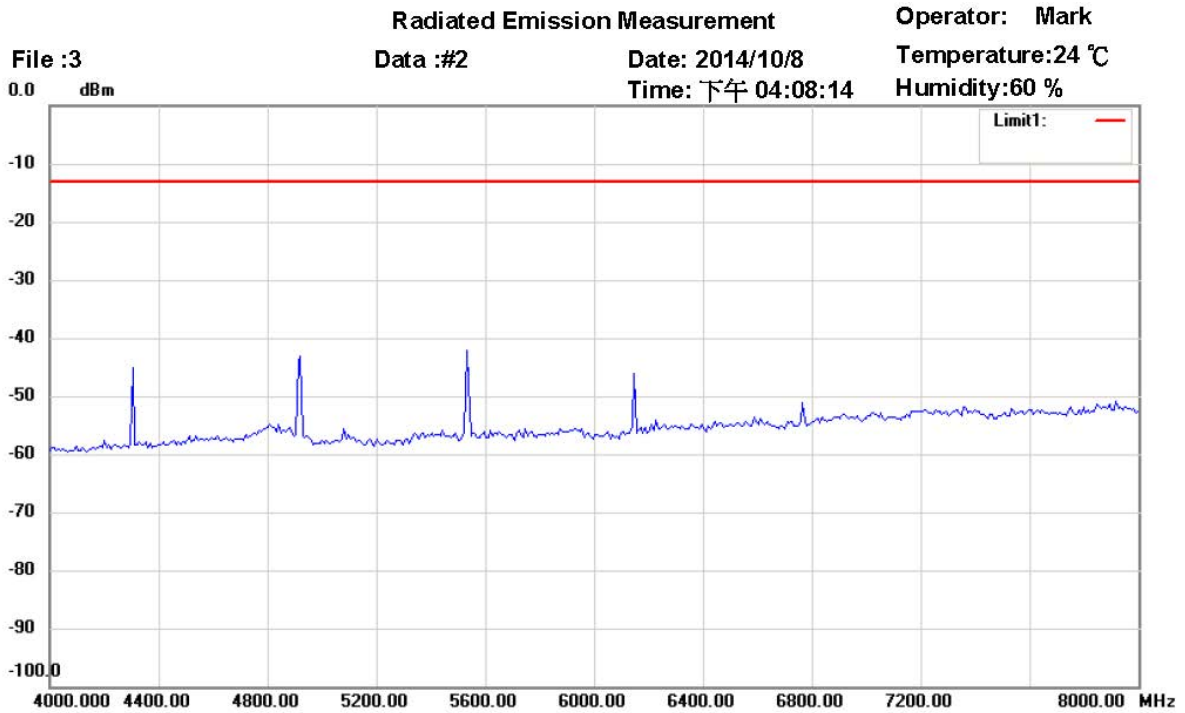


# Worldwide Testing Services(Taiwan) Co., Ltd.

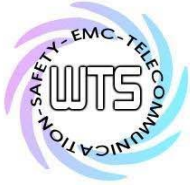
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 615.025MHz  
 Note :

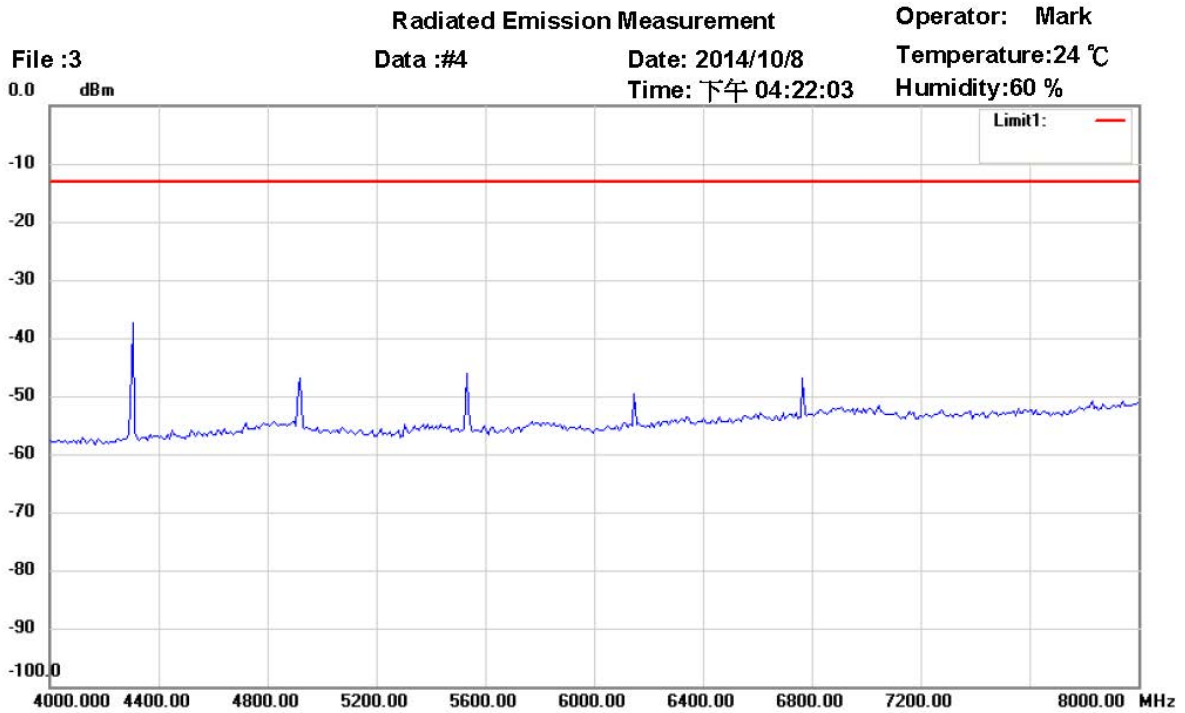
Polarization: *Horizontal*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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# Worldwide Testing Services(Taiwan) Co., Ltd.

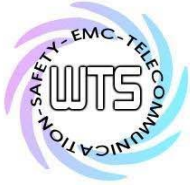
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 615.025MHz  
 Note :

Polarization: *Vertical*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :1

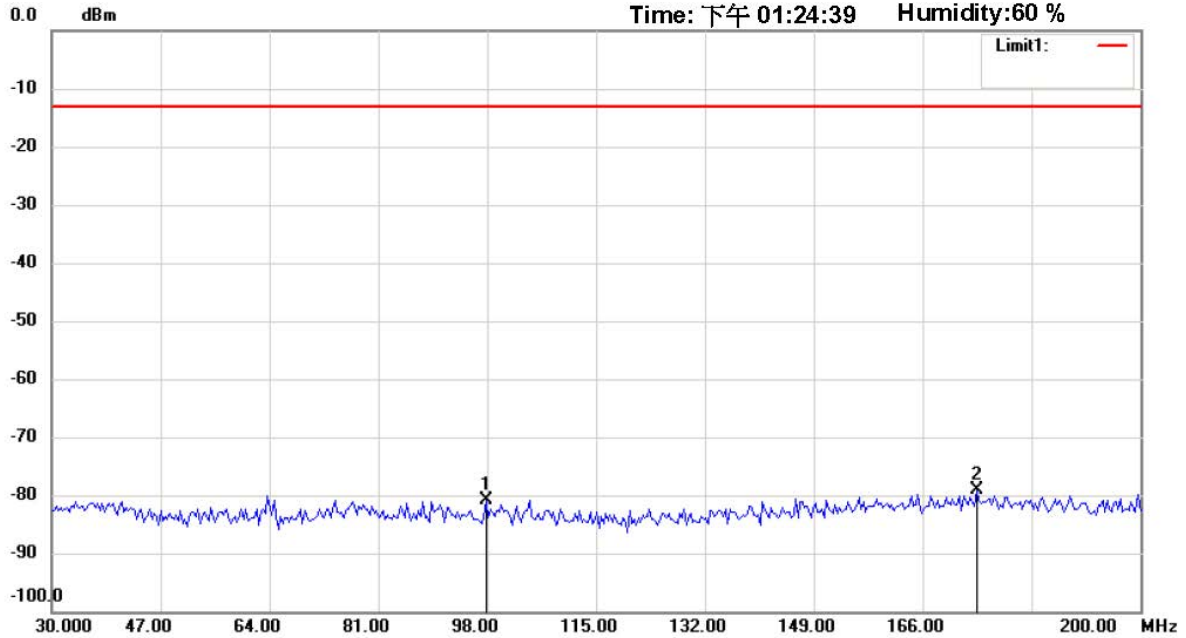
Data :#1

Date: 2014/10/7

Temperature:24 °C

Time: 下午 01:24:39

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Horizontal*

EUT : W6M21409-14515

Power : 3V d.c.

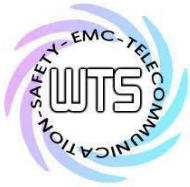
M/N: UF-16

Distance: 3m

Test Mode : 629.825MHz

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	97.7956	-104.07	peak	23.28	-80.79	-13.00	150	120	-67.79	
*	174.4488	-103.94	peak	24.91	-79.03	-13.00	150	150	-66.03	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :1

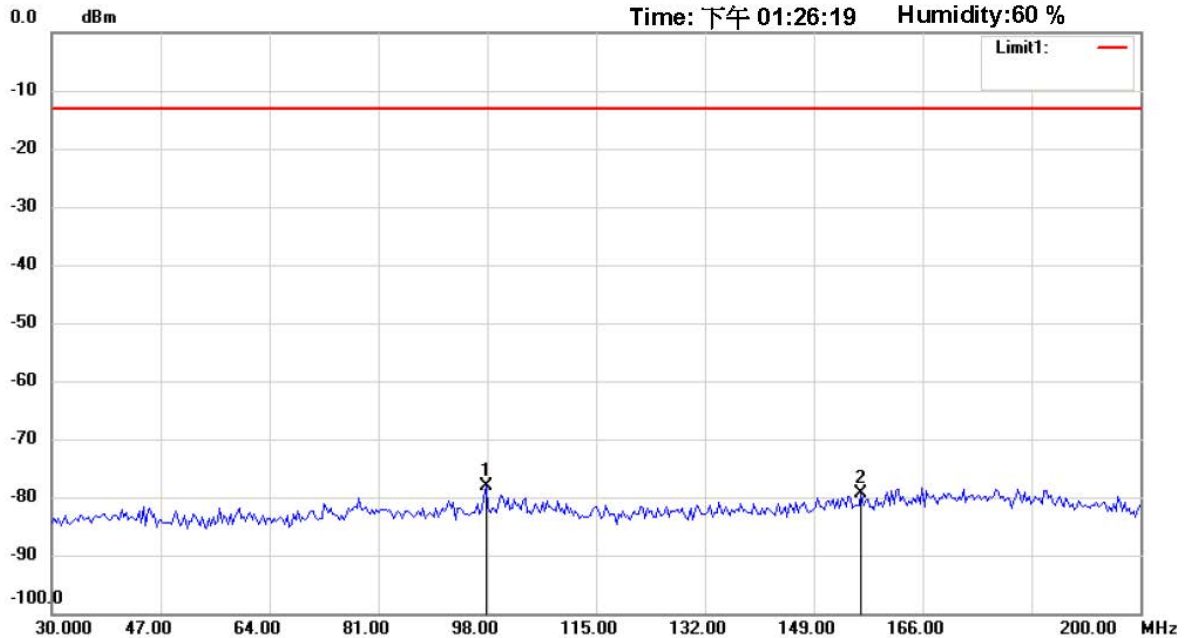
Data :#2

Date: 2014/10/7

Temperature:24 °C

Time: 下午 01:26:19

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Vertical*

EUT : W6M21409-14515

Power : 3V d.c.

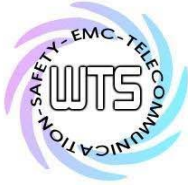
M/N: UF-16

Distance: 3m

Test Mode : 629.825MHz

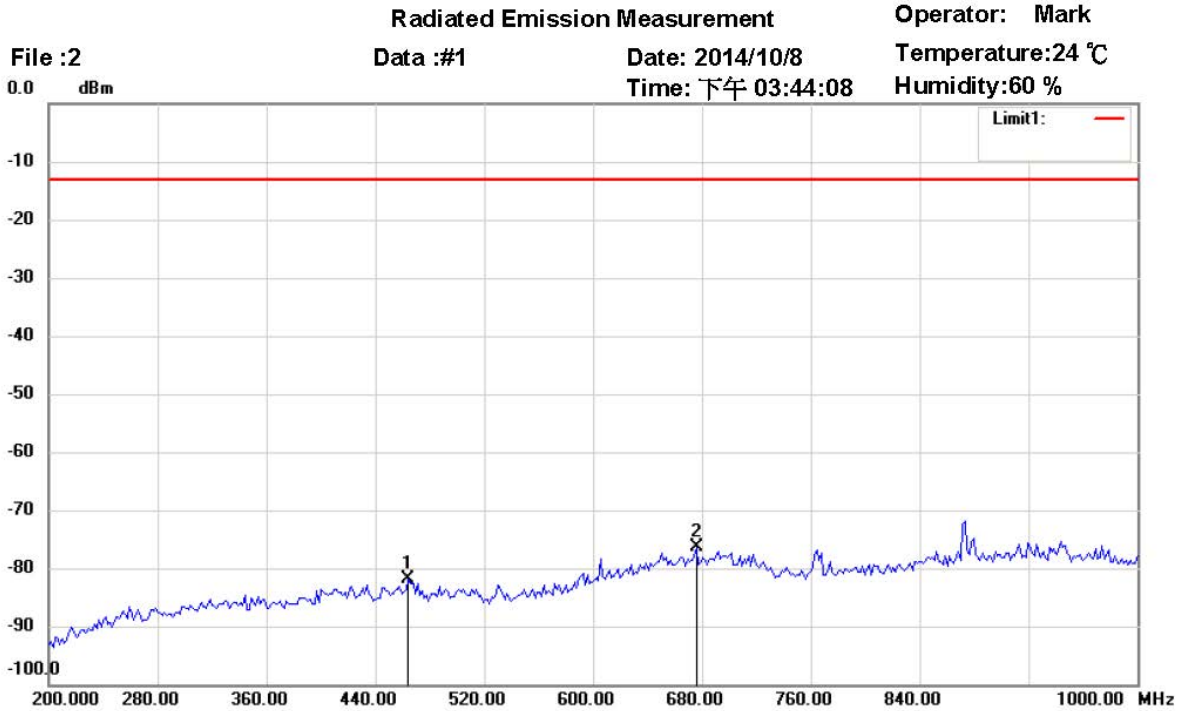
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	97.7956	-102.31	peak	24.31	-78.00	-13.00	150	100	-65.00	
	156.3928	-104.43	peak	24.95	-79.48	-13.00	150	220	-66.48	



# Worldwide Testing Services(Taiwan) Co., Ltd.

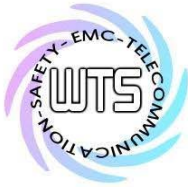
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 629.825MHz  
 Note :

Polarization: *Horizontal*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	464.5291	-75.03	peak	-6.87	-81.90	-13.00	150	140	-68.90	
*	676.1523	-76.06	peak	-0.31	-76.37	-13.00	150	210	-63.37	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :2

Data :#2

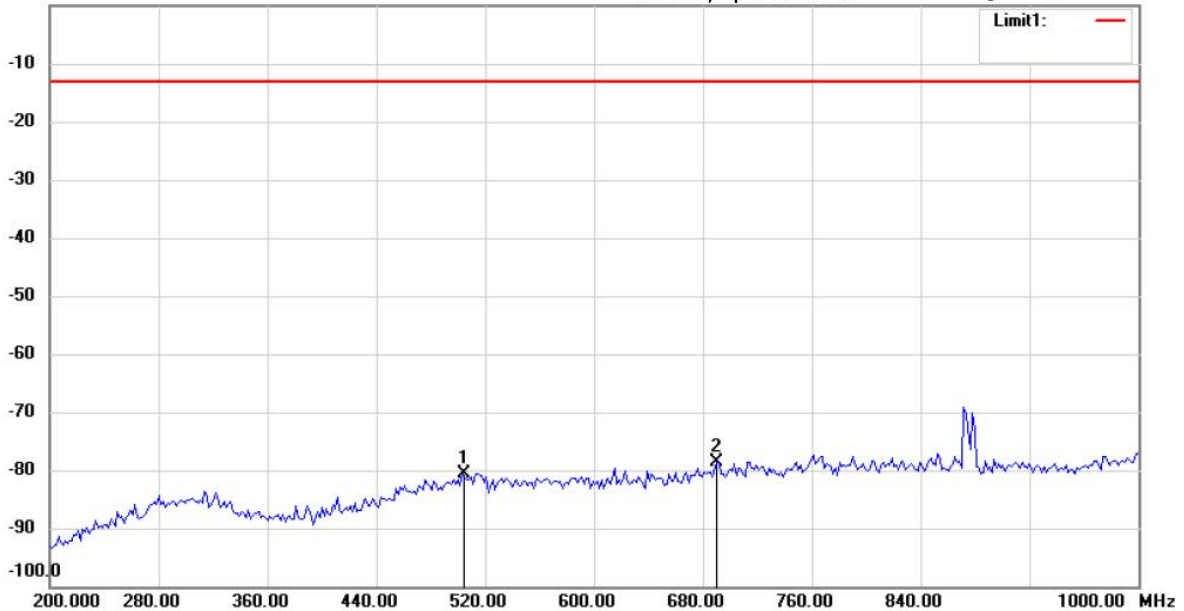
Date: 2014/10/8

Temperature:24 °C

0.0 dBm

Time: 下午 03:47:23

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Vertical*

EUT : W6M21409-14515

Power : 3V d.c.

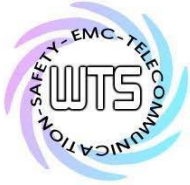
M/N: UF-16

Distance: 3m

Test Mode : 629.825MHz

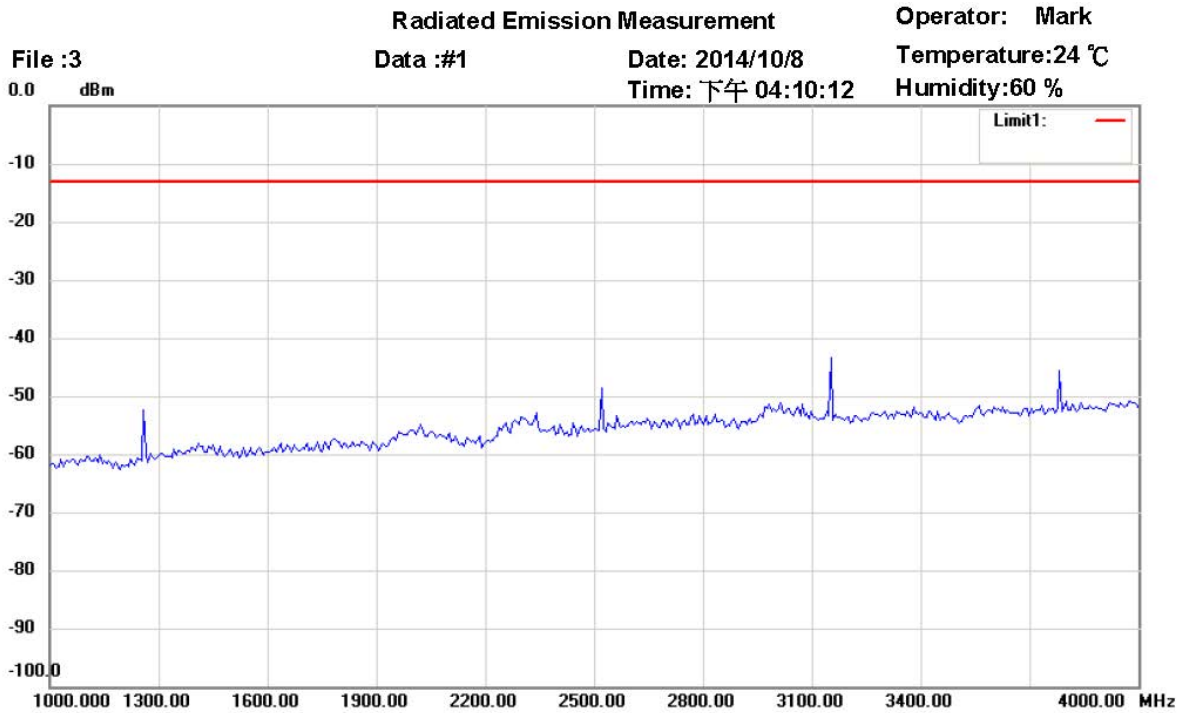
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	503.0061	-75.60	peak	-5.06	-80.66	-13.00	150	10	-67.66	
*	690.5812	-76.85	peak	-1.68	-78.53	-13.00	150	200	-65.53	



# Worldwide Testing Services(Taiwan) Co., Ltd.

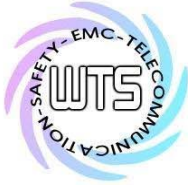
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 629.825MHz  
 Note :

Polarization: *Horizontal*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :3

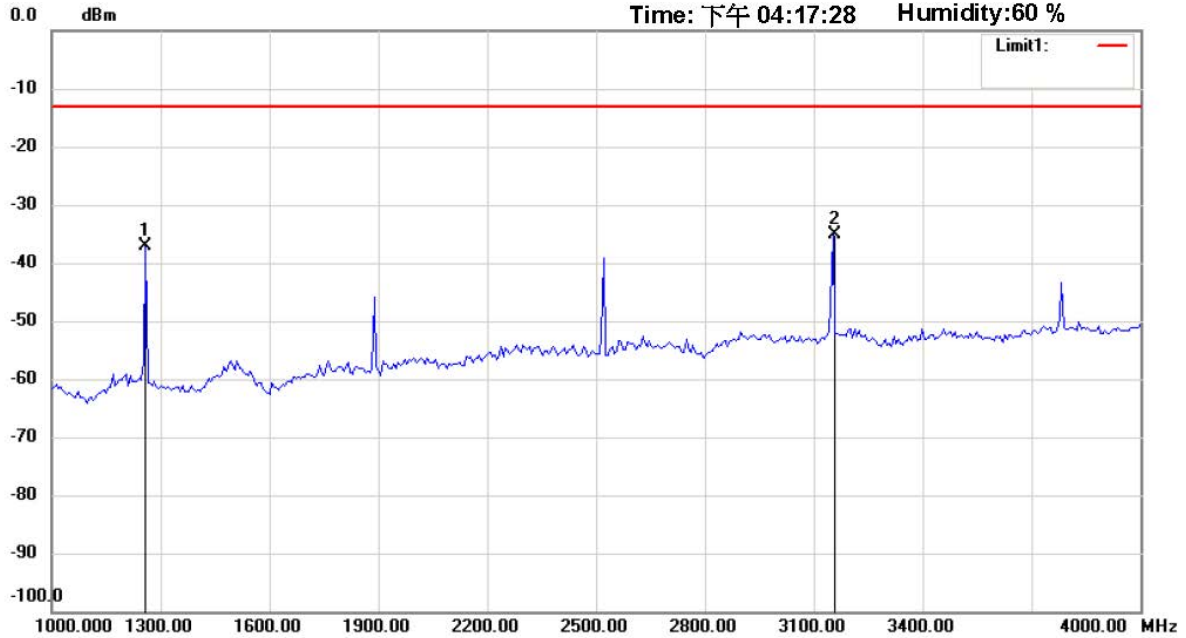
Data :#3

Date: 2014/10/8

Temperature:24 °C

Time: 下午 04:17:28

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21409-14515

M/N: UF-16

Test Mode : 629.825MHz

Note :

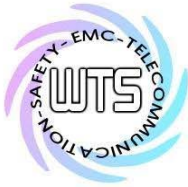
Polarization: *Vertical*

Power : 3V d.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1258.517	-38.78	peak	1.66	-37.12	-13.00	150	140	-24.12	
*	3152.305	-45.04	peak	9.81	-35.23	-13.00	150	210	-22.23	





# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :3

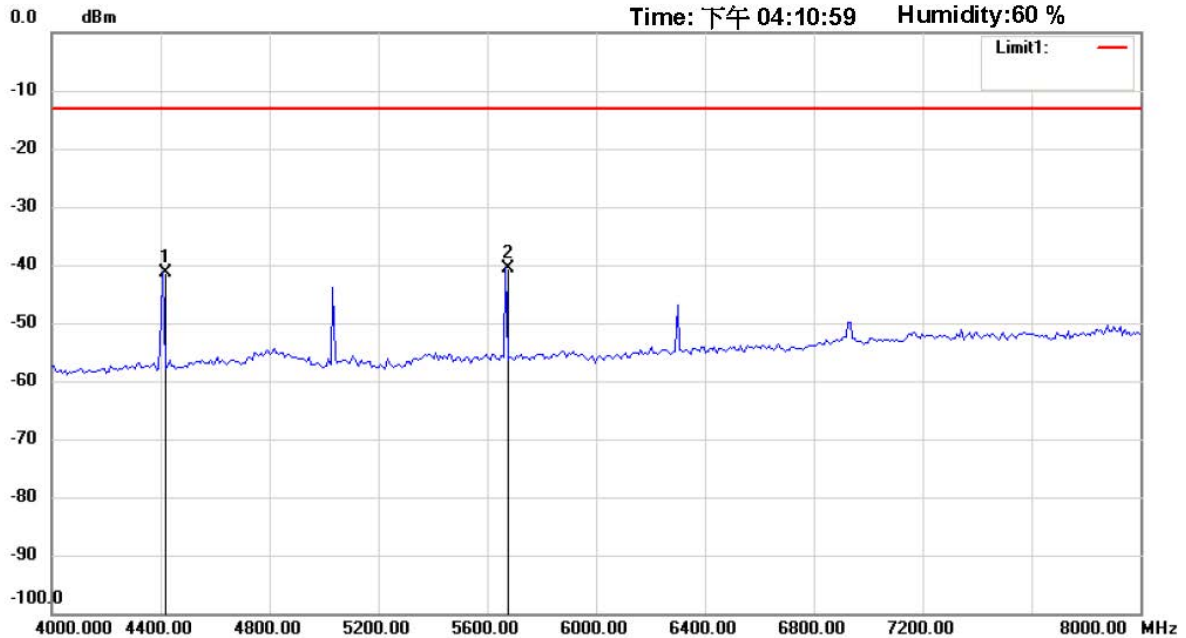
Data :#2

Date: 2014/10/8

Temperature:24 °C

Time: 下午 04:10:59

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Horizontal*

EUT : W6M21409-14515

Power : 3V d.c.

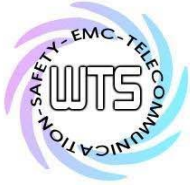
M/N: UF-16

Distance: 3m

Test Mode : 629.825MHz

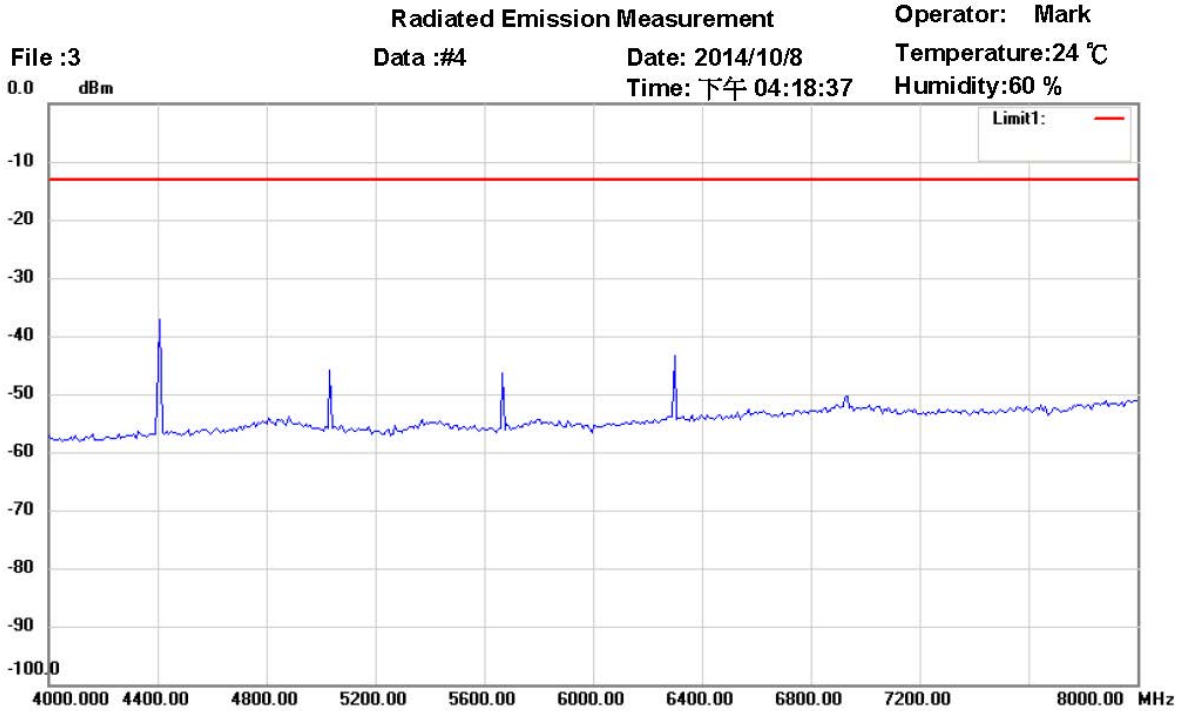
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4408.818	-50.96	peak	9.52	-41.44	-13.00	150	100	-28.44	
*	5667.335	-52.70	peak	12.12	-40.58	-13.00	150	200	-27.58	



# Worldwide Testing Services(Taiwan) Co., Ltd.

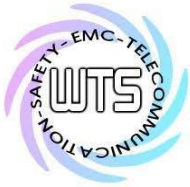
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 629.825MHz  
 Note :

Polarization: *Vertical*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :1

Data :#1

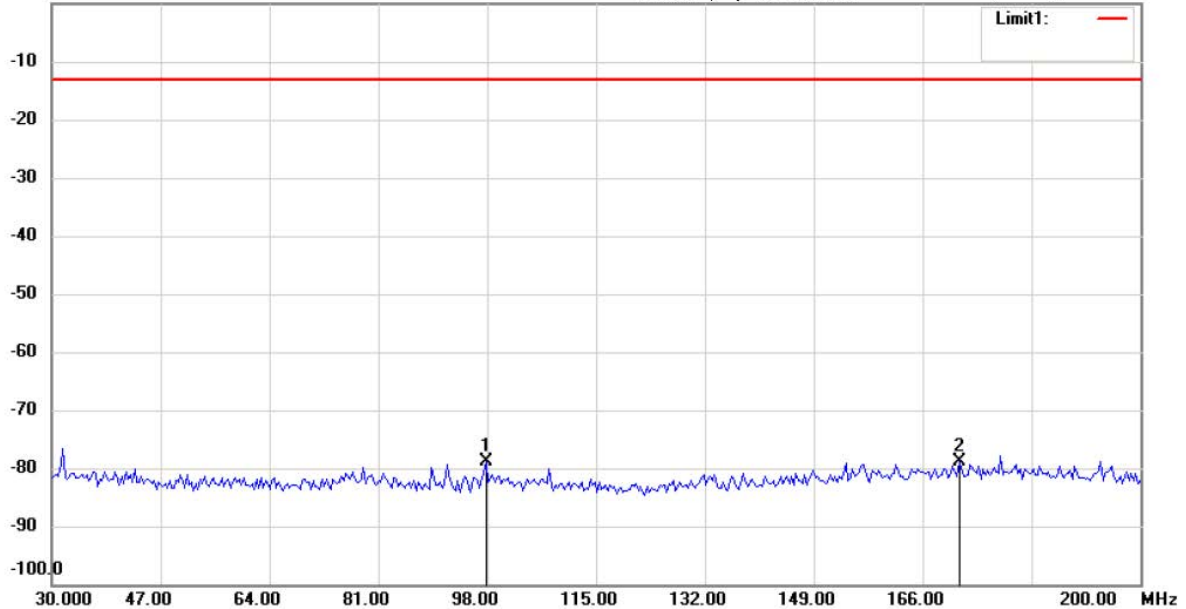
Date: 2014/10/7

Temperature:24 °C

Time: 下午 01:25:10

Humidity:60 %

0.0 dBm



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Horizontal*

EUT : W6M21409-14515

Power : 3V d.c.

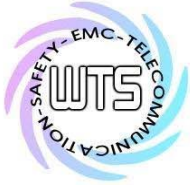
M/N: UF-16

Distance: 3m

Test Mode : 697.125MHz

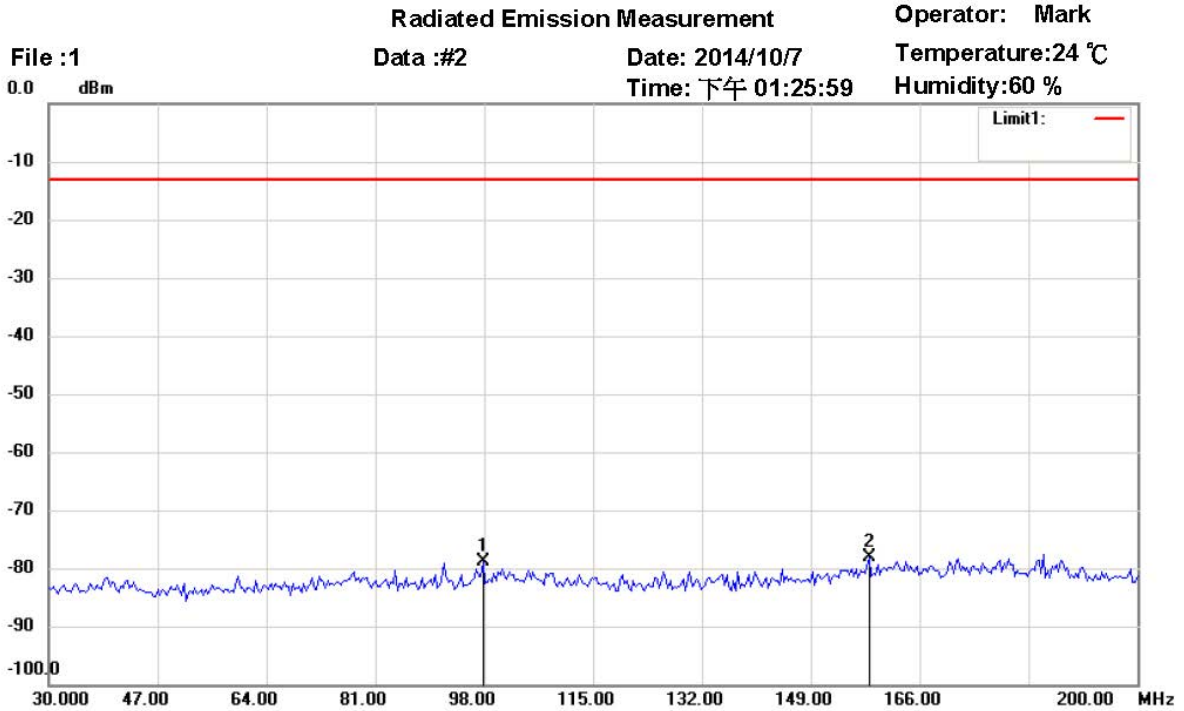
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	97.7956	-102.07	peak	23.28	-78.79	-13.00	150	100	-65.79	
	171.7234	-103.76	peak	24.85	-78.91	-13.00	150	150	-65.91	



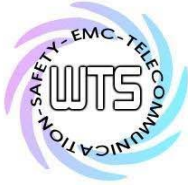
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission                      Polarization: *Vertical*  
 EUT : W6M21409-14515                      Power : 3V d.c.  
 M/N: UF-16                      Distance: 3m  
 Test Mode : 697.125MHz  
 Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	97.7956	-103.08	peak	24.31	-78.77	-13.00	150	180	-65.77	
*	158.0961	-103.20	peak	25.09	-78.11	-13.00	150	210	-65.11	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :2

Data :#1

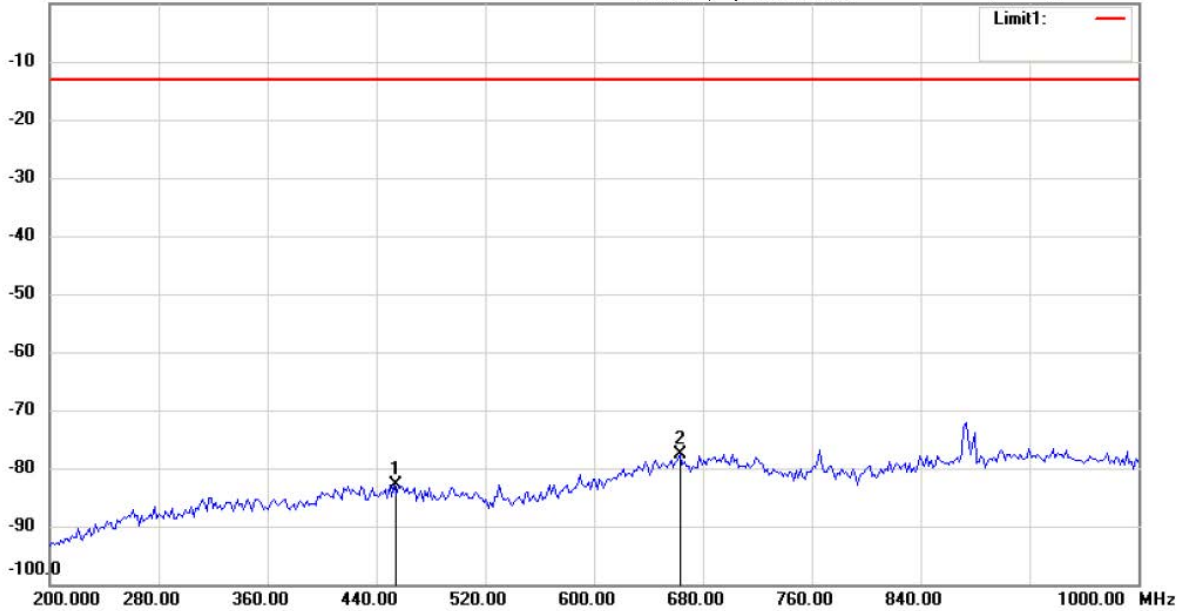
Date: 2014/10/8

Temperature:24 °C

0.0 dBm

Time: 下午 03:44:39

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Horizontal*

EUT : W6M21409-14515

Power : 3V d.c.

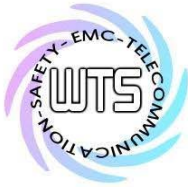
M/N: UF-16

Distance: 3m

Test Mode : 697.125MHz

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	453.3067	-75.87	peak	-7.02	-82.89	-13.00	150	210	-69.89	
*	663.3267	-77.14	peak	-0.43	-77.57	-13.00	150	10	-64.57	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

### Radiated Emission Measurement

Operator: Mark

File :2

Data :#2

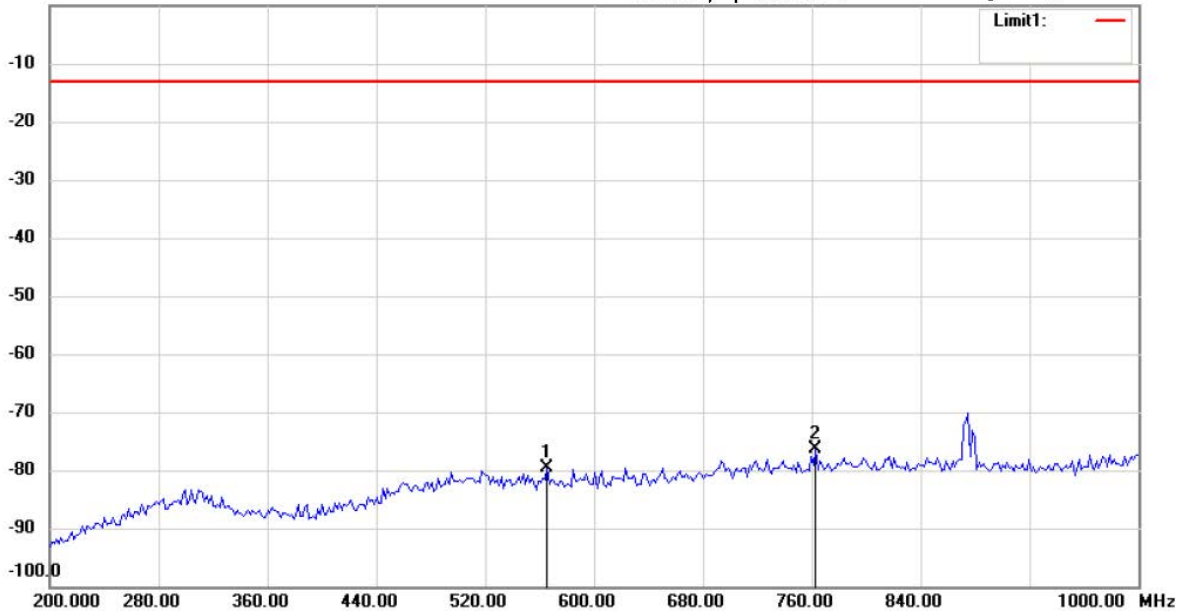
Date: 2014/10/8

Temperature:24 °C

0.0 dBm

Time: 下午 03:45:27

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Vertical*

EUT : W6M21409-14515

Power : 3V d.c.

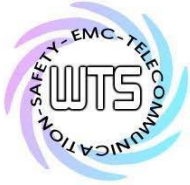
M/N: UF-16

Distance: 3m

Test Mode : 697.125MHz

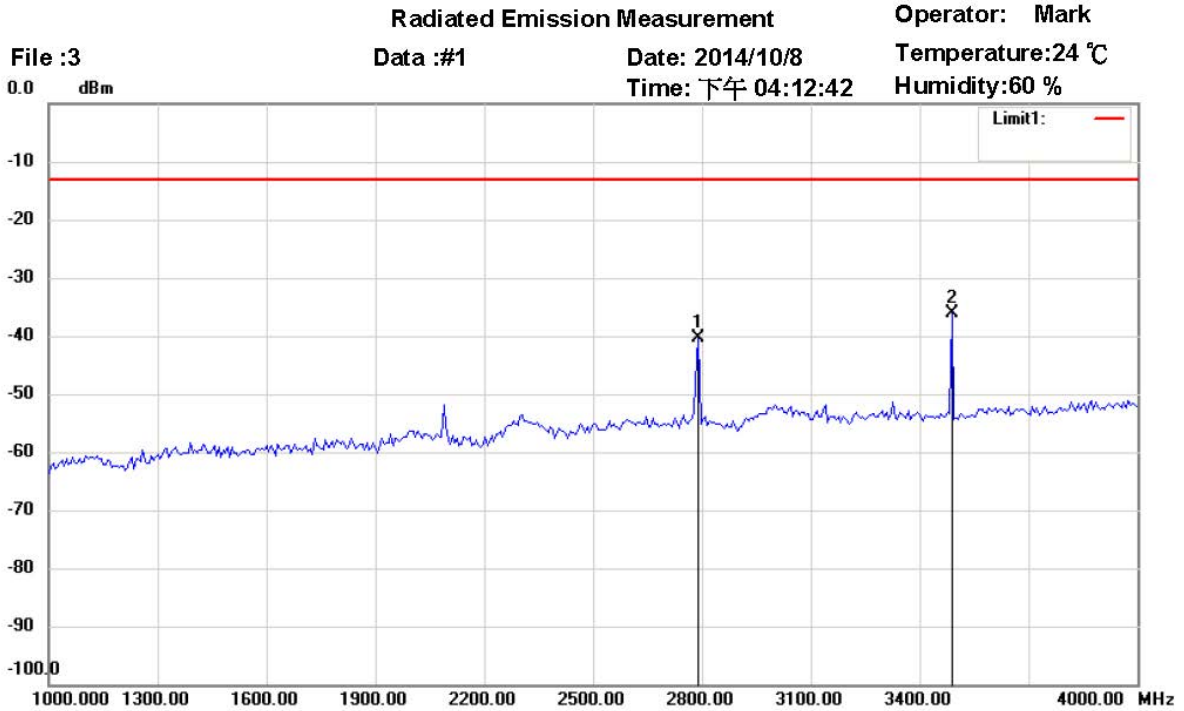
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	565.5311	-75.80	peak	-3.92	-79.72	-13.00	150	170	-66.72	
*	762.7255	-75.10	peak	-1.34	-76.44	-13.00	150	210	-63.44	



# Worldwide Testing Services(Taiwan) Co., Ltd.

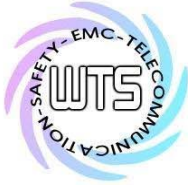
Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 697.125MHz  
 Note :

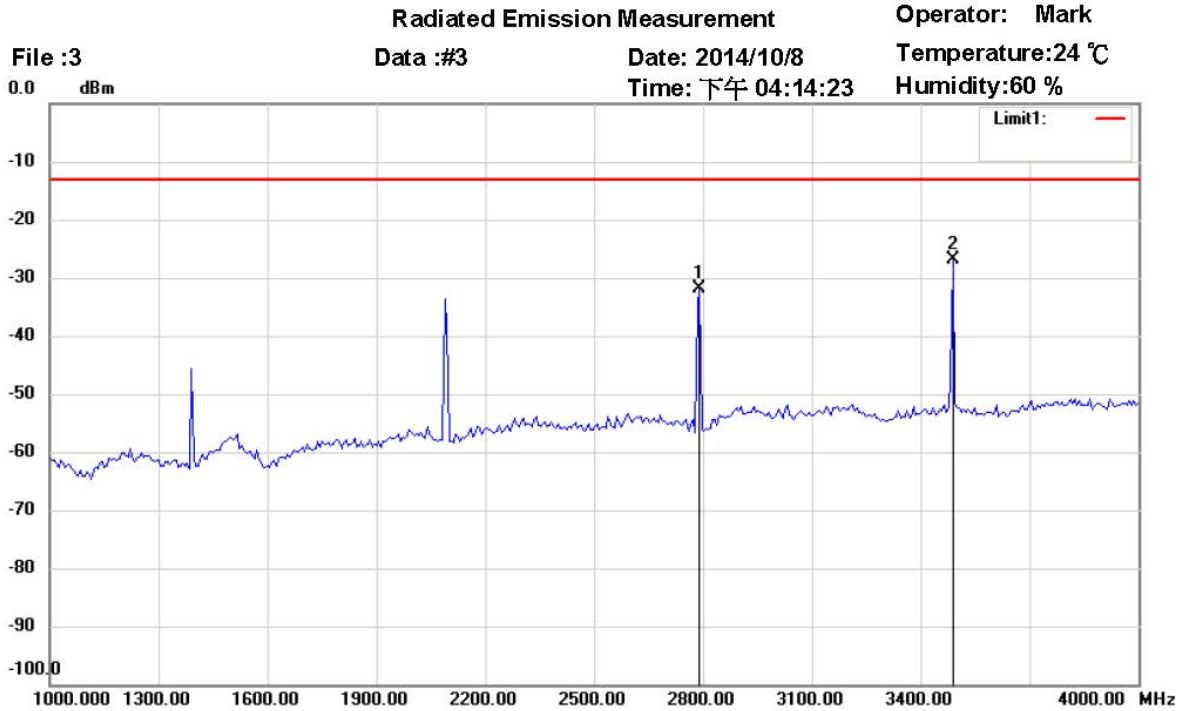
Polarization: *Horizontal*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2791.583	-48.88	peak	8.52	-40.36	-13.00	150	170	-27.36	
*	3488.978	-45.48	peak	9.32	-36.16	-13.00	150	210	-23.16	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

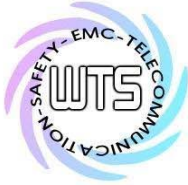


Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 697.125MHz  
 Note :

Polarization: *Vertical*  
 Power : 3V d.c.  
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2791.583	-38.55	peak	6.77	-31.78	-13.00	150	140	-18.78	
*	3488.978	-37.38	peak	10.48	-26.90	-13.00	150	210	-13.90	





# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE

**Radiated Emission Measurement**

Operator: Mark

File :3

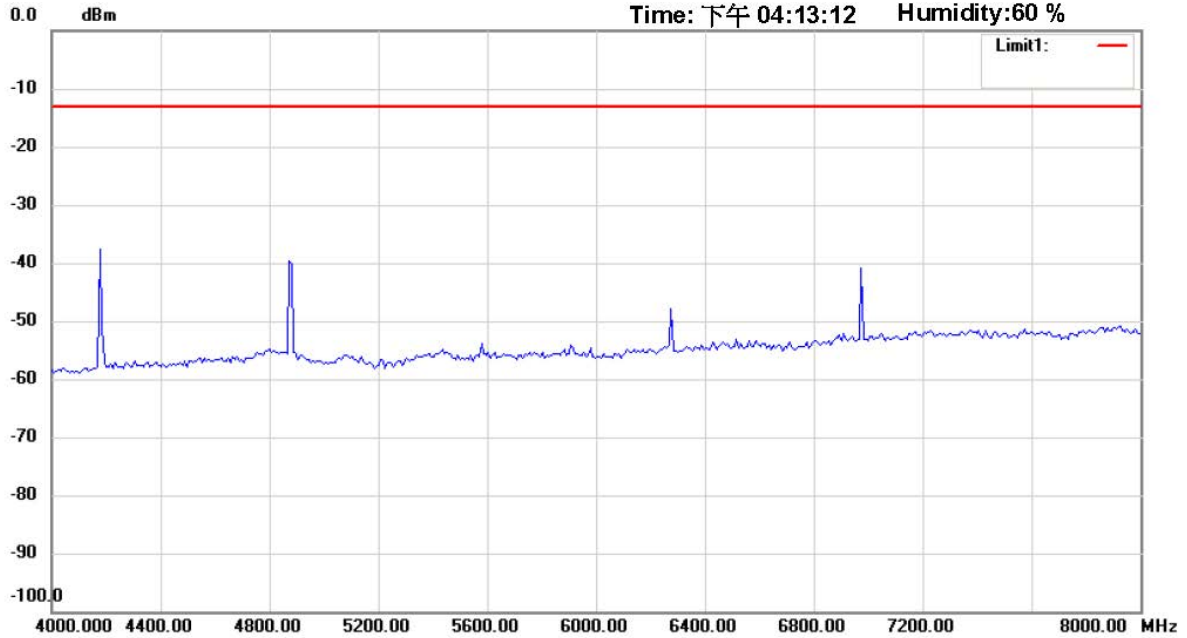
Data :#2

Date: 2014/10/8

Temperature:24 °C

Time: 下午 04:13:12

Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Horizontal*

EUT : W6M21409-14515

Power : 3V d.c.

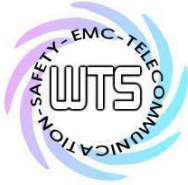
M/N: UF-16

Distance: 3m

Test Mode : 697.125MHz

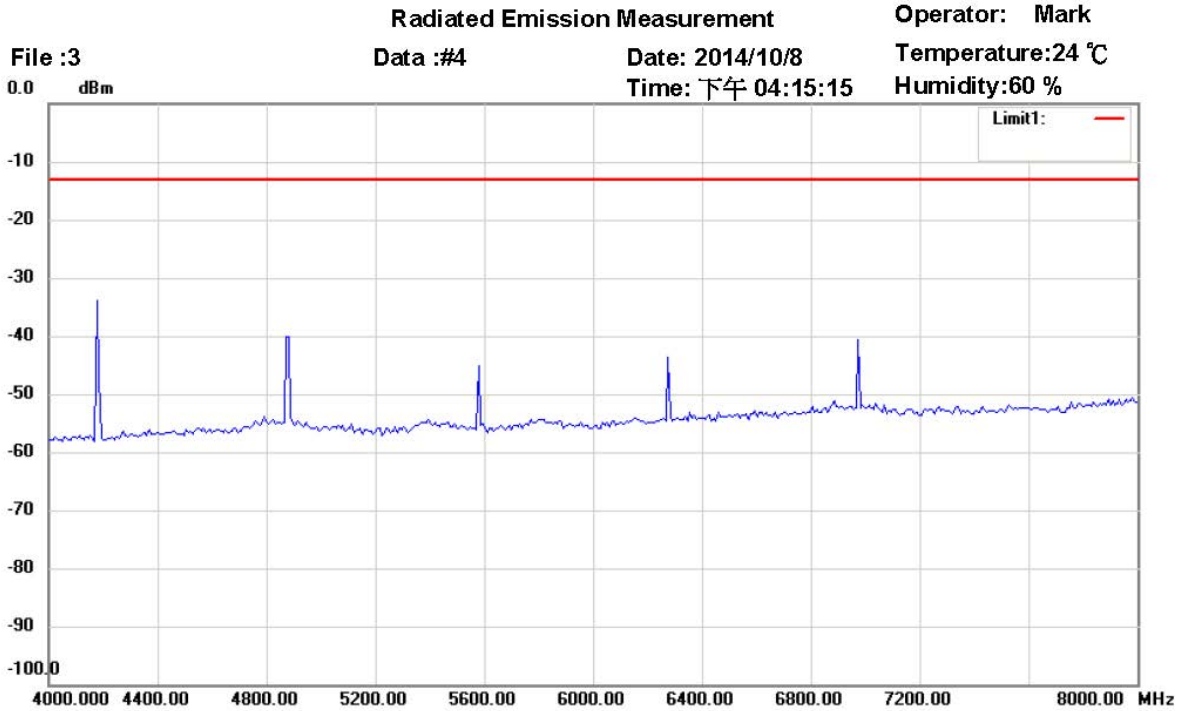
Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
 FCC ID: JEBUF-16HE



Site : Chamber  
 Condition : FCC 74.861 spurious emission  
 EUT : W6M21409-14515  
 M/N: UF-16  
 Test Mode : 697.125MHz

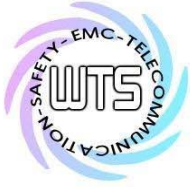
Polarization: *Vertical*  
 Power : 3V d.c.  
 Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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**Note:**

1. Correction Factor = Antenna Gain + Cable Loss + Amplifier Gain
2. The formula of measured value as: Test Result = Reading + Correction Factor
3. All not in the table noted test results are more than 20 dB below the relevant limits.
4. Measurement uncertainty: 30-200MHz : ±2.11 dB, 200-1000MHz : ±2.09 dB, 1-18GHz : ±2.71 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.



Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

### **10.3 Explanation of test result**

The measurements of the spurious emissions at the equipment output terminals were performed pursuant to the test procedure above in order to verify that any emissions are below the limits given by § 74.861 (6).

Calculation of test results :

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

In the Table being listed the critical peak and average value an exhibit the compliance with the above calculated Limits.

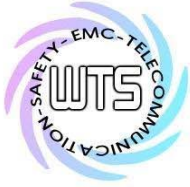
### **10.4 Limits**

Compliance with § 74.861 requires that any emission be attenuated below the transmitter power at least  $43 + 10 \log_{10} P$  (  $P$  = transmitter power in Watts ).

The compliance limit was calculated as an example per the following table :

Maximum transmitter output power	11.73 dBm
Required attenuation	$43 + 10 \log_{10} 0.01489 \text{ W} = 24.73 \text{ dB}$
Maximum transmitter output power	11.73 dBm
<u>Required attenuation</u>	<u>24.73 dB</u>
Compliance limit	-13 dBm

Test equipment used: ETSTW-RE 004, ETSTW-RE 122, ETSTW-RE 030,  
ETSTW-RE 042, ETSTW-RE 043, ETSTW-RE 044



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**11 Line Conducted Emission , FCC 15.207**

**11.1 Test procedure**

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.

**11.2 Test Results**

Frequency	Max. Level (dBμV)	
	quasi-peak	average
-- kHz	--	--

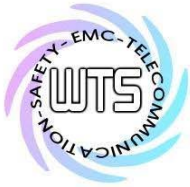
**Note**

- 1. The formula of measured value as: Test Result = Reading + Correction Factor**
- 2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss**
- 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 = ±1.41 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.**
- 7. This test is not required because the EUT is battery-used.**

**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 006, ETSTW-RE 045



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**12 Frequency Stability vs. Temperature , FCC 2.1055 , 74.861 (e)**

**12.1 Test procedure**

The equipment under test was connected to an external DC power supply and the RF output was connected to a frequency counter via feed through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable, exited the chamber through an opening made for that purpose.

After the temperature stabilized the frequency output was recorded from the counter.

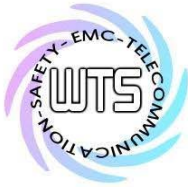
**12.2 Test Results**

**520.125 MHz**

°C	Freq	Error(kHz)	Error(ppm)
-30	520.133814	8.814	16.946
-20	520.132974	7.974	15.331
-10	520.132371	7.371	14.172
0	520.131962	6.962	13.385
+10	520.131250	6.250	12.016
+20	520.126121	1.121	2.155
+30	520.126121	1.121	2.155
+40	520.121794	-3.206	-6.164
+50	520.121794	-3.206	-6.164
Limit		26.006	50

**544.125 MHz**

°C	Freq	Error(kHz)	Error(ppm)
-30	544.135096	10.096	18.555
-20	544.134171	9.171	16.855
-10	544.133012	8.012	14.725
0	544.128736	3.736	6.866
+10	544.123717	-1.283	-2.358
+20	544.126121	1.121	2.060
+30	544.126121	1.121	2.060
+40	544.121634	-3.366	-6.186
+50	544.121634	-3.366	-6.186
Limit		26.006	50



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## 607.225 MHz

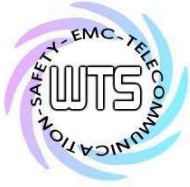
°C	Freq	Error(kHz)	Error(ppm)
-30	607.230288	5.288	8.708
-20	607.229715	4.715	7.765
-10	607.228525	3.525	5.805
0	607.228431	3.431	5.650
+10	607.228205	3.205	5.278
+20	607.226282	1.282	2.111
+30	607.226282	1.282	2.111
+40	607.224839	-0.161	-0.265
+50	607.224839	-0.161	-0.265
Limit		30.361	30.361

## 615.025 MHz

°C	Freq	Error(kHz)	Error(ppm)
-30	615.030448	5.448	8.858
-20	615.029893	4.893	7.956
-10	615.029647	4.647	7.556
0	615.028841	3.841	6.245
+10	615.028044	3.044	4.949
+20	615.026121	1.121	1.823
+30	615.026121	1.121	1.823
+40	615.024679	-0.321	-0.522
+50	615.024679	-0.321	-0.522
Limit		30.751	50

## 629.825 MHz

°C	Freq	Error(kHz)	Error(ppm)
-30	629.830128	5.128	8.142
-20	629.830065	5.065	8.042
-10	629.829967	4.967	7.886
0	629.828715	3.715	5.898
+10	629.828044	3.044	4.833
+20	629.826121	1.121	1.780
+30	629.826121	1.121	1.780
+40	629.824519	-0.481	-0.764
+50	629.824519	-0.481	-0.764
Limit		31.491	50



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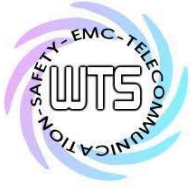
Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

697.125 MHz

°C	Freq	Error(kHz)	Error(ppm)
-30	697.125961	0.961	1.379
-20	697.126301	1.301	1.866
-10	697.126602	1.602	2.298
0	697.126754	1.754	2.516
+10	697.126820	1.820	2.611
+20	697.124839	-0.161	-0.231
+30	697.124839	-0.161	-0.231
+40	697.124519	-0.481	-0.690
+50	697.124519	-0.481	-0.690
Limit		34.856	50

Test equipment used: ETSTW-RE 055, ETSTW-CE 009



Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

**13 Frequency Stability vs. Voltage , FCC 2.1055 (d) ; 74.861 (e)**

**13.1 Test procedure**

An external variable DC power supply was connected to the battery terminals of the equipment under test.

For hand carried , battery powered equipment primary supply voltage was reduced to the battery operating end point as specified by the manufacturer. The output frequency was recorded for each battery voltage.

**13.2 Test Results**

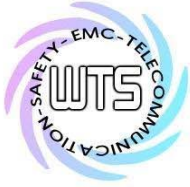
Test voltage: 2.55 Vdc

Frequency in Normal Condition (MHz)	Frequency in battery operating end point (MHz)	Frequency Error (kHz)	Frequency Error (ppm)
520.125322	520.125322	0.000	0.000
544.125341	544.125341	0.000	0.000
607.225243	607.225243	0.000	0.000
615.025269	615.025269	0.000	0.000
629.825534	629.825534	0.000	0.000
697.126344	697.126344	0.000	0.000

Limit :  $\pm 0.005\%$

Test equipment used: ETSTW-RE 055





Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

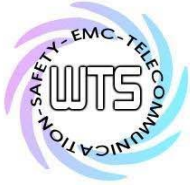
## **Appendix**

### **A Measurement diagrams**

1. Modulation Deviation and Audio frequency response
2. Occupied Bandwidth / Emission Mask
3. Spurious Emissions at Antenna Terminals  
(This test is not applicable)
4. Line Conducted Emissions  
(This is not required the sample is battery used.)
5. Frequency Stability vs. Temperature  
No diagrams  
Refer to point 12.2
6. Frequency Stability vs. Voltage  
No diagrams  
Refer to point 13.2

### **B Photos**

1. External Photos
2. Internal Photos
3. Set Up Photo of Radiated Emission



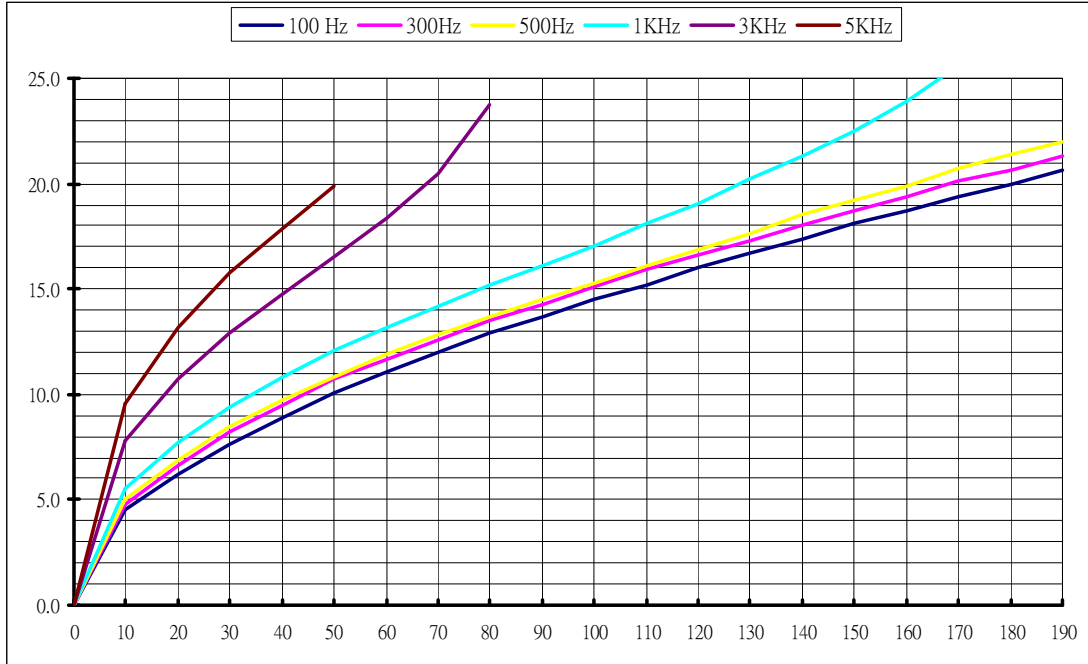
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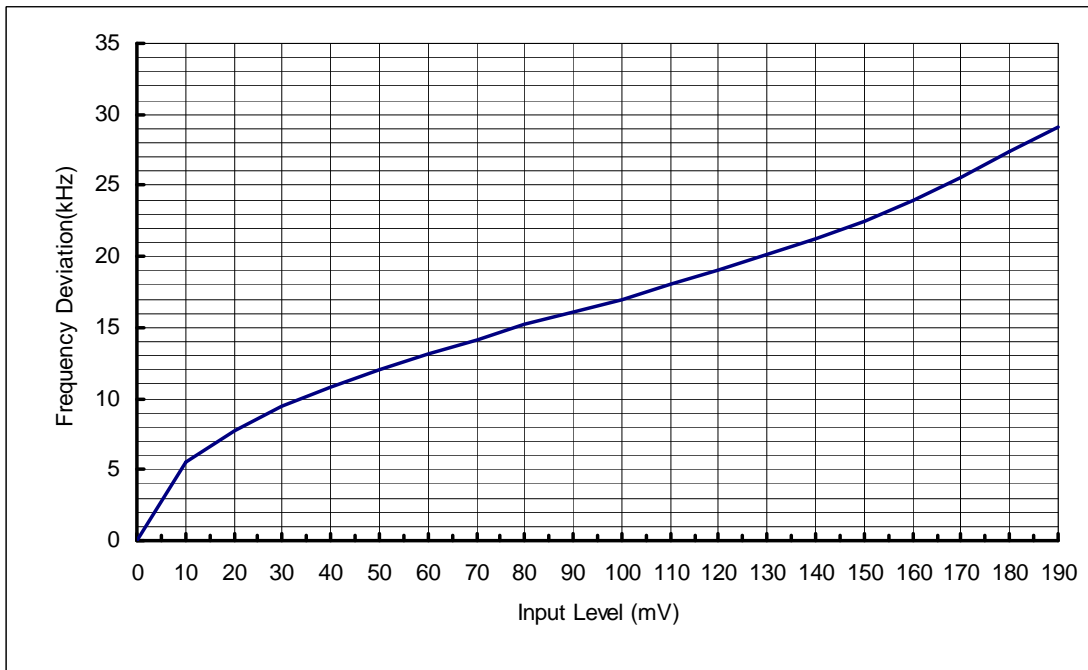
## Modulation Deviation and Audio frequency response

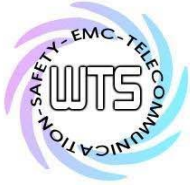
520.125 MHz

### Modulation Characteristics



### Frequency Deviation at 1kHz

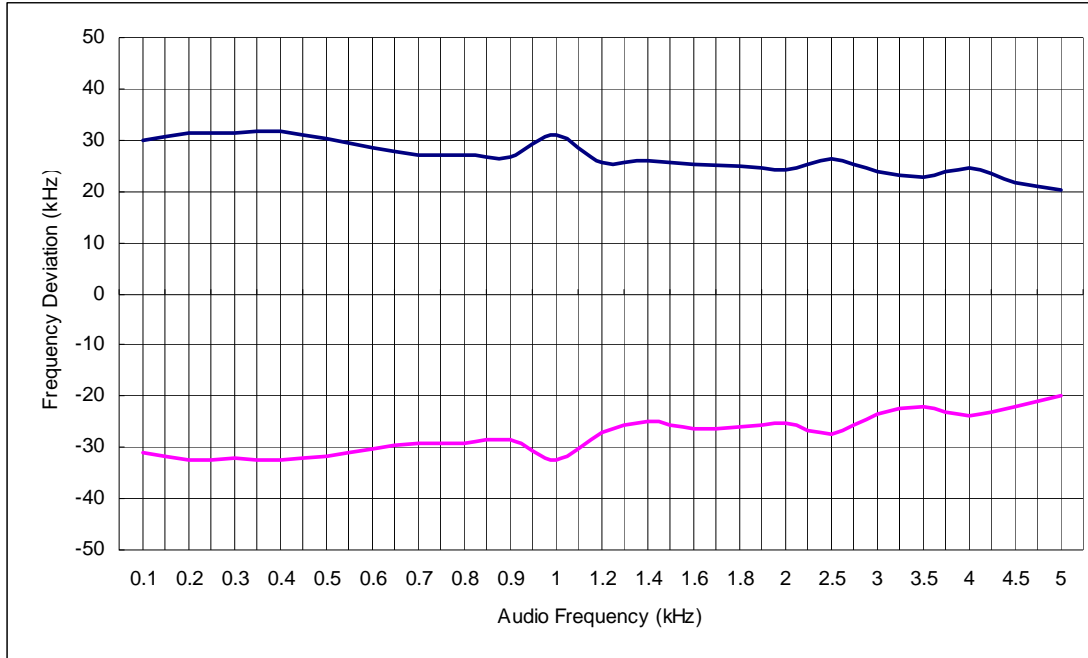




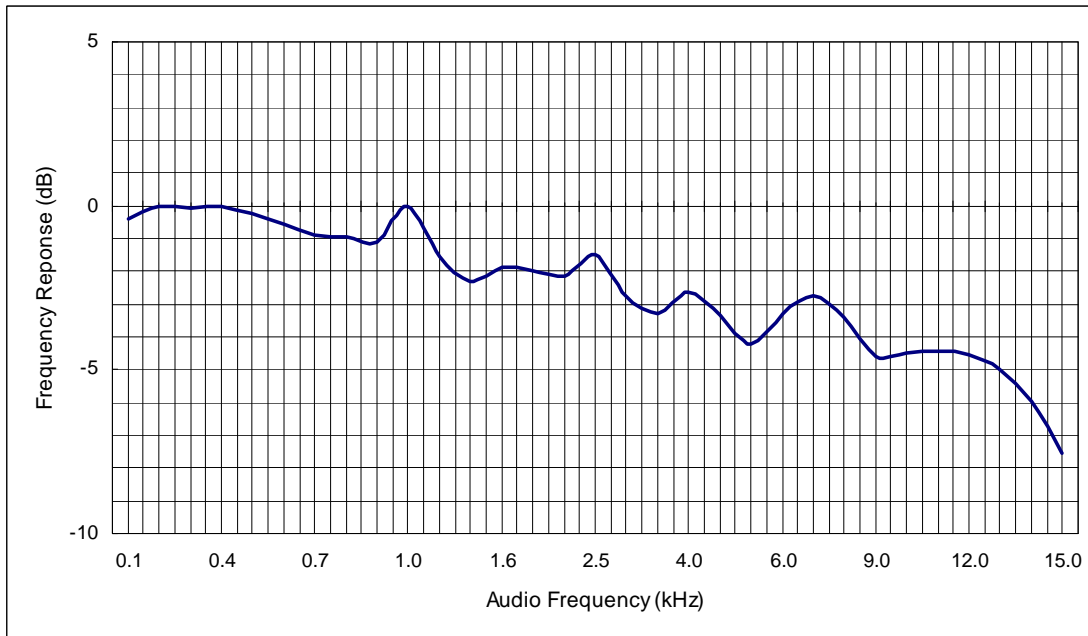
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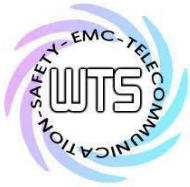
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### Frequency Deviation



### Audio Response



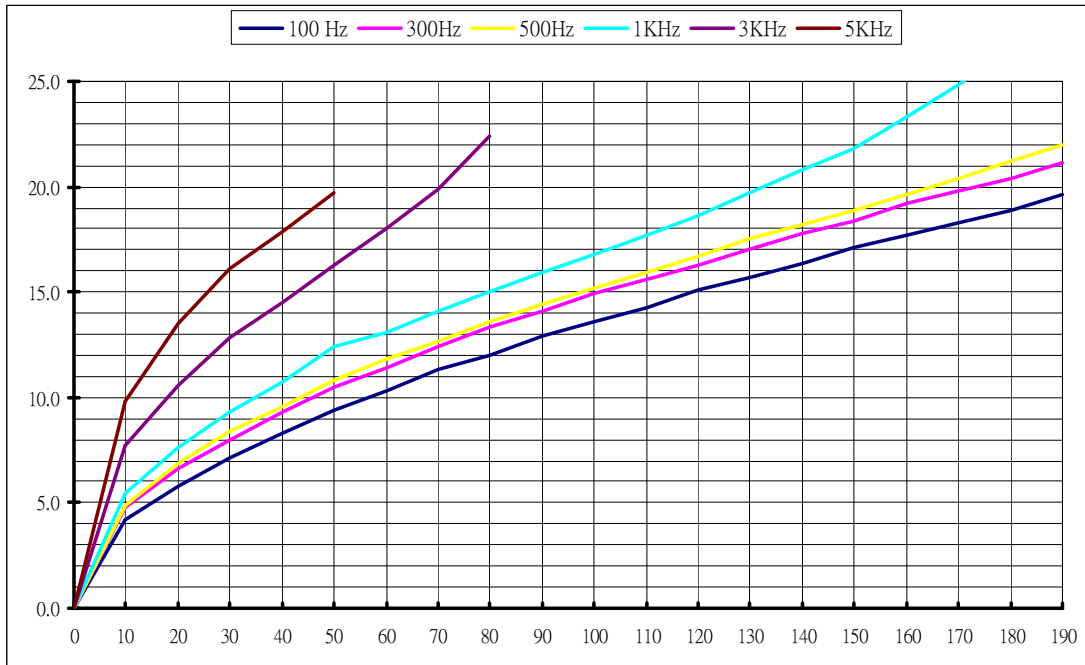


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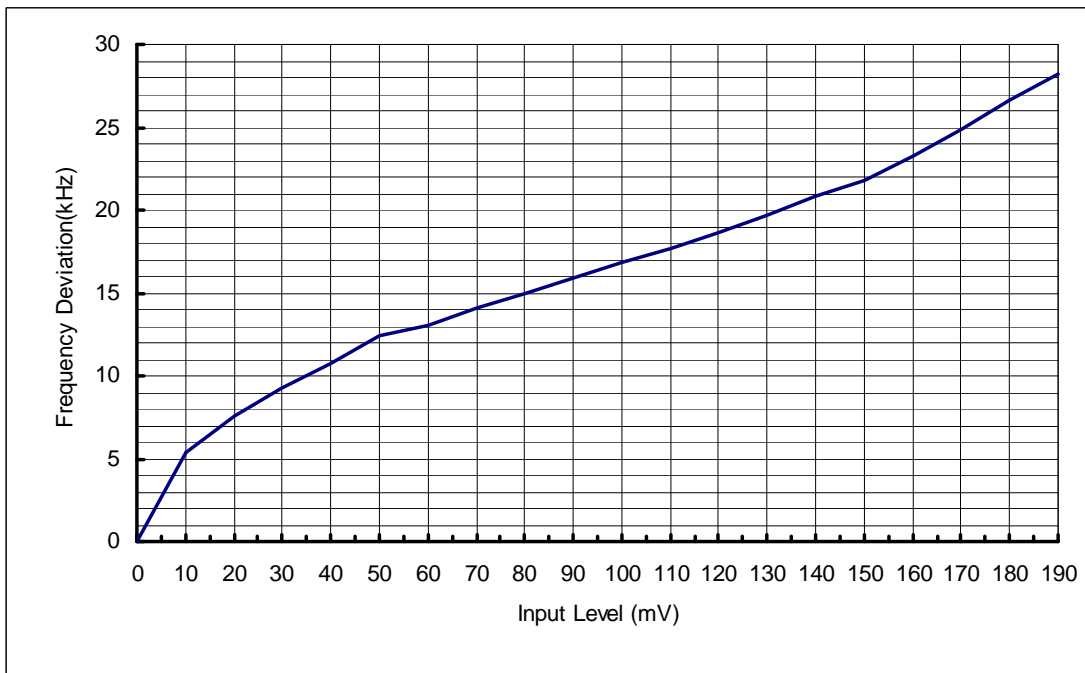
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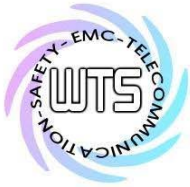
544.125MHz

**Modulation Characteristics**



**Frequency Deviation at 1kHz**

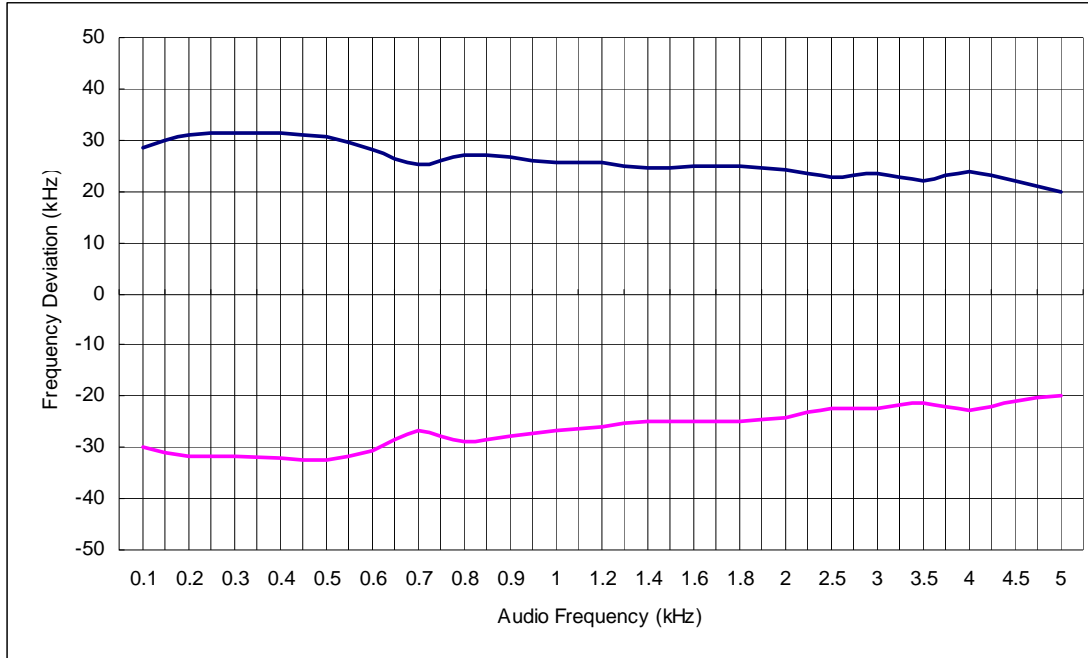




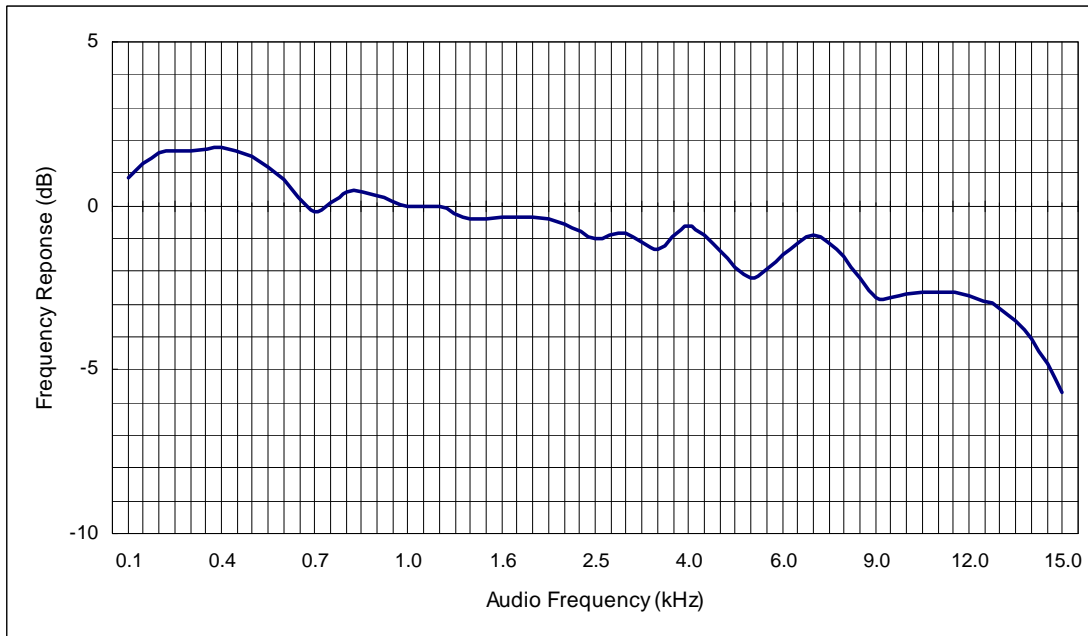
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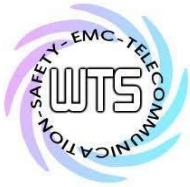
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### Frequency Deviation



### Audio Response



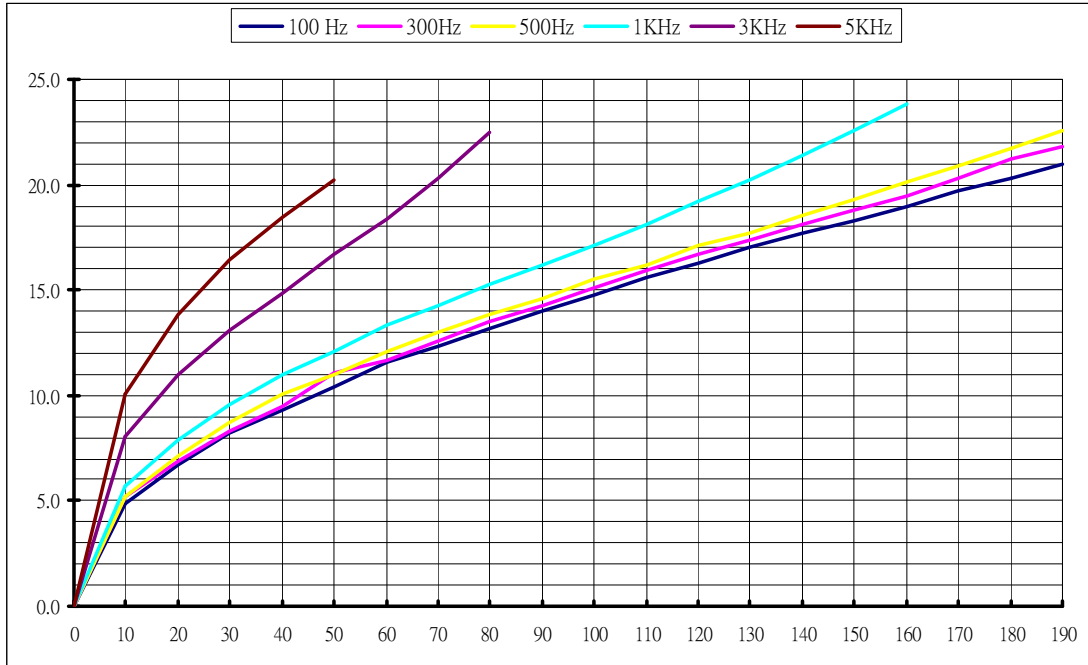


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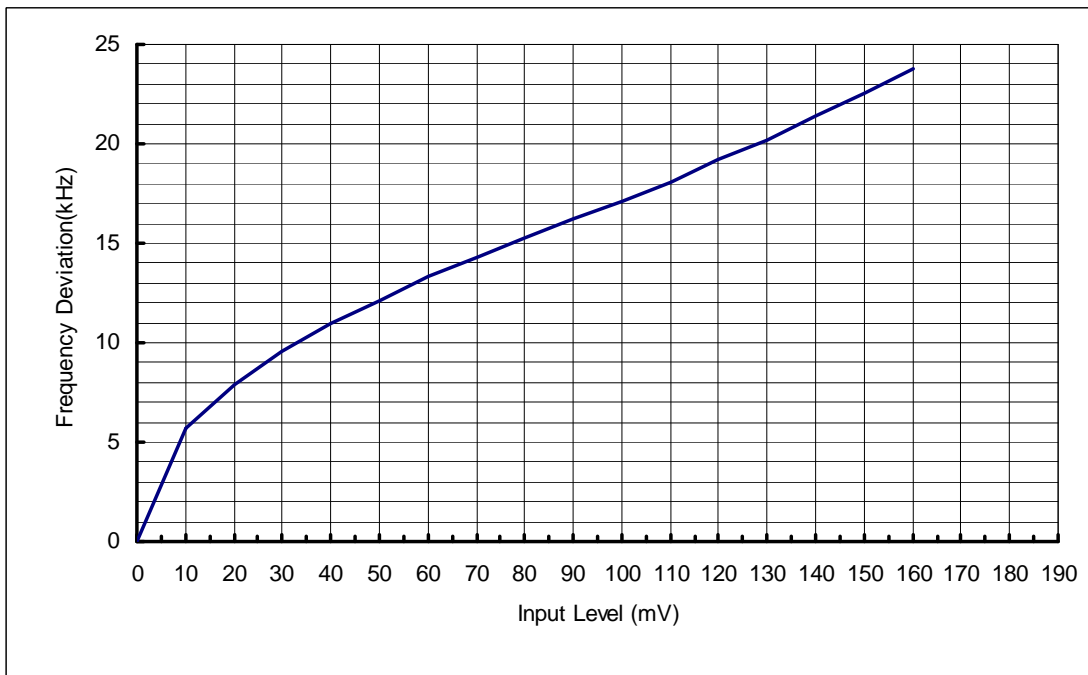
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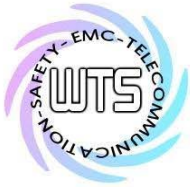
607.225 MHz

### Modulation Characteristics



### Frequency Deviation at 1kHz

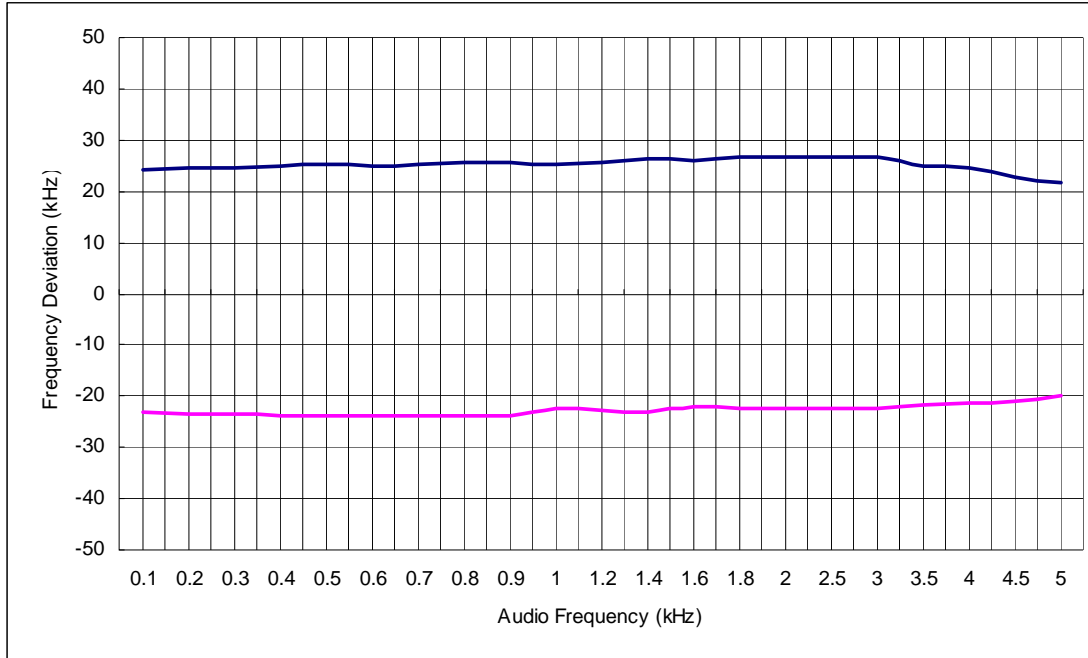




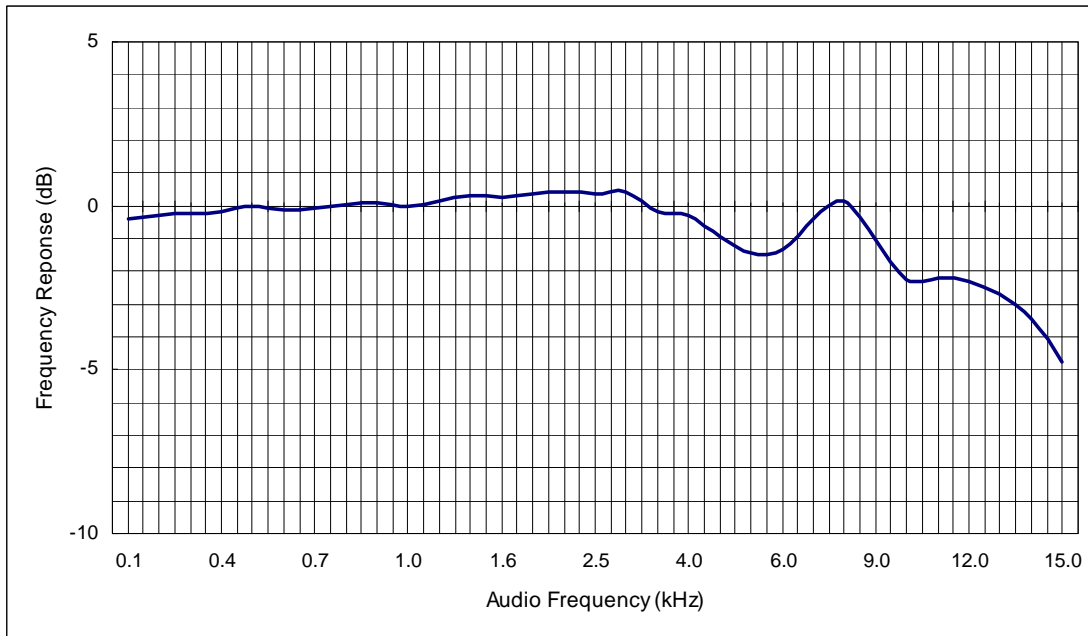
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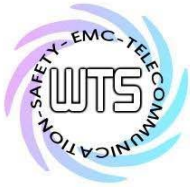
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### Frequency Deviation



### Audio Response



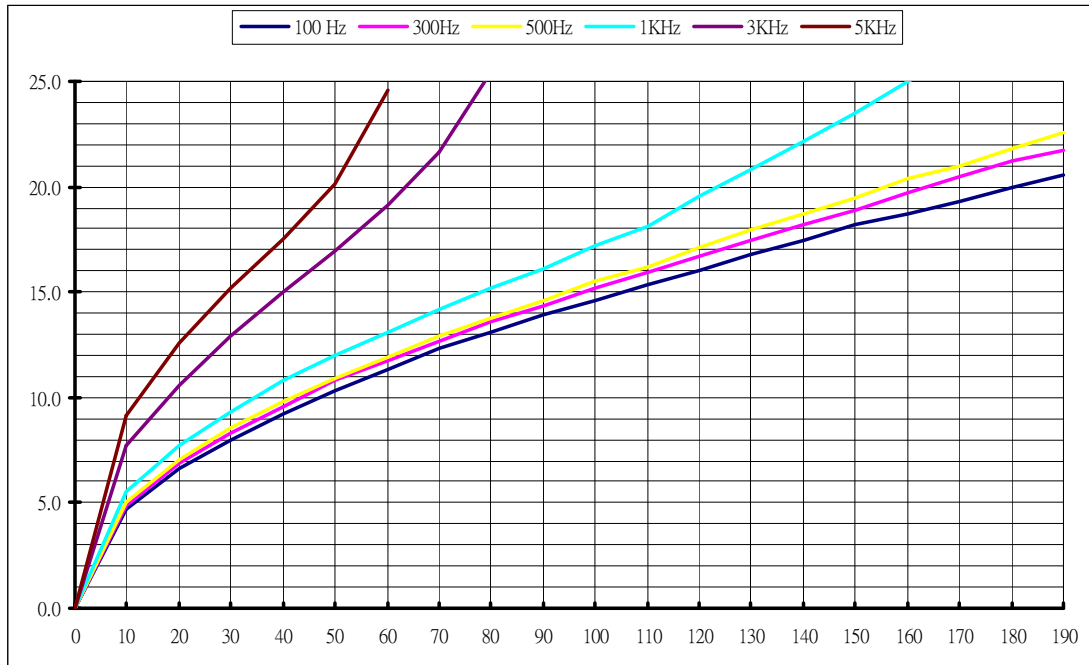


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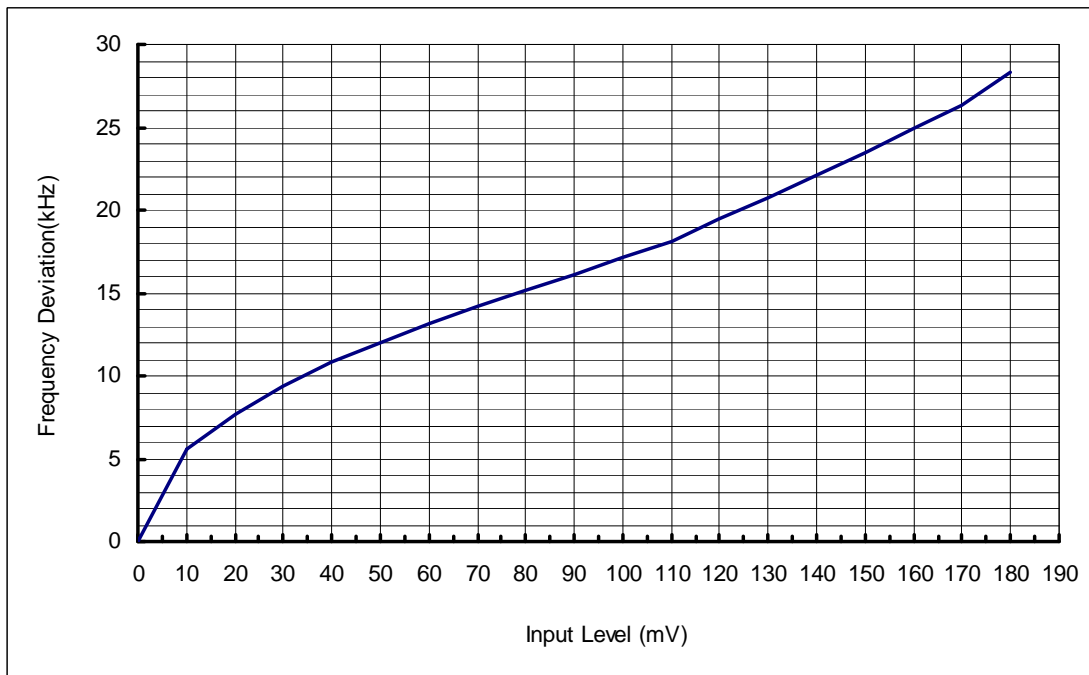
FCC ID: JEBUF-16HE

615.025 MHz

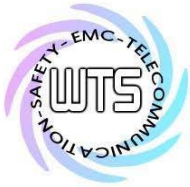
## Modulation Characteristics



## Frequency Deviation at 1kHz



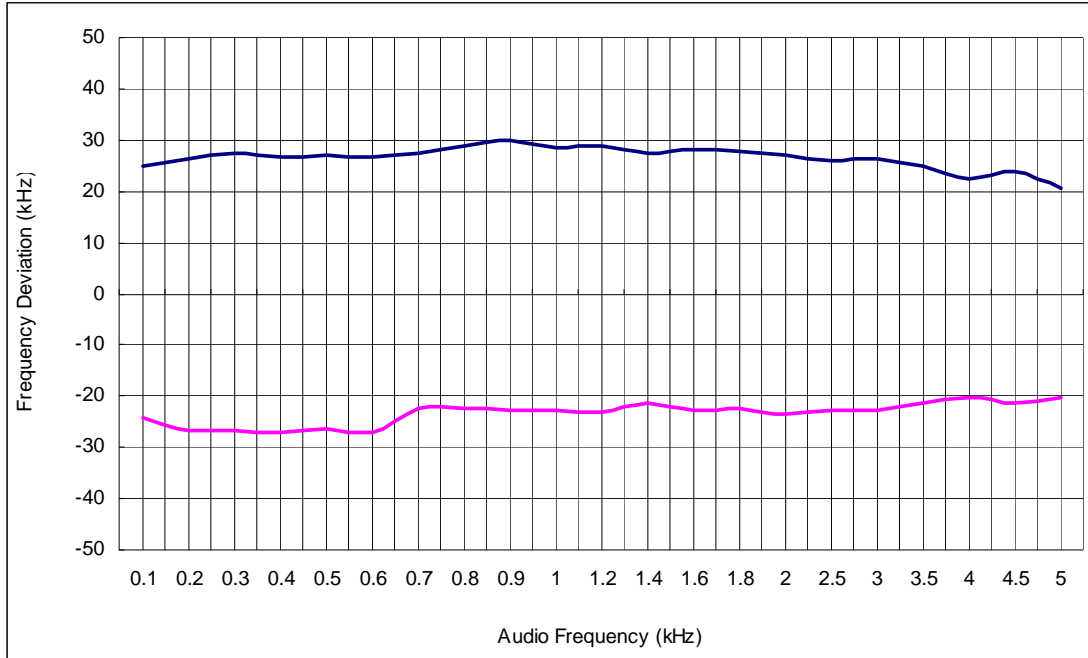




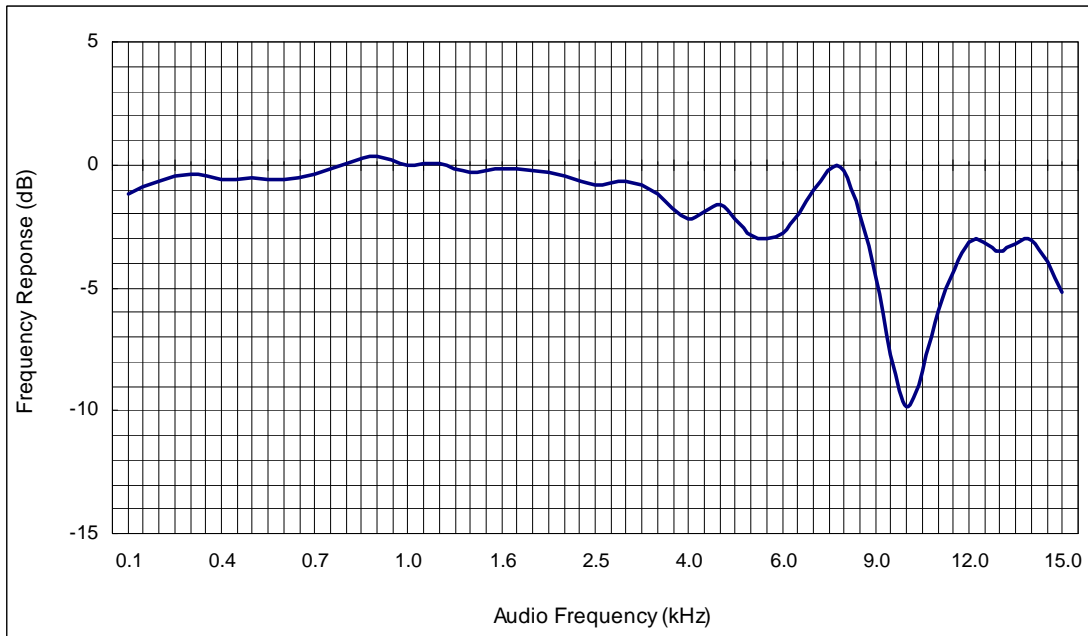
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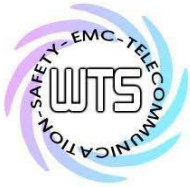
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### Frequency Deviation



### Audio Response



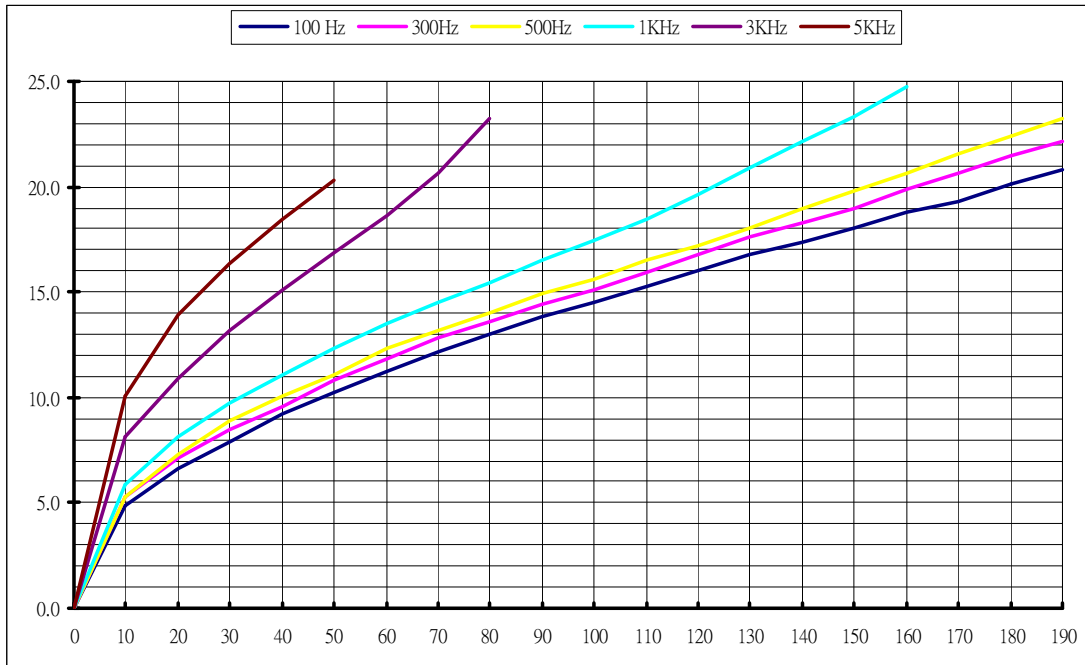


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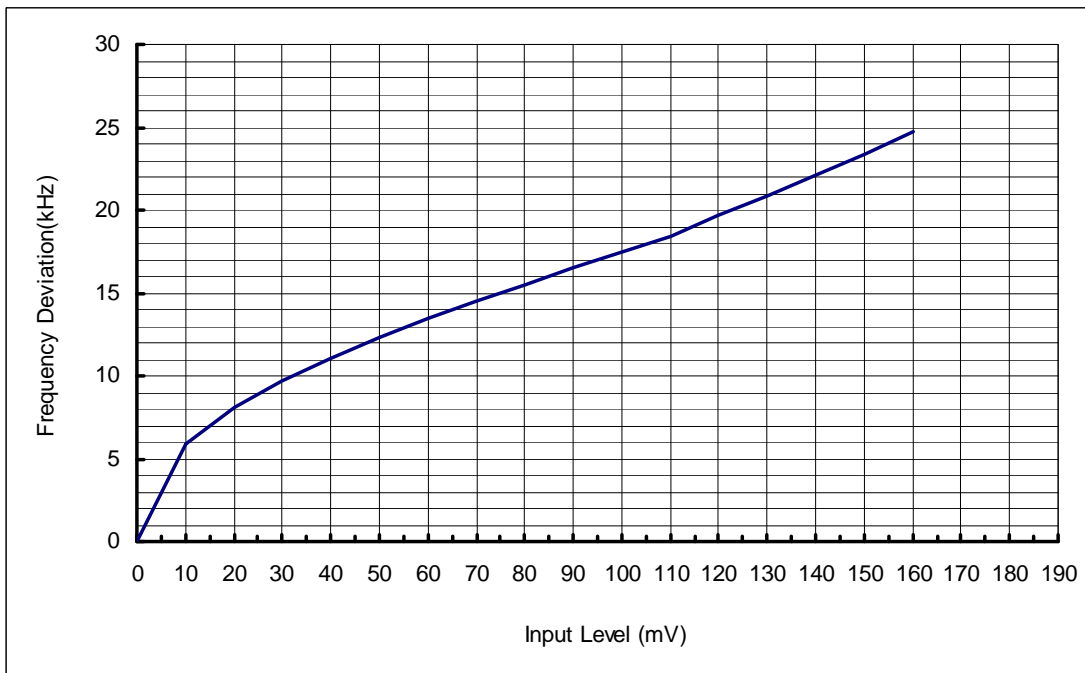
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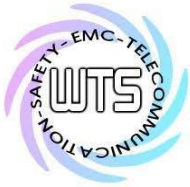
629.825MHz

**Modulation Characteristics**



**Frequency Deviation at 1kHz**

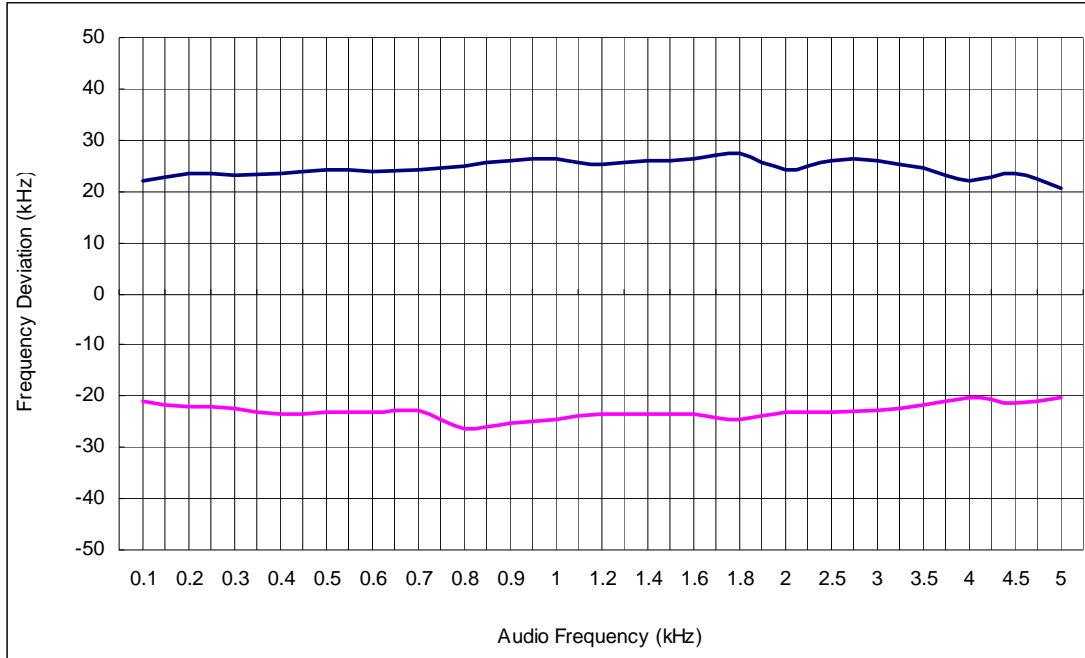




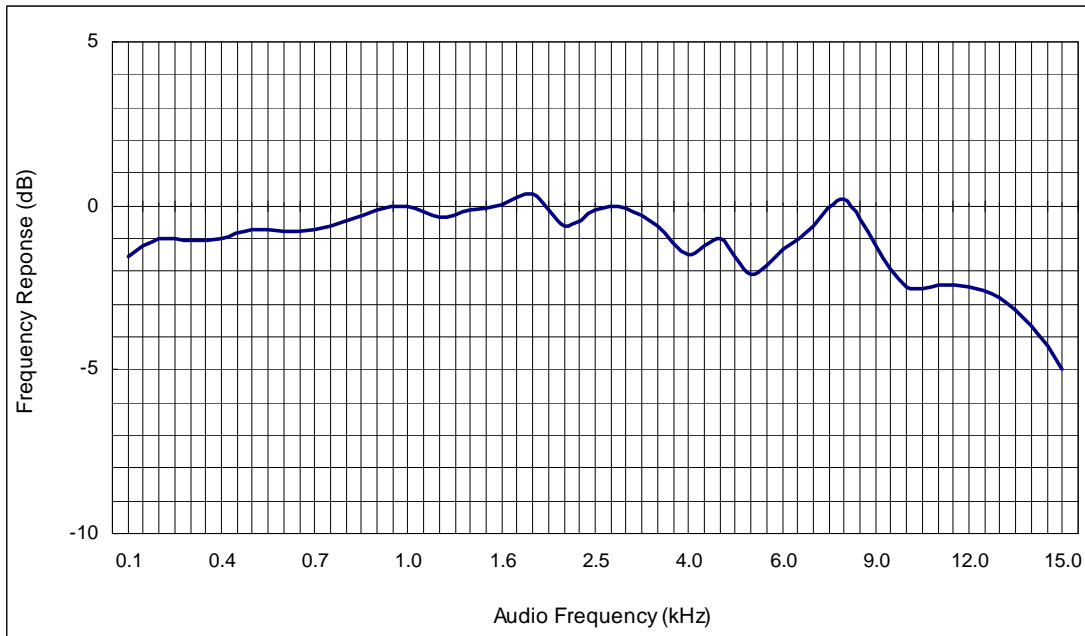
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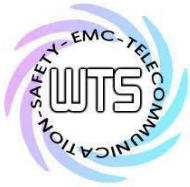
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### Frequency Deviation



### Audio Response



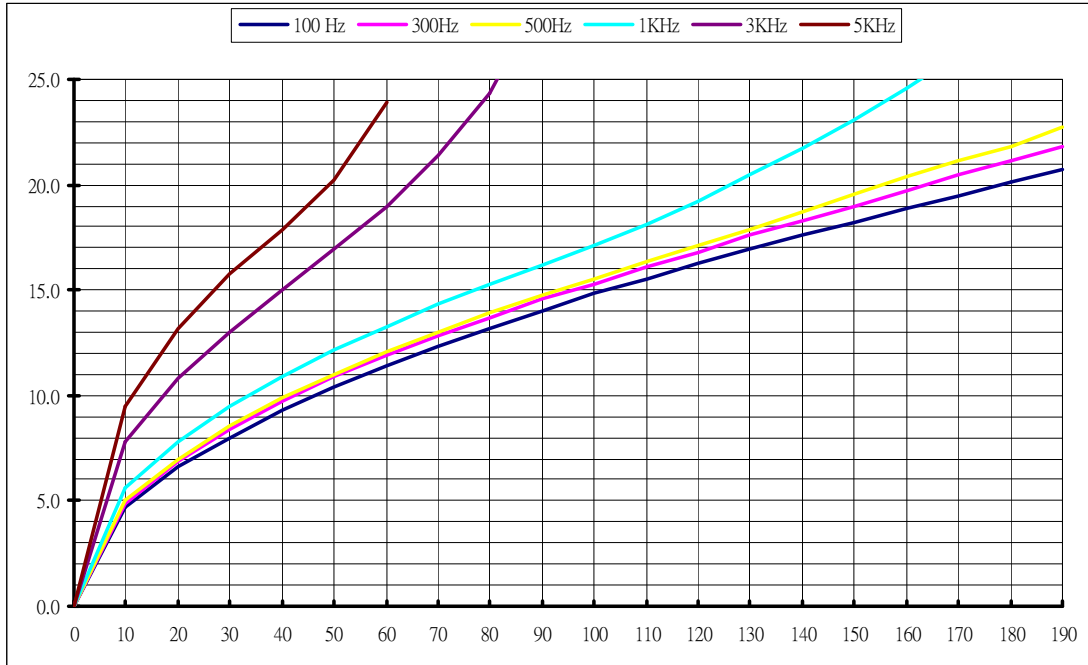


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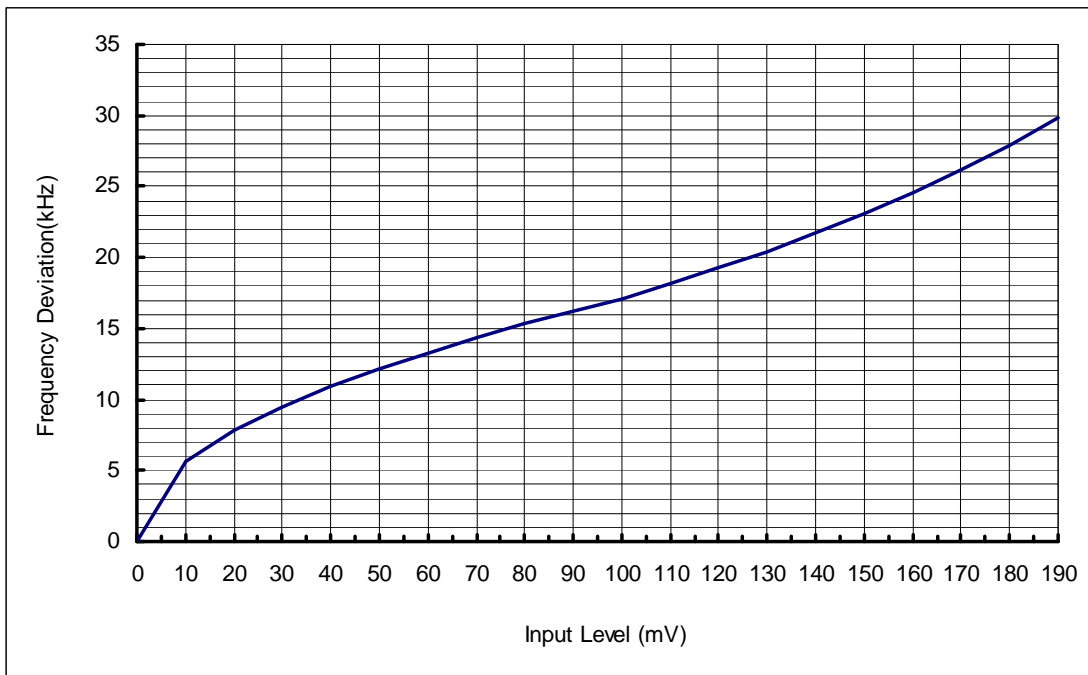
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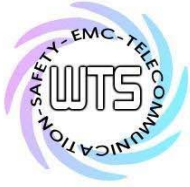
697.125 MHz

## Modulation Characteristics



## Frequency Deviation at 1kHz

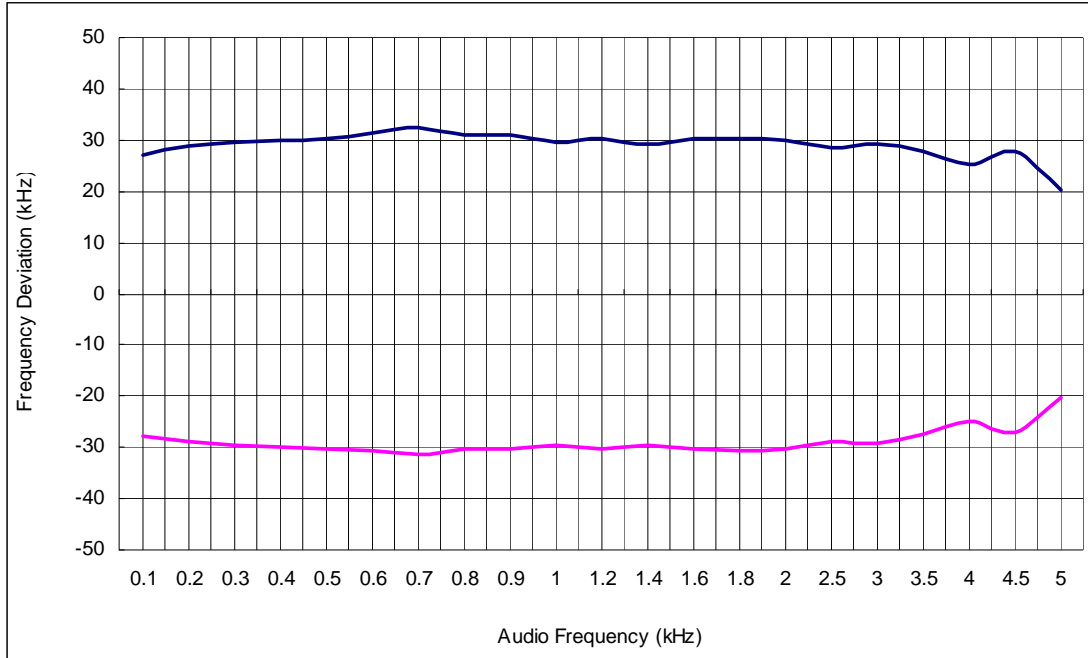




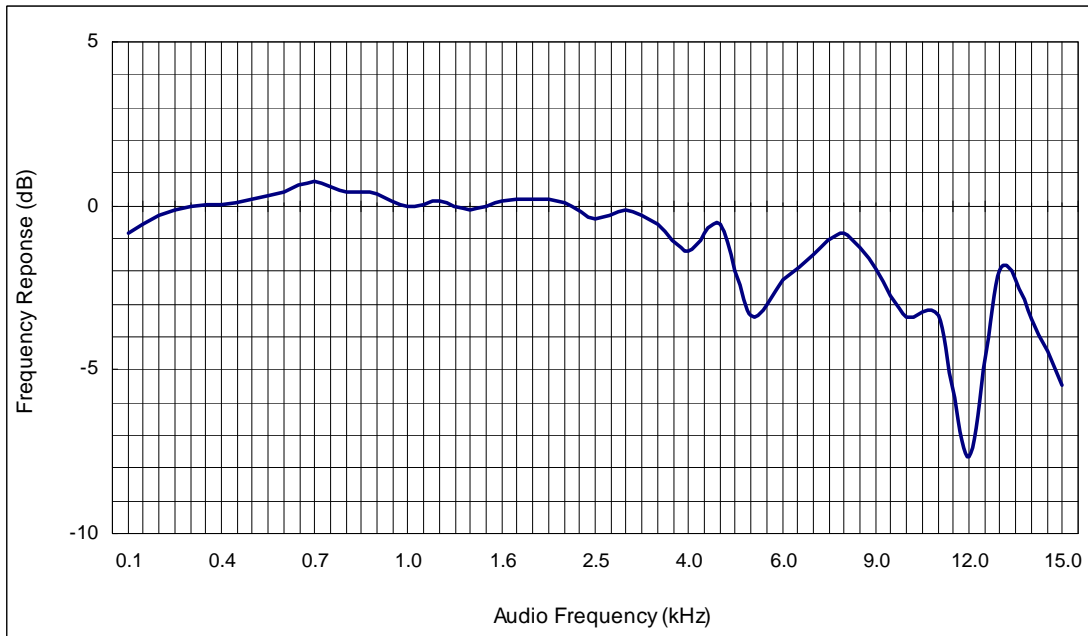
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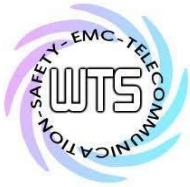
FCC ID: JEBUF-16HE

### Frequency Deviation



### Audio Response

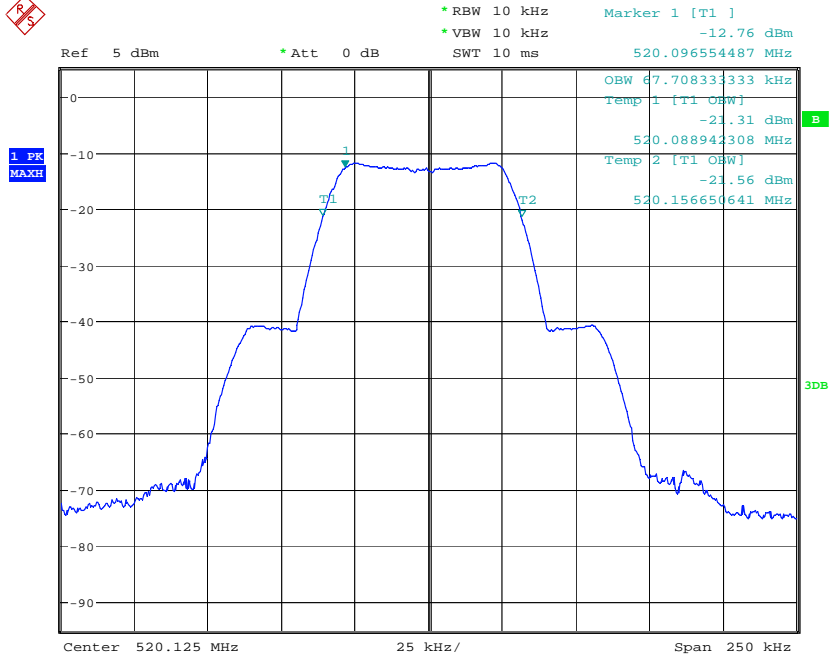




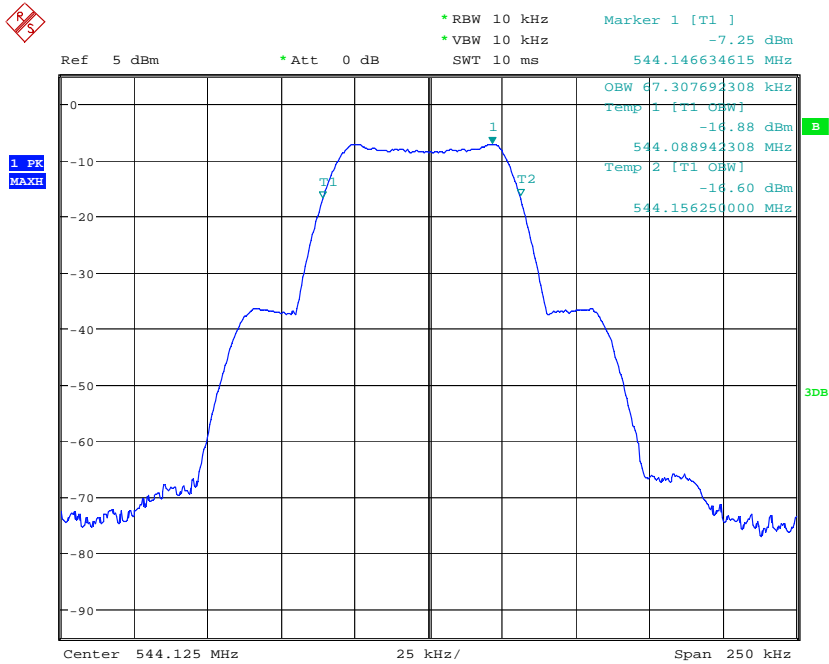
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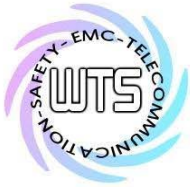
## Occupied Bandwidth



OCCUPIED BANDWIDTH 1KHZ  
 Date: 16.OCT.2014 14:39:41



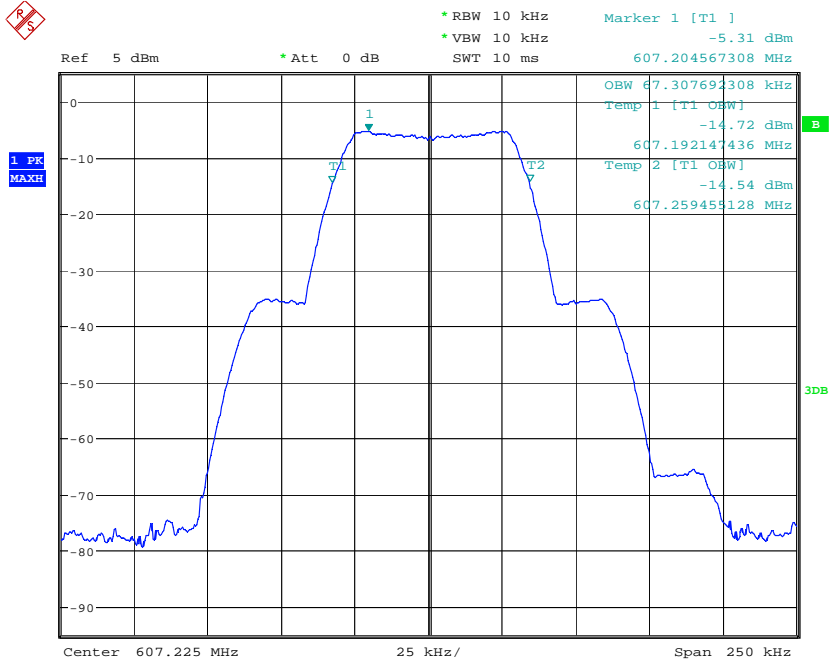
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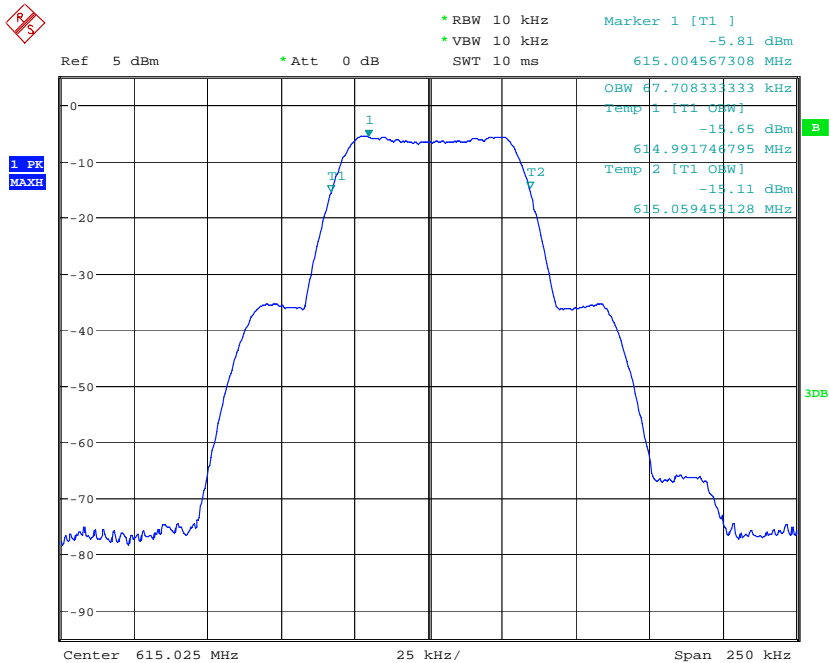
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

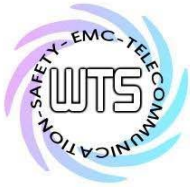
FCC ID: JEBUF-16HE



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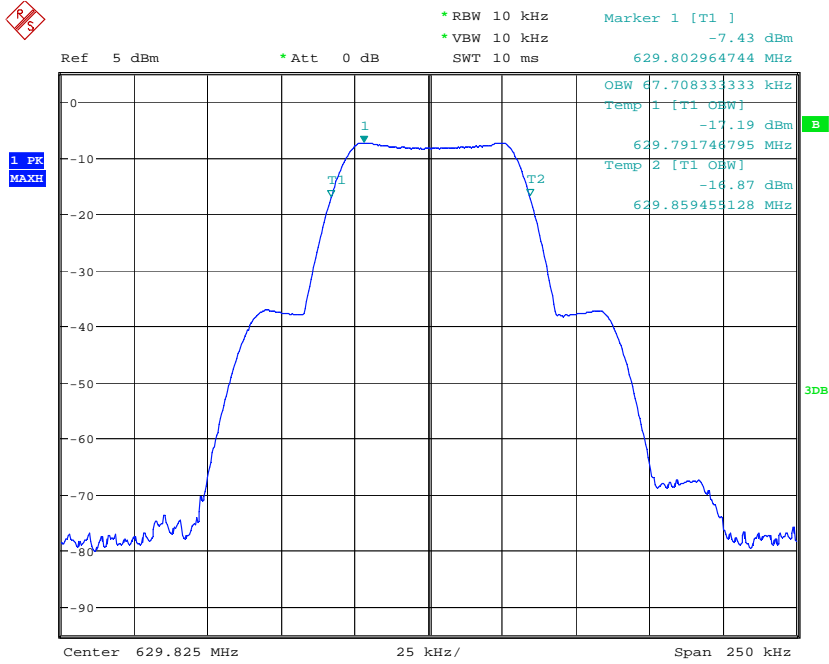
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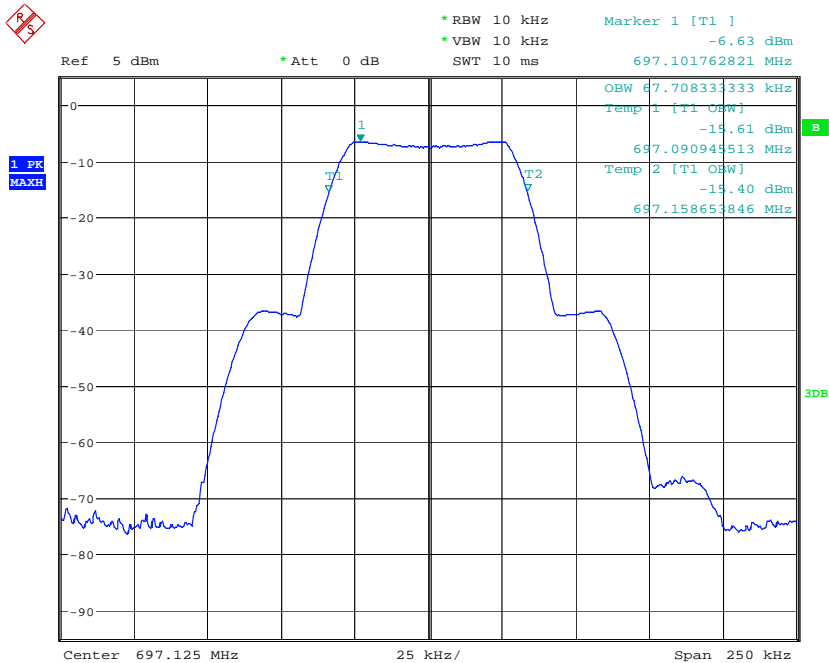
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

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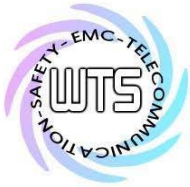


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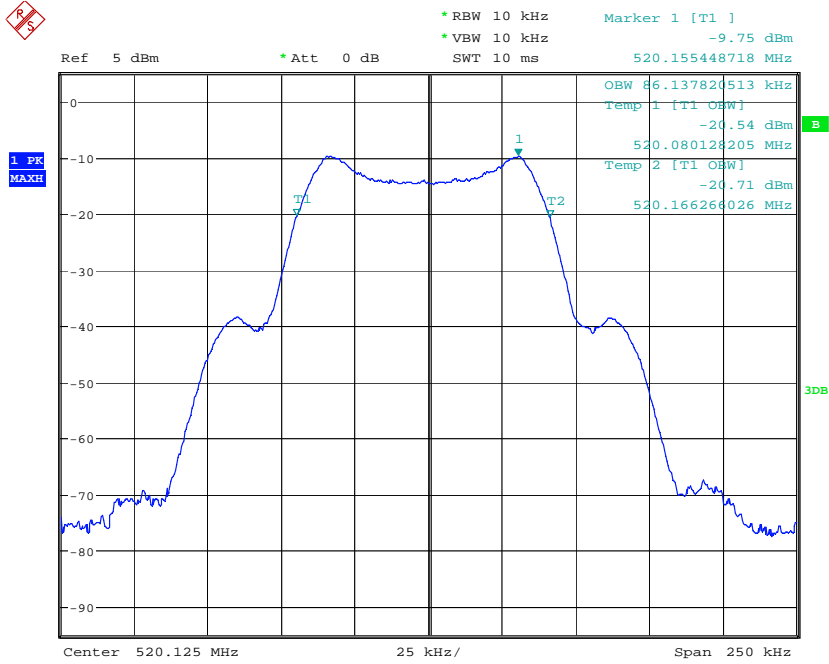




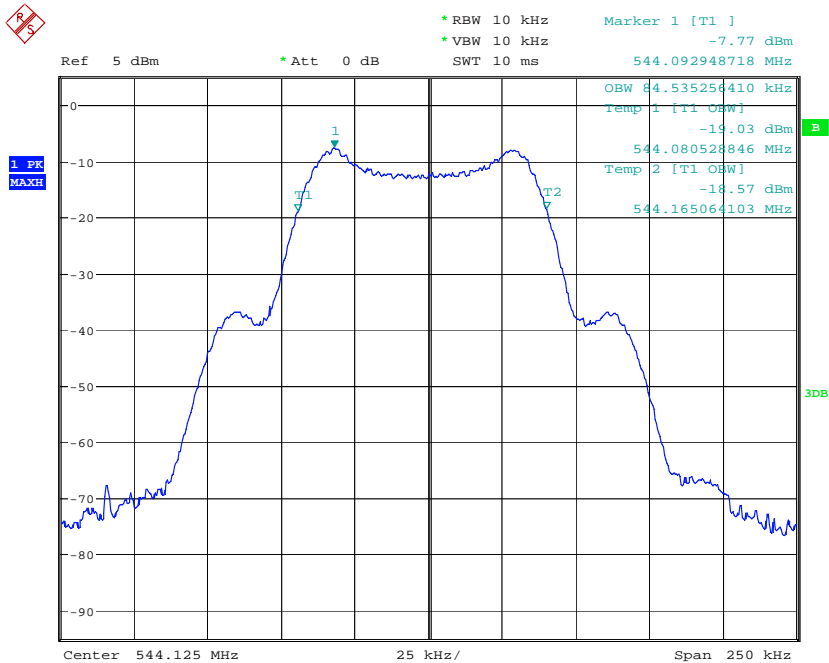
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

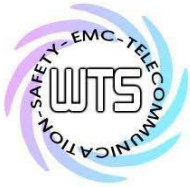
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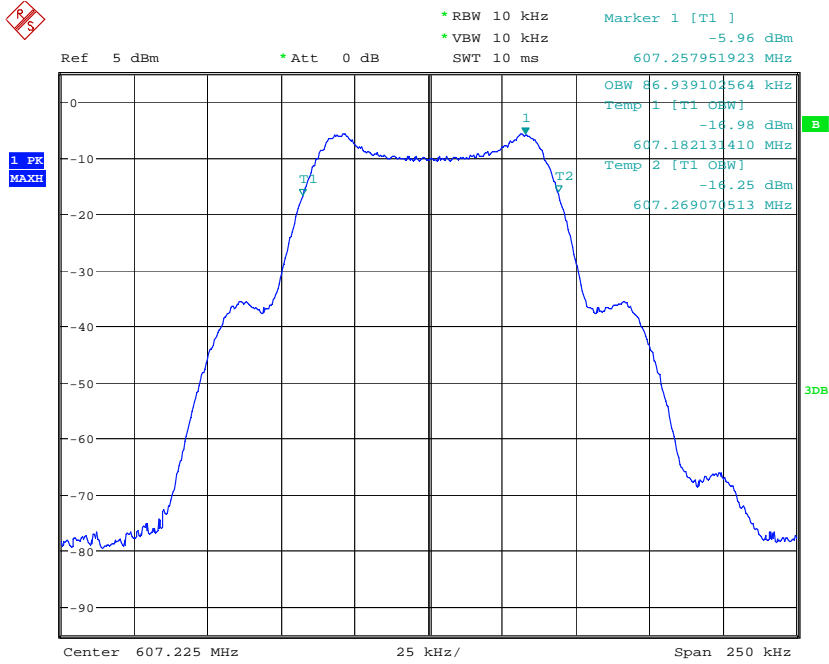
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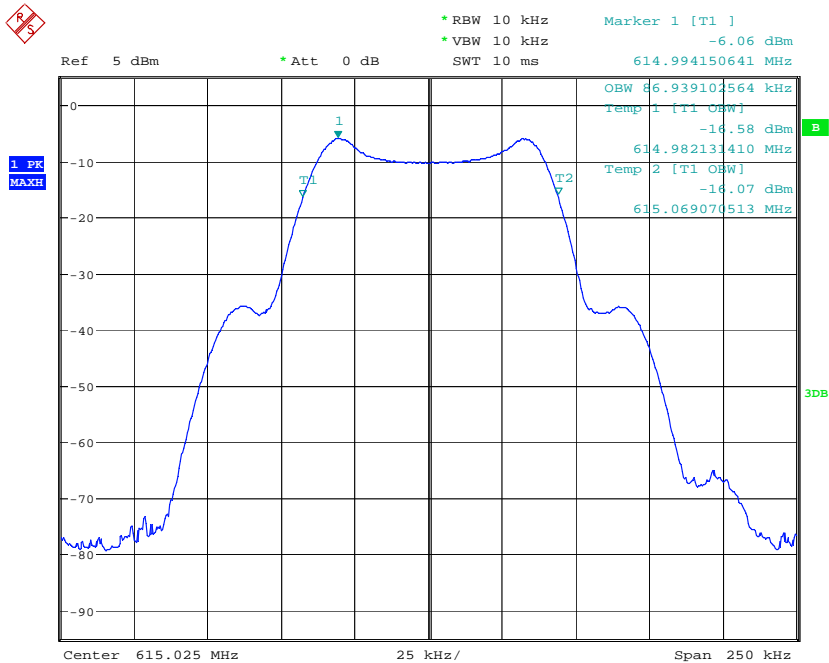
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

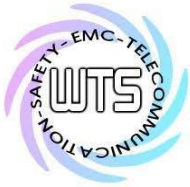
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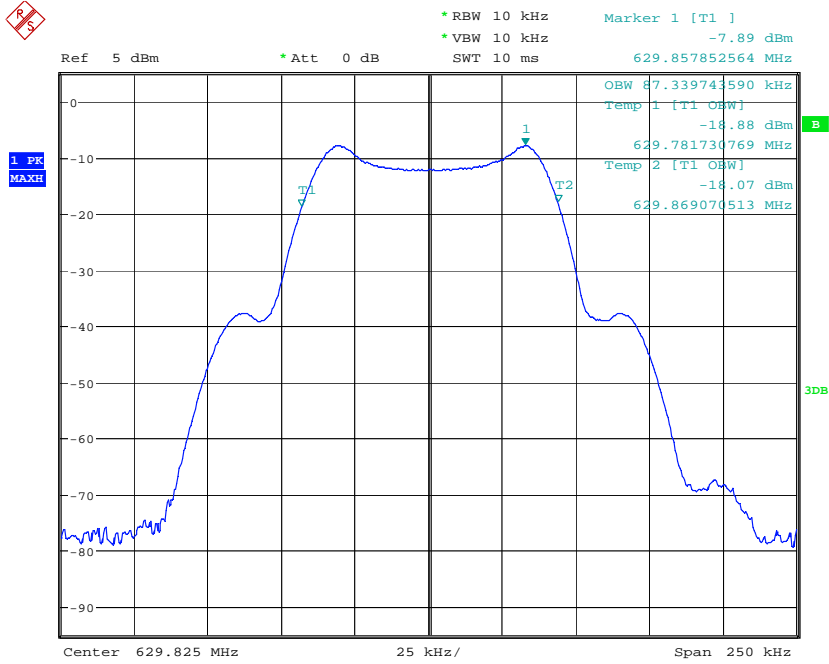
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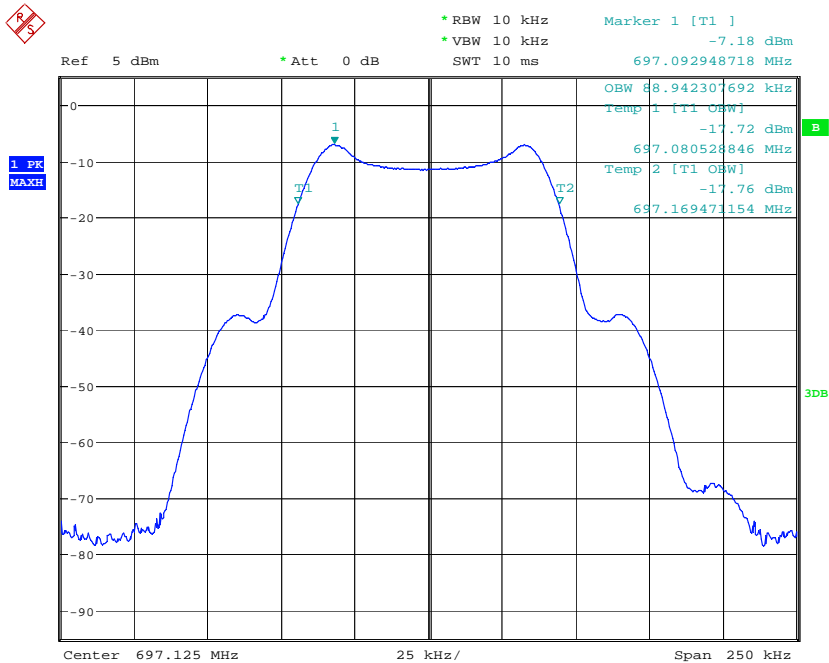
# Worldwide Testing Services(Taiwan) Co., Ltd.

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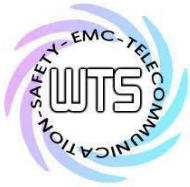
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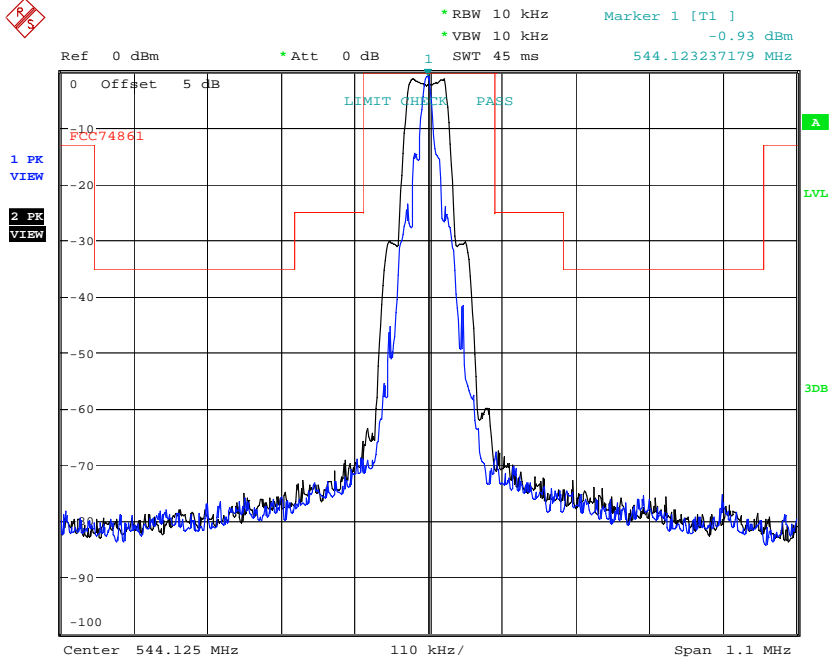


# Worldwide Testing Services(Taiwan) Co., Ltd.

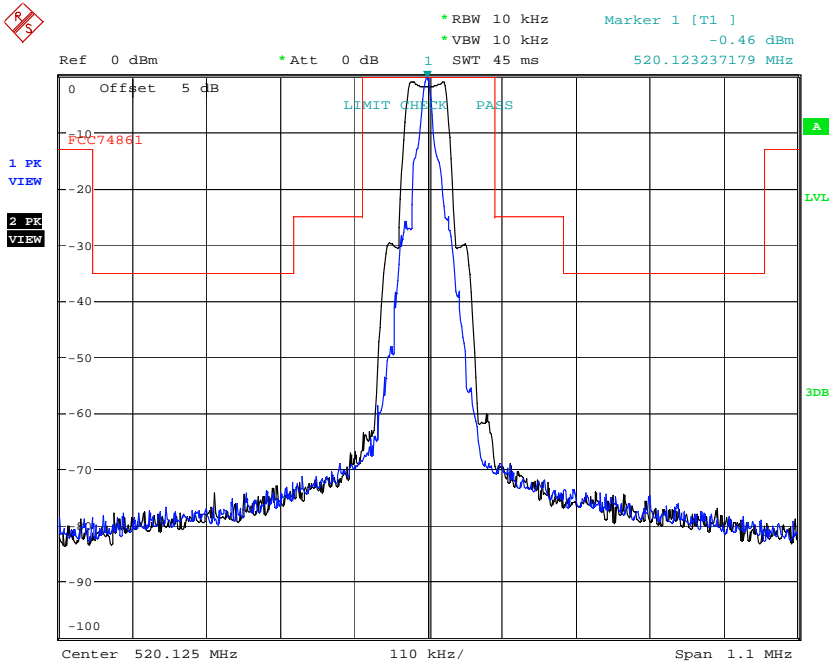
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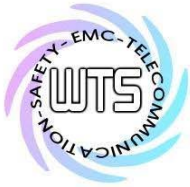
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EMISSION MASK 544.125MHZ  
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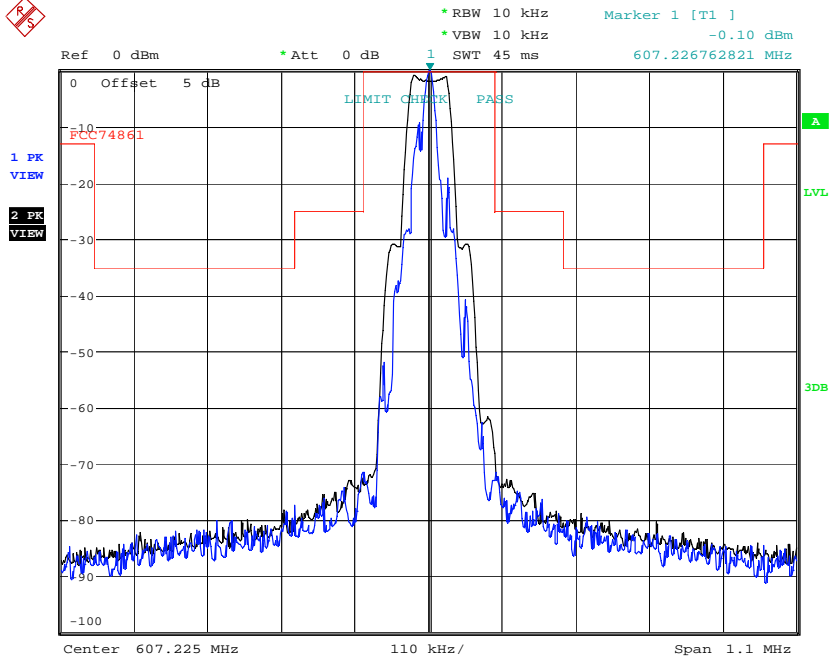
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# Worldwide Testing Services(Taiwan) Co., Ltd.

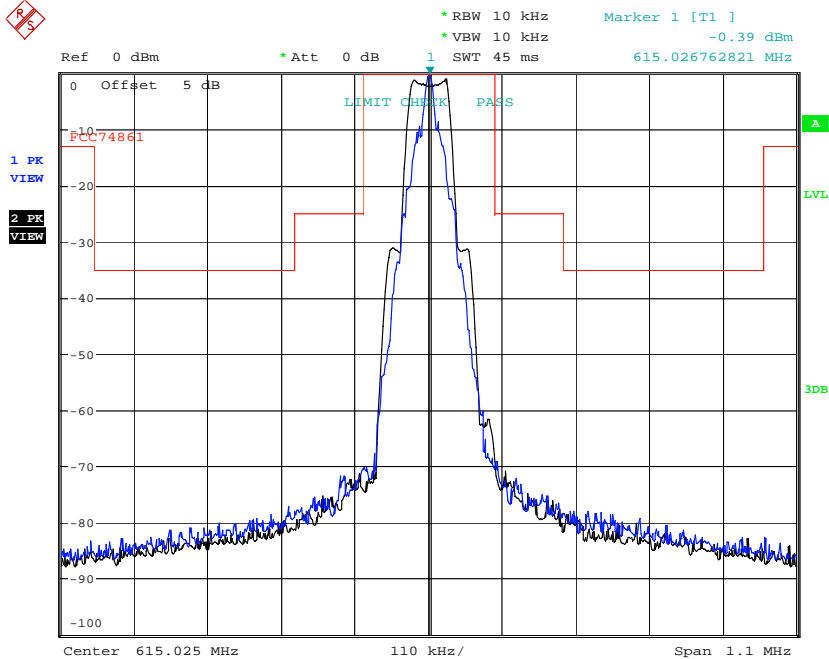
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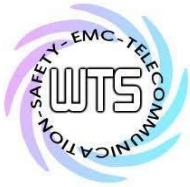
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Date: 16.OCT.2014 14:19:24



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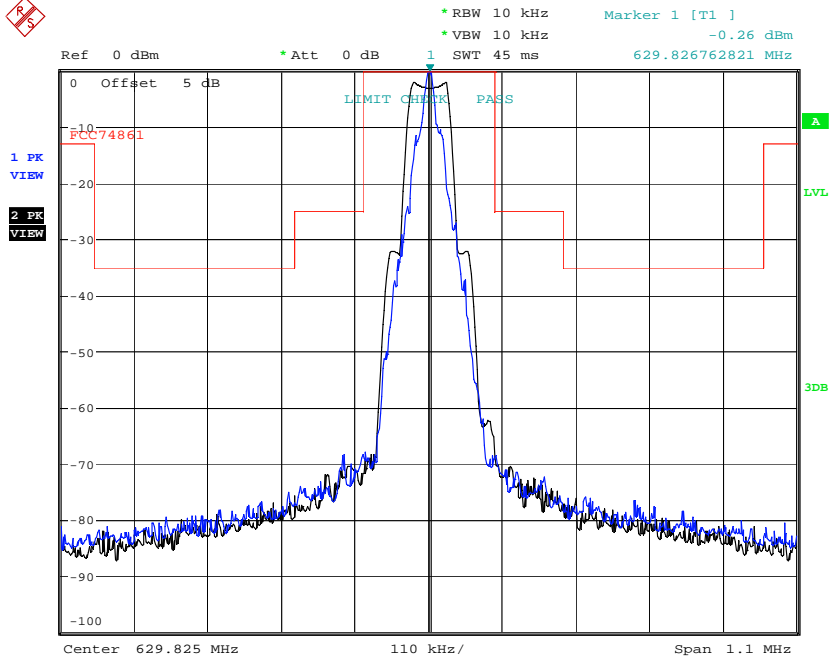
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# Worldwide Testing Services(Taiwan) Co., Ltd.

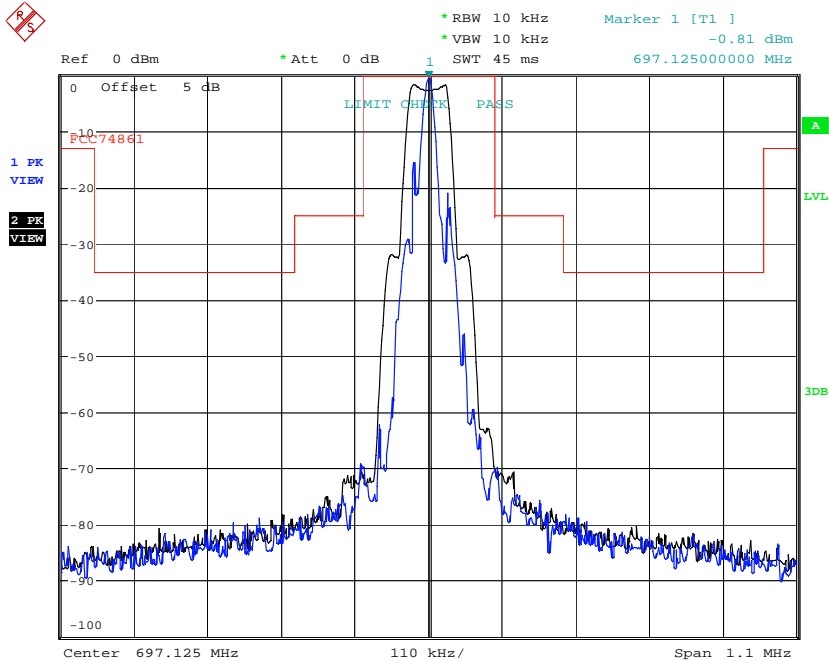
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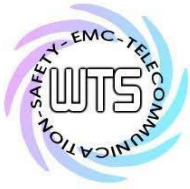
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Date: 16.OCT.2014 14:29:18



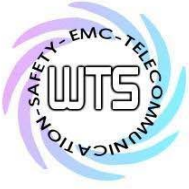
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

## External Photos





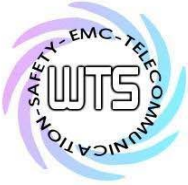
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE



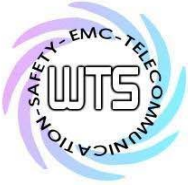




# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
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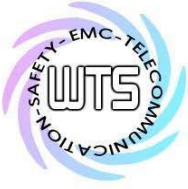




# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1  
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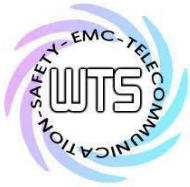




# Worldwide Testing Services(Taiwan) Co., Ltd.

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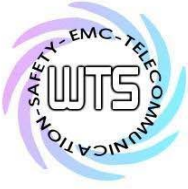
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

## Internal Photos

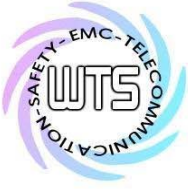




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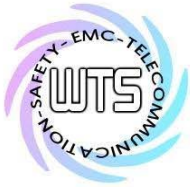




# Worldwide Testing Services(Taiwan) Co., Ltd.

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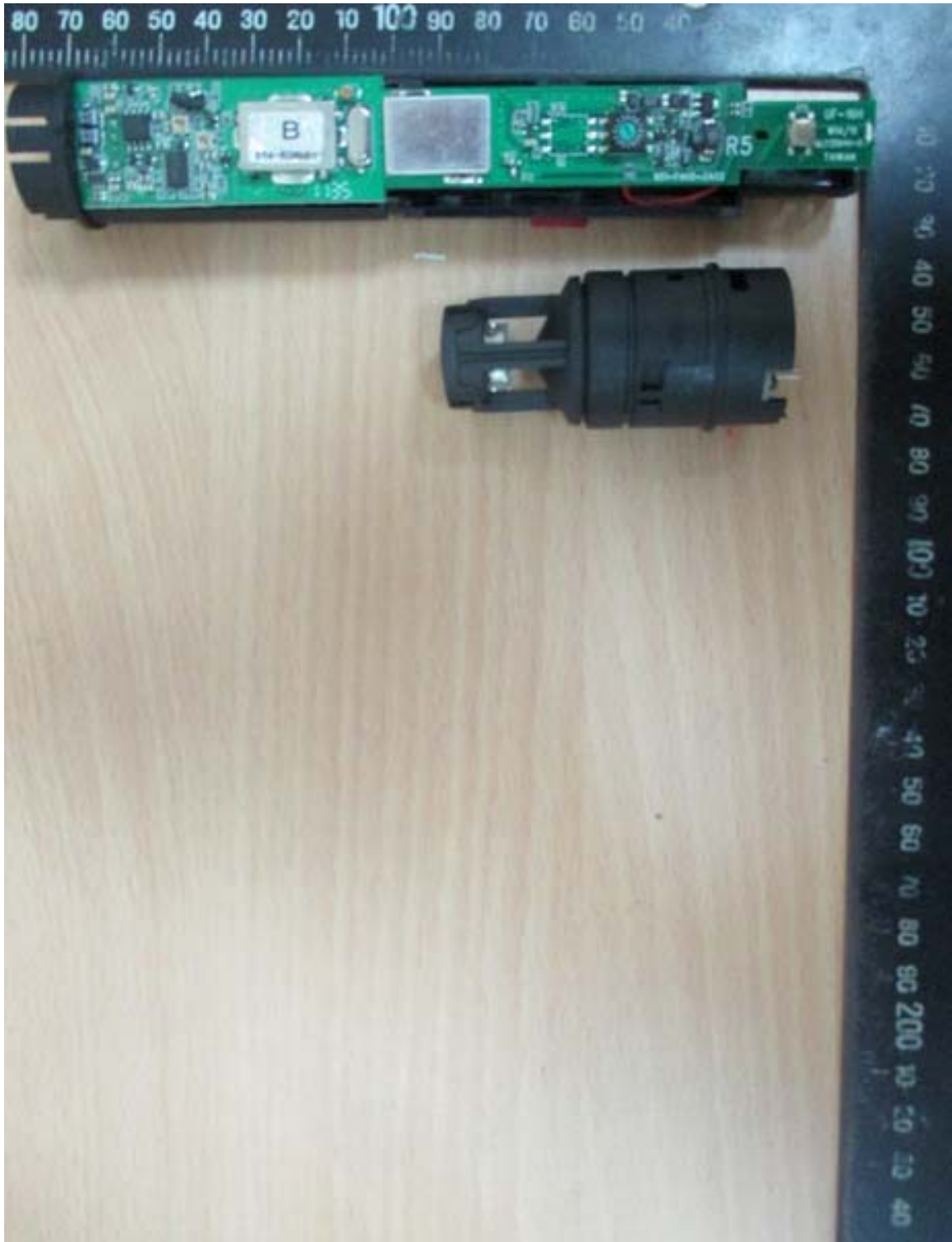


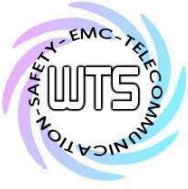


# Worldwide Testing Services(Taiwan) Co., Ltd.

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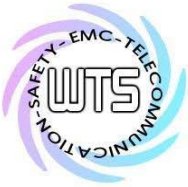


# Worldwide Testing Services(Taiwan) Co., Ltd.

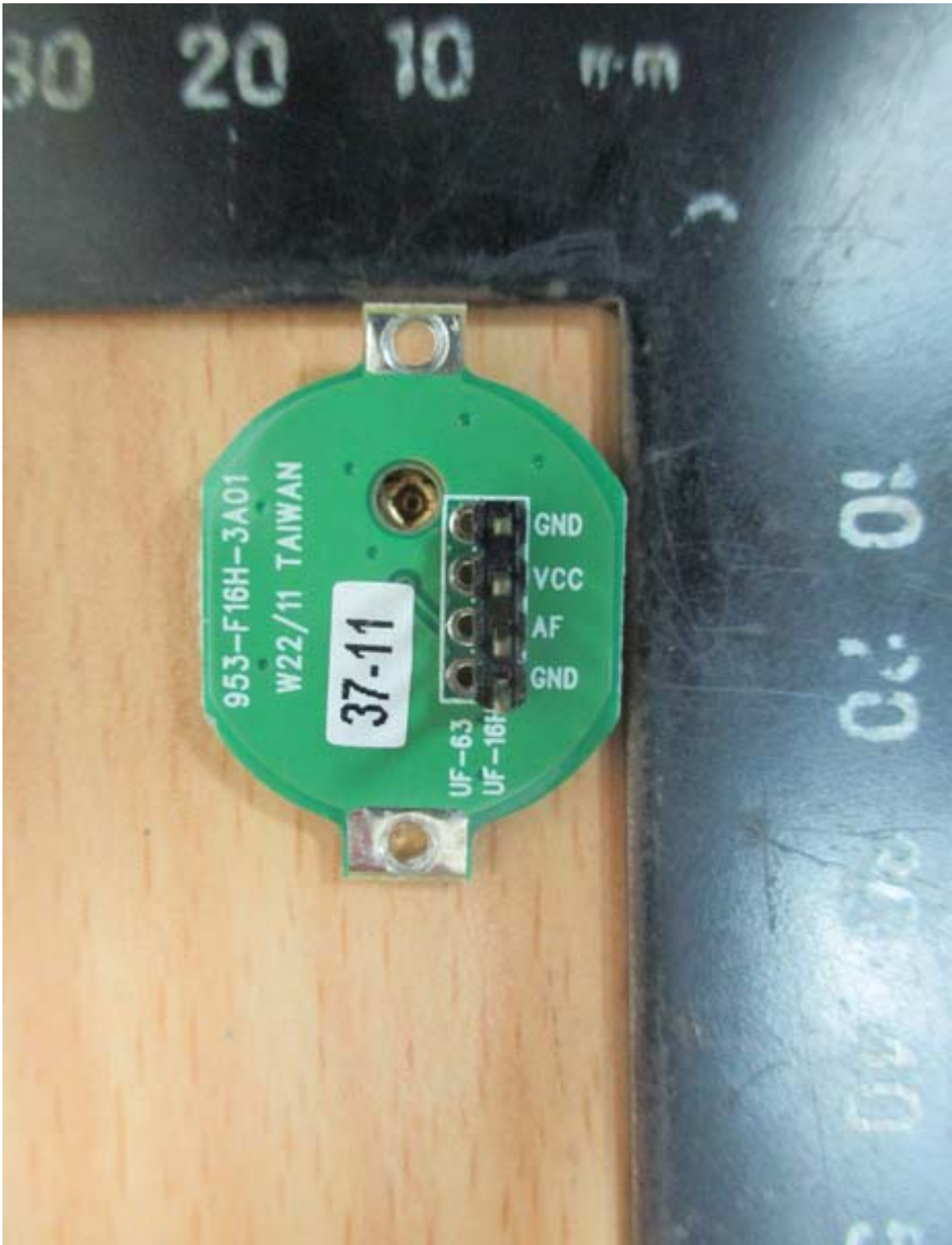
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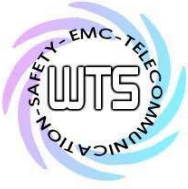






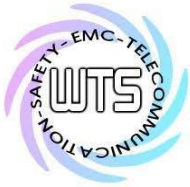
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Registration number: W6M21409-14515-C-1  
FCC ID: JEBUF-16HE





Registration number: W6M21409-14515-C-1

FCC ID: JEBUF-16HE

**Set Up Photo of Radiated Emission**

