FCC RADIO TEST REPORT

For

FCC ID: 2ATKS-B90

Report Reference No. ..... :	25EFSS05002 06201
Date Sample(s) Received ..... :	2025-04-30
Date of tested ..... :	From 2025-04-30 to 2025-05-10
Date of issue ..... :	2025-05-12
Testing Laboratory ..... :	DongGuan ShuoXin Electronic Technology Co., Ltd.
Address ..... :	Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China
Applicant's name……..:	LJ ELECTRONICS TECHNOLOGY LIMITED
Address……..:	Suite 1003, 10/F.,Chung Sheung Building,9 Queen Victoria Street, Centra, HONG KONG
Manufacturer……..:	LJ ELECTRONICS TECHNOLOGY LIMITED

Test specification:

Test item description ..... :	Wireless Dog Fence
Trade Mark ..... :	Aweec
Model/Type reference ..... :	B90
Ratings ..... :	I/P: DC 5V or DC 3.7V

Test Engineer: Jelena OuYang

Responsible Engineer : Leo Chen

Authorized Signatory: Smile Wang

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TEST REPORT DECLARE

Applicant	:	LJ ELECTRONICS TECHNOLOGY LIMITED
Address	:	Suite 1003, 10/F., Chung Sheung Building,9 Queen Victoria Street, Centra, HONG KONG
Equipment under Test	:	Wireless Dog Fence
Test Model No	:	B90
Manufacturer	:	LJ ELECTRONICS TECHNOLOGY LIMITED
Address	:	Suite 1003, 10/F., Chung Sheung Building,9 Queen Victoria Street, Centra, HONG KONG

Test Standard Used: FCC Rules and Regulations Part 15 Subpart C (15.231)

Test procedure used: ANSI C63.10:2013

We Declare:

The equipment described above is tested by DongGuan ShuoXin Electronic Technology Co., Ltd(ATT). and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and DongGuan ShuoXin Electronic Technology Co., Ltd.(ATT) is assumed of full responsibility for the accuracy and completeness of these tests.

ATT is not responsible for the sampling stage, so the results only apply to the sample as received.

ATT's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. ATT shall have no liability for any declarations, inferences or generalizations drawn by the client or others from ATT issued reports.

1. Summary of test Standards and results

The EUT have been tested according to the applicable standards as referenced below.

Description of Test Item	Standard	Results
20dB Occupied Bandwidth Occupied Bandwidth	FCC Part 15.231(c)	PASS
Field Strength of Fundamental and Field Strength of Spurious Emissions	FCC Part 15.209,15.231(b)	PASS
Duration Time	15.231(a)(1)	PASS
AC Line Conducted Emissions	FCC Part 15.207 (a)	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

Test Facility:
The Test site used by DongGuanShuoXin Electronic Technology Co., Ltd. to collect test data is located on the Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China

The test facility is recognized, certified, or accredited by the following organizations:

Item	Registration No.	Expiration Date
CNAS	L3098	2030-08-27
A2LA	4893.01	2026-06-30
Innovation, Science and Economic Development Canada (ISED)	11033A CAB identifer:CN0083	2026-06-30
Federal Communications Commission (FCC)	171688 Designation No.:CN1235	2026-06-30

2. General test information

2.1. Description of EUT

EUT* Name	Wireless Dog Fence
Model Number	B90
EUT function description	Please reference user manual of this device
Power supply	I/P: DC 5V or DC 3.7V
Radio Technology	SRD
Operation frequency	433.92 MHz
Modulation	ASK
Antenna Type	maximum PK gain: -4dBi
Date of Receipt	2025/04/30
Sample Type	Single production

Note: EUT is the ab. of equipment under test.

2.2. Accessories of EUT

Description of Accessories	Manufacturer	Model number or Type	Serial number
Adapter	QZT	QZT-0901000	N/A

2.3. Assistant equipment used for test

Description of Assistant equipment	Manufacturer	Model number or Type	Other

2.4. Block diagram of EUT configuration for test

New battery is used during all test
EUT enters the engineering interface by clicking the system version to control EUT work in test mode as blow table.

2.5. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25℃
Humidity range:	40-75%
Pressure range:	86-106kPa

2.6. Measurement uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test (9kHz-150kHz)	3.7 dB
Uncertainty for Conduction emission test (150kHz-30MHz)	3.3 dB
Uncertainty for Radiation Emission test (9kHz-30MHz)	3.6 dB
Uncertainty for Radiation Emission test (30MHz-200MHz)	4.60 dB (Polarize: V)
	4.60 dB (Polarize: H)
Uncertainty for Radiation Emission test (200MHz-1GHz)	6.10 dB (Polarize: V)
	5.08 dB (Polarize: H)
Uncertainty for Radiation Emission test (1GHz-6GHz)	5.01 dB (Polarize: V)
	5.01 dB (Polarize: H)
Uncertainty for Radiation Emission test (6GHz-18GHz)	5.26 dB (Polarize: V)
	5.26 dB (Polarize: H)
Uncertainty for Radiation Emission test (18GHz-40GHz)	5.06 dB (Polarize: V)
	5.06 dB (Polarize: H)
Uncertainty for radio frequency	±0.048kHz
Uncertainty for conducted RF Power	±0.32dB
Uncertainty for conducted Occupied Bandwidth	2.43%

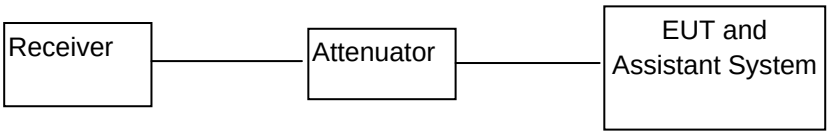
Note：This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3. 20dB Occupied Bandwidth

3.1. Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until	Calibrated Date
1	Spectrum analyzer	KEYSIGHT	N9010A	MY55150427	05/22/2025	05/23/2024
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A	N/A
3	RF Cable	Micable	C10-01-01-1	100309	N/A	N/A

3.2. Block diagram of test setup



3.3. Limits

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.3.4. Test Procedure

3.4 Test Procedure

(1) Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

(2) Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.

(3) The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied, video bandwidth (VBW) shall not be smaller than three times the RBW value

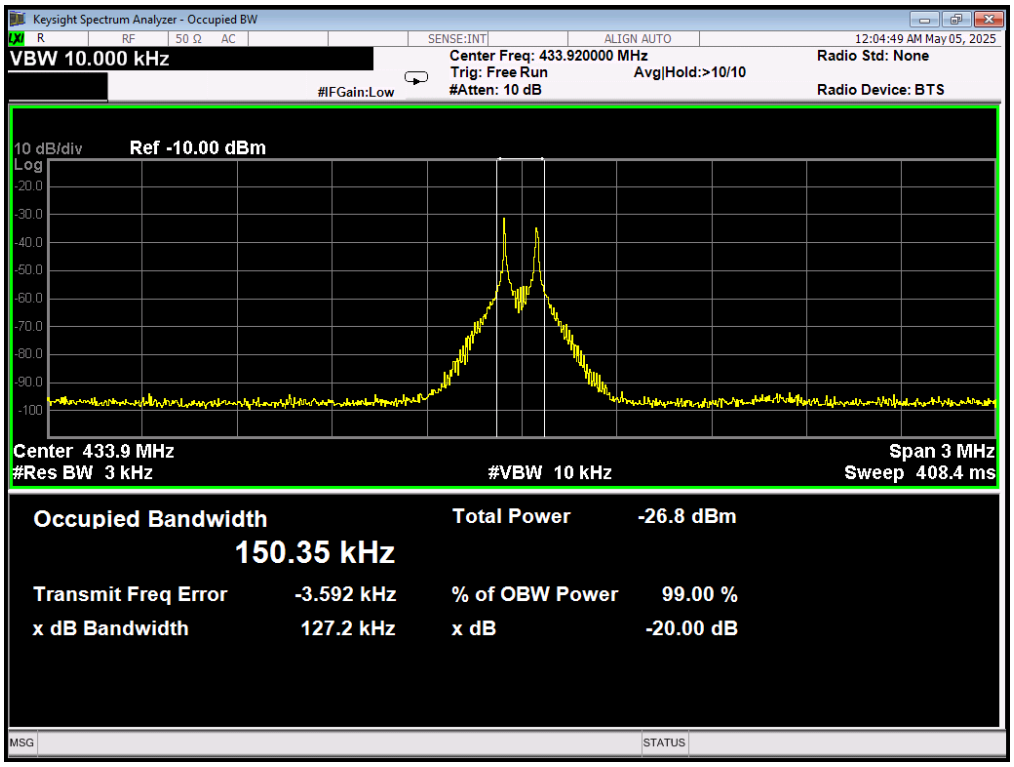
(4) Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.

3.5. Test Result

99% bandwidth (MHz)	-20dB bandwidth (MHz)	Limit (MHz)	Results
0.15035	0.1272	1.0848	Pass

Note: Limit= Fundamental frequency×0.25%=433.92×0.25%=1.0848MHz

3.6. Original test data



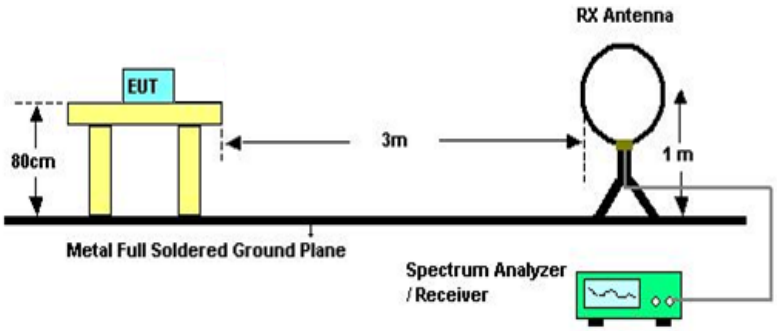
4. Field Strength of Fundamental And Field Strength of Spurious Emissions

4.1. Test equipment

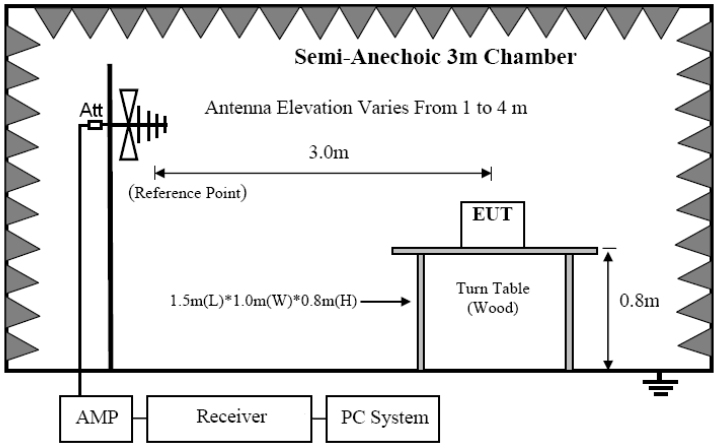
Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	101307	06/05/2025
2	Spectrum Analyzer	Agilent	E4407B	US40240708	11/17/2025
3	Loop antenna	SCHWARZBECK	FMZB1519	1519-062	04/01/2028
4	Broadband antenna	SCHWARZBECK	VULB9168	VULB9168-192	03/28/2026
5	HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D 1065	03/27/2026
6	Preamplifier Amplifier	HP	8447F	3113A05680	11/17/2025
7	PRE-AMPLIFIER	EMEC	EM01G26G	060679	03/27/2026
8	RF Cable	N/A	Test Cable 4	4	11/17/2025
9	RF Cable	N/A	Test Cable 5	5	11/17/2025
10	RF Cable	N/A	Test Cable 8	8	03/25/2026
11	RF Cable	N/A	Test Cable 9	9	03/25/2026
12	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

4.2. Block diagram of test setup

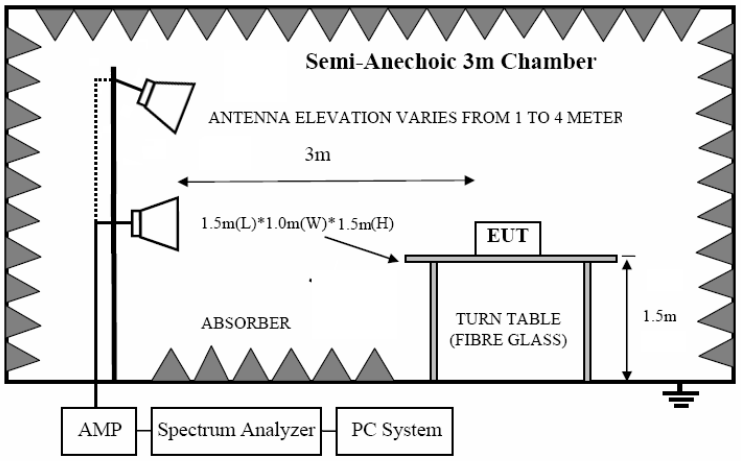
In 3m Anechoic Chamber Test Setup Diagram for 9kHz-30MHz



In 3m Anechoic Chamber Test Setup Diagram for 30MHz-1GHz



In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

4.3. Limit

FCC 15.209

Frequency (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

FCC 15.231(b)

Fundamental Frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of spurious emissions (millivolts/meter)
40.66-40.70	2250	225
70-130	1250	125
130-174	1250 to 3750(see Note 1)	125 to 375(see Note 1)
174-260	3750	375
260-470	3750 to 12500(see Note 1)	375 to 1250(see Note 1)
Above 470	12500	1250

Note 1:For 130MHz-174MHz:Field Strength(uV/m)=(56.82*f)-6136

For 260MHz-470MHz:Field Strength(uV/m)=(41.67*f)-7083

dBuV/m=20loguV/m

Intentional radiators operating under the provisions of this section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions.

433.92MHz limit=20log(41.67*433.92)-7083≈80.82dBuV/m

Duty cycle= ON TIME/TOTAL TIME = 21.76ms/26.56ms≈0.82

AVG = Peak +20*log(duty cycle) = Peak-1.72

4.4. Test Procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.

(2) Setup EUT and assistant system according clause 2.4 and 8.2

(3) Test antenna was located 3m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.

(a) Change work frequency or channel of device if practicable.

(b) Change modulation type of device if practicable.

(c) Change power supply range from 85% to 115% of the rated supply voltage

(d) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions

(4) Spectrum frequency from 9MHz to 4GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9KHz to 30MHz, so below final test was performed with frequency range from 30MHz to 4GHz.

(5) For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna

height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.

(6) For emissions from 9kHz to 30MHz, Peak values were measured with EMI Receiver and the bandwidth of Receiver is 200Hz for 9kHz-150kHz,9kHz for 150kHz-30MHz.

(7) For emissions from 30MHz to 1GHz, Quasi-Peak values were measured with EMI Receiver and the bandwidth of Receiver is 120 KHz.

(8)For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure, Detector is at PK; RBW is set at 1MHz, VBW is set at 3MHz for Average measure, Detector is at RMS..

(9) For Field Strength of Fundamental were measured with Spectrum Analyzer, and the RBW is set at above 99% Occupied Bandwidth , VBW is set at equal to RBW for Peak measure, Detector is at PK

4.5. Test result(For 15.205)

Below 30M

EUT:	Wireless Dog Fence	**Model No.:**	B90
Temperature:	24℃	**Relative Humidity:**	55%
Distance:	3m	**Test Power:**	DC 3.7V
Polarization:	--	**Test Result:**	Pass
Test Mode:	Keeping TX mode	**Test By:**	Blue Qiu

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

Note:

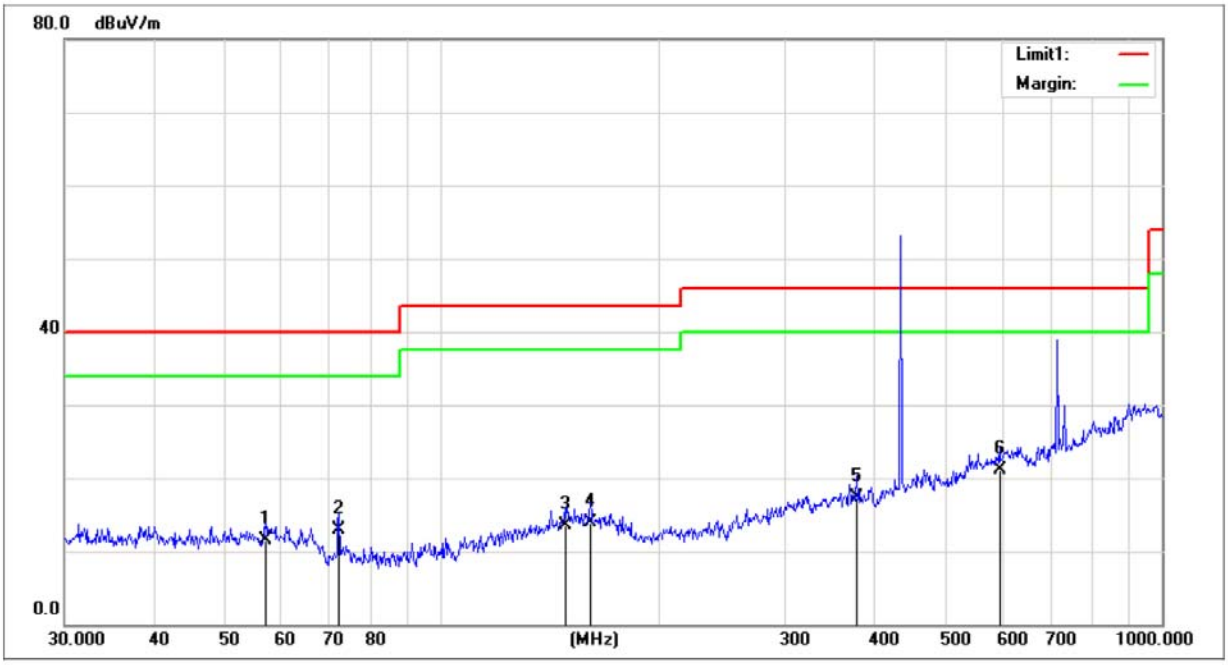
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =20 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor

Between 30M – 1000 MHz

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.1	Relative Humidity:	52%
Distance:	3m	Test Power:	DC 3.7V
Polarization:	Vertical	Test Result:	Pass
Test Time:	2025/5/4	Test By:	Blue Qiu
Test Mode:	TX		

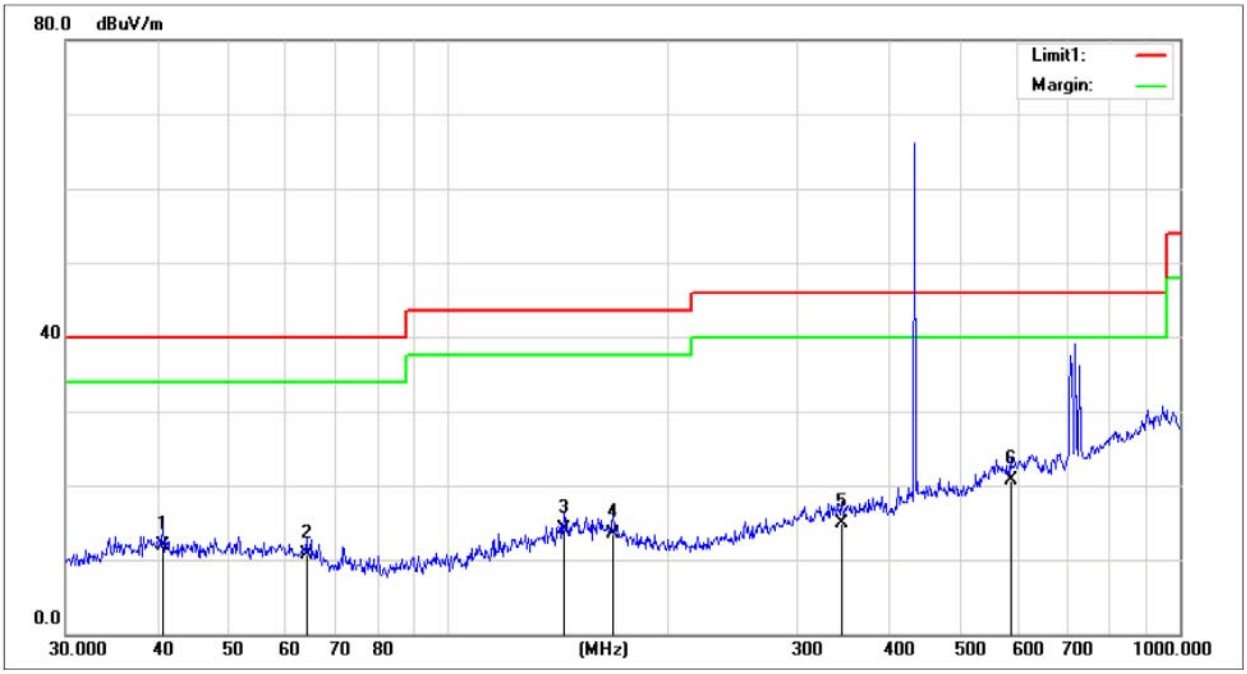


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.9911	25.74	-14.16	11.58	40.00	-28.42	QP
2	72.0841	29.28	-16.38	12.90	40.00	-27.10	QP
3	148.4410	23.94	-10.50	13.44	43.50	-30.06	QP
4	160.9088	24.75	-10.94	13.81	43.50	-29.69	QP
5	377.2590	25.92	-8.57	17.35	46.00	-28.65	QP
6	595.1326	25.59	-4.52	21.07	46.00	-24.93	QP

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.1	Relative Humidity:	52%
Distance:	3m	Test Power:	DC 3.7V
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2025/5/4	Test By:	Blue Qiu
Test Mode:	TX		



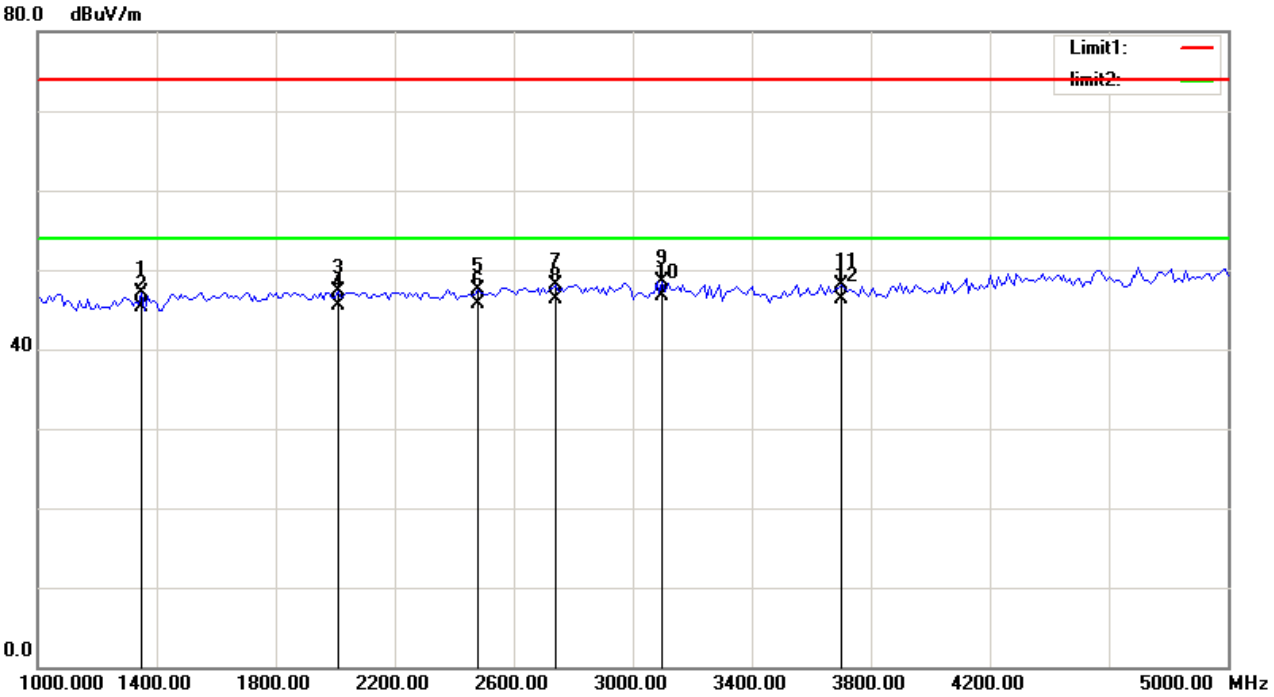
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.7014	26.00	-14.15	11.85	40.00	-28.15	QP
2	63.9827	24.92	-14.28	10.64	40.00	-29.36	QP
3	143.8292	25.68	-11.55	14.13	43.50	-29.37	QP
4	167.8240	24.85	-11.33	13.52	43.50	-29.98	QP
5	344.3854	24.06	-9.15	14.91	46.00	-31.09	QP
6	586.8437	25.17	-4.51	20.66	46.00	-25.34	QP

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

Above 1000MHz

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.1	Relative Humidity:	52%
Distance:	3m	Test Power:	DC 3.7V
Polarization:	Vertical	Test Result:	Pass
Test Time:	2025/5/4	Test By:	Blue Qiu
Test Mode:	TX		

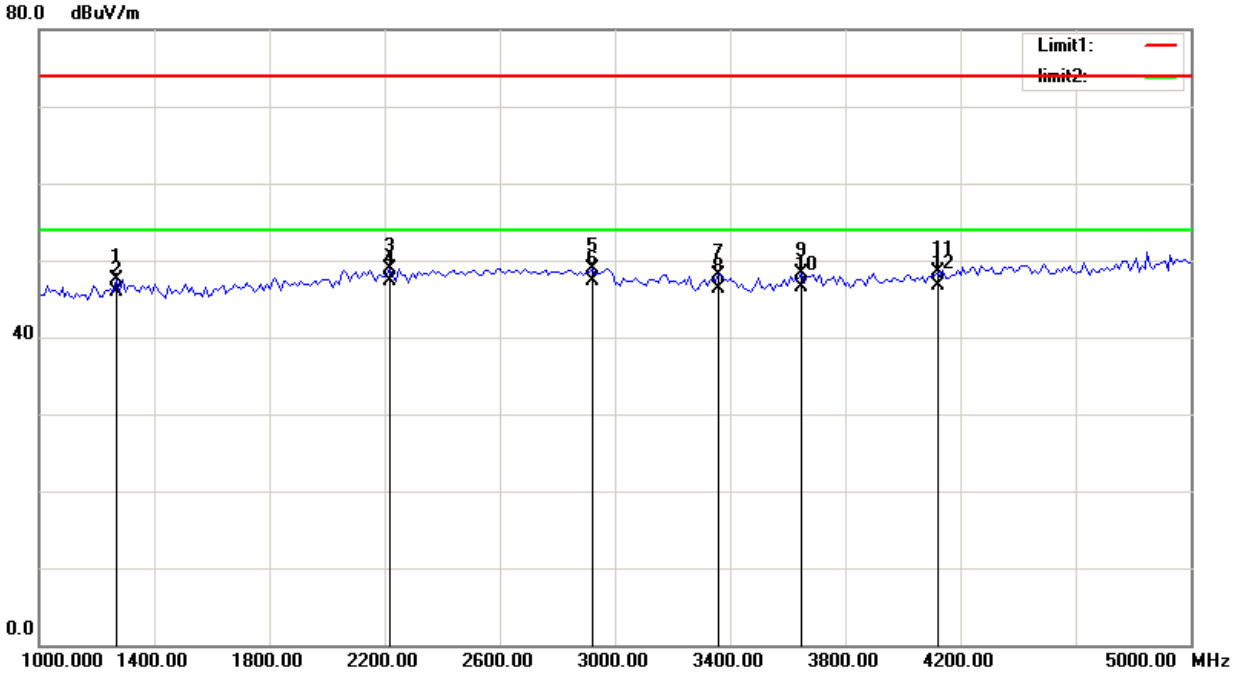


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1350.000	57.59	-10.54	47.05	74.00	-26.95	peak
2	1350.000			45.33	54.00	-8.67	AVG
3	2010.000	56.54	-9.28	47.26	74.00	-26.74	peak
4	2010.000			45.54	54.00	-8.46	AVG
5	2480.000	55.42	-7.97	47.45	74.00	-26.55	peak
6	2480.000			45.73	54.00	-8.27	AVG
7	2740.000	55.14	-7.06	48.08	74.00	-25.92	peak
8	2740.000			46.36	54.00	-7.64	AVG
9	3100.000	54.45	-5.98	48.47	74.00	-25.53	peak
10	3100.000			46.75	54.00	-7.25	AVG
11	3700.000	53.48	-5.41	48.07	74.00	-25.93	peak
12	3700.000			46.35	54.00	-7.65	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.1	Relative Humidity:	52%
Distance:	3m	Test Power:	DC 3.7V
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2025/5/4	Test By:	Blue Qiu
Test Mode:	TX		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1270.000	58.42	-10.83	47.59	74.00	-26.41	peak
2	1270.000			45.87	54.00	-8.13	AVG
3	2220.000	57.11	-8.13	48.98	74.00	-25.02	peak
4	2220.000			47.26	54.00	-6.74	AVG
5	2920.000	55.76	-6.83	48.93	74.00	-25.07	peak
6	2920.000			47.21	54.00	-6.79	AVG
7	3360.000	53.76	-5.74	48.02	74.00	-25.98	peak
8	3360.000			46.30	54.00	-7.70	AVG
9	3650.000	53.79	-5.51	48.28	74.00	-25.72	peak
10	3650.000			46.56	54.00	-7.44	AVG
11	4120.000	52.81	-4.36	48.45	74.00	-25.55	peak
12	4120.000			46.73	54.00	-7.27	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

4.6 Test result (For 15.231)

EUT:	**Wireless Dog Fence**	**Model No.:**	**B90**
Temperature:	**23.1℃**	**Relative Humidity:**	**52%**
Distance:	**3m**	**Test Power:**	**DC 3.7V**
Polarization:	**Vertical**	**Test Result:**	**Pass**
Test Time:	**2025/5/4**	**Test By:**	**Blue Qiu**
Test Mode:	**TX**		

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	434.0650	60.06	-7.01	53.05	100.83	-47.25	peak
2	434.0650			51.33	80.83	-29.5	AVG
3	716.6820	41.69	-2.79	38.90	80.83	-41.93	peak
4	716.6820			37.18	60.83	-23.65	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

EUT:	**Wireless Dog Fence**	**Model No.:**	**B90**
Temperature:	**23.1℃**	**Relative Humidity:**	**52%**
Distance:	**3m**	**Test Power:**	**DC 3.7V**
Polarization:	**Horizontal**	**Test Result:**	**Pass**
Test Time:	**2025/5/4**	**Test By:**	**Blue Qiu**
Test Mode:	**TX**		

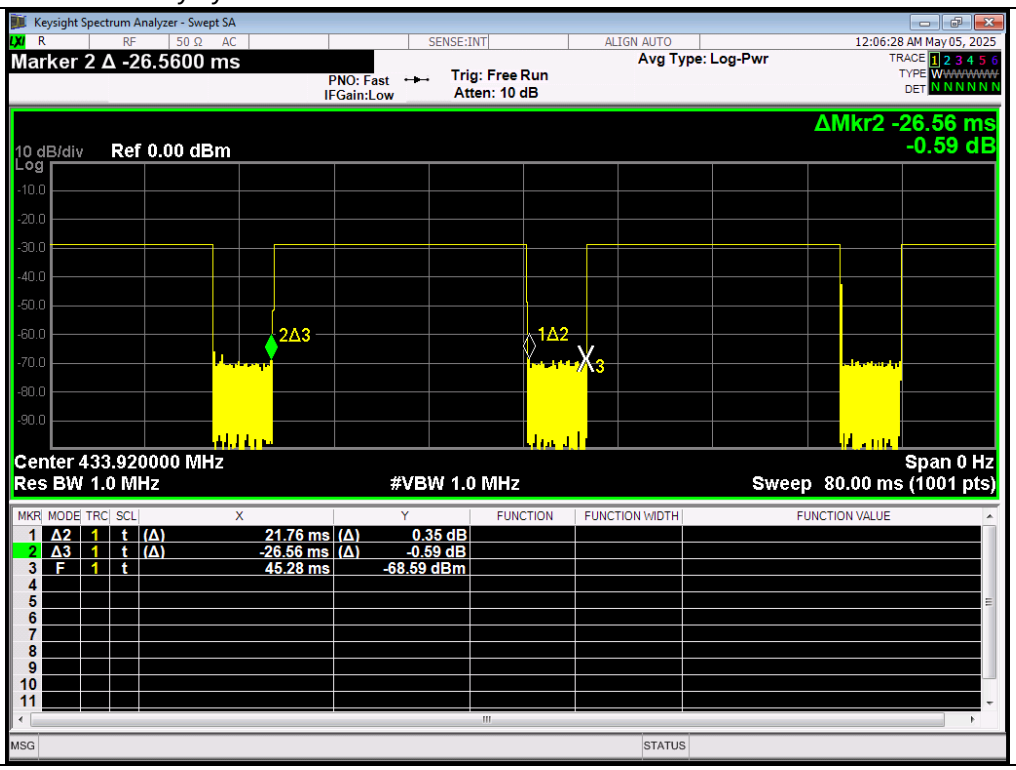
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	434.0650	73.04	-7.01	66.03	100.83	-34.8	peak
2	434.0650			64.31	80.83	-16.52	AVG
3	719.1992	41.58	-2.48	39.10	80.83	-41.73	peak
4	719.1994			37.38	60.83	-23.45	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

Duty Cycle

Duty cycle= ON TIME/TOTAL TIME = 21.76ms/26.56ms≈0.82

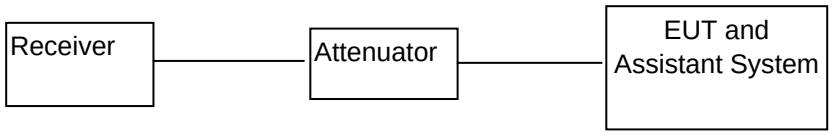


5 Duration Time

5.1 Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until	Calibrated Date
1	Spectrum analyzer	KEYSIGHT	N9010A	MY55150427	05/22/2025	05/23/2024
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A	N/A
3	RF Cable	Micable	C10-01-01-1	100309	N/A	N/A

5.2 Block diagram of test setup



5.3 Limits

Not more than 5 seconds

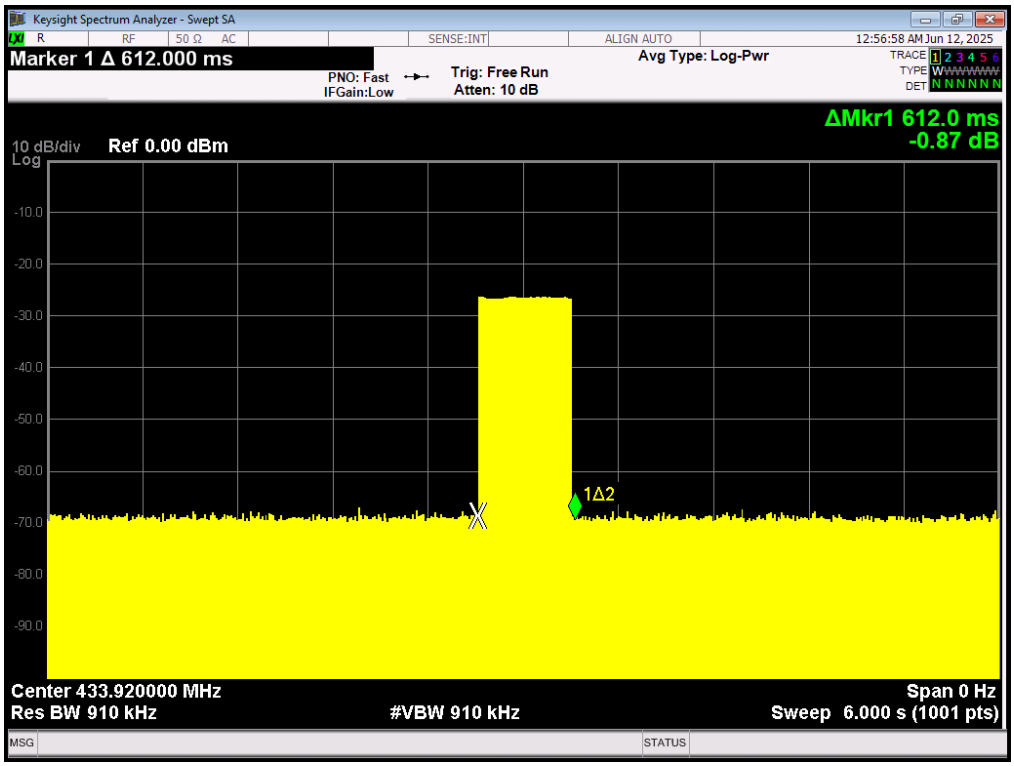
5.4 Test Procedure

1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.
2. Set the EUT to proper test channel.
3. Single scan the transmission, and read the transmission time.

5.5 Test Result

Duration time (second)	Limit (second)	Result
1.300	5	pass

5.6 Original test data

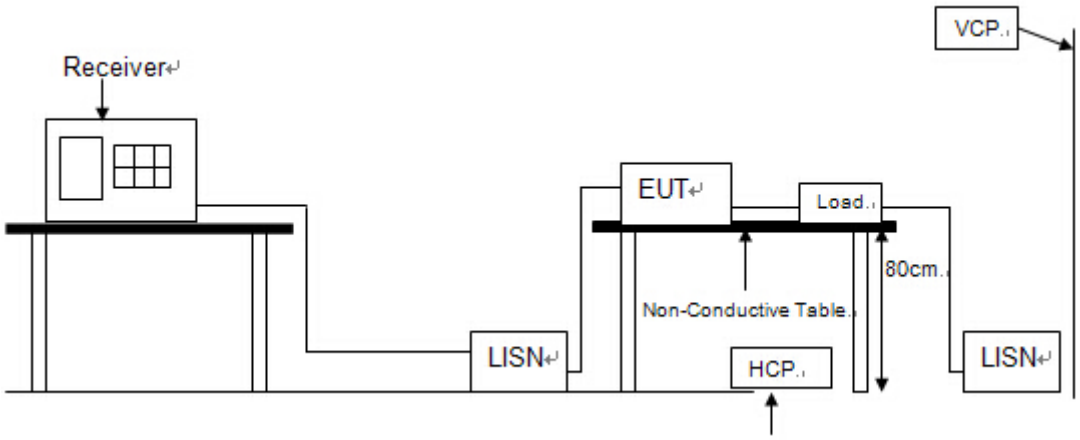


6.Power line conducted emission

6.1 Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-systemtechnik	MTS-IMP-136	261115-010-0024	11/17/2025
2	EMI Test Receiver	R&S	ESCI	101308	06/05/2025
3	LISN	AFJ	LS16	16011103219	11/19/2025
4	LISN	Schwarzbeck	NSLK 8127	8127-432	11/19/2025
5	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

6.2 Block diagram of test setup



6.3 Power Line Conducted Emission Limits(Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

6.4 Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 KHz.

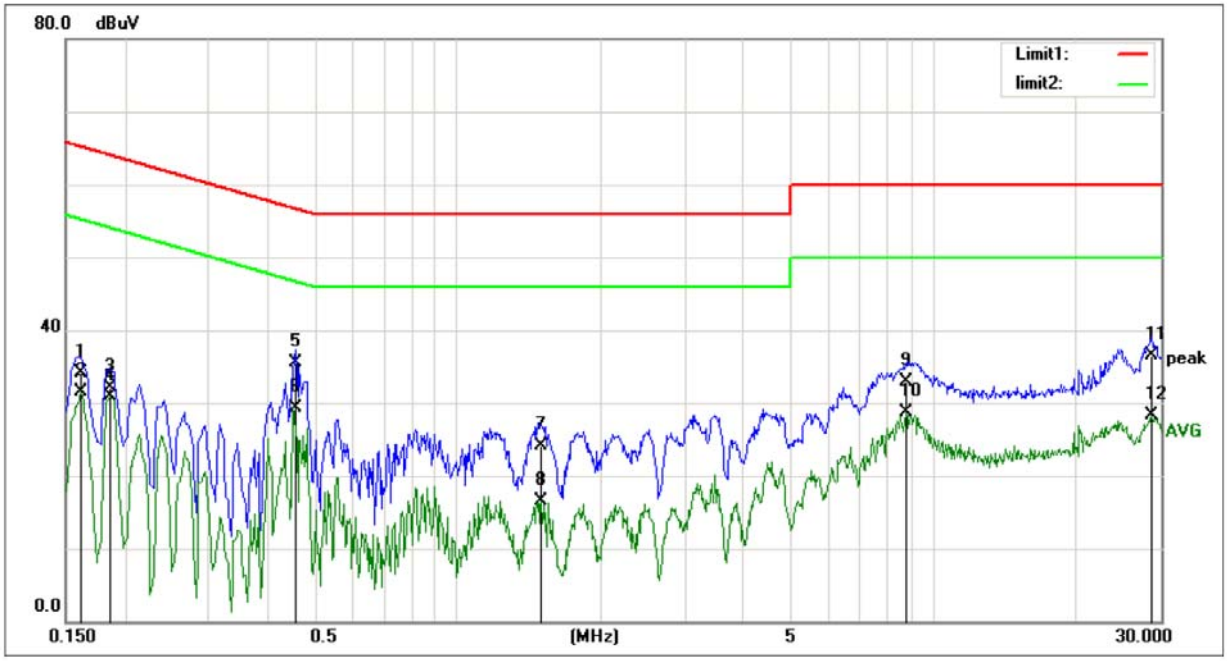
6.5 Test Result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "-----" means peak detection; "-----" mans average detection

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.8	Relative Humidity:	57%
Test Power:	DC 3.7V(AC 120V 60Hz)	Test Result:	Pass
Probe:	L1	Test By:	Leo
Test Time:	2025/5/4	Test Mode:	TX



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1620	23.28	10.77	34.05	65.36	-31.31	QP
2	0.1620	20.81	10.77	31.58	55.36	-23.78	AVG
3	0.1860	21.38	10.80	32.18	64.21	-32.03	QP
4	0.1860	20.08	10.80	30.88	54.21	-23.33	AVG
5	0.4580	24.62	10.82	35.44	56.73	-21.29	QP
6	0.4580	18.57	10.82	29.39	46.73	-17.34	AVG
7	1.5020	13.20	10.81	24.01	56.00	-31.99	QP
8	1.5020	5.72	10.81	16.53	46.00	-29.47	AVG
9	8.7339	21.74	11.13	32.87	60.00	-27.13	QP
10	8.7339	17.50	11.13	28.63	50.00	-21.37	AVG
11	28.7220	22.72	13.69	36.41	60.00	-23.59	QP
12	28.7220	14.65	13.69	28.34	50.00	-21.66	AVG

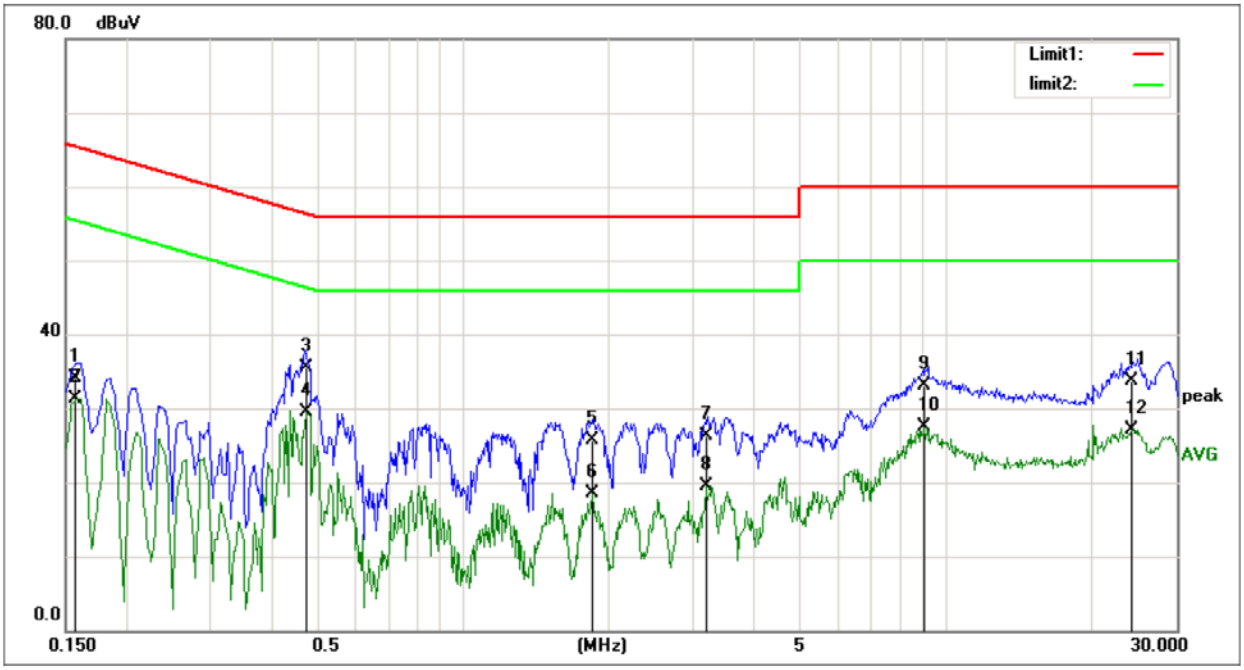
The test result is calculated as the following:

Result = Reading + Correct Factor

Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

Margin = Result - Limit

EUT:	Wireless Dog Fence	Model No.:	B90
Temperature:	23.8	Relative Humidity:	57%
Test Power:	DC 3.7V(AC 120V 60Hz)	Test Result:	Pass
Probe:	N	Test By:	Leo
Test Time:	2025/5/4	Test Mode:	TX



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	23.24	10.81	34.05	65.56	-31.51	QP
2	0.1580	20.53	10.81	31.34	55.56	-24.22	AVG
3	0.4740	24.60	10.81	35.41	56.44	-21.03	QP
4	0.4740	18.75	10.81	29.56	46.44	-16.88	AVG
5	1.8500	14.72	10.96	25.68	56.00	-30.32	QP
6	1.8500	7.54	10.96	18.50	46.00	-27.50	AVG
7	3.1820	14.85	11.51	26.36	56.00	-29.64	QP
8	3.1820	7.98	11.51	19.49	46.00	-26.51	AVG
9	9.0259	22.03	11.16	33.19	60.00	-26.81	QP
10	9.0259	16.27	11.16	27.43	50.00	-22.57	AVG
11	24.2420	20.66	13.06	33.72	60.00	-26.28	QP
12	24.2420	14.11	13.06	27.17	50.00	-22.83	AVG

The test result is calculated as the following:

Result = Reading + Correct Factor

Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

Margin = Result - Limit

8. Antenna Requirements

8.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.231 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

8.2. Result

The antennas used for this product are internal undetachable antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only-4dBi. The EUT has an internal antenna, the directional gain of antenna is -4dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

End of Report