

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.249)

Report No.: RFBCKS-WTW-P26050074

FCC ID: NKR-DWSZW

Product: Door/Window Sensor

Brand: ADT

Model No.: DWSZW60R0-01

Received Date: 2026/5/13

Test Date: 2026/5/13 ~ 2026/5/15

Issued Date: 2026/7/13

Applicant: WNC Corporation

Address: 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan

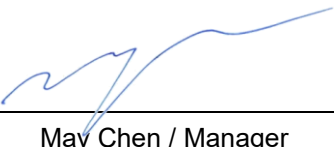
Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

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FCC Registration / 723255 / TW2022

Designation Number:

Approved by:  , **Date:** 2026/7/13
May Chen / Manager

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Prepared by : Claire Kuan / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBCKS-WTW-P26050074	Original release.	2026/7/13

1 Certificate

Product: Door/Window Sensor

Brand: ADT

Test Model: DWSZW60R0-01

Sample Status: Engineering sample

Applicant: WNC Corporation

Test Date: 2026/5/13 ~ 2026/5/15

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.249)

**Measurement
procedure:** ANSI C63.10-2020

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 15.249)			
Standard / Clause	Test Item	Result	Remark
15.207	AC Power Conducted Emissions	N/A	Power supply is from battery.
15.209 / 15.249(a) / 15.249(d)	Radiated Emissions below 1 GHz	Pass	Minimum passing margin is -0.1 dB at 908.40 MHz
15.209 / 15.249(a) / 15.249(d) / 15.249(e)	Radiated Emissions above 1 GHz	Pass	Minimum passing margin is -12.7 dB at 5450.40 MHz
15.215 (c)	20 dB Bandwidth	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	No antenna connector is used.

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) (±)
Radiated Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.4 dB
Radiated Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
20 dB Bandwidth	-	1050.00 Hz

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.

3 General Information

3.1 General Description

Product	Door/Window Sensor
Brand	ADT
Test Model	DWSZW60R0-01
Status of EUT	Engineering sample
Power Supply Rating	3 Vdc from Battery
Modulation Type	FSK, GFSK
Transfer Rate	40 kbps for 908.4 MHz 9.6 kbps for 908.42 MHz 100 kbps for 916 MHz
Operating Frequency	908.4 MHz, 908.42 MHz, 916 MHz
Number of Channel	3
Field Strength Of Fundamental	93.9 dBuV/m at 3 meters

Note:

1. 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 Net Gain(dBi)	Frequency range	Antenna Type	Connector Type
0.35	908-920 MHz	PIFA	none

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

3.3 Channel List

3 channels are provided to this EUT:

Channel	Freq. (MHz)
0	908.4
1	908.42
2	916

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-Y-Z axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. X-Y-Z axis Worst Condition: Z axis

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

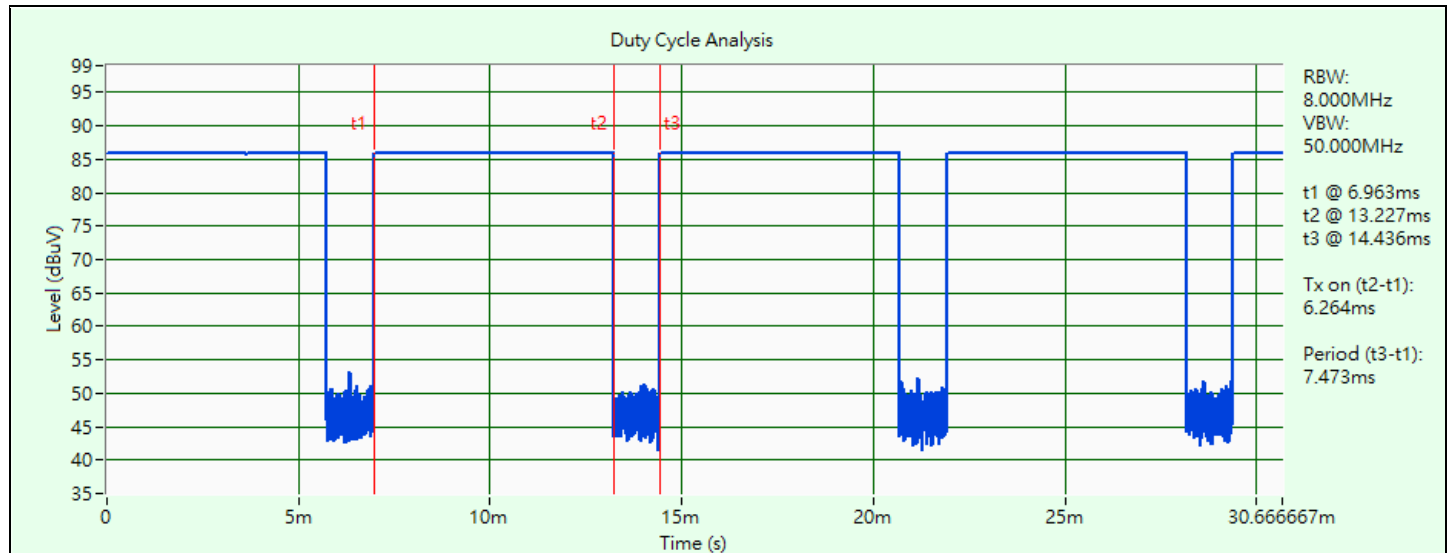
Test Item	Operating Frequency	Modulation Type	Data Rate Parameter
Radiated Emissions below 1 GHz	908.40 MHz	FSK	40 kbit/s
	908.42 MHz	FSK	9.6 kbit/s
	916 MHz	GFSK	100 kbit/s
Radiated Emissions above 1 GHz	908.40 MHz	FSK	40 kbit/s
	908.42 MHz	FSK	9.6 kbit/s
	916 MHz	GFSK	100 kbit/s
20 dB Bandwidth	908.40 MHz	FSK	40 kbit/s
	908.42 MHz	FSK	9.6 kbit/s
	916 MHz	GFSK	100 kbit/s

3.5 Duty Cycle of Test Signal

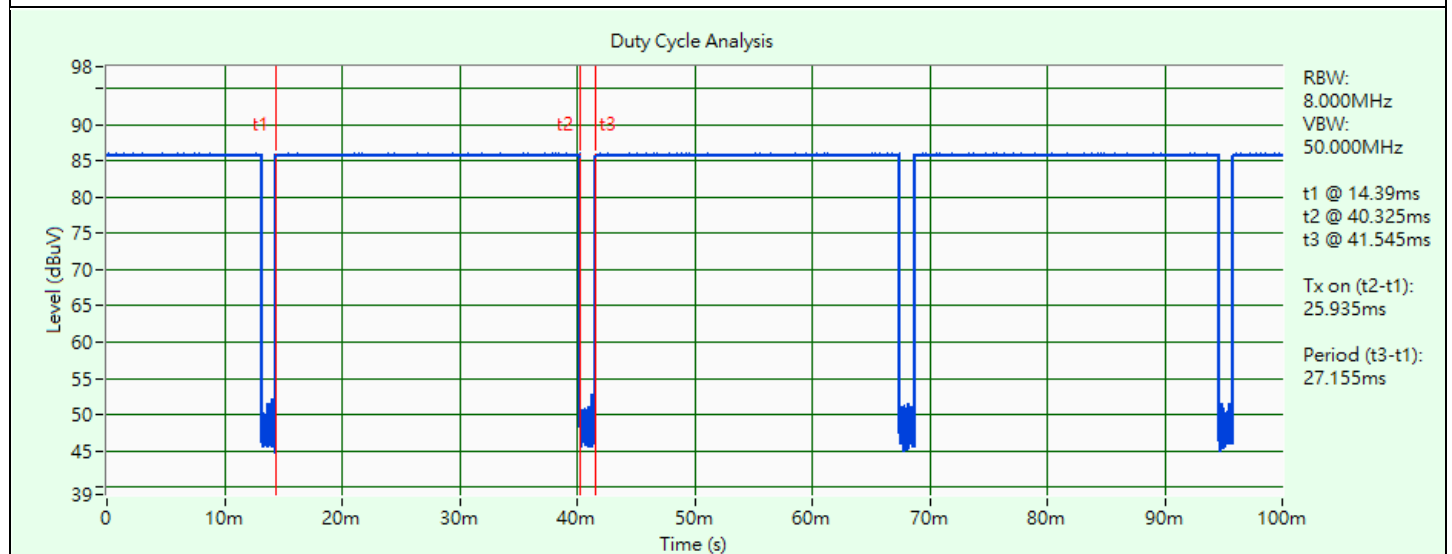
Z-Wave 908.4MHz: Duty cycle = 6.264 ms / 7.473 ms x 100% = 83.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.77 \text{ dB}$

Z-Wave 908.42MHz: Duty cycle = 25.935 ms / 27.155 ms x 100% = 95.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.2 \text{ dB}$

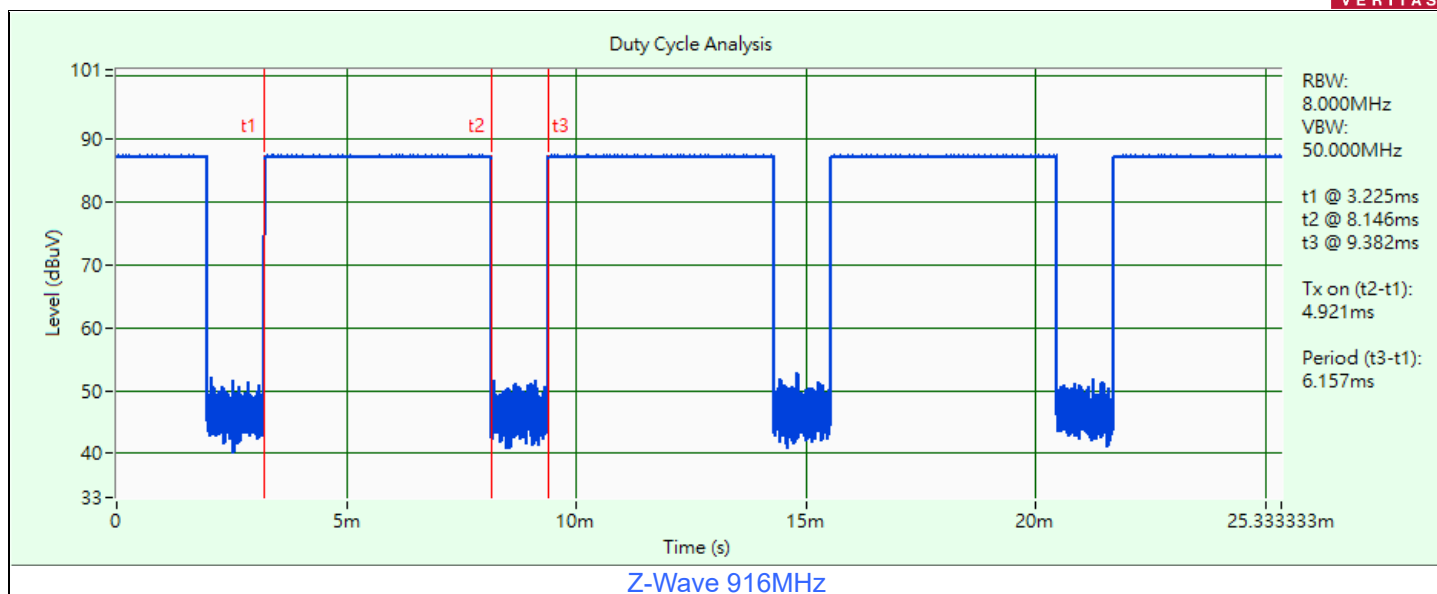
Z-Wave 916MHz: Duty cycle = 4.921 ms / 6.157 ms x 100% = 79.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.97 \text{ dB}$



Z-Wave 908.4MHz



Z-Wave 908.42MHz

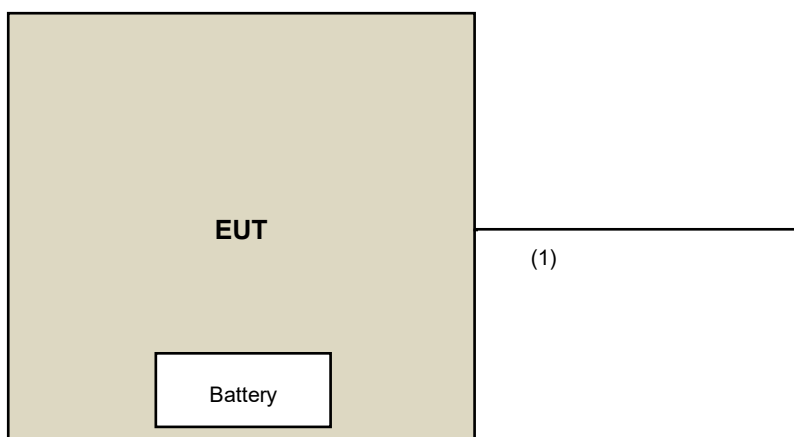


3.6 Test Program Used and Operation Descriptions

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

3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emissions test:



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Consol Cable	1	0.05	NO	0	Supplied by applicant (for RF Setup)

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 Radiated Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-361	2025/9/16	2026/9/15
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Fixed Attenuator Woken	00800N1G01A-05	00800N1G01A-05-003	2026/1/31	2027/1/30
Loop Antenna TESEQ	HLA 6121	63620	2025/10/20	2026/10/19
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5	2026/6/4
Preamplifier EMCI	EMC330N	980852	2026/1/31	2027/1/30
RF Coaxial Cable PEWC	8D	001	2026/1/31	2027/1/30
		966-3-2	2026/1/31	2027/1/30
		966-3-3	2026/1/31	2027/1/30
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/5/13

4.2 Radiated Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-406	2025/11/9	2026/11/8
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5	2026/6/4
Preamplifier EMCI	EMC12630SE	980384	2026/1/10	2027/1/9
RF Coaxial Cable EMCI	EMC104-SM-SM-1500	180504	2026/1/17	2027/1/16
	EMC104-SM-SM-2000	180601	2026/1/17	2027/1/16
	EMC104-SM-SM-6000	210201	2026/1/17	2027/1/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/5/14

4.3 20 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030B	MY57141948	2025/5/20	2026/5/19
Software	ADT_RF Test Software v8.5.6.4	N/A	N/A	N/A

Notes:

1. The test was performed in HC - Oven room 2(Hsinchu).
2. Tested Date: 2026/5/15

5 Limits of Test Items

5.1 Radiated Emissions below 1 GHz

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
902 ~ 928 MHz	50	500

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits as below table, whichever is the lesser attenuation

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	$2400/F(\text{kHz})$	300
0.490 ~ 1.705	$24000/F(\text{kHz})$	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 Radiated Emissions above 1 GHz

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
902 ~ 928 MHz	50	500

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits as below table, whichever is the lesser attenuation

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.

5.3 20 dB Bandwidth

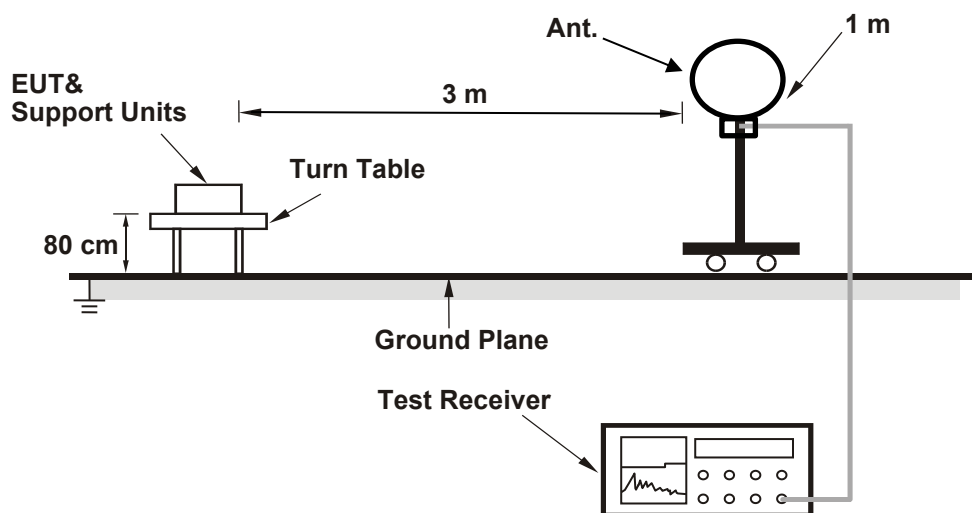
The 20dB bandwidth shall be specified in operating frequency band.

6 Test Arrangements

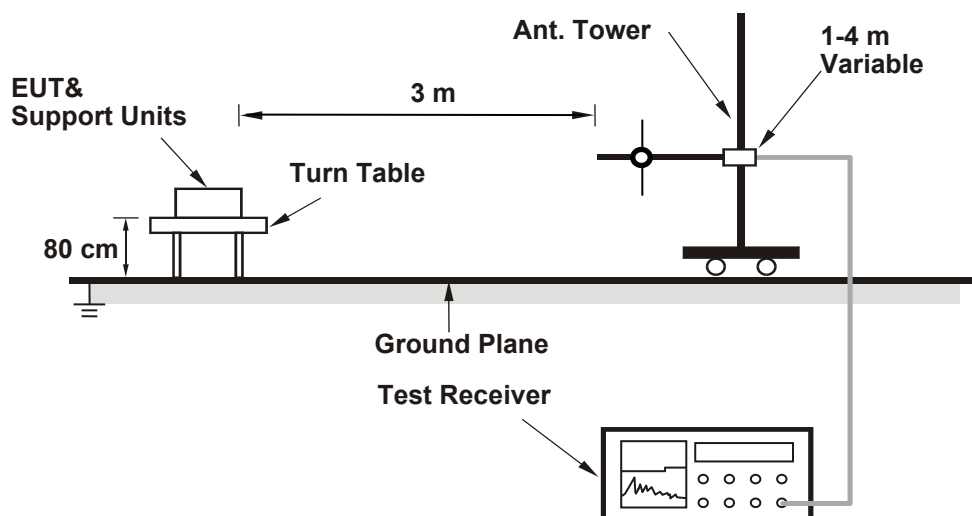
6.1 Radiated Emissions below 1 GHz

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

- a. 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. 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.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode (however, peak detector measurements may be used to determine compliance with QP requirements), 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

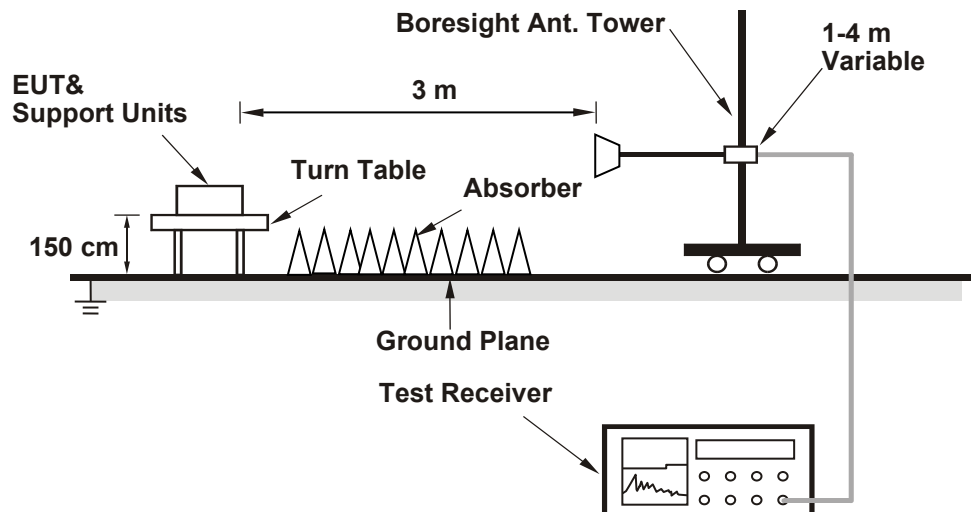
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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.
- e. The test-receiver system was set to Quasi-peak(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequencies less than or equal to 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 (however, peak detector measurements may be used to determine compliance with QP requirements).
2. All modes of operation were investigated and the worst-case emissions are reported.

6.2 Radiated 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

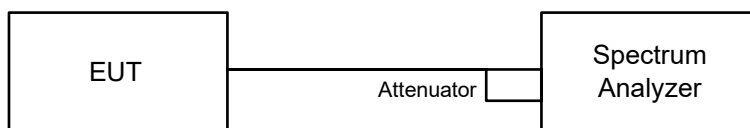
- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.
- 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 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:

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

6.3 20 dB Bandwidth

6.3.1 Test Setup



6.3.2 Test Procedure

Conducted Measurement:

- Set resolution bandwidth (RBW) = 1% to 5% of the OBW.
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

7 Test Results of Test Item

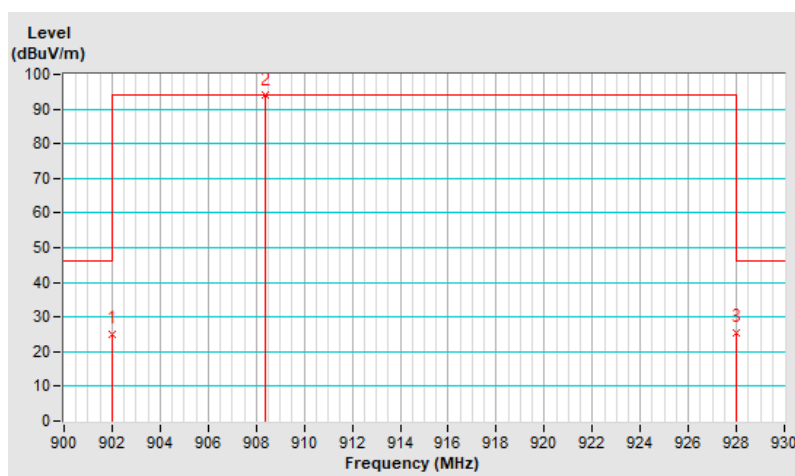
7.1 Radiated Emissions below 1 GHz

RF Mode	Z-Wave	Channel	CH 0 : 908.4 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	25.1 QP	46.0	-20.9	1.63 H	360	25.4	-0.3
2	*908.40	93.9 QP	94.0	-0.1	1.63 H	360	94.1	-0.2
3	928.00	25.3 QP	46.0	-20.7	1.63 H	360	24.9	0.4

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. " * ": Fundamental frequency.

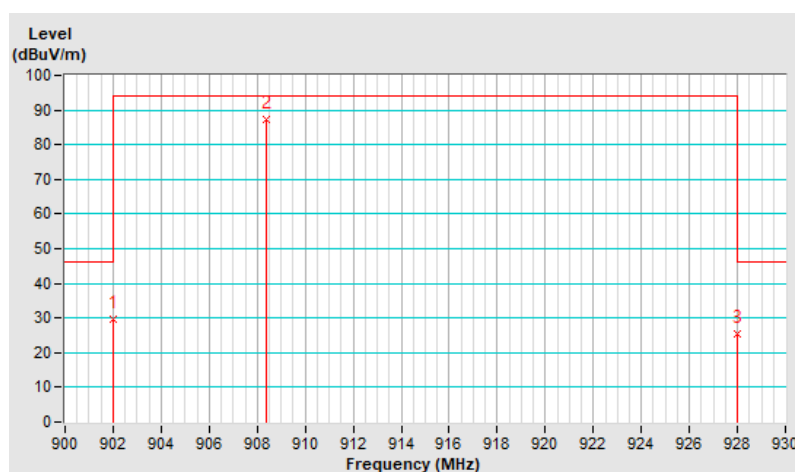


RF Mode	Z-Wave	Channel	CH 0 : 908.4 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	29.8 QP	46.0	-16.2	1.58 V	250	30.1	-0.3
2	*908.40	87.3 QP	94.0	-6.7	1.58 V	250	87.5	-0.2
3	928.00	25.3 QP	46.0	-20.7	1.58 V	360	24.9	0.4

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. " * " : Fundamental frequency.

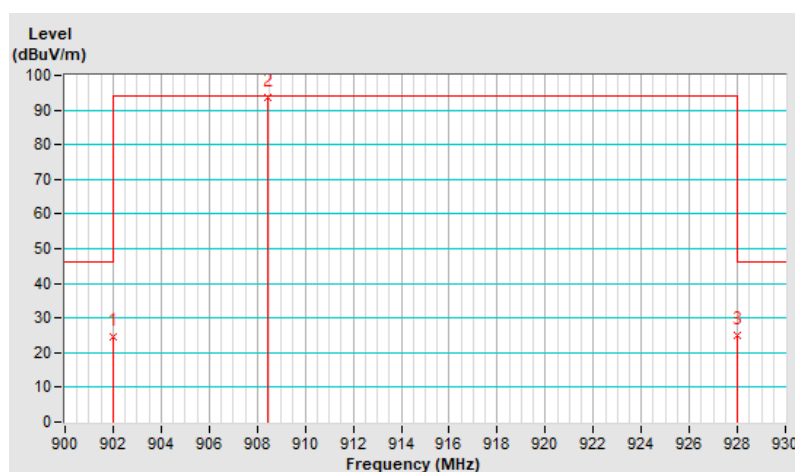


RF Mode	Z-Wave	Channel	CH 1 : 908.42 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	24.5 QP	46.0	-21.5	1.62 H	8	24.8	-0.3
2	*908.42	93.8 QP	94.0	-0.2	1.62 H	8	94.0	-0.2
3	928.00	25.1 QP	46.0	-20.9	1.62 H	360	24.7	0.4

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. " * " : Fundamental frequency.

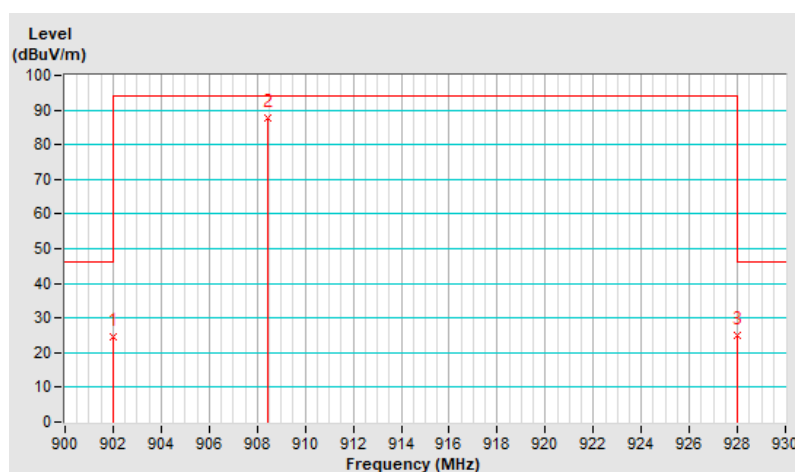


RF Mode	Z-Wave	Channel	CH 1 : 908.42 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	24.7 QP	46.0	-21.3	1.61 V	360	25.0	-0.3
2	*908.42	87.8 QP	94.0	-6.2	1.61 V	252	88.0	-0.2
3	928.00	25.2 QP	46.0	-20.8	1.61 V	252	24.8	0.4

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. " * ": Fundamental frequency.

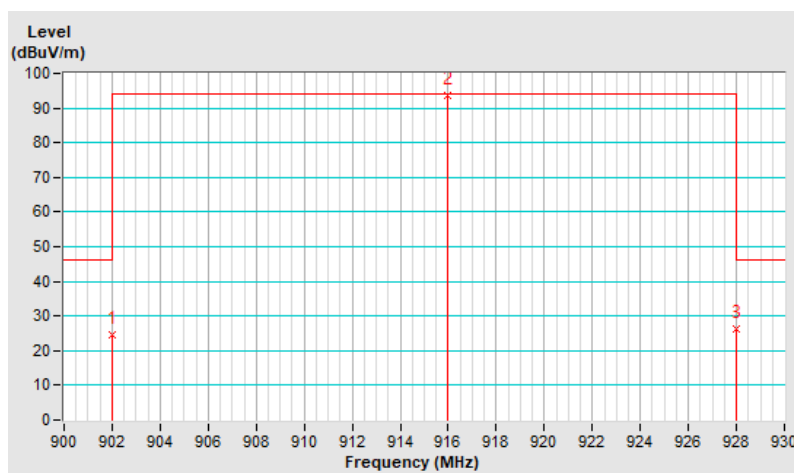


RF Mode	Z-Wave	Channel	CH 2 : 916 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	24.7 QP	46.0	-21.3	1.77 H	348	25.0	-0.3
2	*916.00	93.7 QP	94.0	-0.3	1.77 H	348	93.7	0.0
3	928.00	26.2 QP	46.0	-19.8	1.01 H	360	25.8	0.4

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. " * ": Fundamental frequency.

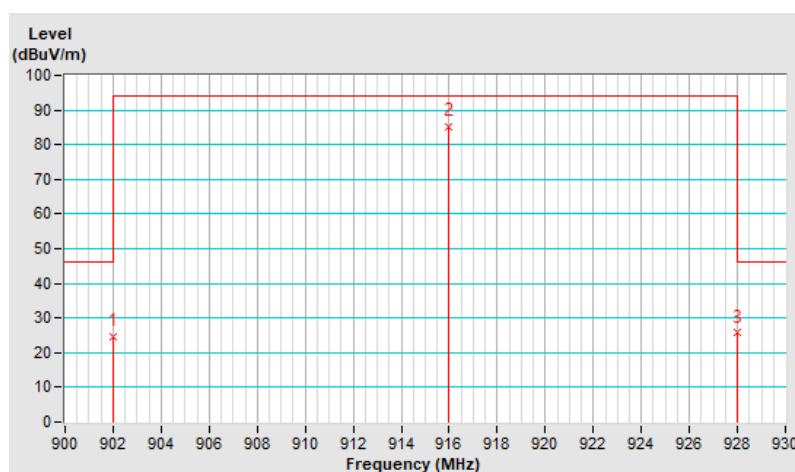


RF Mode	Z-Wave	Channel	CH 2 : 916 MHz
Frequency Range	900 MHz ~ 930 MHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	902.00	24.6 QP	46.0	-21.4	1.64 V	254	24.9	-0.3
2	*916.00	85.3 QP	94.0	-8.7	1.64 V	254	85.3	0.0
3	928.00	25.7 QP	46.0	-20.3	1.64 V	254	25.3	0.4

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. " * " : Fundamental frequency.

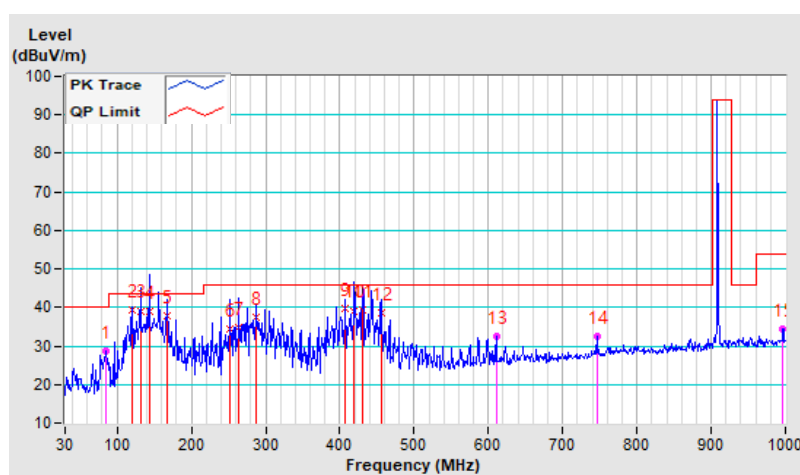


RF Mode	Z-Wave	Channel	CH 0 : 908.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	84.05	28.8 PK	40.0	-11.2	2.00 H	167	47.2	-18.4
2	119.80	39.5 QP	43.5	-4.0	3.00 H	69	54.1	-14.6
3	131.83	39.2 QP	43.5	-4.3	2.00 H	88	52.9	-13.7
4	143.76	39.0 QP	43.5	-4.5	2.00 H	188	51.7	-12.7
5	167.96	37.8 QP	43.5	-5.7	2.00 H	84	50.8	-13.0
6	251.43	34.5 QP	46.0	-11.5	1.00 H	213	48.3	-13.8
7	263.31	34.6 QP	46.0	-11.4	1.00 H	249	48.0	-13.4
8	287.34	37.5 QP	46.0	-8.5	1.00 H	198	49.9	-12.4
9	407.16	39.7 QP	46.0	-6.3	1.00 H	262	48.9	-9.2
10	419.14	39.2 QP	46.0	-6.8	2.00 H	360	48.0	-8.8
11	430.71	39.2 QP	46.0	-6.8	1.00 H	239	47.6	-8.4
12	455.44	38.6 QP	46.0	-7.4	2.00 H	248	46.6	-8.0
13	610.52	32.3 PK	46.0	-13.7	1.00 H	0	37.0	-4.7
14	746.73	32.4 PK	46.0	-13.6	2.00 H	174	34.9	-2.5
15	995.78	34.3 PK	54.0	-19.7	2.00 H	158	33.6	0.7

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.

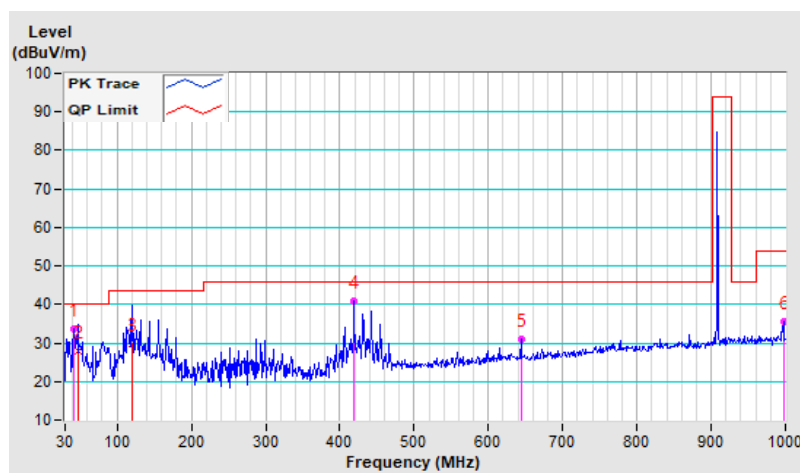


RF Mode	Z-Wave	Channel	CH 0 : 908.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	42.61	33.5 PK	40.0	-6.5	1.00 V	158	46.5	-13.0
2	47.82	28.0 QP	40.0	-12.0	1.00 V	204	40.8	-12.8
3	119.65	29.8 QP	43.5	-13.7	3.00 V	0	44.4	-14.6
4	418.58	40.8 PK	46.0	-5.2	1.00 V	184	49.6	-8.8
5	644.35	31.0 PK	46.0	-15.0	3.00 V	33	35.0	-4.0
6	997.74	35.5 PK	54.0	-18.5	1.00 V	112	34.7	0.8

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.

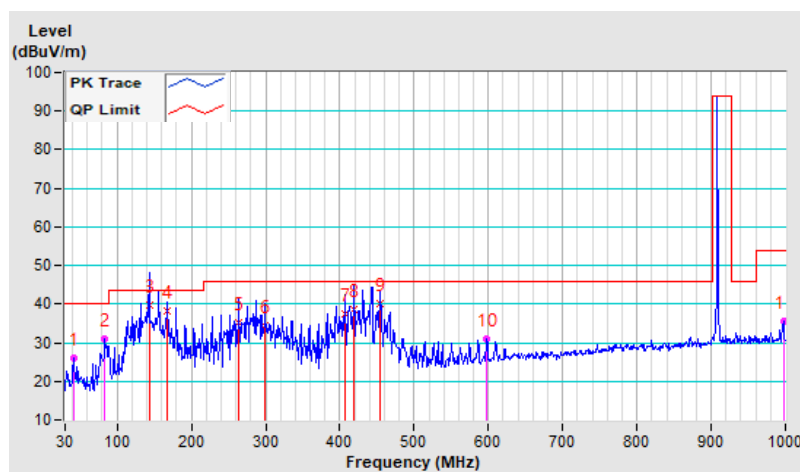


RF Mode	Z-Wave	Channel	CH 1 : 908.42 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	42.20	26.0 PK	40.0	-14.0	1.00 H	360	39.0	-13.0
2	83.83	30.9 PK	40.0	-9.1	2.00 H	216	49.3	-18.4
3	143.49	39.7 QP	43.5	-3.8	2.00 H	60	52.5	-12.8
4	168.03	38.3 QP	43.5	-5.2	2.00 H	360	51.3	-13.0
5	263.12	35.1 QP	46.0	-10.9	1.00 H	83	48.5	-13.4
6	299.47	34.3 QP	46.0	-11.7	1.00 H	180	46.2	-11.9
7	406.70	37.4 QP	46.0	-8.6	1.00 H	279	46.7	-9.3
8	419.02	38.4 QP	46.0	-7.6	3.00 H	360	47.2	-8.8
9	454.88	40.1 QP	46.0	-5.9	2.00 H	252	48.1	-8.0
10	597.60	30.8 PK	46.0	-15.2	1.00 H	0	35.9	-5.1
11	997.74	35.5 PK	54.0	-18.5	2.00 H	149	34.7	0.8

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.

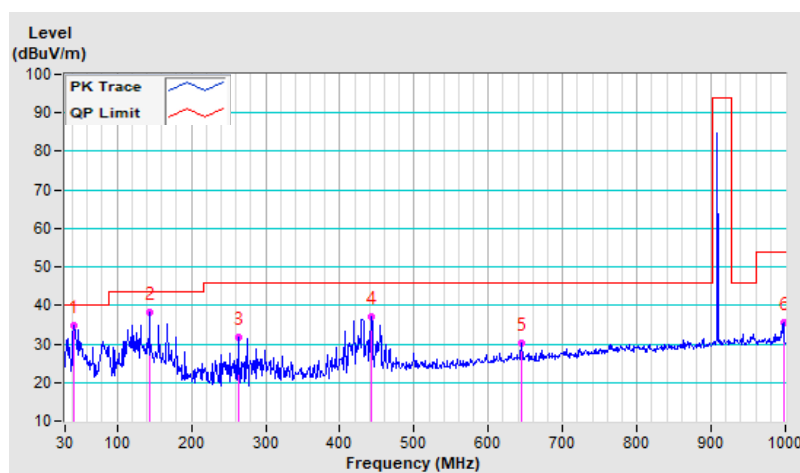


RF Mode	Z-Wave	Channel	CH 1 : 908.42 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	42.51	34.9 PK	40.0	-5.1	1.00 V	208	47.9	-13.0
2	143.66	38.2 PK	43.5	-5.3	1.00 V	177	50.9	-12.7
3	262.75	31.7 PK	46.0	-14.3	2.00 V	154	45.2	-13.5
4	441.91	37.1 PK	46.0	-8.9	2.00 V	348	45.3	-8.2
5	644.35	30.2 PK	46.0	-15.8	2.00 V	104	34.2	-4.0
6	997.74	35.4 PK	54.0	-18.6	1.00 V	164	34.6	0.8

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.

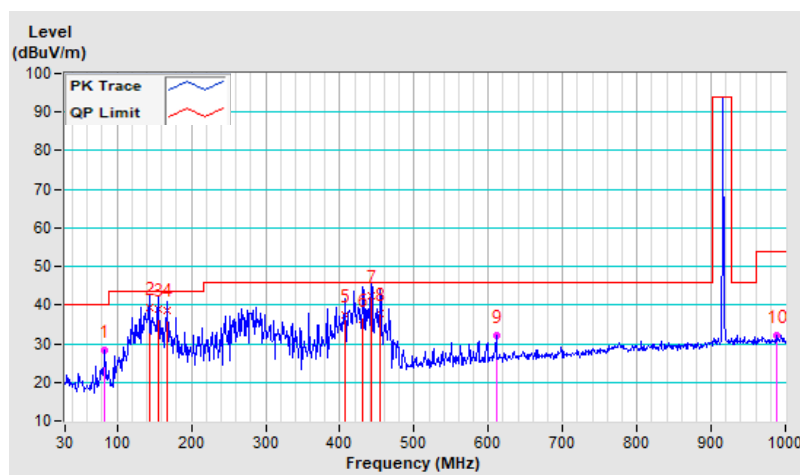


RF Mode	Z-Wave	Channel	CH 2 : 916 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	83.64	28.1 PK	40.0	-11.9	2.00 H	231	46.5	-18.4
2	143.85	39.5 QP	43.5	-4.0	2.00 H	94	52.2	-12.7
3	155.93	39.1 QP	43.5	-4.4	2.00 H	211	51.7	-12.6
4	167.98	38.8 QP	43.5	-4.7	2.00 H	224	51.8	-13.0
5	407.38	37.4 QP	46.0	-8.6	1.00 H	251	46.6	-9.2
6	429.98	36.3 QP	46.0	-9.7	3.00 H	246	44.7	-8.4
7	442.83	42.3 QP	46.0	-3.7	2.00 H	360	50.5	-8.2
8	454.62	37.9 QP	46.0	-8.1	1.00 H	360	45.9	-8.0
9	610.33	32.1 PK	46.0	-13.9	2.00 H	360	36.8	-4.7
10	987.90	32.2 PK	54.0	-21.8	1.00 H	348	31.4	0.8

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.

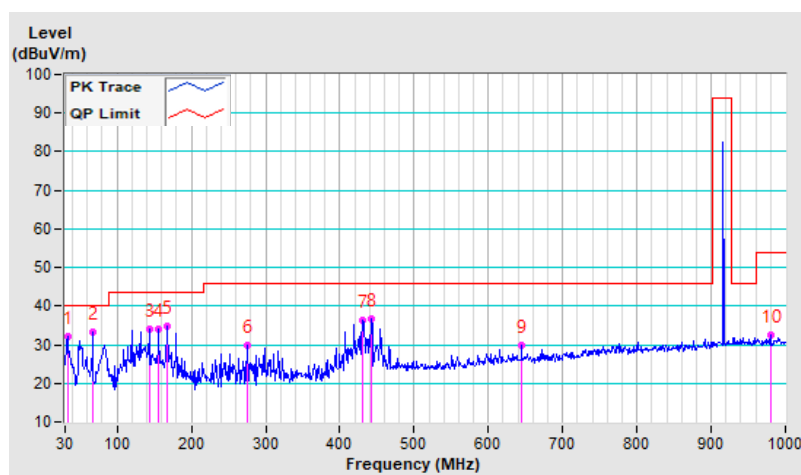


RF Mode	Z-Wave	Channel	CH 2 : 916 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	21.9 °C, 69.2% RH
Tested By	Stars Liu		

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	33.18	32.1 PK	40.0	-7.9	1.00 V	289	45.9	-13.8
2	67.51	33.3 PK	40.0	-6.7	1.00 V	100	48.0	-14.7
3	143.97	34.0 PK	43.5	-9.5	1.00 V	223	46.7	-12.7
4	155.95	34.0 PK	43.5	-9.5	3.00 V	166	46.6	-12.6
5	167.96	34.6 PK	43.5	-8.9	2.00 V	135	47.6	-13.0
6	275.41	29.8 PK	46.0	-16.2	1.00 V	211	42.6	-12.8
7	430.95	36.4 PK	46.0	-9.6	1.00 V	191	44.8	-8.4
8	442.57	36.8 PK	46.0	-9.2	2.00 V	233	45.0	-8.2
9	644.37	29.8 PK	46.0	-16.2	3.00 V	360	33.8	-4.0
10	979.90	32.4 PK	54.0	-21.6	2.00 V	2	31.7	0.7

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.



7.2 Radiated Emissions above 1 GHz

RF Mode	Z-Wave	Channel	CH 0 : 908.4 MHz
Frequency Range	1 GHz ~ 10 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72% RH
Tested By	Stars Liu		

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	2725.20	40.9 PK	74.0	-33.1	3.27 H	227	42.1	-1.2
2	2725.20	28.5 AV	54.0	-25.5	3.27 H	227	29.7	-1.2
3	3633.60	39.9 PK	74.0	-34.1	2.20 H	188	39.9	0.0
4	3633.60	28.7 AV	54.0	-25.3	2.20 H	188	28.7	0.0
5	4542.00	40.6 PK	74.0	-33.4	2.23 H	123	39.1	1.5
6	4542.00	28.7 AV	54.0	-25.3	2.23 H	123	27.2	1.5
7	5450.40	51.7 PK	74.0	-22.3	1.54 H	321	48.8	2.9
8	5450.40	40.7 AV	54.0	-13.3	1.54 H	321	37.8	2.9
9	7267.20	43.3 PK	74.0	-30.7	1.54 H	217	35.7	7.6
10	7267.20	32.0 AV	54.0	-22.0	1.54 H	217	24.4	7.6
11	8175.60	44.2 PK	74.0	-29.8	1.02 H	90	35.3	8.9
12	8175.60	35.5 AV	54.0	-18.5	1.02 H	90	26.6	8.9
13	9084.00	42.6 PK	74.0	-31.4	1.28 H	90	32.9	9.7
14	9084.00	29.5 AV	54.0	-24.5	1.28 H	90	19.8	9.7

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	2725.20	41.3 PK	74.0	-32.7	3.19 V	236	42.5	-1.2
2	2725.20	28.9 AV	54.0	-25.1	3.19 V	236	30.1	-1.2
3	3633.60	41.2 PK	74.0	-32.8	2.17 V	203	41.2	0.0
4	3633.60	29.1 AV	54.0	-24.9	2.17 V	203	29.1	0.0
5	4542.00	40.6 PK	74.0	-33.4	2.19 V	117	39.1	1.5
6	4542.00	28.7 AV	54.0	-25.3	2.19 V	117	27.2	1.5
7	5450.40	52.5 PK	74.0	-21.5	2.12 V	314	49.6	2.9
8	5450.40	41.3 AV	54.0	-12.7	2.12 V	314	38.4	2.9
9	7267.20	43.7 PK	74.0	-30.3	1.61 V	215	36.1	7.6
10	7267.20	32.3 AV	54.0	-21.7	1.61 V	215	24.7	7.6
11	8175.60	45.8 PK	74.0	-28.2	1.08 V	87	36.9	8.9
12	8175.60	37.2 AV	54.0	-16.8	1.08 V	87	28.3	8.9
13	9084.00	43.6 PK	74.0	-30.4	1.19 V	98	33.9	9.7
14	9084.00	31.6 AV	54.0	-22.4	1.19 V	98	21.9	9.7

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.

RF Mode	Z-Wave	Channel	CH 1 : 908.42 MHz
Frequency Range	1 GHz ~ 10 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=51 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72% RH
Tested By	Stars Liu		

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	2725.26	40.8 PK	74.0	-33.2	3.26 H	252	42.0	-1.2
2	2725.26	28.4 AV	54.0	-25.6	3.26 H	252	29.6	-1.2
3	3633.68	40.0 PK	74.0	-34.0	2.22 H	205	40.0	0.0
4	3633.68	28.8 AV	54.0	-25.2	2.22 H	205	28.8	0.0
5	4542.10	40.6 PK	74.0	-33.4	2.17 H	101	39.1	1.5
6	4542.10	28.6 AV	54.0	-25.4	2.17 H	101	27.1	1.5
7	5450.52	51.8 PK	74.0	-22.2	1.55 H	322	48.9	2.9
8	5450.52	40.7 AV	54.0	-13.3	1.55 H	322	37.8	2.9
9	7267.36	43.6 PK	74.0	-30.4	1.53 H	219	36.0	7.6
10	7267.36	32.1 AV	54.0	-21.9	1.53 H	219	24.5	7.6
11	8175.78	44.3 PK	74.0	-29.7	1.04 H	94	35.4	8.9
12	8175.78	35.3 AV	54.0	-18.7	1.04 H	94	26.4	8.9
13	9084.20	43.4 PK	74.0	-30.6	1.21 H	76	33.7	9.7
14	9084.20	30.1 AV	54.0	-23.9	1.21 H	76	20.4	9.7
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	2725.26	40.9 PK	74.0	-33.1	3.20 V	253	42.1	-1.2
2	2725.26	28.3 AV	54.0	-25.7	3.20 V	253	29.5	-1.2
3	3633.68	42.1 PK	74.0	-31.9	2.15 V	208	42.1	0.0
4	3633.68	30.0 AV	54.0	-24.0	2.15 V	208	30.0	0.0
5	4542.10	41.6 PK	74.0	-32.4	2.15 V	101	40.1	1.5
6	4542.10	29.4 AV	54.0	-24.6	2.15 V	101	27.9	1.5
7	5450.52	52.3 PK	74.0	-21.7	2.11 V	301	49.4	2.9
8	5450.52	41.1 AV	54.0	-12.9	2.11 V	301	38.2	2.9
9	7267.36	44.0 PK	74.0	-30.0	1.61 V	219	36.4	7.6
10	7267.36	32.4 AV	54.0	-21.6	1.61 V	219	24.8	7.6
11	8175.78	46.4 PK	74.0	-27.6	1.05 V	99	37.5	8.9
12	8175.78	37.8 AV	54.0	-16.2	1.05 V	99	28.9	8.9
13	9084.20	42.9 PK	74.0	-31.1	1.20 V	84	33.2	9.7
14	9084.20	30.8 AV	54.0	-23.2	1.20 V	84	21.1	9.7

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.

RF Mode	Z-Wave	Channel	CH 2 : 916 MHz
Frequency Range	1 GHz ~ 10 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72% RH
Tested By	Stars Liu		

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	2748.00	40.5 PK	74.0	-33.5	3.25 H	238	41.6	-1.1
2	2748.00	28.2 AV	54.0	-25.8	3.25 H	238	29.3	-1.1
3	3664.00	40.3 PK	74.0	-33.7	2.22 H	202	40.4	-0.1
4	3664.00	29.0 AV	54.0	-25.0	2.22 H	202	29.1	-0.1
5	4580.00	40.8 PK	74.0	-33.2	2.19 H	114	39.4	1.4
6	4580.00	28.8 AV	54.0	-25.2	2.19 H	114	27.4	1.4
7	7328.00	43.2 PK	74.0	-30.8	1.55 H	209	35.8	7.4
8	7328.00	31.7 AV	54.0	-22.3	1.55 H	209	24.3	7.4
9	8244.00	44.1 PK	74.0	-29.9	1.05 H	105	35.8	8.3
10	8244.00	35.2 AV	54.0	-18.8	1.05 H	105	26.9	8.3
11	9160.00	43.1 PK	74.0	-30.9	1.26 H	91	33.2	9.9
12	9160.00	30.0 AV	54.0	-24.0	1.26 H	91	20.1	9.9

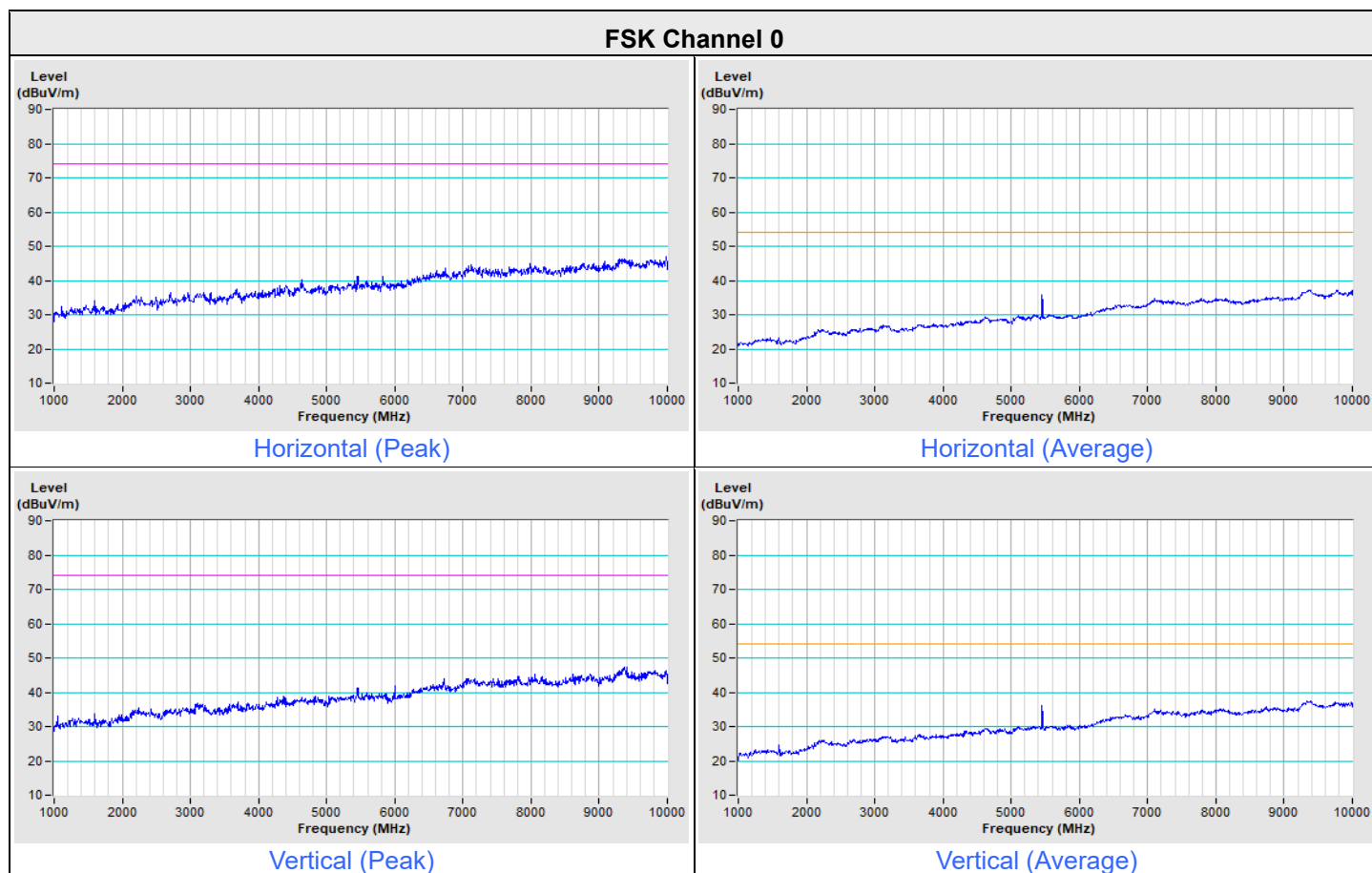
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2748.00	41.0 PK	74.0	-33.0	3.21 V	245	42.1	-1.1
2	2748.00	28.6 AV	54.0	-25.4	3.21 V	245	29.7	-1.1
3	3664.00	41.5 PK	74.0	-32.5	2.21 V	213	41.6	-0.1
4	3664.00	29.5 AV	54.0	-24.5	2.21 V	213	29.6	-0.1
5	4580.00	41.3 PK	74.0	-32.7	2.15 V	116	39.9	1.4
6	4580.00	29.1 AV	54.0	-24.9	2.15 V	116	27.7	1.4
7	7328.00	43.7 PK	74.0	-30.3	1.56 V	221	36.3	7.4
8	7328.00	32.1 AV	54.0	-21.9	1.56 V	221	24.7	7.4
9	8244.00	45.9 PK	74.0	-28.1	1.07 V	97	37.6	8.3
10	8244.00	37.6 AV	54.0	-16.4	1.07 V	97	29.3	8.3
11	9160.00	43.2 PK	74.0	-30.8	1.25 V	86	33.3	9.9
12	9160.00	31.2 AV	54.0	-22.8	1.25 V	86	21.3	9.9

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.

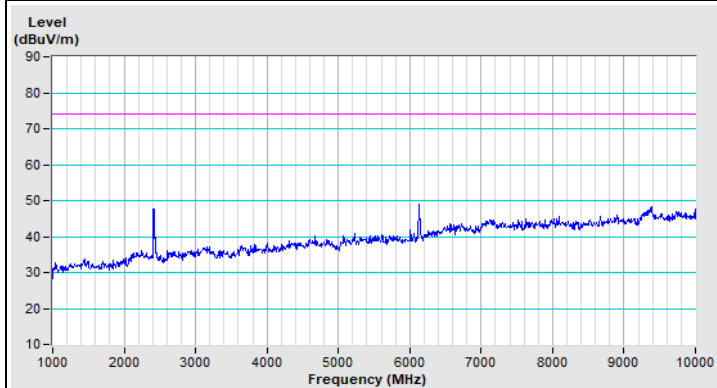
Plot of Other Emission

Frequency Range	1 GHz ~ 10 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
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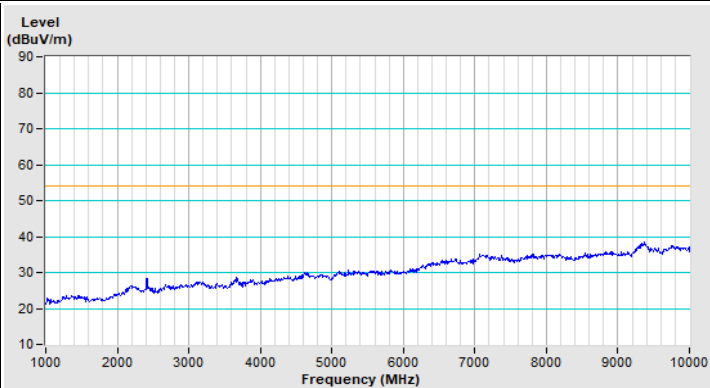


Notes: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

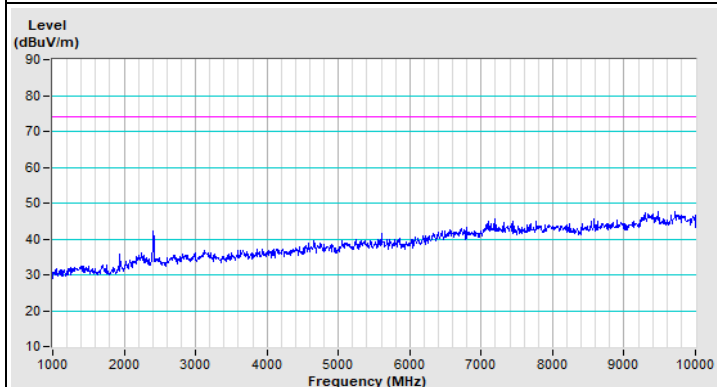
GFSK Channel 2



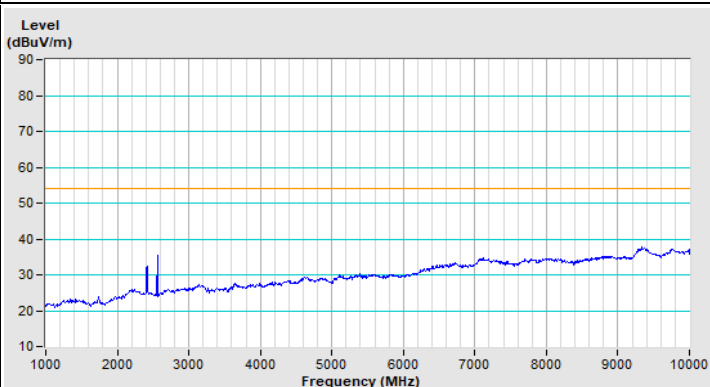
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

Note: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

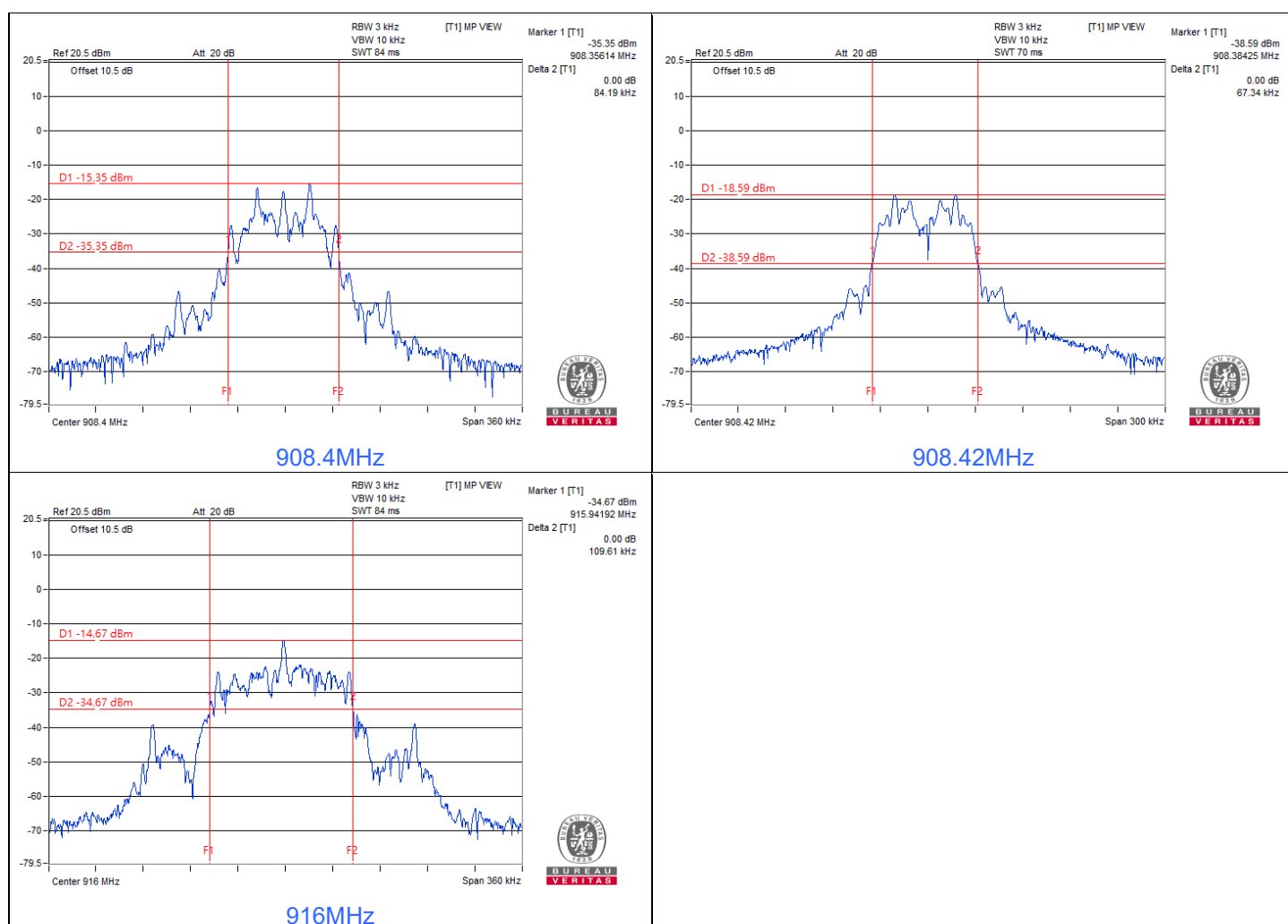
7.3 20 dB Bandwidth

Input Power:	3 Vdc	Environmental Conditions:	23°C, 69% RH	Tested By:	Stars Liu
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Channel Frequency (MHz)	20 dB Bandwidth (MHz)	Measured Frequencies		Operating Frequency Band (MHz)	Test Result
		FL (MHz)	FH (MHz)		
908.4	0.08419	908.3614	908.4456	902 ~ 928	Pass
908.42	0.06734	908.38425	908.4516		Pass
916	0.10961	915.94192	916.0515		Pass

Notes:

1. FL is the lowest frequency of the 20 dB bandwidth of power envelope.
2. FH is the highest frequency of the 20 dB bandwidth of power envelope.



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

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.

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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