

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

3.2 Spurious emission (tx)

Spurious emission was measured with modulation (declared by manufacturer).

The field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

SAMPLE CALCULATION OF LIMIT. ALL results will be updated by an automatic measuring system in accordance with point 2.3.

The peak and average spurious emission plots was measured with the average limits.

The critical peak value listed in the table agree with the above calculated limits.

Summary table with radiated data of the test plots

Model: MV-ALS-STFM-D Date: --
 Mode: -- Temperature: -- °C Engineer: --
 Polarization: Horizontal Humidity: -- %

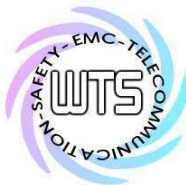
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--



Worldwide Testing Services(Taiwan) Co., Ltd.

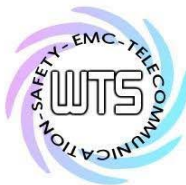
Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

- 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. **Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 4.69 dB, 1-18 GHz = ± 4.78 dB, 18-40 GHz = ± 2.44 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.**
 6. **Up Line: PK Limit Line, Down Line: Ave Limit Line.**
 7. **See attached diagrams in appendix.**

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

Test equipment used: ETSTW-RE 004, ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147,
ETSTW-RE 030, ETSTW-RE 088, ETSTW-RE 018



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

3.3 Radiated Emissions from Receiver Part

Model: MV-ALS-STFM-D Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: Horizontal Humidity: -- %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

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. **Measurement uncertainty for 3m measurement : 30-1000 MHz = ± 4.69 dB, 1-18 GHz = ±4.78 dB, 18-40 GHz= ±2.44 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.**
6. **This test is not required because the EUT is a transmitter only.**

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

Registration number: W6M21610-16289-C-1

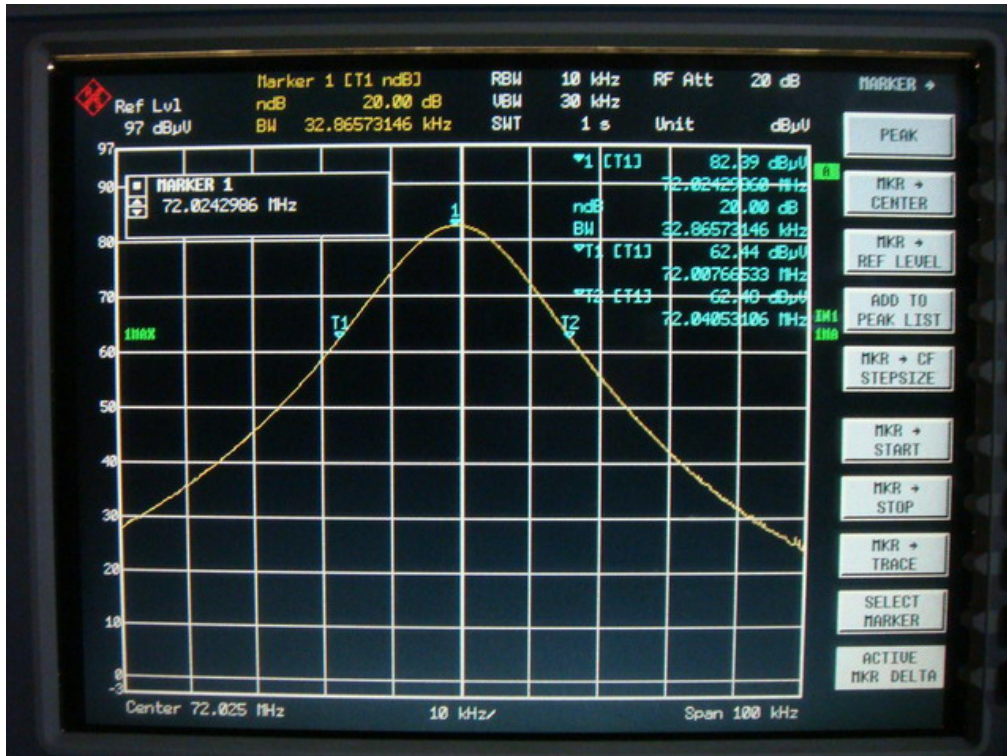
FCC ID: 2AHER-MVALSSTFMD

3.4 20dB Bandwidth

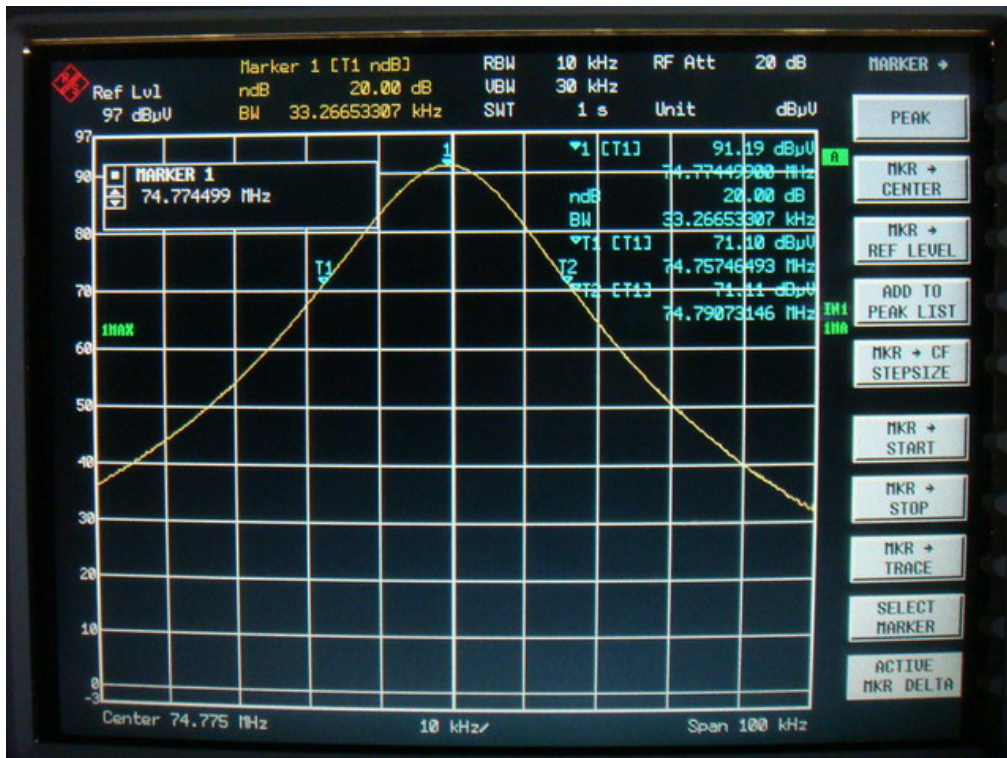
Dipole Antenna

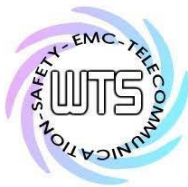
Narrow Band

72.025 MHz



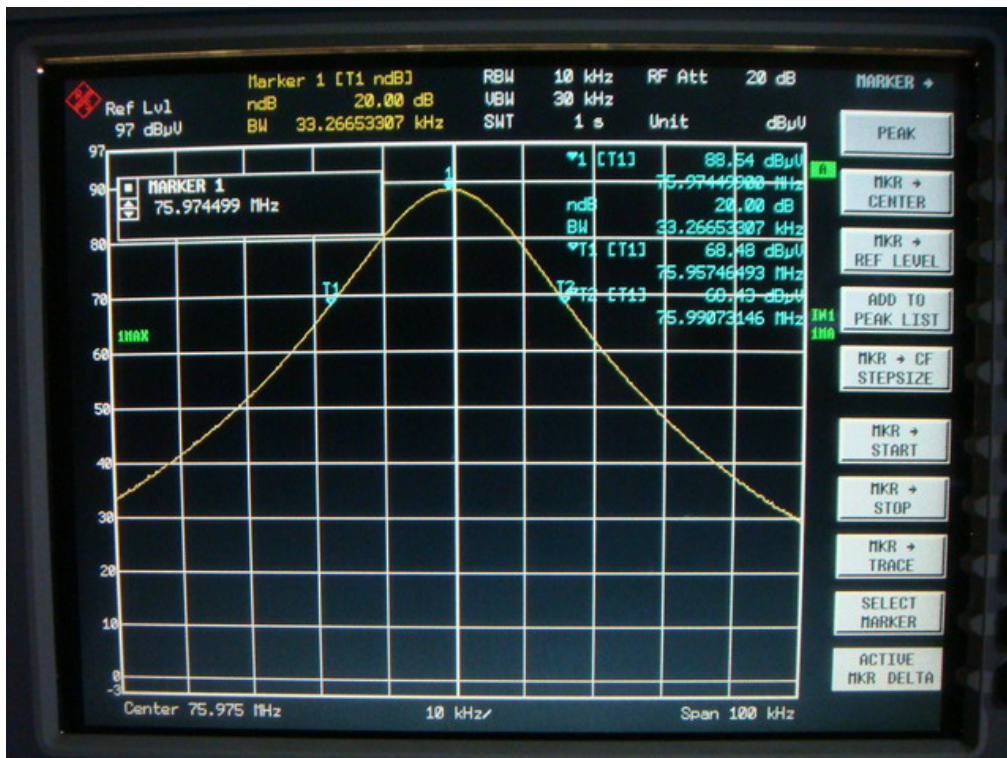
74.775 MHz



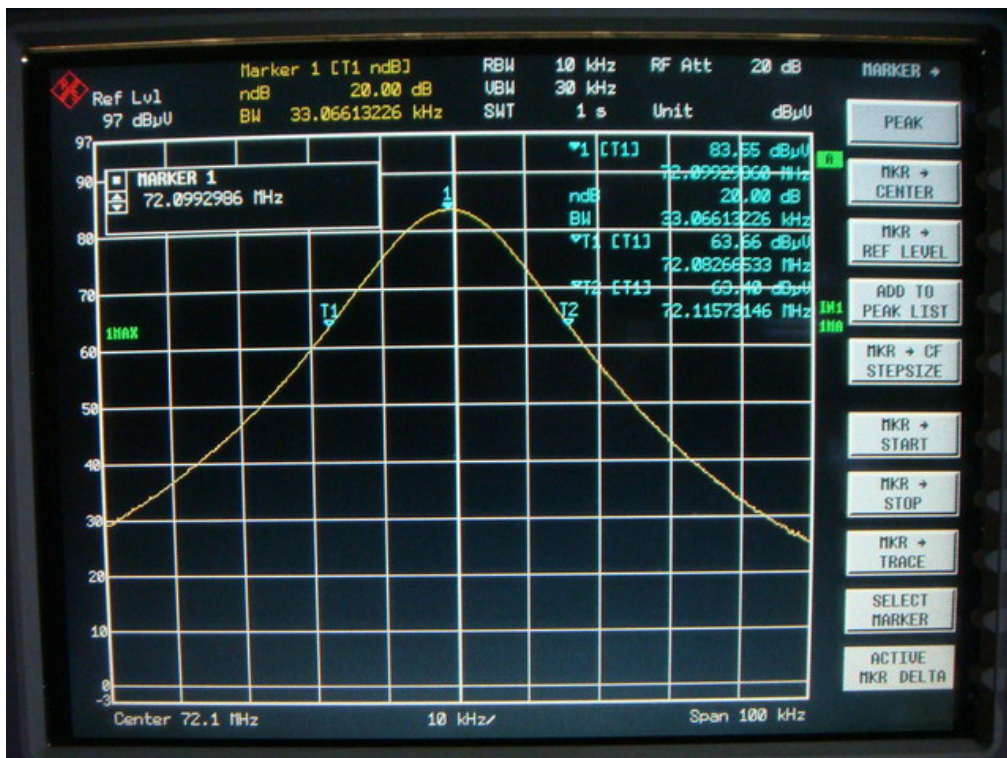


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1
FCC ID: 2AHER-MVALSSTFMD
75.975 MHz



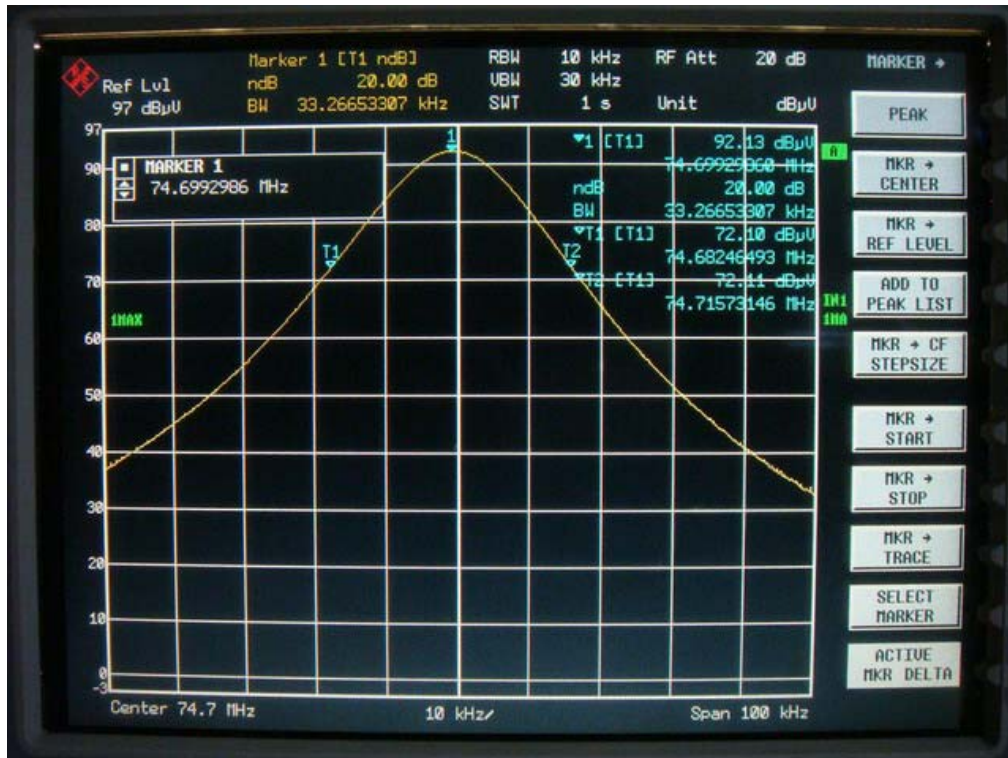
Wide Band
72.1 MHz



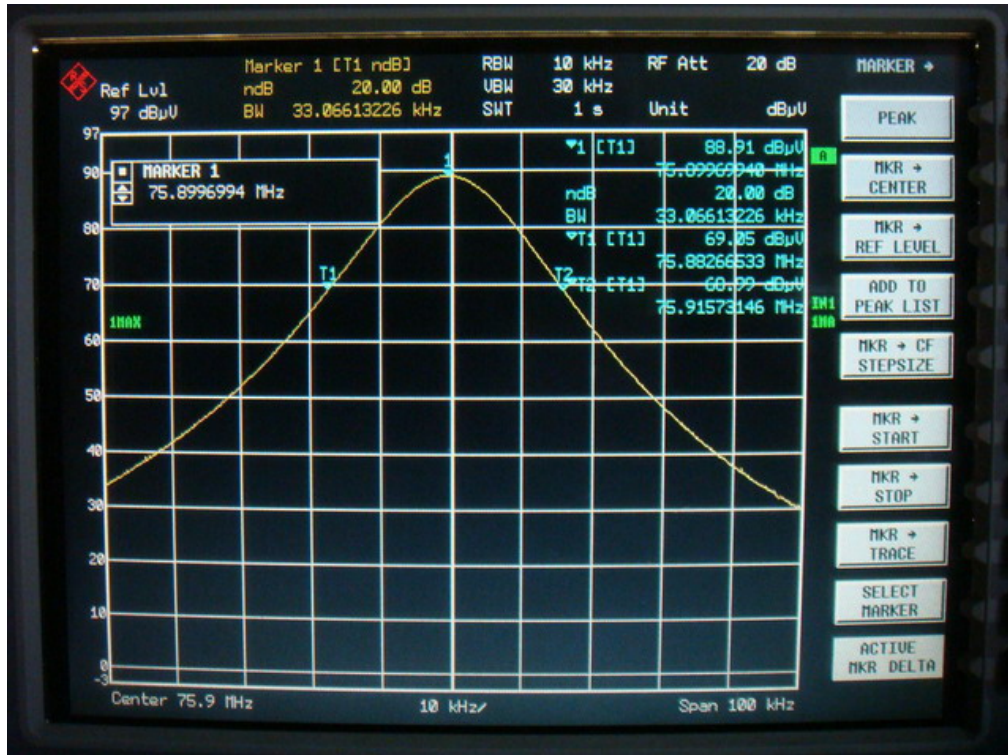
Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

74.7 MHz



75.9 MHz

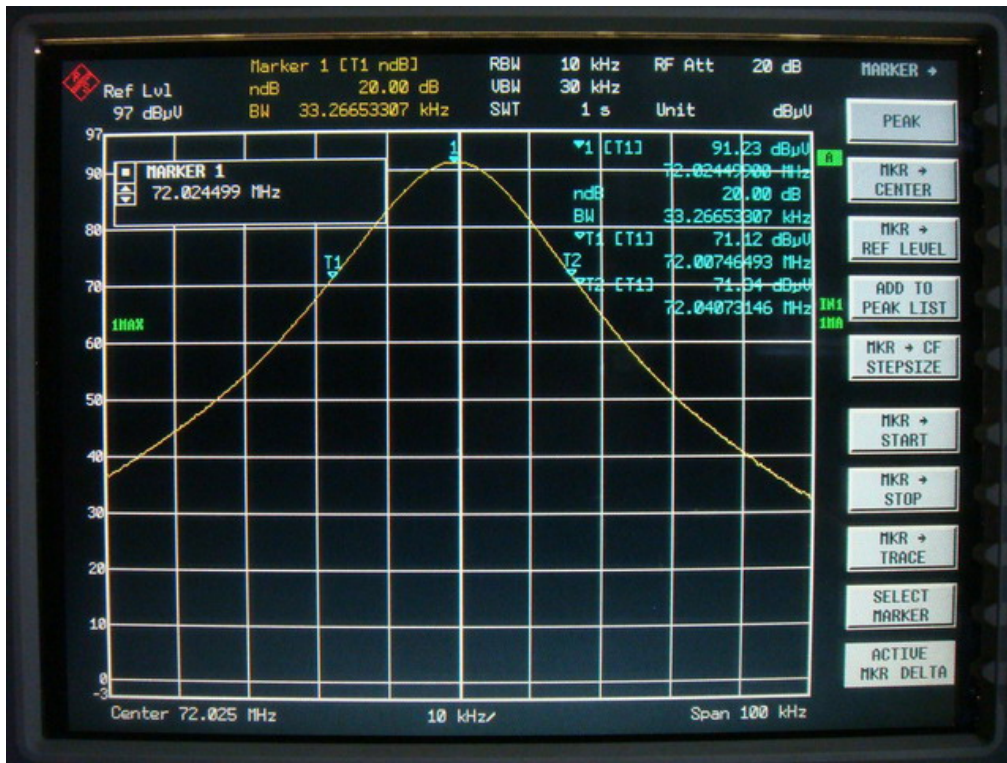


Registration number: W6M21610-16289-C-1

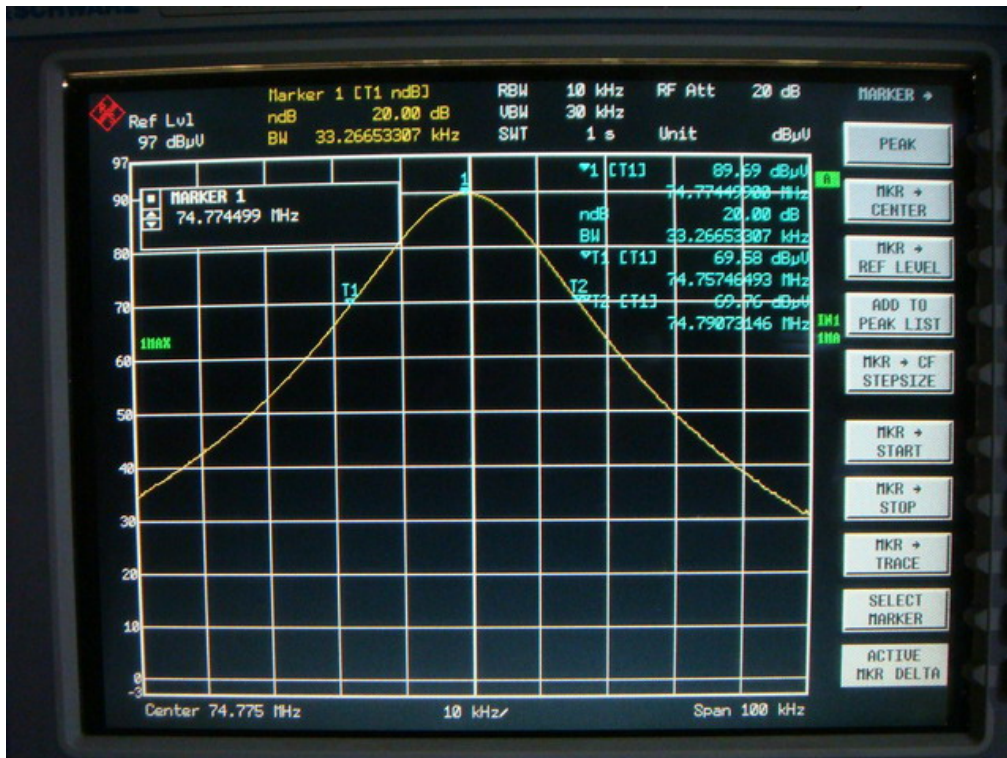
FCC ID: 2AHER-MVALSSTFMD

Helical Antenna

72.025 MHz



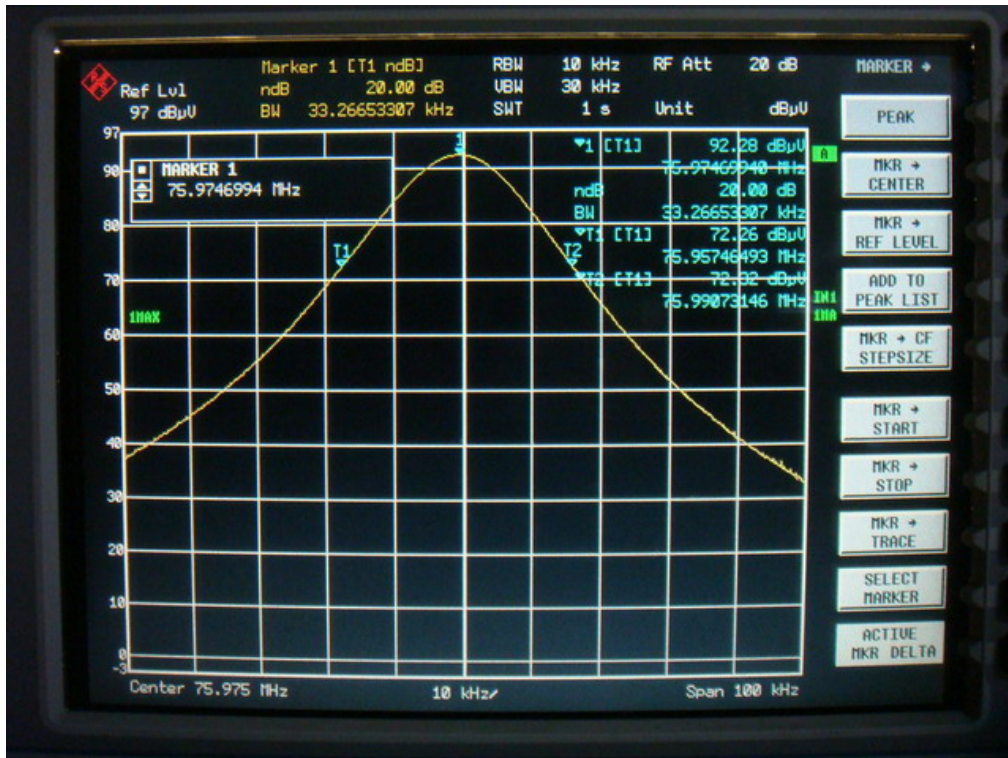
74.775 MHz



Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

75.975 MHz



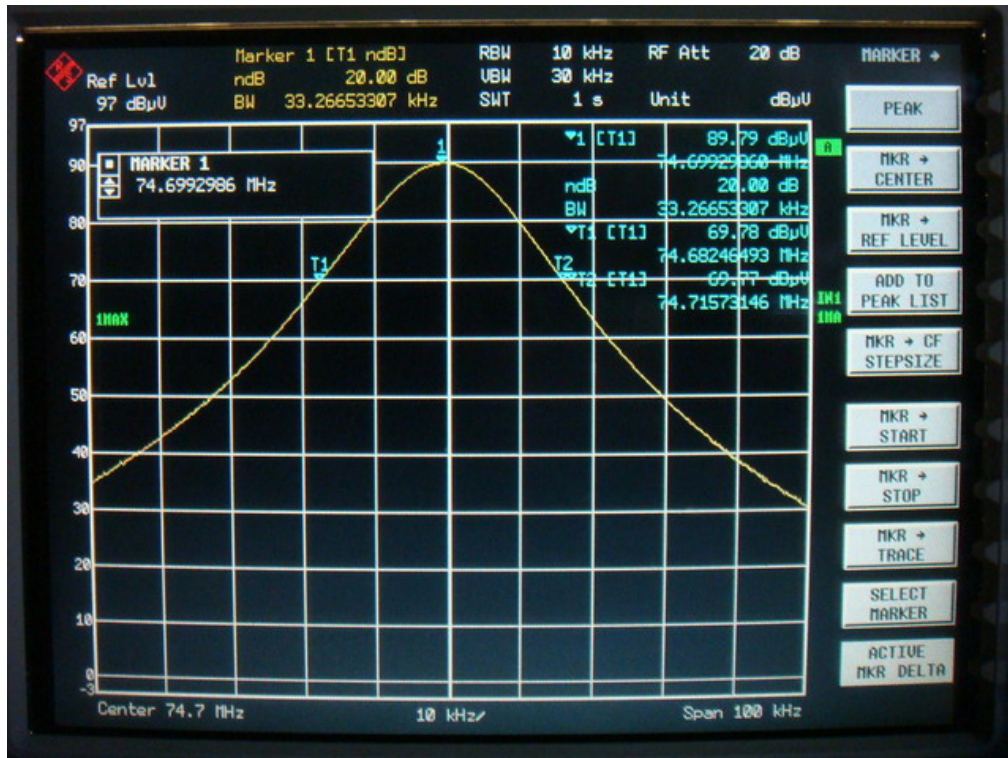
Wide Band
72.1 MHz



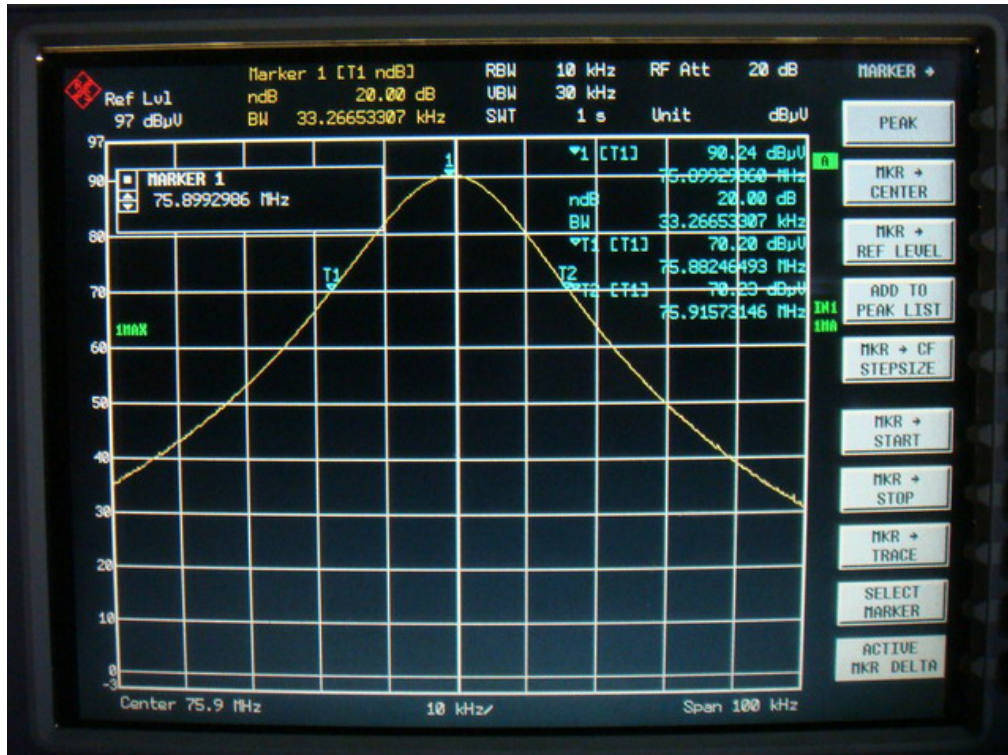
Registration number: W6M21610-16289-C-1

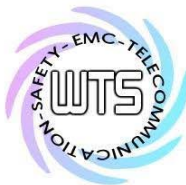
FCC ID: 2AHER-MVALSSTFMD

74.7 MHz



75.9 MHz





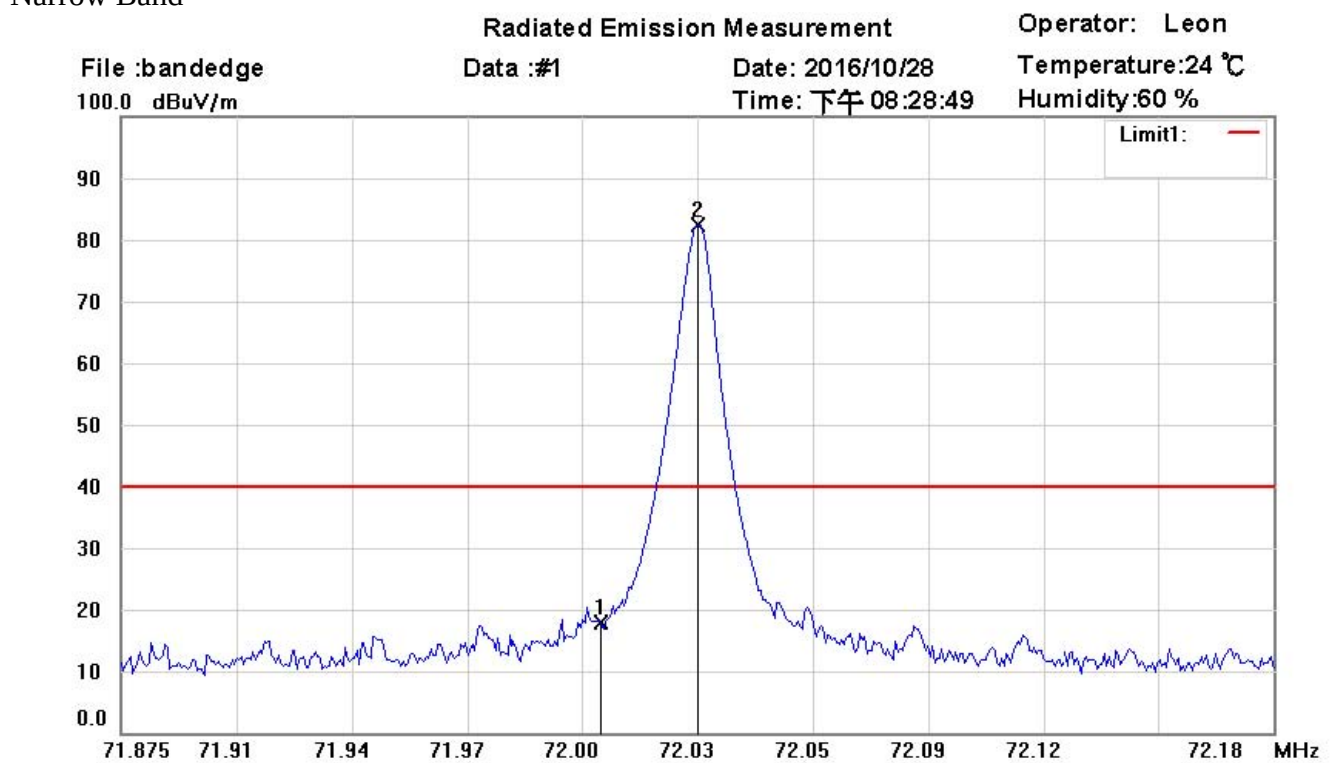
Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

3.5 Radiated Emission on the band edge

Dipole Antenna

Narrow Band



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	72.0000	2.32	peak	15.49	17.81	40.00	300	115	-22.19	
*	72.0253	66.99	peak	15.49	82.48	40.00	300	115	42.48	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	72MHz level	Delta	
82.48	17.81	64.67	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 08:34:43

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: **Vertical**

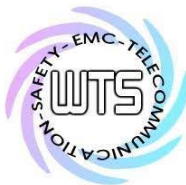
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	72.0000	2.17	peak	15.49	17.66	40.00	150	290	-22.34	
*	72.0253	65.67	peak	15.49	81.16	40.00	150	290	41.16	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	72MHz level	Delta	
81.16	17.66	63.5	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

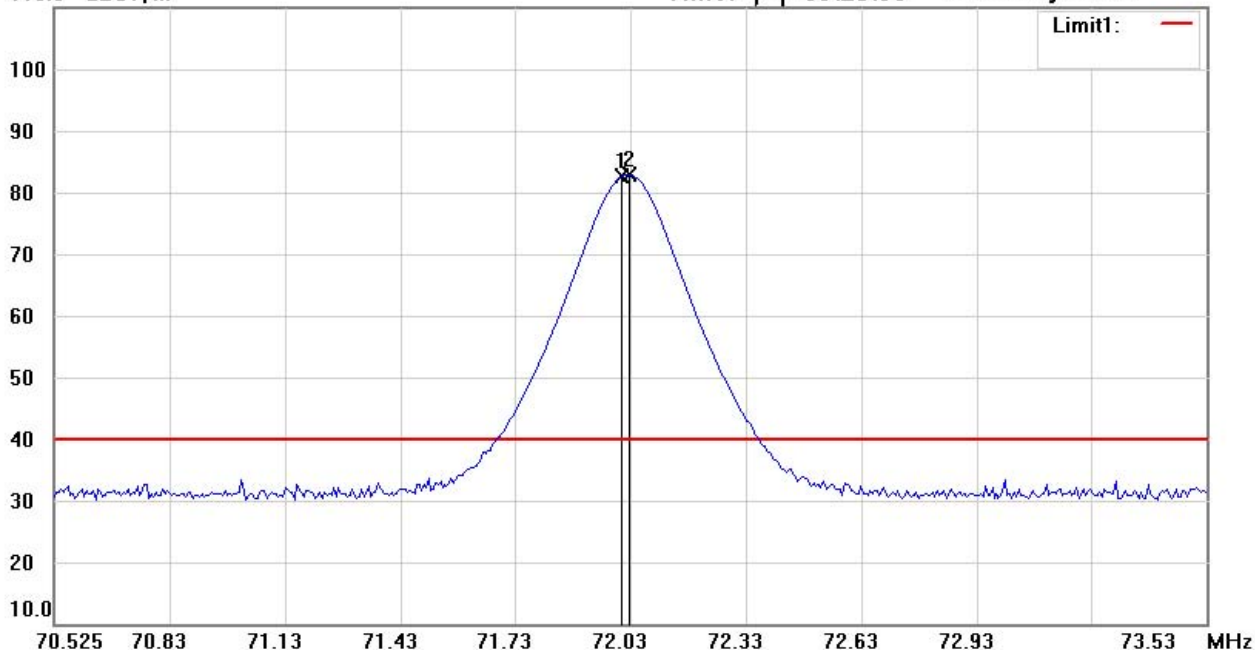
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 08:29:58

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

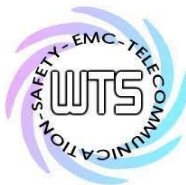
Test Mode : TX 72.025MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	72.0000	67.14	peak	15.49	82.63	40.00	300	115	42.63	
*	72.0220	67.38	peak	15.49	82.87	40.00	300	115	42.87	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
82.87	64.67	18.2	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

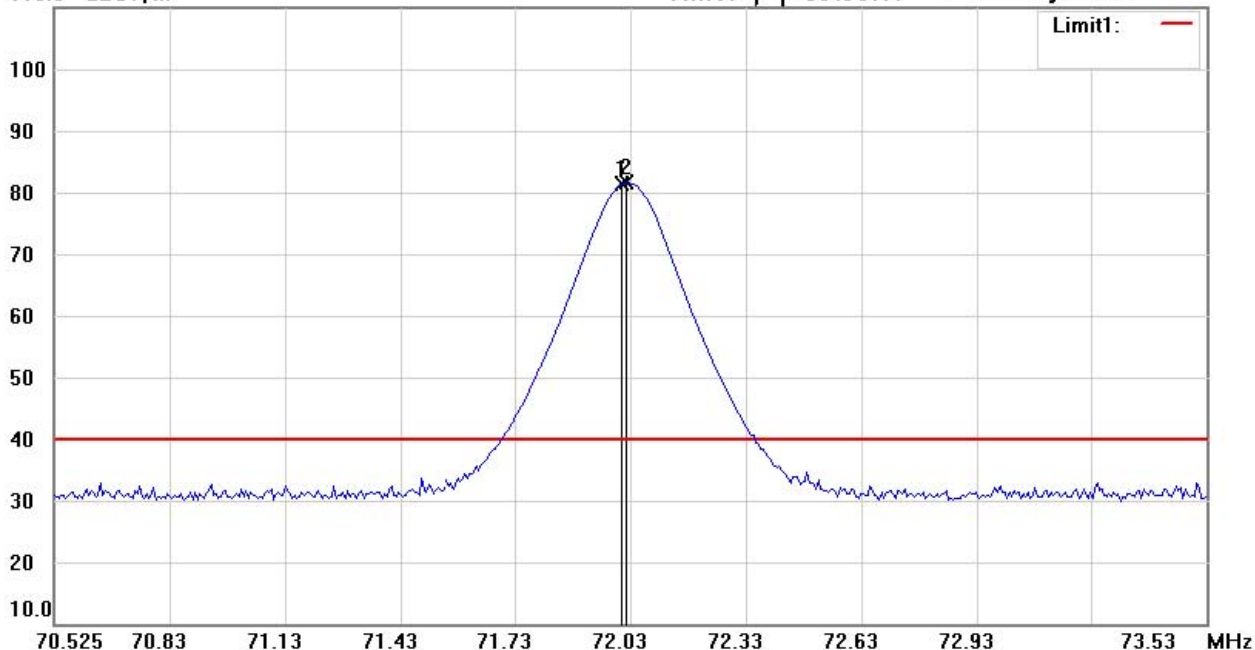
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 08:35:17

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

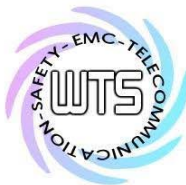
Test Mode : TX 72.025MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	72.0000	65.83	peak	15.49	81.32	40.00	150	290	41.32	
*	72.0160	66.08	peak	15.49	81.57	40.00	150	290	41.57	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
81.57	63.5	18.07	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

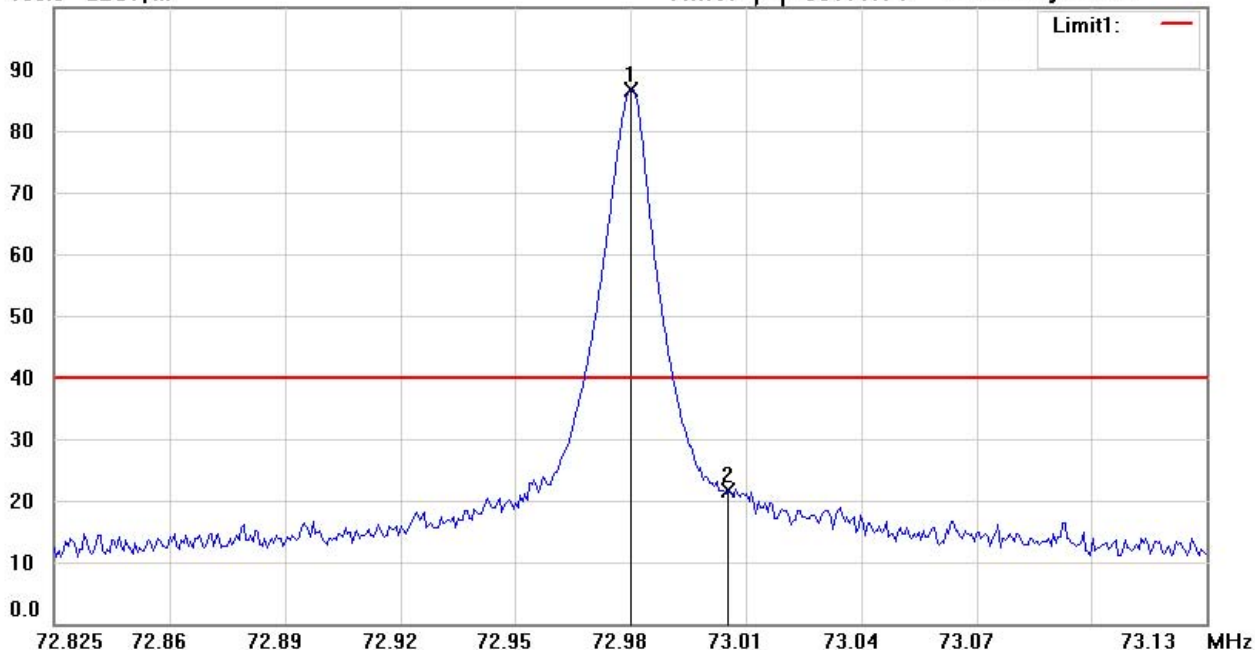
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 08:41:14

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: *Horizontal*

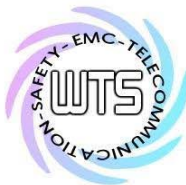
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	72.9753	71.20	peak	15.46	86.66	40.00	305	100	46.66	
	73.0000	6.08	peak	15.46	21.54	40.00	305	100	-18.46	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	73MHz level	Delta	
86.66	21.54	65.12	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 08:46:44

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: **Vertical**

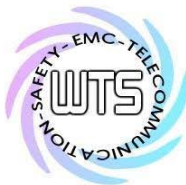
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	72.9753	69.48	peak	15.46	84.94	40.00	150	290	44.94	
	73.0000	4.46	peak	15.46	19.92	40.00	150	290	-20.08	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	73MHz level	Delta	
84.94	19.92	65.02	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

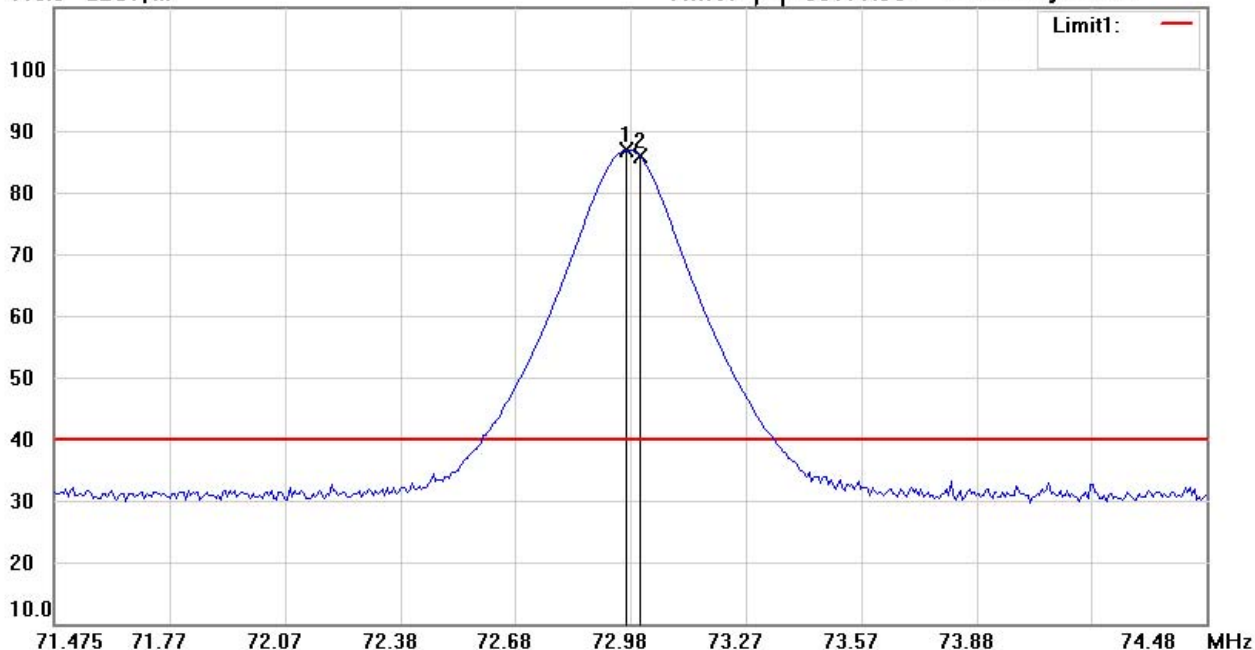
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 08:41:55

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

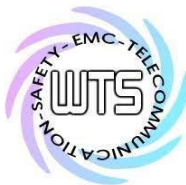
Test Mode : TX 72.975MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	72.9660	71.48	peak	15.46	86.94	40.00	305	100	46.94	
X	73.0000	70.35	peak	15.46	85.81	40.00	305	100	45.81	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
86.94	65.12	21.82	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

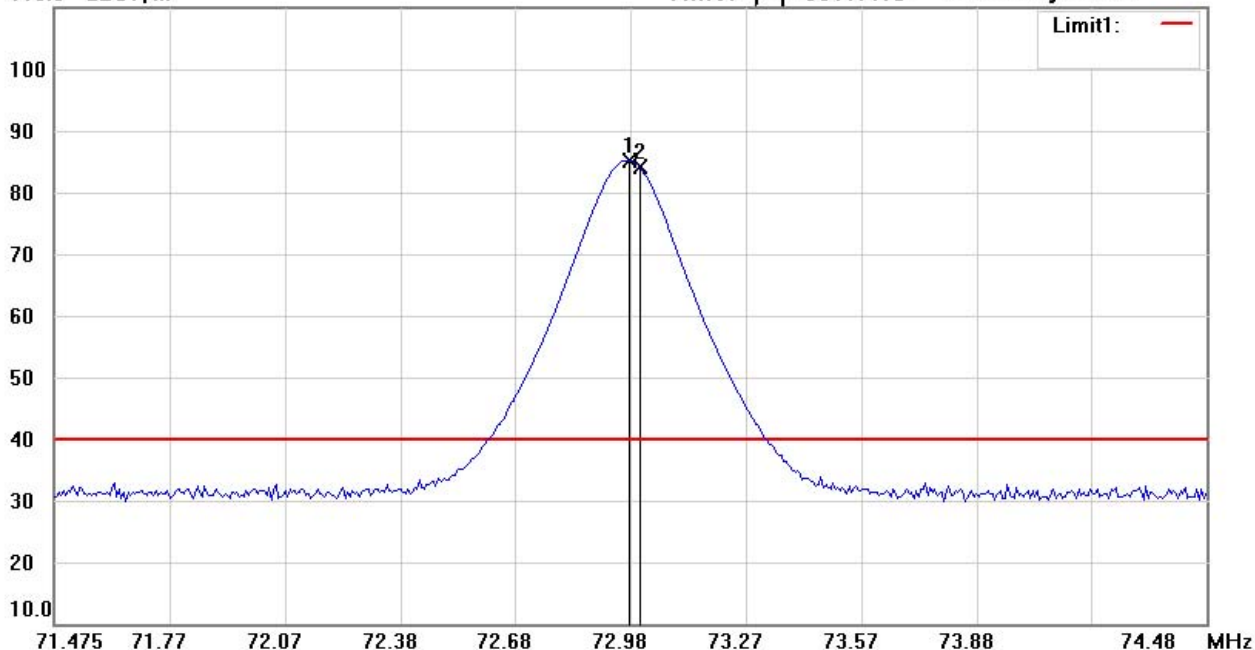
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 08:47:19

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

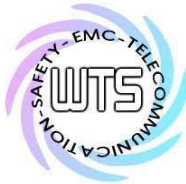
Test Mode : TX 72.975MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	72.9720	69.75	peak	15.46	85.21	40.00	150	290	45.21	
X	73.0000	68.55	peak	15.46	84.01	40.00	150	290	44.01	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
85.21	65.02	20.19	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

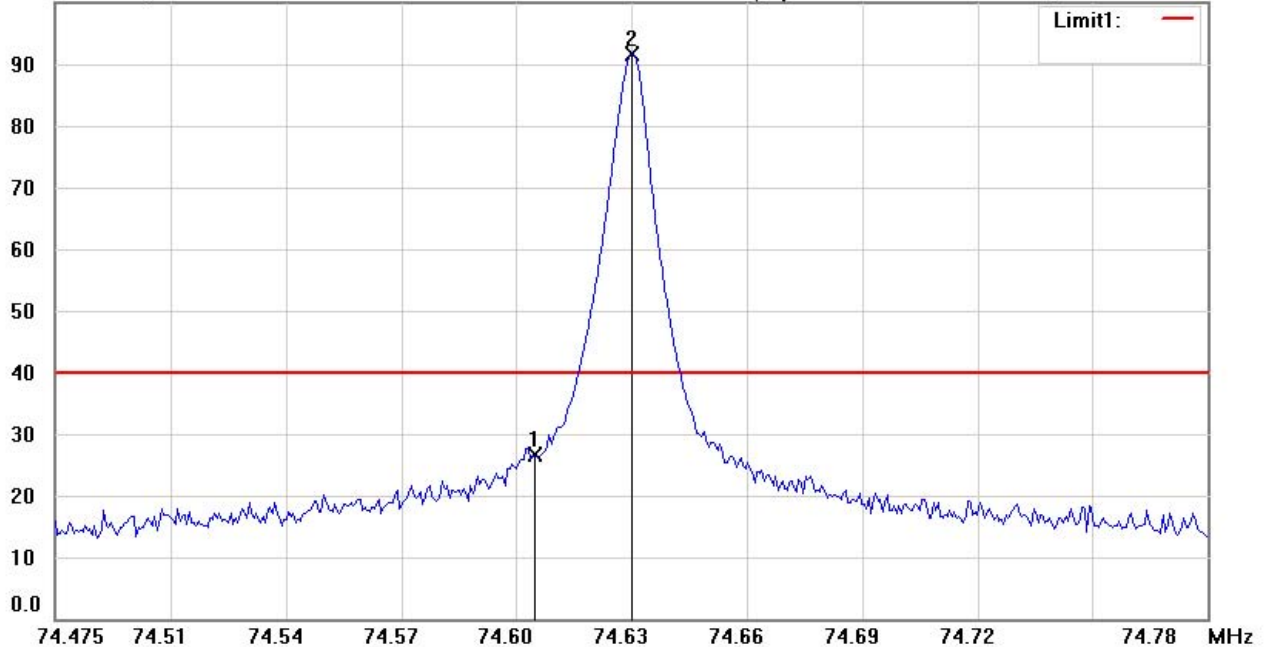
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 08:55:36

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: *Horizontal*

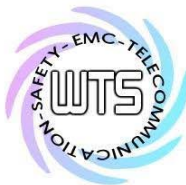
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	74.6000	11.09	peak	15.42	26.51	40.00	300	105	-13.49	
*	74.6253	76.13	peak	15.42	91.55	40.00	300	105	51.55	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.6MHz level	Delta	
91.55	26.51	65.04	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

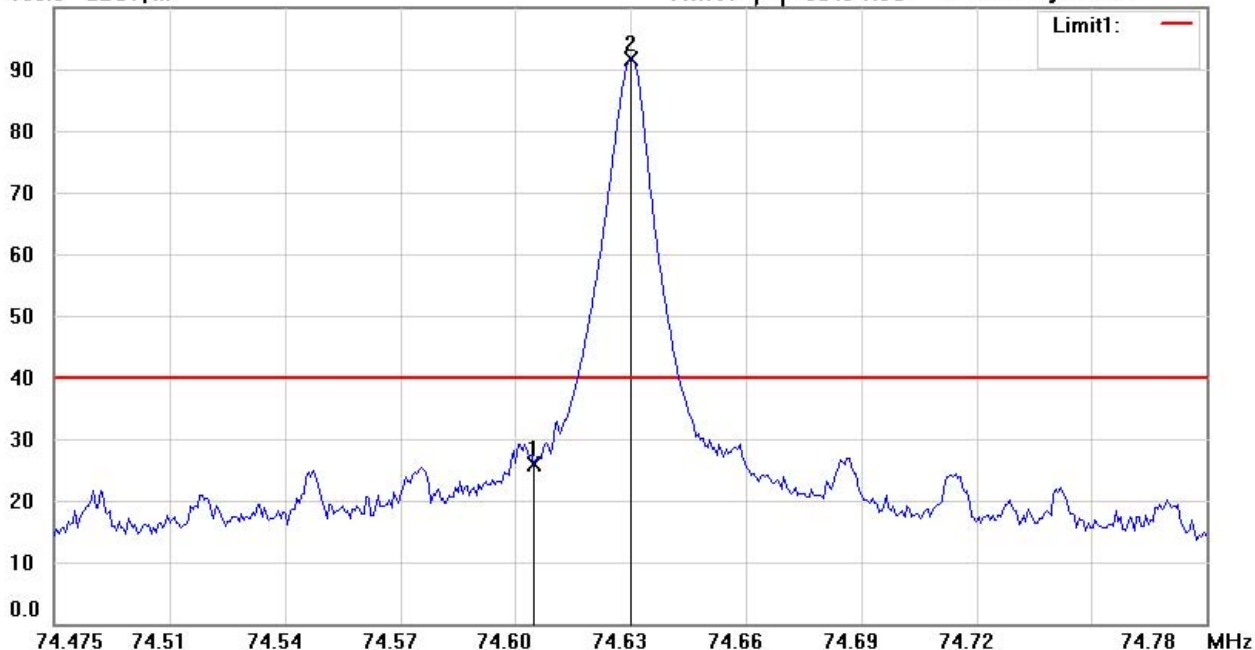
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:04:59

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: Vertical

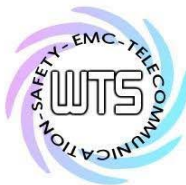
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	74.6000	10.52	peak	15.42	25.94	40.00	150	300	-14.06	
*	74.6253	76.12	peak	15.42	91.54	40.00	150	300	51.54	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.6MHz level	Delta	
91.54	25.94	65.6	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

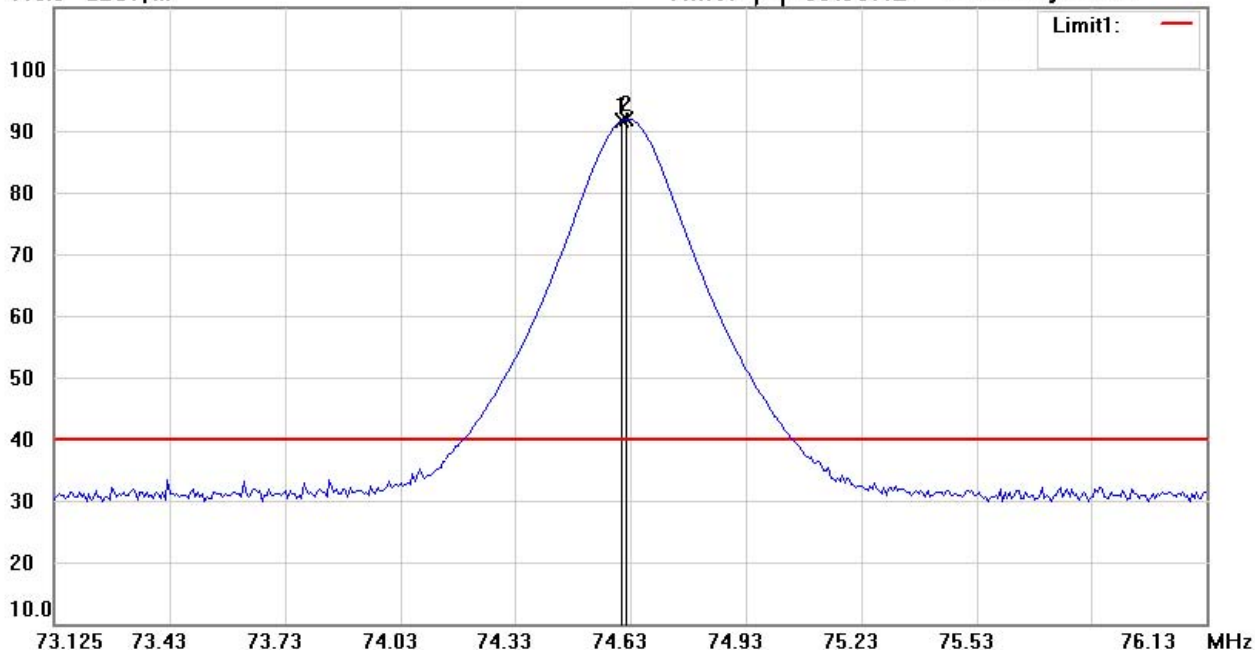
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 08:56:42

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

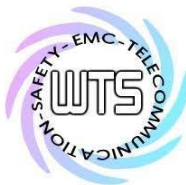
Test Mode : TX 74.625MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	74.6000	76.27	peak	15.42	91.69	40.00	300	105	51.69	
*	74.6160	76.44	peak	15.42	91.86	40.00	300	105	51.86	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
91.86	65.04	26.82	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

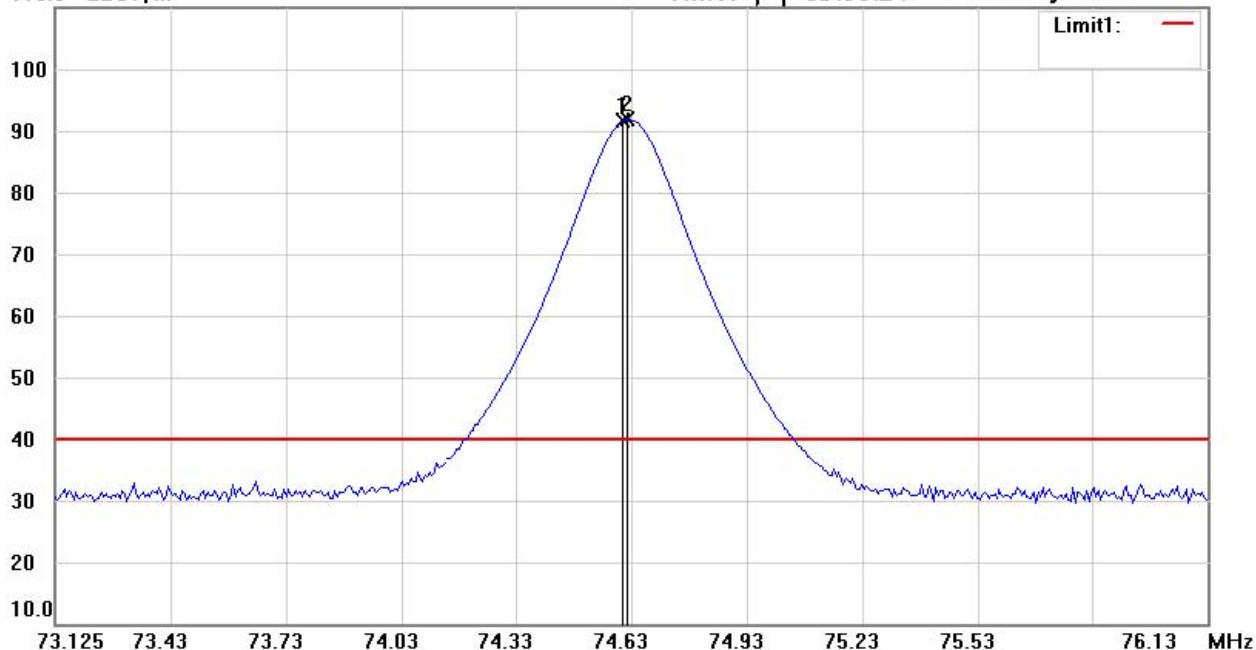
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:05:24

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

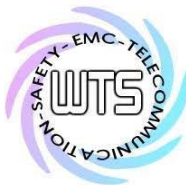
Test Mode : TX 74.625MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	74.6000	76.20	peak	15.42	91.62	40.00	150	300	51.62	
*	74.6160	76.39	peak	15.42	91.81	40.00	150	300	51.81	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
91.81	65.6	26.21	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

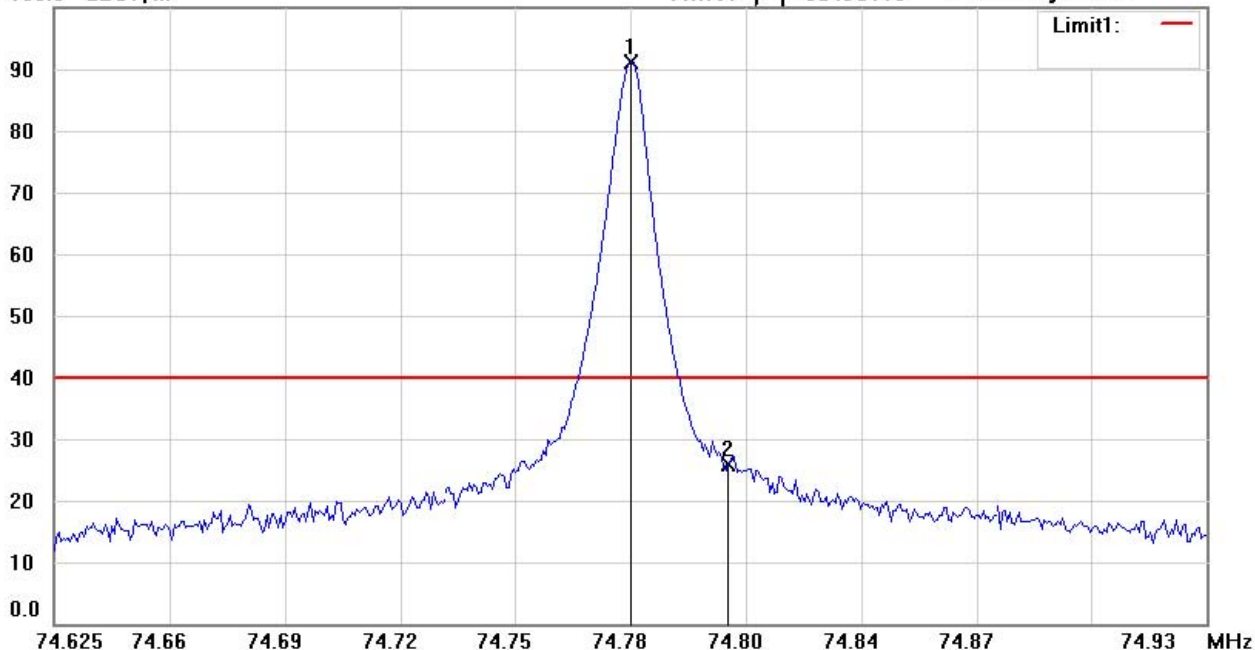
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:09:48

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: *Horizontal*

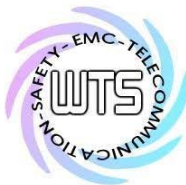
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	74.7753	75.72	peak	15.41	91.13	40.00	305	100	51.13	
	74.8000	10.59	peak	15.41	26.00	40.00	305	100	-14.00	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.8MHz level	Delta	
91.13	26	65.13	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

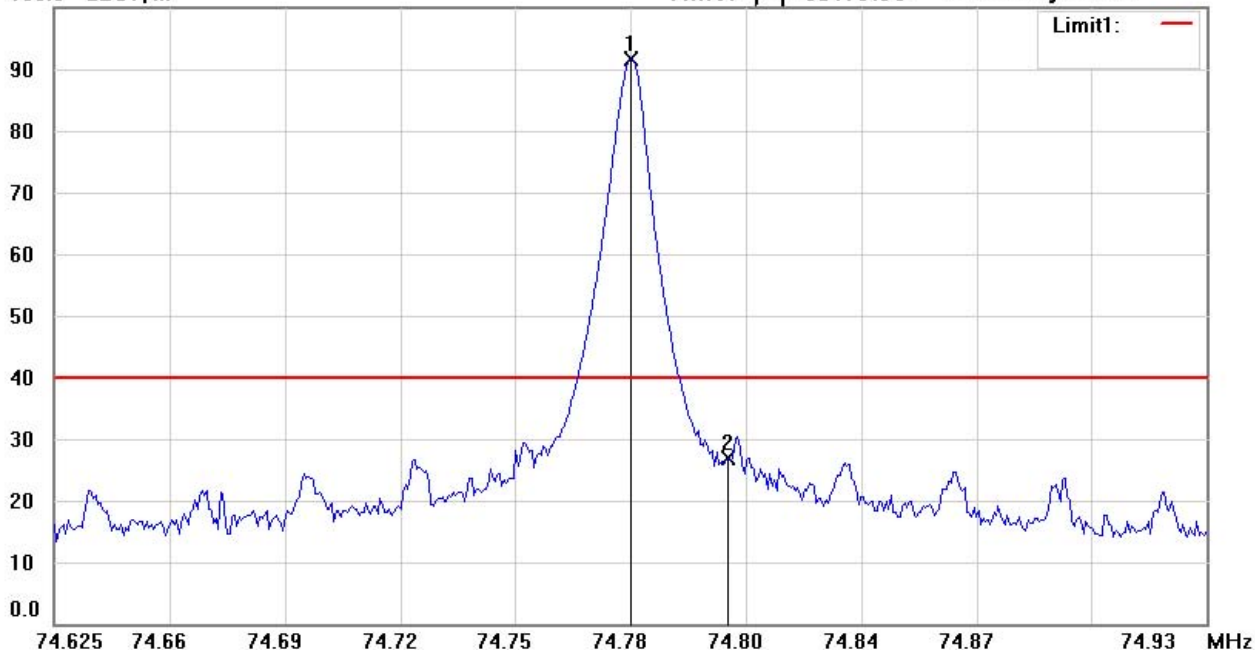
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:15:05

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: Vertical

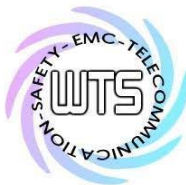
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	74.7753	76.10	peak	15.41	91.51	40.00	150	290	51.51	
	74.8000	11.36	peak	15.41	26.77	40.00	150	290	-13.23	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.8MHz level	Delta	
91.51	26.77	64.74	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

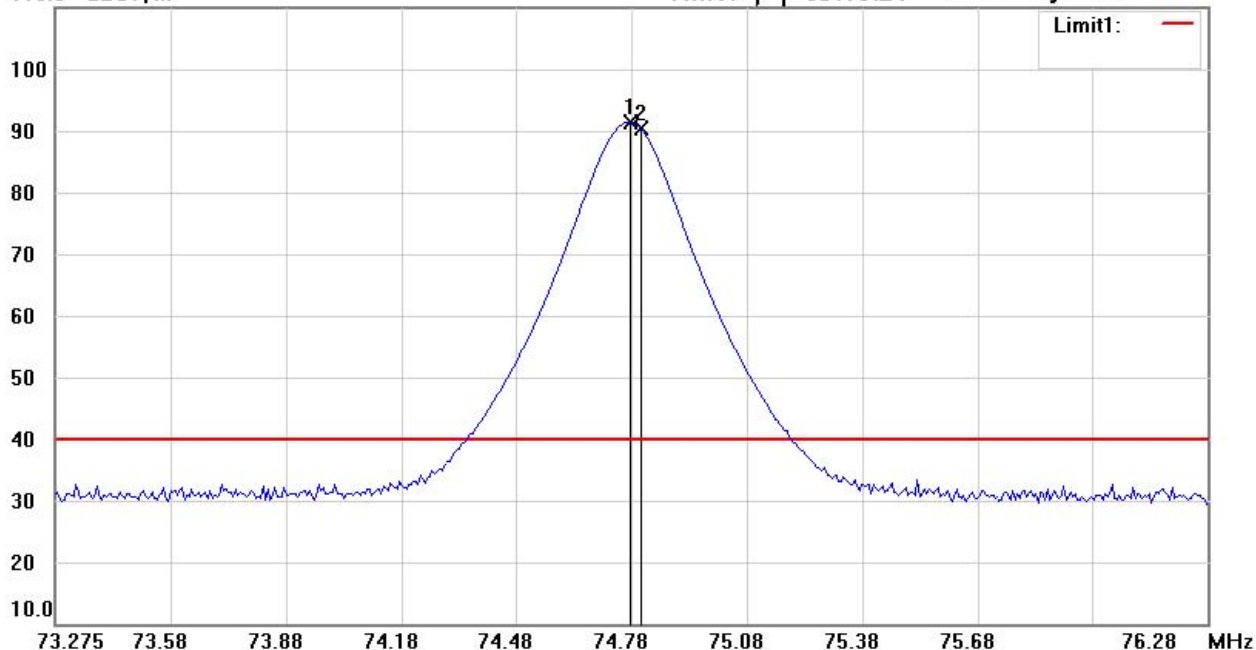
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:10:21

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

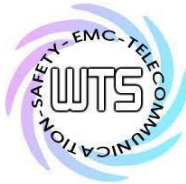
Test Mode : TX 74.775MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	74.7720	75.95	peak	15.41	91.36	40.00	305	100	51.36	
X	74.8000	74.86	peak	15.41	90.27	40.00	305	100	50.27	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
91.36	65.13	26.23	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

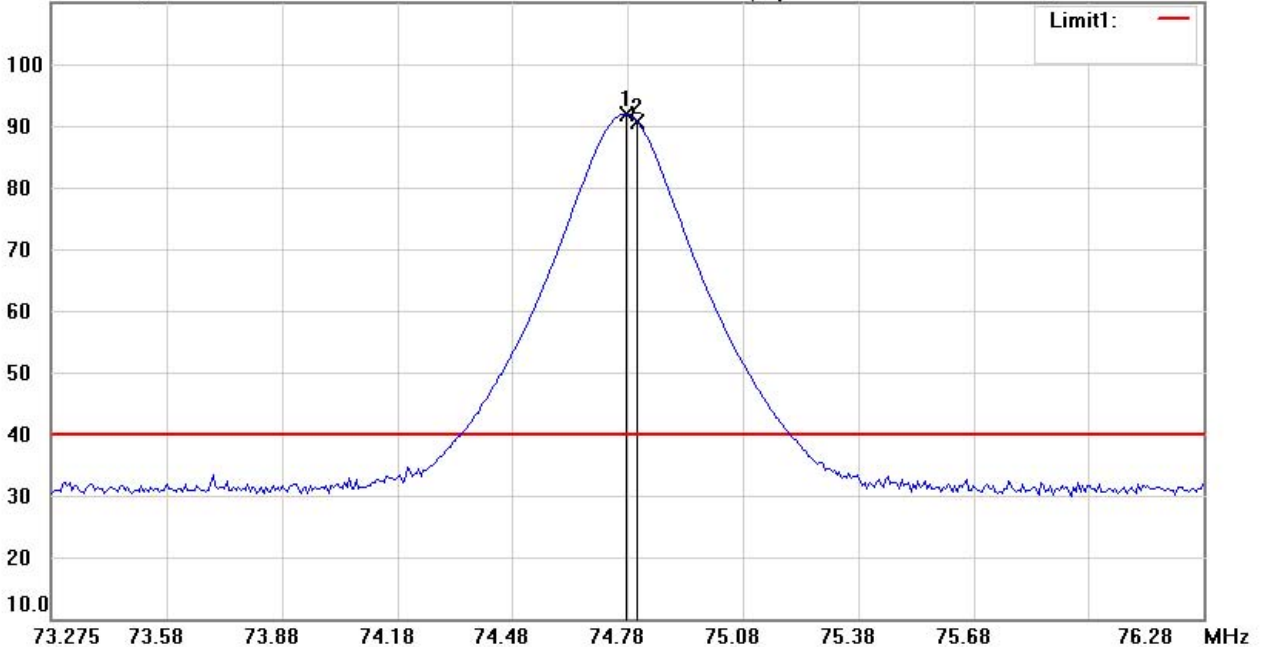
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:15:34

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: Vertical

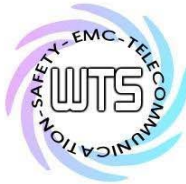
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	74.7720	76.42	peak	15.41	91.83	40.00	150	290	51.83	
X	74.8000	75.26	peak	15.41	90.67	40.00	150	290	50.67	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
91.83	64.74	27.09	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

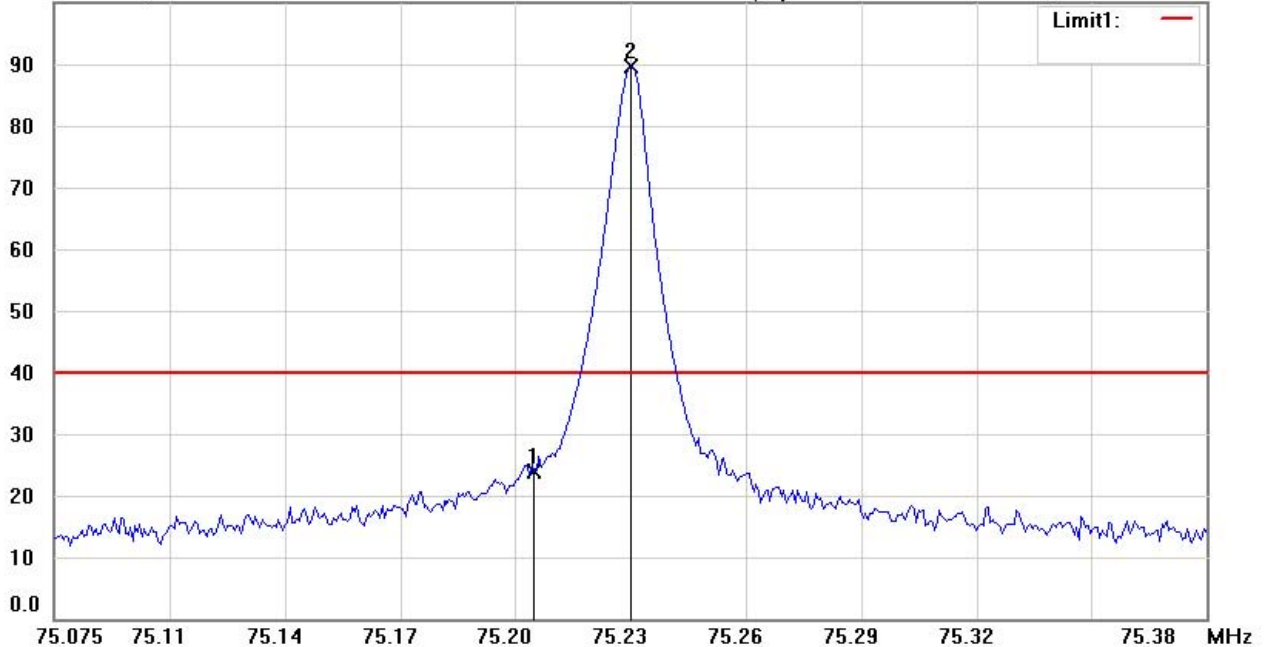
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:22:36

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: *Horizontal*

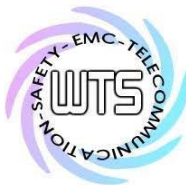
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	75.2000	8.44	peak	15.40	23.84	40.00	280	100	-16.16	
*	75.2253	74.11	peak	15.40	89.51	40.00	280	100	49.51	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	75.2MHz level	Delta	
89.51	23.84	65.67	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

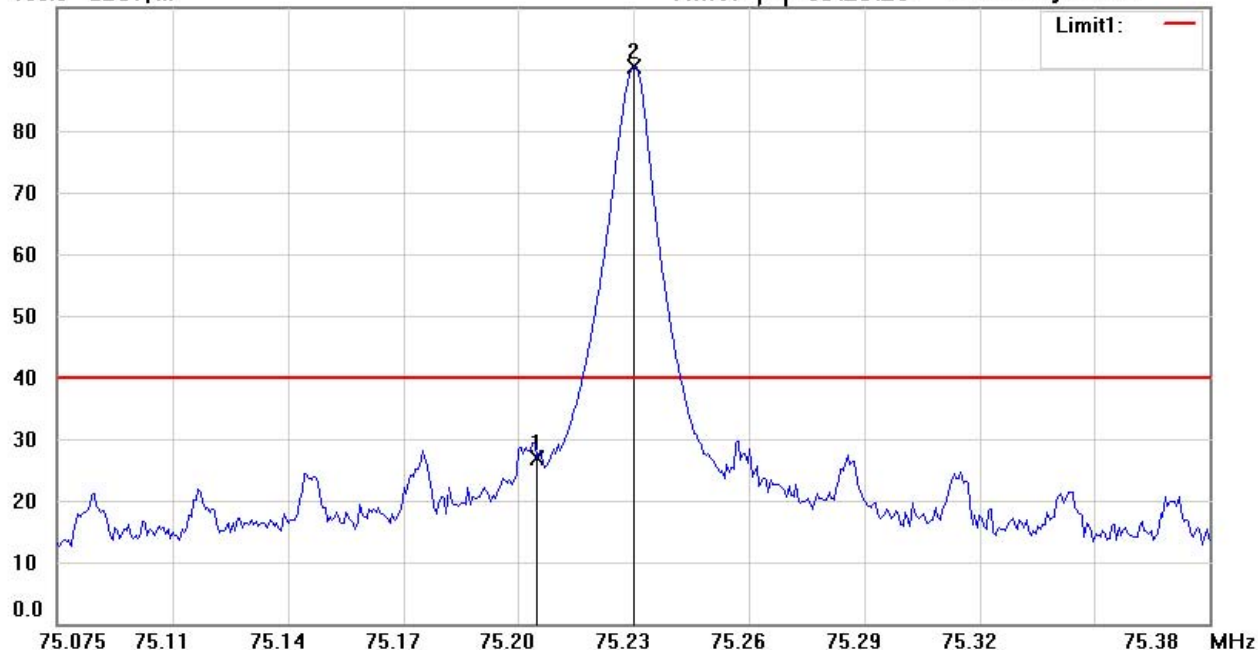
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:29:25

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: **Vertical**

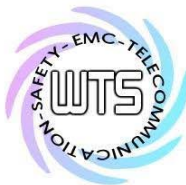
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	75.2000	11.55	peak	15.40	26.95	40.00	150	310	-13.05	
*	75.2253	75.01	peak	15.40	90.41	40.00	150	310	50.41	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	75.2MHz level	Delta	
90.41	26.95	63.46	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

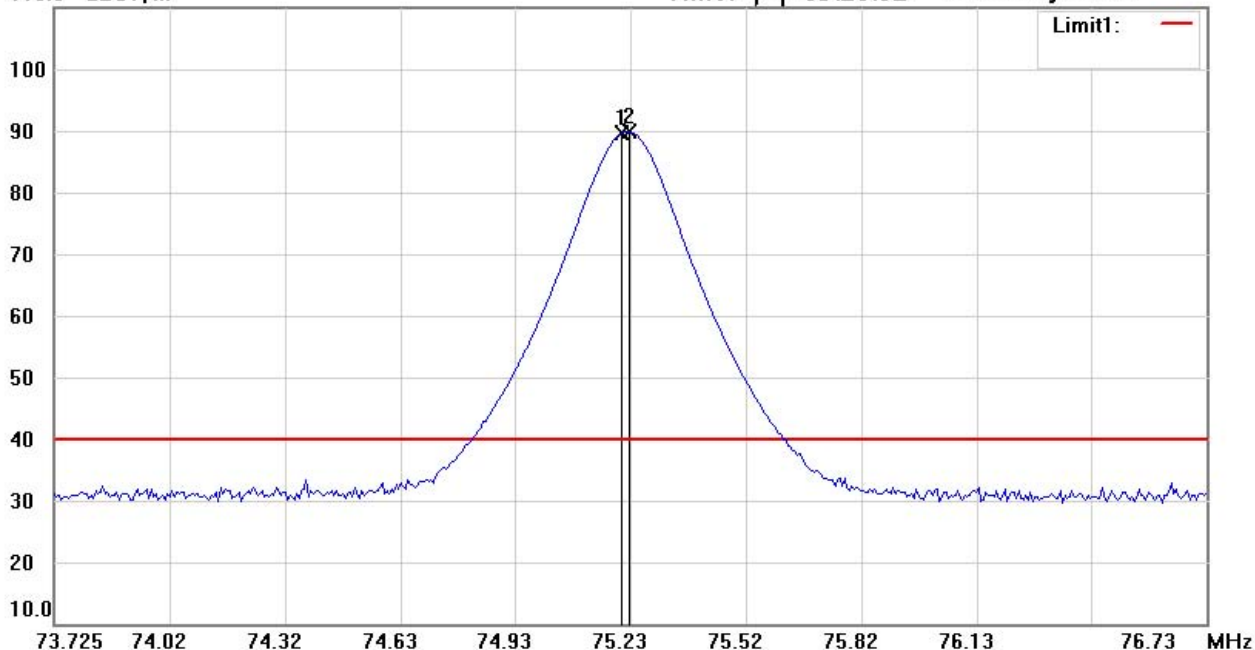
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:23:02

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

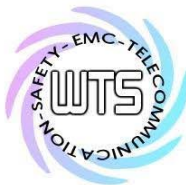
Test Mode : TX 75.225MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	75.2000	74.27	peak	15.40	89.67	40.00	280	100	49.67	
*	75.2220	74.42	peak	15.40	89.82	40.00	280	100	49.82	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
89.82	65.67	24.15	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

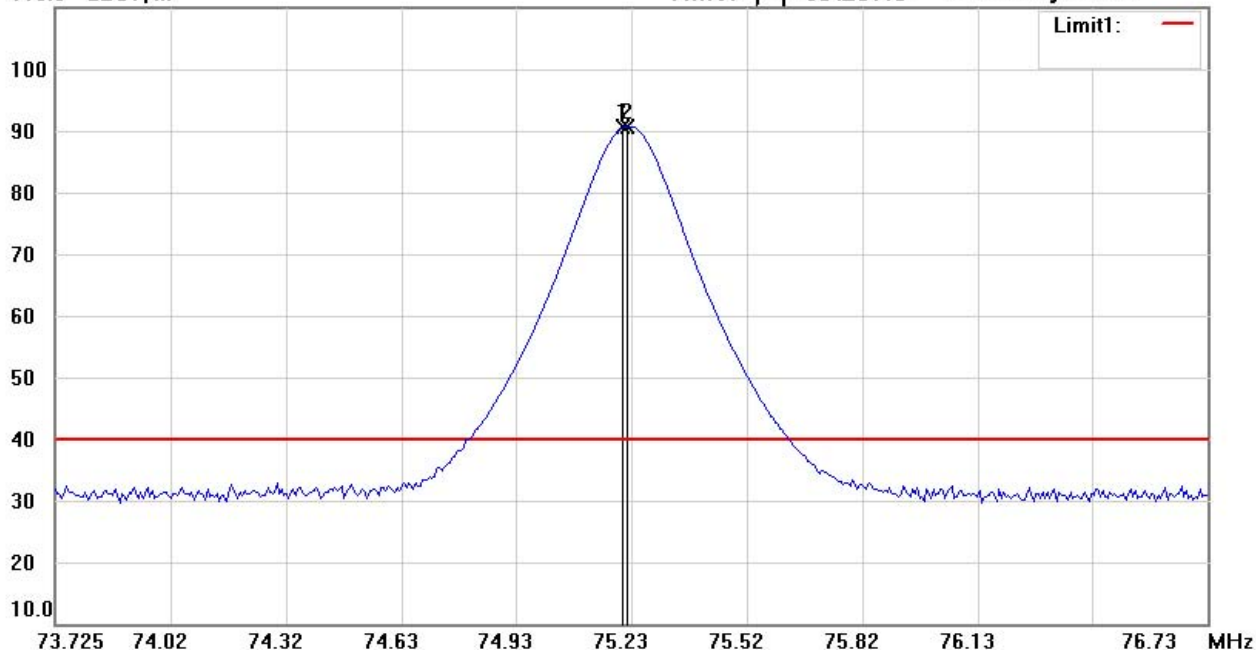
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:29:49

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

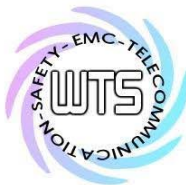
Test Mode : TX 75.225MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
X	75.2000	75.15	peak	15.40	90.55	40.00	150	310	50.55	
*	75.2160	75.32	peak	15.40	90.72	40.00	150	310	50.72	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
90.72	63.46	27.26	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

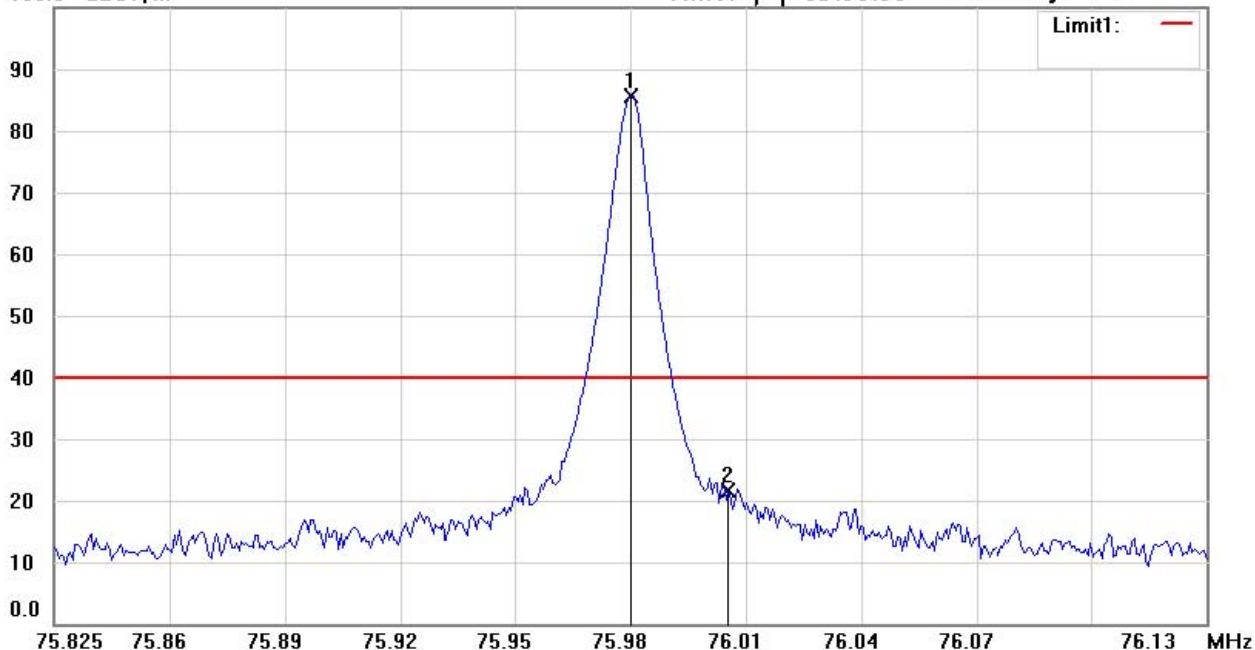
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:36:08

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

Note :

Polarization: *Horizontal*

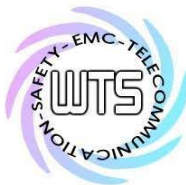
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	75.9753	70.25	peak	15.38	85.63	40.00	300	100	45.63	
	76.0000	6.16	peak	15.38	21.54	40.00	300	100	-18.46	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	76MHz level	Delta	
85.63	21.54	64.09	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

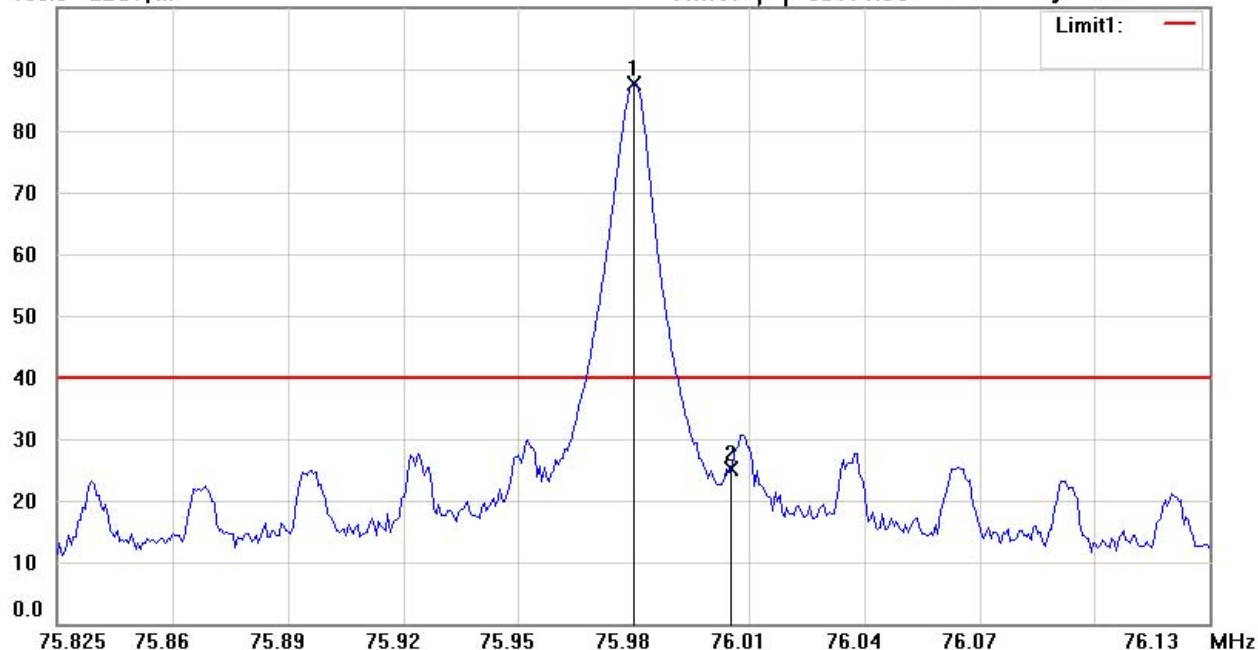
Date: 2016/10/28

Temperature:24 °C

100.0 dBuV/m

Time: 下午 09:44:06

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

Note :

Polarization: **Vertical**

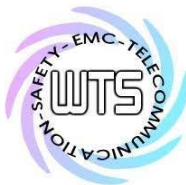
Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	75.9753	72.37	peak	15.38	87.75	40.00	150	280	47.75	
	76.0000	9.80	peak	15.38	25.18	40.00	150	280	-14.82	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	76MHz level	Delta	
87.75	25.18	62.57	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

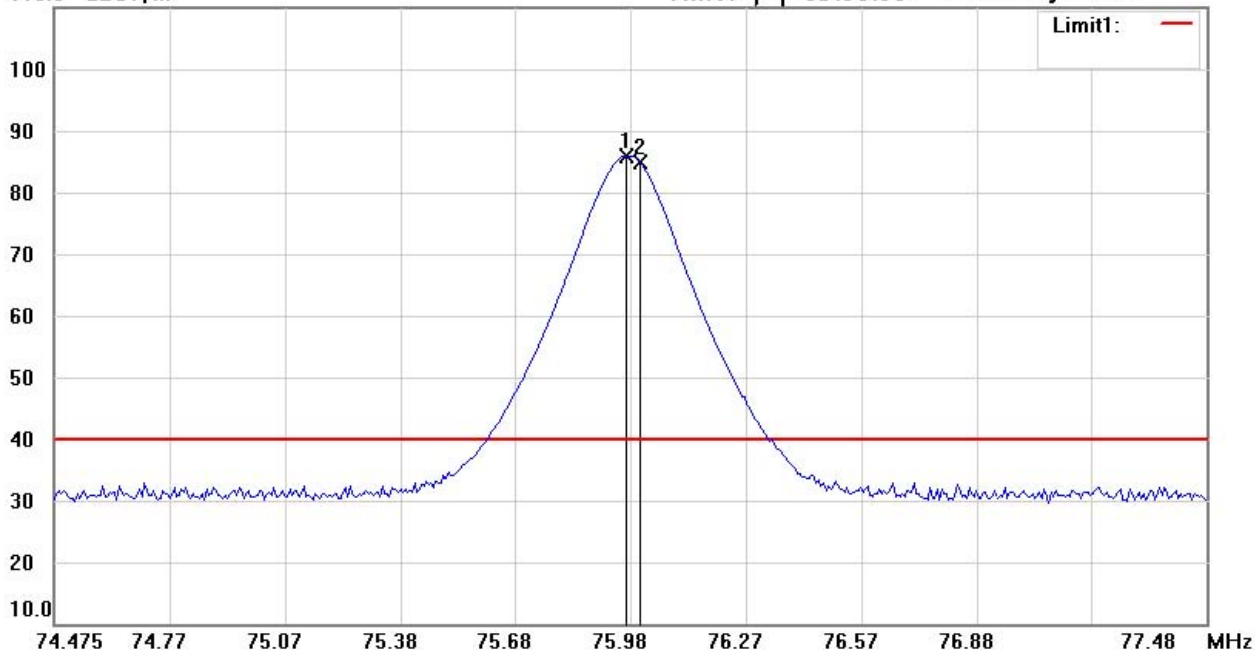
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:36:33

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

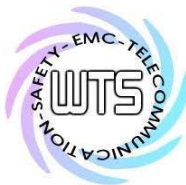
Test Mode : TX 75.975MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	75.9660	70.56	peak	15.38	85.94	40.00	300	100	45.94	
X	76.0000	69.42	peak	15.38	84.80	40.00	300	100	44.80	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
85.94	64.09	21.85	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

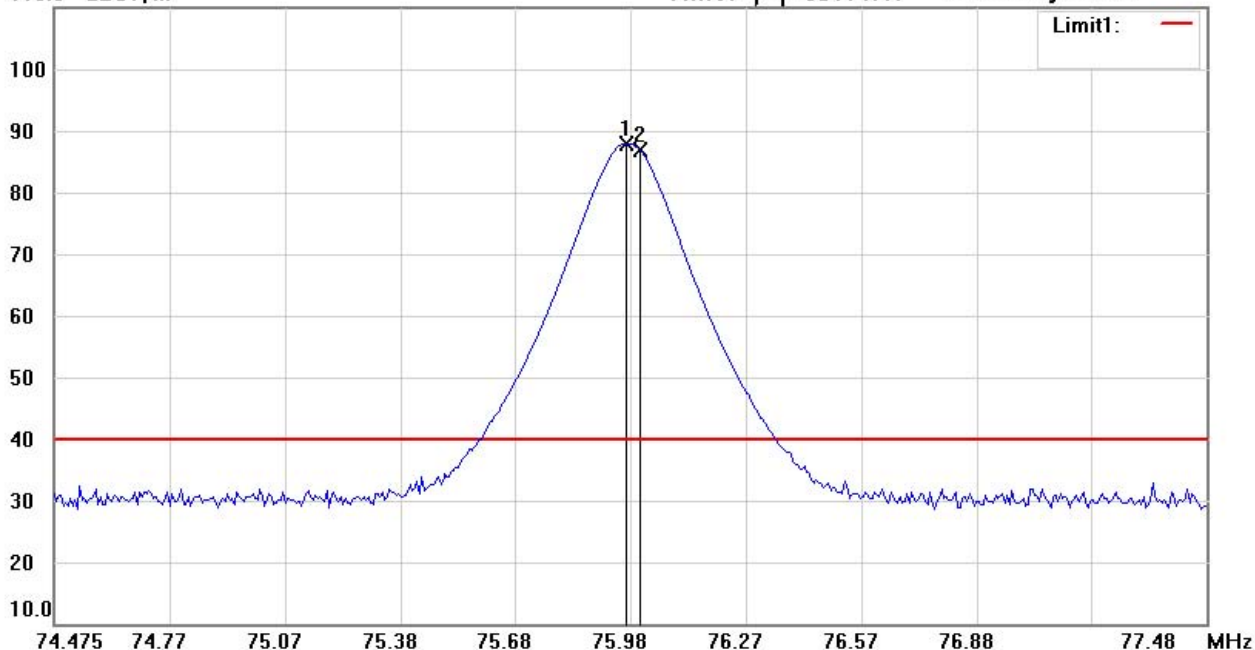
Date: 2016/10/28

Temperature:24 °C

110.0 dBuV/m

Time: 下午 09:44:47

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: Vertical

EUT : W6M21610-16289

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 75.975MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	75.9660	72.60	peak	15.38	87.98	40.00	150	280	47.98	
X	76.0000	71.40	peak	15.38	86.78	40.00	150	280	46.78	

Remark: according to Mark Delta measurement, the final results would be comply with limitation.

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
87.98	62.57	25.41	<40