

Partial FCC Test Report

Report No.: RF191122C08E-1

FCC ID: UJH-R1LOW

Test Model: R1LOW (refer to item 3.1 for more details)

Received Date: Feb. 17, 2020

Test Date: Mar. 06 ~ Mar. 07, 2020

Issued Date: Jun. 17, 2020

Applicant: Mitsubishi Electric Corporation Sanda Works

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

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FCC Registration / 788550 / TW0003

Designation Number:





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Release Control Record

Issue No.	Description	Date Issued
RF191122C08E-1	Original release	Jun. 17, 2020

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Certificate of Conformity 1

Product: Display Audio

Brand: Mitsubishi Electric

Test Model: R1LOW (refer to item 3.1 for more details)

Sample Status: DV

Applicant: Mitsubishi Electric Corporation Sanda Works

Test Date: Mar. 06 ~ Mar. 07, 2020

Standards: 47 CFR FCC Part 15, Subpart E (Section 15.407)

ANSI C63.10:2013

This report is issued as a supplementary report of RF191122C08C-1. This report shall be used combined together with its original report.

Gina Liu / Specialist

Approved by :

Dylan Chiou / Senior Project Engineer

Note: Radiated Emissions test (Frequency range 30MHz~1GHz) is performed for the addendum. Refer to original report for the other test data.



2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)				
FCC Test Item Result Remarks			Remarks	
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -3.2dB at 54.25MHz.	

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
	9kHz ~ 30MHz	3.04 dB
Radiated Emissions up to 1 GHz	30MHz ~ 200MHz	3.59 dB
	200MHz ~1000MHz	3.60 dB

2.2 Modification Record

There were no modifications required for compliance.



3 General Information

3.1 General Description of EUT

Product	Display Audio	
Brand	Mitsubishi Electric	
Model	R1LOW (refer to note for more details)	
Sample Status	DV	
Power Supply Rating	12.6Vdc	
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK	
Modulation Technology	OFDM	
	802.11a: 54/48/36/24/18/12/9/6Mbps	
Transfer Rate	802.11n: up to 300Mbps	
	802.11ac: up to 867Mbps	
Operating Frequency	5180~5240MHz, 5260~5320MHz, 5500~5700MHz, 5745~5825MHz	
	5180~5240MHz:	
	802.11a, 802.11n (HT20), 802.11ac (VHT20): 4	
	802.11n (HT40), 802.11ac (VHT40): 2	
	802.11ac (VHT80): 1	
	5260~5320MHz:	
	802.11a, 802.11n (HT20), 802.11ac (VHT20): 4	
	802.11n (HT40), 802.11ac (VHT40): 2	
Number of Channel	802.11ac (VHT80): 1	
Number of Chamiler	5500~5700MHz:	
	802.11a, 802.11n (HT20), 802.11ac (VHT20): 11	
	802.11n (HT40), 802.11ac (VHT40): 5	
	802.11ac (VHT80): 2	
	5745~5825MHz:	
	802.11a, 802.11n (HT20), 802.11ac (VHT20): 5	
	802.11n (HT40), 802.11ac (VHT40): 2	
	802.11ac (VHT80): 1	
	5180~5240MHz:	
	For Outdoor Access Point Mode: 4.275mW	
Output Power	For Mobile and Portable client device Mode: 4.275mW	
2 3.15 3.1 0.101	5260~5320MHz: 4.601mW	
	5500~5700MHz: 4.707mW	
	5745~5825MHz: 4.423mW	
Antenna Type	Refer to Note	
Antenna Connector	Refer to Note	
Accessory Device	2m non-shielded DC power cable without core	
Cable Supplied	0.5m shielded USB cable with 2 cores	



Note:

1. This report is prepared for FCC class II permissive change. This report is issued as a supplementary report of BV CPS report no.: RF191122C08C-1. Difference compared with the original report is adding series model. Therefore, Due to no effect on any test item, the original test result was kept.

2. The following models with different panel size are provided to this EUT. (No. 36 is new)

Brand	Model	Description
	R1LOW	No. 12 (Main model) (7" ICS Panel)
		No. 45 (7"n-ICS Panel)
		No. 35 (8.4" Panel and Sirius(GPS))
Mitsubishi Electric		No. 38 (8.4" Panel and DAB/FM2)
		No. 13 (8.4" ICS Panel)
		No. 36 (8.4" AWS Panel): 2USB
	R1LOW-CN1	No.31 (8.4" ICS Panel)

3. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function
802.11a	2TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX
802.11ac (VHT20)	2TX
802.11ac (VHT40)	2TX
802.11ac (VHT80)	2TX

^{*} The modulation and bandwidth are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode, therefore investigated worst case to representative mode in test report. (Final test mode refer section 3.2.1)

4. There two modules are collocated in the EUT.

Module No.		Function		
	1	WLAN 2.4GHz, 5GHz, BT EDR, BT LE (1M)		
	2	BT LE (1M, 2M)		

5. The EUT uses following antennas.

٠	5. The EOT uses following afficilities.				
	Туре	Sheet metal antenna			
	Connecter	RF Receptacle Connector			
	Model	2342059-1		2342059-2	
	Frequency (MHz)	2400-2500	5150-5850	2400-2500	5150-5850
	Gain (dBi)	3	2	1	4



3.2 Description of Test Modes

5180~5240MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210 MHz

5260~5320MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	
58	5290 MHz	



5500~5700MHz:

11 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz		

5 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz		

2 channels are provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	122	5610 MHz

5745~5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

•	, , , , , , , , , , , , , , , , , , , ,	,	
Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz		

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	
155	5775 MHz	



3.2.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE	APPLICABLE TO	DESCRIPTION	
MODE	RE<1G		
А	V	EUT: No. 35	
В	V	EUT: No. 38	

Where RE<1G: Radiated Emission below 1GHz

Note: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane.

Radiated Emission Test (Below 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
		5180-5240	36 to 48	40	OFDM	6.0
4 B	000 44 -	5260-5320	52 to 64		OFDM	6.0
A, B	802.11a	5500-5700	100 to 140		OFDM	6.0
		5745-5825	149 to 165		OFDM	6.0

Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by	
RE<1G	22 deg. C, 68% RH	12.6Vdc	Greg Lin	

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3.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

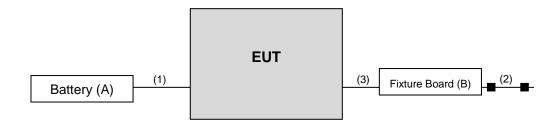
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Battery	YUASA	75D23R-CMF II	NA	NA	-
B.	Fixture Board	NA	NA	NA	NA	Provided by client

Note:

^{1.} All power cords of the above support units are non-shielded (1.8m).

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC power cable	1	2	N	0	Accessory
2.	USB cable	1	0.5	Y	2	Accessory
3.	Harness cable	1	2	N	0	Provided by client

3.3.1 Configuration of System under Test



3.4 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and References:

Test Standard:

FCC Part 15, Subpart E (15.407)

ANSI C63.10:2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 789033 D02 General UNII Test Procedure New Rules v02r01 KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

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4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.
- 3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Limito or arrwantoa orme							
Applic	Applicable To			Limit			
789033 D02 Genera	789033 D02 General UNII Test Procedure			Field Strength at 3m			
New Rul	les v0)2r01	PK: 74 (dBµV/m)	AV: 54 (dBμV/m)			
Frequency Band	Applicable To		EIRP Limit	Equivalent Field Strength at 3m			
5150~5250 MHz	15.407(b)(1)						
5250~5350 MHz		15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2(dBµV/m)			
5470~5725 MHz		15.407(b)(3)					
5725~5850 MHz	15.407(b)(4)(i)		PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK: 105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK: 122.2 (dBμV/m) *4			
		15.407(b)(4)(ii)	Emission limits in section 15.247(d)				

^{*1} beyond 75 MHz or more above of the band edge.

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$
 µV/m, where P is the eirp (Watts).

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^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date Of Calibration	Due Date Of Calibration
Test Receiver KEYSIGHT	N9038A	MY55420137	Apr. 15, 2019	Apr. 14, 2020
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Jun. 12, 2019	Jun. 11, 2020
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	Nov. 07, 2019	Nov. 06, 2020
Preamplifier Agilent (Below 1GHz)	8447D	2944A10638	Jul. 11, 2019	Jul. 10, 2020
RF signal cable Woken	8D-FB	Cable-CH9-01	Jul. 30, 2019	Jul. 29, 2020
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA	NA
Turn Table EMCO	2087-2.03	NA	NA	NA
Antenna Tower &Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The test was performed in HwaYa Chamber 9.



4.1.3 Test Procedures

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasipeak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
- 3. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

No deviation.

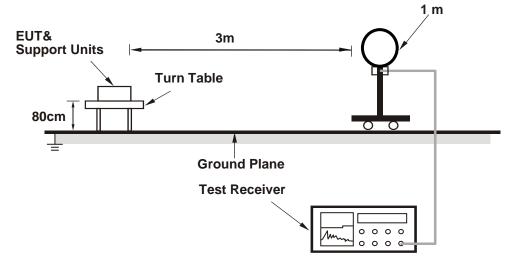
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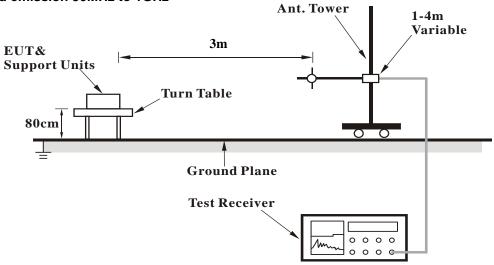


4.1.5 Test Setup

For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



4.1.6 EUT Operating Conditions

a. Set the EUT under transmission condition continuously at specific channel frequency.

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4.1.7 Test Results

Below 1GHz worst-case data:

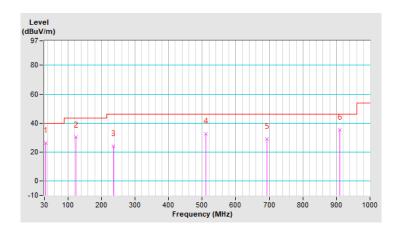
802.11a

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz	TEST MODE	A

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	33.88	26.2 QP	40.0	-13.8	1.50 H	122	37.5	-11.3	
2	123.12	30.1 QP	43.5	-13.4	1.00 H	291	41.4	-11.3	
3	234.67	24.2 QP	46.0	-21.8	1.00 H	256	35.2	-11.0	
4	510.15	32.5 QP	46.0	-13.5	1.25 H	8	36.0	-3.5	
5	692.51	29.1 QP	46.0	-16.9	1.00 H	34	29.8	-0.7	
6	909.79	35.2 QP	46.0	-10.8	1.25 H	316	31.4	3.8	

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
- 4. Margin value = Emission Level Limit value
- 5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



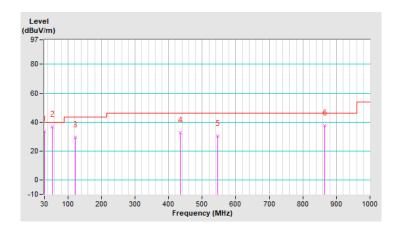


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz	TEST MODE	А

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	30.00	33.4 QP	40.0	-6.6	1.00 V	166	44.7	-11.3	
2	54.25	36.8 QP	40.0	-3.2	1.25 V	286	46.7	-9.9	
3	122.15	29.5 QP	43.5	-14.0	1.50 V	176	41.0	-11.5	
4	434.49	32.4 QP	46.0	-13.6	1.50 V	11	37.2	-4.8	
5	546.04	30.5 QP	46.0	-15.5	1.25 V	339	33.4	-2.9	
6	864.20	37.4 QP	46.0	-8.6	1.00 V	13	34.9	2.5	

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
- 4. Margin value = Emission Level Limit value
- 5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



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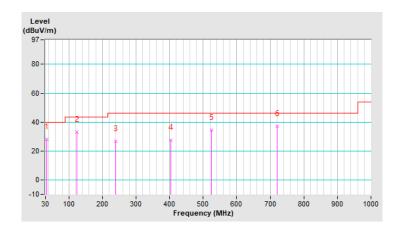


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz	TEST MODE	В

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	33.88	28.2 QP	40.0	-11.8	1.25 H	117	39.5	-11.3	
2	124.09	33.1 QP	43.5	-10.4	1.00 H	117	44.3	-11.2	
3	239.52	26.8 QP	46.0	-19.2	1.50 H	205	37.3	-10.5	
4	404.42	27.8 QP	46.0	-18.2	1.25 H	205	33.5	-5.7	
5	525.67	34.3 QP	46.0	-11.7	1.00 H	189	37.6	-3.3	
6	719.67	37.3 QP	46.0	-8.7	1.25 H	224	37.6	-0.3	

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
- 4. Margin value = Emission Level Limit value
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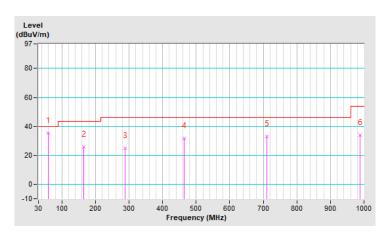


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz	TEST MODE	В

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	59.10	35.2 QP	40.0	-4.8	1.00 V	4	45.2	-10.0
2	165.80	25.8 QP	43.5	-17.7	1.50 V	325	35.0	-9.2
3	288.02	24.9 QP	46.0	-21.1	1.00 V	305	33.1	-8.2
4	463.59	31.6 QP	46.0	-14.4	1.00 V	151	35.8	-4.2
5	710.94	33.2 QP	46.0	-12.8	1.25 V	339	33.6	-0.4
6	987.39	34.2 QP	54.0	-19.8	1.00 V	203	29.3	4.9

Remarks:

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
- 4. Margin value = Emission Level Limit value
- 5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.





5 Pictures of Test Arrangements
Please refer to the attached file (Test Setup Photo).

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Appendix - Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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