

TEST REPORT

(Co-Located)

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Report No.: RFBHJR-WTW-P22080863-2

FCC ID: ACJ932A-TA220

Product: Toyota Trailer Camera ECU

Brand: Panasonic

Model No.: TA-220-TUND-MI

Received Date: 2022/8/25 Test Date: 2022/9/21

Issued Date: 2022/12/9

Applicant: Panasonic Corporation of North America

Address: Two Riverfront Plaza, 9th Floor Newark New Jersey United States 07102-5490

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

Lin Kou Laboratories

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FCC Registration / 198487 / TW2021

Designation Number:

Approved by: _______ even / Lin _____ , Date: ____

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Prepared by: Annie Chang / Senior Specialist

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Table of Contents

R	eleas	se Control Record	3
1		Certificate	4
2		Summary of Test Results	5
	2.1 2.2	Measurement Uncertainty	
3		General Information	6
	3.1 3.2 3.3 3.4 3.5 3.6 3.7	General Description	6 8 9
4		Test Instruments	10
	4.1 4.2	Unwanted Emissions below 1 GHzUnwanted Emissions above 1 GHz	
5		Limits of Test Items	12
	5.1 5.2	Unwanted Emissions below 1 GHz	
6		Test Arrangements	13
	6.1 6.1.2 6.2 6.2.1 6.2.2	2 Test Procedure	13 14 15
7		Test Results of Test Item	16
	7.1 7.2	Unwanted Emissions below 1 GHz	
8		Pictures of Test Arrangements	
9		Information of the Testing Laboratories	20



Release Control Record

Issue No.	Description	Date Issued
RFBHJR-WTW-P22080863-2	Original release.	2022/12/9

Report No.: RFBHJR-WTW-P22080863-2 Page No. 3 / 20 Reference No.: BHJR-WTW-P22080863 Page No. 3 / 20



1 Certificate

Product: Toyota Trailer Camera ECU

Brand: Panasonic

Test Model: TA-220-TUND-MI

Sample Status: Engineering sample

Applicant: Panasonic Corporation of North America

Test Date: 2022/9/21

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Measurement ANSI C63.10-2013

procedure: KDB 558074 D01 15.247 Meas Guidance v05r02

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.



2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247)								
Standard / Clause	Test Item	Result	Remark					
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -9.4 dB at 31.70 MHz					
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -1.0 dB at 7320.00 MHz					

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	Specification	Expanded Uncertainty (k=2) (±)	
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	2.38 dB	
Offwanted Emissions below 1 GHZ	30 MHz ~ 1 GHz	5.62 dB	
	1 GHz ~ 6 GHz	4.61 dB	
Unwanted Emissions above 1 GHz	6 GHz ~ 18 GHz	5.41 dB	
	18 GHz ~ 40 GHz	5.14 dB	

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

Report No.: RFBHJR-WTW-P22080863-2 Reference No.: BHJR-WTW-P22080863



3 General Information

3.1 General Description

Product	Toyota Trailer C	Toyota Trailer Camera ECU				
Brand	Panasonic	Panasonic				
Test Model	TA-220-TUND-N	Л				
Status of EUT	Engineering san	nple				
Power Supply Rating	12Vdc					
Modulation Type	WLAN 2.4GHz	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM				
,	BT LE	GFSK				
Mad lada Tabada	WLAN 2.4GHz	DSSS, OFDM				
Modulation Technology	BT LE	DTS				
Transfer Rate	WLAN 2.4GHz	Up to 54 Mbps				
Transier Nate	BT LE	Up to 1 Mbps				
O	WLAN 2.4GHz	2.412 GHz ~ 2.462 GHz				
Operating Frequency	BT LE	2.402 GHz ~ 2.48 GHz				
Number of Channel	WLAN 2.4GHz	802.11b, 802.11g: 11				
Number of Channel	BT LE	40				
Output Bower	WLAN 2.4GHz	986.279 mW (29.94 dBm)				
Output Power	BT LE	52.845 mW (17.23 dBm)				

Note:

- 1. There are Bluetooth and WLAN 2.4 GHz technology used for the EUT.
- 2. Bluetooth and WLAN 2.4 GHz technology can transmit at same time.
- 3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.		Gain (dBi)	Antenna Type	Connector Type	Remark
Ob all a 4	BT LE	3.86	Sharkfin	Coaxial	=
Chain 1	WLAN	4.20	Sharkfin	Coaxial	1TV Divorcity
Chain 2	WLAN	4.61	Sharkfin	Coaxial	1TX Diversity

^{*} Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

2. The EUT incorporates a SISO function:

Modulation Mode	TX & RX Configuration				
802.11b	1TX 1RX				
802.11g	1TX	1RX			

Report No.: RFBHJR-WTW-P22080863-2 Page No. 6 / 20 Report Format Version: 7.1.0



3.3 Channel List

For WLAN:

11 channels are provided for 802.11b, 802.11g:

Channel	Frequency	Channel	Frequency
1	2412 MHz	7	2442 MHz
2	2417 MHz	8	2447 MHz
3	2422 MHz	9	2452 MHz
4	2427 MHz	10	2457 MHz
5	2432 MHz	11	2462 MHz
6	2437 MHz		

For BT LE:

40 channels are provided for BT-LE:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480



Test Mode Applicability and Tested Channel Detail 3.4

Pre-Scan.	The module setting of Wifi is Diversity. Pre-scan Chain0 / Chain1 and find the worst case as a representative test condition.
Worst Case:	Chain1 / Chain2 Worst Condition: Chain2 is the worse case

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

cliewing chaincile) was (were) selected for the final test as listed below:								
Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter				
Unwanted Emissions below 1	802.11g	6	BPSK	6Mb/s				
GHz	BT-LE 1M	19	GFSK	1Mb/s				
Unwanted Emissions above 1	802.11g	6	BPSK	6Mb/s				
GHz	BT-LE 1M	19	GFSK	1Mb/s				

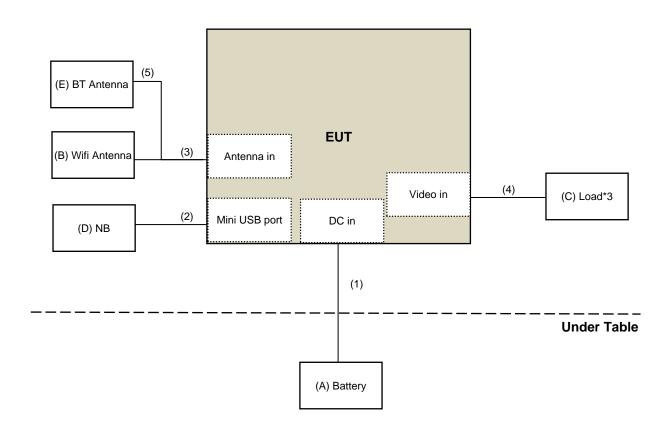
Report No.: RFBHJR-WTW-P22080863-2 Reference No.: BHJR-WTW-P22080863 Page No. 8 / 20 Report Format Version: 7.1.0



3.5 Test Program Used and Operation Descriptions

Controlling software (DutApiMimoApApp) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.6 Connection Diagram of EUT and Peripheral Devices



3.7 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
Α	Battery	GS	60044-MFZ	N/A	N/A	Provided by Lab
В	Wifi Antenna	Yokowo	VZ-003900	N/A	N/A	Supplied by applicant
С	Load*3	N/A	N/A	N/A	N/A	Supplied by applicant
D	NB	Lenovo	IdeaPad 5 15ITL05	N/A	N/A	Provided by Lab
Е	BT Antenna	Yokowo	VZ-003902	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks	
1	DC Cable	1	2.1	N	0	Supplied by applicant	
2	Mini to USB to A cable	1	1	Υ	0	Provided by Lab	
3	WIFI Antenna Cable	2	2.2	Υ	0	Supplied by applicant	
4	Video Cable	3	1	N	0	Supplied by applicant	
5	BT Antenna Cable	1	3.2	Υ	0	Supplied by applicant	

Report No.: RFBHJR-WTW-P22080863-2 Reference No.: BHJR-WTW-P22080863



4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
* LOOP ANTENNA EMCI	LPA600	270	2021/9/2	2023/9/1
Bi_Log Antenna Schwarzbeck	VULB 9168	137	2021/10/27	2022/10/26
Coupling/Dcoupling Network	CDNE-M2	00097	2022/6/1	2023/5/31
Schwarzbeck	CDNE-M3	00091	2022/6/1	2023/5/31
Pre_Amplifier EMCI	EMC001340	980269	2022/6/28	2023/6/27
Pre_Amplifier HP	8447D	2432A03504	2022/2/17	2023/2/16
RF Coaxial Cable Pacific	8D-FB	Cable-CH6-02	2022/6/30	2023/6/29
Software BVADT	Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	101544	2022/5/9	2023/5/8
Test Receiver	NOOOOA	MY51210129	2022/4/8	2023/4/7
Agilent	N9038A	MY51210137	2022/6/9	2023/6/8
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT	TT100	0306	N/A	N/A

Notes:

- 1. * The calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA
- 2. The test was performed in Linkou 966 Chamber 6 (CH 6).
- 3. Tested Date: 2022/9/21

Report No.: RFBHJR-WTW-P22080863-2 Reference No.: BHJR-WTW-P22080863

Page No. 10 / 20



4.2 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Band Pass Filter MICRO-TRONICS	BRM17690	005	2022/5/26	2023/5/25
Boresight antenna tower fixture BV	BAF-02	6	N/A	N/A
High Pass Filter Wainwright Instruments	WHK 3.1/18G-10SS	SN 8	2022/5/26	2023/5/25
Horn Antenna EMCO	3115	00027024 00028257	2021/11/14	2022/11/13 2022/11/13
Horn Antenna ETS-Lindgren	3117-PA	00215857	2021/11/14	2022/11/13
Horn Antenna Schwarzbeck	BBHA 9170	212	2021/10/13	2022/10/12
Notch Filter MICRO-TRONICS	BRC50703-01	010	2022/5/26	2023/5/25
Pre-amplifier HP	8449B	3008A01201	2022/2/17	2023/2/16
Pre-amplifier (18GHz-40GHz) EMCI	EMC184045B	980175	2022/9/3	2023/9/2
Pre_Amplifier	EMC0126545	980076	2022/2/17	2023/2/16
EMCI	EMC184045B	EMC184045B 980235		2023/2/16
RF Coaxial Cable EM	EM102-KMKM-3.5+1M	EM102-KMKM-3.5+1M-01	2022/7/7	2023/7/6
RF Coaxial Cable HUBER SUHNER	SF-104	Cable-CH6-01	2022/7/7	2023/7/6
Software BVADT	Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Agilent	E4446A	MY51100009	2022/6/27	2023/6/26
Spectrum Analyzer KEYSIGHT	N9030A	MY54490260	2022/7/14	2023/7/13
Spectrum Analyzer	FCV/40	101042	2022/9/5	2023/9/4
R&S	FSV40	101544	2022/5/9	2023/5/8
Test Receiver	NIOOSOA	MY51210129	2022/4/8	2023/4/7
Agilent	N9038A	MY51210137	2022/6/9	2023/6/8
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT Notes:	TT100	0306	N/A	N/A

Notes:

- 1. The test was performed in Linkou 966 Chamber 6 (CH 6).
- 2. Tested Date: 2022/9/16 ~ 2022/9/17



5 **Limits of Test Items**

Unwanted Emissions below 1 GHz 5.1

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

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

Notes:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.2 **Unwanted Emissions above 1 GHz**

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

- 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 1000 MHz, 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 20 dB under any condition of modulation.

Report No.: RFBHJR-WTW-P22080863-2 Page No. 12 / 20 Report Format Version: 7.1.0

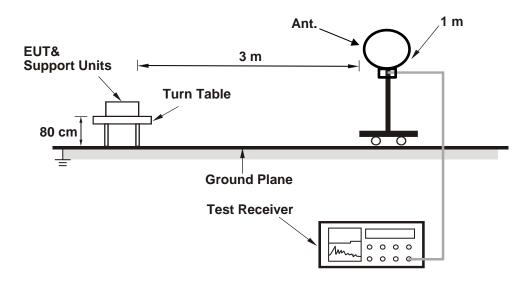


6 Test Arrangements

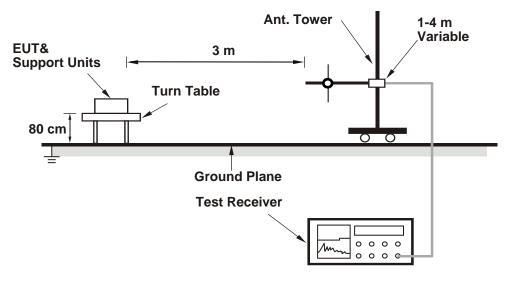
6.1 Unwanted Emissions below 1 GHz

6.1.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).



6.1.2 Test Procedure

For Radiated emission below 30 MHz

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a b. variable-height antenna tower.
- Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement. C.
- For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 d. 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 e Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
- 2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
- 3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

- The EUT was placed on the top of a rotating table 0.8 meters 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.
- 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.

Notes:

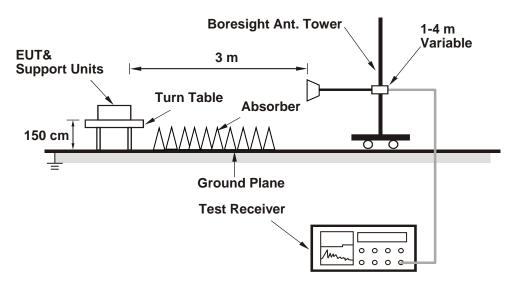
- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
- 2. All modes of operation were investigated and the worst-case emissions are reported.

Report No.: RFBHJR-WTW-P22080863-2 Page No. 14 / 20 Report Format Version: 7.1.0



6.2 Unwanted Emissions above 1 GHz

6.2.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

- a. The EUT was placed on the top of a rotating table 1.5 meters 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 peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- 1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- 2. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10 Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1 GHz.
- 3. All modes of operation were investigated and the worst-case emissions are reported.

Report No.: RFBHJR-WTW-P22080863-2 Page No. 15 / 20 Report Format Version: 7.1.0



Report Format Version: 7.1.0

Test Results of Test Item 7

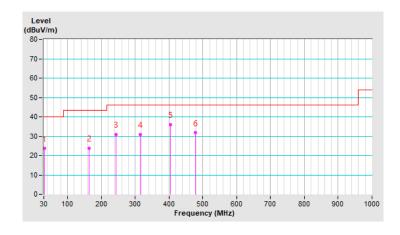
7.1 **Unwanted Emissions below 1 GHz**

RF Mode	802.11g + BTLE	Channel	CH 6: 2437 MHz + CH 39: 2440 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	12 Vdc	Environmental Conditions	20°C, 70% RH
Tested By	Ian Chang		

	Antenna Polarity & Test Distance : Horizontal at 3 m									
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)		
1	32.20	23.6 QP	40.0	-16.4	1.25 H	235	34.0	-10.4		
2	164.80	23.8 QP	43.5	-19.7	1.68 H	229	32.1	-8.3		
3	243.62	30.8 QP	46.0	-15.2	1.89 H	147	39.3	-8.5		
4	316.00	30.8 QP	46.0	-15.2	1.25 H	220	36.1	-5.3		
5	403.51	35.9 QP	46.0	-10.1	1.69 H	36	39.6	-3.7		
6	478.20	31.7 QP	46.0	-14.3	2.95 H	183	33.6	-1.9		

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. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Report No.: RFBHJR-WTW-P22080863-2 Page No. 16 / 20

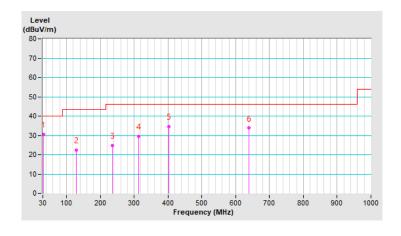


			VERITAS
RF Mode	802.11g + BTLE	Channel	CH 6: 2437 MHz + CH 39: 2440 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	12 Vdc	Environmental Conditions	20°C, 70% RH
Tested By	Ian Chang		

	Antenna Polarity & Test Distance : Vertical at 3 m									
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)		
1	31.70	30.6 QP	40.0	-9.4	1.85 V	295	41.1	-10.5		
2	128.50	22.3 QP	43.5	-21.2	1.27 V	287	32.1	-9.8		
3	235.34	24.8 QP	46.0	-21.2	2.38 V	41	34.2	-9.4		
4	314.00	29.6 QP	46.0	-16.4	2.68 V	341	35.1	-5.5		
5	402.10	34.5 QP	46.0	-11.5	3.18 V	157	38.1	-3.6		
6	639.51	33.8 QP	46.0	-12.2	2.15 V	229	31.7	2.1		

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. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Report No.: RFBHJR-WTW-P22080863-2 Reference No.: BHJR-WTW-P22080863 Page No. 17 / 20

Report Format Version: 7.1.0



7.2 Unwanted Emissions above 1 GHz

RF Mode	802.11g + BTLE	Channel	CH 6: 2437 MHz + CH 39: 2440 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 kHz (802.11g) (AV) RB = 1 MHz, VB = 3 kHz (BT LE)
Input Power	12 Vdc	Environmental Conditions	25°C, 68% RH
Tested By	lan Chang		

	Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)	
1	2483.50	58.5 PK	74.0	-15.5	2.69 H	68	59.7	-1.2	
2	2483.50	50.2 AV	54.0	-3.8	2.69 H	68	51.4	-1.2	
3	4874.00	49.6 PK	74.0	-24.4	3.26 H	180	42.8	6.8	
4	4874.00	38.9 AV	54.0	-15.1	3.26 H	180	32.1	6.8	
5	4880.00	47.3 PK	74.0	-26.7	2.36 H	78	40.5	6.8	
6	4880.00	39.9 AV	54.0	-14.1	2.36 H	78	33.1	6.8	
7	7320.00	57.5 PK	74.0	-16.5	1.19 H	138	45.4	12.1	
8	7320.00	51.1 AV	54.0	-2.9	1.19 H	138	39.0	12.1	
			Antenna Pola	rity & Test Dis	stance : Vertic	al at 3 m			
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)	
1	2483.50	61.2 PK	74.0	-12.8	2.86 V	154	62.4	-1.2	
2	2483.50	52.9 AV	54.0	-1.1	2.86 V	154	54.1	-1.2	
3	4874.00	50.3 PK	74.0	-23.7	1.85 V	303	43.5	6.8	
4	4874.00	39.3 AV	54.0	-14.7	1.85 V	303	32.5	6.8	
5	4880.00	48.3 PK	74.0	-25.7	1.54 V	132	41.5	6.8	
6	4880.00	40.5 AV	54.0	-13.5	1.54 V	132	33.7	6.8	
7	7320.00	59.2 PK	74.0	-14.8	1.12 V	134	47.1	12.1	
8	7320.00	53.0 AV	54.0	-1.0	1.12 V	134	40.9	12.1	

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. Margin value = Emission Level Limit value
- 4. The other emission levels were very low against the limit.



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

Report No.: RFBHJR-WTW-P22080863-2 Page No. 19 / 20 Reference No.: BHJR-WTW-P22080863 Page No. 19 / 20



Report Format Version: 7.1.0

9 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 according to ISO/IEC 17025.

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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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Report No.: RFBHJR-WTW-P22080863-2 Page No. 20 / 20
Reference No.: BHJR-WTW-P22080863