RB 1.4MHz CH20393

Date: 10.AUG.2017 18:04:32

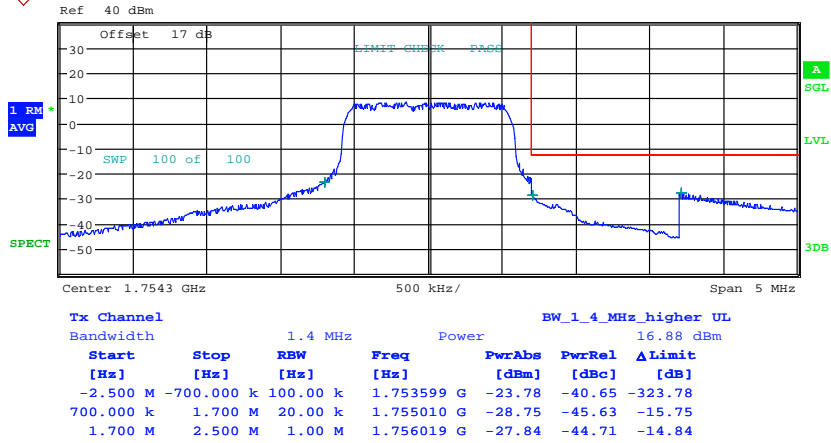


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 1.4MHz CH19957

Date: 10.AUG.2017 17:39:07



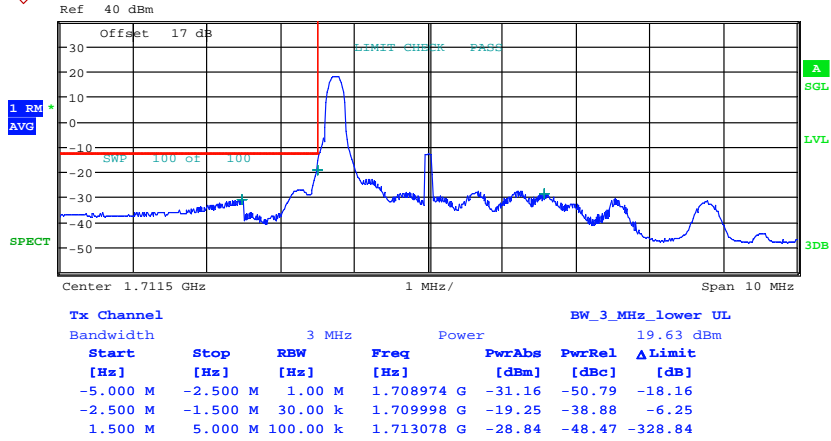
Bandedge Band4 16QAM FRB 1.4MHz CH20393

Date: 10.AUG.2017 18:07:08

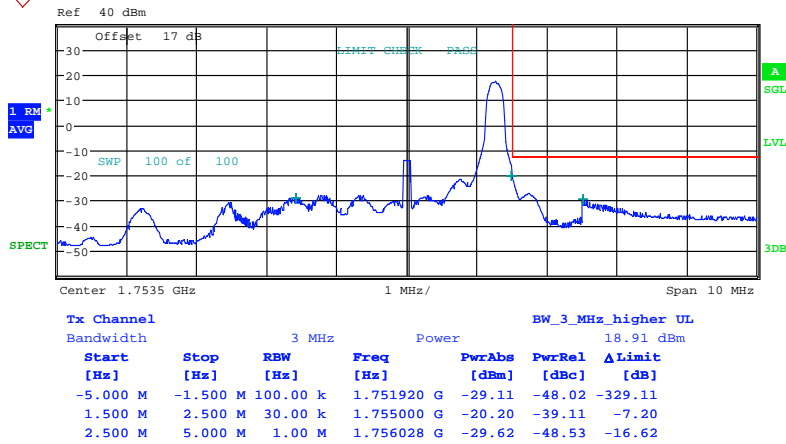


Worldwide Testing Services(Taiwan) Co., Ltd.

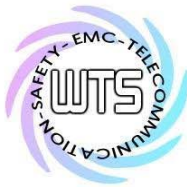
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 3 MHz 16QAM



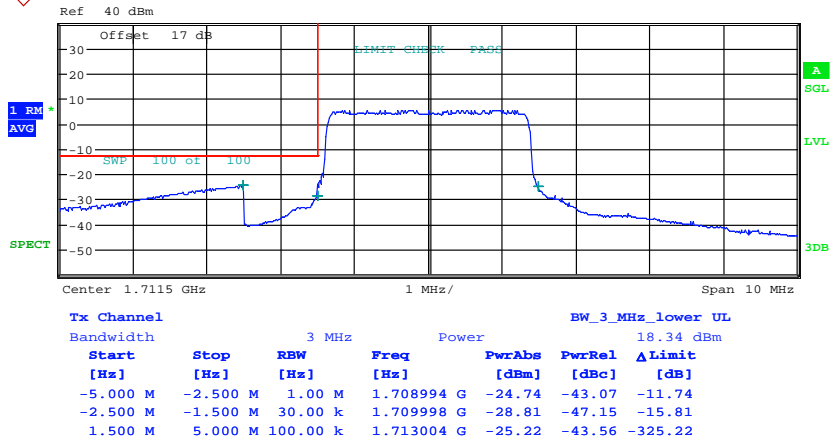
Bandedge Band4 16QAM 1RB 3MHz CH19965
 Date: 11.AUG.2017 11:11:12



Bandedge Band4 16QAM 1RB 3MHz CH20385
 Date: 11.AUG.2017 14:43:59

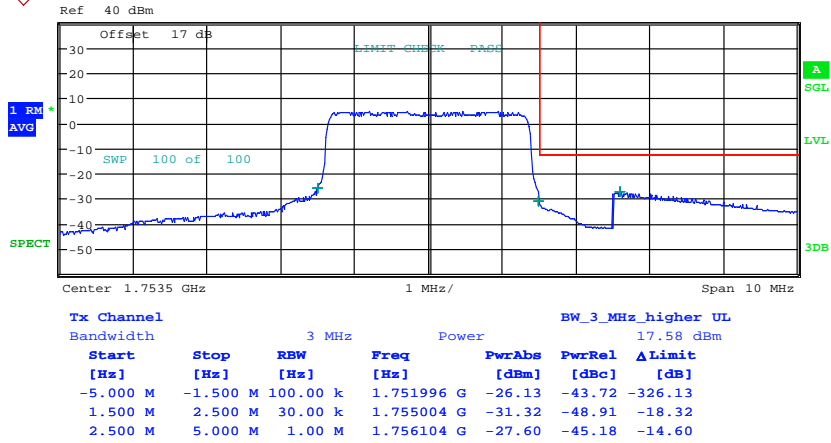


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 3MHz CH19965

Date: 11.AUG.2017 11:12:32

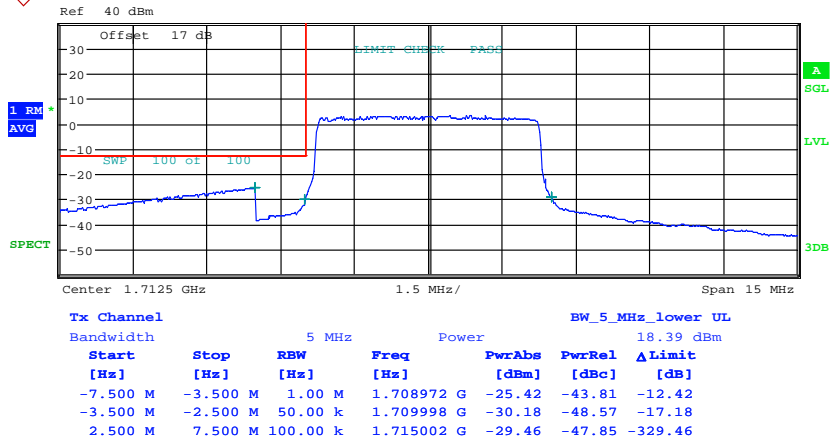


Bandedge Band4 16QAM FRB 3MHz CH20385

Date: 11.AUG.2017 14:42:31

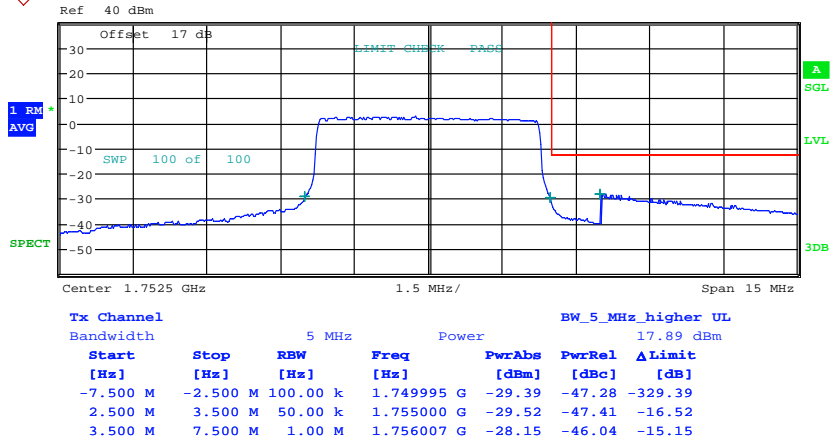


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 5MHz CH19975

Date: 11.AUG.2017 14:22:53



Bandedge Band4 16QAM FRB 5MHz CH20375

Date: 11.AUG.2017 15:47:45

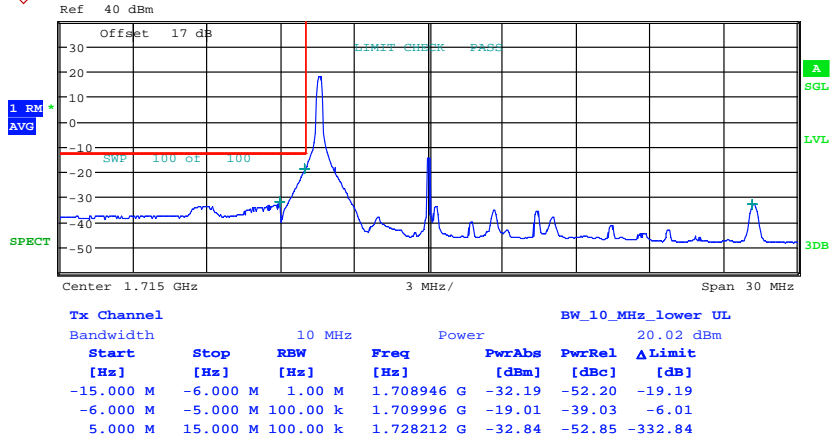


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

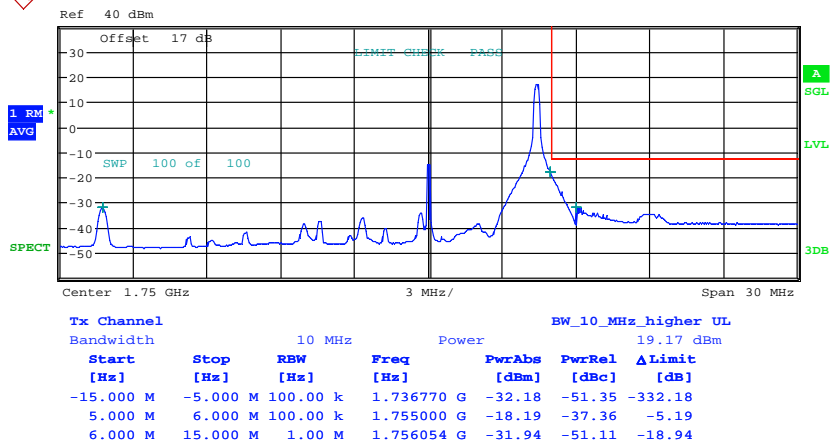
FCC ID: GX9FPHUB3

10 MHz 16QAM



Bandedge Band4 16QAM 1RB 10MHz CH20000

Date: 11.AUG.2017 16:18:39

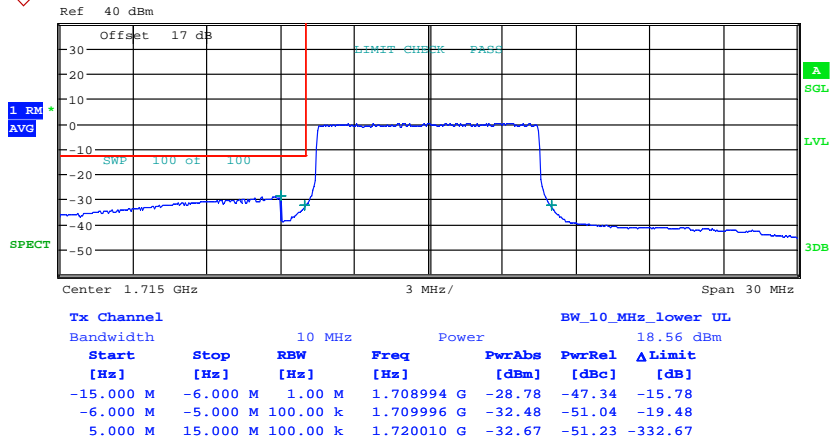


Bandedge Band4 16QAM 1RB 10MHz CH20350

Date: 11.AUG.2017 17:00:24

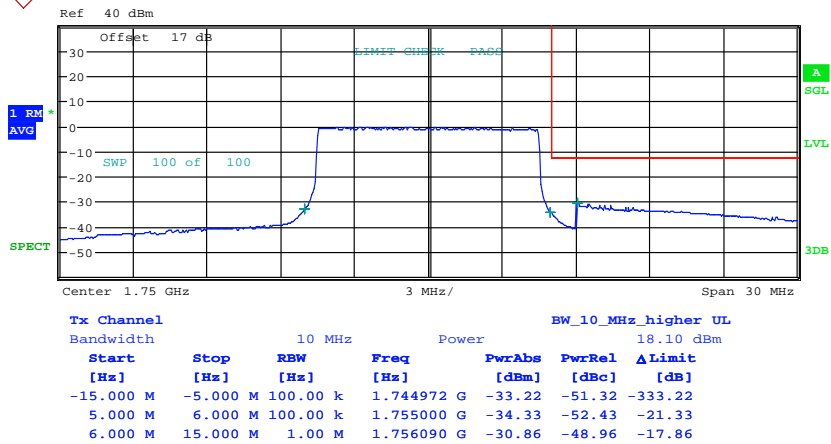


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 10MHz CH20000

Date: 11.AUG.2017 16:17:14



Bandedge Band4 16QAM FRB 10MHz CH20350

Date: 11.AUG.2017 17:01:59

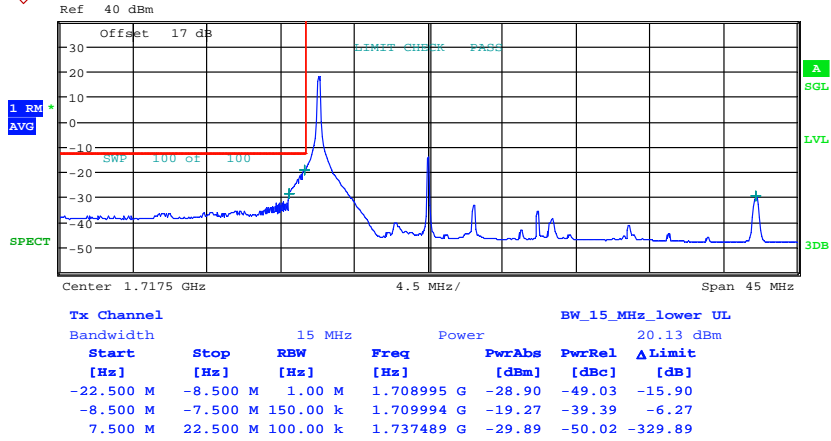


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

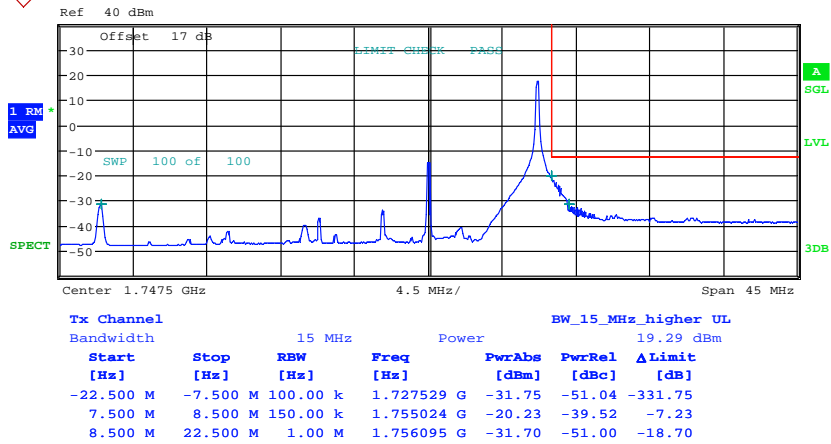
FCC ID: GX9FPHUB3

15 MHz 16QAM



Bandedge Band4 16QAM 1RB 15MHz CH20025

Date: 11.AUG.2017 17:27:29



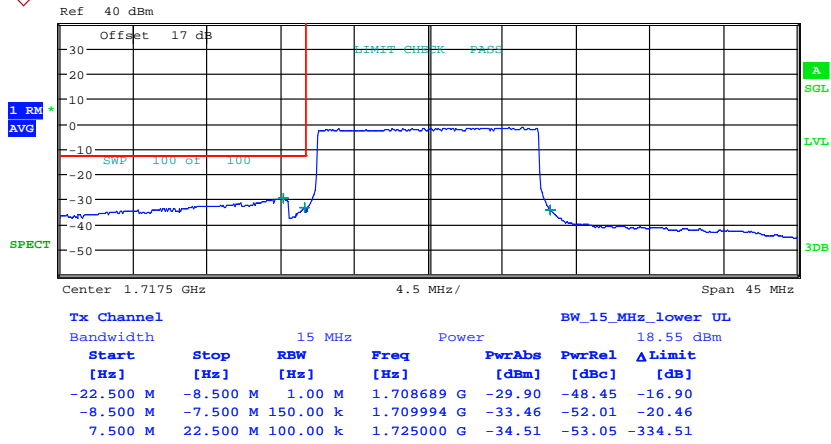
Bandedge Band4 16QAM 1RB 15MHz CH20325

Date: 11.AUG.2017 17:39:52



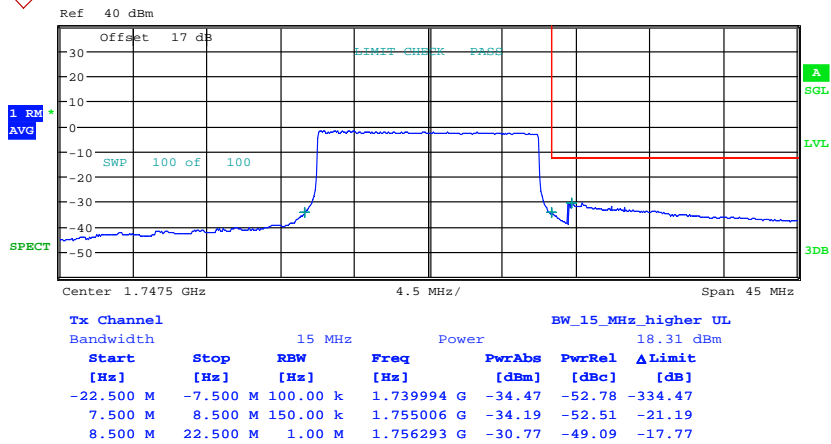
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 15MHz CH20025

Date: 11.AUG.2017 17:25:22



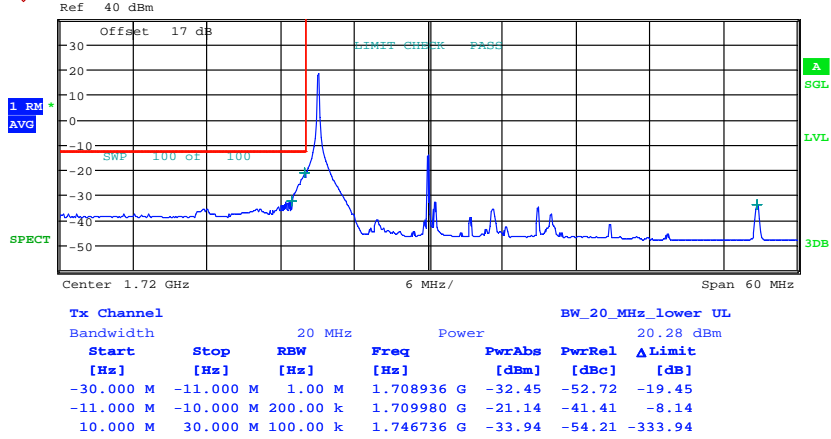
Bandedge Band4 16QAM FRB 15MHz CH20325

Date: 11.AUG.2017 17:42:12

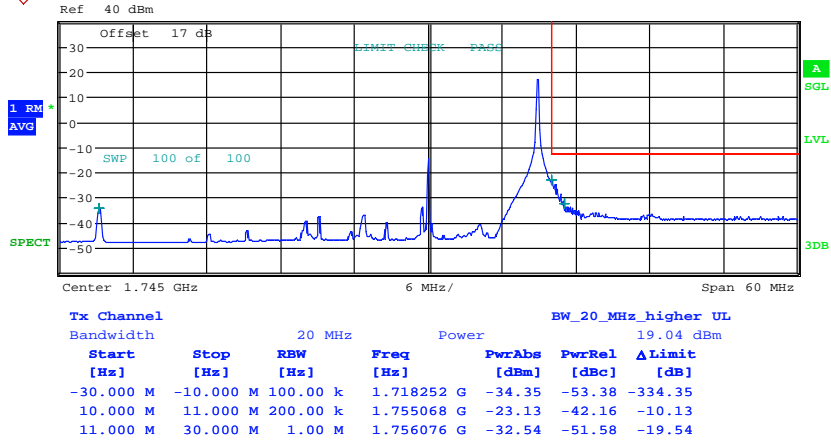


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 20 MHz 16QAM



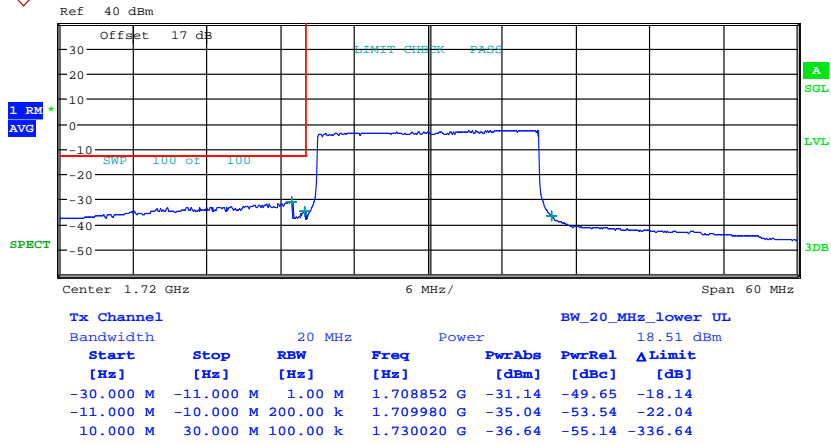
Bandedge Band4 16QAM 1RB 20MHz CH20050
 Date: 11.AUG.2017 18:10:42



Bandedge Band4 16QAM 1RB 20MHz CH20300
 Date: 11.AUG.2017 18:25:46

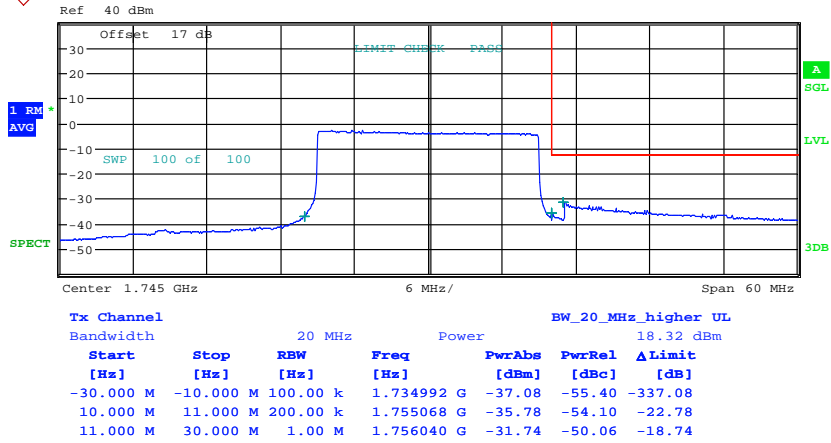


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band4 16QAM FRB 20MHz CH20050

Date: 11.AUG.2017 18:07:20



Bandedge Band4 16QAM FRB 20MHz CH20300

Date: 11.AUG.2017 18:27:55



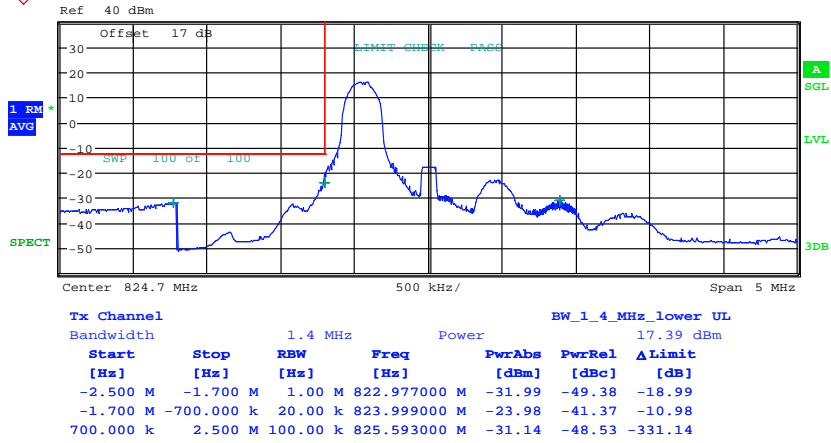
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

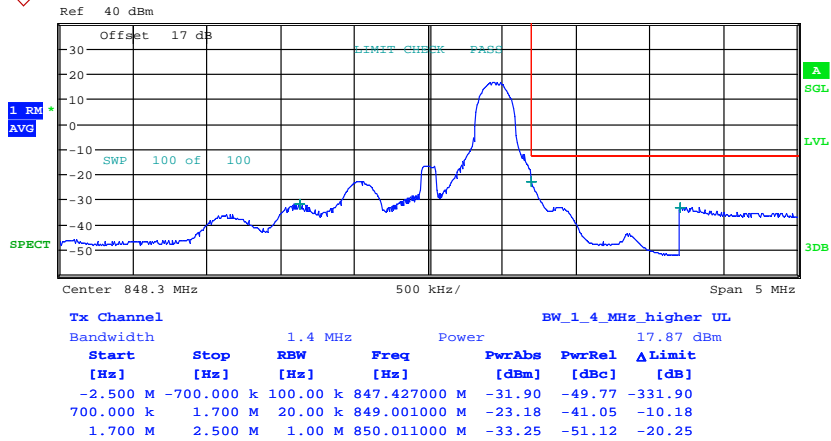
Band 5

1.4 MHz QPSK



Bandedge Band5 QPSK 1RB 1.4MHz CH20407

Date: 10.AUG.2017 17:05:29

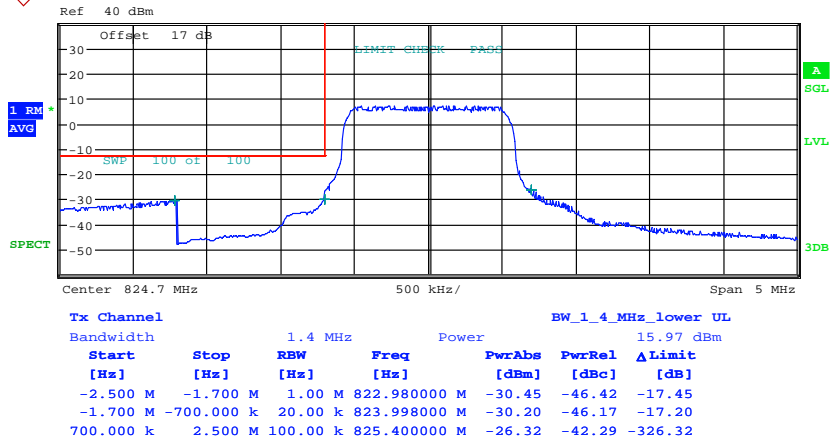


Bandedge Band5 QPSK 1RB 1.4MHz CH20643

Date: 10.AUG.2017 18:14:08

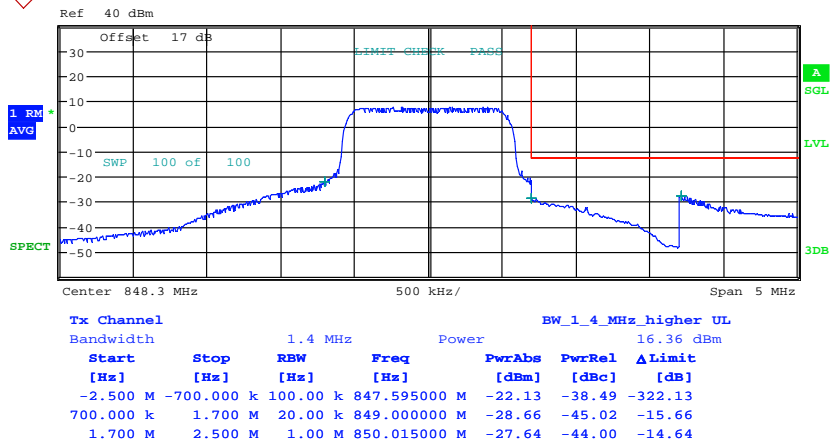


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 QPSK FRB 1.4MHz CH20407

Date: 10.AUG.2017 17:03:06

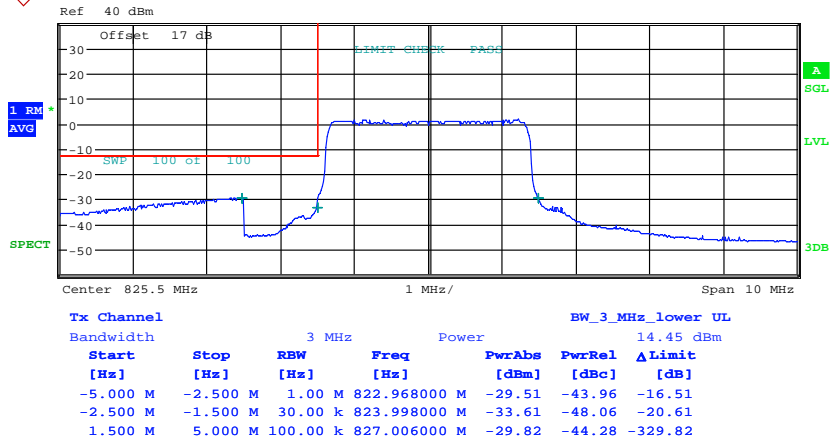


Bandedge Band5 QPSK FRB 1.4MHz CH20643

Date: 10.AUG.2017 18:15:51

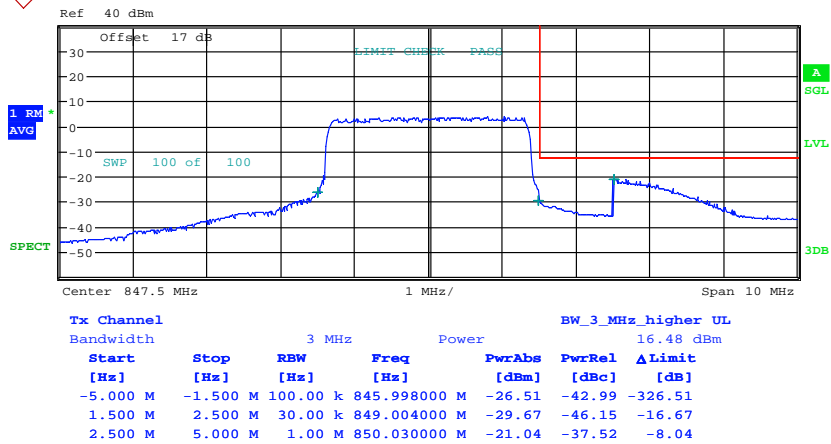


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 QPSK FRB 3MHz CH20415

Date: 11.AUG.2017 11:18:17



Bandedge Band5 QPSK FRB 3MHz CH20635

Date: 11.AUG.2017 13:11:57

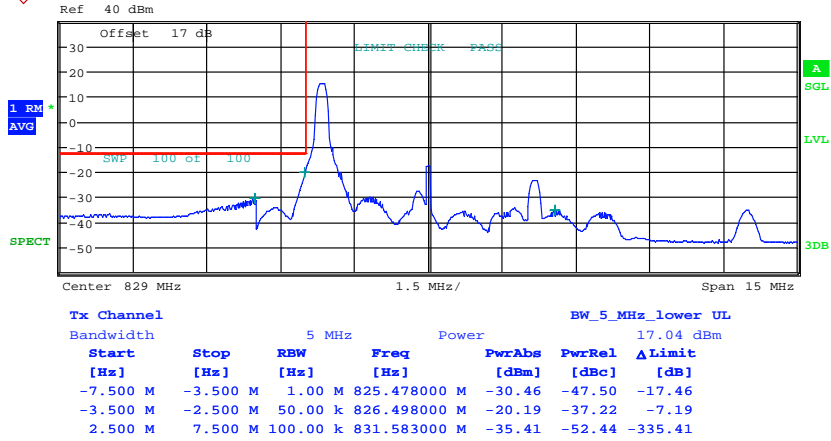


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Report Number: W6R22104-20827-P-247

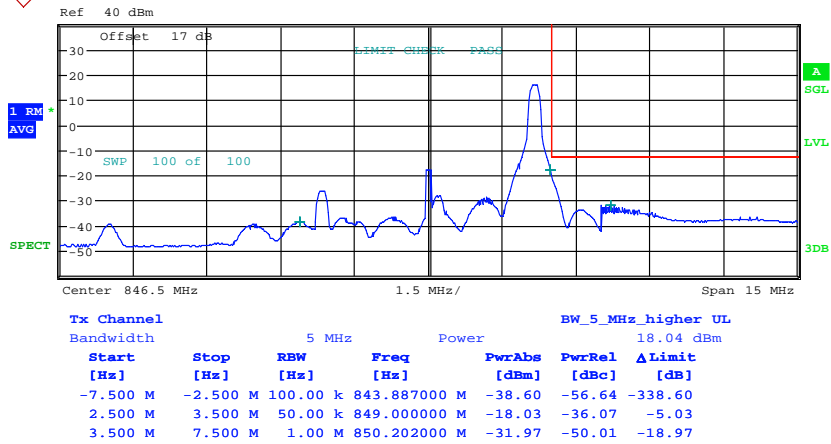
FCC ID: GX9FPHUB3

5 MHz QPSK



Bandedge Band5 QPSK 1RB 5MHz CH20450

Date: 11.AUG.2017 14:14:00

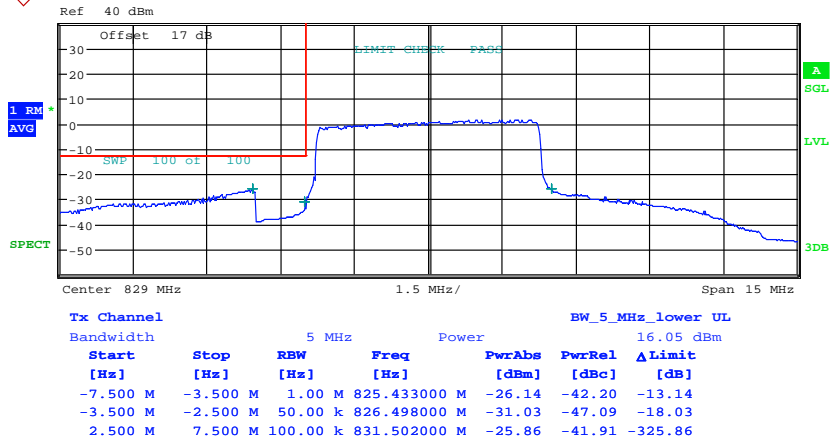


Bandedge Band5 QPSK 1RB 5MHz CH20625

Date: 11.AUG.2017 15:55:05

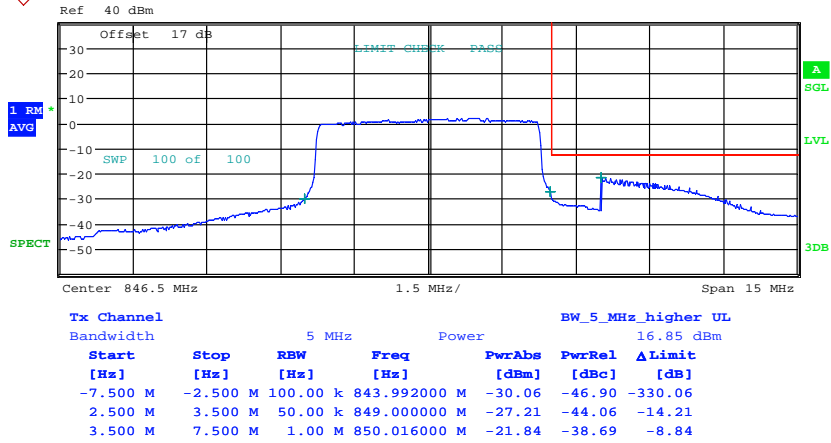


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



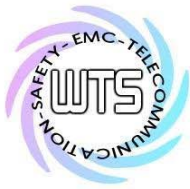
Bandedge Band5 QPSK FRB 5MHz CH20450

Date: 11.AUG.2017 14:15:10



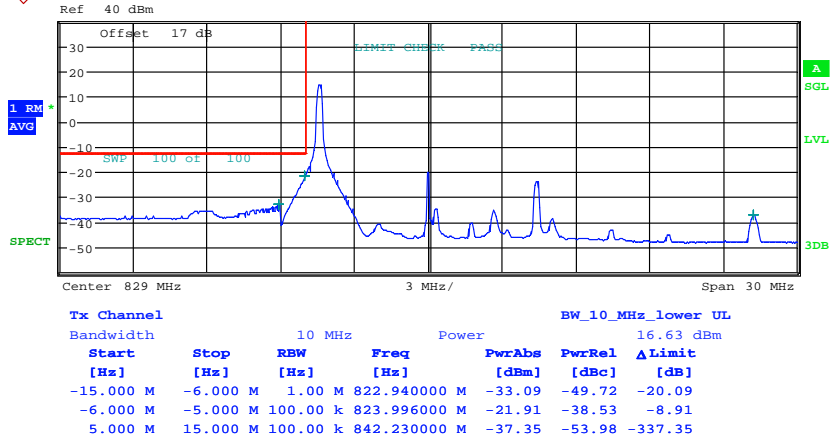
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Date: 11.AUG.2017 15:53:59

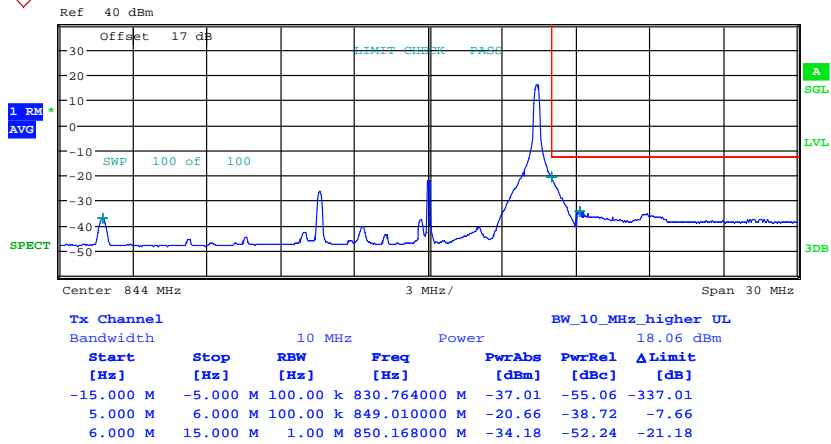


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 10 MHz QPSK



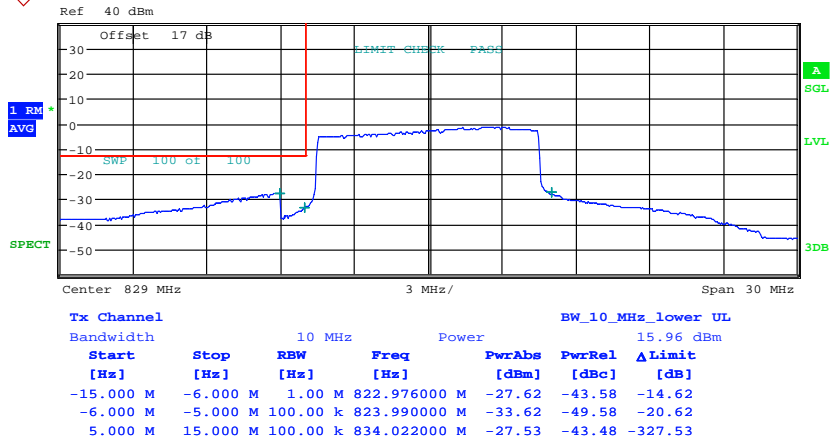
Bandedge Band5 QPSK 1RB 10MHz CH20450
 Date: 11.AUG.2017 16:25:22



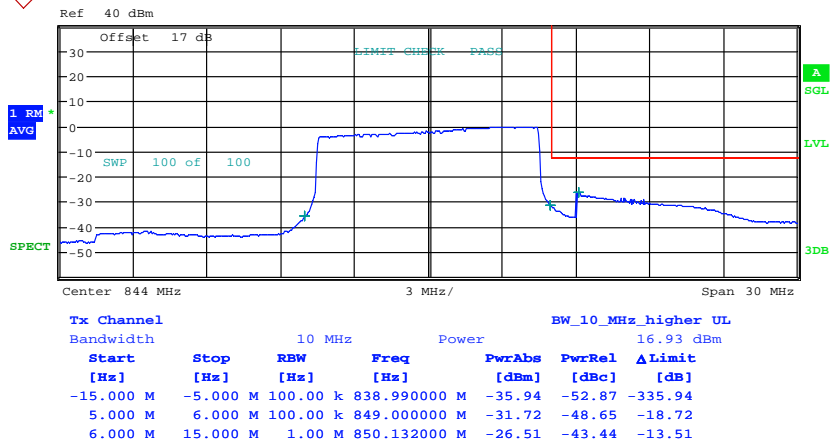
Bandedge Band5 QPSK 1RB 10MHz CH20600
 Date: 11.AUG.2017 16:51:55



Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 QPSK FRB 10MHz CH20450
 Date: 11.AUG.2017 16:23:47



Bandedge Band5 QPSK FRB 10MHz CH20600
 Date: 11.AUG.2017 16:55:27

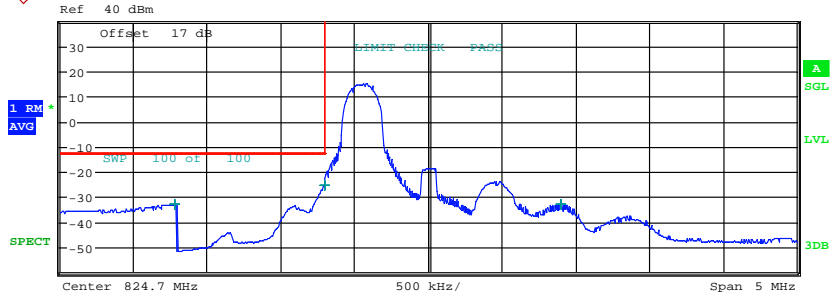


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

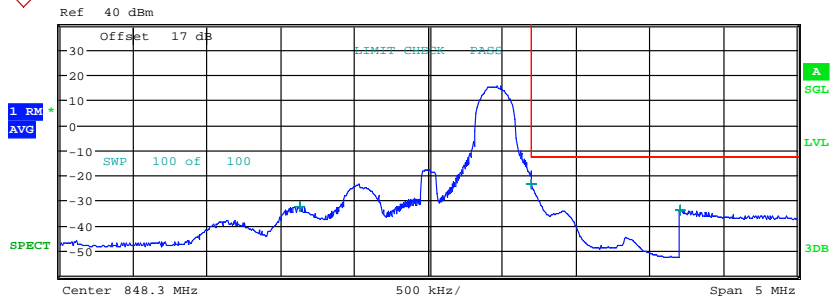
1.4 MHz 16QAM



Tx Channel				BW_1_4_MHz_lower UL			
Bandwidth		1.4 MHz	Power		16.36 dBm		
Start [Hz]	Stop [Hz]	RW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-1.700 M	1.00 M	822.979000 M	-32.94	-49.30	-19.94	
-1.700 M	-700.000 k	20.00 k	823.999000 M	-25.27	-41.63	-12.27	
700.000 k	2.500 M	100.00 k	825.598000 M	-32.94	-49.30	-332.94	

Bandedge Band5 16QAM 1RB 1.4MHz CH20407

Date: 10.AUG.2017 17:07:09



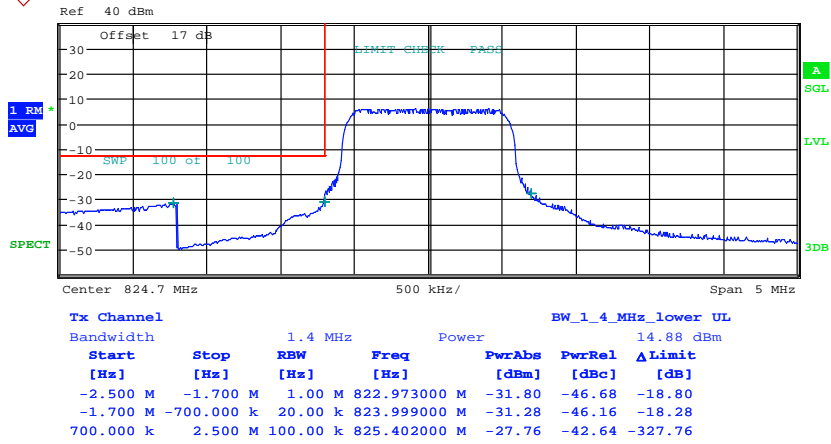
Tx Channel				BW_1_4_MHz_higher UL			
Bandwidth		1.4 MHz	Power		16.82 dBm		
Start [Hz]	Stop [Hz]	RW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-700.000 k	100.00 k	847.428000 M	-32.63	-49.45	-332.63	
700.000 k	1.700 M	20.00 k	849.000000 M	-23.51	-40.33	-10.51	
1.700 M	2.500 M	1.00 M	850.011000 M	-34.04	-50.86	-21.04	

Bandedge Band5 16QAM 1RB 1.4MHz CH20643

Date: 10.AUG.2017 18:12:18

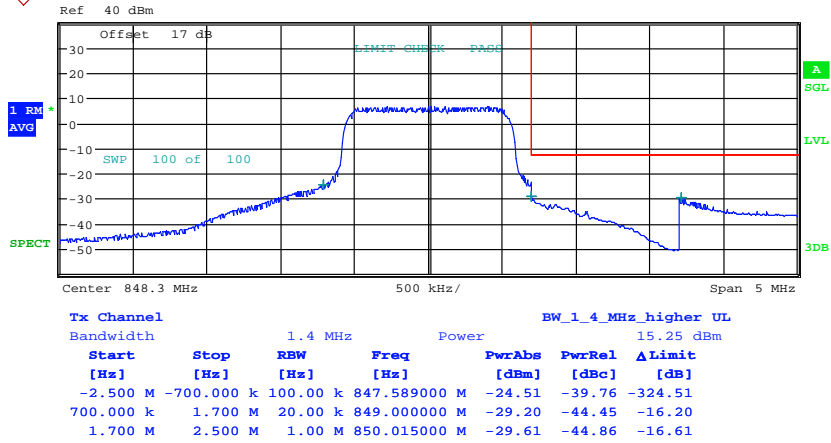


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



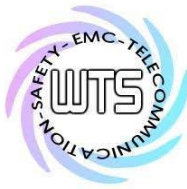
Bandedge Band5 16QAM FRB 1.4MHz CH20407

Date: 10.AUG.2017 17:08:52



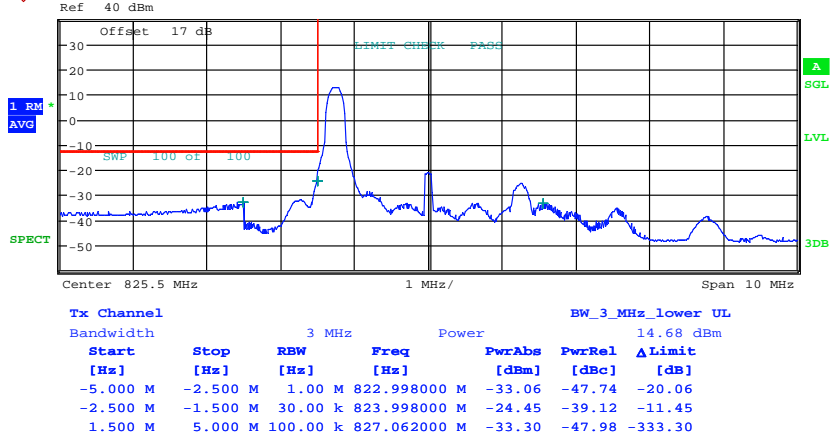
Bandedge Band5 16QAM FRB 1.4MHz CH20643

Date: 10.AUG.2017 18:10:19

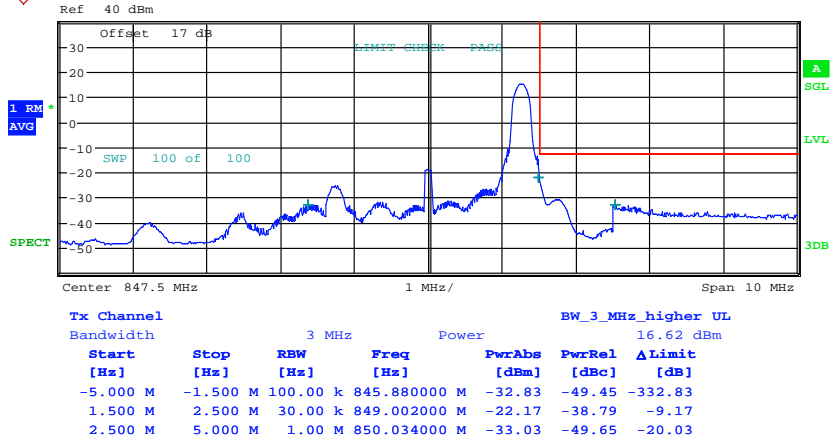


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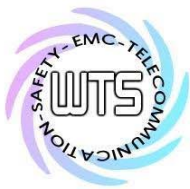
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 3 MHz 16QAM



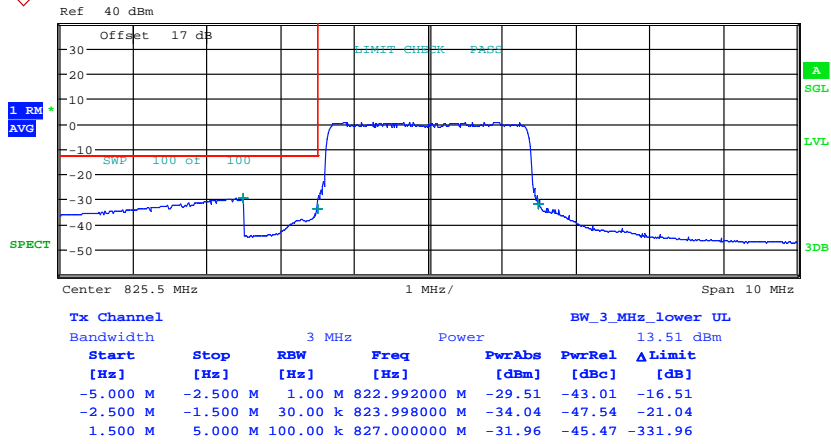
Bandedge Band5 16QAM 1RB 3MHz CH20415
 Date: 11.AUG.2017 11:20:55



Bandedge Band5 16QAM 1RB 3MHz CH20635
 Date: 11.AUG.2017 13:14:48

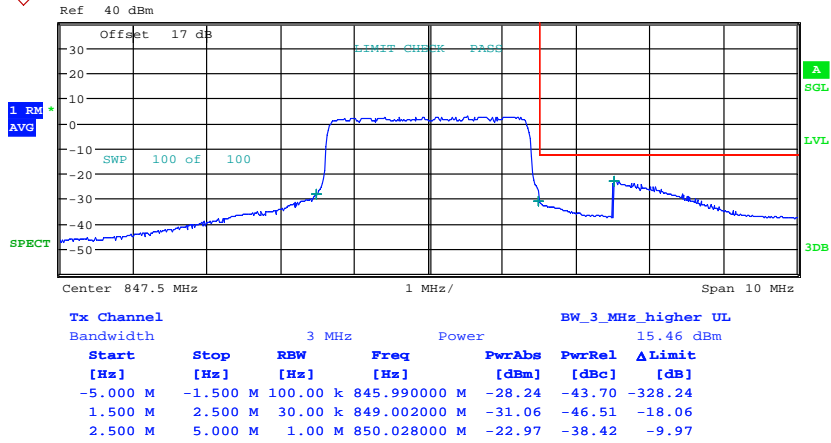


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 16QAM FRB 3MHz CH20415

Date: 11.AUG.2017 11:19:40



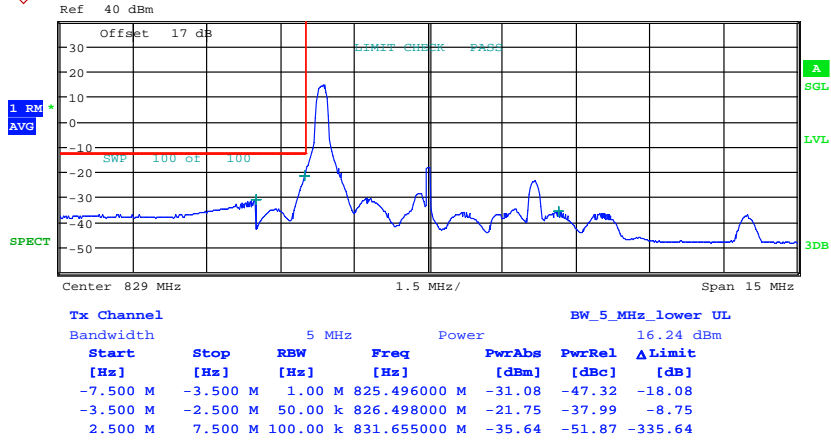
Bandedge Band5 16QAM FRB 3MHz CH20635

Date: 11.AUG.2017 13:16:02

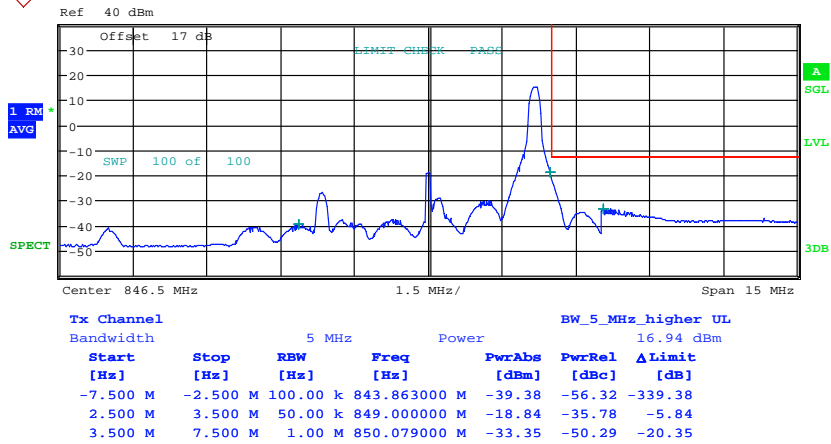


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz 16QAM



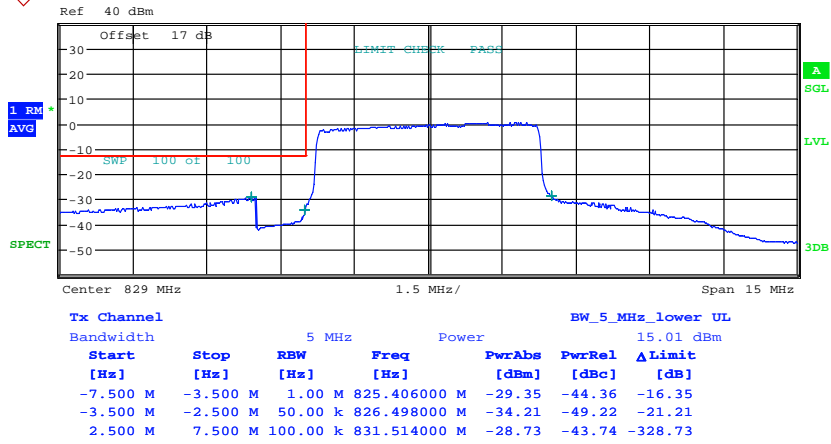
Bandedge Band5 16QAM 1RB 5MHz CH20450
 Date: 11.AUG.2017 14:12:39



Bandedge Band5 16QAM 1RB 5MHz CH20625
 Date: 11.AUG.2017 15:59:34

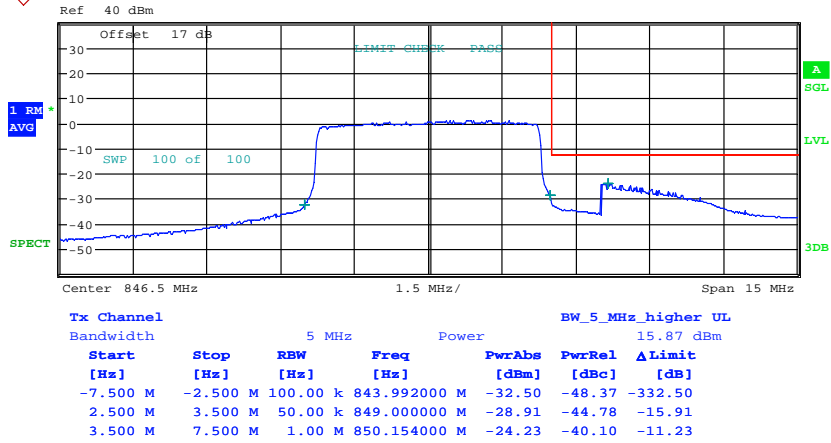


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 16QAM FRB 5MHz CH20450

Date: 11.AUG.2017 14:11:36



Bandedge Band5 16QAM FRB 5MHz CH20625

Date: 11.AUG.2017 16:00:47

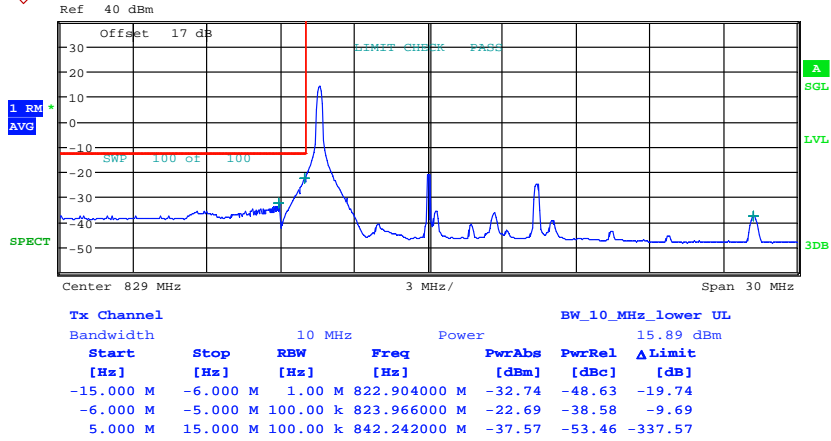


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

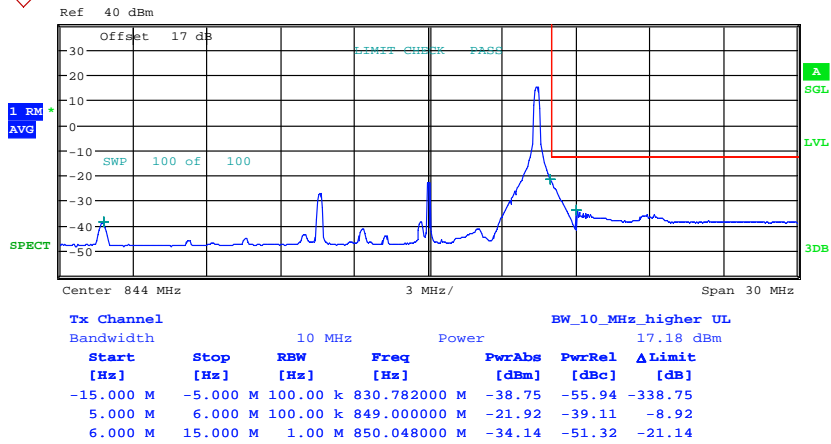
FCC ID: GX9FPHUB3

10 MHz 16QAM



Bandedge Band5 16QAM 1RB 10MHz CH20450

Date: 11.AUG.2017 16:26:58

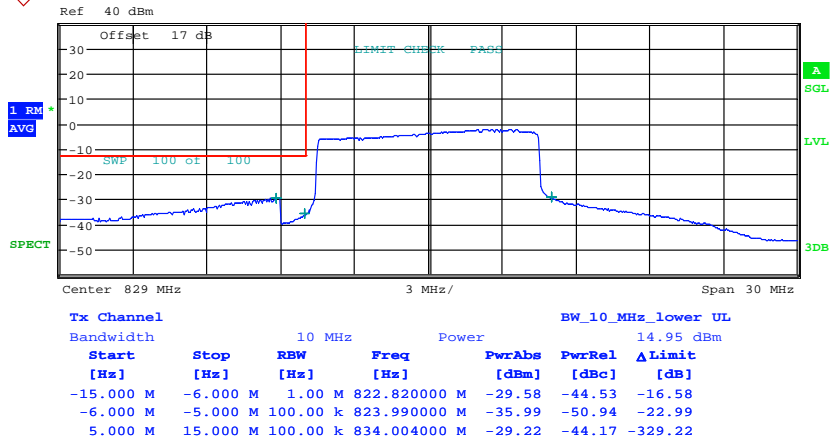


Bandedge Band5 16QAM 1RB 10MHz CH20600

Date: 11.AUG.2017 16:50:18

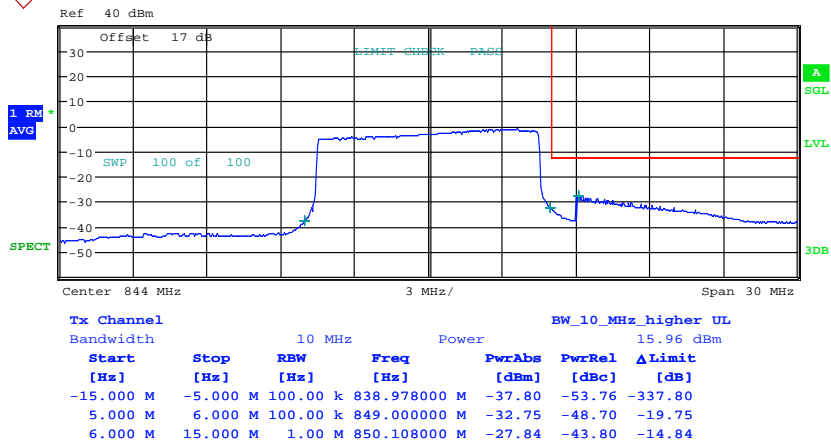


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band5 16QAM FRB 10MHz CH20450

Date: 11.AUG.2017 16:28:27



Bandedge Band5 16QAM FRB 10MHz CH20600

Date: 11.AUG.2017 16:48:44



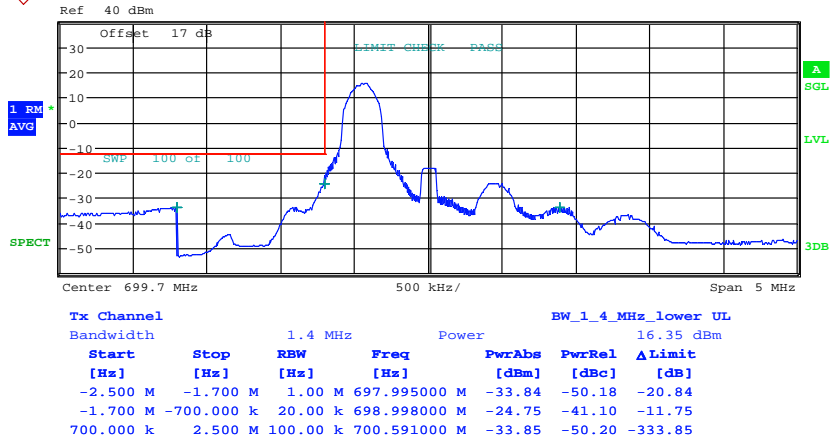
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

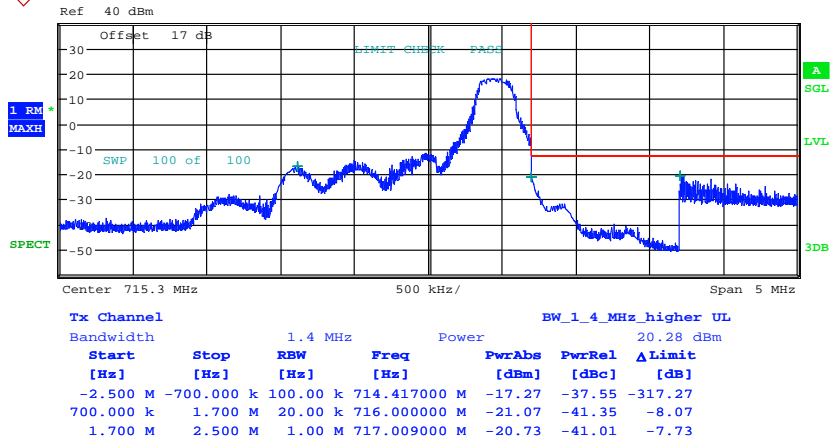
Band 12

1.4 MHz QPSK



Bandedge Band2 QPSK 1RB 1.4MHz CH23017

Date: 10.AUG.2017 17:14:53



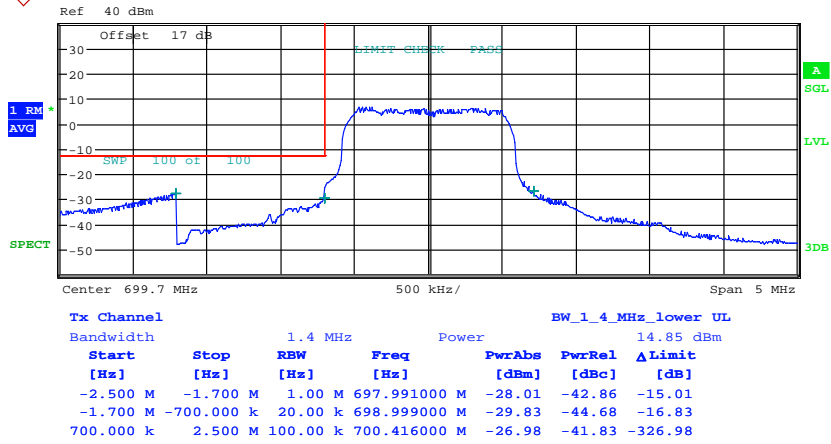
Bandedge Band12 QPSK 1RB 1.4MHz CH23173

Date: 10.AUG.2017 18:52:18



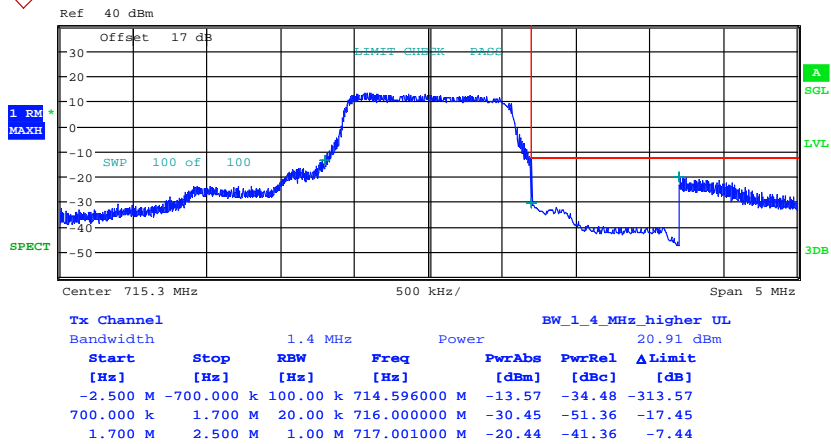
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 QPSK FRB 1.4MHz CH23017

Date: 10.AUG.2017 17:16:33



Bandedge Band12 QPSK FRB 1.4MHz CH23173

Date: 10.AUG.2017 18:54:07

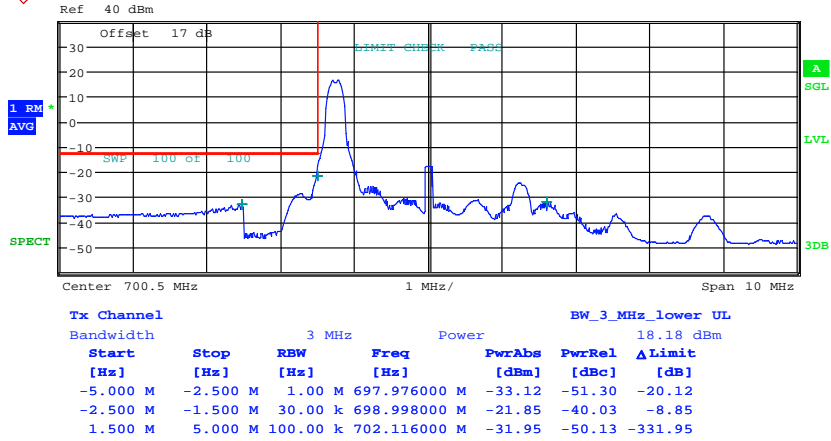


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

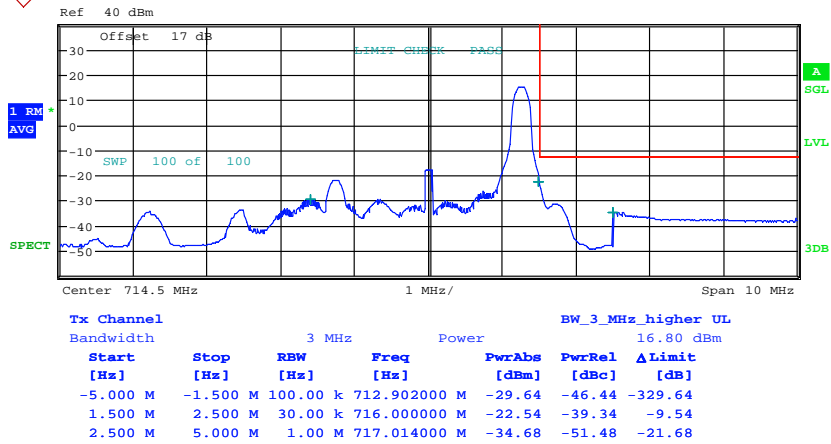
FCC ID: GX9FPHUB3

3 MHz QPSK



Bandedge Band12 QPSK 1RB 3MHz CH23025

Date: 11.AUG.2017 11:27:16

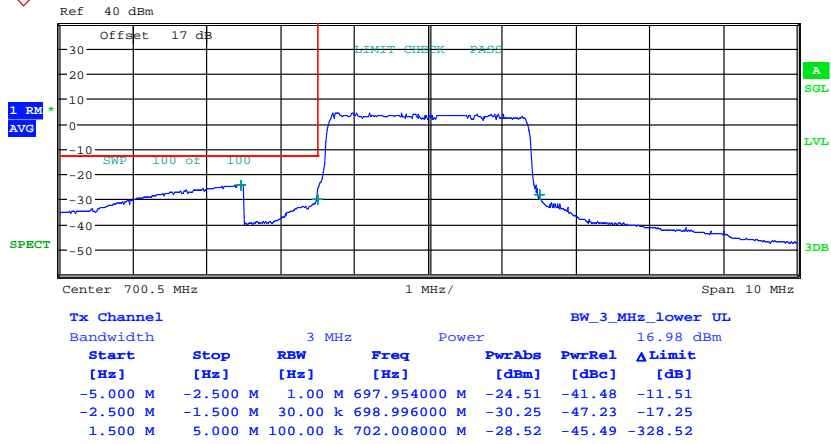


Bandedge Band12 QPSK 1RB 3MHz CH23165

Date: 11.AUG.2017 13:21:11

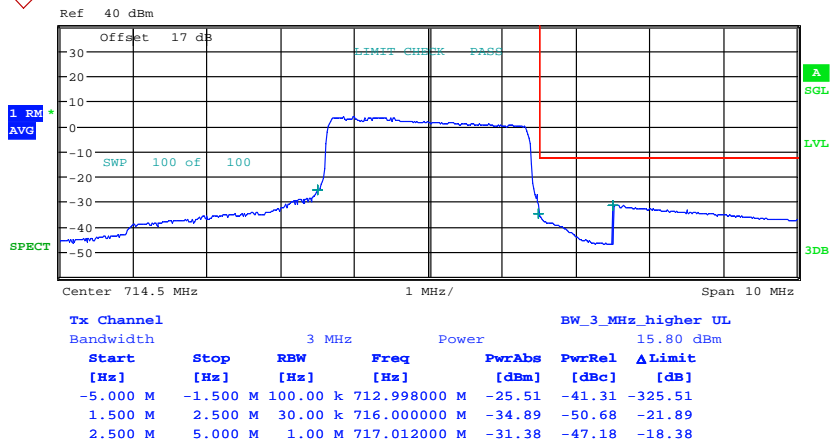


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



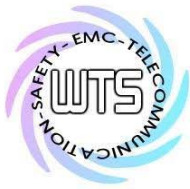
Bandedge Band12 QPSK FRB 3MHz CH23025

Date: 11.AUG.2017 11:26:03



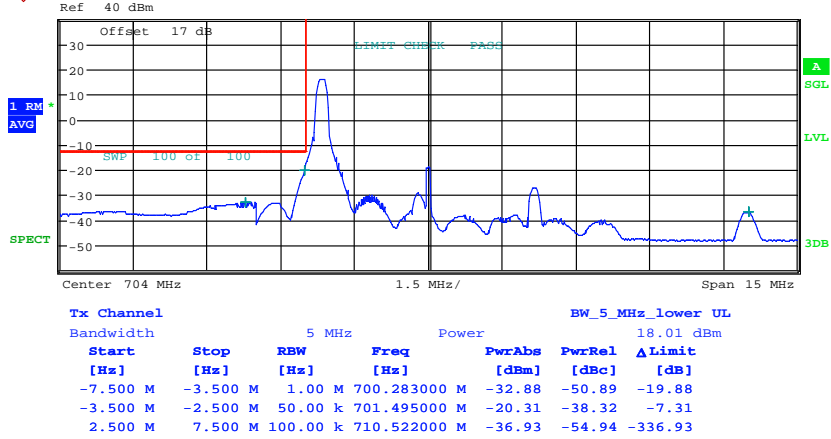
Bandedge Band12 QPSK FRB 3MHz CH23165

Date: 11.AUG.2017 13:19:51

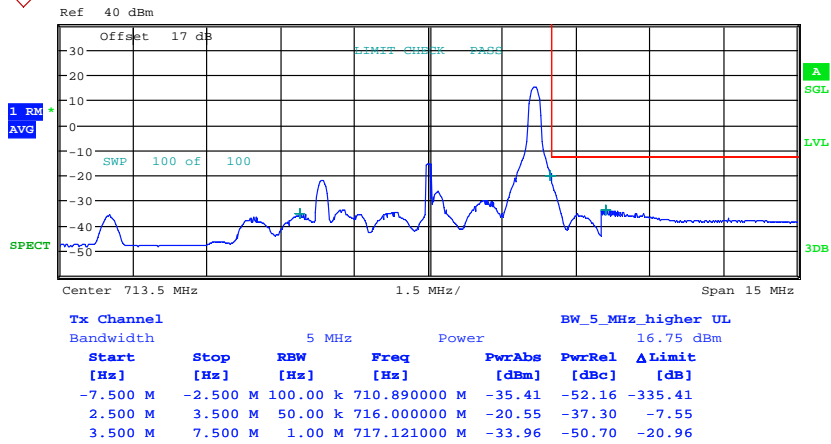


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz QPSK



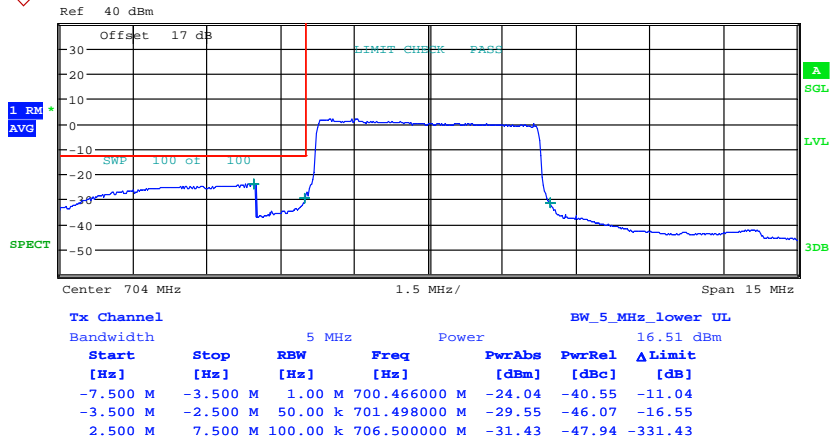
Bandedge Band12 QPSK 1RB 5MHz CH23060
 Date: 11.AUG.2017 14:18:29



Bandedge Band12 QPSK 1RB 5MHz CH23155
 Date: 11.AUG.2017 16:05:02

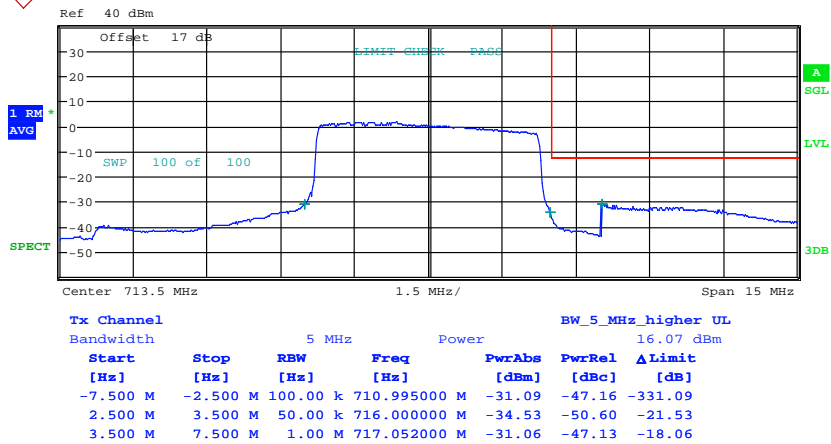


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band12 QPSK FRB 5MHz CH23060

Date: 11.AUG.2017 14:17:08



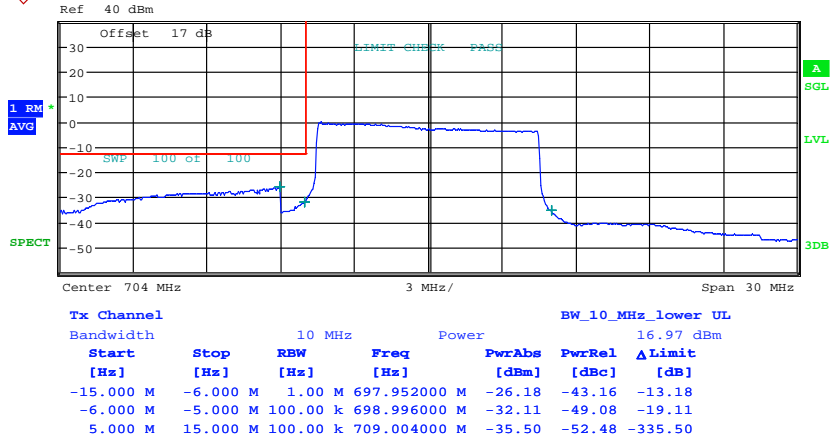
Bandedge Band12 QPSK FRB 5MHz CH23155

Date: 11.AUG.2017 16:06:10

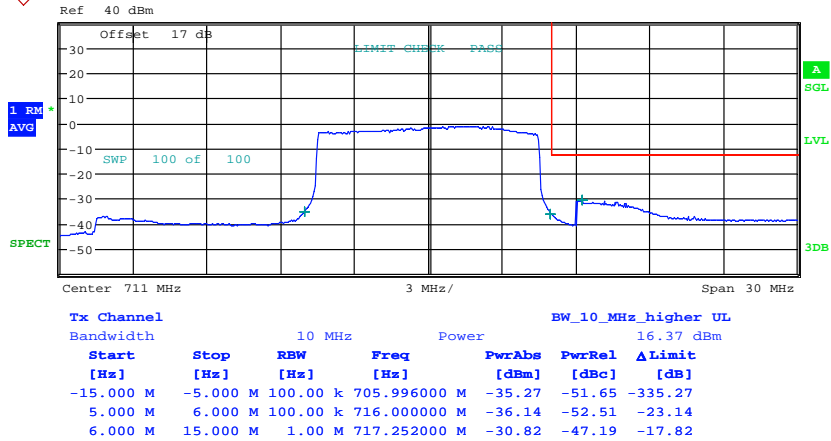


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band12 QPSK FRB 10MHz CH23060
 Date: 11.AUG.2017 16:36:20



Bandedge Band12 QPSK FRB 10MHz CH23130
 Date: 11.AUG.2017 16:39:43

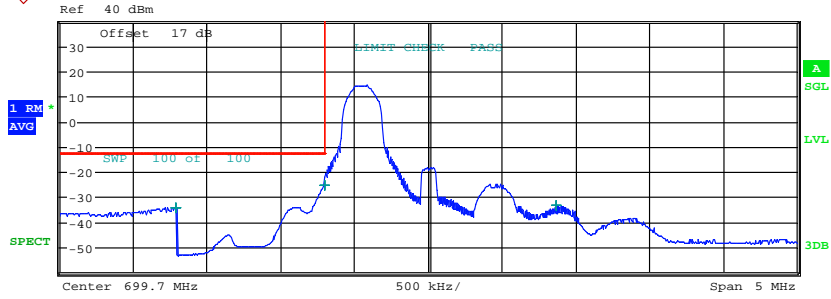


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

FCC ID: GX9FPHUB3

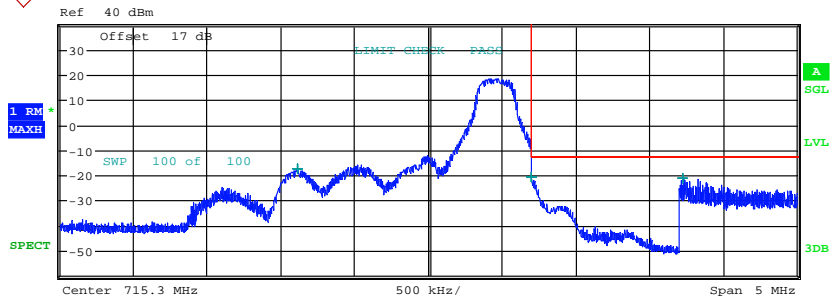
1.4 MHz 16QAM



Tx Channel		Bandwidth		1.4 MHz	Power	BW_1_4_MHz_lower UL	
Start [Hz]	Stop [Hz]	RW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-1.700 M	1.00 M	697.988000 M	-34.34	-50.32	-21.34	
-1.700 M	-700.000 k	20.00 k	698.999000 M	-25.30	-41.29	-12.30	
700.000 k	2.500 M	100.00 k	700.573000 M	-33.46	-49.45	-333.46	

Bandedge Band2 16QAM 1RB 1.4MHz CH23017

Date: 10.AUG.2017 17:13:02



Tx Channel		Bandwidth		1.4 MHz	Power	BW_1_4_MHz_higher UL	
Start [Hz]	Stop [Hz]	RW [Hz]	Freq [Hz]	PwrAbs [dBm]	PwrRel [dBc]	ΔLimit [dB]	
-2.500 M	-700.000 k	100.00 k	714.411000 M	-17.57	-37.98	-317.57	
700.000 k	1.700 M	20.00 k	716.001000 M	-20.73	-41.15	-7.73	
1.700 M	2.500 M	1.00 M	717.028000 M	-21.39	-41.80	-8.39	

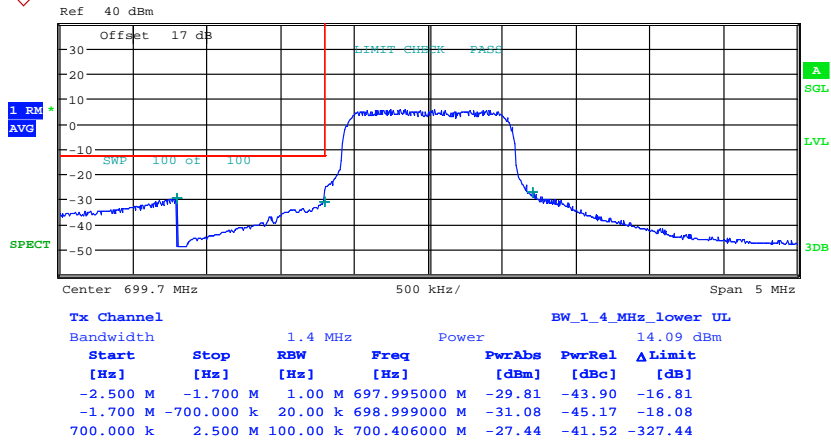
Bandedge Band12 16QAM 1RB 1.4MHz CH23173

Date: 10.AUG.2017 18:50:28



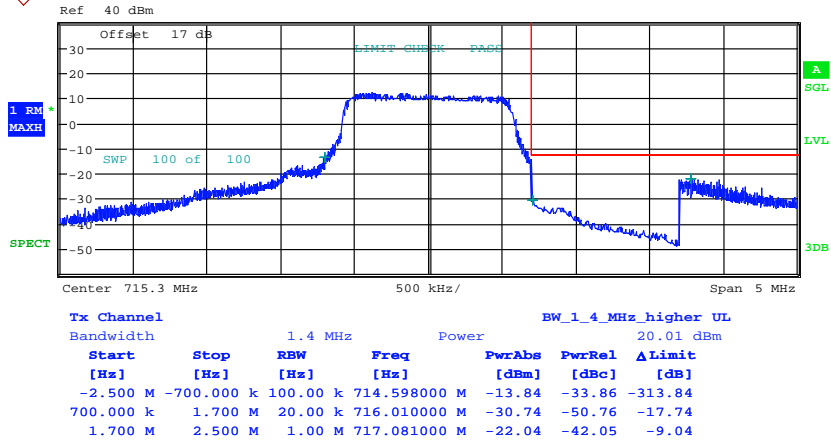
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band2 16QAM FRB 1.4MHz CH23017

Date: 10.AUG.2017 17:11:23



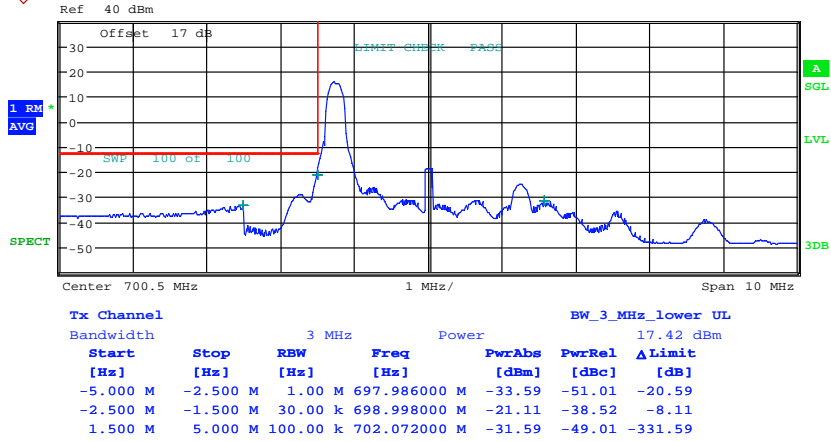
Bandedge Band12 16QAM FRB 1.4MHz CH23173

Date: 10.AUG.2017 18:48:50

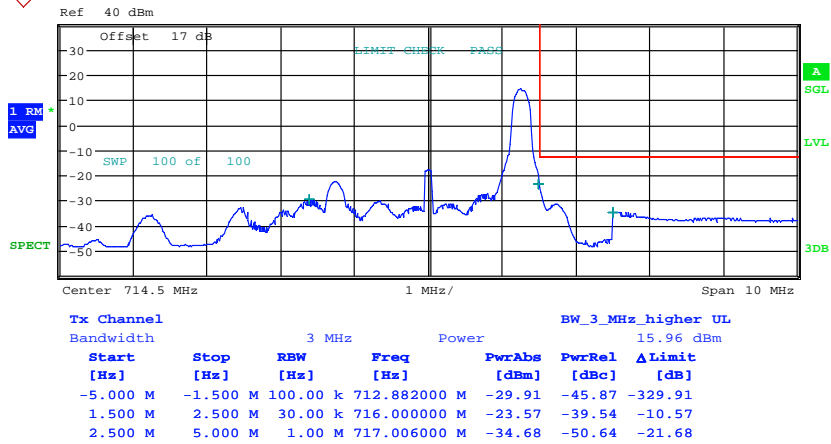


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 3 MHz 16QAM



Bandedge Band12 16QAM 1RB 3MHz CH23025
 Date: 11.AUG.2017 11:22:48

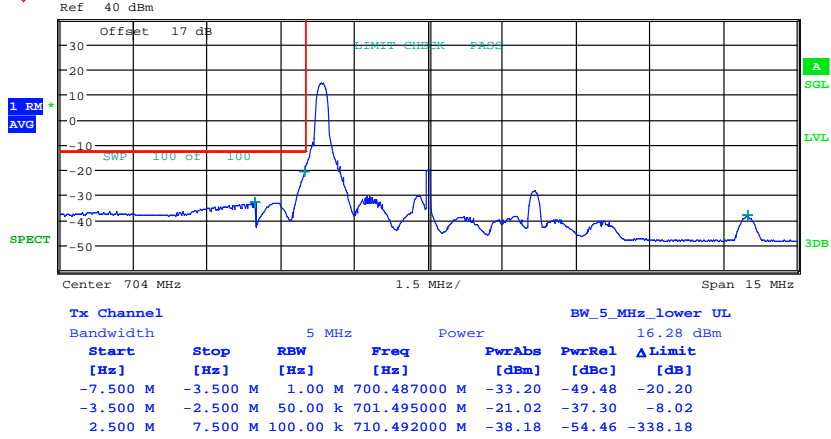


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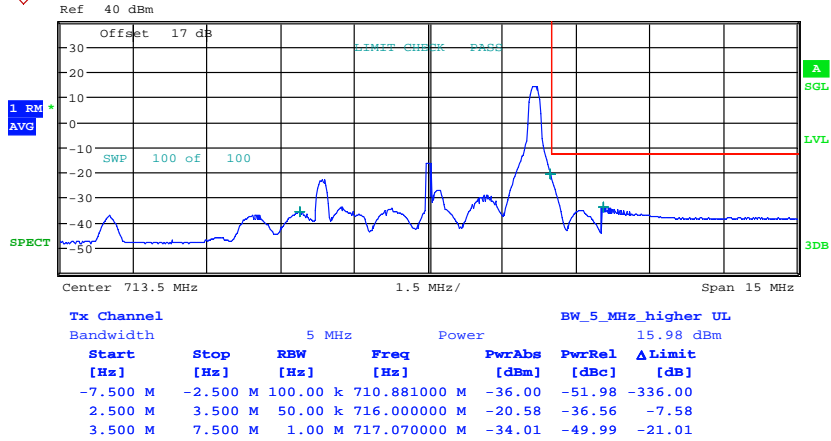


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3
 5 MHz 16QAM



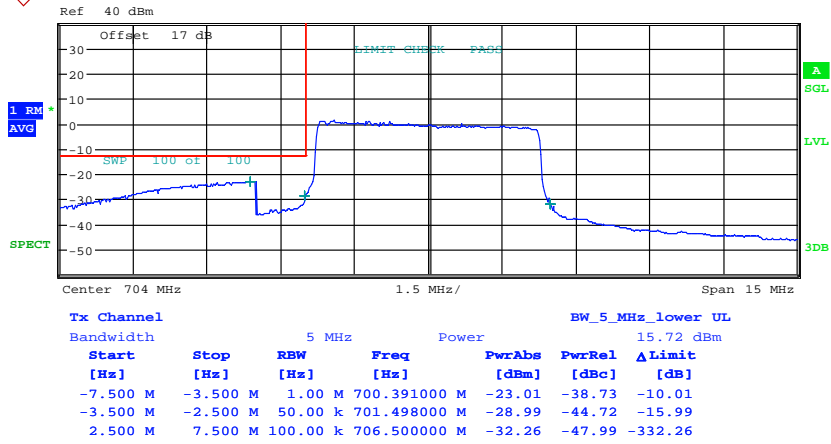
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 Date: 11.AUG.2017 14:19:43



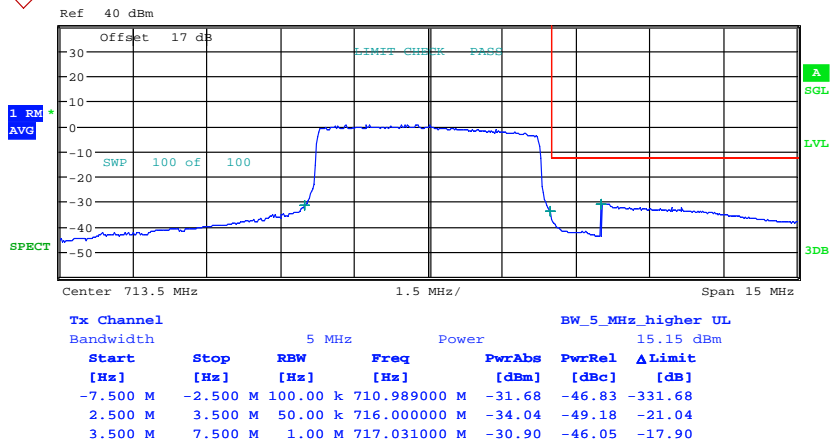
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 Date: 11.AUG.2017 16:03:50



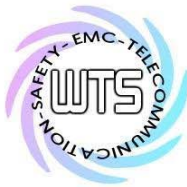
Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band12 16QAM FRB 5MHz CH23060
 Date: 11.AUG.2017 14:20:55



Bandedge Band12 16QAM FRB 5MHz CH23155
 Date: 11.AUG.2017 16:02:38

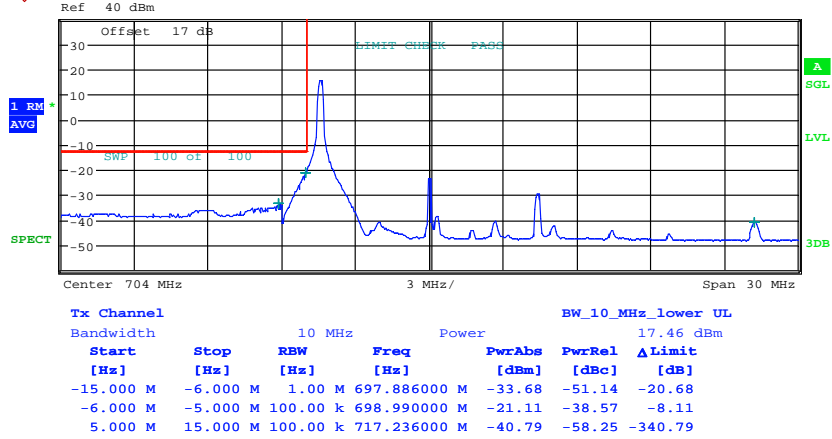


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R22104-20827-P-247

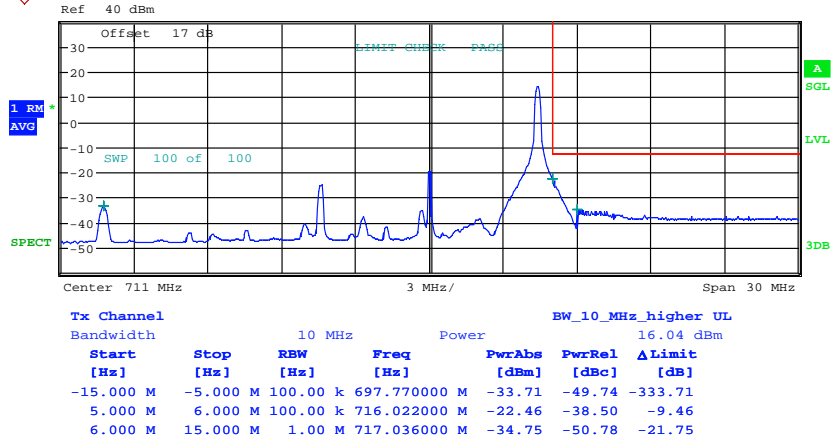
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10 MHz 16QAM



Bandedge Band12 16QAM 1RB 10MHz CH23060

Date: 11.AUG.2017 16:33:15

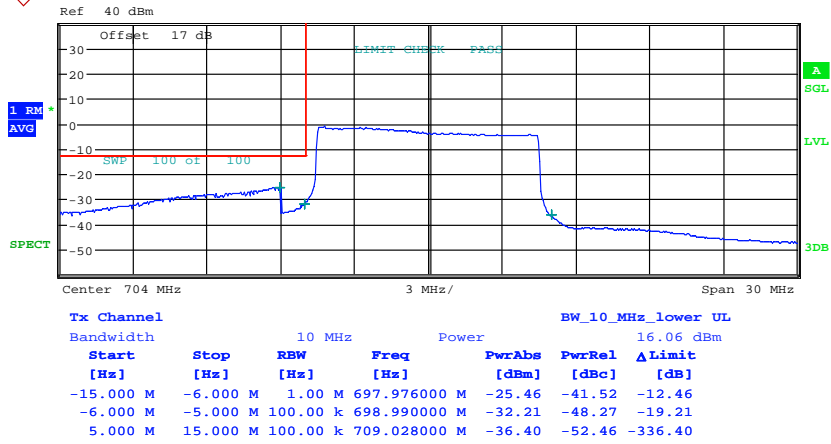


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Date: 11.AUG.2017 16:45:04

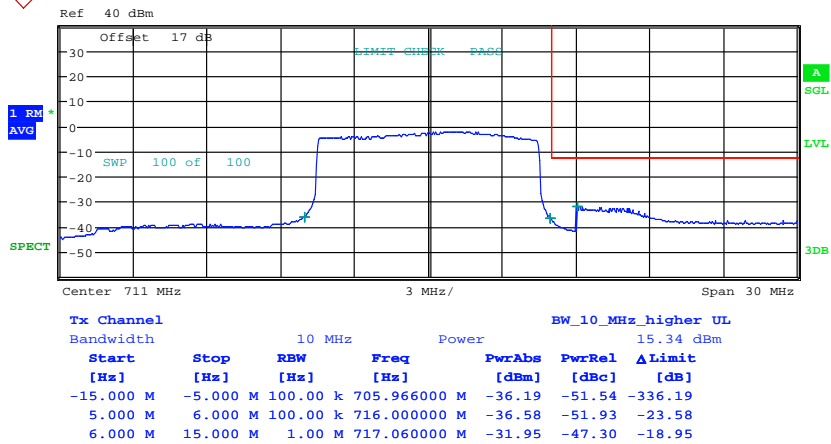


Report Number: W6R22104-20827-P-247
 FCC ID: GX9FPHUB3



Bandedge Band12 16QAM FRB 10MHz CH23060

Date: 11.AUG.2017 16:31:57



Bandedge Band12 16QAM FRB 10MHz CH23130

Date: 11.AUG.2017 16:46:33

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147, ETSTW-GSM 002, ETSTW-GSM 003