



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Wide Band

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

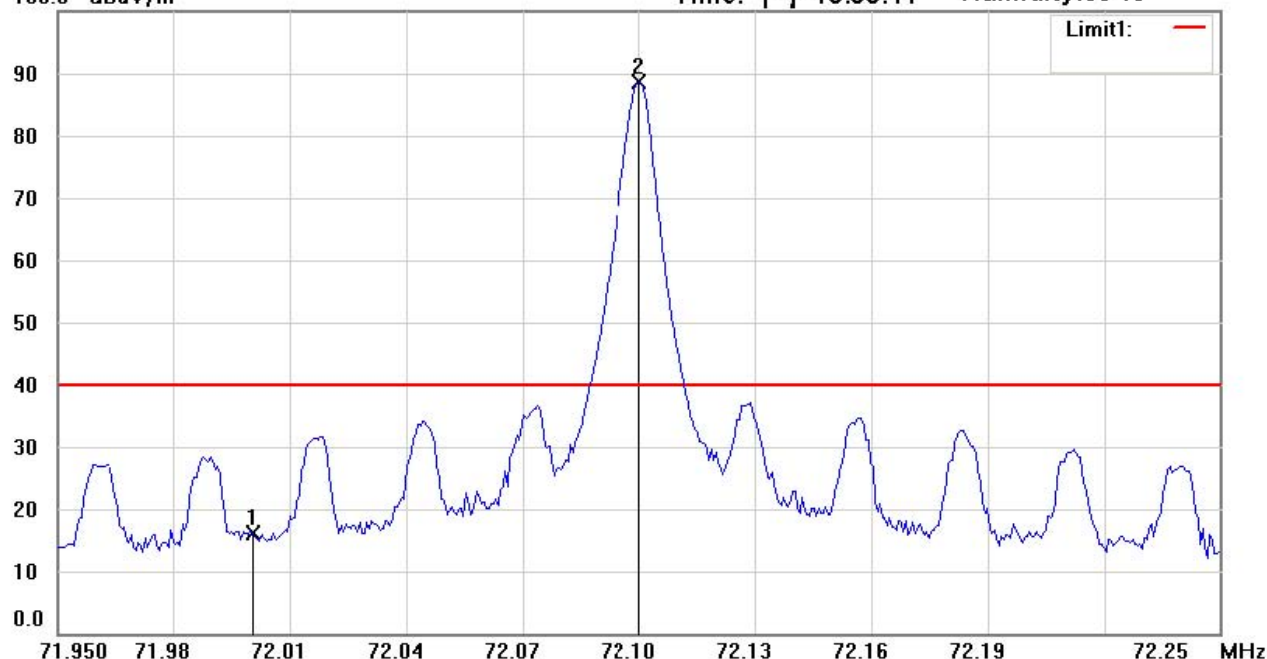
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 10:05:11

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: *Horizontal*

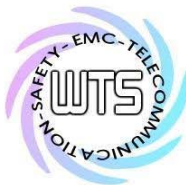
Power : 120 V.a.c.

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	0.60	peak	15.49	16.09	40.00	330	35	-23.91	
*	72.1003	73.06	peak	15.49	88.55	40.00	330	35	48.55	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	72MHz level	Delta	
88.5	16.09	72.41	



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Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

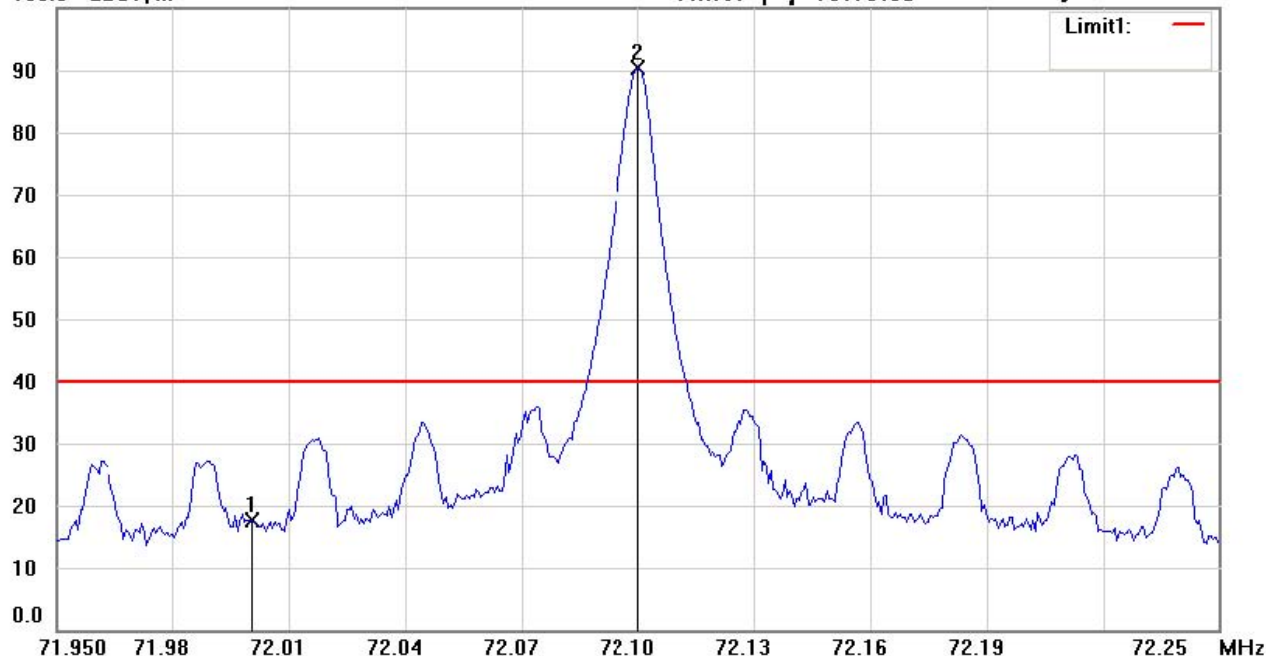
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 10:16:59

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: *Vertical*

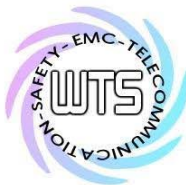
Power : 120 V.a.c.

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	2.12	peak	15.49	17.61	40.00	150	50	-22.39	
*	72.1003	74.82	peak	15.49	90.31	40.00	150	50	50.31	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	72MHz level	Delta	
90.31	17.61	72.7	



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Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

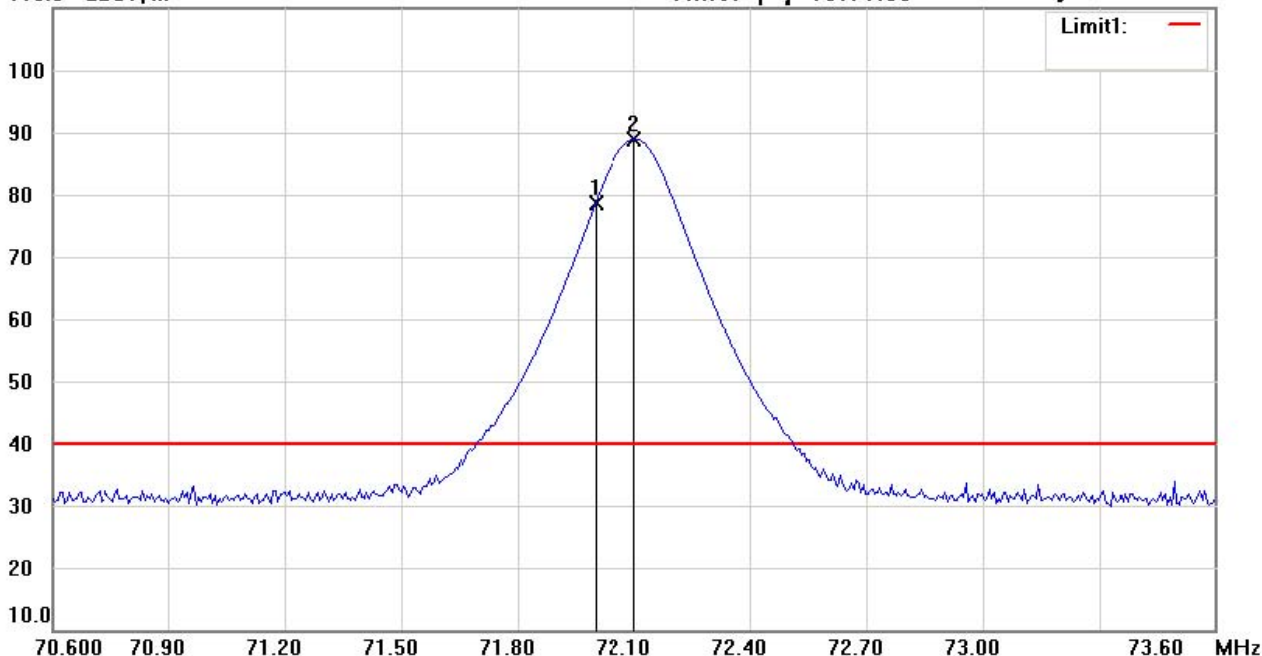
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 10:11:30

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

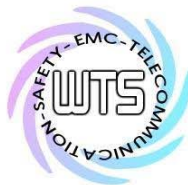
Test Mode : TX 72.1MHz

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	63.19	peak	15.49	78.68	40.00	330	35	38.68	
*	72.1030	73.43	peak	15.49	88.92	40.00	330	35	48.92	

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
88.92	72.41	16.51	<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

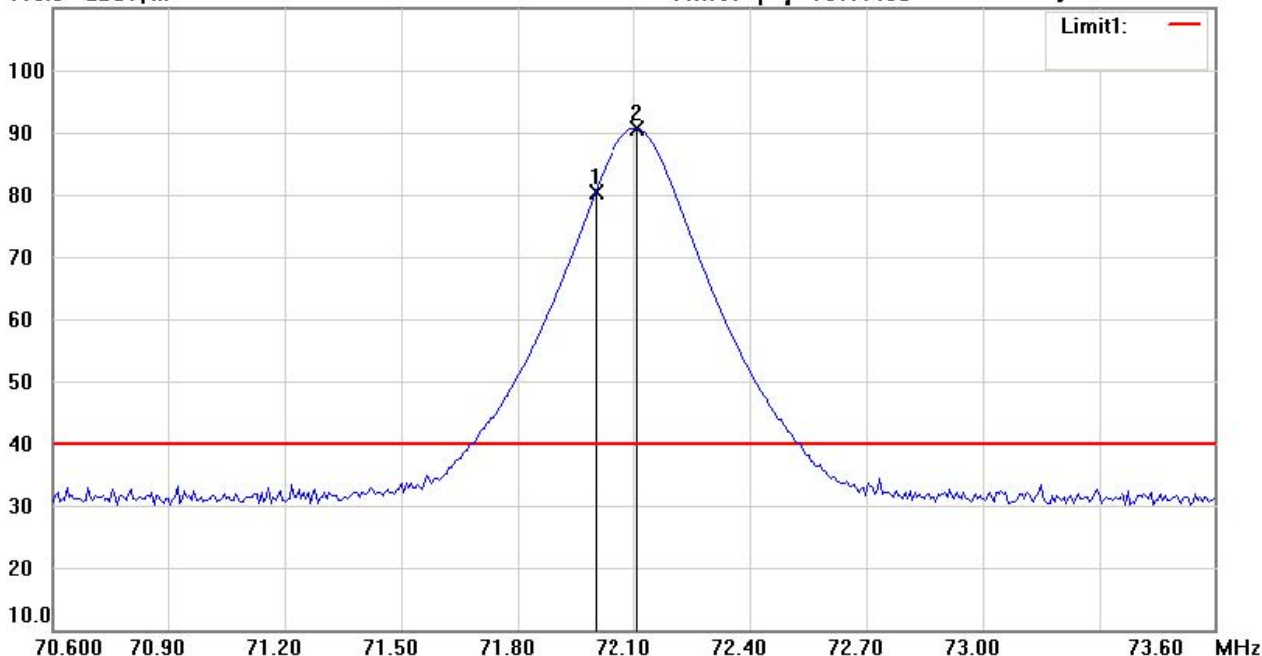
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 10:17:59

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: Vertical

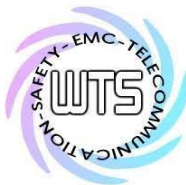
Power : 120 V.a.c.

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
X	72.0000	64.94	peak	15.49	80.43	40.00	150	50	40.43	
*	72.1090	75.17	peak	15.49	90.66	40.00	150	50	50.66	

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
90.66	72.7	17.96	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

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Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

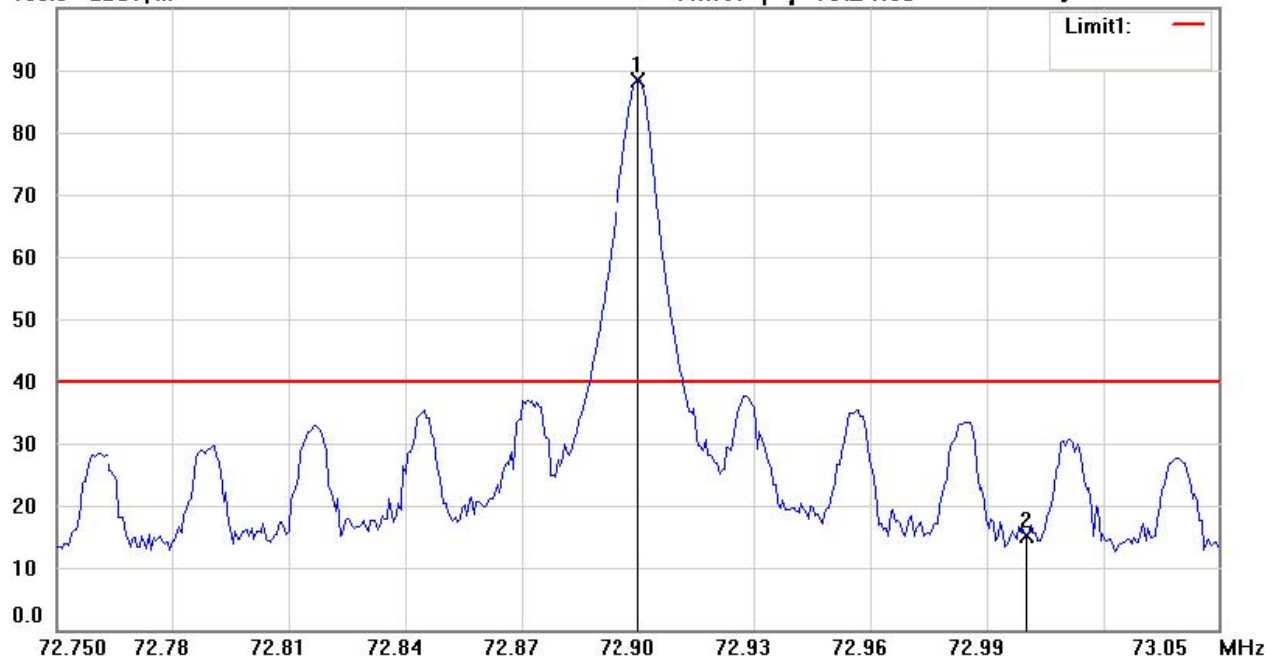
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 10:24:09

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

Note :

Polarization: *Horizontal*

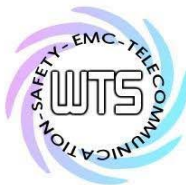
Power : 120 V.a.c.

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
*	72.9003	73.02	peak	15.47	88.49	40.00	320	45	48.49	
	73.0000	-0.25	peak	15.46	15.21	40.00	320	45	-24.79	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	73MHz level	Delta	
88.49	15.21	73.28	



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FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#3

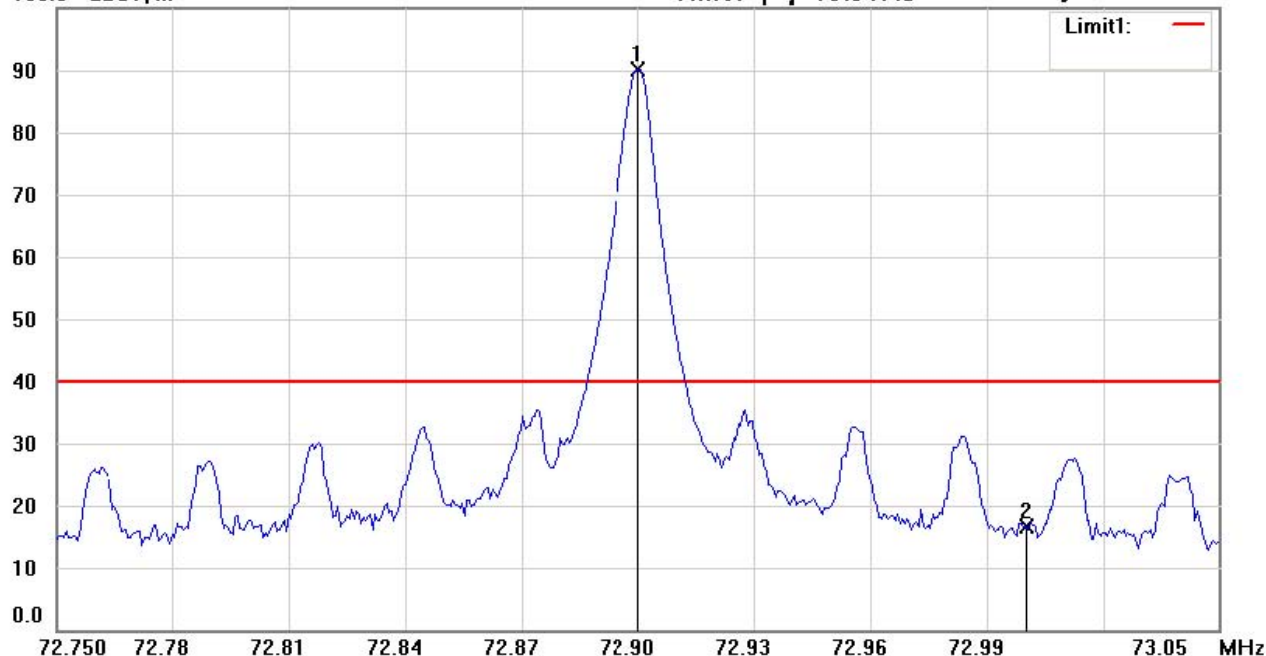
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 10:31:49

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

Note :

Polarization: Vertical

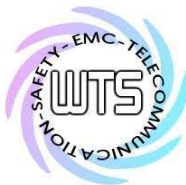
Power : 120 V.a.c.

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
*	72.9003	74.71	peak	15.47	90.18	40.00	150	65	50.18	
	73.0000	1.23	peak	15.46	16.69	40.00	150	65	-23.31	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	73MHz level	Delta	
90.18	16.69	73.49	



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Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

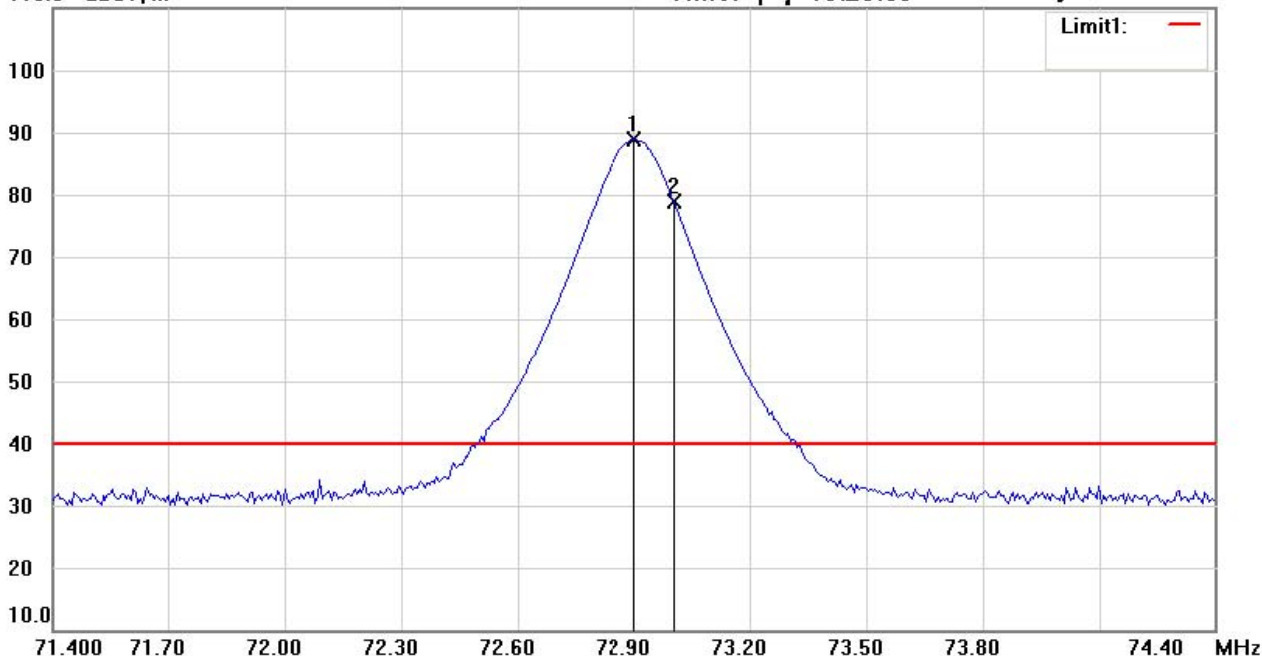
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 10:25:06

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

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
*	72.9030	73.35	peak	15.47	88.82	40.00	320	45	48.82	
X	73.0000	63.49	peak	15.46	78.95	40.00	320	45	38.95	

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
88.82	73.28	15.54	<40



Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#4

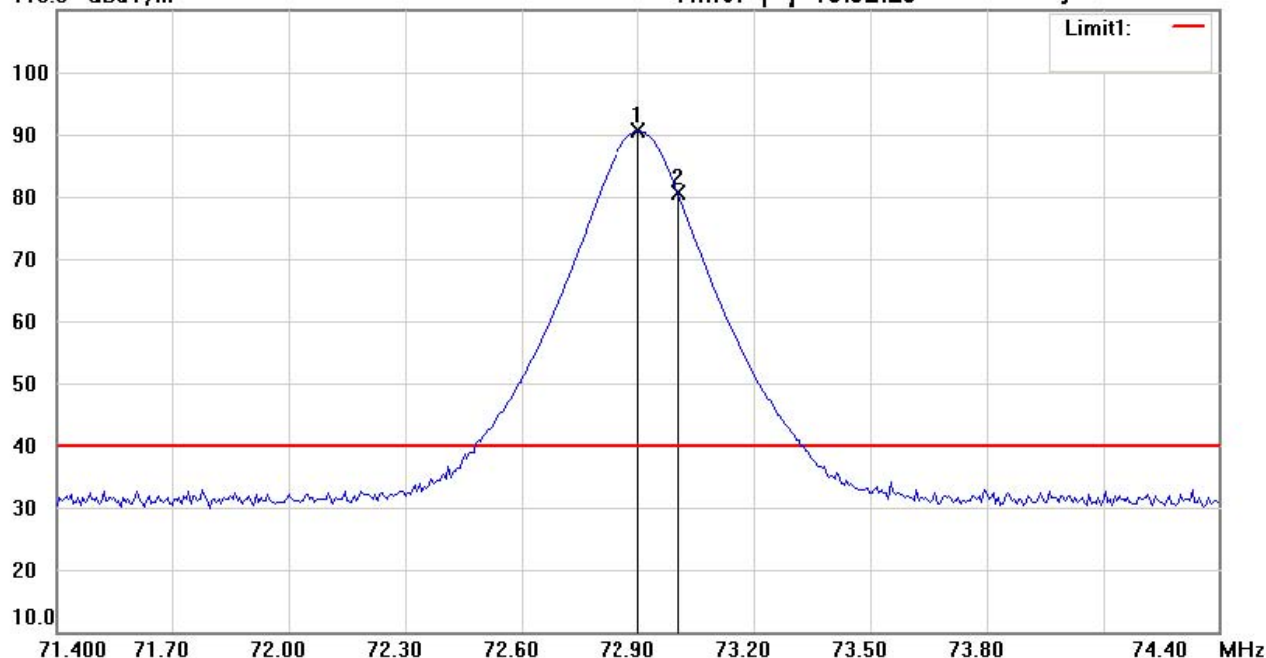
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 10:32:28

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

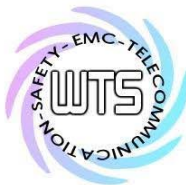
Test Mode : TX 72.9MHz

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
*	72.9030	75.09	peak	15.47	90.56	40.00	150	65	50.56	
X	73.0000	65.22	peak	15.46	80.68	40.00	150	65	40.68	

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
90.56	73.49	17.07	<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

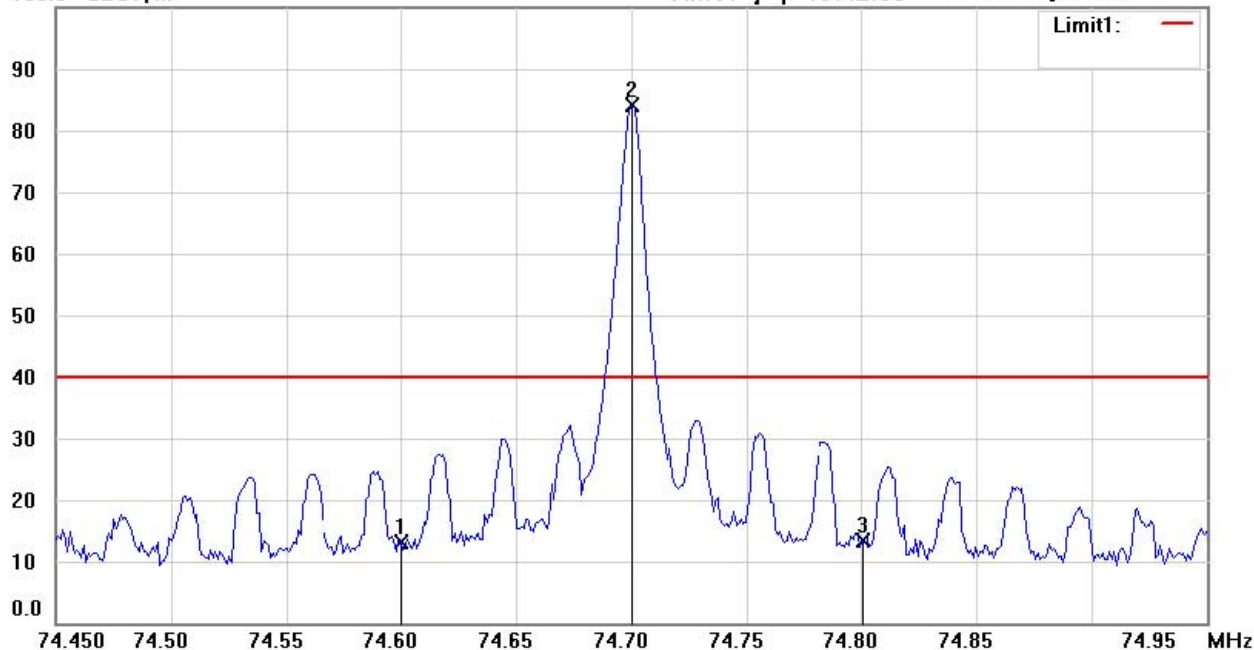
Date: 2016/10/26

Temperature:24 ℃

100.0 dBuV/m

Time: 下午 10:42:38

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.7MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

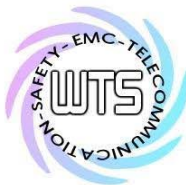
Distance: 3m

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	-2.17	peak	15.42	13.25	40.00	290	45	-26.75	
*	74.7005	68.73	peak	15.41	84.14	40.00	290	45	44.14	
	74.8000	-2.06	peak	15.41	13.35	40.00	290	45	-26.65	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.6MHz level	Delta	
84.14	13.25	70.89	

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.8MHz level	Delta	
84.14	13.35	70.79	



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

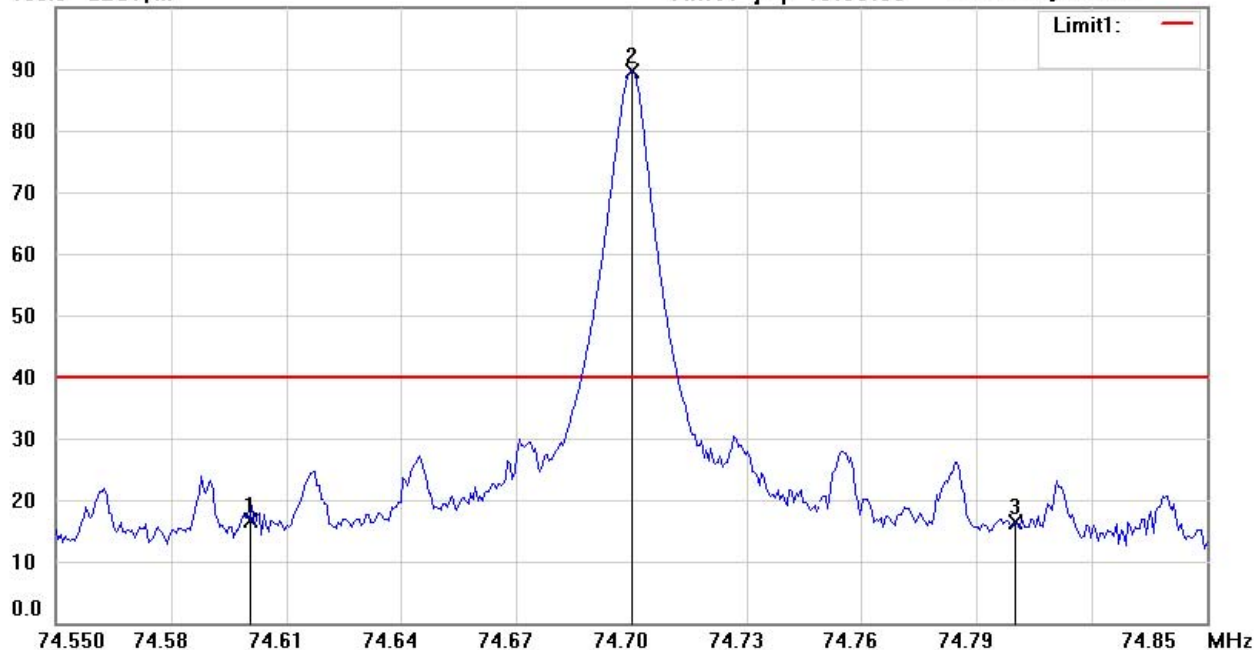
Date: 2016/10/26

Temperature:24 ℃

100.0 dBuV/m

Time: 下午 10:56:06

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 74.7MHz

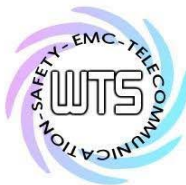
Note :

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
	74.6000	1.21	peak	15.42	16.63	40.00	150	65	-23.37	
*	74.7003	74.16	peak	15.41	89.57	40.00	150	65	49.57	
	74.8000	1.02	peak	15.41	16.43	40.00	150	65	-23.57	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.6MHz level	Delta	
89.57	16.63	72.94	

RBW/VBW	3k/10k	span	300k
MAX PEAK	74.8MHz level	Delta	
89.57	16.43	73.14	



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

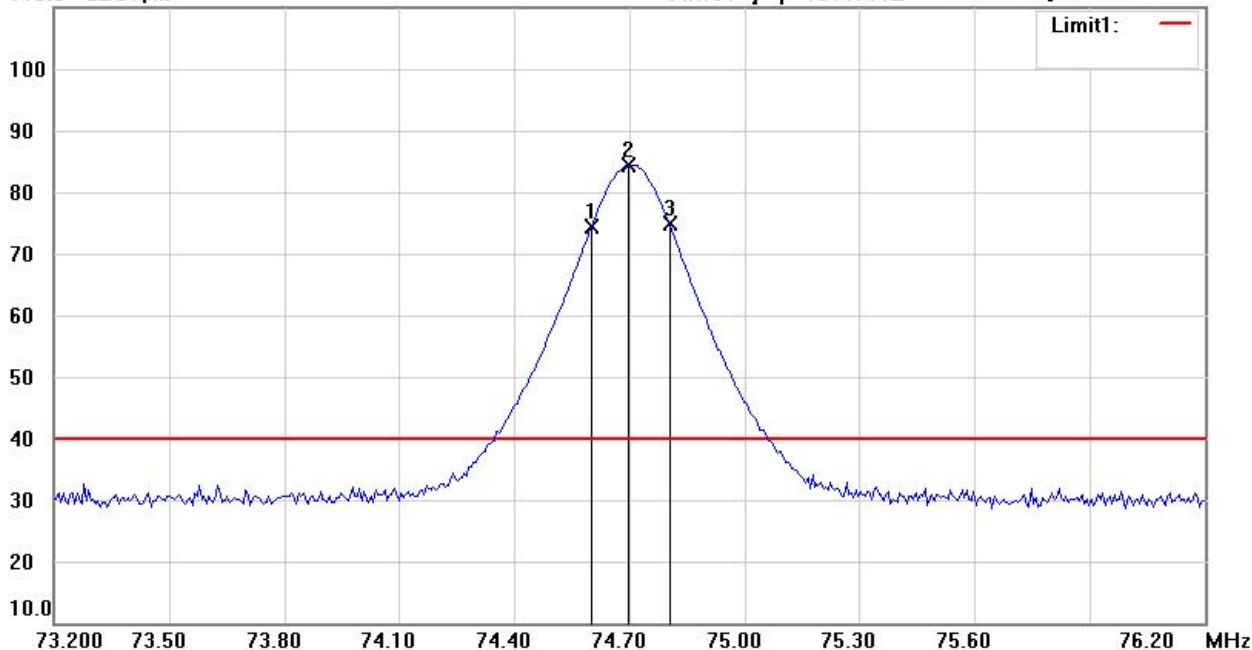
Date: 2016/10/26

Temperature:24 ℃

110.0 dBuV/m

Time: 下午 10:47:12

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 74.7MHz

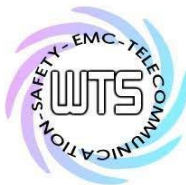
Note :

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	58.93	peak	15.42	74.35	40.00	290	45	34.35	
*	74.6970	69.04	peak	15.41	84.45	40.00	290	45	44.45	
X	74.8000	59.37	peak	15.41	74.78	40.00	290	45	34.78	

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
84.45	70.89	13.56	<40

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
84.45	70.79	13.66	<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

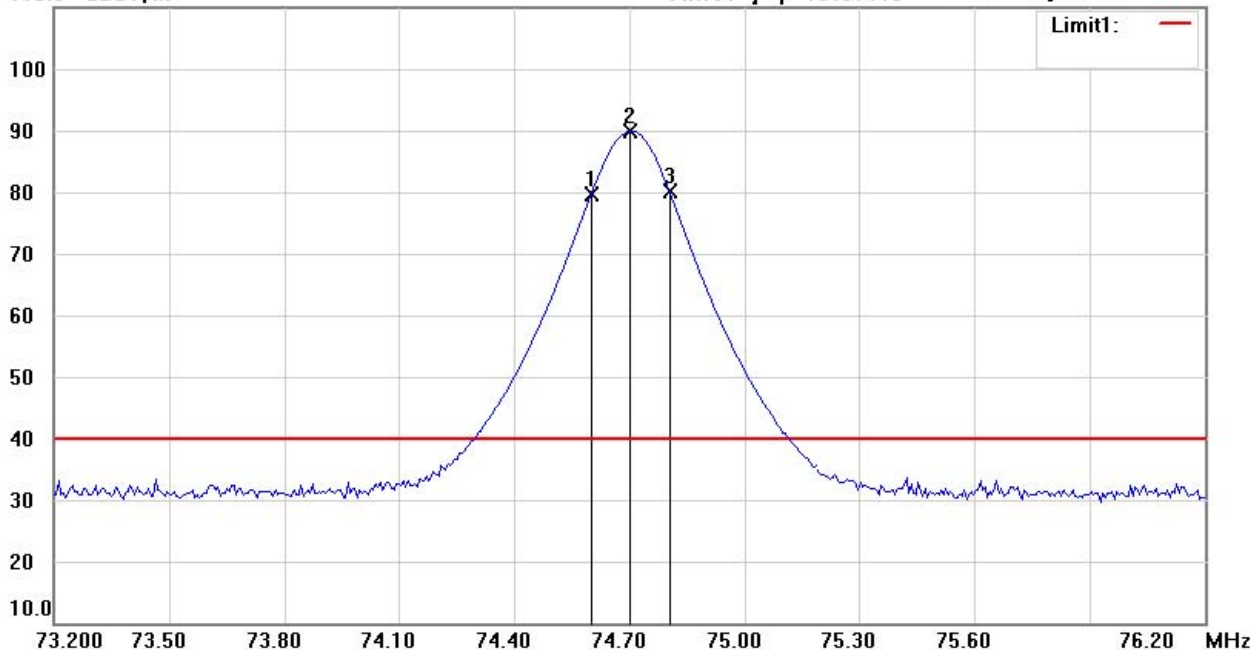
Date: 2016/10/26

Temperature:24 ℃

110.0 dBuV/m

Time: 下午 10:57:15

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 74.7MHz

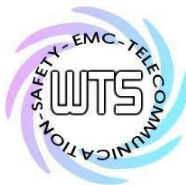
Note :

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	64.23	peak	15.42	79.65	40.00	150	65	39.65	
*	74.7030	74.47	peak	15.41	89.88	40.00	150	65	49.88	
X	74.8000	64.71	peak	15.41	80.12	40.00	150	65	40.12	

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
89.88	72.94	16.94	<40

RBW/VBW	100k/300k	span	3M
MAX PEAK	Delta	Result	Limit
89.88	73.14	16.74	<40



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Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#1

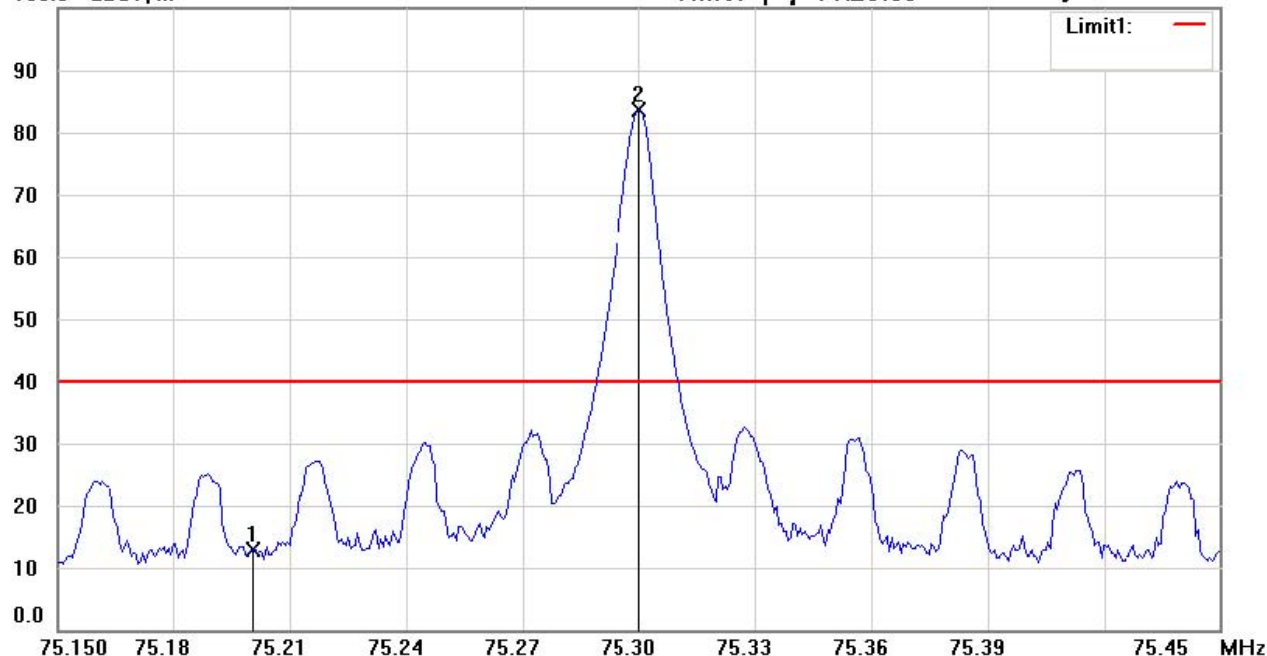
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 11:28:53

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

Note :

Polarization: *Horizontal*

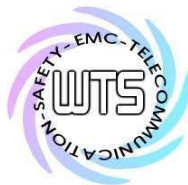
Power : 120 V.a.c.

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
	75.2000	-2.63	peak	15.40	12.77	40.00	300	50	-27.23	
*	75.3003	68.19	peak	15.40	83.59	40.00	300	50	43.59	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	75.2MHz level	Delta	
83.59	12.77	70.82	



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

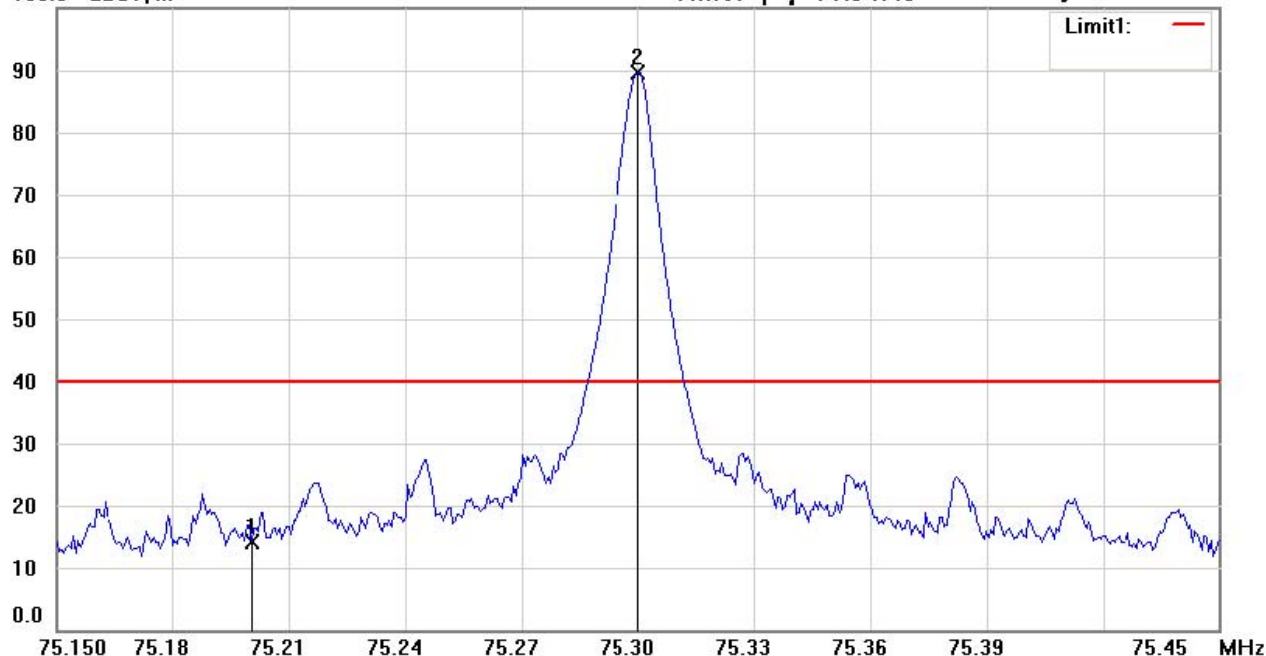
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 11:34:48

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

Note :

Polarization: Vertical

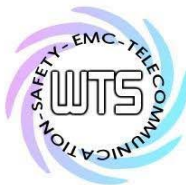
Power : 120 V.a.c.

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
	75.2000	-1.19	peak	15.40	14.21	40.00	150	70	-25.79	
*	75.3003	74.25	peak	15.40	89.65	40.00	150	70	49.65	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	75.2MHz level	Delta	
89.65	14.21	75.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: 2AHER-MVALSSTFMD

Radiated Emission Measurement

Operator: Leon

File :bandedge

Data :#2

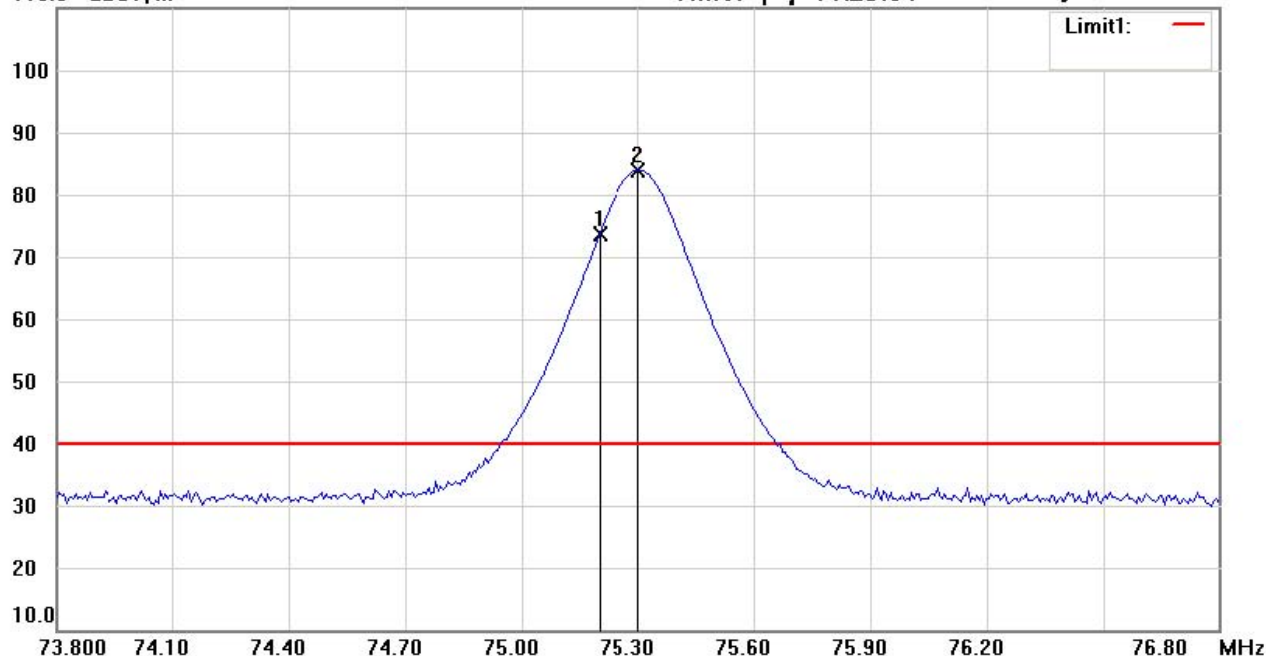
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 11:29:34

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

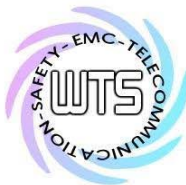
Test Mode : TX 75.3MHz

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	58.34	peak	15.40	73.74	40.00	300	50	33.74	
*	75.3030	68.57	peak	15.40	83.97	40.00	300	50	43.97	

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
83.97	70.82	13.15	<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

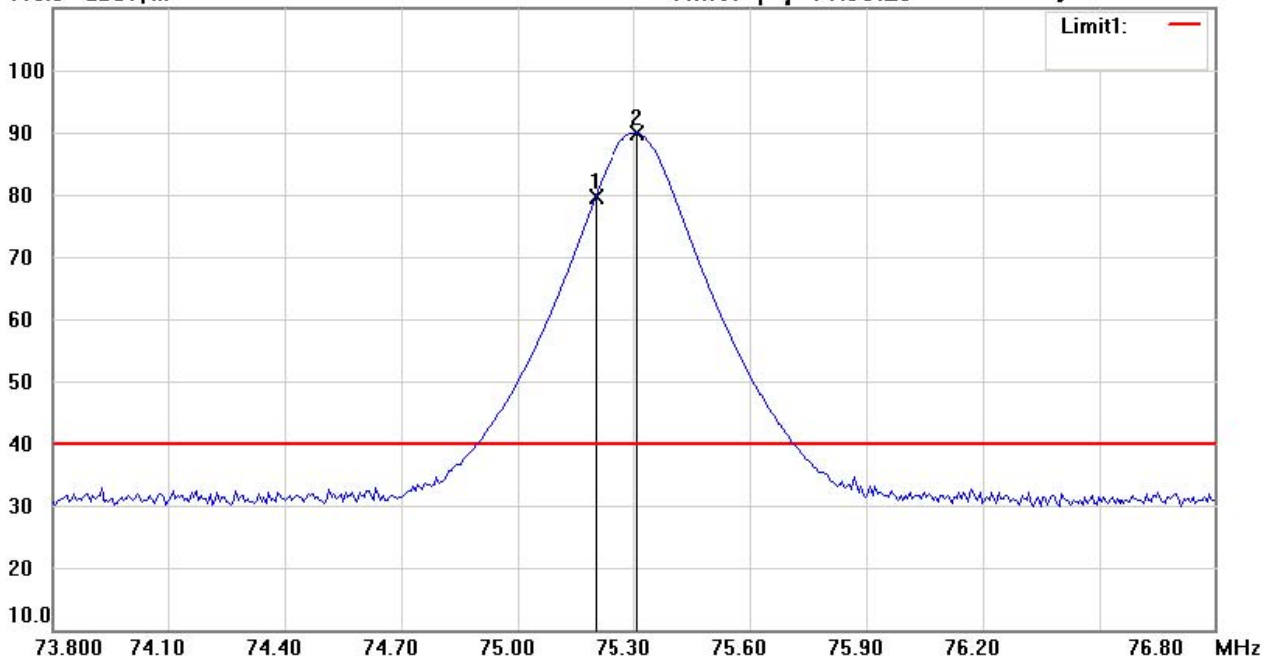
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 11:35:23

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Vertical*

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

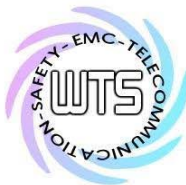
Test Mode : TX 75.3MHz

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	64.35	peak	15.40	79.75	40.00	150	70	39.75	
*	75.3090	74.57	peak	15.40	89.97	40.00	150	70	49.97	

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
89.97	75.44	14.53	<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

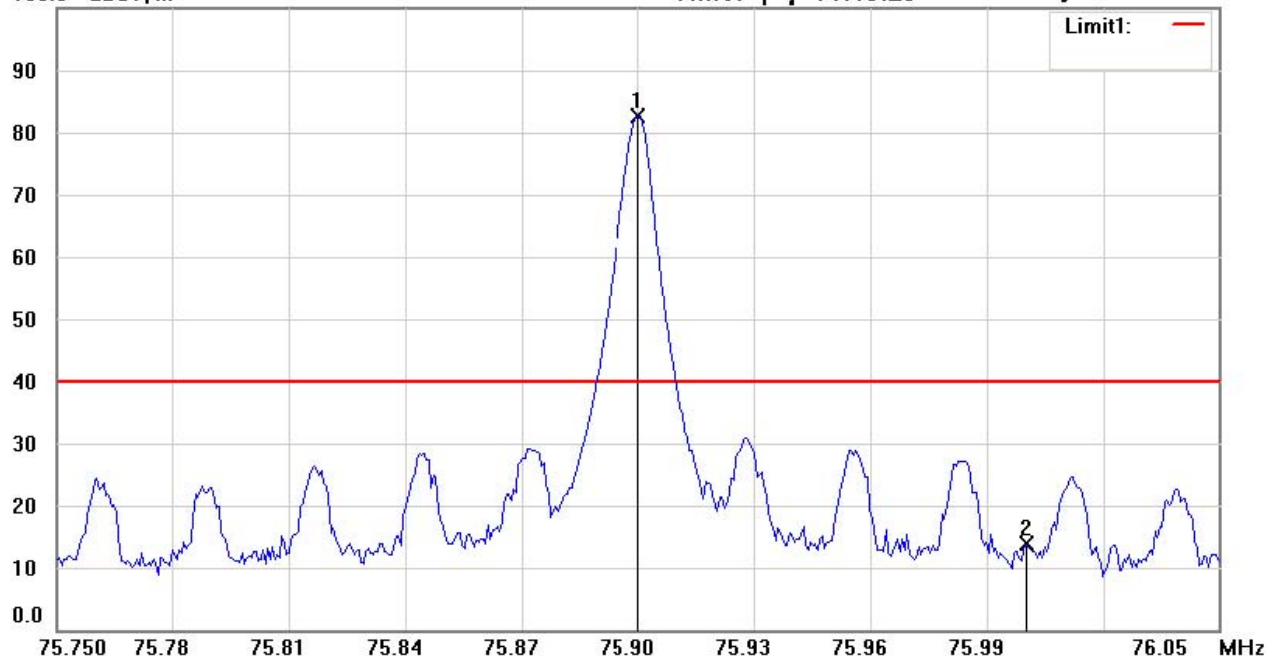
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 11:40:25

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

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
*	75.9003	67.22	peak	15.38	82.60	40.00	300	50	42.60	
	76.0000	-1.61	peak	15.38	13.77	40.00	300	50	-26.23	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	76MHz level	Delta	
82.6	13.77	68.83	



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

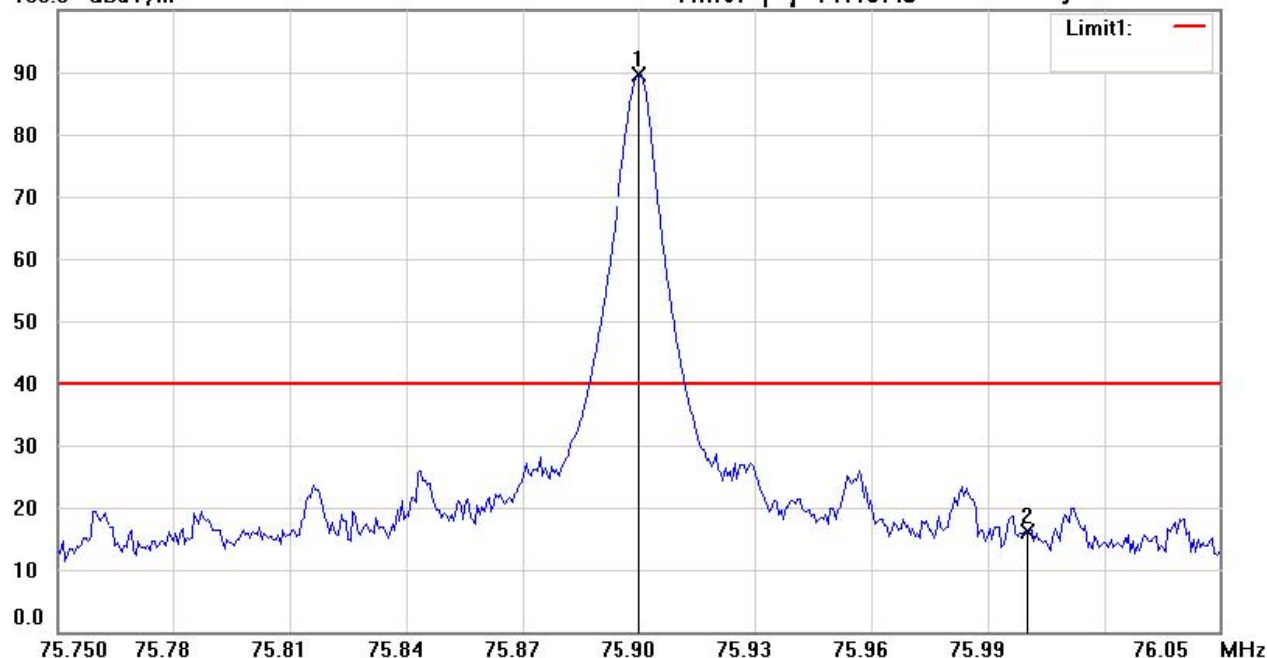
Date: 2016/10/26

Temperature:24 °C

100.0 dBuV/m

Time: 下午 11:43:49

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

Note :

Polarization: Vertical

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
*	75.9003	74.23	peak	15.38	89.61	40.00	155	65	49.61	
	76.0000	0.66	peak	15.38	16.04	40.00	155	65	-23.96	

Remark: Delta mark between fundamental and restrict band

RBW/VBW	3k/10k	span	300k
MAX PEAK	76MHz level	Delta	
89.61	16.04	73.57	



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

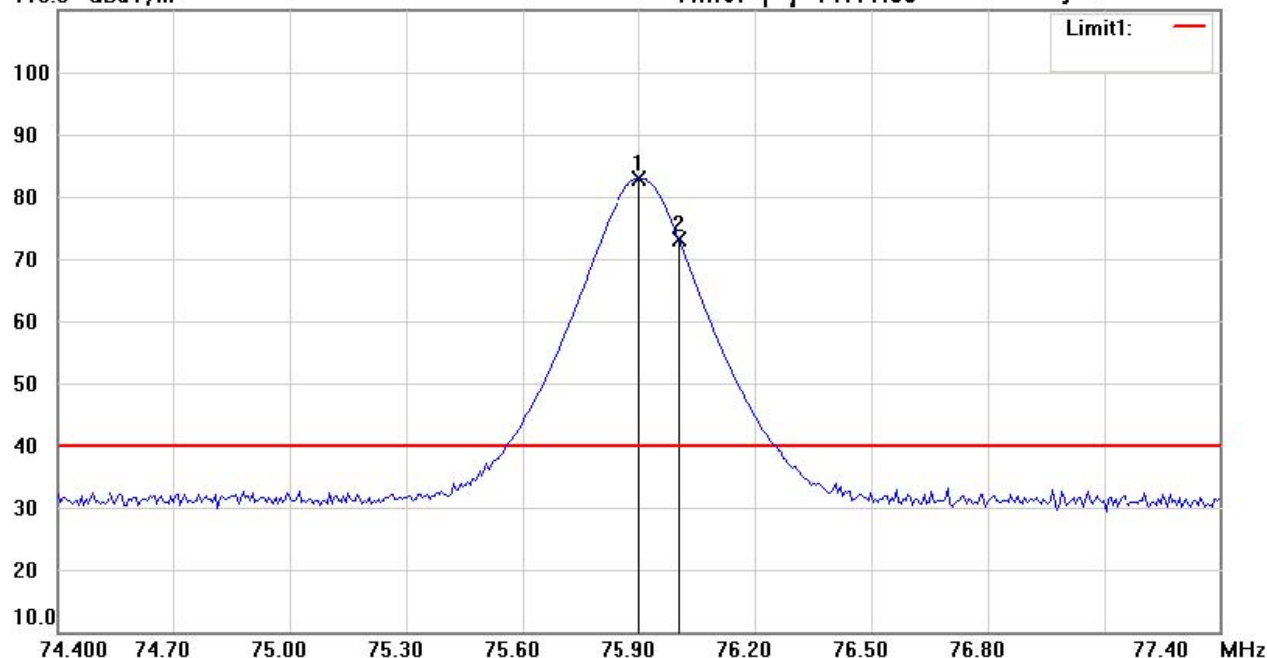
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 11:41:05

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: *Horizontal*

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

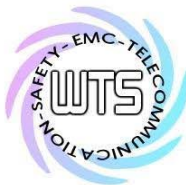
Test Mode : TX 75.9MHz

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
*	75.9030	67.62	peak	15.38	83.00	40.00	300	50	43.00	
X	76.0000	57.78	peak	15.38	73.16	40.00	300	50	33.16	

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
83	68.83	14.17	<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

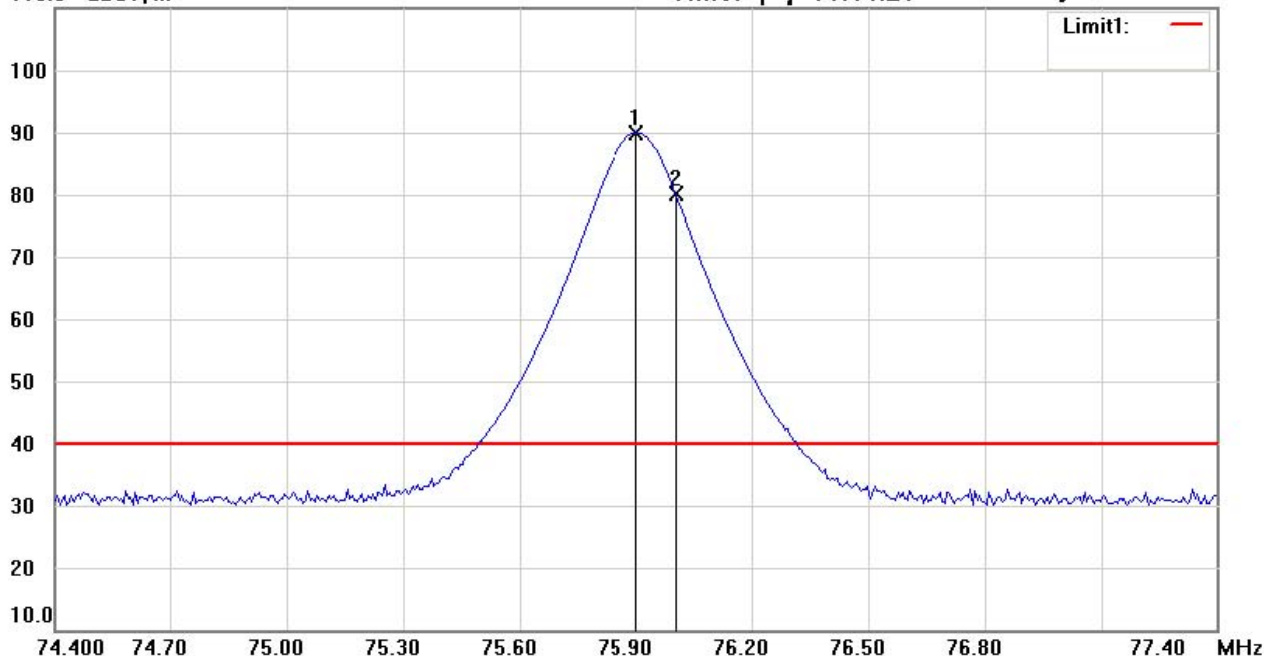
Date: 2016/10/26

Temperature:24 °C

110.0 dBuV/m

Time: 下午 11:44:21

Humidity:60 %



Site : Chamber

Condition : FCC 15.237 bandedge

Polarization: **Vertical**

EUT : W6M21610-16289

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 75.9MHz

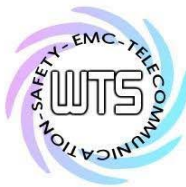
Note :

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
*	75.9030	74.57	peak	15.38	89.95	40.00	155	65	49.95	
X	76.0000	64.84	peak	15.38	80.22	40.00	155	65	40.22	

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
89.95	73.57	16.38	<40

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



Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

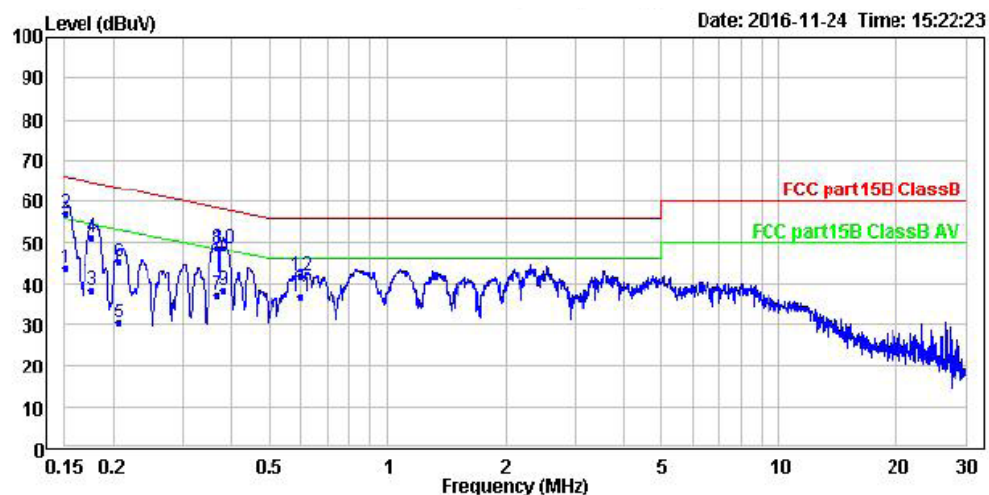
3.6 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

Dipole Antenna

AUX IN Mode



Condition: FCC part15B ClassB ENV216 neutral

EUT : W6M21610-16289

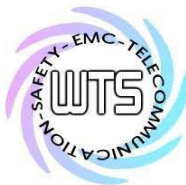
Mode : AUX IN

Power : 120 V.a.c.

Operator : Syuan

Note :

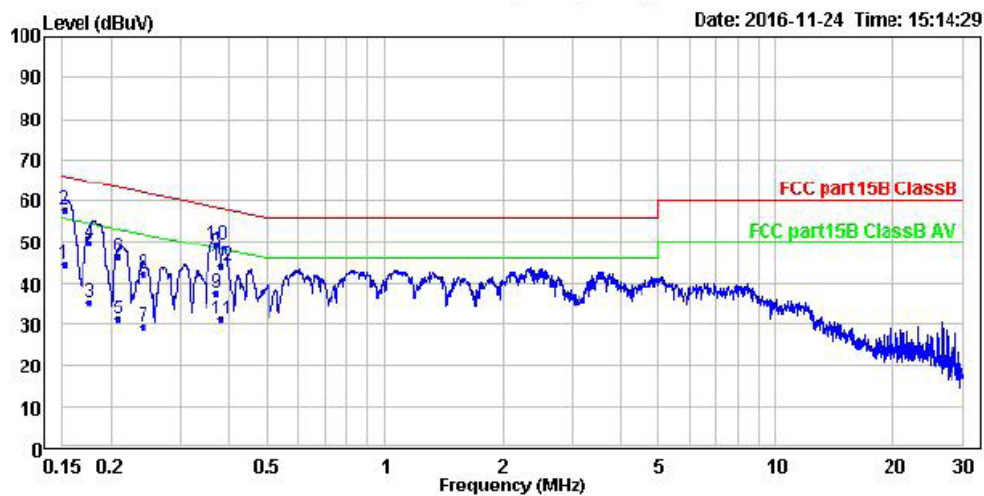
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.151	43.89	34.09	9.80	55.93	-12.04	neutral	Average
2 *	0.151	57.13	47.33	9.80	65.93	-8.80	neutral	QP
3	0.177	38.51	28.73	9.78	54.63	-16.12	neutral	Average
4	0.177	51.27	41.49	9.78	64.63	-13.36	neutral	QP
5	0.206	30.52	20.76	9.76	53.37	-22.85	neutral	Average
6	0.206	45.17	35.41	9.76	63.37	-18.20	neutral	QP
7	0.367	37.24	27.44	9.80	48.56	-11.32	neutral	Average
8	0.367	48.72	38.92	9.80	58.56	-9.84	neutral	QP
9	0.382	38.29	28.49	9.80	48.24	-9.95	neutral	Average
10	0.382	48.71	38.91	9.80	58.24	-9.53	neutral	QP
11	0.599	36.73	26.93	9.80	46.00	-9.27	neutral	Average
12	0.599	41.87	32.07	9.80	56.00	-14.13	neutral	QP



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD



Condition: FCC part15B ClassB ENV216 line

EUT : W6M21610-16289

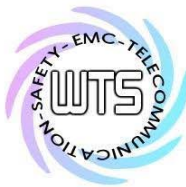
Mode : AUX IN

Power : 120 Va.c.

Operator : Syuan

Note :

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.151	44.62	34.78	9.84	55.92	-11.30	line	Average
2 *	0.151	57.93	48.09	9.84	65.92	-7.99	line	QP
3	0.177	35.21	25.39	9.82	54.64	-19.43	line	Average
4	0.177	49.81	39.99	9.82	64.64	-14.83	line	QP
5	0.209	31.07	21.26	9.81	53.26	-22.19	line	Average
6	0.209	46.53	36.72	9.81	63.26	-16.73	line	QP
7	0.241	29.33	19.52	9.81	52.08	-22.75	line	Average
8	0.241	42.22	32.41	9.81	62.08	-19.86	line	QP
9	0.371	37.82	28.02	9.80	48.48	-10.66	line	Average
10	0.371	49.53	39.73	9.80	58.48	-8.95	line	QP
11	0.382	31.27	21.48	9.79	48.23	-16.96	line	Average
12	0.382	44.14	34.35	9.79	58.23	-14.09	line	QP

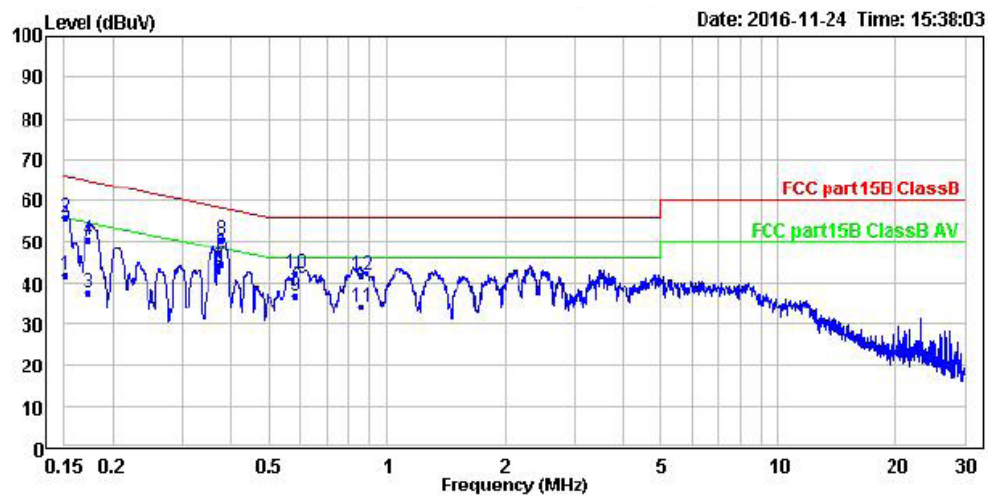


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD

LAN Mode



Condition: FCC part15B ClassB ENV216 neutral

EUT : W6M21610-16289

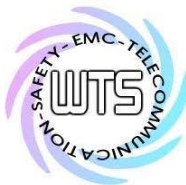
Mode : LAN

Power : 120 Va.c.

Operator : Syuan

Note :

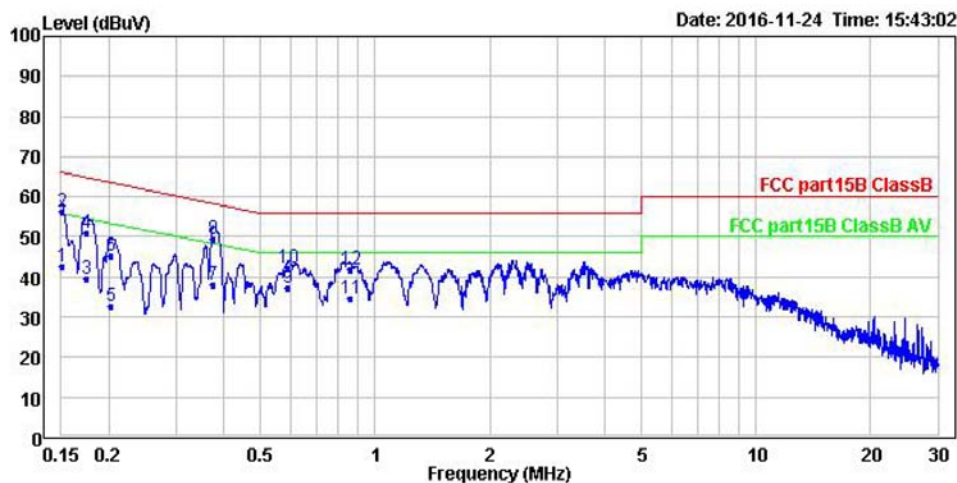
	Freq	Level	Read	Factor	Limit	Over	Pol/Phase	Remark
	MHz	dBuV	Level	dB	Line	Limit	dB	
1	0.150	41.94	32.14	9.80	56.00	-14.06	neutral	Average
2	0.150	55.99	46.19	9.80	66.00	-10.01	neutral	QP
3	0.173	37.59	27.81	9.78	54.81	-17.22	neutral	Average
4	0.173	50.45	40.67	9.78	64.81	-14.36	neutral	QP
5	0.371	42.80	33.00	9.80	48.48	-5.68	neutral	Average
6	0.371	43.80	34.00	9.80	58.48	-14.68	neutral	QP
7 *	0.378	44.42	34.62	9.80	48.33	-3.91	neutral	Average
8	0.378	50.71	40.91	9.80	58.33	-7.62	neutral	QP
9	0.586	36.78	26.99	9.79	46.00	-9.22	neutral	Average
10	0.586	42.08	32.29	9.79	56.00	-13.92	neutral	QP
11	0.857	34.20	24.39	9.81	46.00	-11.80	neutral	Average
12	0.857	41.68	31.87	9.81	56.00	-14.32	neutral	QP



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21610-16289-C-1

FCC ID: 2AHER-MVALSSTFMD



Condition: FCC part15B ClassB ENV216 line

EUT : W6M21610-16289

Mode : LAN

Power : 120 Va.c.

Operator : Syuan

Note :

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.150	42.44	32.60	9.84	55.97	-13.53	line	Average
2	0.150	56.16	46.32	9.84	65.97	-9.81	line	QP
3	0.174	39.73	29.91	9.82	54.77	-15.04	line	Average
4	0.174	50.79	40.97	9.82	64.77	-13.98	line	QP
5	0.202	32.86	23.05	9.81	53.51	-20.65	line	Average
6	0.202	45.34	35.53	9.81	63.51	-18.17	line	QP
7	0.374	38.13	28.34	9.79	48.41	-10.28	line	Average
8	0.374	49.56	39.77	9.79	58.41	-8.85	line	QP
9 *	0.590	37.35	27.57	9.78	46.00	-8.65	line	Average
10	0.590	42.36	32.58	9.78	56.00	-13.64	line	QP
11	0.858	34.60	24.83	9.77	46.00	-11.40	line	Average
12	0.858	41.77	32.00	9.77	56.00	-14.23	line	QP

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor

2. The Correction Factor = Cable Loss + LISN Insertion Loss

3. Detector function in the form : PK = Peak, QP = Qusai Peak, AV = Average

4. All not in the table noted test results are more than 20 dB below the relevant limits.

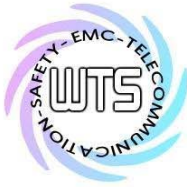
5. Measurement uncertainty = ± 1.14 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

6. Up Line: QP Limit Line, Down Line: Ave Limit Line.

Limits:

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-CE 028.

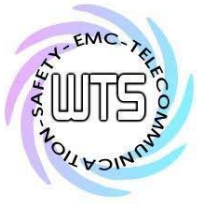


Registration number: W6M21610-16289-C-1
FCC ID: 2AHER-MVALSSTFMD

Appendix

Measurement diagrams

Spurious Emissions radiated



Worldwide Testing Services(Taiwan) Co., Ltd.

Dipole Antenna (Narrow Band)



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

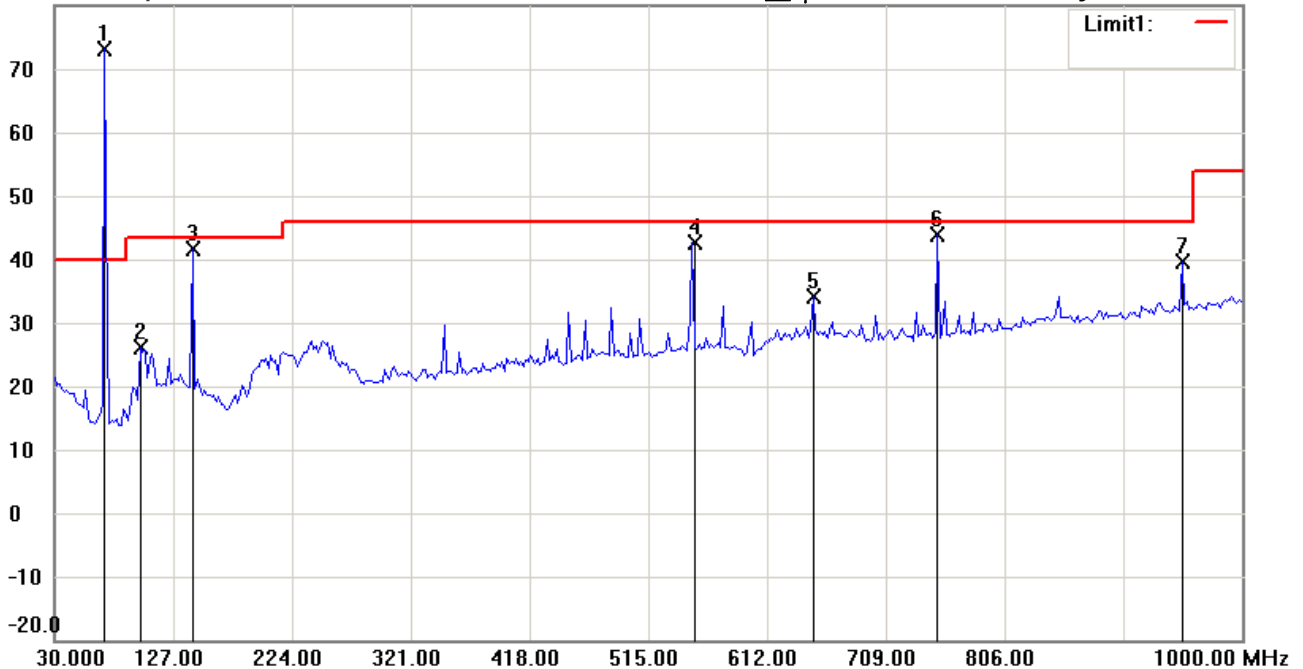
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 上午 11:50:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	70.8215	85.88	peak	-12.79	73.09	40.00			33.09	TX
	99.9800	35.58	peak	-9.49	26.09	43.50	220	235	-17.41	
	142.7453	48.57	peak	-6.97	41.60	43.50	260	190	-1.90	
	550.9620	43.70	peak	-1.12	42.58	46.00	180	60	-3.42	
	650.1001	33.07	peak	1.09	34.16	46.00	150	110	-11.84	
	751.1824	42.87	peak	0.99	43.86	46.00	150	175	-2.14	
	951.4027	34.12	peak	5.55	39.67	46.00	150	50	-6.33	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

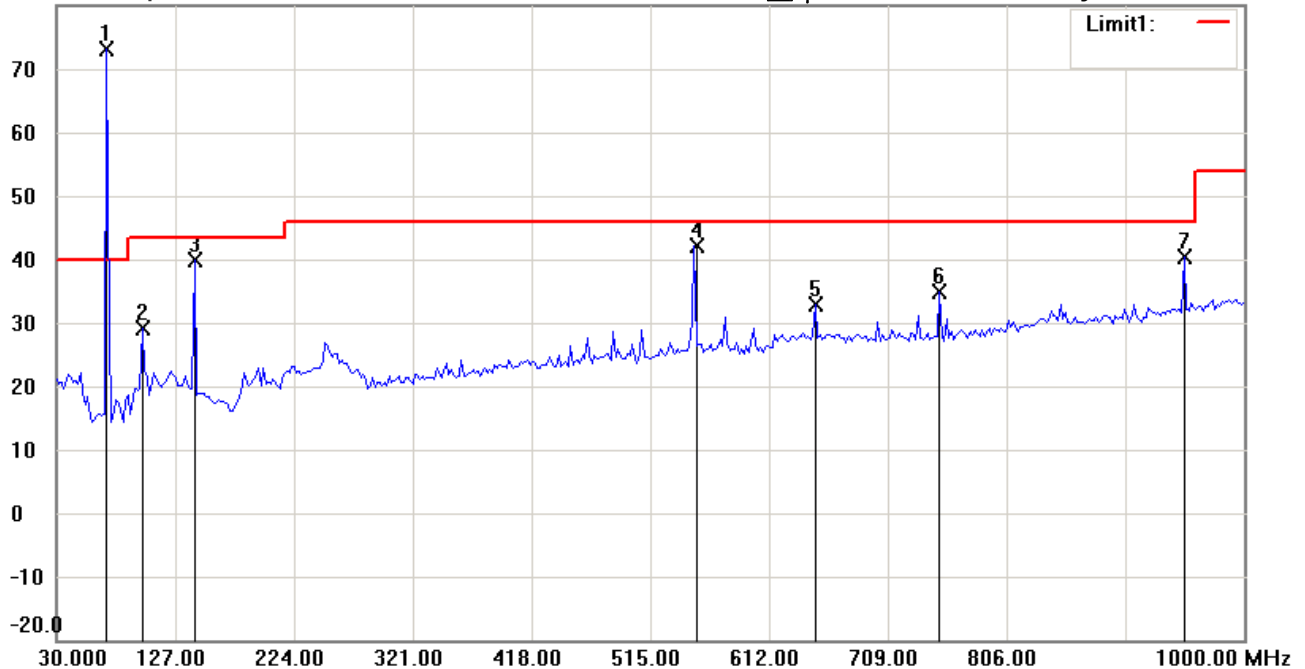
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 上午 11:53:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	70.8215	85.80	peak	-12.79	73.01	40.00			33.01	TX
	99.9800	38.74	peak	-9.49	29.25	43.50	150	75	-14.25	
	142.7453	46.77	peak	-6.97	39.80	43.50	150	185	-3.70	
	550.9620	43.14	peak	-1.12	42.02	46.00	150	90	-3.98	
	650.1000	31.88	peak	1.09	32.97	46.00	150	230	-13.03	
	751.1824	33.89	peak	0.99	34.88	46.00	150	165	-11.12	
	951.4026	34.78	peak	5.55	40.33	46.00	150	220	-5.67	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

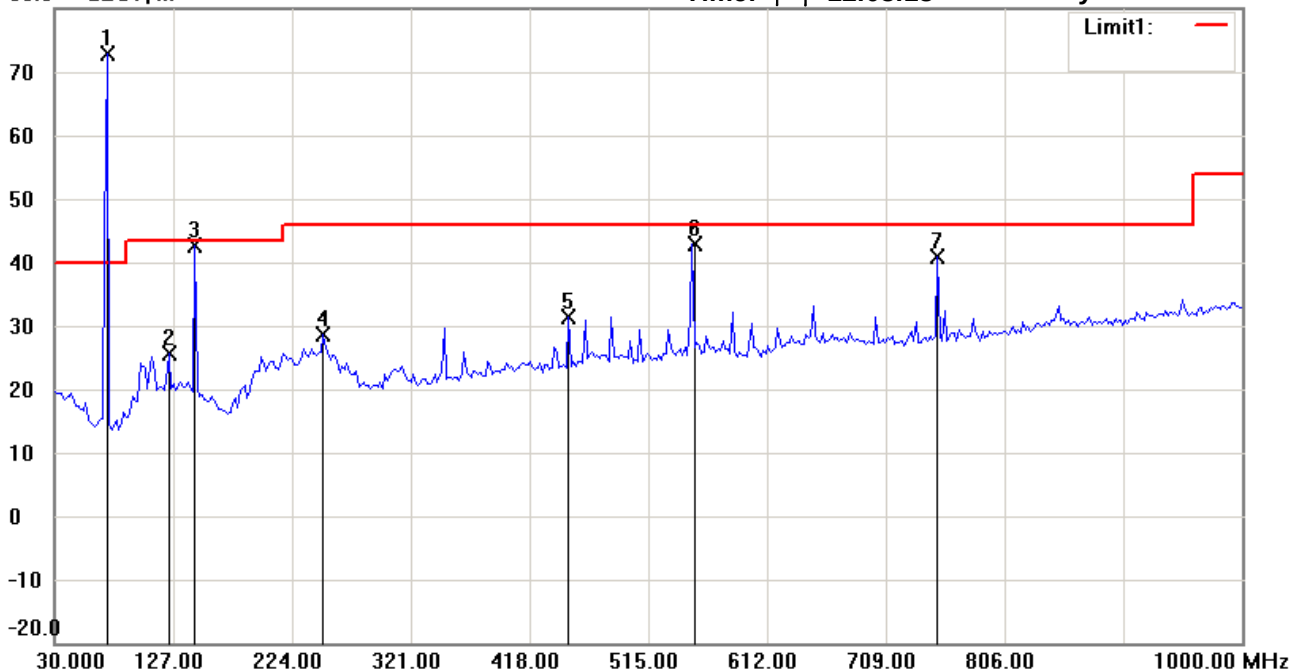
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 12:03:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance:

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
*	72.7655	85.66	peak	-12.85	72.81	40.00			32.81	TX
	123.3066	31.92	peak	-6.24	25.68	43.50	200	255	-17.82	
	144.6894	49.72	peak	-7.15	42.57	43.50	240	160	-0.93	
	249.6593	36.20	peak	-7.57	28.63	46.00	160	275	-17.37	
	449.8798	34.21	peak	-2.76	31.45	46.00	150	135	-14.55	
	550.9620	43.89	peak	-1.12	42.77	46.00	150	60	-3.23	
	751.1824	39.88	peak	0.99	40.87	46.00	150	110	-5.13	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

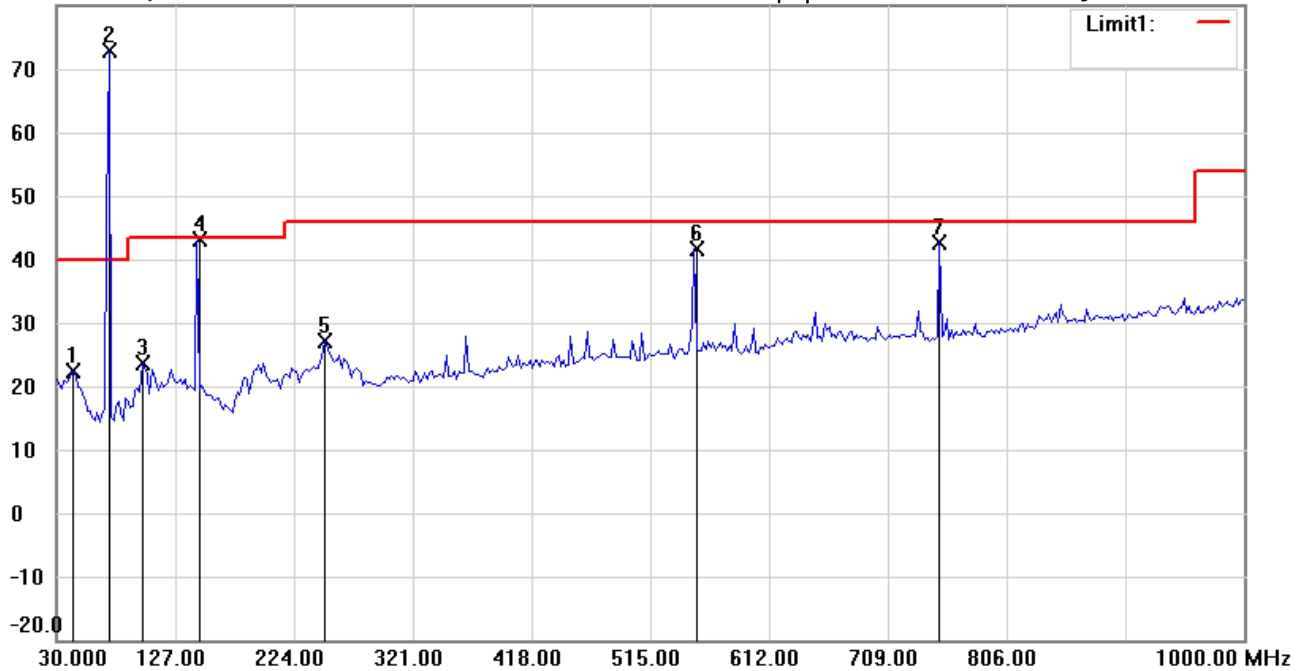
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 12:11:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance:

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
	43.6072	30.93	peak	-8.49	22.44	40.00	150	235	-17.56	
*	72.7655	85.83	peak	-12.85	72.98	40.00			32.98	TX
	99.9800	33.14	peak	-9.49	23.65	43.50	150	160	-19.85	
	145.9183	50.36	QP	-7.26	43.10	43.50	150	210	-0.40	
	249.6593	34.63	peak	-7.57	27.06	46.00	150	250	-18.94	
	550.9620	42.82	peak	-1.12	41.70	46.00	150	275	-4.30	
	751.1824	41.53	peak	0.99	42.52	46.00	150	240	-3.48	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

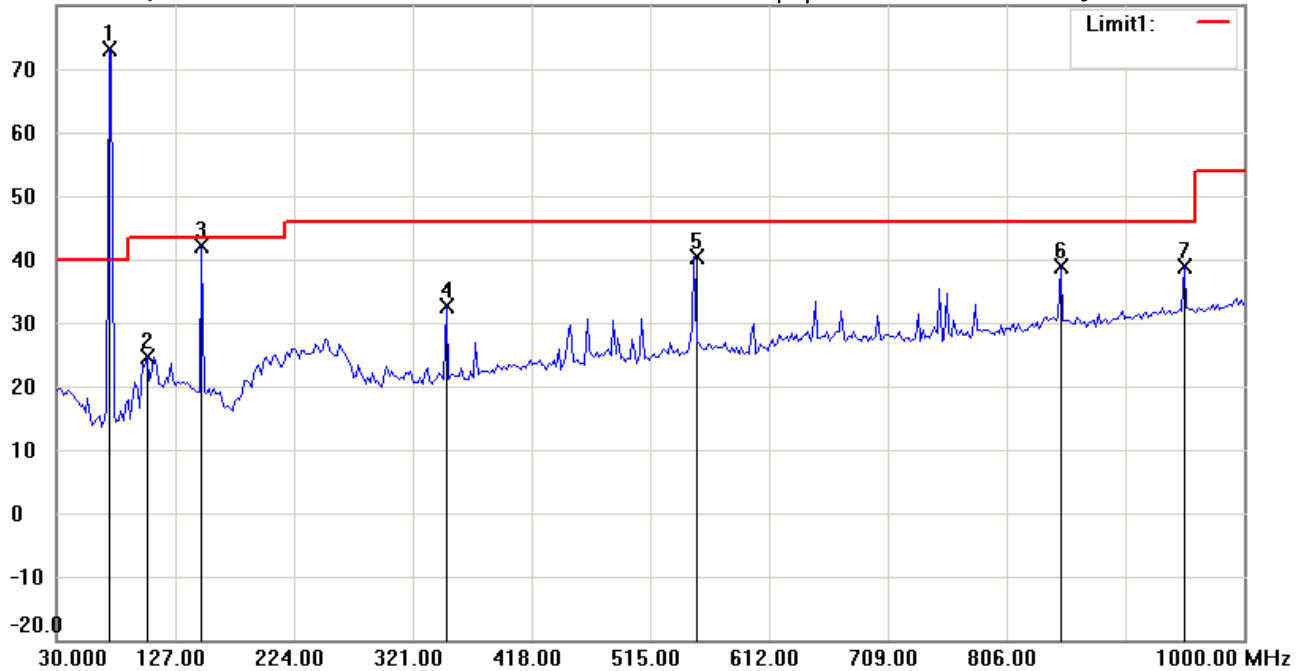
Date: 2016/11/3

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 01:02:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	103.8677	33.14	peak	-8.51	24.63	43.50	240	225	-18.87	
	148.5772	49.60	peak	-7.51	42.09	43.50	210	190	-1.41	
	348.7976	37.31	peak	-4.59	32.72	46.00	150	230	-13.28	
	550.9620	41.38	peak	-1.12	40.26	46.00	150	165	-5.74	
	850.3206	35.25	peak	3.71	38.96	46.00	150	240	-7.04	
	951.4028	33.22	peak	5.55	38.77	46.00	150	275	-7.23	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

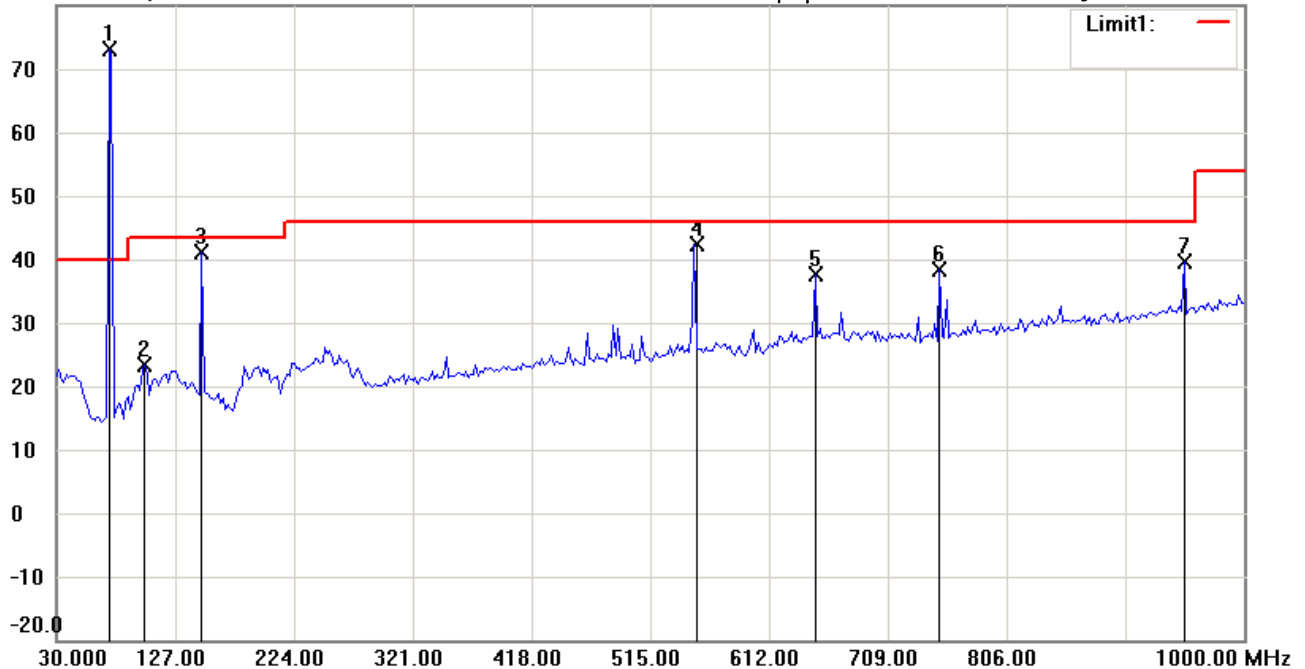
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:07:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance:

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
*	72.7655	85.97	peak	-12.85	73.12	40.00			33.12	TX
	101.9238	32.34	peak	-9.00	23.34	43.50	150	255	-20.16	
	148.5772	48.58	peak	-7.51	41.07	43.50	150	80	-2.43	
	550.9620	43.51	peak	-1.12	42.39	46.00	150	175	-3.61	
	650.1002	36.63	peak	1.09	37.72	46.00	150	265	-8.28	
	751.1824	37.46	peak	0.99	38.45	46.00	150	190	-7.55	
	951.4028	34.00	peak	5.55	39.55	46.00	105	250	-6.45	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

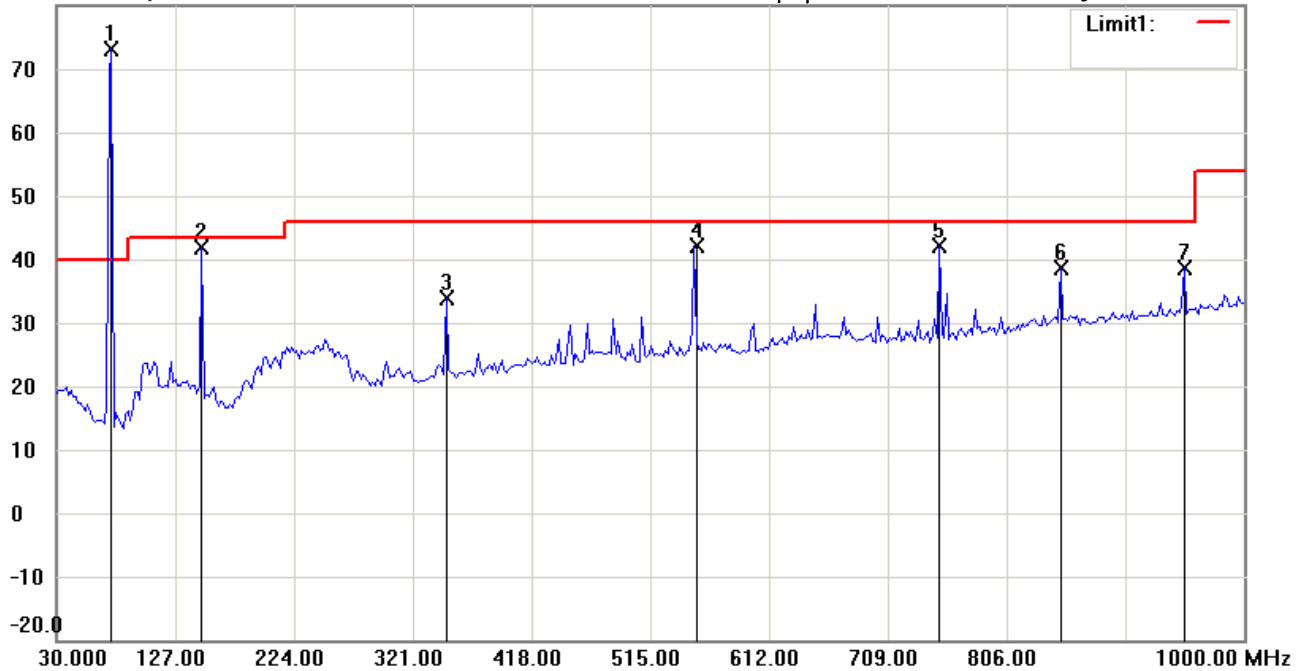
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:11:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.98	peak	-12.91	73.07	40.00			33.07	TX
	148.5772	49.50	peak	-7.51	41.99	43.50	245	245	-1.51	
	348.7976	38.50	peak	-4.59	33.91	46.00	220	260	-12.09	
	550.9620	43.33	peak	-1.12	42.21	46.00	160	230	-3.79	
	751.1824	41.13	peak	0.99	42.12	46.00	150	240	-3.88	
	850.3206	34.98	peak	3.71	38.69	46.00	150	175	-7.31	
	951.4028	33.08	peak	5.55	38.63	46.00	150	180	-7.37	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#3

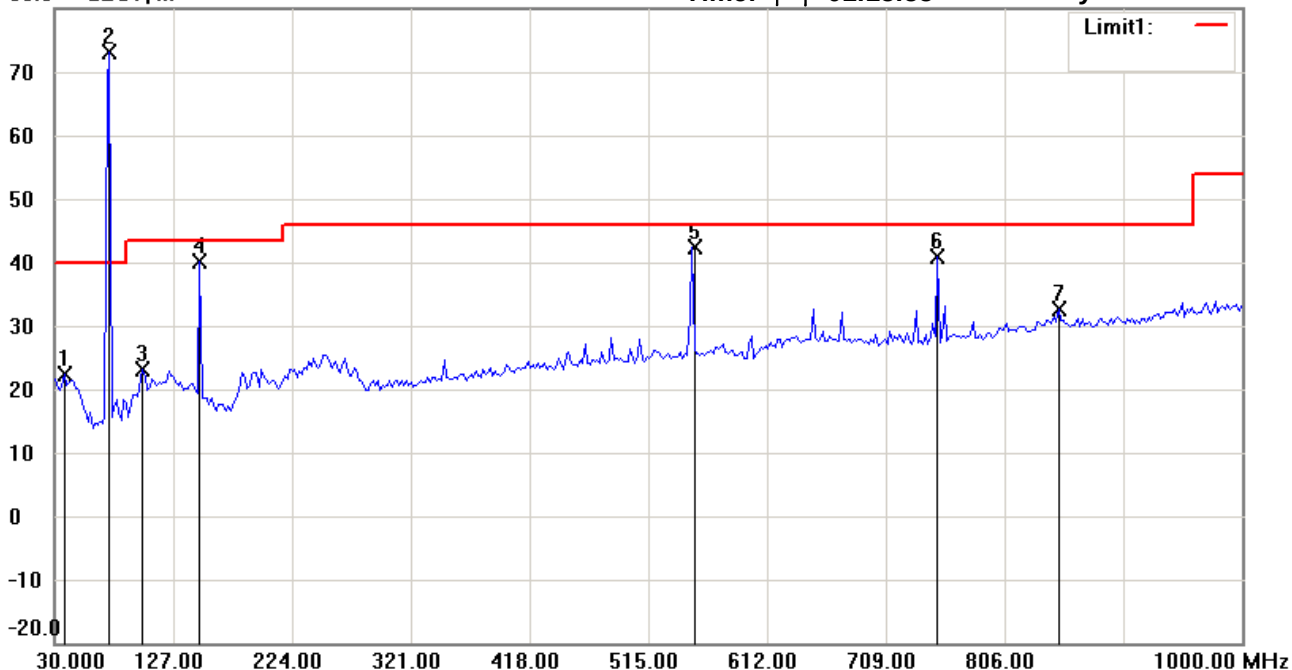
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:15:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
	37.7756	30.22	peak	-7.87	22.35	40.00	150	275	-17.65	
*	74.7094	85.98	peak	-12.91	73.07	40.00			33.07	TX
	101.9238	32.24	peak	-9.00	23.24	43.50	150	190	-20.26	
	148.5772	47.65	peak	-7.51	40.14	43.50	150	220	-3.36	
	550.9620	43.54	peak	-1.12	42.42	46.00	150	215	-3.58	
	751.1824	39.81	peak	0.99	40.80	46.00	150	260	-5.20	
	850.3206	28.90	peak	3.71	32.61	46.00	150	230	-13.39	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

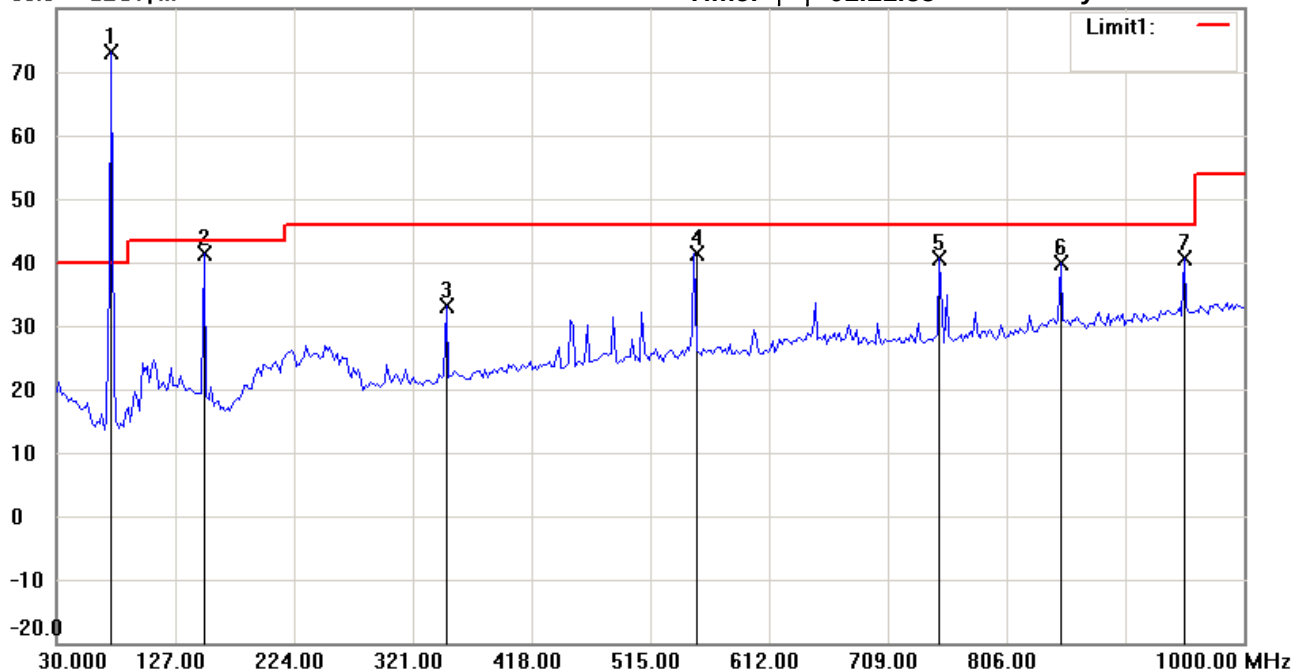
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:21:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.98	peak	-12.91	73.07	40.00			33.07	TX
	150.5210	49.14	peak	-7.70	41.44	43.50	240	265	-2.06	
	348.7976	37.70	peak	-4.59	33.11	46.00	200	290	-12.89	
	550.9620	42.61	peak	-1.12	41.49	46.00	170	240	-4.51	
	751.1824	39.73	peak	0.99	40.72	46.00	150	235	-5.28	
	850.3206	36.17	peak	3.71	39.88	46.00	150	220	-6.12	
	951.4028	35.18	peak	5.55	40.73	46.00	150	270	-5.27	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

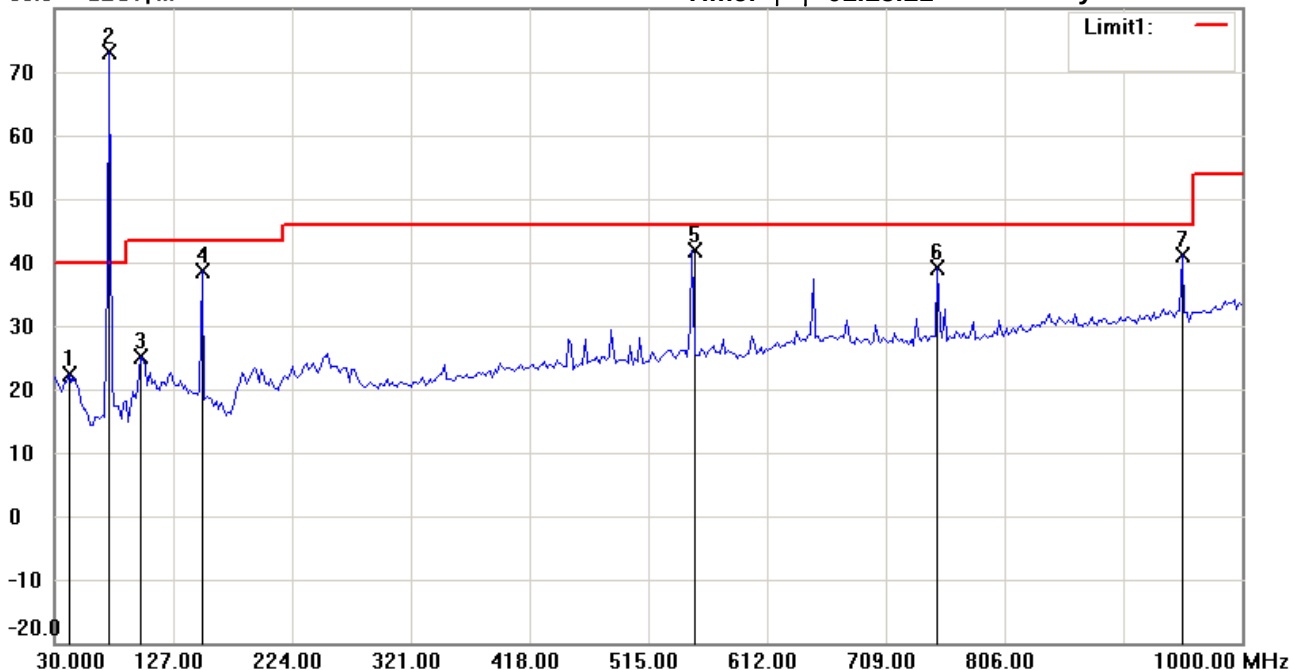
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:25:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
	41.6633	30.68	peak	-8.33	22.35	40.00	150	285	-17.65	
*	74.7094	85.99	peak	-12.91	73.08	40.00			33.08	TX
	99.9800	34.50	peak	-9.49	25.01	43.50	235	250	-18.49	
	150.5210	46.44	peak	-7.70	38.74	43.50	210	260	-4.76	
	550.9620	43.08	peak	-1.12	41.96	46.00	150	245	-4.04	
	751.1824	38.14	peak	0.99	39.13	46.00	150	230	-6.87	
	951.4028	35.55	peak	5.55	41.10	46.00	150	210	-4.90	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

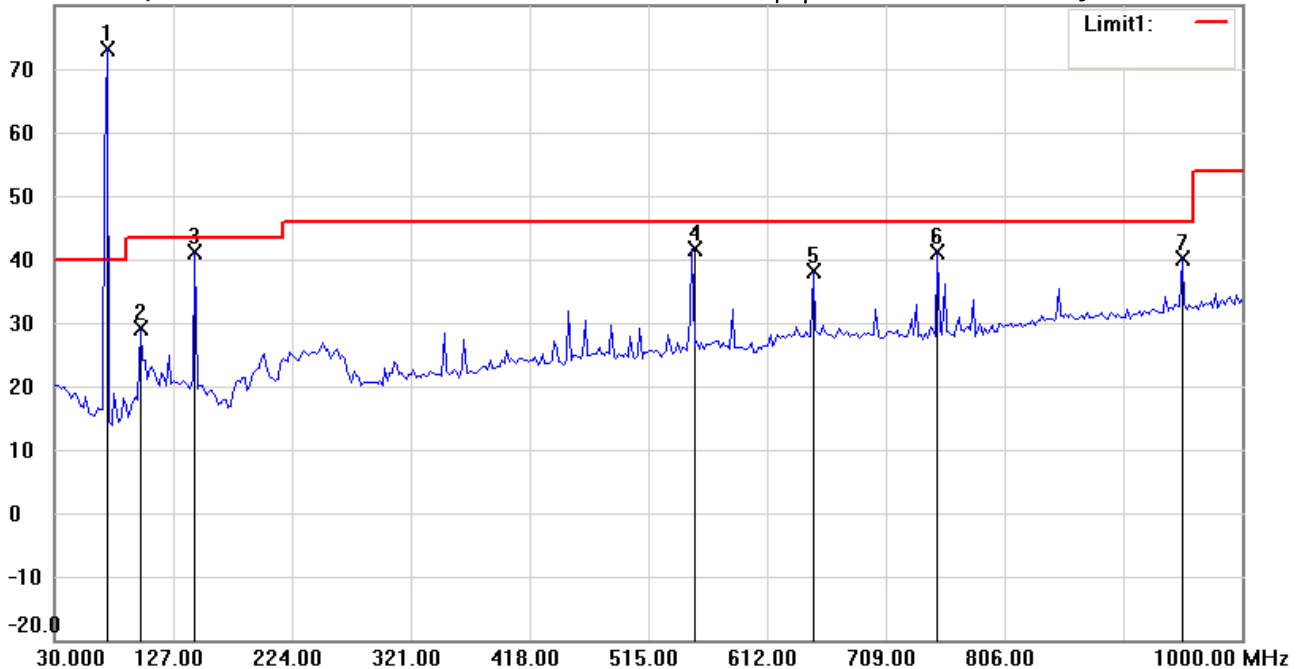
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:40:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.99	peak	-12.85	73.14	40.00			33.14	TX
	99.9800	38.58	peak	-9.49	29.09	43.50	230	265	-14.41	
	144.6894	48.39	peak	-7.15	41.24	43.50	190	230	-2.26	
	550.9620	42.79	peak	-1.12	41.67	46.00	150	275	-4.33	
	650.1001	36.95	peak	1.09	38.04	46.00	150	250	-7.96	
	751.1824	40.18	peak	0.99	41.17	46.00	150	190	-4.83	
	951.4027	34.46	peak	5.55	40.01	46.00	150	220	-5.99	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

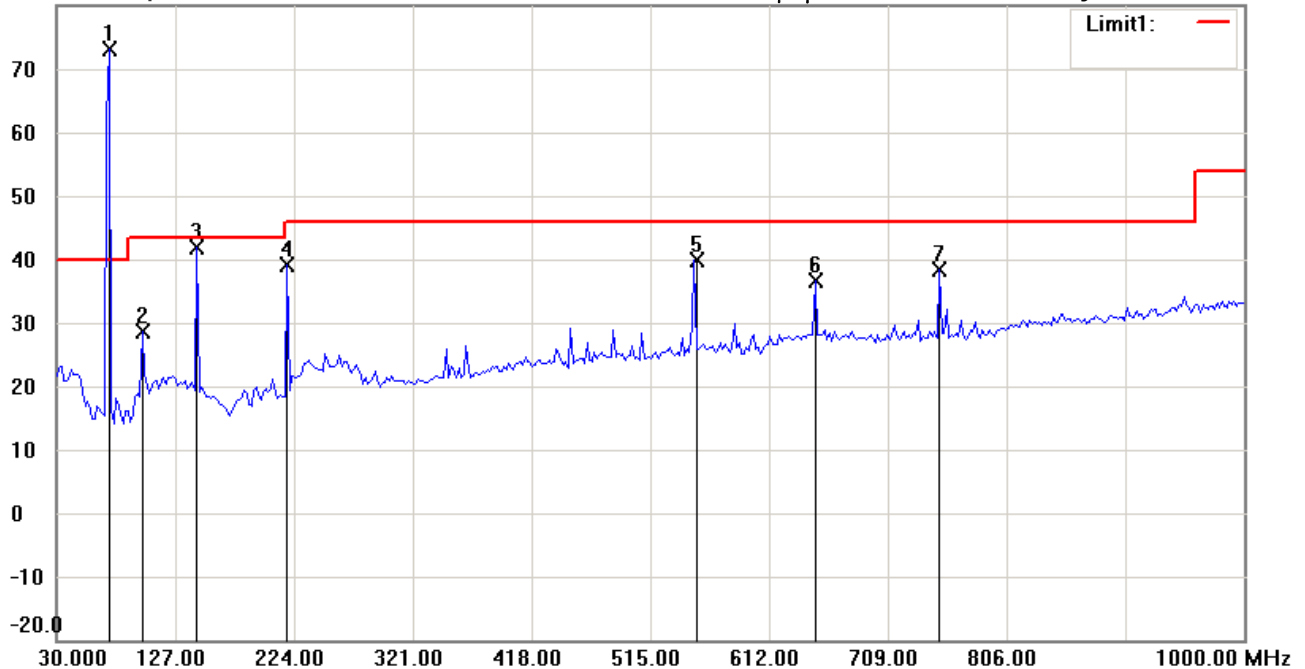
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:44:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

Note :

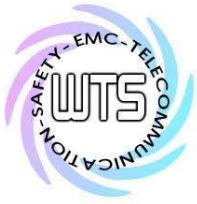
Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	99.9800	38.22	peak	-9.49	28.73	43.50	150	230	-14.77	
	144.6894	48.96	peak	-7.15	41.81	43.50	150	165	-1.69	
	218.5571	48.87	peak	-9.63	39.24	46.00	150	270	-6.76	
	550.9620	41.09	peak	-1.12	39.97	46.00	150	245	-6.03	
	650.1002	35.50	peak	1.09	36.59	46.00	150	220	-9.41	
	751.1824	37.28	peak	0.99	38.27	46.00	150	190	-7.73	

*:Maximum data x:Over limit !:over margin



Worldwide Testing Services(Taiwan) Co., Ltd.

Dipole Antenna (Wide Band)



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

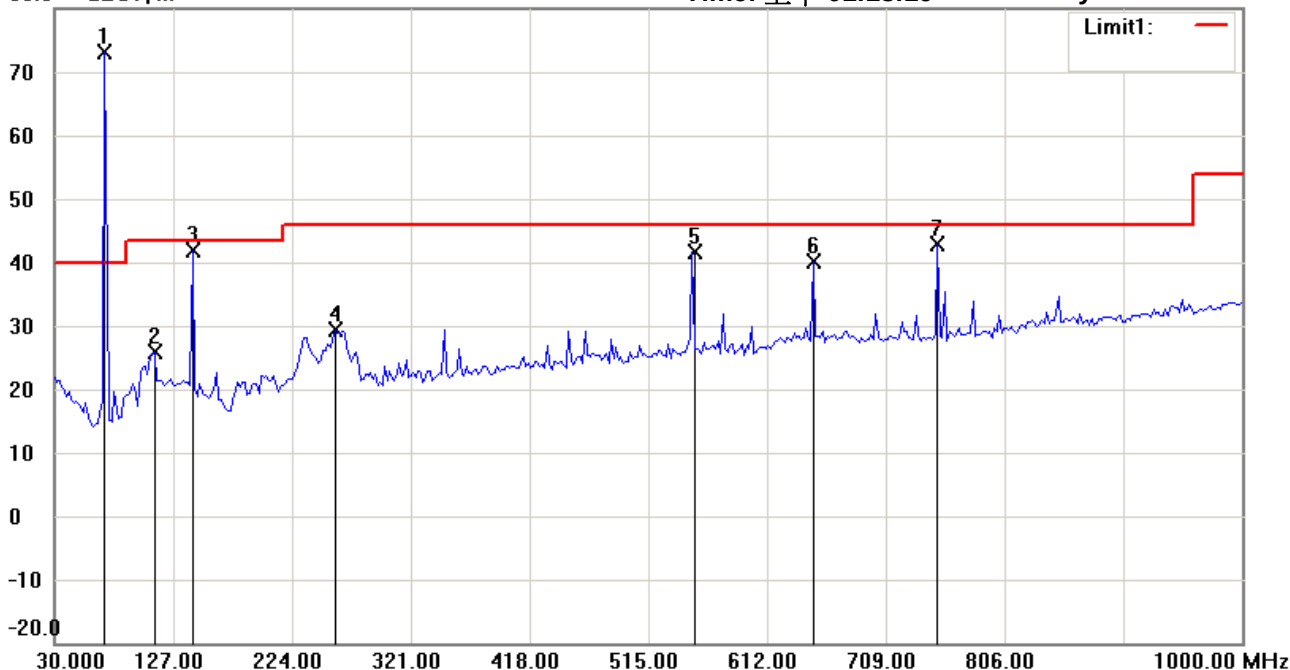
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 01:18:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

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
*	70.8215	85.94	peak	-12.79	73.15	40.00			33.15	TX
	111.6433	32.76	peak	-6.85	25.91	43.50	260	260	-17.59	
	142.7455	48.78	peak	-6.97	41.81	43.50	205	195	-1.69	
	259.3788	36.40	peak	-6.93	29.47	46.00	180	225	-16.53	
	550.9620	42.64	peak	-1.12	41.52	46.00	150	240	-4.48	
	650.1002	38.92	peak	1.09	40.01	46.00	150	170	-5.99	
	751.1824	41.91	peak	0.99	42.90	46.00	150	280	-3.10	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#3

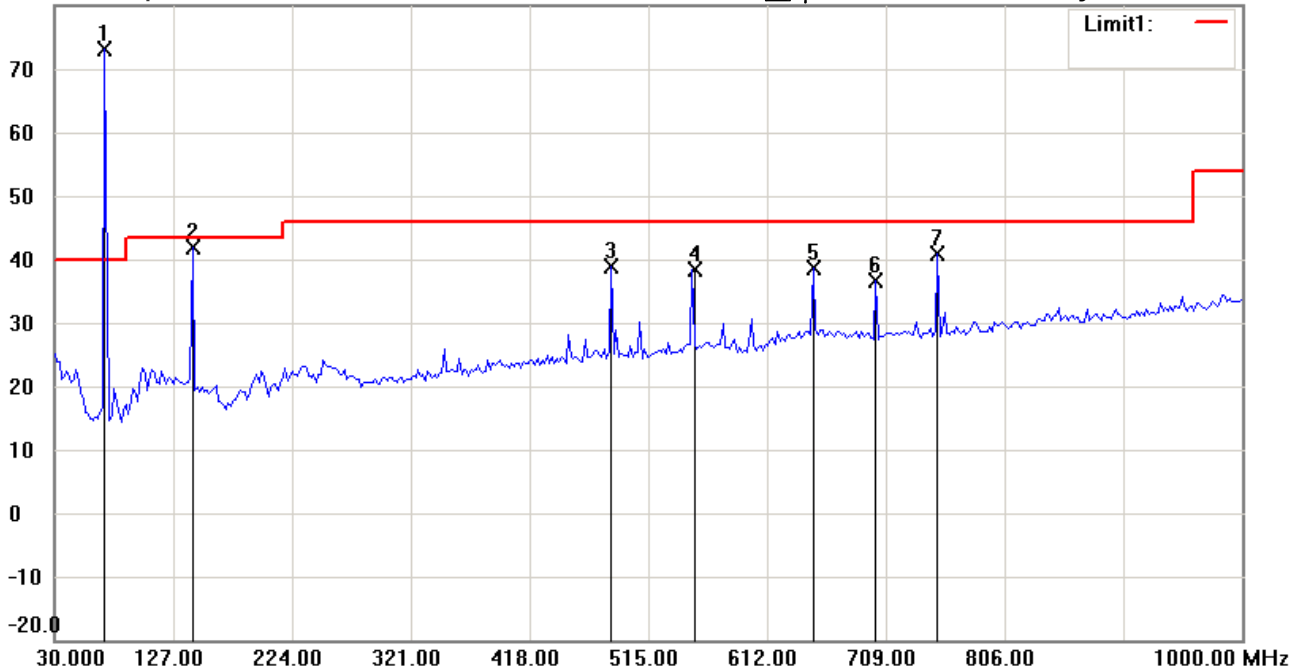
Date: 2016/10/29

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:22:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: Vertical

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
*	70.8215	85.91	peak	-12.79	73.12	40.00			33.12	TX
	142.7455	48.74	peak	-6.97	41.77	43.50	150	235	-1.73	
	484.8697	41.47	peak	-2.68	38.79	46.00	150	110	-7.21	
	550.9620	39.54	peak	-1.12	38.42	46.00	150	175	-7.58	
	650.1002	37.64	peak	1.09	38.73	46.00	150	95	-7.27	
	700.6413	36.04	peak	0.55	36.59	46.00	150	220	-9.41	
	751.1824	39.81	peak	0.99	40.80	46.00	150	245	-5.20	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

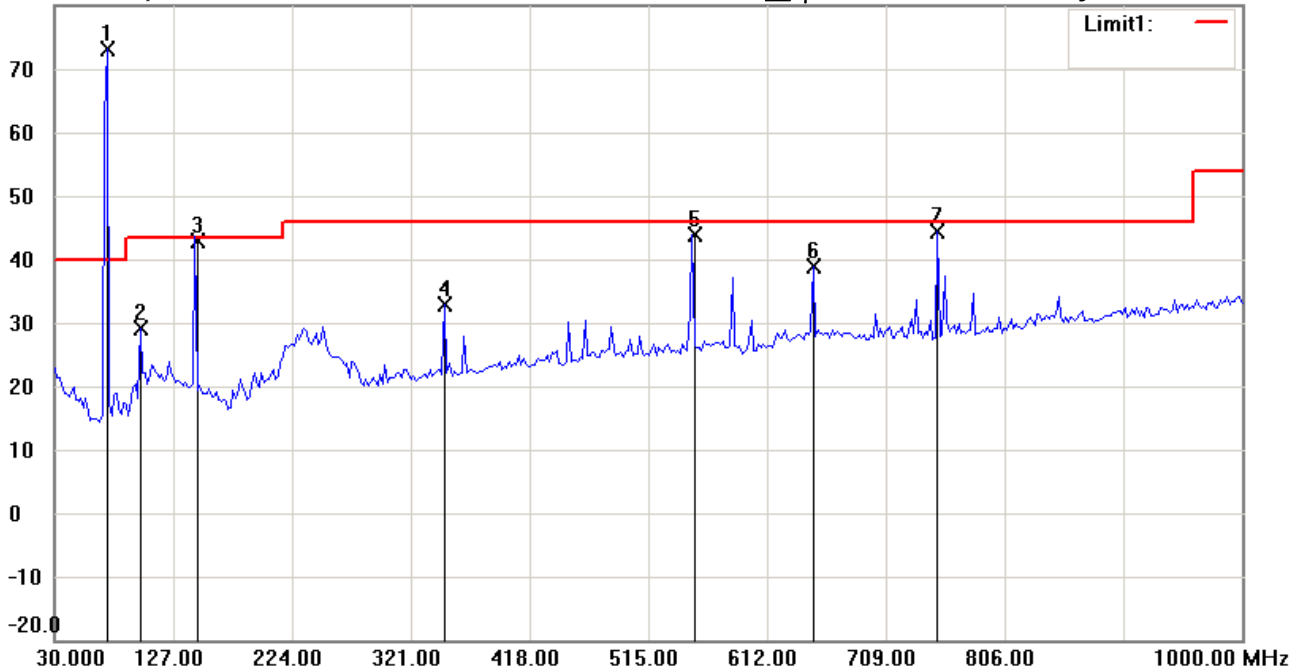
Date: 2016/10/29

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 12:38:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

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
*	72.7655	85.91	peak	-12.85	73.06	40.00			33.06	TX
	99.9800	38.61	peak	-9.49	29.12	43.50	250	235	-14.38	
	145.7921	50.09	QP	-7.25	42.84	43.50	280	305	-0.66	
	348.7976	37.57	peak	-4.59	32.98	46.00	205	240	-13.02	
	550.9620	44.93	peak	-1.12	43.81	46.00	150	195	-2.19	
	650.1002	37.75	peak	1.09	38.84	46.00	150	220	-7.16	
	751.1824	43.44	peak	0.99	44.43	46.00	150	170	-1.57	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

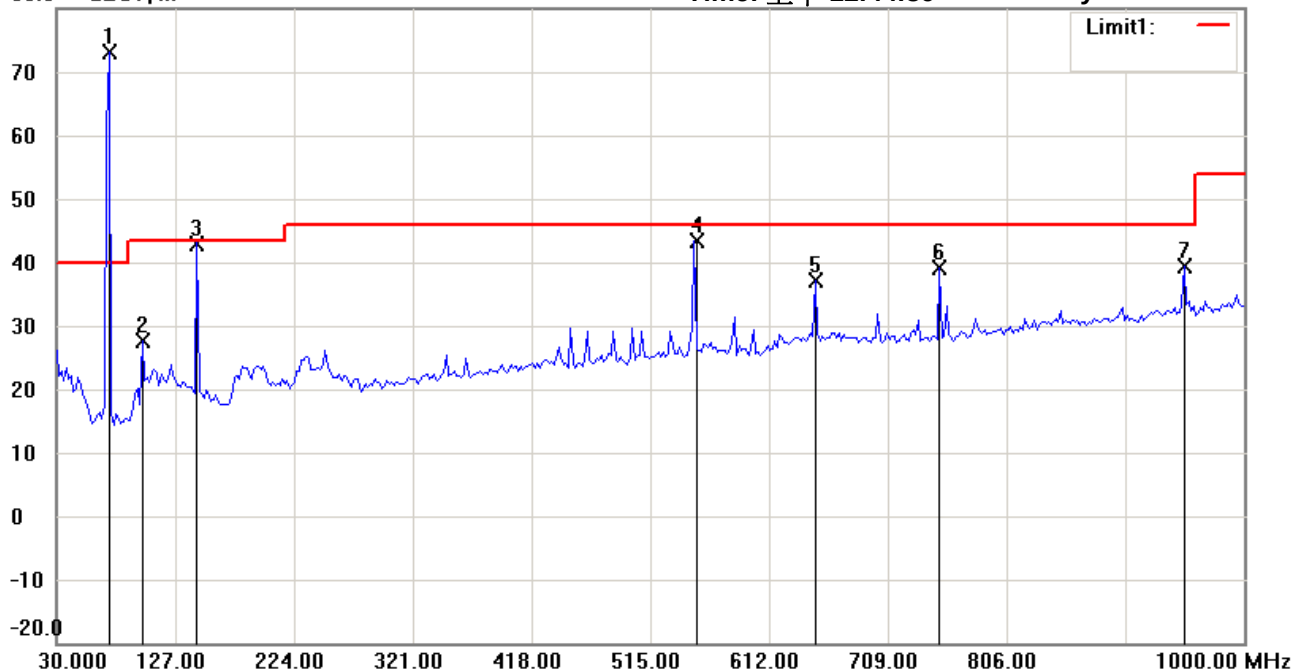
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:44:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

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
*	72.7655	85.91	peak	-12.85	73.06	40.00			33.06	TX
	99.9800	37.00	peak	-9.49	27.51	43.50	150	270	-15.99	
	144.6894	49.99	peak	-7.15	42.84	43.50	150	235	-0.66	
	550.9620	44.42	peak	-1.12	43.30	46.00	150	160	-2.70	
	650.1001	35.92	peak	1.09	37.01	46.00	150	195	-8.99	
	751.1824	38.25	peak	0.99	39.24	46.00	150	220	-6.76	
	951.4027	33.78	peak	5.55	39.33	46.00	150	175	-6.67	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

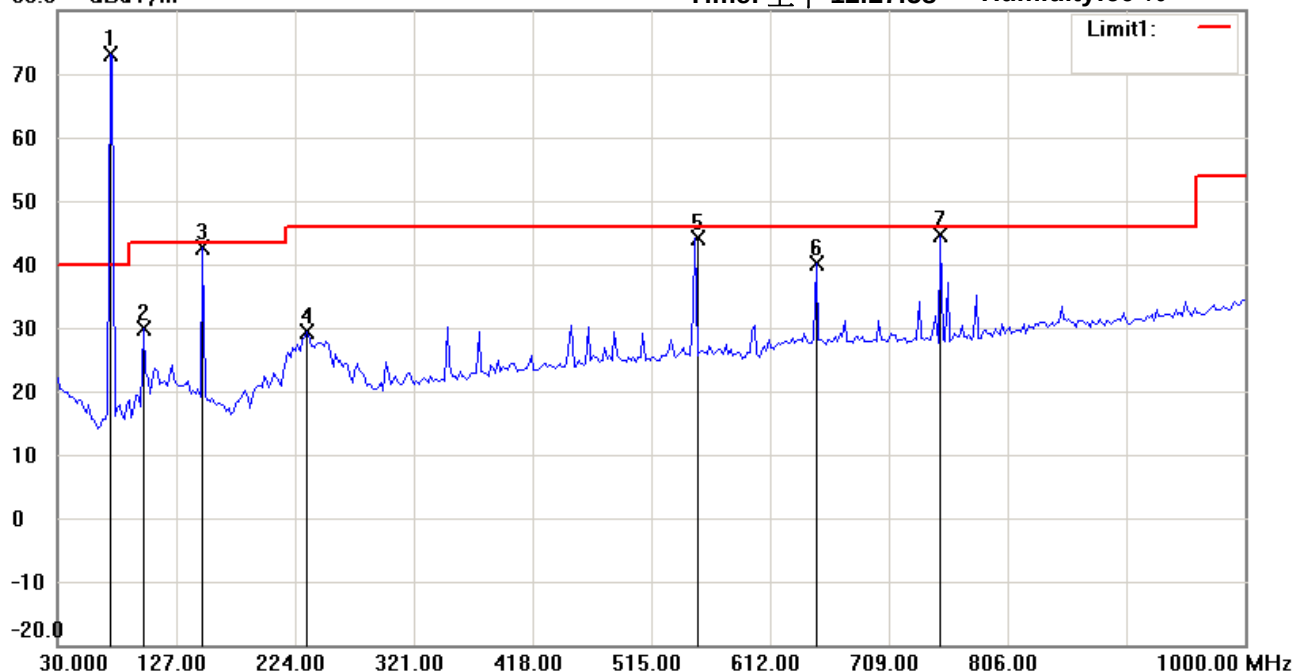
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:27:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.7MHz

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
*	72.7655	85.90	peak	-12.85	73.05	40.00			33.05	TX
	99.9800	39.40	peak	-9.49	29.91	43.50	250	250	-13.59	
	148.5772	50.19	QP	-7.51	42.68	43.50	210	240	-0.82	
	234.1082	37.64	peak	-8.27	29.37	46.00	180	235	-16.63	
	550.9620	45.28	peak	-1.12	44.16	46.00	150	160	-1.84	
	650.1002	39.04	peak	1.09	40.13	46.00	150	195	-5.87	
	751.1824	43.69	QP	0.99	44.68	46.00	150	220	-1.32	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

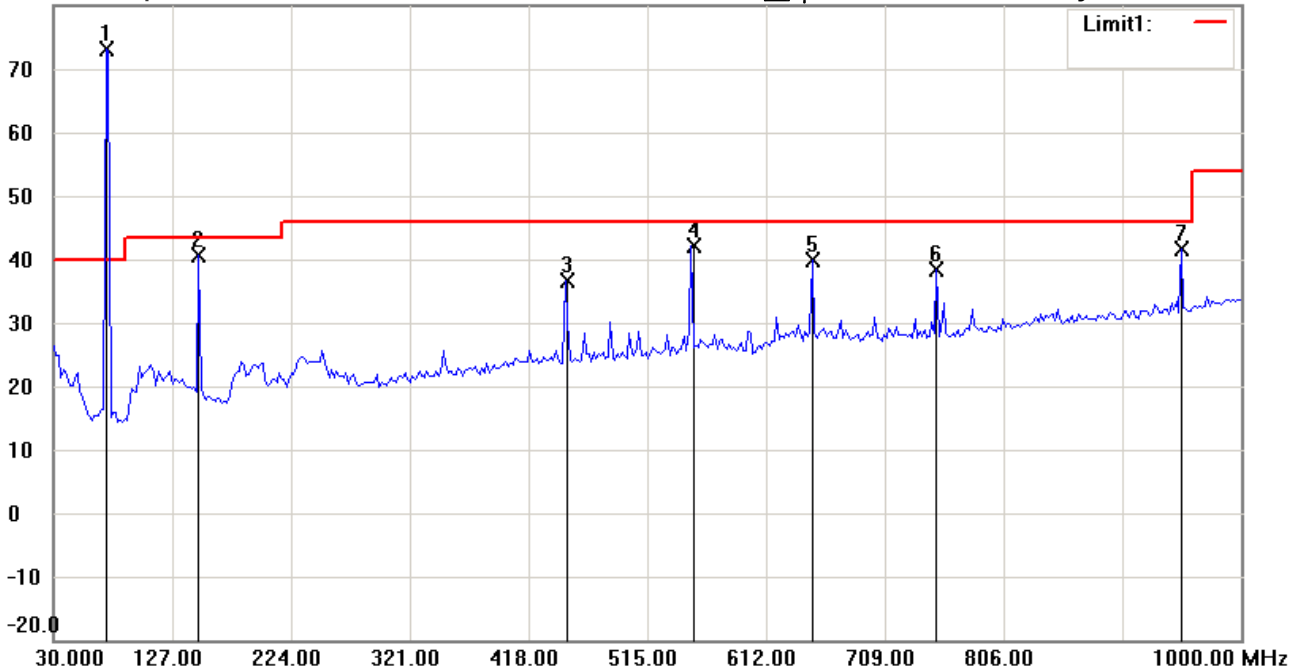
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:34:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.7MHz

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
*	72.7655	85.91	peak	-12.85	73.06	40.00			33.06	TX
	148.5772	48.20	peak	-7.51	40.69	43.50	150	175	-2.81	
	447.9360	39.55	peak	-2.80	36.75	46.00	150	220	-9.25	
	550.9620	43.14	peak	-1.12	42.02	46.00	150	135	-3.98	
	650.1002	38.87	peak	1.09	39.96	46.00	150	260	-6.04	
	751.1824	37.37	peak	0.99	38.36	46.00	150	295	-7.64	
	951.4028	36.02	peak	5.55	41.57	46.00	150	330	-4.43	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

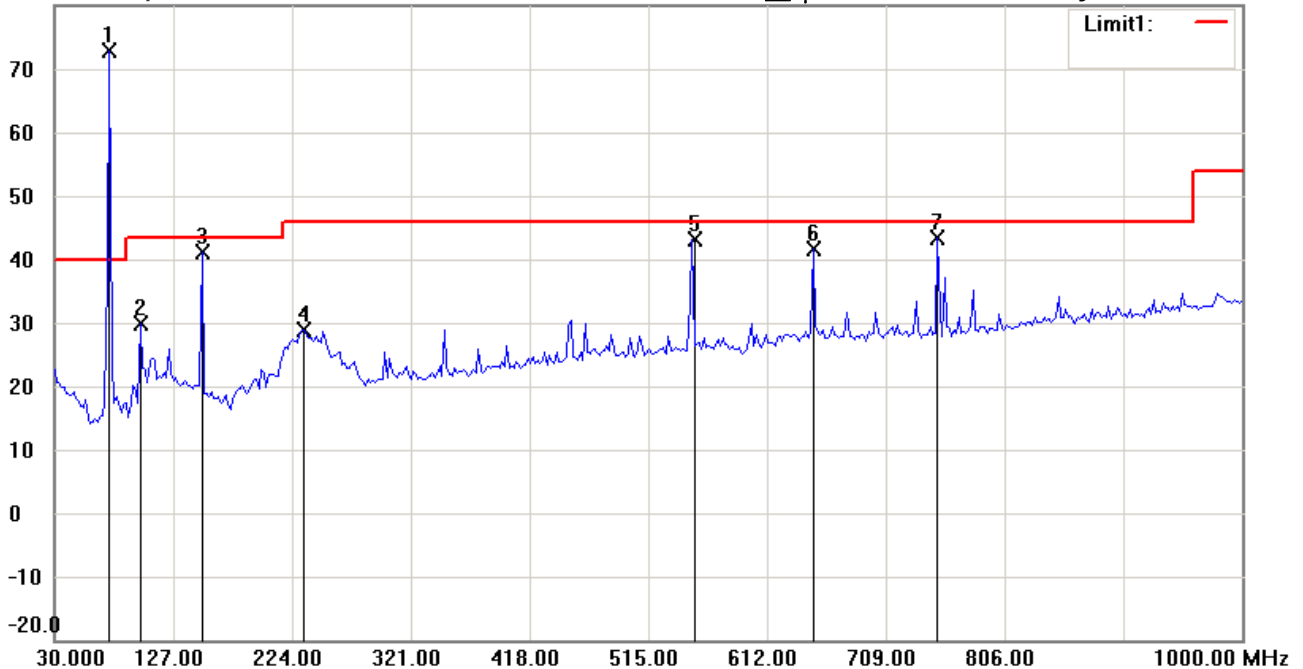
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:18:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

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
*	74.7094	85.91	peak	-12.91	73.00	40.00			33.00	TX
	99.9800	39.32	peak	-9.49	29.83	43.50	295	255	-13.67	
	150.5210	48.93	peak	-7.70	41.23	43.50	250	160	-2.27	
	234.1082	37.23	peak	-8.27	28.96	46.00	190	175	-17.04	
	550.9620	44.27	peak	-1.12	43.15	46.00	150	230	-2.85	
	650.1002	40.44	peak	1.09	41.53	46.00	150	250	-4.47	
	751.1824	42.37	peak	0.99	43.36	46.00	150	215	-2.64	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#3

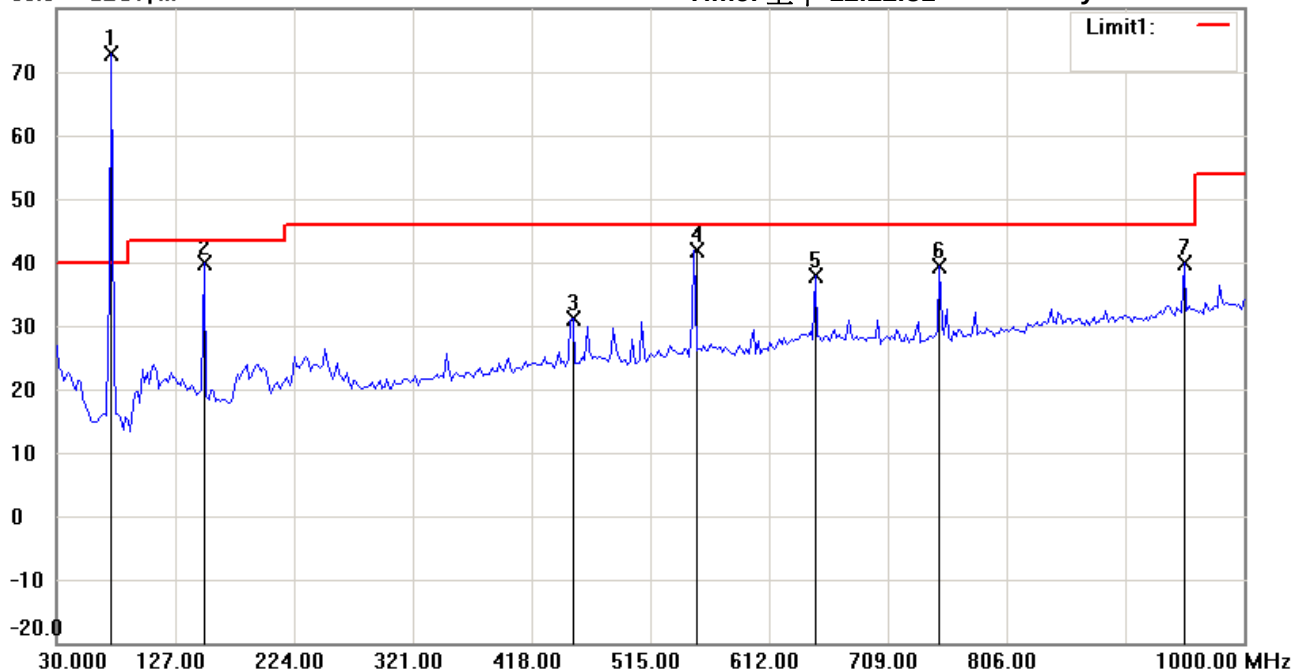
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:22:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

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
*	74.7094	85.91	peak	-12.91	73.00	40.00			33.00	TX
	150.5210	47.58	peak	-7.70	39.88	43.50	150	270	-3.62	
	451.8236	33.84	peak	-2.76	31.08	46.00	150	235	-14.92	
	550.9620	42.98	peak	-1.12	41.86	46.00	150	155	-4.14	
	650.1002	36.76	peak	1.09	37.85	46.00	150	190	-8.15	
	751.1824	38.29	peak	0.99	39.28	46.00	150	260	-6.72	
	951.4028	34.31	peak	5.55	39.86	46.00	150	250	-6.14	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

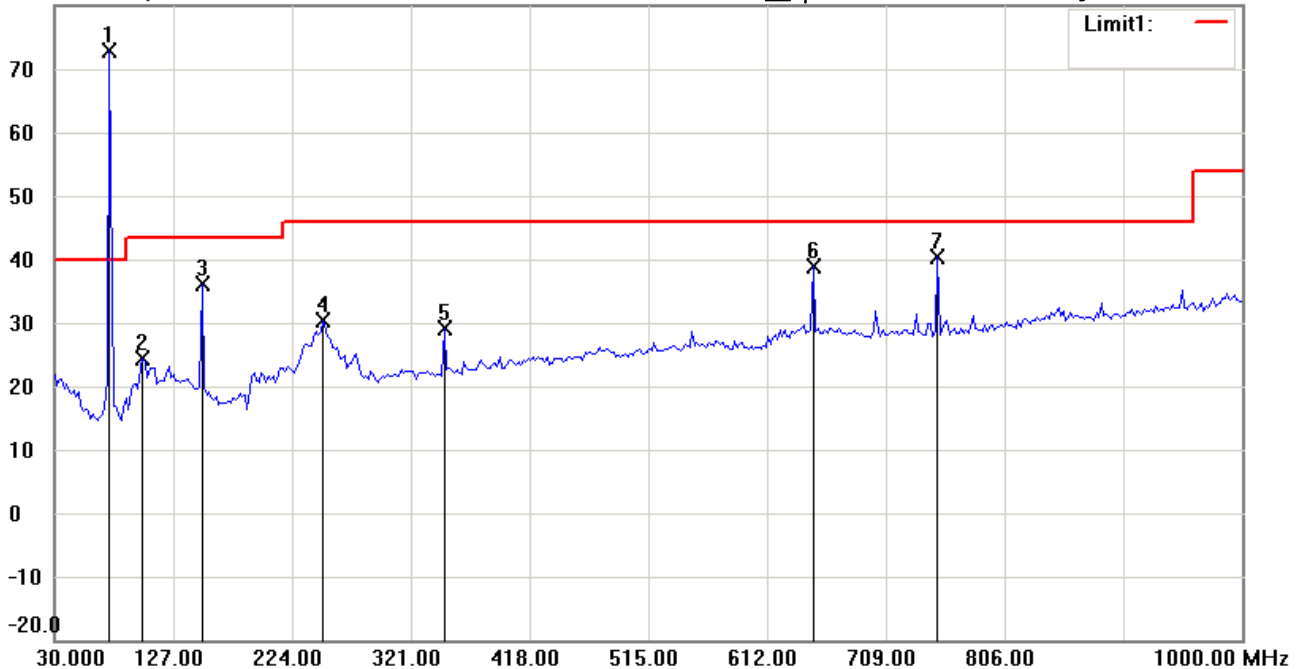
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:11:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

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
*	74.7094	85.91	peak	-12.91	73.00	40.00			33.00	TX
	101.9238	33.38	peak	-9.00	24.38	43.50	250	265	-19.12	
	150.5210	43.82	peak	-7.70	36.12	43.50	210	255	-7.38	
	249.6593	38.05	peak	-7.57	30.48	46.00	185	130	-15.52	
	348.7976	33.77	peak	-4.59	29.18	46.00	150	175	-16.82	
	650.1002	37.79	peak	1.09	38.88	46.00	150	220	-7.12	
	751.1824	39.41	peak	0.99	40.40	46.00	150	160	-5.60	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#3

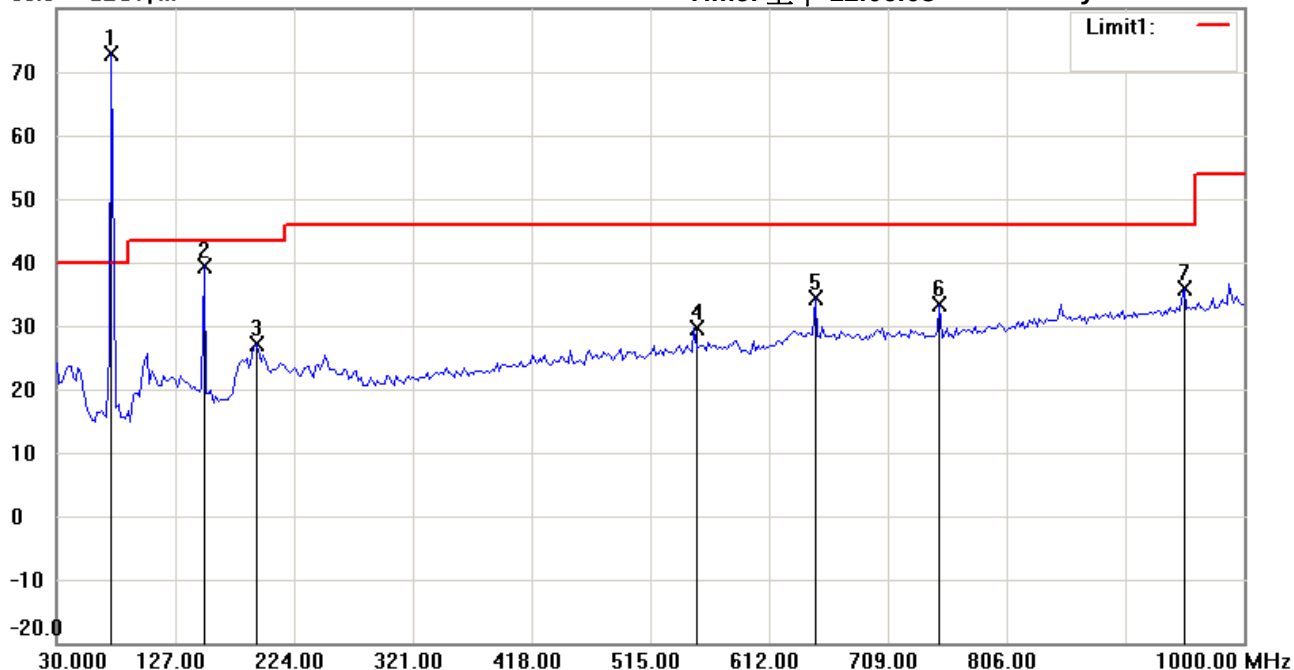
Date: 2016/10/29

Temperature:24 °C

80.0 dBuV/m

Time: 上午 12:06:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

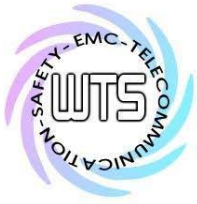
Note :

Polarization: Vertical

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
*	74.7094	85.91	peak	-12.91	73.00	40.00			33.00	TX
	150.5210	46.97	peak	-7.70	39.27	43.50	150	55	-4.23	
	193.2865	37.92	peak	-10.79	27.13	43.50	150	80	-16.37	
	550.9620	30.64	peak	-1.12	29.52	46.00	150	110	-16.48	
	650.1001	33.25	peak	1.09	34.34	46.00	150	135	-11.66	
	751.1824	32.30	peak	0.99	33.29	46.00	150	60	-12.71	
	951.4027	30.40	peak	5.55	35.95	46.00	150	245	-10.05	



Worldwide Testing Services(Taiwan) Co., Ltd.

Helical Antenna (Narrow Band)



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

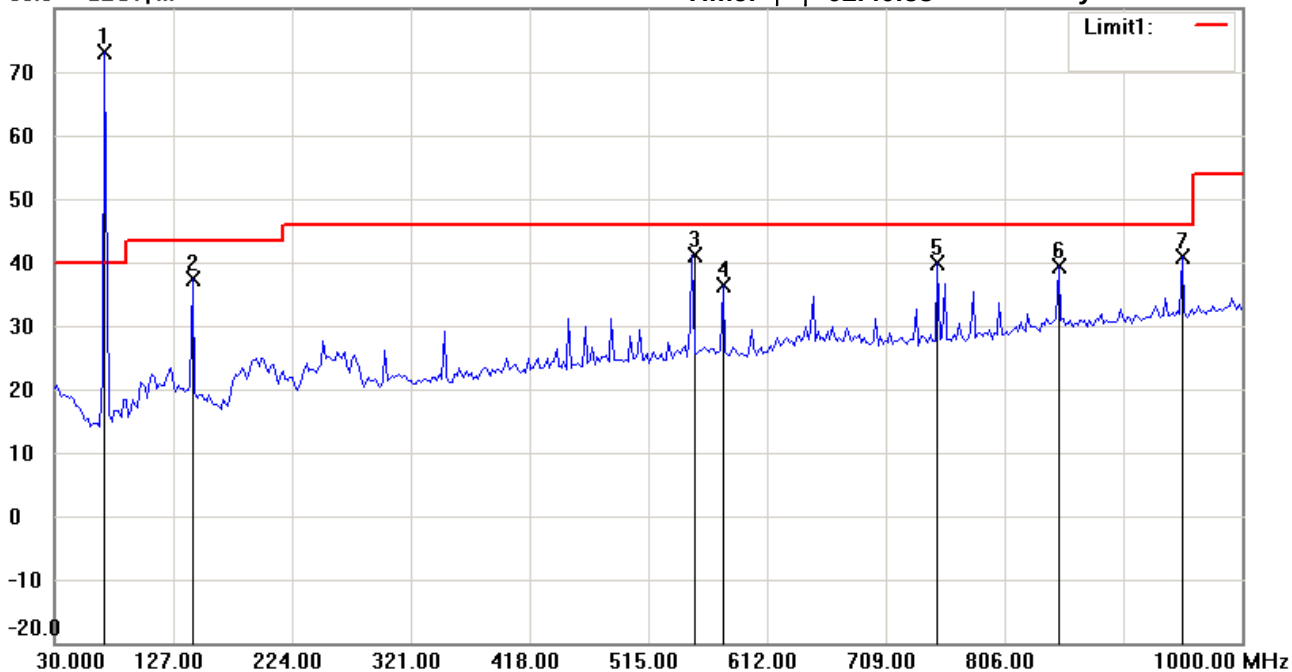
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:40:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	70.8215	85.98	peak	-12.79	73.19	40.00			33.19	TX
	142.7455	44.33	peak	-6.97	37.36	43.50	220	235	-6.14	
	550.9620	42.26	peak	-1.12	41.14	46.00	170	260	-4.86	
	576.2325	37.50	peak	-1.22	36.28	46.00	150	245	-9.72	
	751.1824	38.88	peak	0.99	39.87	46.00	150	175	-6.13	
	850.3206	35.71	peak	3.71	39.42	46.00	150	310	-6.58	
	951.4028	35.43	peak	5.55	40.98	46.00	150	255	-5.02	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

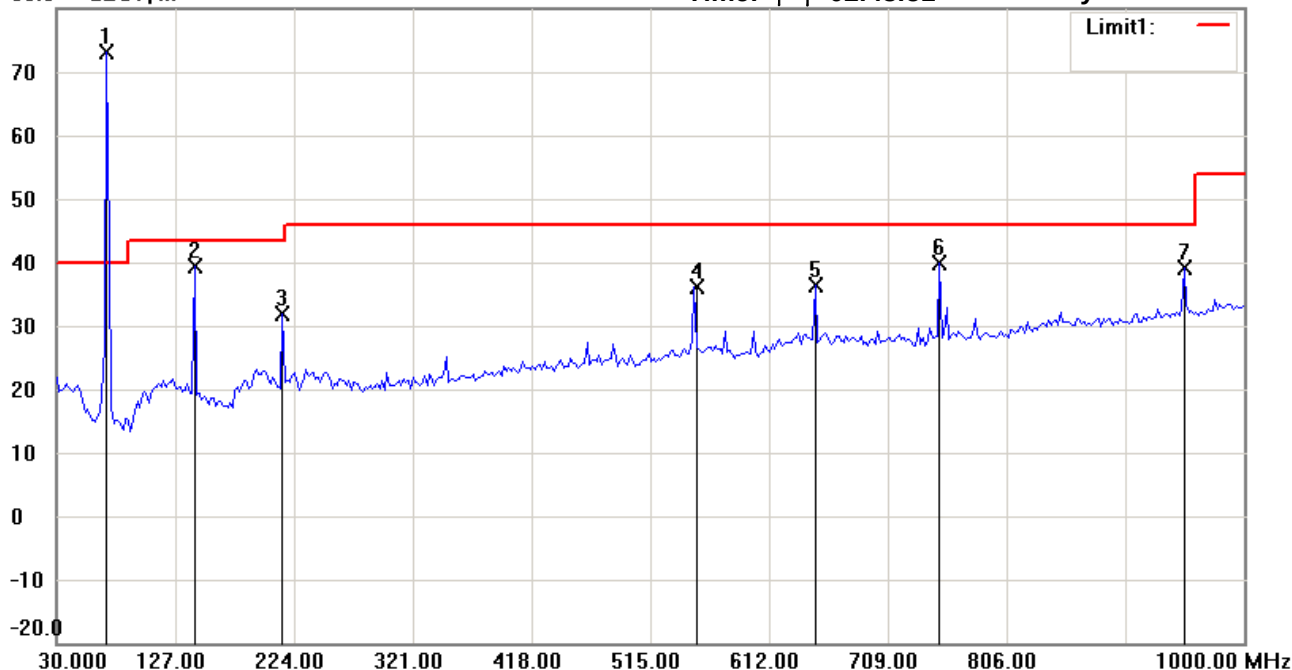
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:43:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.025MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	70.8215	85.98	peak	-12.79	73.19	40.00			33.19	TX
	142.7455	46.23	peak	-6.97	39.26	43.50	150	255	-4.24	
	214.6693	41.73	peak	-9.73	32.00	43.50	150	170	-11.50	
	550.9620	37.34	peak	-1.12	36.22	46.00	150	290	-9.78	
	650.1002	35.37	peak	1.09	36.46	46.00	150	235	-9.54	
	751.1824	38.82	peak	0.99	39.81	46.00	150	260	-6.19	
	951.4028	33.67	peak	5.55	39.22	46.00	150	210	-6.78	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

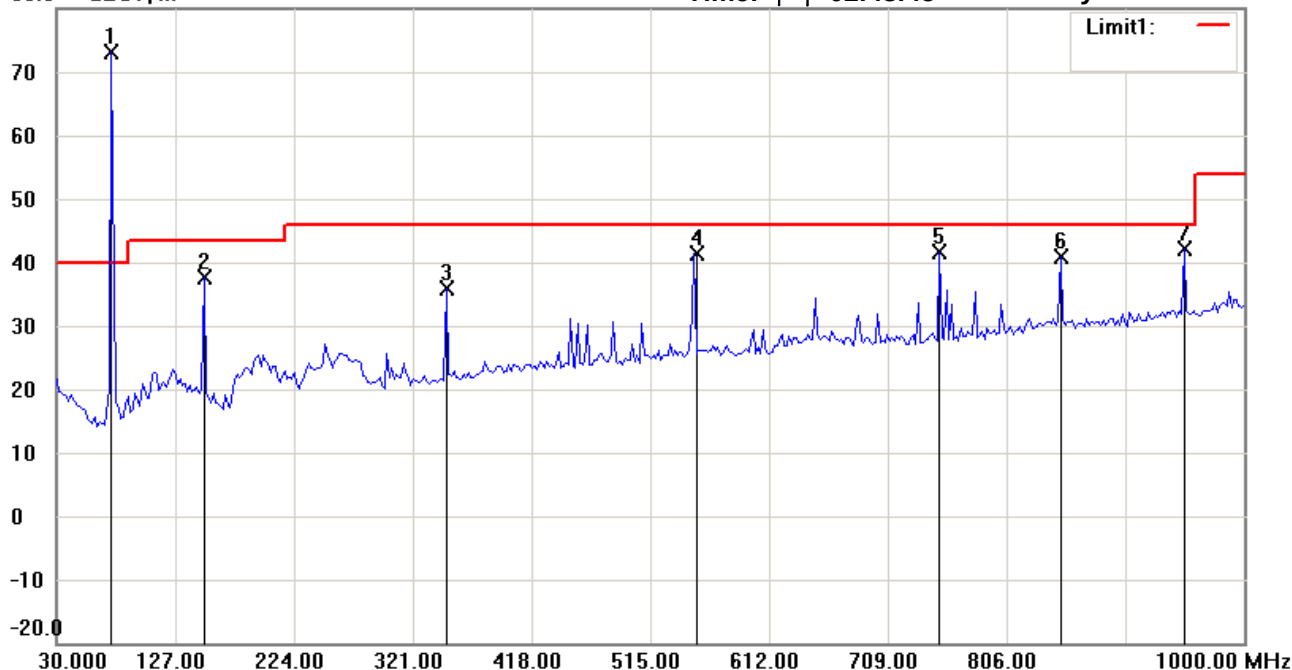
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:48:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.97	peak	-12.91	73.06	40.00			33.06	TX
	150.5210	45.24	peak	-7.70	37.54	43.50	210	255	-5.96	
	348.7976	40.48	peak	-4.59	35.89	46.00	170	260	-10.11	
	550.9620	42.61	peak	-1.12	41.49	46.00	150	245	-4.51	
	751.1824	40.57	peak	0.99	41.56	46.00	150	270	-4.44	
	850.3206	37.12	peak	3.71	40.83	46.00	150	210	-5.17	
	951.4028	36.54	peak	5.55	42.09	46.00	150	190	-3.91	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

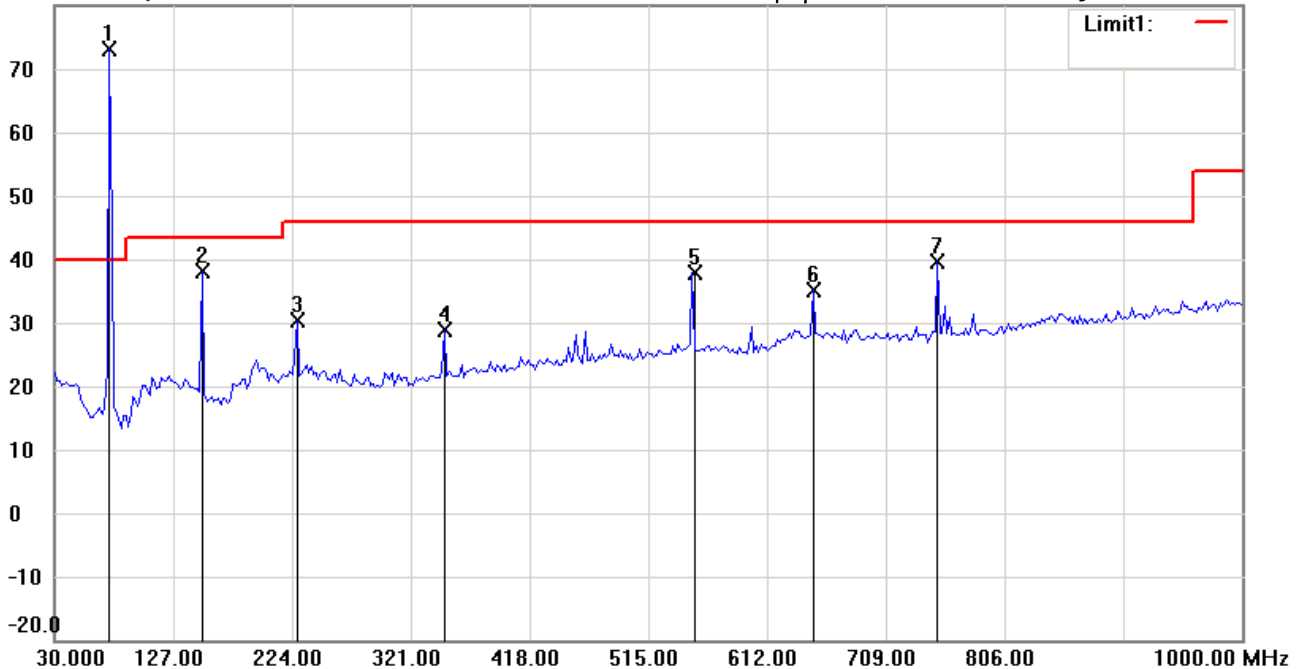
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:51:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.975MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.99	peak	-12.91	73.08	40.00			33.08	TX
	150.5210	45.89	peak	-7.70	38.19	43.50	150	230	-5.31	
	228.2766	39.08	peak	-8.59	30.49	46.00	150	265	-15.51	
	348.7976	33.59	peak	-4.59	29.00	46.00	150	210	-17.00	
	550.9620	39.02	peak	-1.12	37.90	46.00	150	270	-8.10	
	650.1002	33.92	peak	1.09	35.01	46.00	150	255	-10.99	
	751.1824	38.64	peak	0.99	39.63	46.00	150	320	-6.37	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

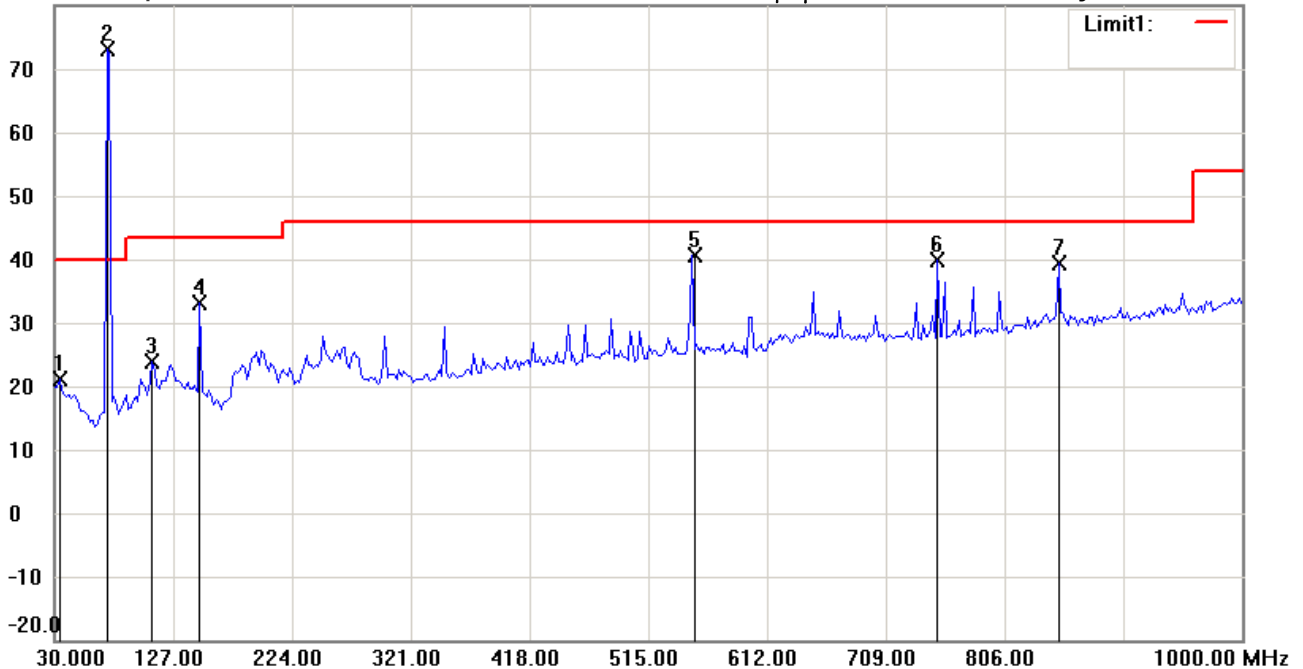
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:21:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance:

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
	33.8878	28.53	peak	-7.41	21.12	40.00	150	335	-18.88	
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	109.6994	30.99	peak	-7.04	23.95	43.50	190	240	-19.55	
	148.5772	40.53	peak	-7.51	33.02	43.50	150	295	-10.48	
	550.9620	41.71	peak	-1.12	40.59	46.00	150	270	-5.41	
	751.1824	38.97	peak	0.99	39.96	46.00	150	250	-6.04	
	850.3206	35.70	peak	3.71	39.41	46.00	150	260	-6.59	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

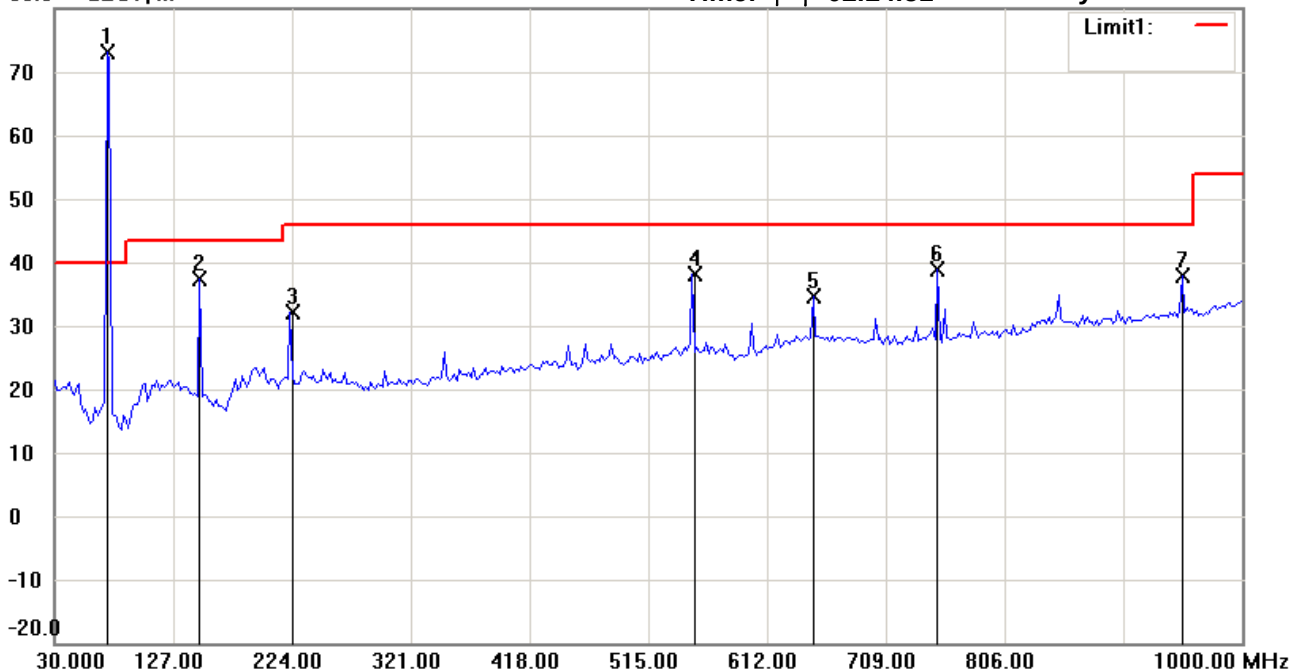
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:24:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.625MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	148.5772	44.93	peak	-7.51	37.42	43.50	150	220	-6.08	
	222.4450	41.39	peak	-9.29	32.10	46.00	150	260	-13.90	
	550.9620	39.23	peak	-1.12	38.11	46.00	150	275	-7.89	
	650.1002	33.55	peak	1.09	34.64	46.00	150	90	-11.36	
	751.1824	37.98	peak	0.99	38.97	46.00	150	230	-7.03	
	951.4028	32.21	peak	5.55	37.76	46.00	150	265	-8.24	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

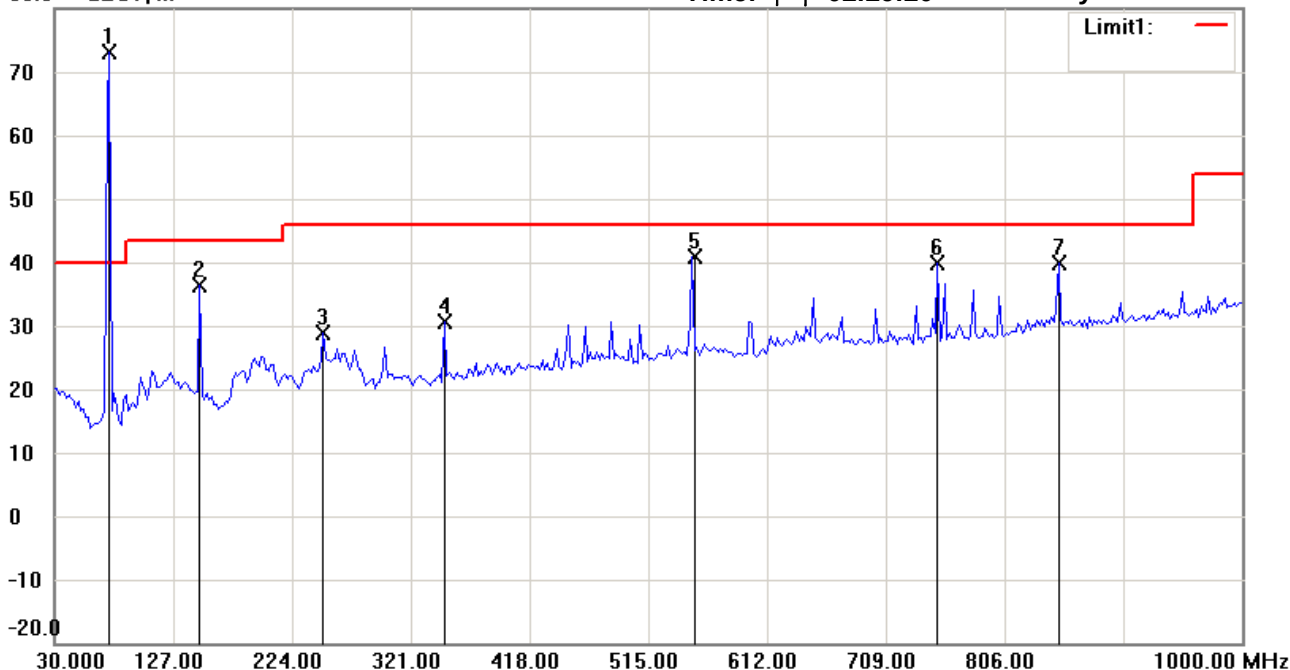
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:29:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.99	peak	-12.91	73.08	40.00			33.08	TX
	148.5772	43.89	peak	-7.51	36.38	43.50	210	250	-7.12	
	249.6593	36.45	peak	-7.57	28.88	46.00	160	230	-17.12	
	348.7976	35.12	peak	-4.59	30.53	46.00	150	265	-15.47	
	550.9620	42.08	peak	-1.12	40.96	46.00	150	190	-5.04	
	751.1824	38.89	peak	0.99	39.88	46.00	150	175	-6.12	
	850.3206	36.19	peak	3.71	39.90	46.00	150	280	-6.10	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

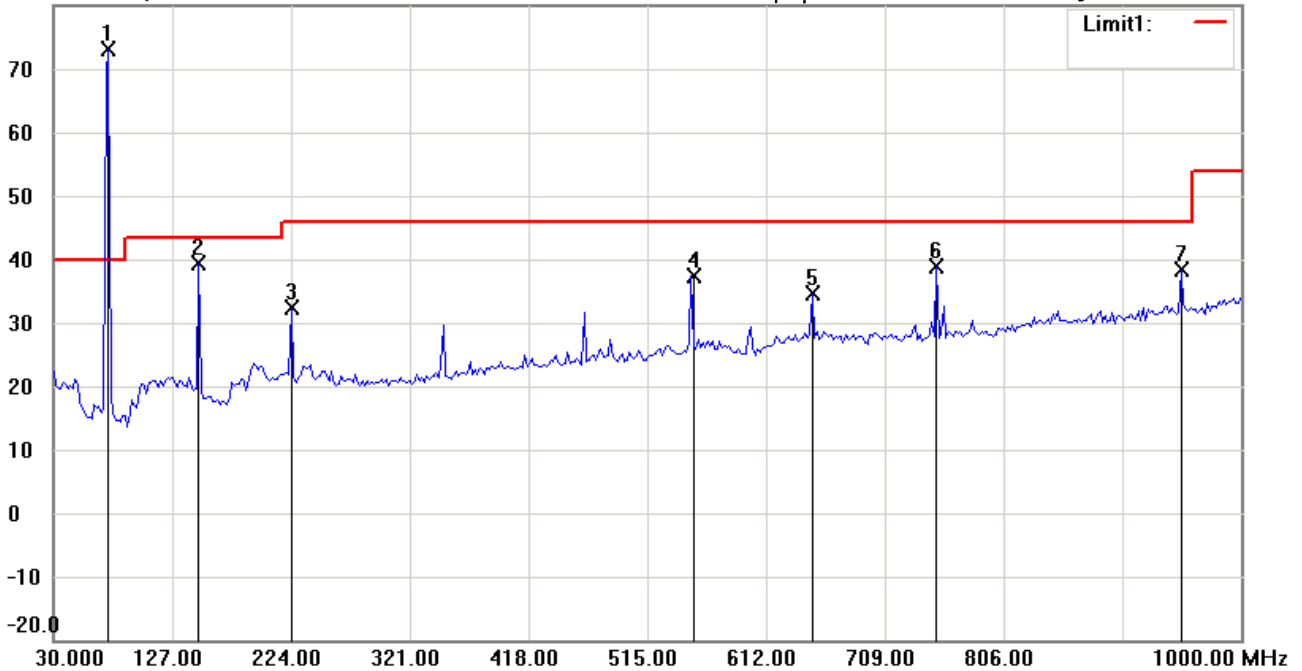
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:33:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.775MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.97	peak	-12.91	73.06	40.00			33.06	TX
	148.5772	46.79	peak	-7.51	39.28	43.50	150	230	-4.22	
	224.3888	41.51	peak	-9.06	32.45	46.00	150	220	-13.55	
	550.9620	38.60	peak	-1.12	37.48	46.00	150	250	-8.52	
	650.1002	33.52	peak	1.09	34.61	46.00	150	265	-11.39	
	751.1824	37.97	peak	0.99	38.96	46.00	150	270	-7.04	
	951.4028	32.80	peak	5.55	38.35	46.00	150	185	-7.65	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

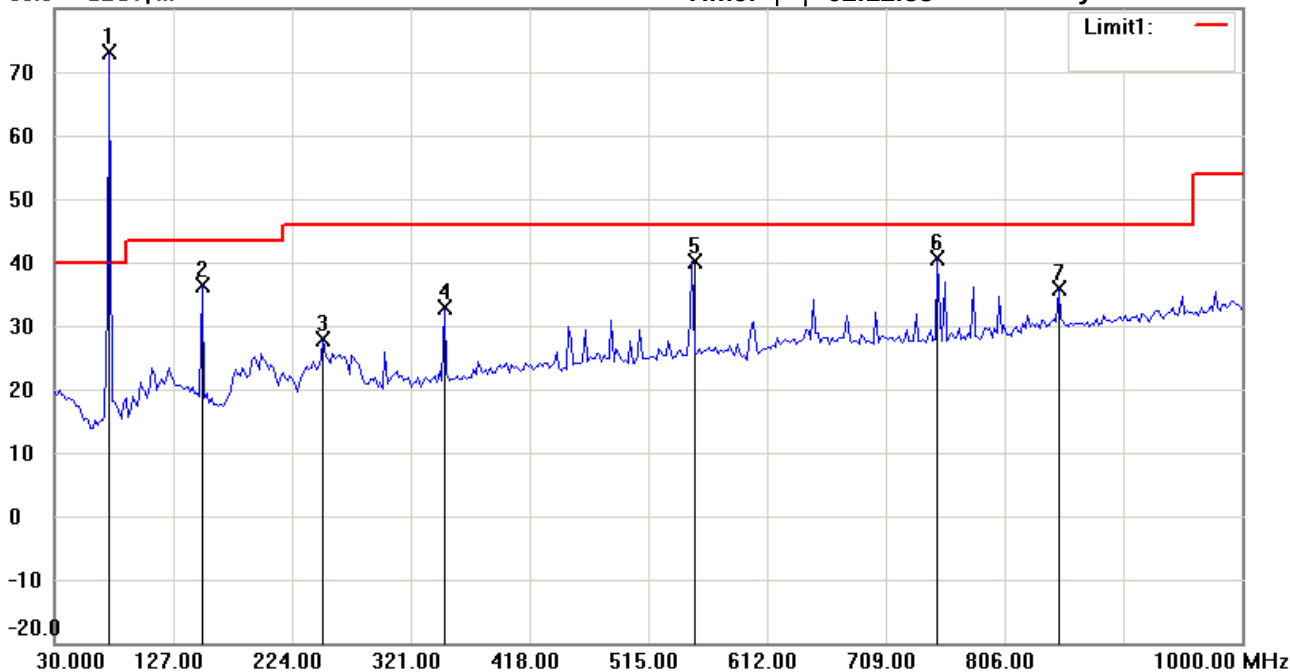
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:12:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.97	peak	-12.91	73.06	40.00			33.06	TX
	150.5210	44.20	peak	-7.70	36.50	43.50	190	275	-7.00	
	249.6593	35.43	peak	-7.57	27.86	46.00	170	240	-18.14	
	348.7976	37.58	peak	-4.59	32.99	46.00	150	260	-13.01	
	550.9620	41.34	peak	-1.12	40.22	46.00	150	195	-5.78	
	751.1824	39.61	peak	0.99	40.60	46.00	150	230	-5.40	
	850.3206	32.08	peak	3.71	35.79	46.00	150	155	-10.21	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

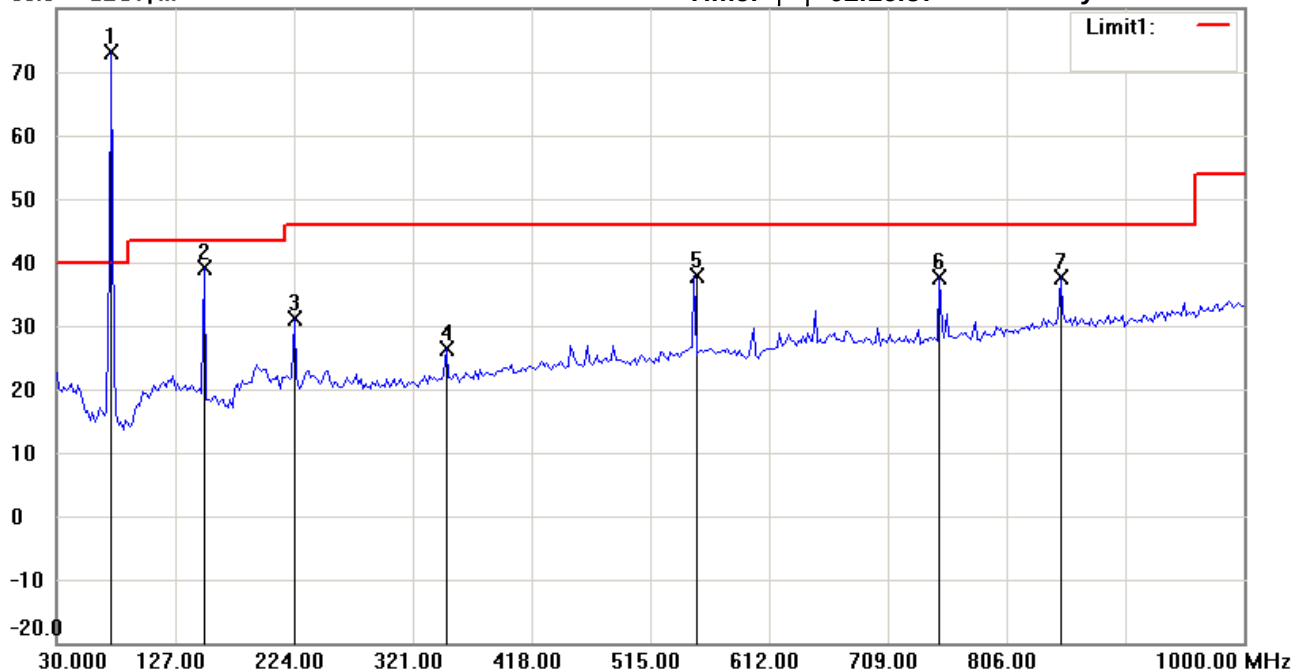
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:16:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.225MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
*	74.7094	85.98	peak	-12.91	73.07	40.00			33.07	TX
	150.5210	46.91	peak	-7.70	39.21	43.50	150	185	-4.29	
	224.3888	40.09	peak	-9.06	31.03	46.00	150	220	-14.97	
	348.7976	30.92	peak	-4.59	26.33	46.00	150	130	-19.67	
	550.9620	38.90	peak	-1.12	37.78	46.00	150	265	-8.22	
	751.1824	36.73	peak	0.99	37.72	46.00	150	290	-8.28	
	850.3206	34.00	peak	3.71	37.71	46.00	150	340	-8.29	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

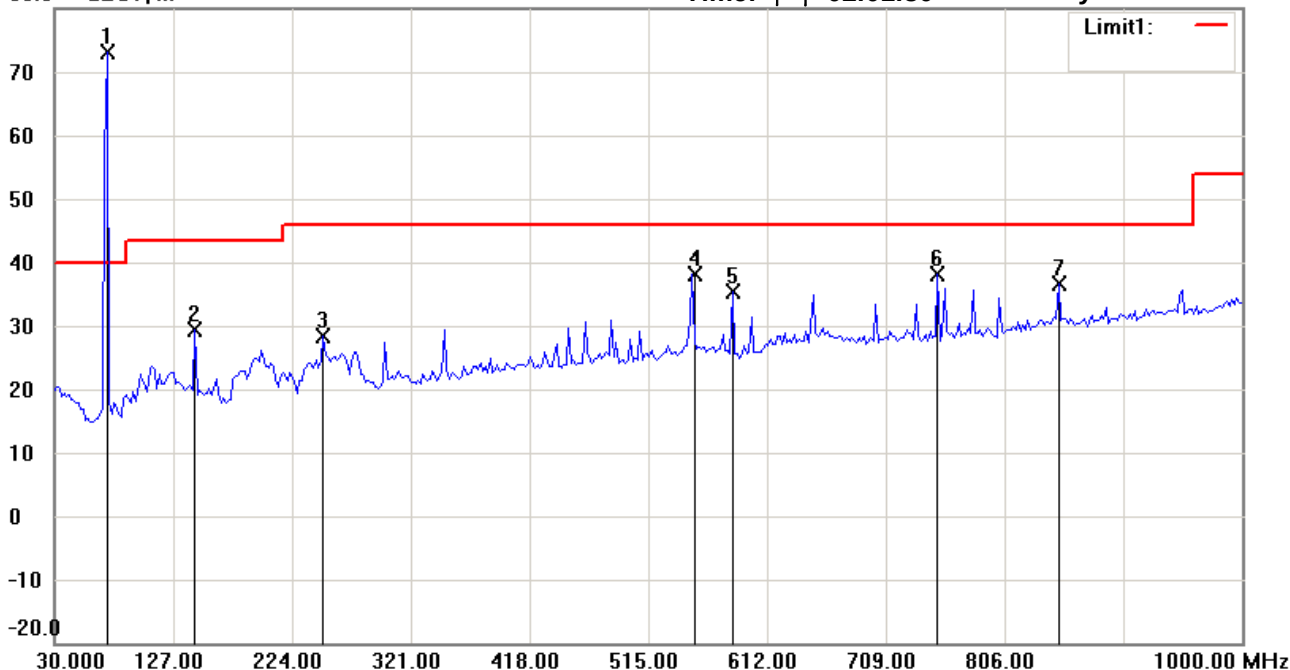
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:01:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	144.6894	36.55	peak	-7.15	29.40	43.50	190	255	-14.10	
	249.6593	36.07	peak	-7.57	28.50	46.00	170	245	-17.50	
	550.9620	39.37	peak	-1.12	38.25	46.00	150	160	-7.75	
	584.0080	36.54	peak	-1.26	35.28	46.00	150	230	-10.72	
	751.1824	37.10	peak	0.99	38.09	46.00	150	290	-7.91	
	850.3206	32.80	peak	3.71	36.51	46.00	150	210	-9.49	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

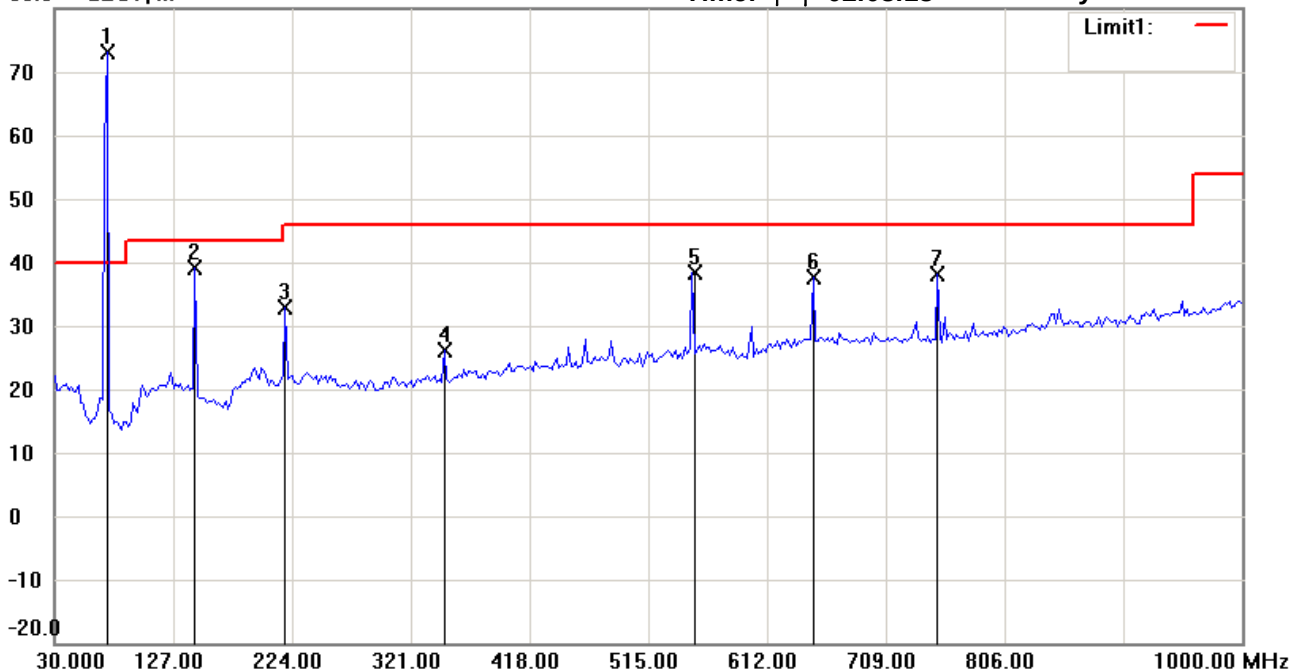
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 02:08:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.975MHz

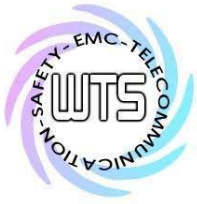
Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	144.6894	46.36	peak	-7.15	39.21	43.50	150	175	-4.29	
	218.5571	42.54	peak	-9.63	32.91	46.00	150	260	-13.09	
	348.7976	30.63	peak	-4.59	26.04	46.00	150	235	-19.96	
	550.9620	39.42	peak	-1.12	38.30	46.00	150	190	-7.70	
	650.1002	36.46	peak	1.09	37.55	46.00	150	245	-8.45	
	751.1824	37.03	peak	0.99	38.02	46.00	150	220	-7.98	



Worldwide Testing Services(Taiwan) Co., Ltd.

Helical Antenna (Wide Band)



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

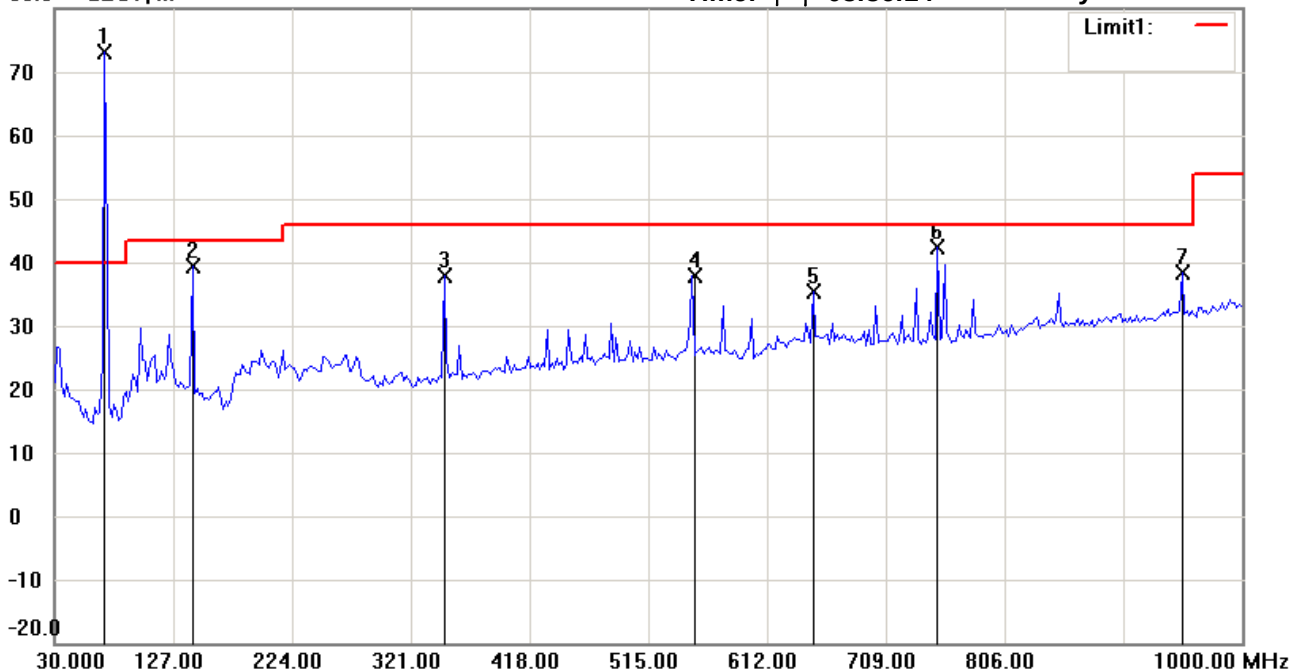
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:36:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance:

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
*	70.8215	85.98	peak	-12.79	73.19	40.00			33.19	TX
	142.7455	46.42	peak	-6.97	39.45	43.50	210	240	-4.05	
	348.7976	42.52	peak	-4.59	37.93	46.00	160	275	-8.07	
	550.9620	39.02	peak	-1.12	37.90	46.00	150	290	-8.10	
	650.1002	34.20	peak	1.09	35.29	46.00	150	310	-10.71	
	751.1824	41.33	peak	0.99	42.32	46.00	150	265	-3.68	
	951.4028	32.72	peak	5.55	38.27	46.00	150	220	-7.73	



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

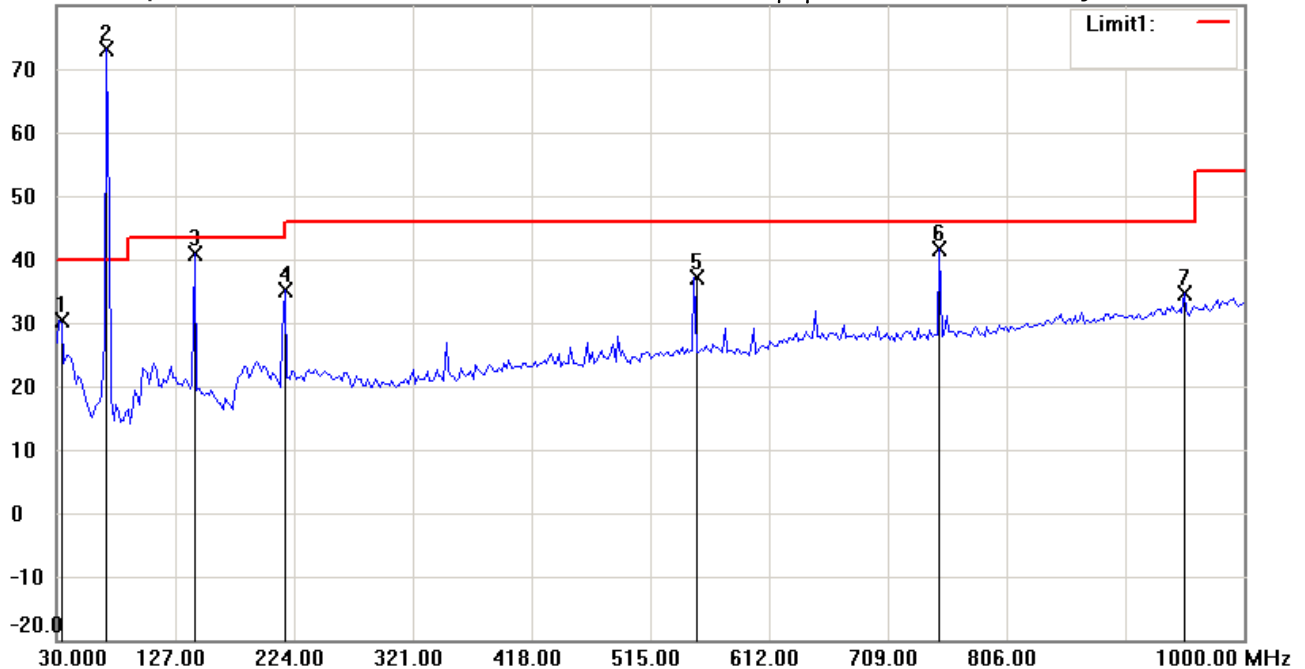
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:40:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.1MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance:

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
	31.9440	37.75	peak	-7.31	30.44	40.00	150	10	-9.56	
*	70.8215	85.98	peak	-12.79	73.19	40.00			33.19	TX
	142.7455	47.84	peak	-6.97	40.87	43.50	150	260	-2.63	
	216.6132	44.72	peak	-9.68	35.04	46.00	150	255	-10.96	
	550.9620	38.35	peak	-1.12	37.23	46.00	150	230	-8.77	
	751.1824	40.60	peak	0.99	41.59	46.00	150	240	-4.41	
	951.4028	29.01	peak	5.55	34.56	46.00	150	295	-11.44	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

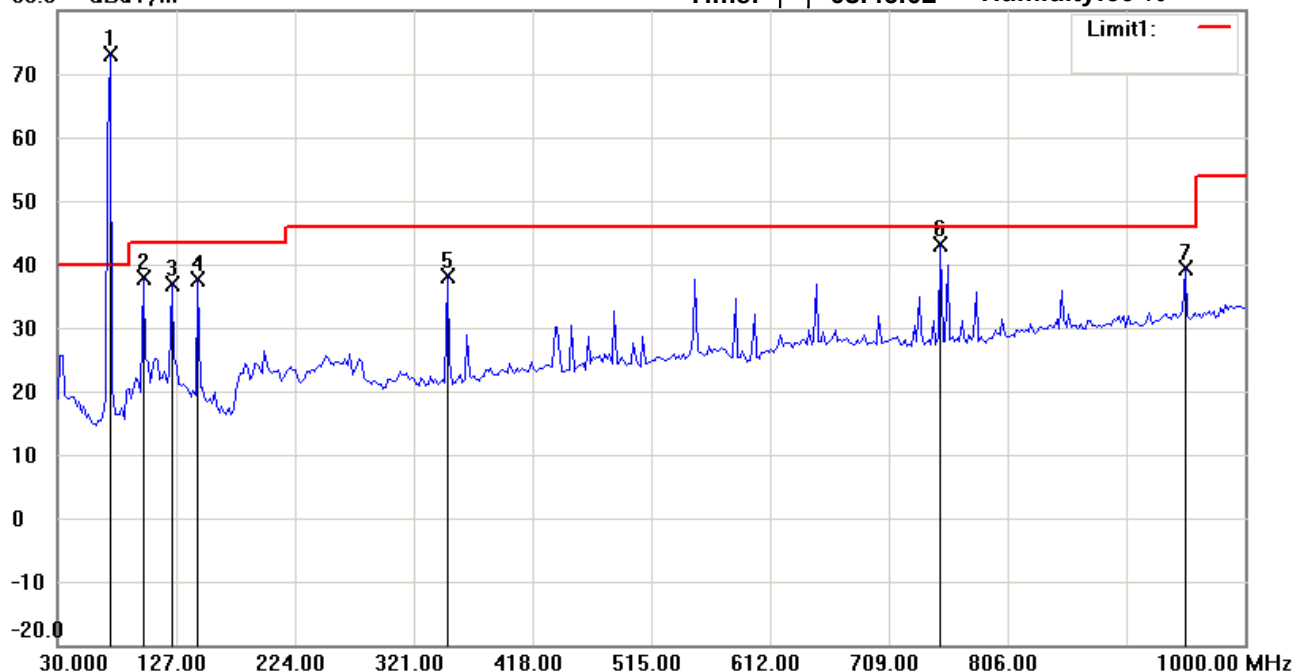
Date: 2016/11/3

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 03:46:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.99	peak	-12.85	73.14	40.00			33.14	TX
	99.9800	47.45	peak	-9.49	37.96	43.50	200	250	-5.54	
	123.3066	43.02	peak	-6.24	36.78	43.50	160	265	-6.72	
	144.6894	44.70	peak	-7.15	37.55	43.50	150	230	-5.95	
	348.7976	42.74	peak	-4.59	38.15	46.00	150	190	-7.85	
	751.1824	42.05	peak	0.99	43.04	46.00	150	175	-2.96	
	951.4028	33.90	peak	5.55	39.45	46.00	150	220	-6.55	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

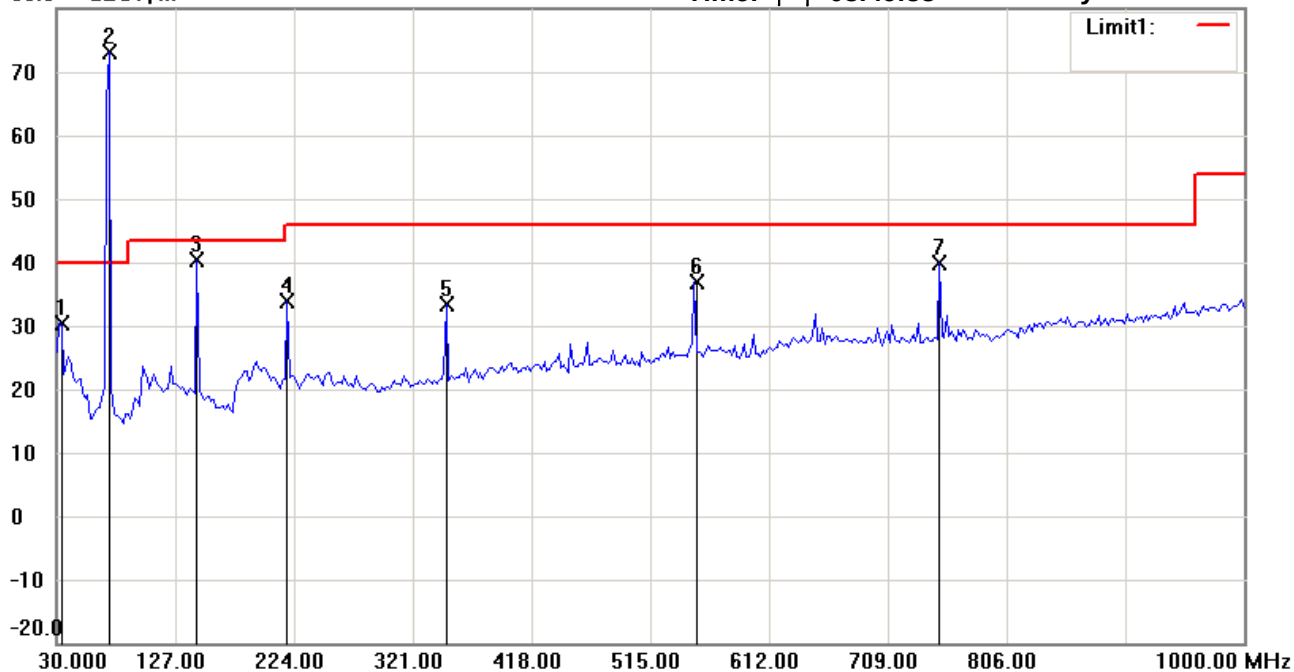
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:49:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 72.9MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance:

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
	31.9440	37.62	peak	-7.31	30.31	40.00	150	35	-9.69	
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	144.6894	47.45	peak	-7.15	40.30	43.50	150	260	-3.20	
	218.5571	43.62	peak	-9.63	33.99	46.00	150	295	-12.01	
	348.7976	38.01	peak	-4.59	33.42	46.00	150	240	-12.58	
	550.9620	37.88	peak	-1.12	36.76	46.00	150	275	-9.24	
	751.1824	38.86	peak	0.99	39.85	46.00	150	250	-6.15	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

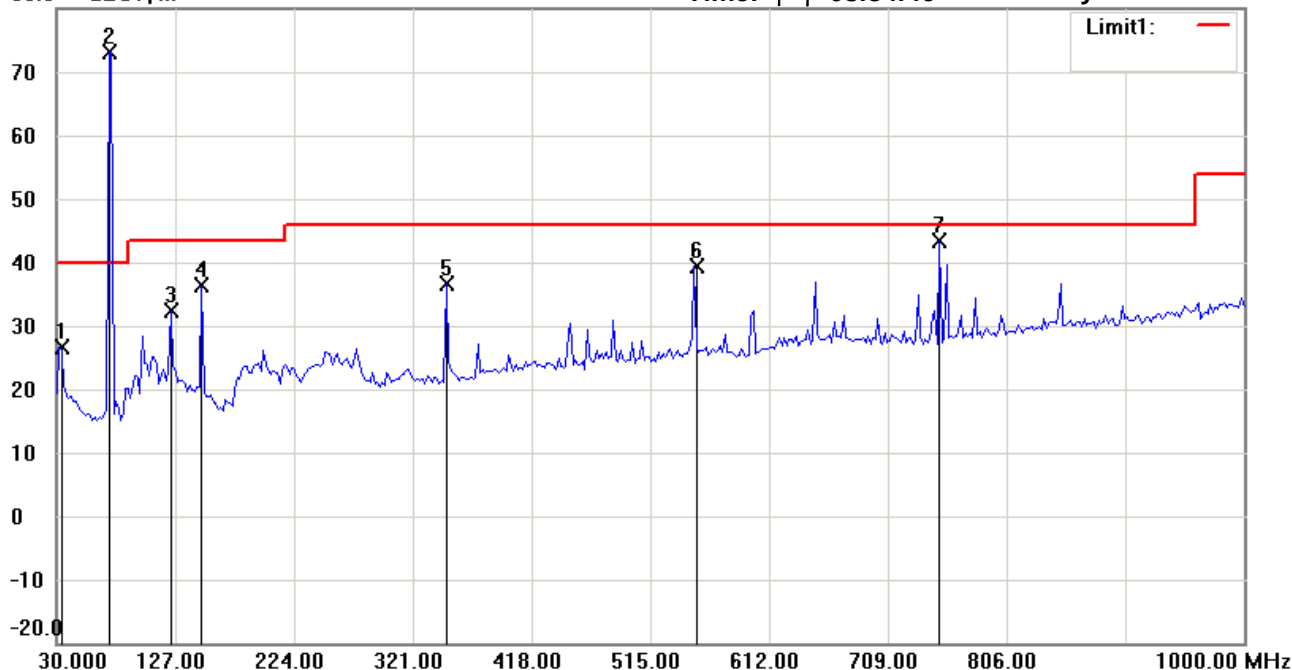
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:54:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.7MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance:

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
	31.9440	33.86	peak	-7.31	26.55	40.00	210	30	-13.45	
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	123.3066	38.72	peak	-6.24	32.48	43.50	165	260	-11.02	
	148.5772	43.79	peak	-7.51	36.28	43.50	150	255	-7.22	
	348.7976	41.32	peak	-4.59	36.73	46.00	150	190	-9.27	
	550.9620	40.38	peak	-1.12	39.26	46.00	150	240	-6.74	
	751.1824	42.42	peak	0.99	43.41	46.00	150	275	-2.59	



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Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

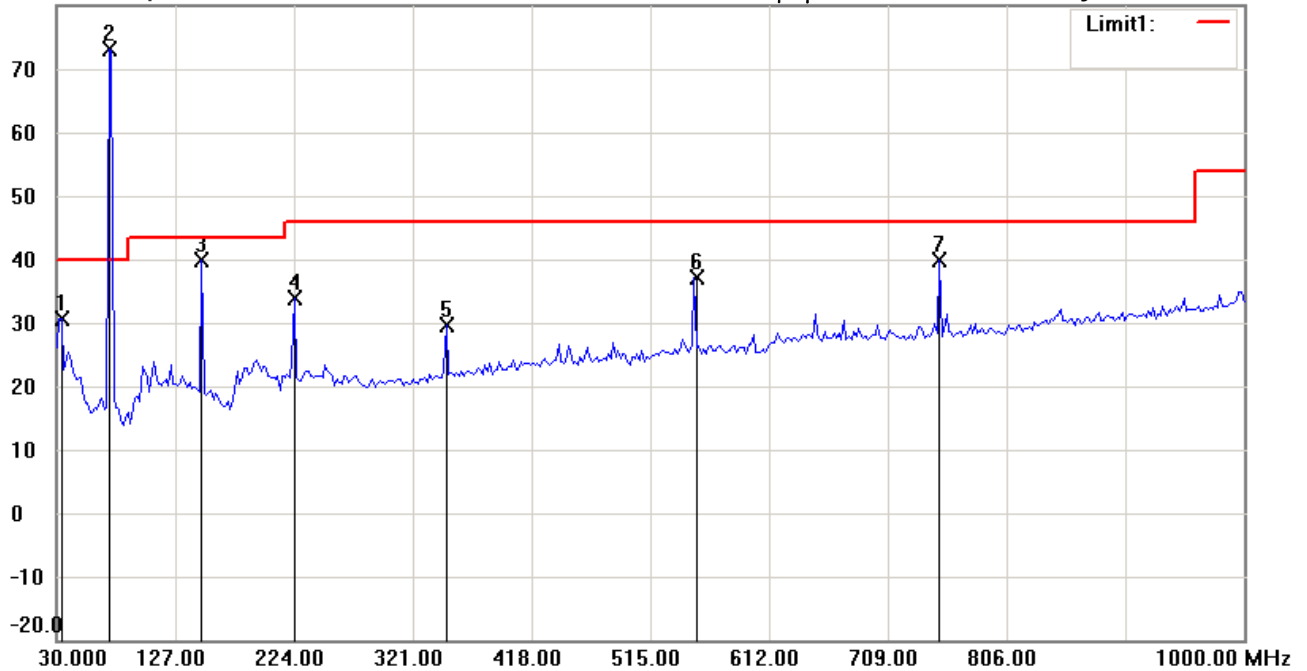
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:58:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 74.7MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
	33.8878	38.15	peak	-7.41	30.74	40.00	150	5	-9.26	
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	148.5772	47.29	peak	-7.51	39.78	43.50	150	230	-3.72	
	224.3888	43.06	peak	-9.06	34.00	46.00	150	265	-12.00	
	348.7976	34.29	peak	-4.59	29.70	46.00	150	190	-16.30	
	550.9620	38.16	peak	-1.12	37.04	46.00	150	220	-8.96	
	751.1824	38.82	peak	0.99	39.81	46.00	150	245	-6.19	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

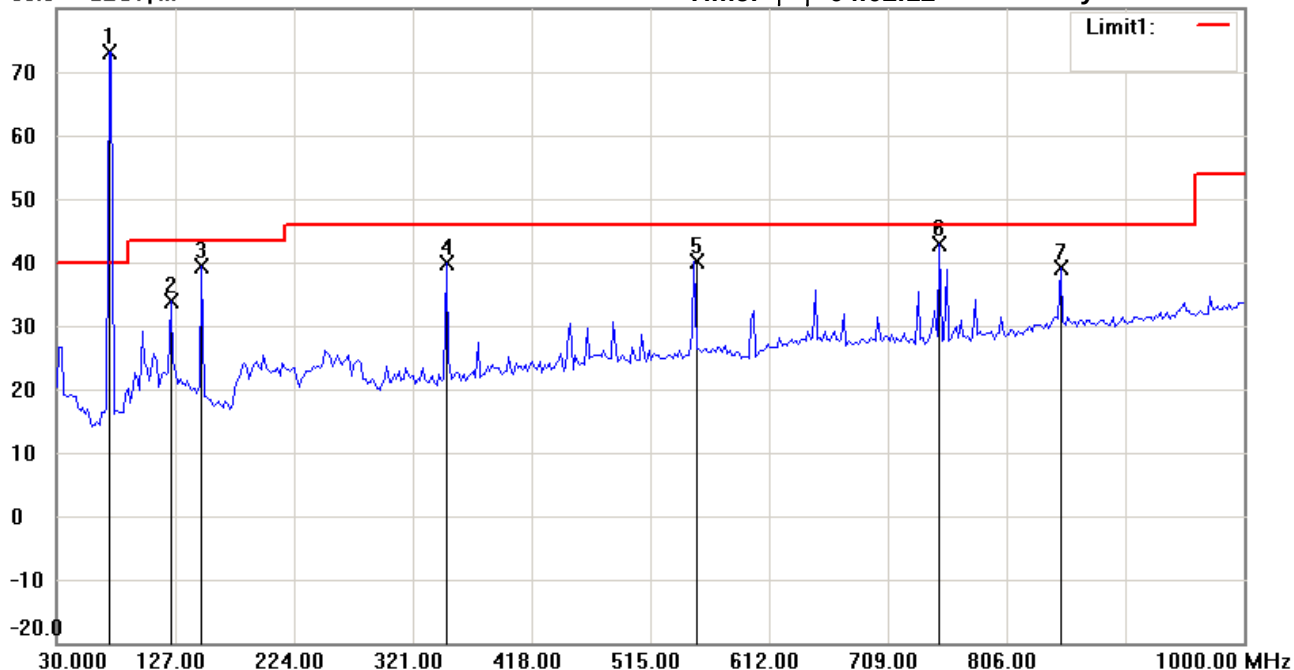
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:02:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance:

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
*	72.7655	85.98	peak	-12.85	73.13	40.00			33.13	TX
	123.3066	40.20	peak	-6.24	33.96	43.50	210	275	-9.54	
	148.5772	47.01	peak	-7.51	39.50	43.50	175	280	-4.00	
	348.7976	44.44	peak	-4.59	39.85	46.00	150	260	-6.15	
	550.9620	41.16	peak	-1.12	40.04	46.00	150	230	-5.96	
	751.1824	41.90	peak	0.99	42.89	46.00	150	245	-3.11	
	850.3206	35.49	peak	3.71	39.20	46.00	150	310	-6.80	



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

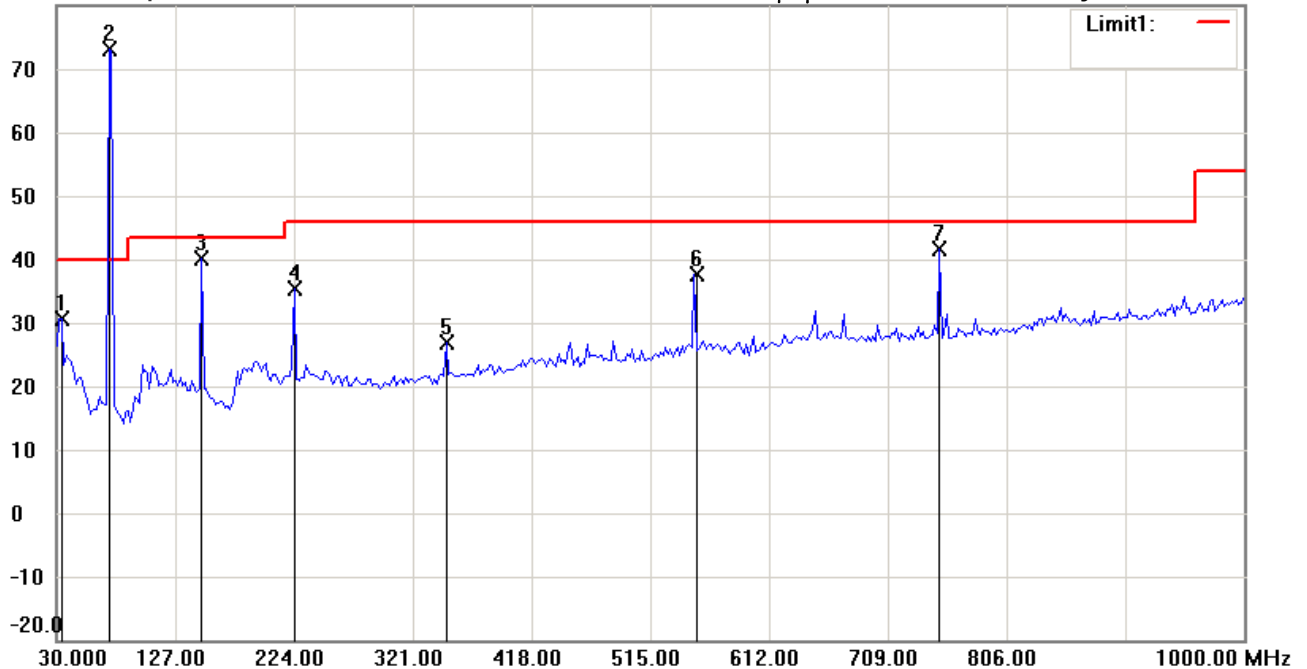
Date: 2016/11/3

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 04:05:55

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.3MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
	31.9440	38.02	peak	-7.31	30.71	40.00	150	10	-9.29	
*	72.7655	85.97	peak	-12.85	73.12	40.00			33.12	TX
	148.5772	47.70	peak	-7.51	40.19	43.50	150	275	-3.31	
	224.3888	44.41	peak	-9.06	35.35	46.00	150	250	-10.65	
	348.7976	31.50	peak	-4.59	26.91	46.00	150	160	-19.09	
	550.9620	38.74	peak	-1.12	37.62	46.00	150	230	-8.38	
	751.1824	40.58	peak	0.99	41.57	46.00	150	240	-4.43	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

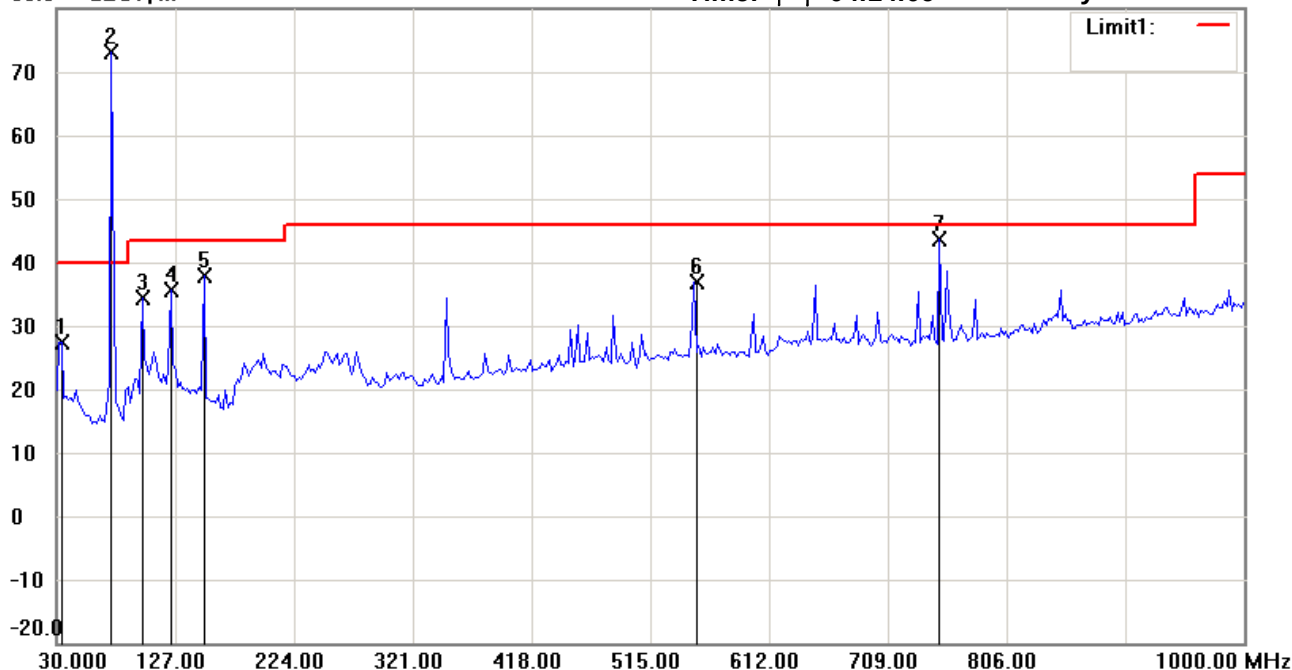
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:14:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance:

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
	31.9440	34.80	peak	-7.31	27.49	40.00	210	20	-12.51	
*	74.7094	85.99	peak	-12.91	73.08	40.00			33.08	TX
	99.9800	43.88	peak	-9.49	34.39	43.50	160	235	-9.11	
	123.3066	41.99	peak	-6.24	35.75	43.50	150	190	-7.75	
	150.5210	45.59	peak	-7.70	37.89	43.50	150	245	-5.61	
	550.9620	38.01	peak	-1.12	36.89	46.00	150	170	-9.11	
	751.1824	42.58	peak	0.99	43.57	46.00	150	165	-2.43	



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

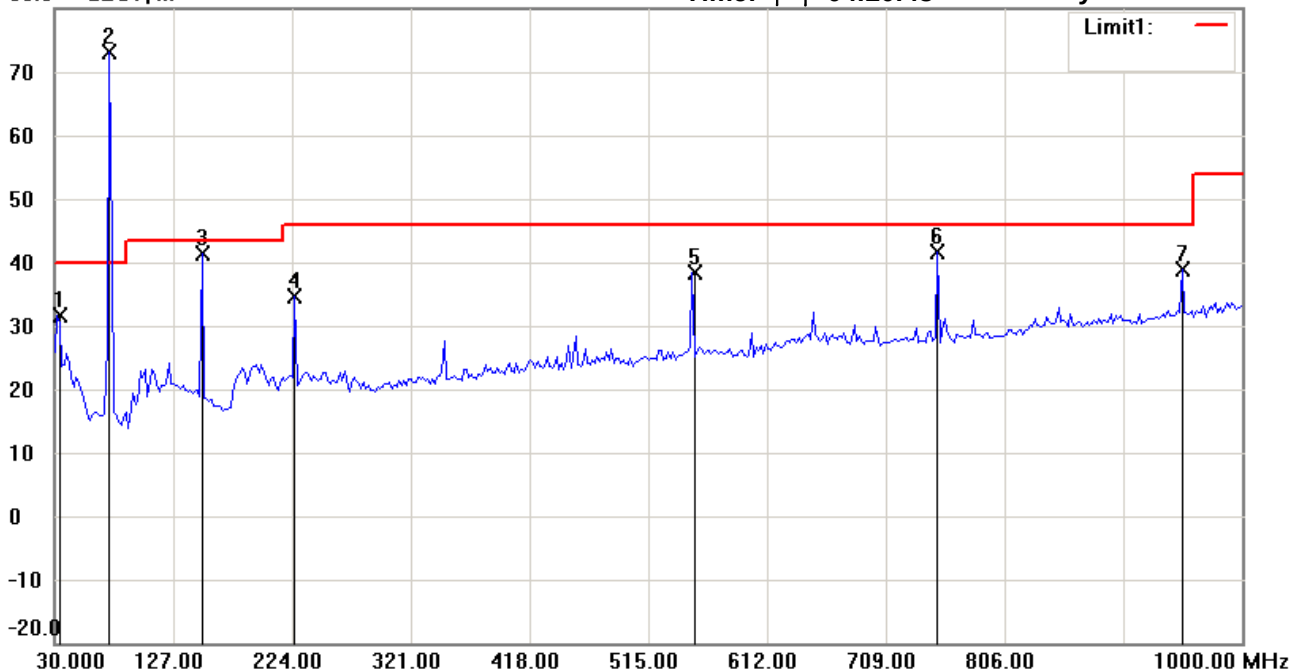
Date: 2016/11/3

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:20:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15.209 RE_30-1000MHz

EUT : W6M21610-16289

M/N:

Test Mode : TX 75.9MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance:

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
	31.9440	38.83	peak	-7.31	31.52	40.00	150	20	-8.48	
*	74.7094	85.97	peak	-12.91	73.06	40.00			33.06	TX
	150.5210	48.98	peak	-7.70	41.28	43.50	150	235	-2.22	
	226.3327	43.44	peak	-8.82	34.62	46.00	150	260	-11.38	
	550.9620	39.54	peak	-1.12	38.42	46.00	150	275	-7.58	
	751.1824	40.65	peak	0.99	41.64	46.00	150	240	-4.36	
	951.4028	33.33	peak	5.55	38.88	46.00	150	250	-7.12	

*:Maximum data x:Over limit !:over margin