REPORT No.: SZ26030019W01

TEST REPORT

APPLICANT	:	Anker Innovations Limited
PRODUCT NAME	:	eufy Glass Break Sensor E10
MODEL NAME	:	T90G0
BRAND NAME	:	eufy
FCC ID	:	2AOKB-T90G0
STANDARD(S)	:	47 CFR Part 15 Subpart C
RECEIPT DATE	:	2026-01-30
TEST DATE	:	2026-03-20 to 2026-03-25
ISSUE DATE	:	2026-06-08

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2026-06-08	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Anker Innovations Limited
Applicant Address:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Manufacturer:	Anker Innovations Limited
Manufacturer Address:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

1.2. Equipment Under Test (EUT) Description

Product Name:	eufy Glass Break Sensor E10	
Sample No.:	1#, 3#	
Hardware Version:	V2.0	
Software Version:	V2.2.0.5	
Operating Frequency Range:	920.0MHz, 920.2MHz, 920.4MHz, 920.6MHz, 920.8MHz	
Channel Number:	5	
Type of Transmitter:	Activated Automatically	
Antenna Type:	Metal Antenna	
Antenna Gain:	-3.14dBi	
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	CR123AH
	Serial No.:	N/A
	Capacity:	1500mAh
	Rated Voltage:	3.0V
	Charge Limit:	N/A
	Manufacturer:	EVE Energy Co., Ltd.

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

1.3. The Channel Number and Frequency

Channel	Frequency (MHz)
1	920.0
2	920.2
3	920.4
4	920.6
5	920.8

1.4. Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart C for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 15	Radio Frequency Devices

Test detailed items/section required by FCC rules and results are as below:

No	Section	Description	Test Date	Test Engineer	Result	Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	/
2	15.231(a)(1)	The Max Transmission Time	Mar. 25, 2026	Lin Haoyang	PASS	/
3	15.231(c)	20dB Bandwidth	Mar. 25, 2026	Lin Haoyang	PASS	/
4	15.207	Conducted Emission	N/A	N/A	N/A_{Note1}	/
5	15.231(b) 15.209(a)	Radiated Emission	Mar. 27, 2026	Zhong Xiangyun	PASS	/

Note 1: Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.
Note 2: The tests were performed according to the method of measurements prescribed in ANSI C63.10-2020.
Note 3: Any additions, deviation, or exclusions from the method shall be noted in the “Remark".

1.5. Environmental Conditions

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

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2. 47 CFR Part 15C Requirements

2.1. Antenna Requirement

2.1.1. Applicable Standard

According to FCC 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

2.1.2. Result: Compliant

Antenna location	Antenna Type	Coupling Method
☒Internal ☐External	☐FPC Antenna ☐Spring Antenna ☐Ceramic Antenna ☐Integrated Antenna ☐Dipole Antenna ☐PCB Antenna ☐PIFA Antenna ☒Metal Antenna	☐I-PEX Connector ☐SMA Connector ☐RP-SMA Connector ☐Metal Shrapnel ☐Layout ☒Soldering

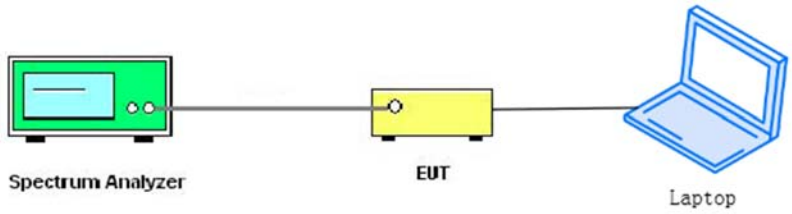
2.2. The Max Transmission Time

2.2.1. Requirement

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

2.2.2. Test Description

Test Setup:



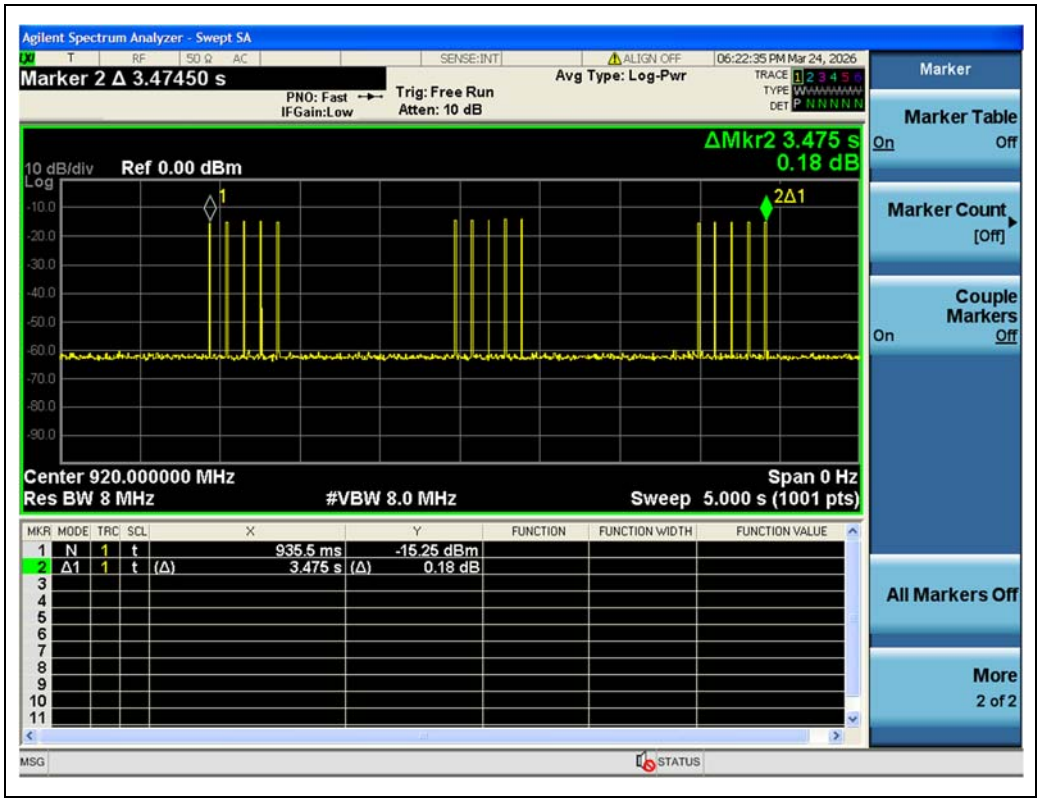
2.2.3. Test Procedure

Set the SPA Center Frequency = Fundamental frequency,
Span = 0 Hz, change the weep time until get the burst in the screen.
Set EUT as normal operation and press Transmitter button.
Set the SPA View. Delta Mark time.

2.2.4. Test Result

Frequency (MHz)	The max transmission time (s)	Limit (s)	Verdict
920	3.475	≤5	PASS

Test Plot:



(The max transmission time)

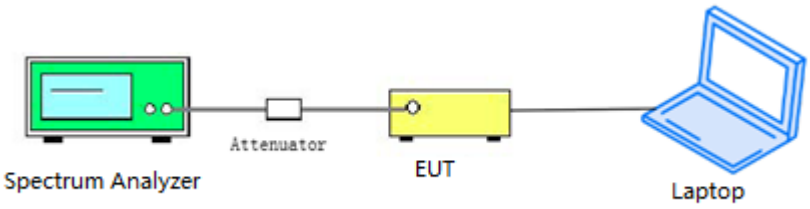
2.3. Bandwidth

2.3.1. Requirement

Refer to FCC 15.231(c).

2.3.2. Test Description

Test Setup:



The EUT is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

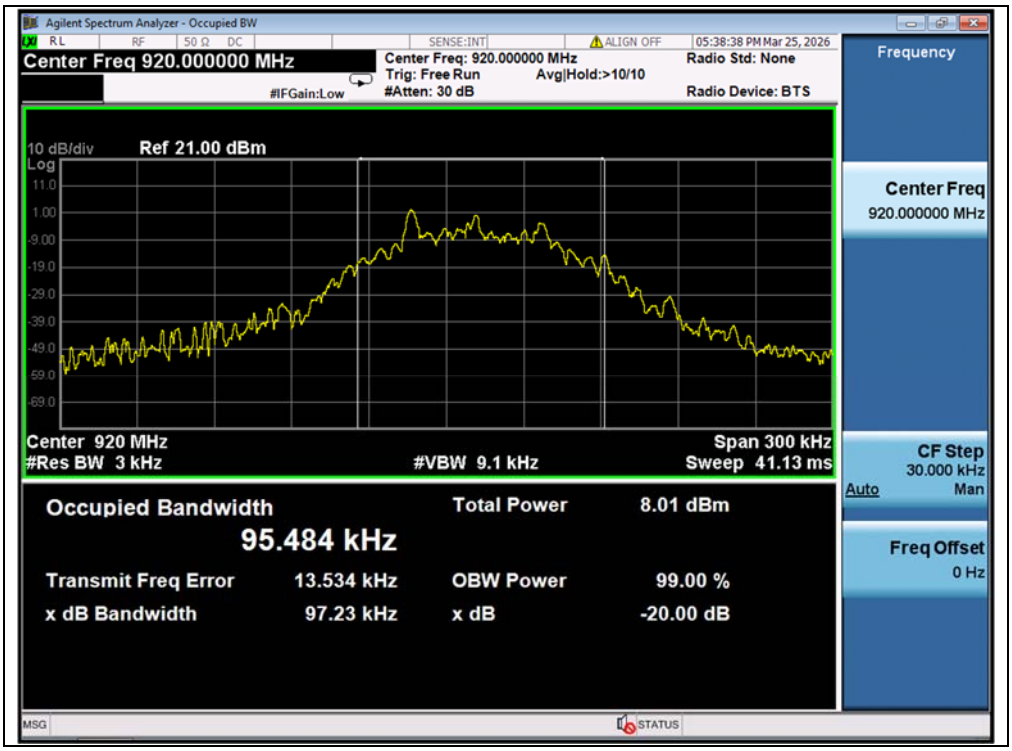
Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) in the range of 1% to 5% of the measured bandwidth and video bandwidth (VBW) shall be approximately three times RBW.

2.3.3. Test Result

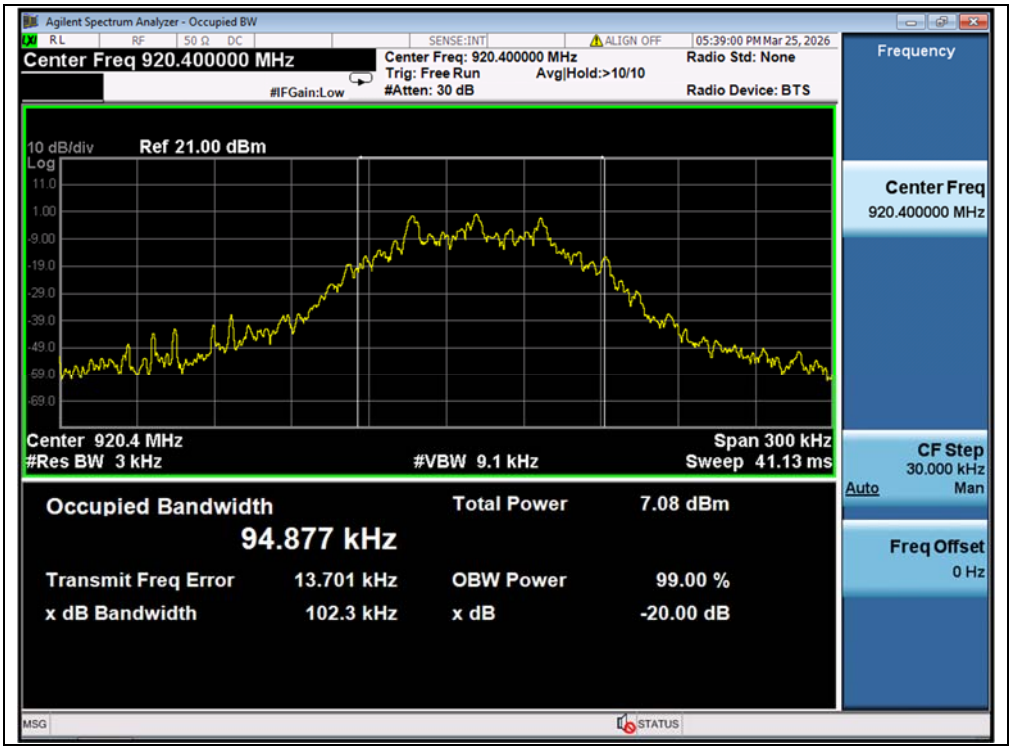
A.Test Verdict:

Channel	Frequency (MHz)	20 dB Bandwidth (kHz)	Result
1	920.0	97.23	PASS
3	920.4	102.3	PASS
5	920.8	103.7	PASS

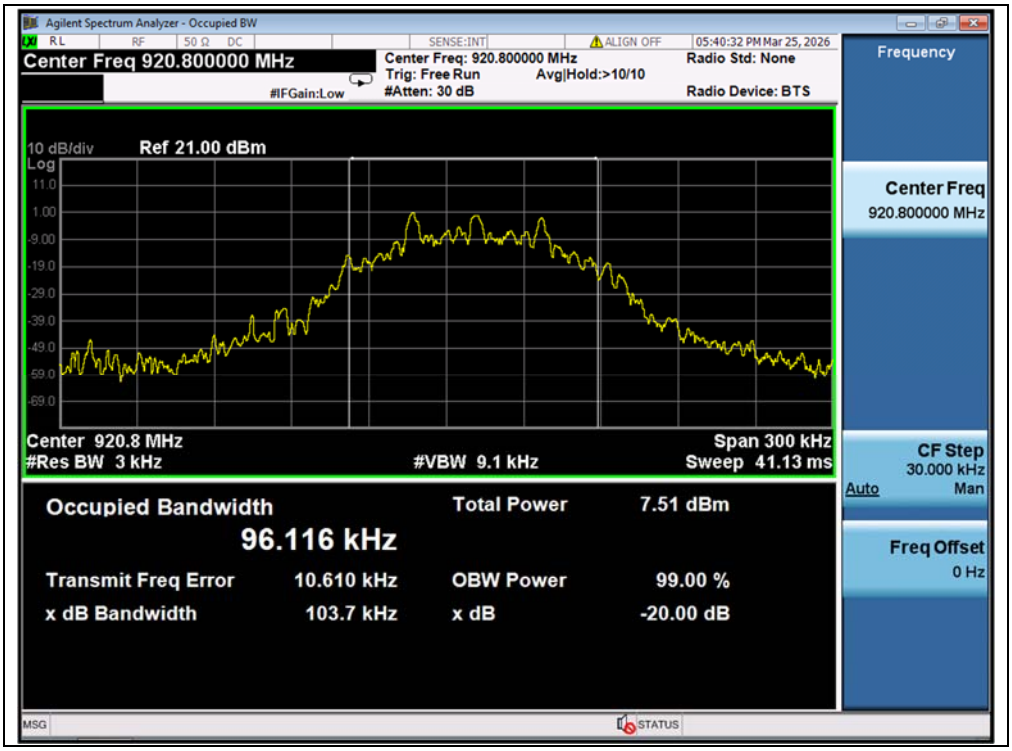
B.Test Plot:



(Channel 1, 920.0MHz)



(Channel 3, 920.4MHz)



(Channel 5, 920.8MHz)

2.4. Conducted Emission

2.4.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

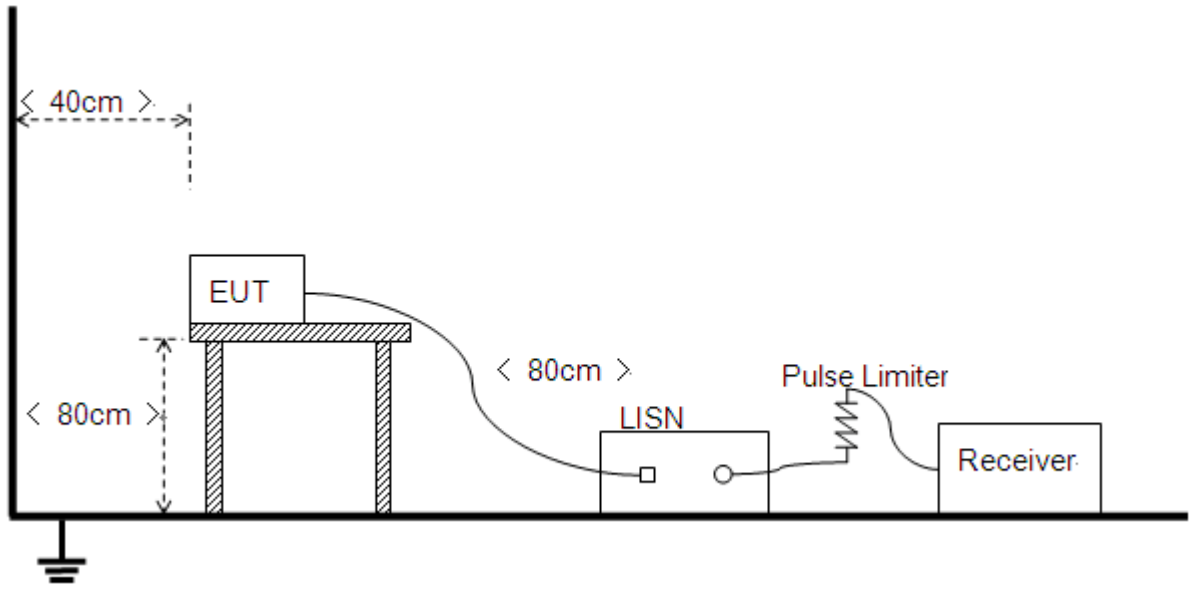
Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

2.4.2. Test Description

Test Setup:



The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10.

2.4.1. Test Result

This test case does not apply this kind of EUT.

2.5. Radiated Emission

2.5.1. Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
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 Part 15.231(b)

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emission (microvolts/meter)
40.66–40.70	2250	225
70–130	1250	125
130–174	1250 to 3750	125 to 375
174–260	3750	375
260–470	3750 to 12500	375 to 1250
Above 470	12500	1250

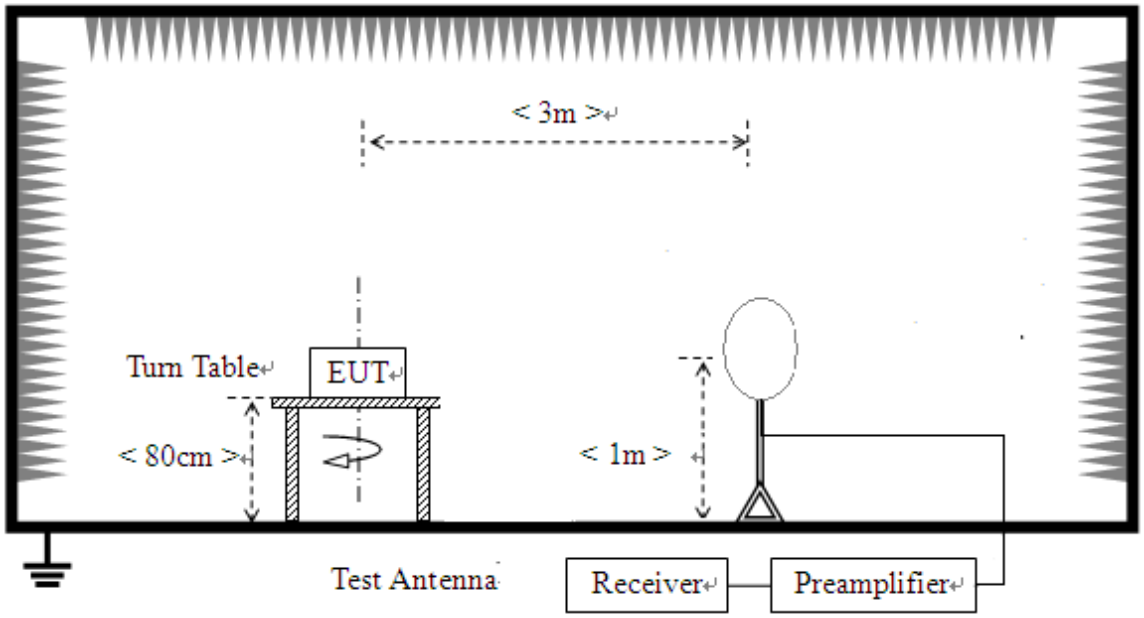
Note 1: For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
Note 2: For above 1000 MHz, limit field strength of harmonics: 54 dBuV/m@3m (AV) and 74 dBuV/m@3m (PK)

In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

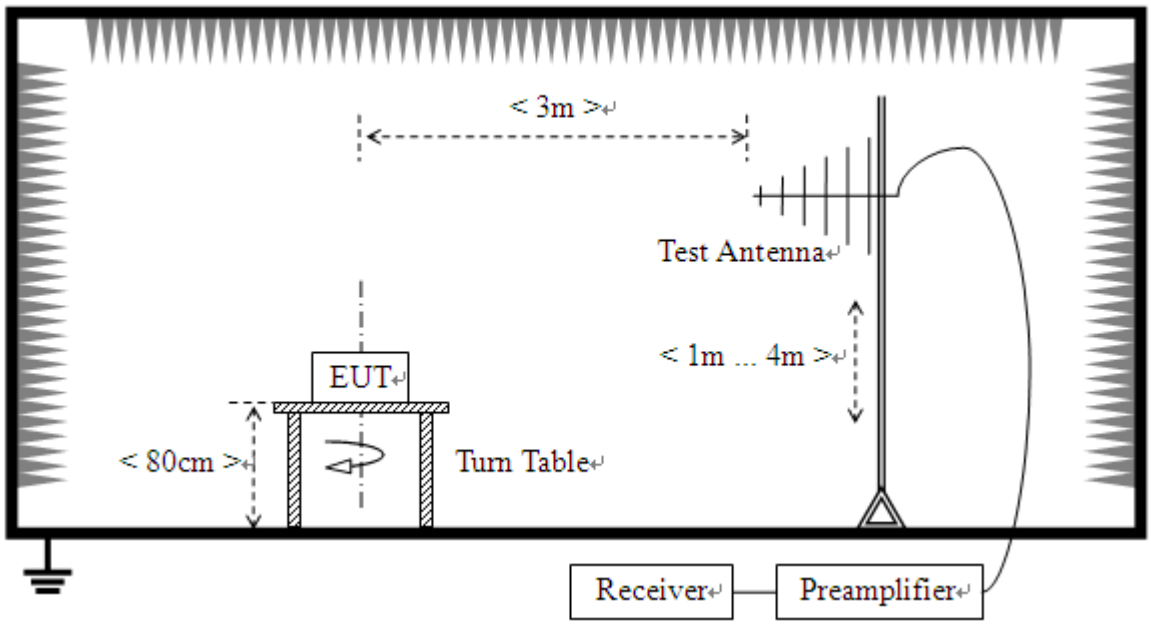
2.5.2. Test Description

Test Setup:

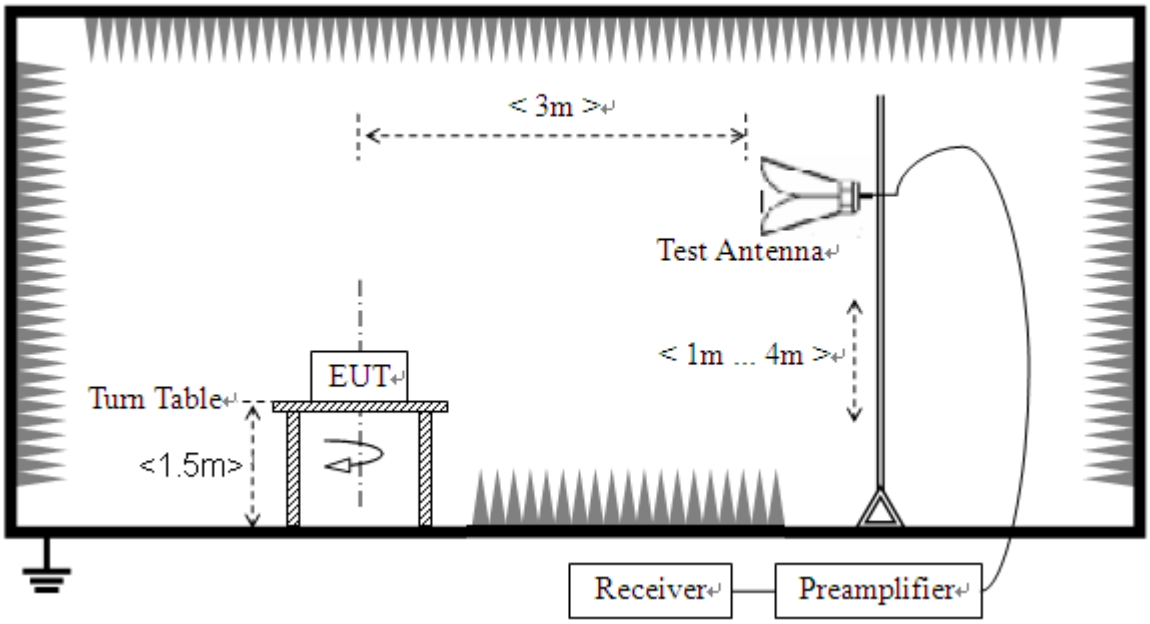
1) For radiated emissions from 9 kHz to 30 MHz



2) For radiated emissions from 30 MHz to1 GHz



3) For radiated emissions above 1 GHz



The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1 GHz; 1.5 m above the ground plane for measurement above 1 GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30 MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9 kHz to 90 kHz, 110 kHz to 490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, the video band width is set to 3 MHz for peak measurements and as applicable for average measurements.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2.5.3. Test Result

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$E\ [dB\mu V/m] = U_R + A_T + A_{Factor}\ [dB]$; $A_T = L_{Cable\ loss}\ [dB] - G_{preamp}\ [dB]$

A_T: Total correction Factor except Antenna

U_R: Receiver Reading

G_{preamp}: Preamplifier Gain

A_{Factor}: Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

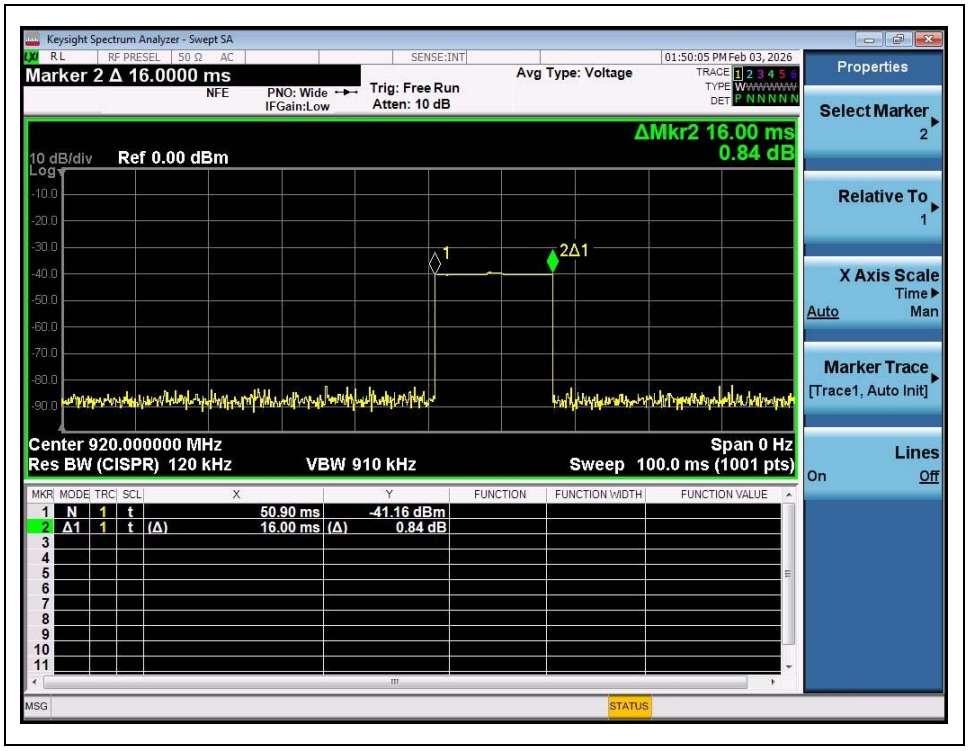
Note 1: All emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition (Z axis) was recorded in this test report.

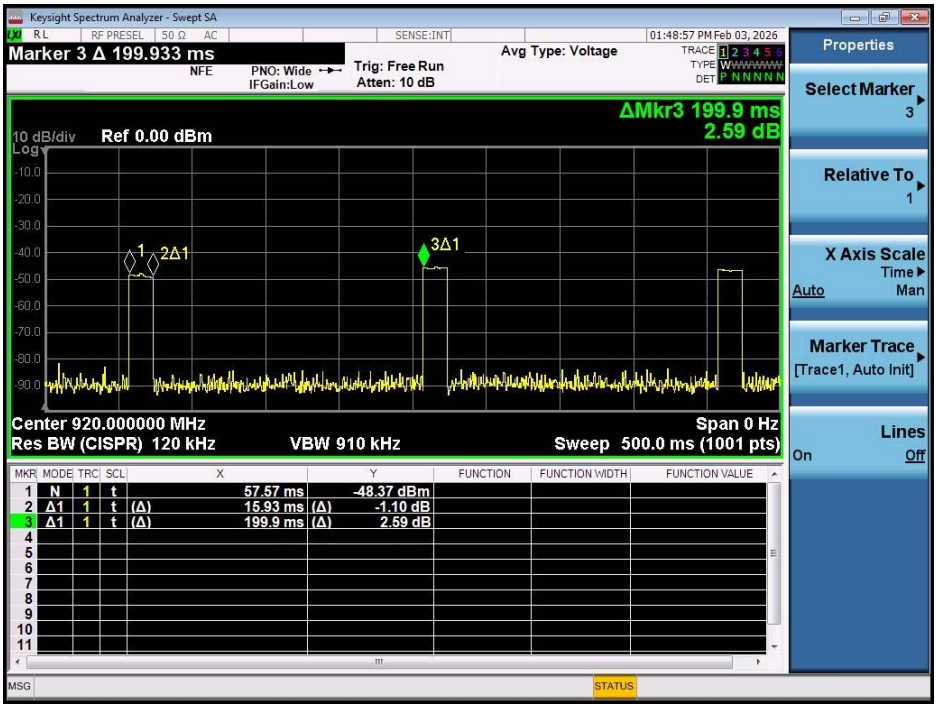
Note 2: The low frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

The duty cycle is simply the on-time divided by the period:

Ton (ms):	16
Ton+Toff (ms):	100
Duty cycle (%):	16

Therefore, the average factor is found by 20log(Duty cycle) = -15.92 dB

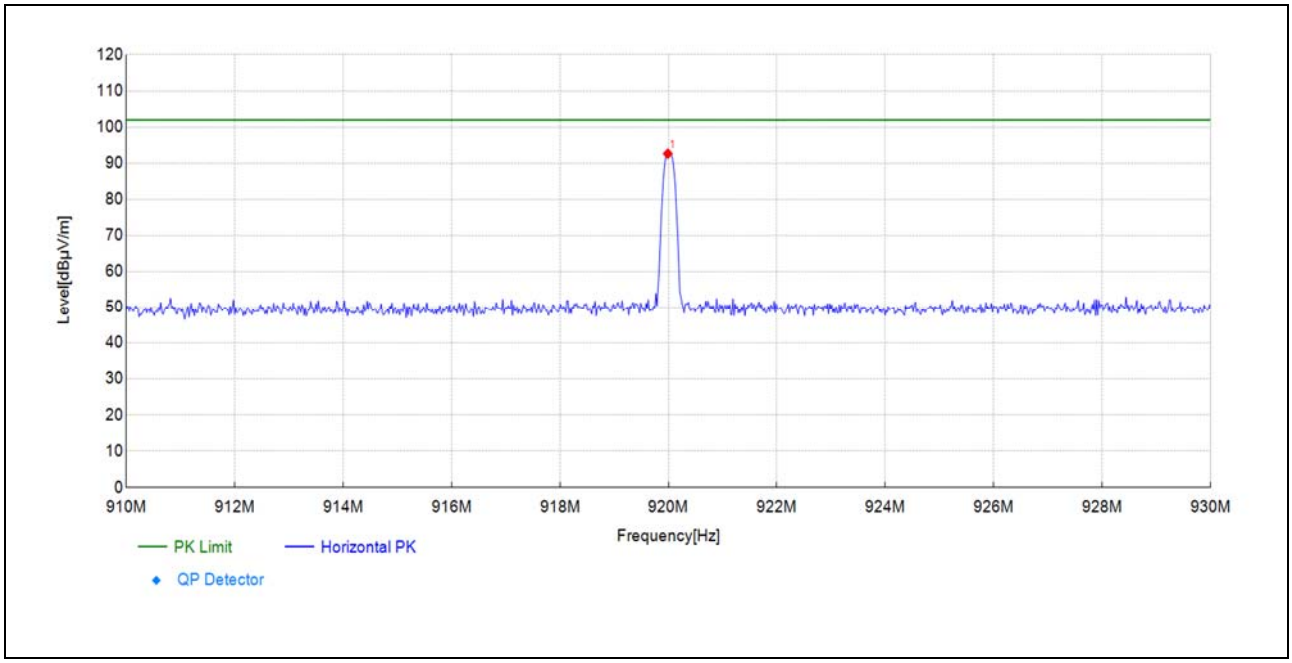



Keysight Spectrum Analyzer - Swept SA
Marker 3 Δ 199.933 ms
NFE
PNO: Wide
IFGain:Low
Trig: Free Run
Atten: 10 dB
Avg Type: Voltage
01:48:57 PM Feb 03, 2026
ΔMkr3 199.9 ms
2.59 dB
10 dB/div
Ref 0.00 dBm
Log
1
2Δ1
3Δ1
Center 920.000000 MHz
Res BW (CISPR) 120 kHz
VBW 910 kHz
Span 0 Hz
Sweep 500.0 ms (1001 pts)
1 N 1 t 57.57 ms -48.37 dBm
2 Δ1 1 t (Δ) 15.93 ms (Δ) -1.10 dB
3 Δ1 1 t (Δ) 199.9 ms (Δ) 2.59 dB
Properties
Select Marker 3
Relative To 1
X Axis Scale Time
Auto Man
Marker Trace [Trace1, Auto Init]
Lines On Off
MSG
STATUS

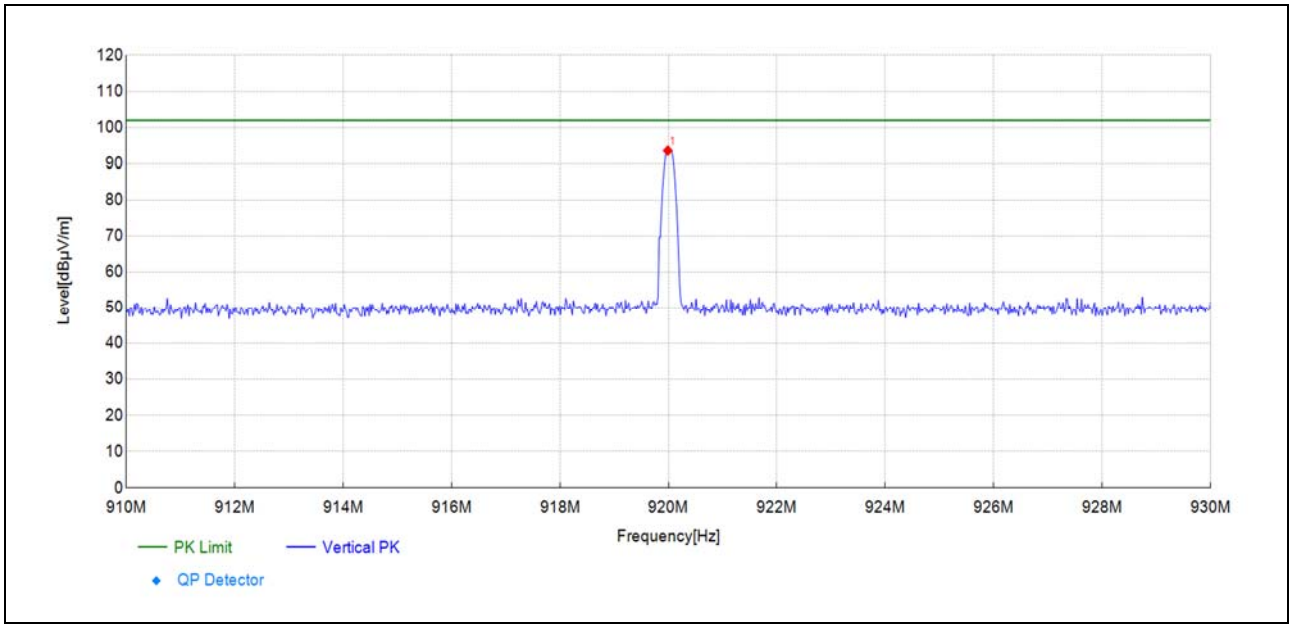
(Duty cycle)

A. Field strength of fundamental

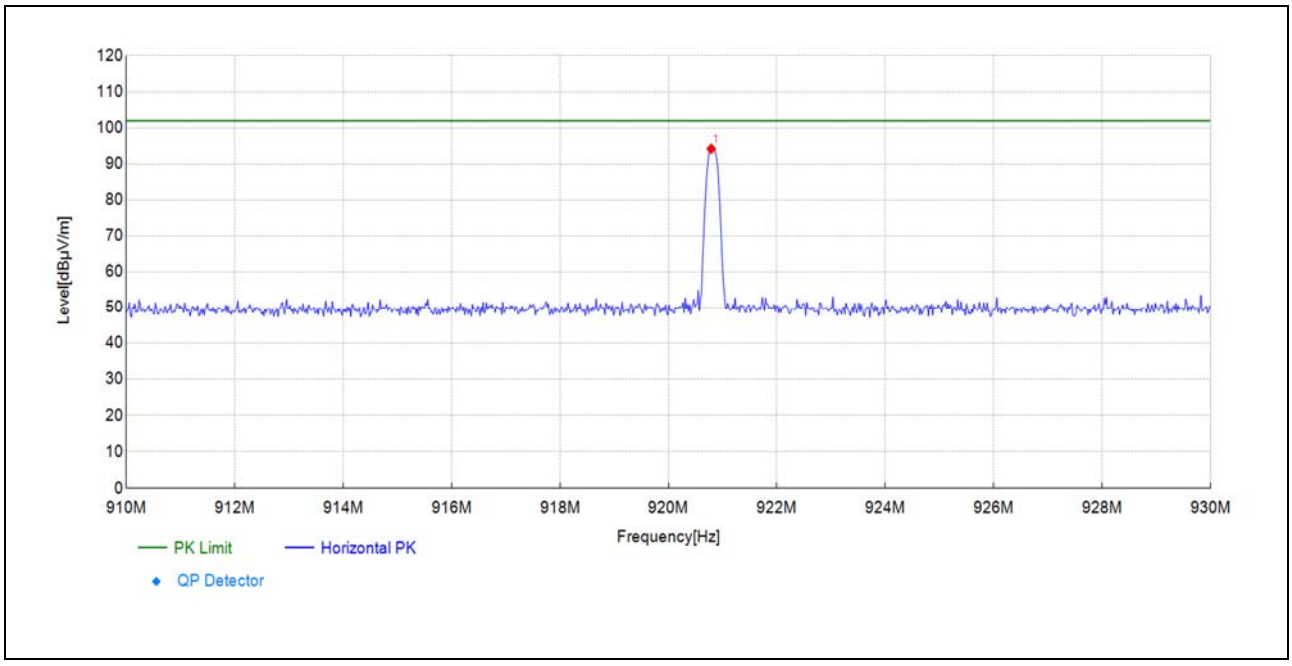
Fre. (MHz)	ANT	Receiver Reading U_R(PK) (dBuV)	AT (dB)	A_{Factor} (dB@ 3m)	Final Emission _PK (dBuV/m)	Limit-PK (dBμV/m)	AV factor (dB)	Final Emission _AV (dBuV/m)	Limit-AV (dBμV/m)	Verdict
920	H	64.3	6.03	28.33	92.63	101.94	-15.92	76.71	81.94	PASS
920	V	65.24	6.03	28.33	93.57	101.94	-15.92	77.65	81.94	PASS
920.8	H	65.91	6.04	28.33	94.24	101.94	-15.92	78.32	81.94	PASS
920.8	V	65.51	6.04	28.33	93.84	101.94	-15.92	77.92	81.94	PASS



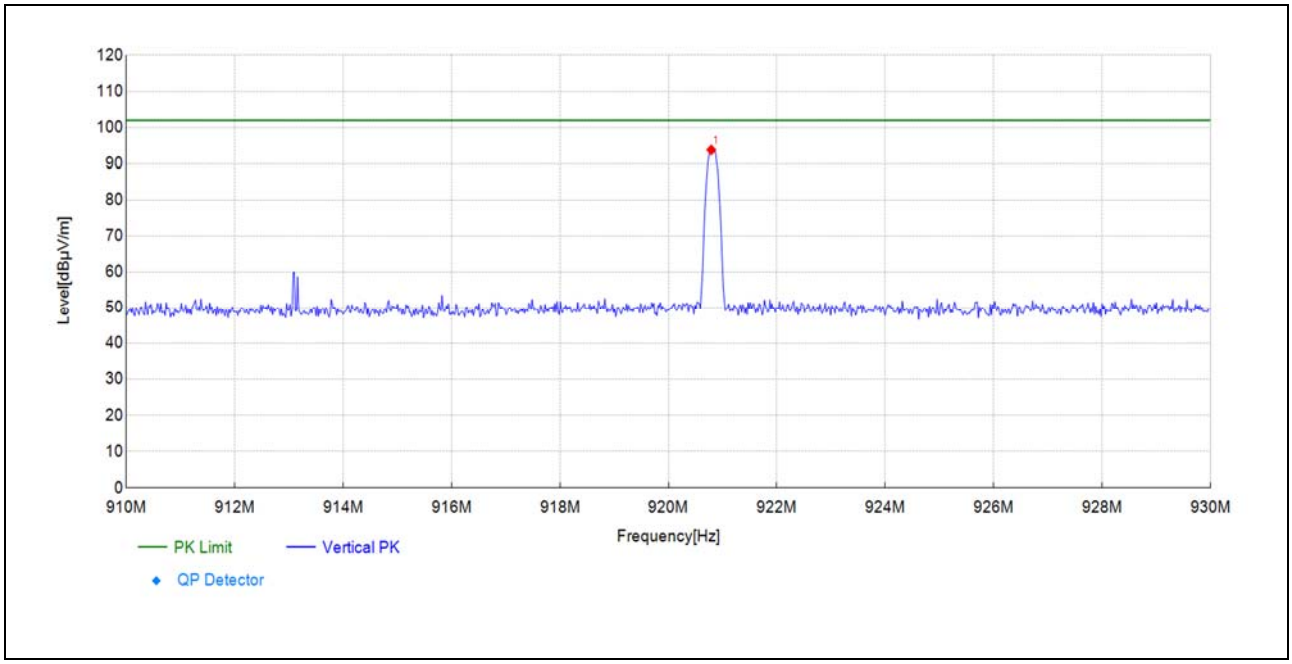
(920.0MHz, Antenna Horizontal)



(920.0MHz, Antenna Vertical)



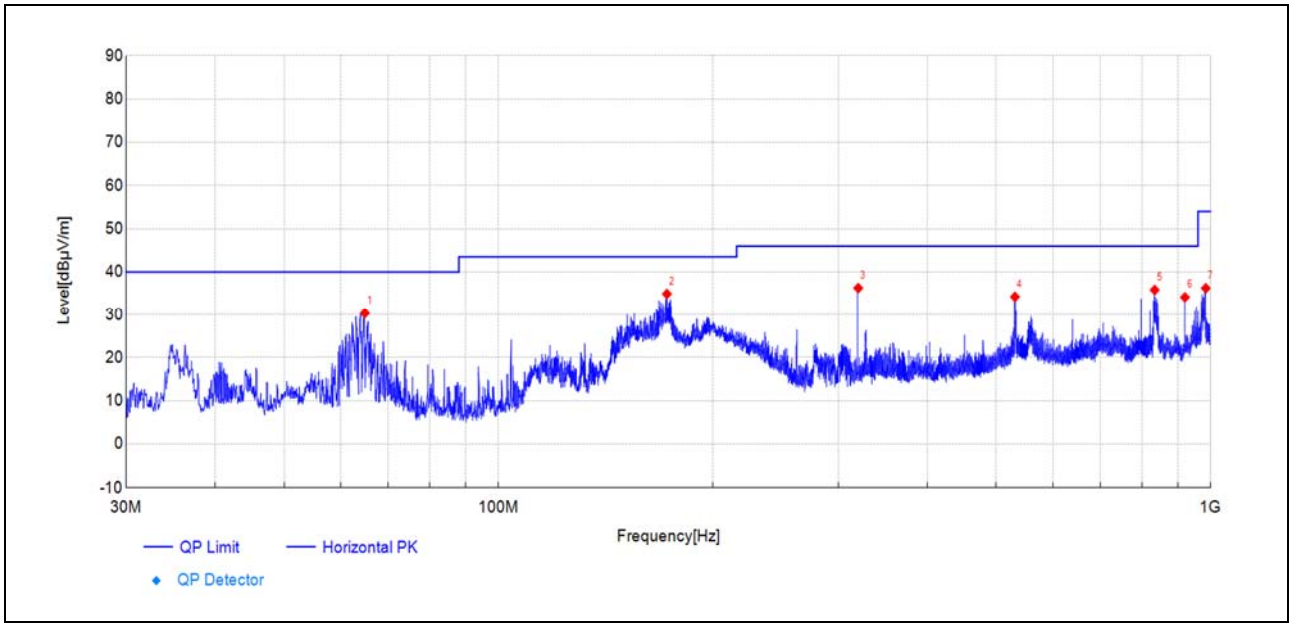
(920.8MHz, Antenna Horizontal)



(920.8MHz, Antenna Vertical)

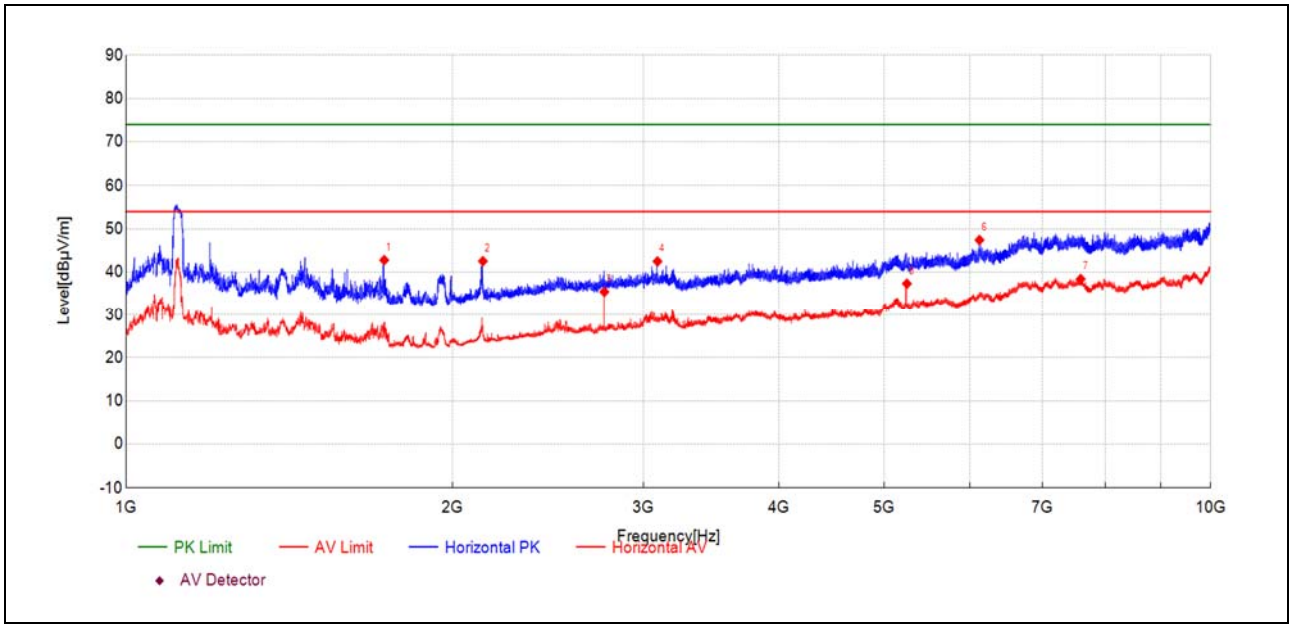
B. Radiated emission

Plot for 920.0MHz



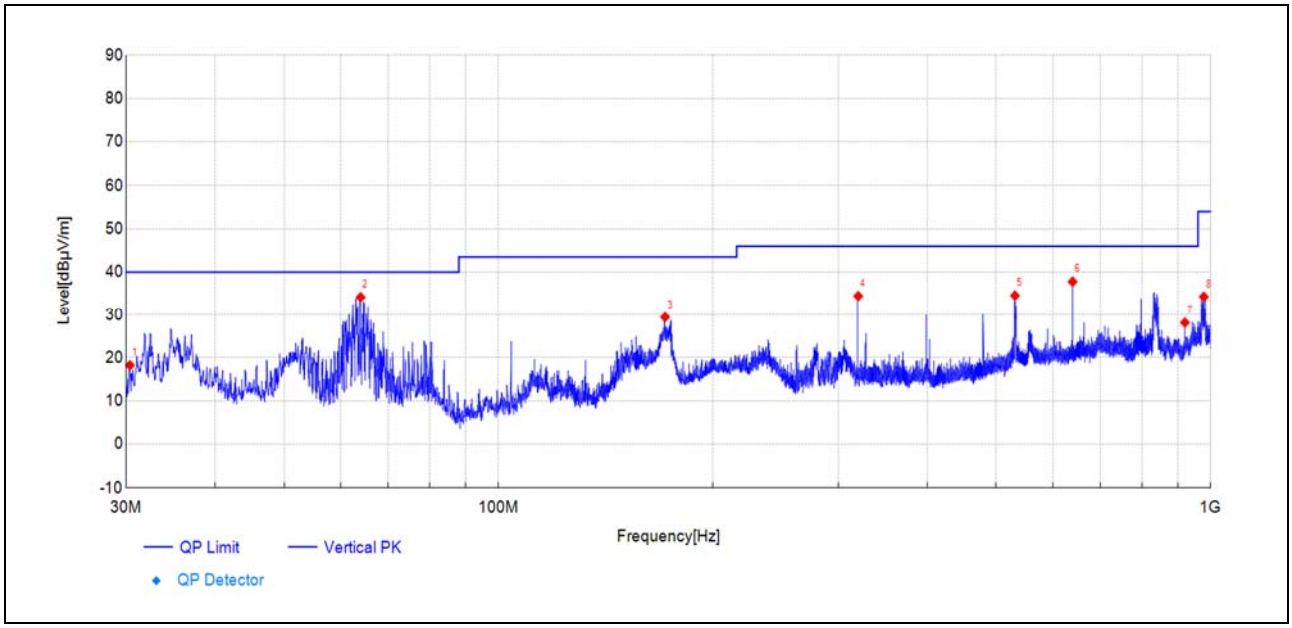
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
64.92	59.4	30.30	-29.110	40.00	9.70	54	PK	Horizontal	PASS
172.40	65.4	34.91	-30.490	43.50	8.59	84	PK	Horizontal	PASS
320.00	61.1	36.27	-24.780	46.00	9.73	114	PK	Horizontal	PASS
531.08	52.8	34.23	-18.600	46.00	11.77	110	PK	Horizontal	PASS
834.27	49.3	35.83	-13.510	46.00	10.17	149	PK	Horizontal	PASS
920.02	45.8	34.13	-11.690	-	-	351	PK	Horizontal	NA
984.19	47.7	36.23	-11.430	54.00	17.77	33	PK	Horizontal	PASS



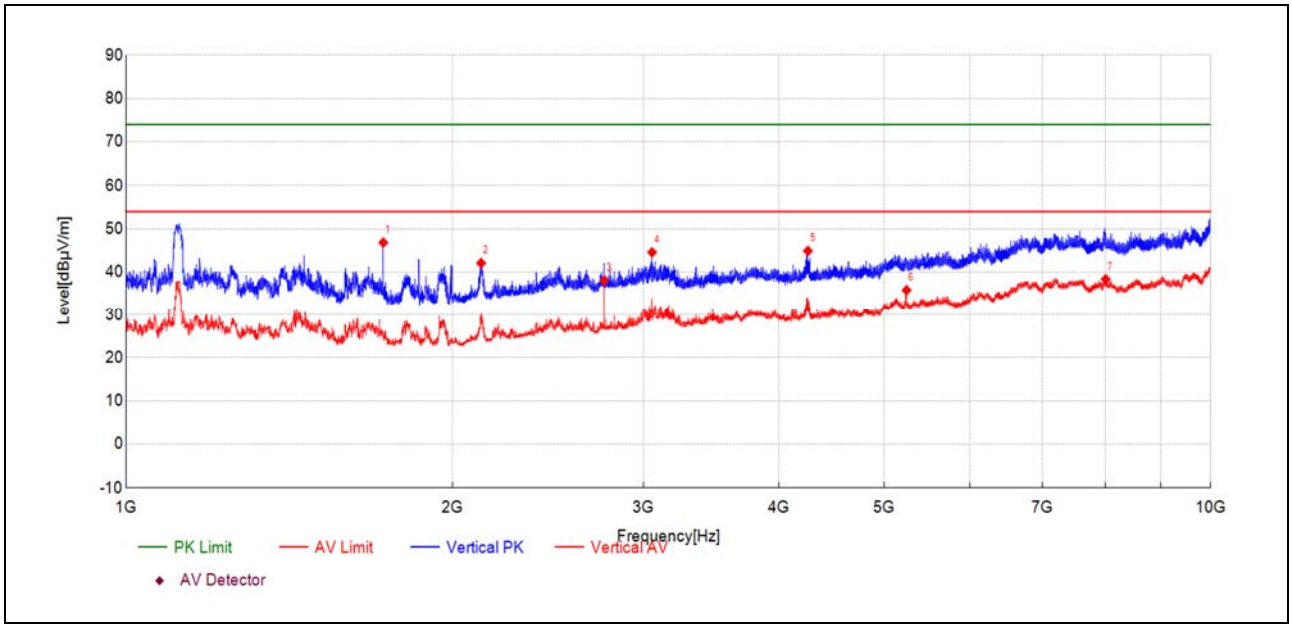
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1730.15	61.7	42.78	-18.920	74.00	31.22	194	PK	Horizontal	PASS
2133.03	58.8	42.53	-16.230	74.00	31.47	26	PK	Horizontal	PASS
2760.35	48.2	35.43	-12.730	54.00	18.57	346	AV	Horizontal	PASS
3090.07	53.2	42.48	-10.750	74.00	31.52	73	PK	Horizontal	PASS
5247.15	40.2	37.32	-2.890	54.00	16.68	233	AV	Horizontal	PASS
6121.27	46.3	47.42	1.100	74.00	26.58	336	PK	Horizontal	PASS
7588.11	33.6	38.40	4.830	54.00	15.60	9	AV	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

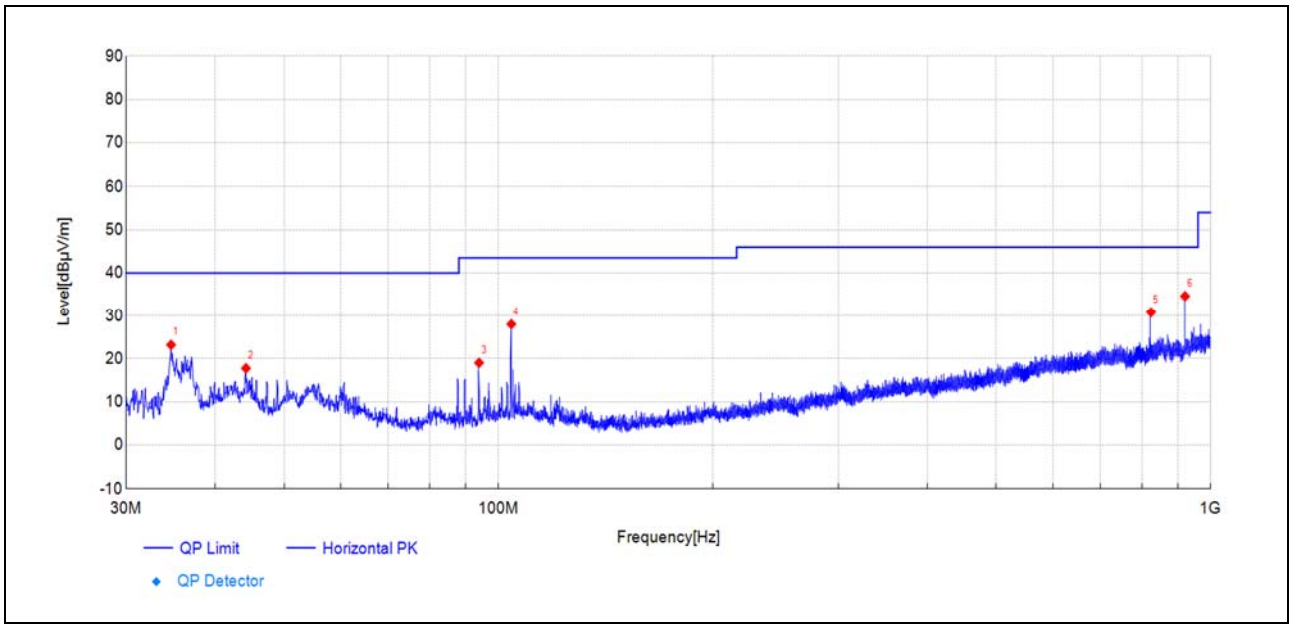
Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
30.39	48.9	18.23	-30.680	40.00	21.77	161	PK	Vertical	PASS
64.05	63.3	34.17	-29.120	40.00	5.83	147	PK	Vertical	PASS
171.38	60.1	29.42	-30.710	43.50	14.08	201	PK	Vertical	PASS
320.00	59.2	34.44	-24.780	46.00	11.56	55	PK	Vertical	PASS
531.08	53.2	34.55	-18.600	46.00	11.45	216	PK	Vertical	PASS
640.02	54.3	37.77	-16.520	46.00	8.23	40	PK	Vertical	PASS
920.02	39.8	28.12	-11.690	-	-	347	PK	Vertical	NA
977.93	45.7	34.28	-11.380	54.00	19.72	25	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 10GHz)

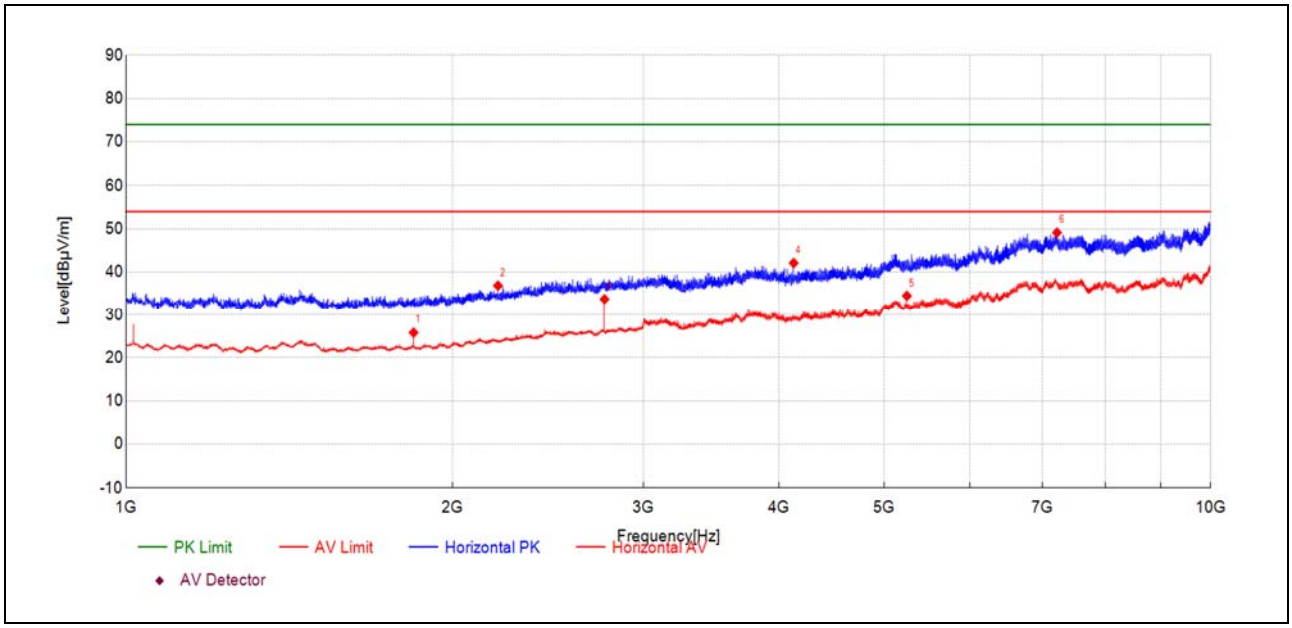
Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1726.55	65.8	46.83	-18.950	74.00	27.17	108	PK	Vertical	PASS
2125.03	58.4	42.09	-16.290	74.00	31.91	44	PK	Vertical	PASS
2760.35	50.8	38.06	-12.730	54.00	15.94	338	AV	Vertical	PASS
3055.07	55.4	44.58	-10.800	74.00	29.42	9	PK	Vertical	PASS
4252.15	52.1	44.91	-7.190	74.00	29.09	120	PK	Vertical	PASS
5242.95	38.8	35.82	-2.950	54.00	18.18	317	AV	Vertical	PASS
8001.13	33.2	38.36	5.150	54.00	15.64	56	AV	Vertical	PASS

Plot for 920.4MHz



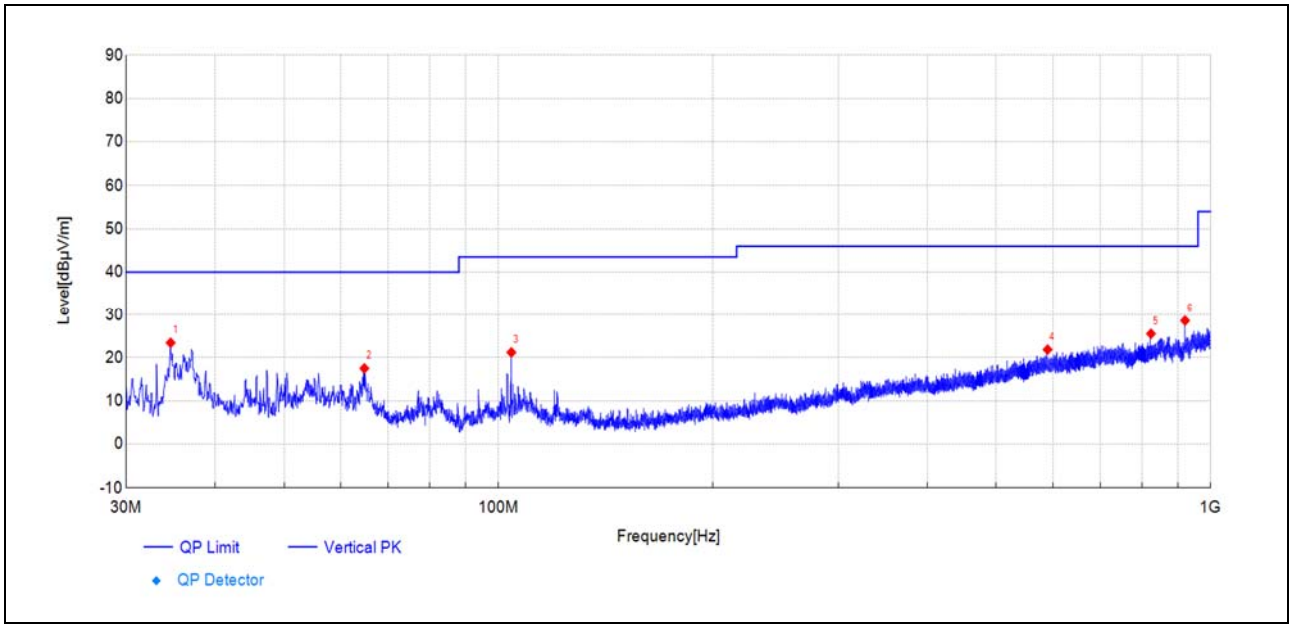
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
34.70	53.1	23.18	-29.890	40.00	16.82	322	PK	Horizontal	PASS
44.21	45.6	17.75	-27.860	40.00	22.25	336	PK	Horizontal	PASS
93.93	49.5	19.03	-30.470	43.50	24.47	2	PK	Horizontal	PASS
104.26	57.4	27.98	-29.460	43.50	15.52	39	PK	Horizontal	PASS
824.47	44.7	30.80	-13.870	46.00	15.20	74	PK	Horizontal	PASS
920.41	46.3	34.60	-11.730	-	-	80	PK	Horizontal	NA



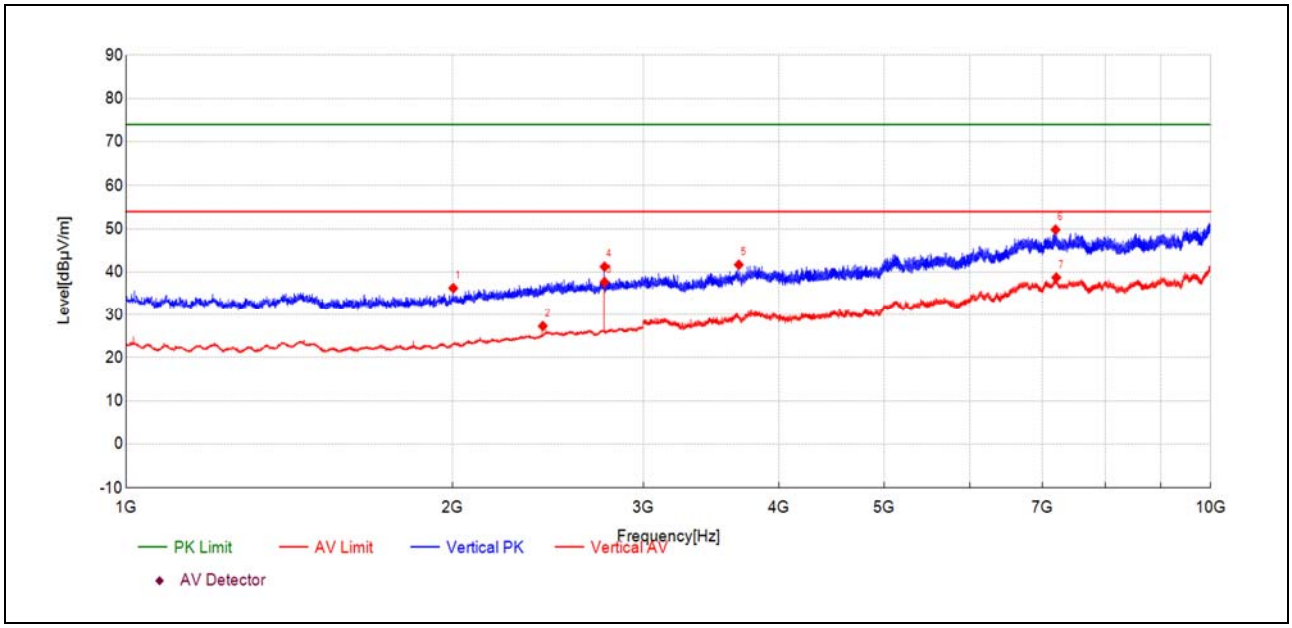
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1841.37	44.1	25.79	-18.320	54.00	28.21	51	AV	Horizontal	PASS
2202.64	52.5	36.86	-15.680	74.00	37.14	230	PK	Horizontal	PASS
2761.55	46.4	33.71	-12.730	54.00	20.29	138	AV	Horizontal	PASS
4126.14	50.2	42.11	-8.120	74.00	31.89	57	PK	Horizontal	PASS
5246.68	37.4	34.49	-2.900	54.00	19.51	65	AV	Horizontal	PASS
7215.21	44.2	49.13	4.890	74.00	24.87	339	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

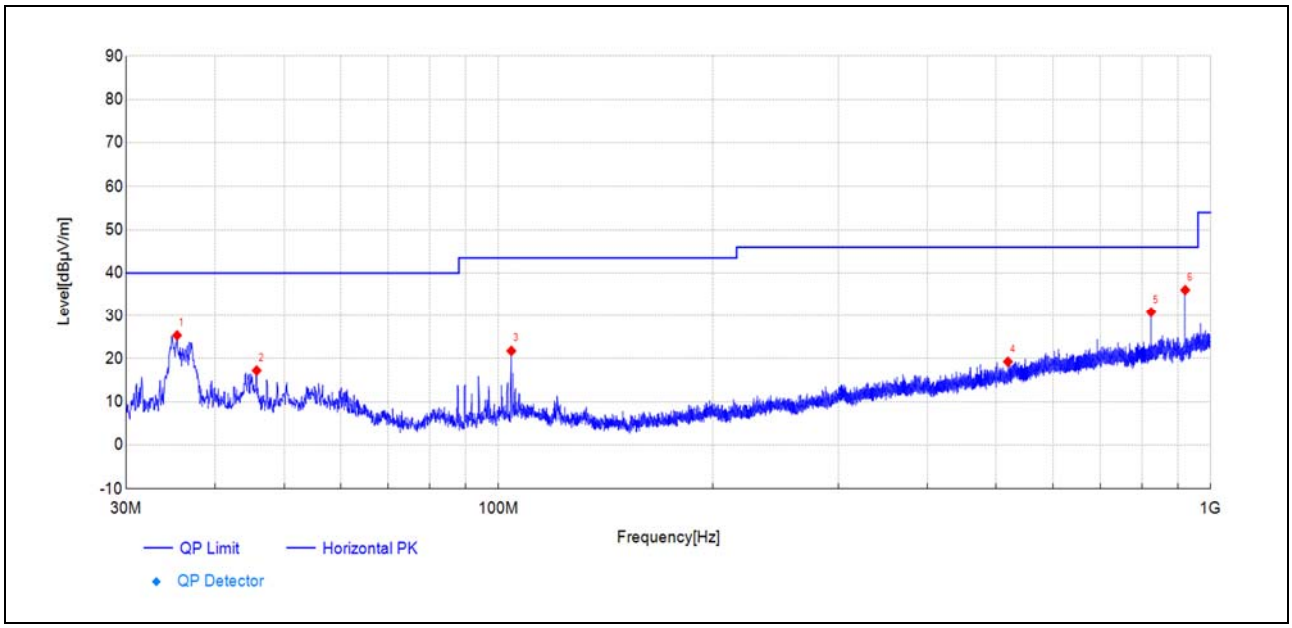
Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
34.66	53.3	23.43	-29.880	40.00	16.57	232	PK	Vertical	PASS
64.82	46.6	17.51	-29.110	40.00	22.49	318	PK	Vertical	PASS
104.26	50.7	21.20	-29.460	43.50	22.30	343	PK	Vertical	PASS
590.15	38.8	21.86	-16.970	46.00	24.14	24	PK	Vertical	PASS
824.37	39.4	25.53	-13.880	46.00	20.47	221	PK	Vertical	PASS
920.41	40.3	28.59	-11.730	-	-	75	PK	Vertical	NA



(Antenna Vertical, 1GHz to 10GHz)

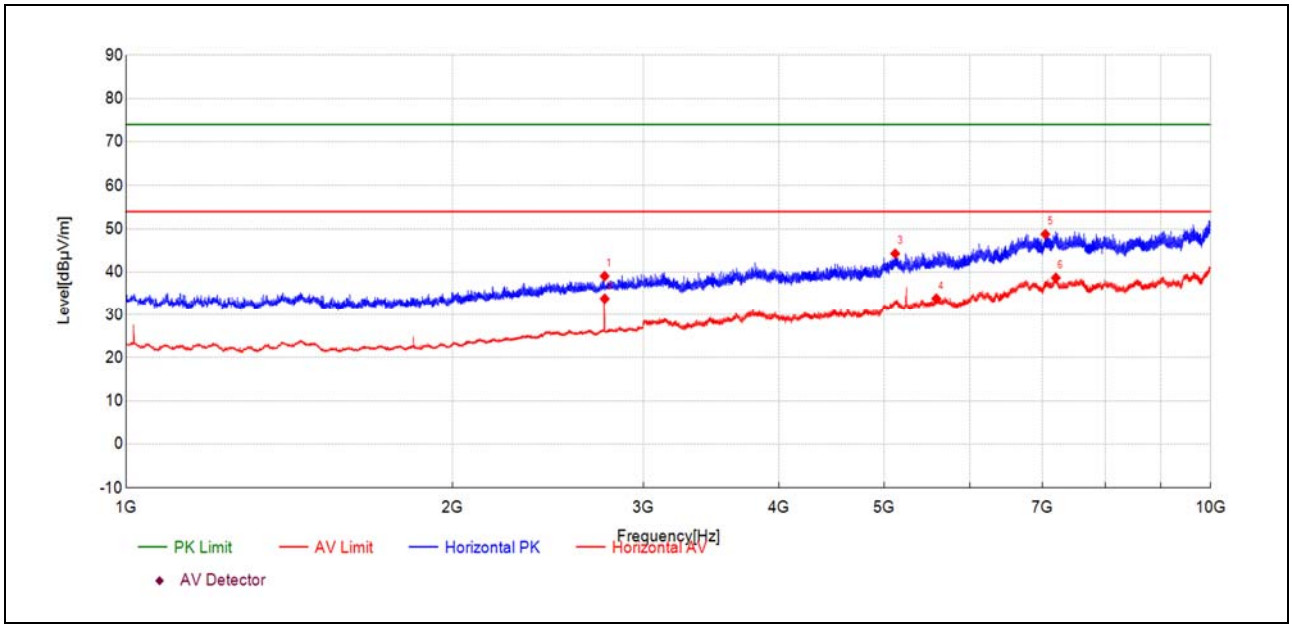
Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2003.00	53.5	36.28	-17.250	74.00	37.72	203	PK	Vertical	PASS
2422.28	41.2	27.31	-13.920	54.00	26.69	14	AV	Vertical	PASS
2761.55	50.4	37.71	-12.730	54.00	16.29	153	AV	Vertical	PASS
2761.55	54.0	41.24	-12.730	74.00	32.76	153	PK	Vertical	PASS
3672.51	50.7	41.71	-9.020	74.00	32.29	97	PK	Vertical	PASS
7194.21	44.8	49.81	5.060	74.00	24.19	17	PK	Vertical	PASS
7205.41	33.7	38.73	5.040	54.00	15.27	26	AV	Vertical	PASS

Plot for 920.8MHz



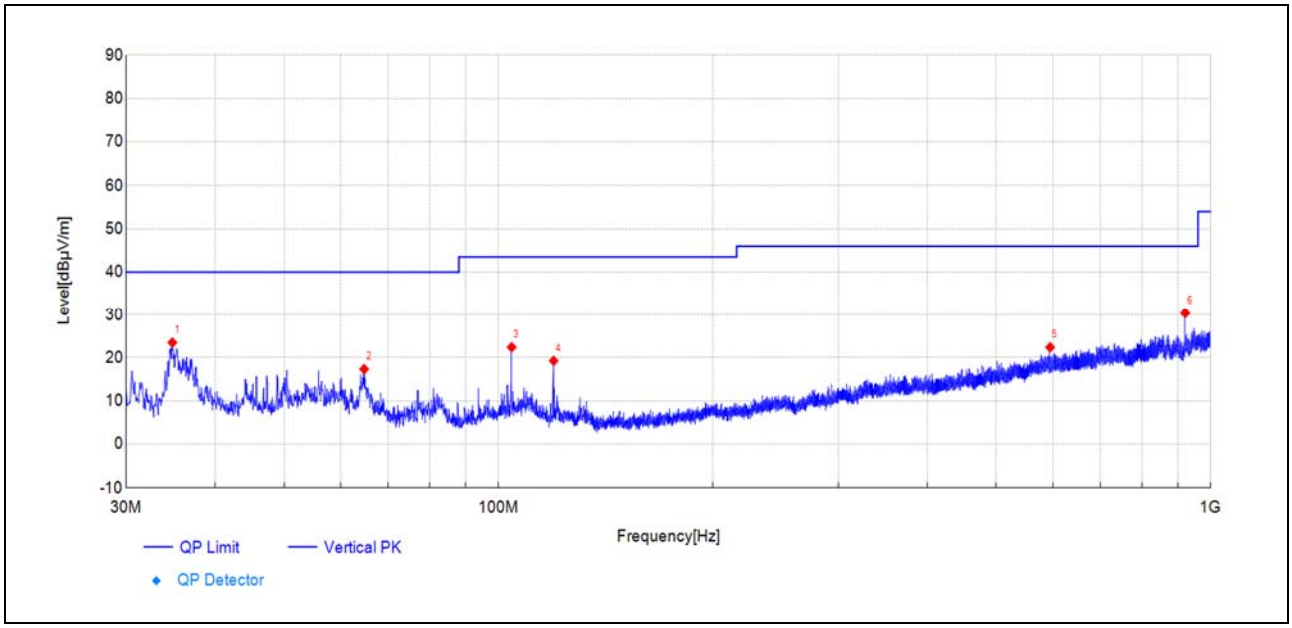
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.38	55.2	25.37	-29.790	40.00	14.63	290	PK	Horizontal	PASS
45.76	45.6	17.22	-28.390	40.00	22.78	351	PK	Horizontal	PASS
104.26	51.2	21.76	-29.460	43.50	21.74	214	PK	Horizontal	PASS
519.15	39.1	19.26	-19.830	46.00	26.74	139	PK	Horizontal	PASS
824.86	44.7	30.83	-13.840	46.00	15.17	290	PK	Horizontal	PASS
920.84	47.8	36.05	-11.770	-	-	275	PK	Horizontal	NA



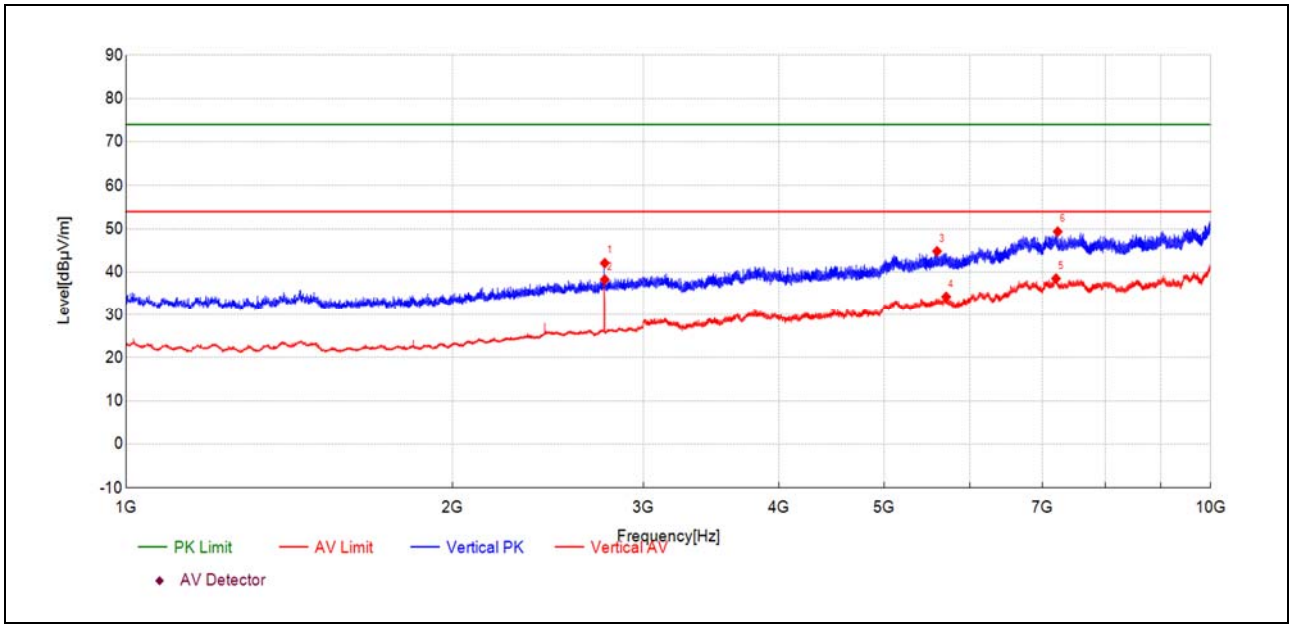
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2761.95	51.8	39.07	-12.730	74.00	34.93	199	PK	Horizontal	PASS
2762.75	46.6	33.83	-12.740	54.00	20.17	117	AV	Horizontal	PASS
5118.34	47.3	44.27	-3.050	74.00	29.73	9	PK	Horizontal	PASS
5585.51	35.5	33.85	-1.660	54.00	20.15	327	AV	Horizontal	PASS
7039.74	44.7	48.76	4.060	74.00	25.24	129	PK	Horizontal	PASS
7198.41	33.6	38.67	5.110	54.00	15.33	136	AV	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
34.85	53.4	23.49	-29.920	40.00	16.51	260	PK	Vertical	PASS
64.78	46.5	17.34	-29.110	40.00	22.66	346	PK	Vertical	PASS
104.35	51.8	22.40	-29.410	43.50	21.10	9	PK	Vertical	PASS
119.54	49.7	19.25	-30.490	43.50	24.25	296	PK	Vertical	PASS
595.00	39.9	22.39	-17.550	46.00	23.61	260	PK	Vertical	PASS
920.84	42.1	30.36	-11.770	-	-	85	PK	Vertical	NA



(Antenna Vertical, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2762.75	54.8	42.07	-12.740	74.00	31.93	101	PK	Vertical	PASS
2762.75	51.0	38.27	-12.740	54.00	15.73	101	AV	Vertical	PASS
5593.91	46.3	44.82	-1.500	74.00	29.18	302	PK	Vertical	PASS
5703.11	35.0	34.27	-0.760	54.00	19.73	318	AV	Vertical	PASS
7200.28	33.4	38.51	5.120	54.00	15.49	190	AV	Vertical	PASS
7226.42	44.6	49.36	4.720	74.00	24.64	310	PK	Vertical	PASS

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test Items	Uncertainty
Bandwidth	±5%
Radiated Emission	±2.95dB

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

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipment Utilized

4.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2025.12.23	2026.12.22
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2025.09.03	2026.09.02

4.2 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
JS32-RE	Tonscend	5.0.0

4.3 Radiated Test Equipment

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2025.06.20	2026.06.19
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2025.09.03	2026.09.02
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18

Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5.Conformity declaration:

☑ Morlab issues a statement of conformity based on the corresponding standards (default)

☐ Morlab issues a statement of conformity based on the applicant requirement

6.Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty (“simple acceptanc

END OF REPORT