REPORT No.: SZ25010202W01

TEST REPORT

APPLICANT	:	Anker Innovations Limited
PRODUCT NAME	:	eufy Indoor Siren E20
MODEL NAME	:	T90R0
BRAND NAME	:	eufy
FCC ID	:	2AOKB-T90R0
STANDARD(S)	:	47 CFR Part 15 Subpart C
RECEIPT DATE	:	2025-05-28
TEST DATE	:	2025-06-13 to 2025-06-18
ISSUE DATE	:	2025-07-31

Edited by: Peng Mi (Rapporteur)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2025-07-31	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 Indoor Siren E20
Sample No.:	1#, 2#
Hardware Version:	V2.0
Software Version:	V2.00.06
Operating Frequency Range:	920.0MHz, 920.2MHz, 920.4MHz, 920.6MHz, 920.8MHz
Channel Number:	5
Antenna Type:	Metal Antenna
Antenna Gain:	-2.74dBi

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	15.215	Bandwidth	Jun. 13, 2025	Li Xinpeng	PASS	/
3	15.207	Conducted Emission	N/A	N/A	N/A_{Note1}	N/A
4	15.249	Field strength	Jun. 18, 2025	Gao Jianrou	PASS	/
5	15.209, 15.249	Radiated Emission and field strength of harmonics	Jun. 18, 2025	Gao Jianrou	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 ANSIC63.10-2013.
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

The EUT has a permanently and irreplaceable attached antenna. Please refer to the EUT internal photos.

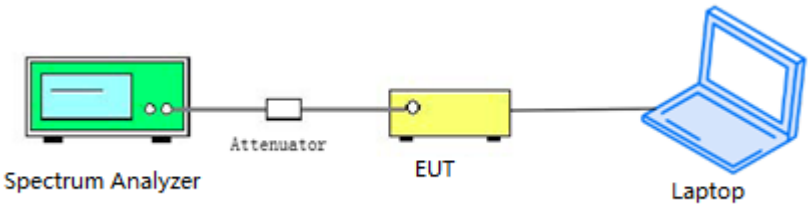
2.2. Bandwidth

2.2.1. Requirement

Refer to FCC 15.215

2.2.2. 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.

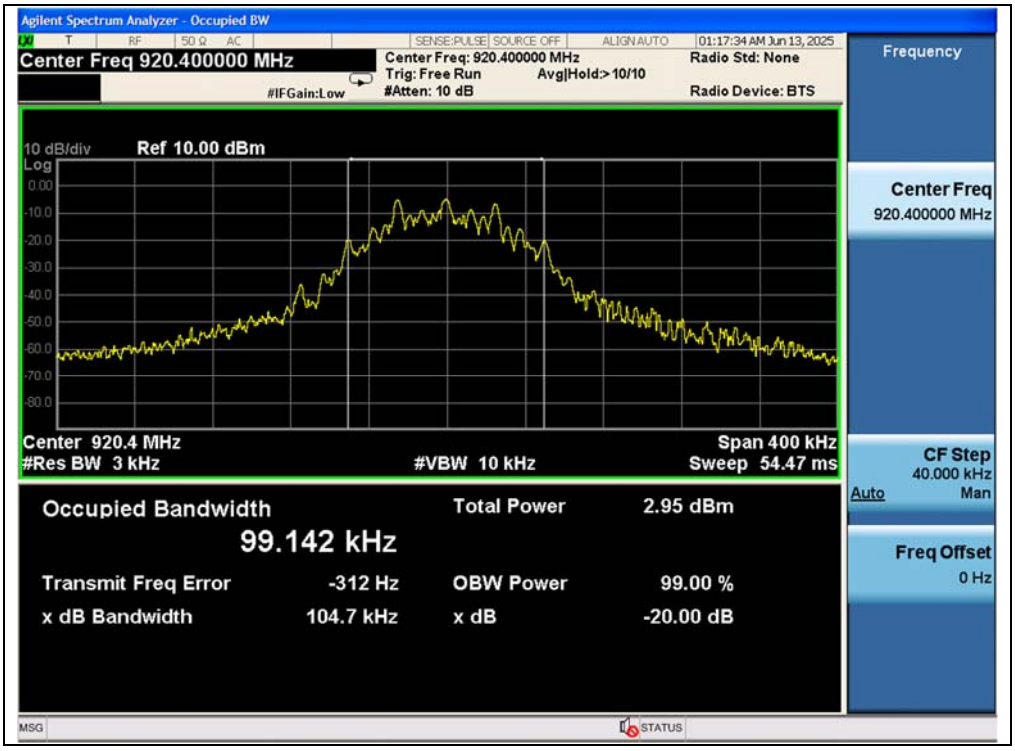
2.2.3. Test Result

A.Test Verdict:

Channel	Frequency (MHz)	20 dB Bandwidth (kHz)	Result
1	920.0	104.9	PASS
3	920.4	104.7	PASS
5	920.8	104.5	PASS

B.Test Plot:

(Channel 1, 920.0MHz)



(Channel 3, 920.4MHz)

(Channel 5, 920.8MHz)

2.3. Conducted Emission

2.3.1. 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

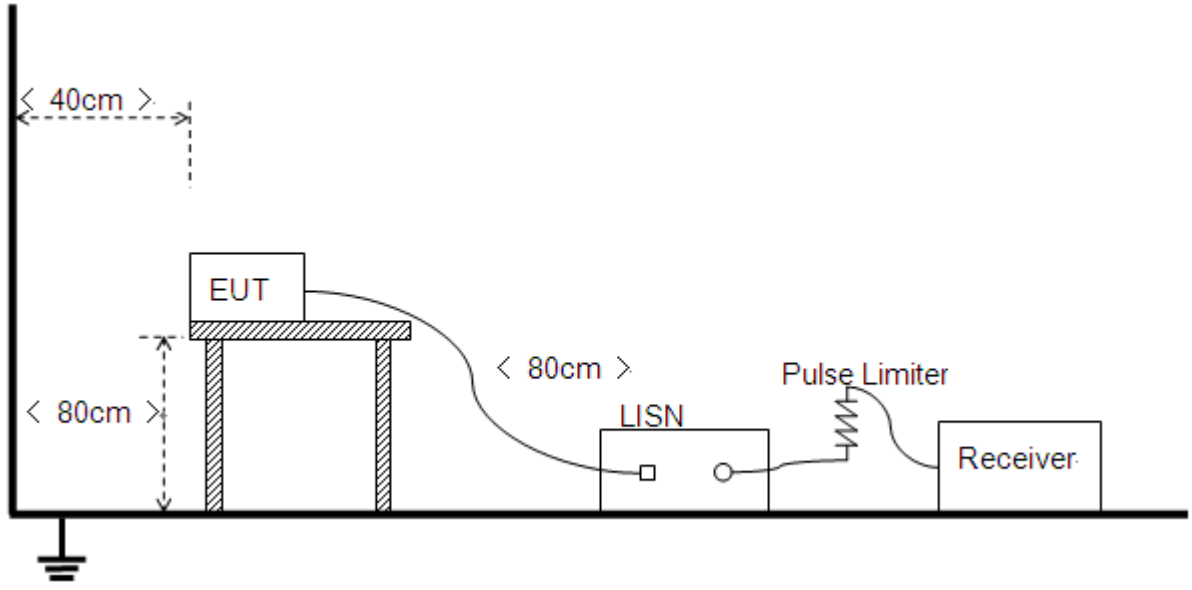
Note:

(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.

2.3.2. 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: 2013.

2.3.1. Test Result

This test case does not apply this kind of EUT.

2.4. Field Strength of Fundamental

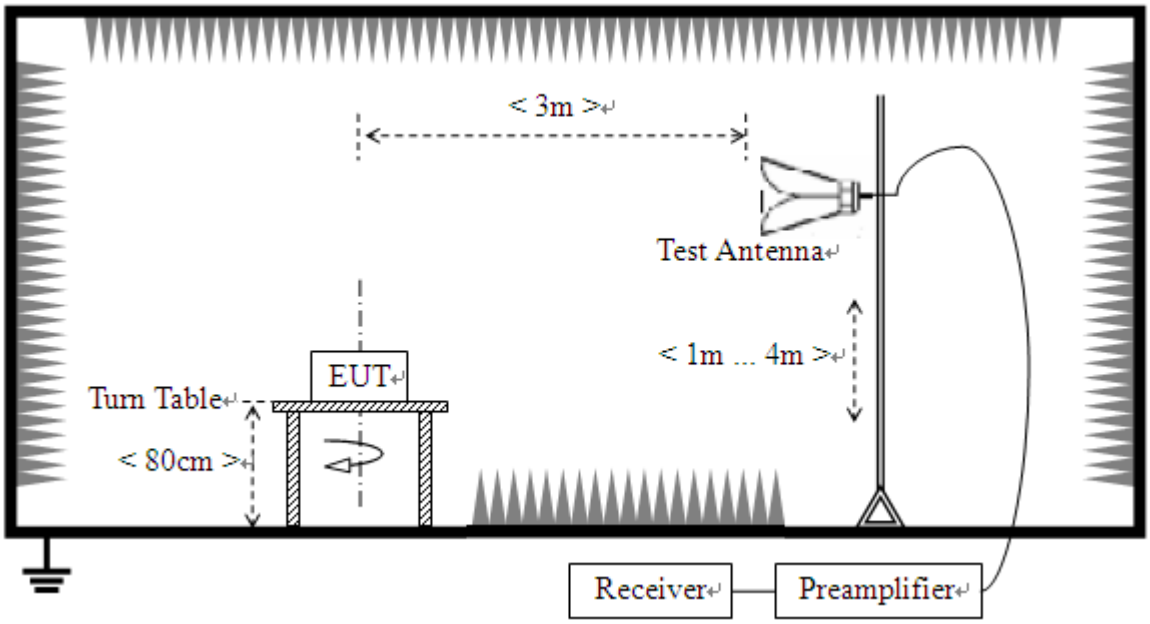
2.4.1. Requirement

According to FCC section 15.249(a), except as provided in paragraph (b) of this section, 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
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

2.4.2. Test Description

Test Setup:



The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

For the Test Antenna:

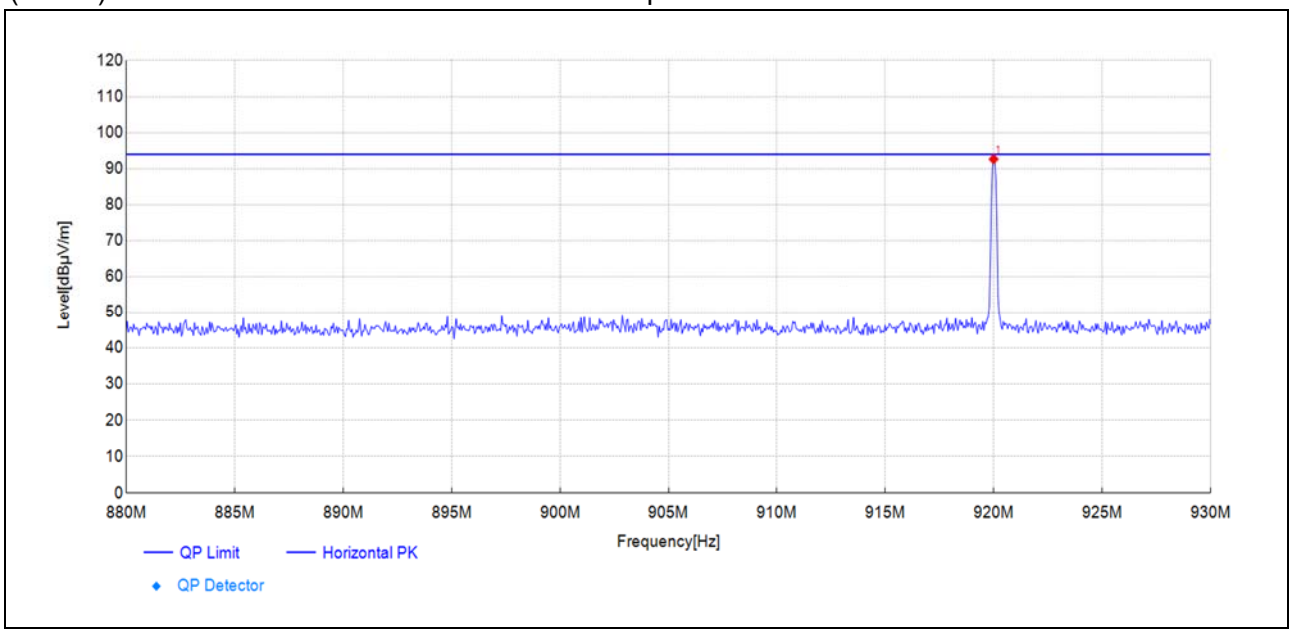
Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

2.4.3. Test Procedure

Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 120 kHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

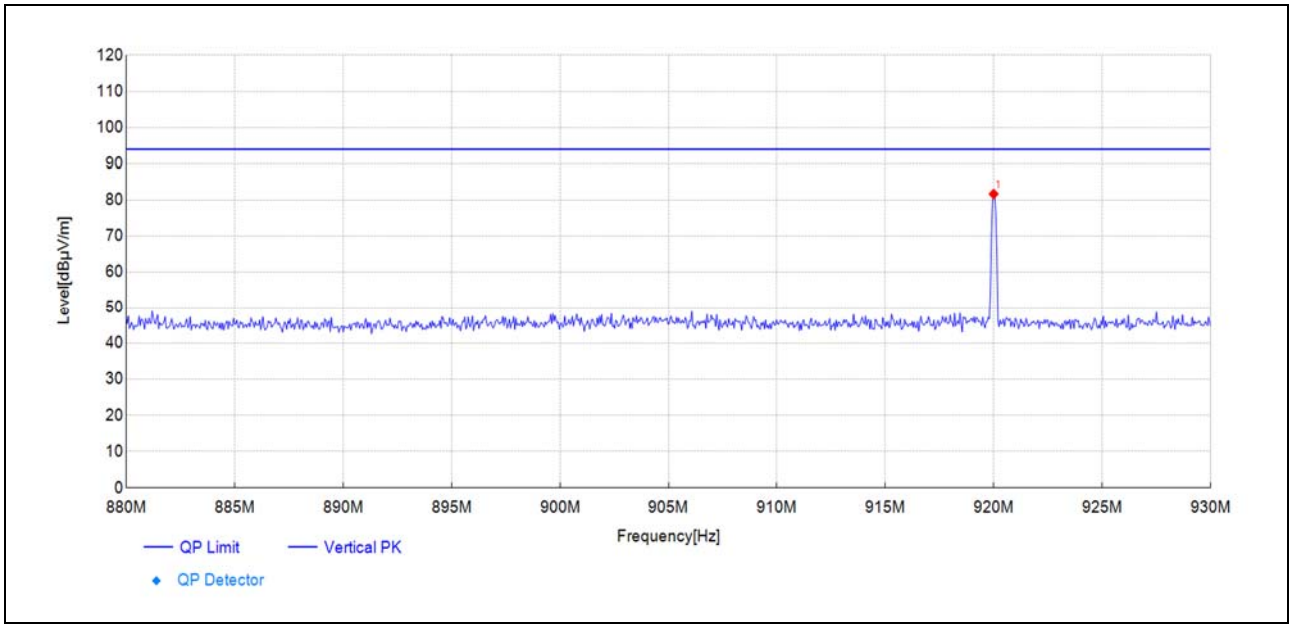
2.4.4. Test Result

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis (Z axis) test condition was recorded in this test report.



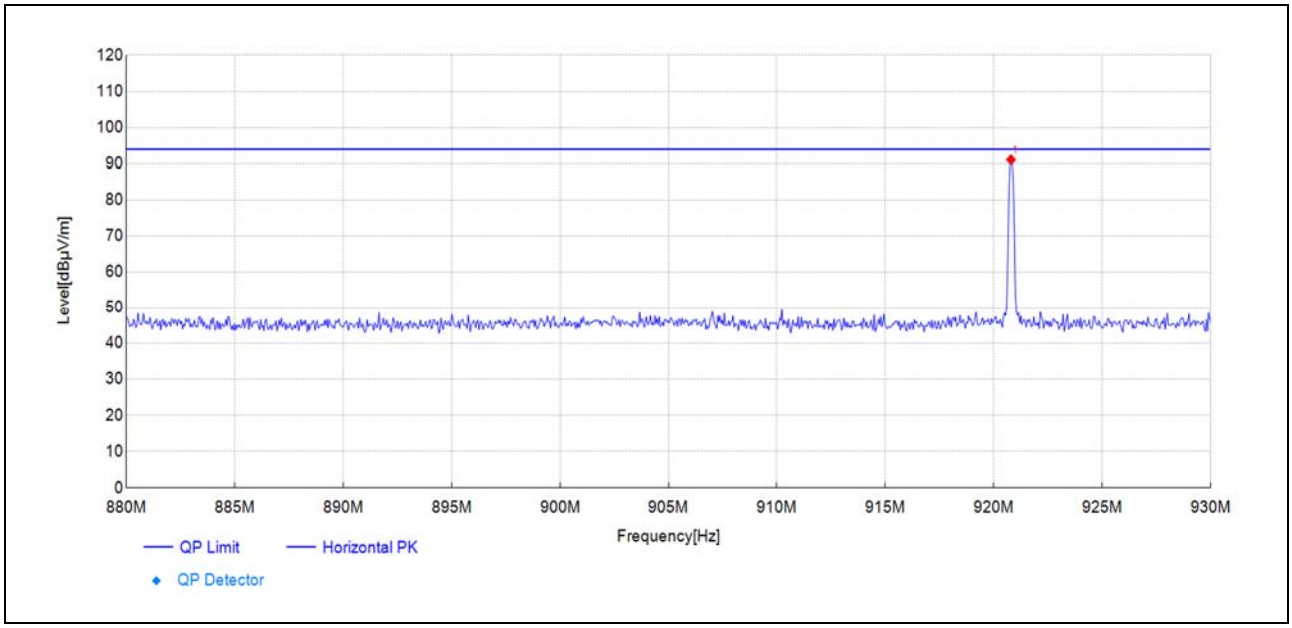
(920.0MHz, Antenna Horizontal)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
919.99	64.3	92.65	28.330	93.98	1.33	150	129	PK	PASS



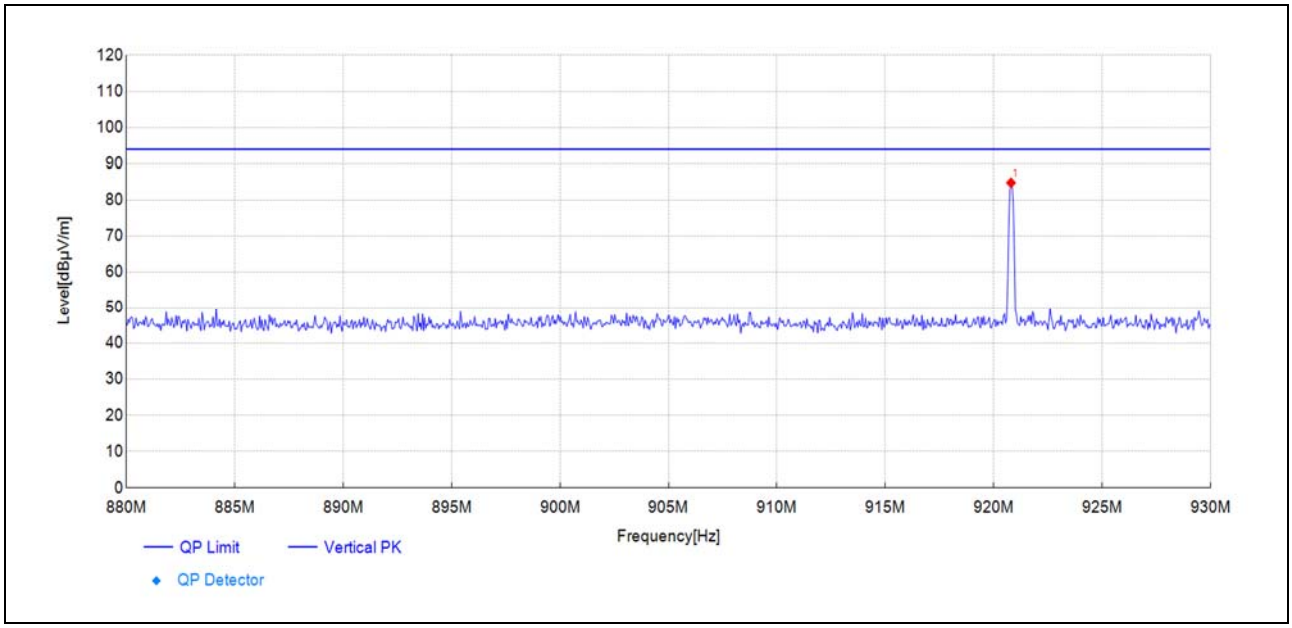
(920.0MHz, Antenna Vertical)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
919.99	53.4	81.69	28.330	93.98	12.29	150	57	PK	PASS



(920.8MHz, Antenna Horizontal)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
920.79	62.8	91.06	28.260	93.98	2.92	150	0	PK	PASS



(920.8MHz, Antenna Vertical)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
920.79	56.5	84.80	28.260	93.98	9.18	150	41	PK	PASS

2.5. Radiated Emission and Field Strength of Harmonics

2.5.1. Requirement

According to section 15.249(a), 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
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

According to section 15.249(d), Emission Radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in Section 15.209:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)	Field Strength Limitation at 3m Measurement Distance	
			(uV/m)	(dBuV/m)
0.009 - 0.490	2400/F(kHz)	300	10000* 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 - 1.705	24000/F(kHz)	30	100* 2400/F(KHz)	20log 2400/F(KHz) + 40
1.705 - 30.0	30	30	100*30	20log 30 + 40
30 - 88	100	3	100	20log 100
88 - 216	150	3	150	20log 150
216 - 960	200	3	200	20log 200
Above 960	500	3	500	20log 500

According to section 15.249(e), for frequencies above 1000MHz, the above field strength limits are based on average limits. The peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20dB under any condition of modulation.

Note:

1) The tighter limit shall apply at the boundary between two frequency range.

2) Limitation expressed in dBuV/m is calculated by 20log Emission Level(uV/m).

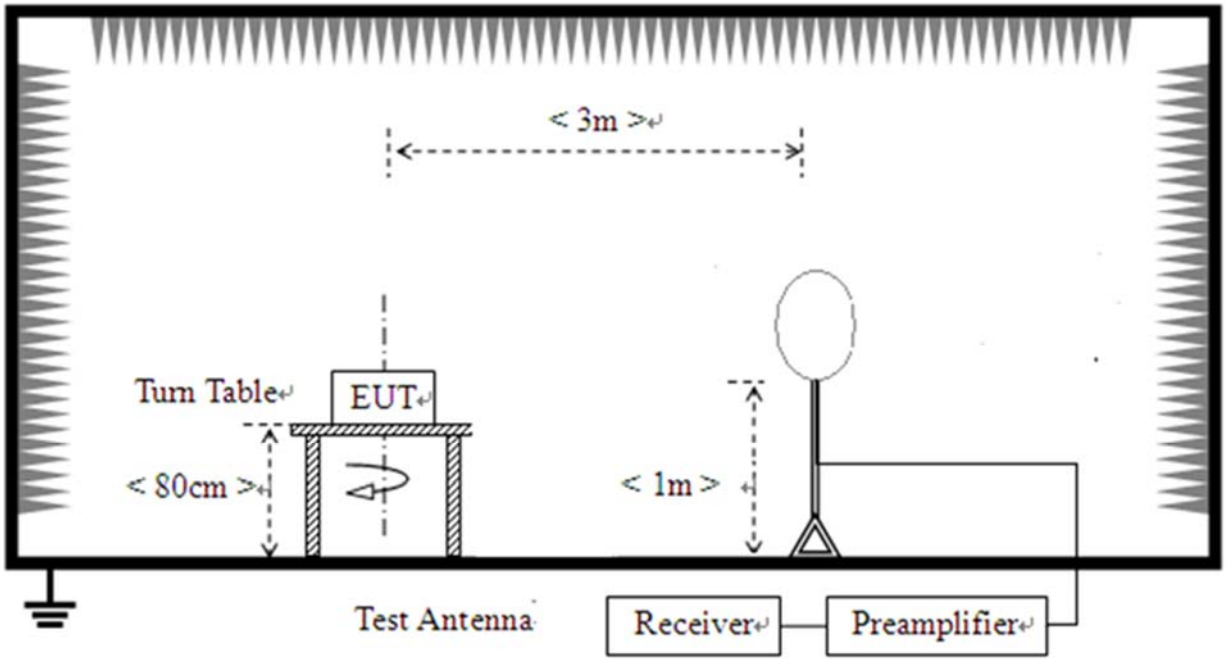
3) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula of Ld1 = Ld2 * $(d2/d1)^2$.

Example: F.S Limit at 30m distance is 30uV/m, then F.S Limitation at 3m distance is adjusted as Ld1 = L1 = 30uV/m * $(10)^2$ = 100 * 30uV/m

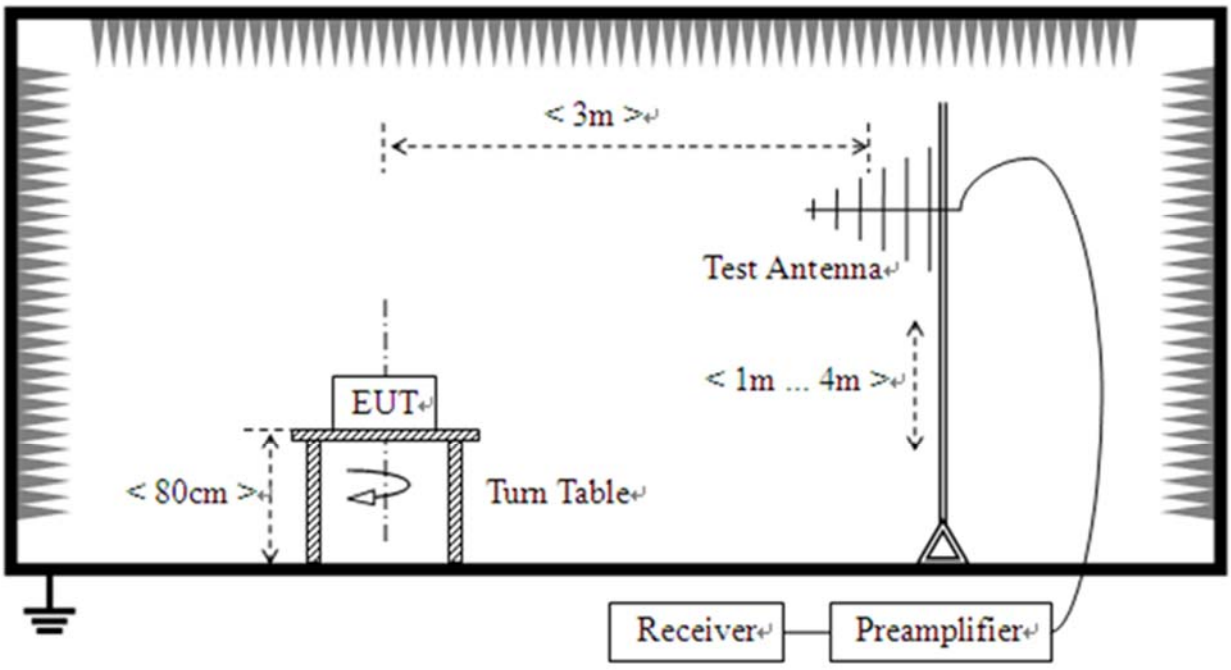
2.5.2. Test Description

Test Setup:

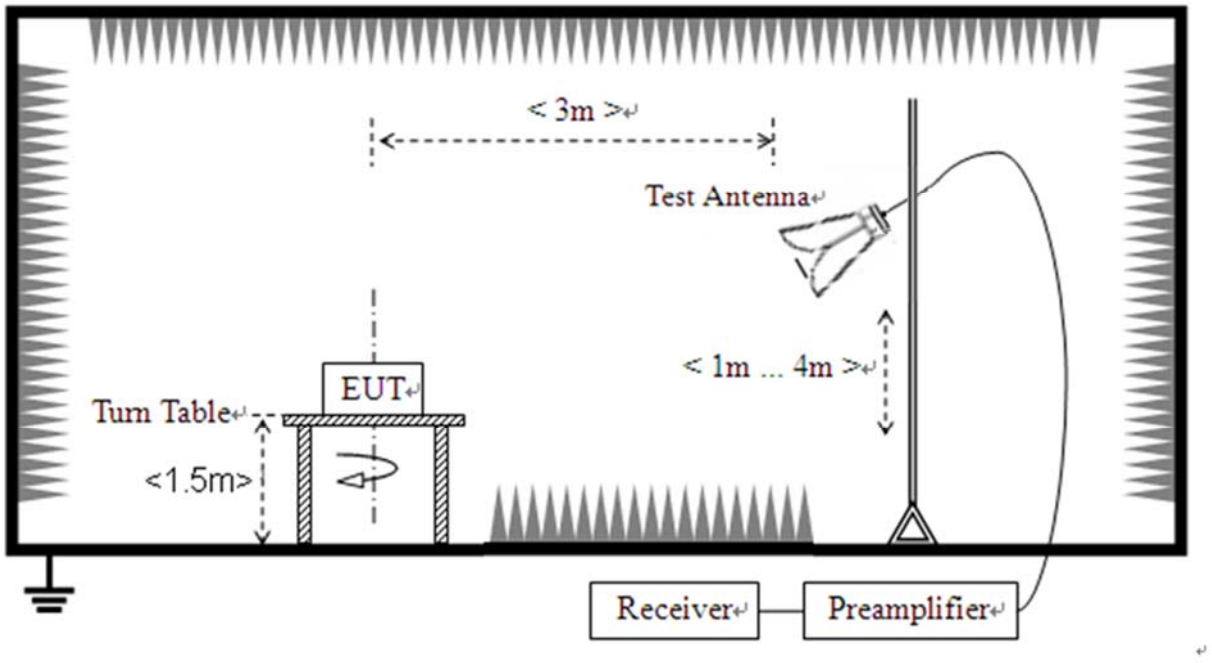
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



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

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

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

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

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. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

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

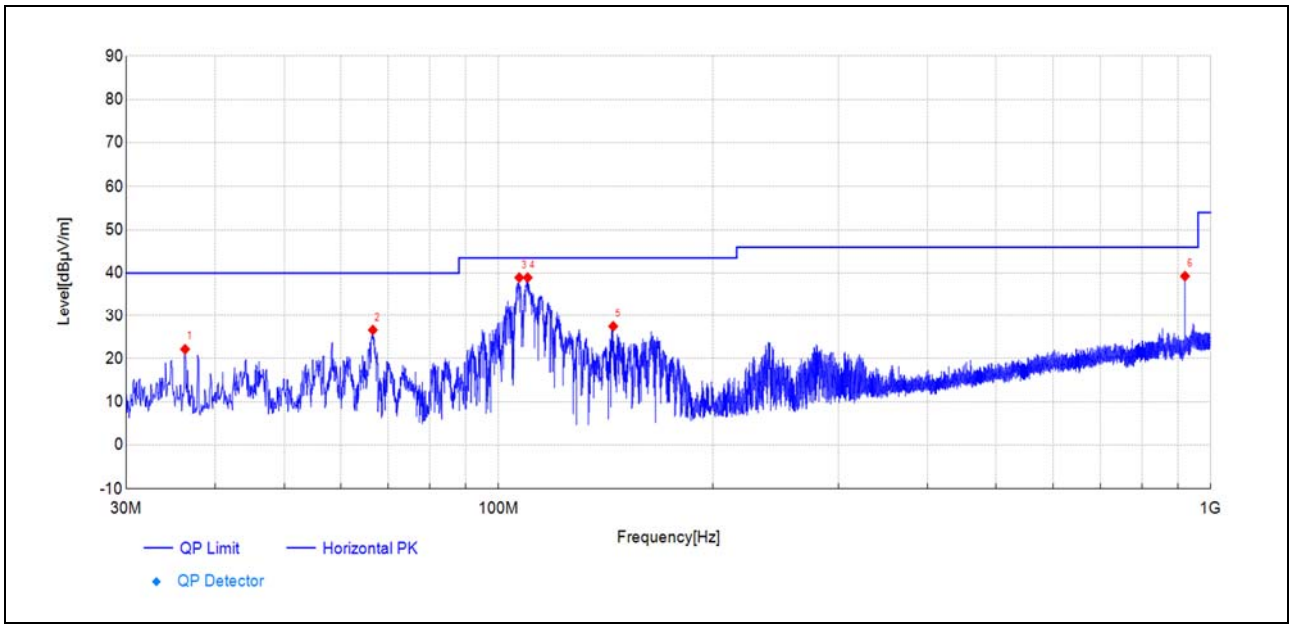
A_{Factor}: Antenna Factor at 3m

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

Note: 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.

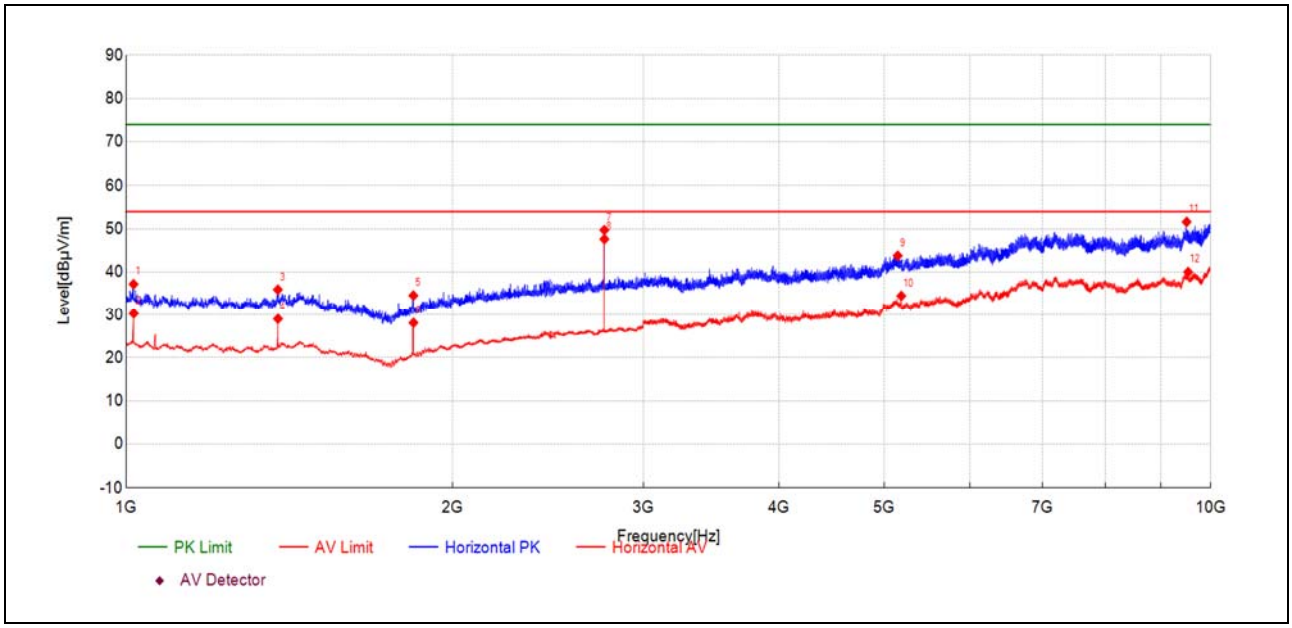
Note 2: The low frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

Plot for 920.0MHz



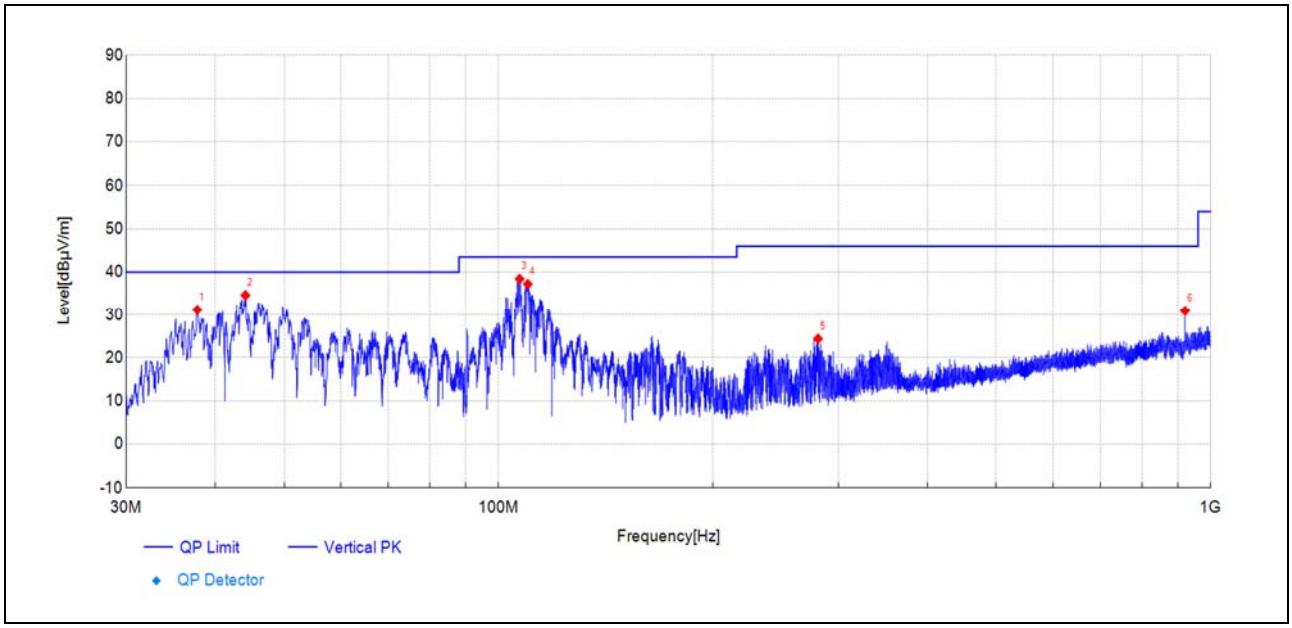
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	51.6	22.16	-29.430	40.00	17.84	150	33	PK	PASS
66.62	57.3	26.59	-30.690	40.00	13.41	150	257	PK	PASS
106.92	68.2	38.96	-29.200	43.50	4.54	150	262	PK	PASS
109.88	67.6	38.95	-28.650	43.50	4.55	150	268	PK	PASS
144.90	58.8	27.47	-31.330	43.50	16.03	150	340	PK	PASS
920.02	51.0	39.29	-11.690	-	-	150	75	PK	NA



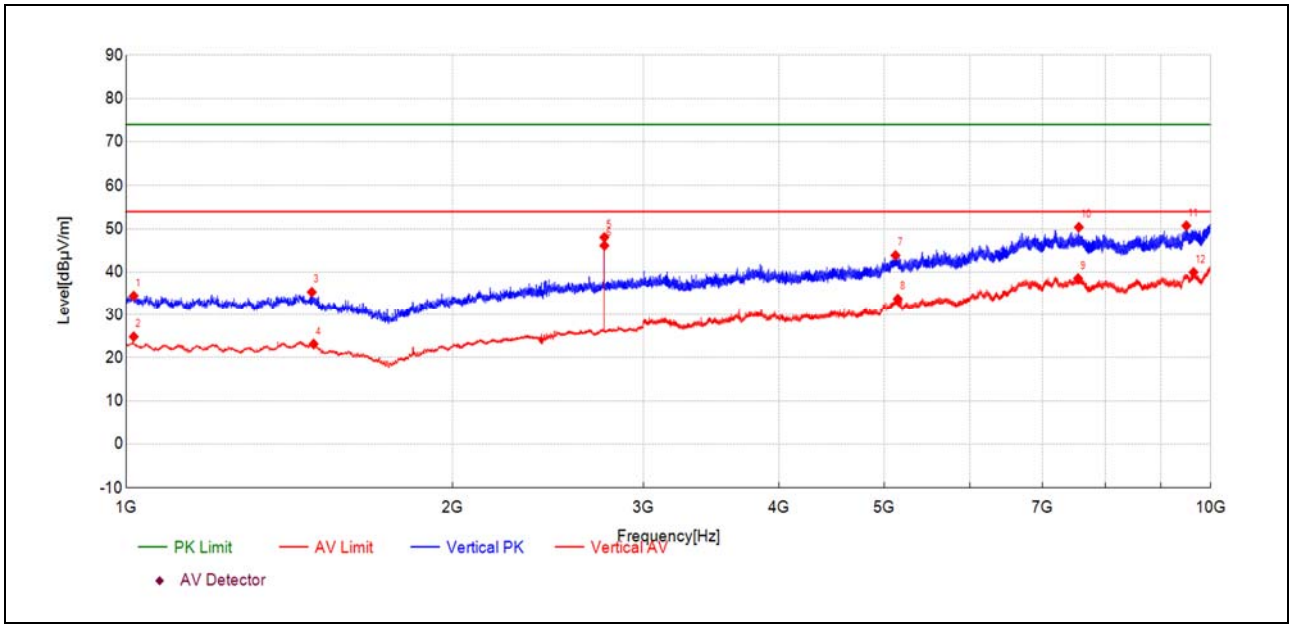
(Antenna Horizontal, 1GHz to 10GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1016.00	56.9	37.19	-19.730	74.00	36.81	150	94	PK	PASS
1016.40	50.0	30.26	-19.730	54.00	23.74	150	285	AV	PASS
1380.08	55.0	35.92	-19.120	74.00	38.08	150	307	PK	PASS
1380.48	48.1	29.01	-19.120	54.00	24.99	150	296	AV	PASS
1840.17	52.9	34.57	-18.330	74.00	39.43	150	182	PK	PASS
1840.57	46.4	28.09	-18.330	54.00	25.91	150	296	AV	PASS
2759.95	62.4	49.71	-12.730	74.00	24.29	150	269	PK	PASS
2760.35	60.4	47.62	-12.730	54.00	6.38	150	269	AV	PASS
5144.94	46.4	43.79	-2.620	74.00	30.21	150	225	PK	PASS
5184.15	37.8	34.47	-3.300	54.00	19.53	150	74	AV	PASS
9500.63	43.2	51.62	8.450	74.00	22.38	150	233	PK	PASS
9530.04	31.8	40.01	8.200	54.00	13.99	150	242	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

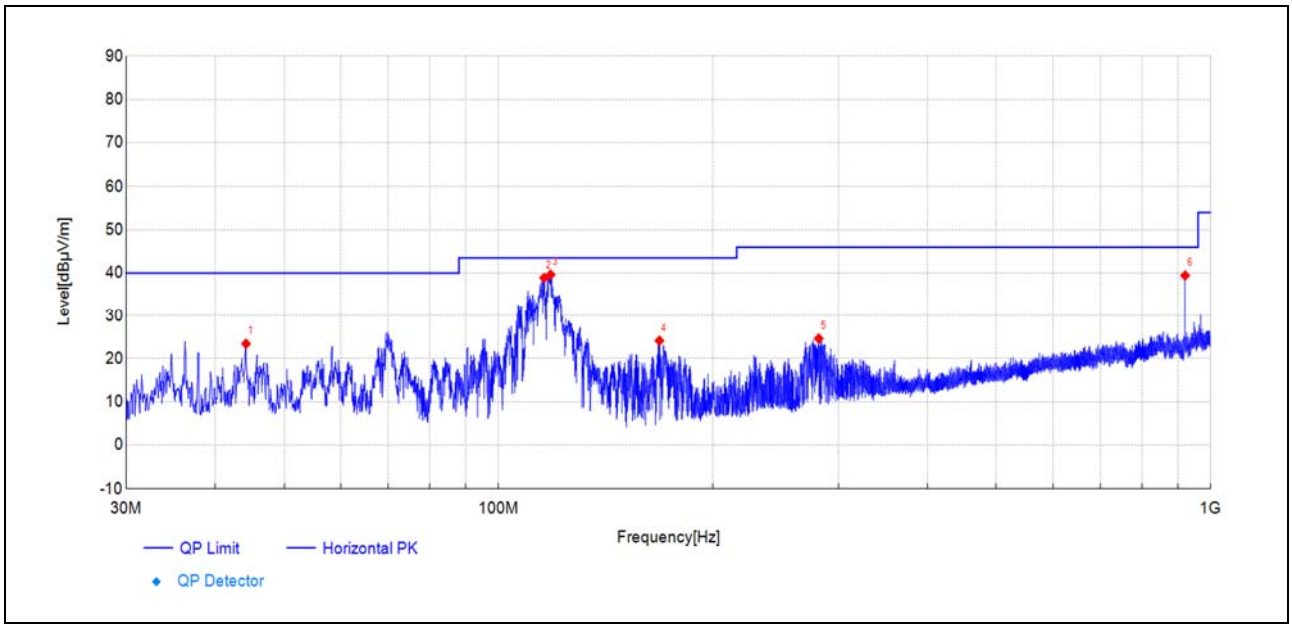
Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
37.76	60.6	31.17	-29.430	40.00	8.83	150	325	PK	PASS
44.11	62.4	34.61	-27.830	40.00	5.39	150	350	PK	PASS
107.07	67.6	38.43	-29.160	43.50	5.07	150	340	PK	PASS
109.93	65.9	37.21	-28.650	43.50	6.29	150	335	PK	PASS
280.95	50.6	24.35	-26.210	46.00	21.65	150	211	PK	PASS
920.02	42.6	30.92	-11.690	-	-	150	45	PK	PASS



(Antenna Vertical, 1GHz to 10GHz)

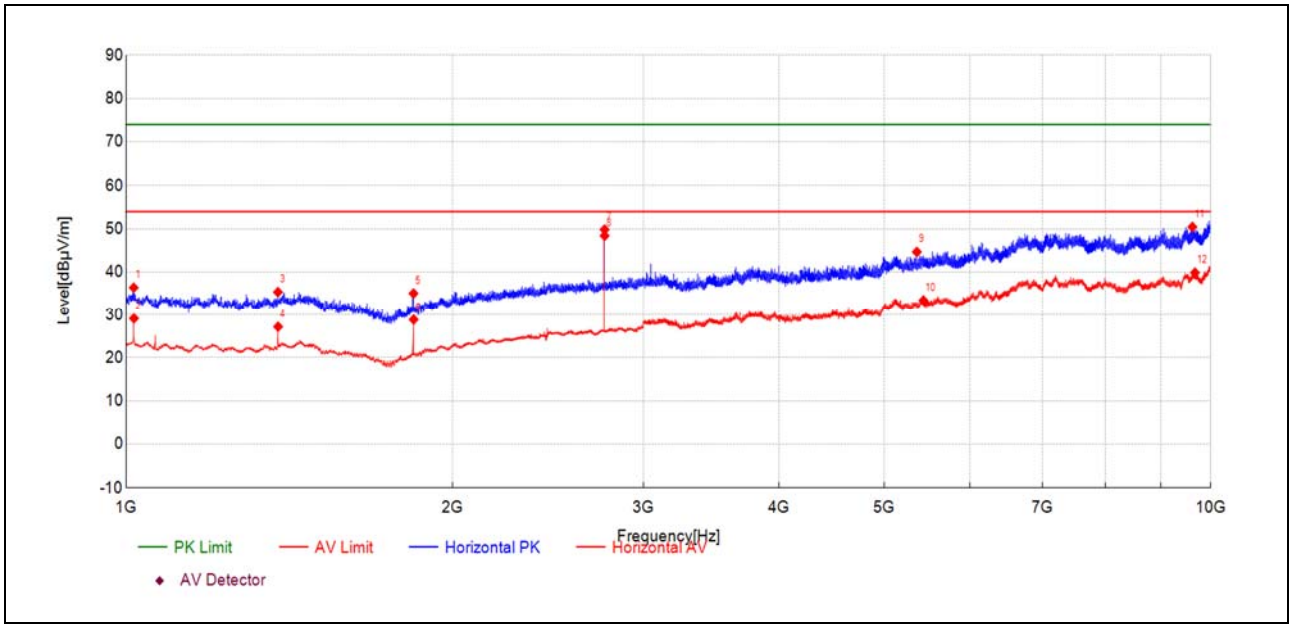
Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1016.40	54.2	34.49	-19.730	74.00	39.51	150	313	PK	PASS
1016.40	44.6	24.85	-19.730	54.00	29.15	150	182	AV	PASS
1483.30	54.2	35.35	-18.880	74.00	38.65	150	128	PK	PASS
1488.90	42.1	23.14	-18.960	54.00	30.86	150	297	AV	PASS
2759.95	60.8	48.04	-12.730	74.00	25.96	150	274	PK	PASS
2760.35	58.9	46.15	-12.730	54.00	7.85	150	274	AV	PASS
5120.67	46.9	43.87	-3.010	74.00	30.13	150	114	PK	PASS
5145.88	36.4	33.77	-2.610	54.00	20.23	150	306	AV	PASS
7545.17	34.1	38.55	4.500	54.00	15.45	150	9	AV	PASS
7557.30	45.9	50.40	4.530	74.00	23.60	150	201	PK	PASS
9493.63	42.3	50.73	8.460	74.00	23.27	150	137	PK	PASS
9641.11	30.6	39.96	9.330	54.00	14.04	150	17	AV	PASS

Plot for 920.4MHz



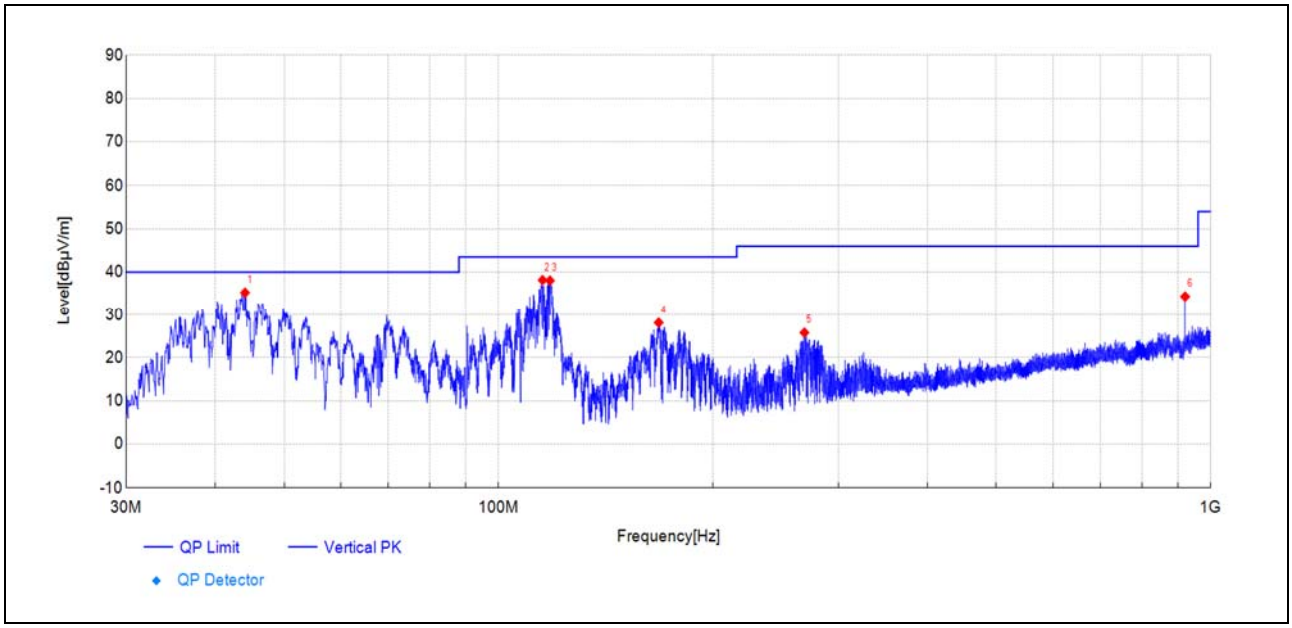
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
44.21	51.3	23.42	-27.860	40.00	16.58	150	351	PK	PASS
115.90	68.8	38.89	-29.940	43.50	4.61	150	243	PK	PASS
118.32	70.2	39.63	-30.610	43.50	3.87	150	57	PK	PASS
168.23	55.0	24.14	-30.830	43.50	19.36	150	151	PK	PASS
281.58	50.8	24.64	-26.200	46.00	21.36	150	176	PK	PASS
920.41	51.2	39.44	-11.730	-	-	150	331	PK	NA



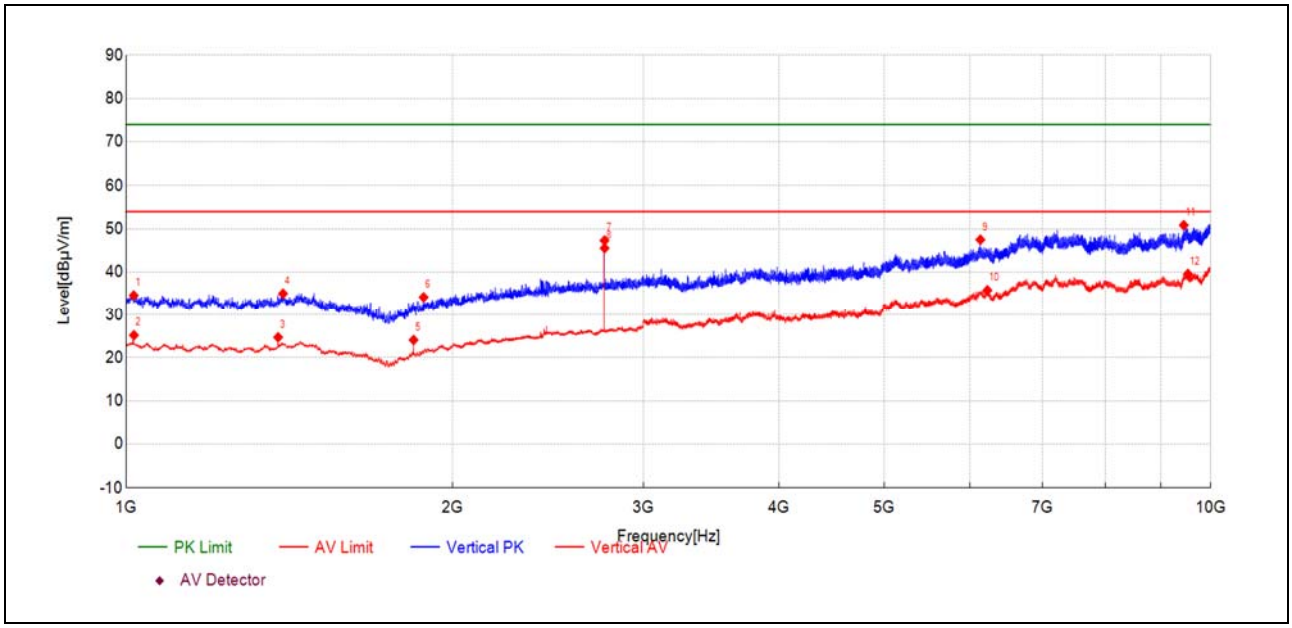
(Antenna Horizontal, 1GHz to 10GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1016.40	56.1	36.39	-19.730	74.00	37.61	150	2	PK	PASS
1016.80	48.8	29.10	-19.730	54.00	24.90	150	25	AV	PASS
1380.48	54.5	35.36	-19.120	74.00	38.64	150	340	PK	PASS
1380.88	46.3	27.17	-19.110	54.00	26.83	150	351	AV	PASS
1840.57	53.4	35.04	-18.330	74.00	38.96	150	247	PK	PASS
1841.37	47.2	28.83	-18.320	54.00	25.17	150	253	AV	PASS
2761.15	62.6	49.84	-12.730	74.00	24.16	150	4	PK	PASS
2761.55	61.1	48.41	-12.730	54.00	5.59	150	8	AV	PASS
5358.22	46.8	44.67	-2.140	74.00	29.33	150	177	PK	PASS
5433.83	35.4	33.42	-1.970	54.00	20.58	150	129	AV	PASS
9617.77	41.6	50.46	8.870	74.00	23.54	150	232	PK	PASS
9670.51	30.6	39.89	9.300	54.00	14.11	150	280	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

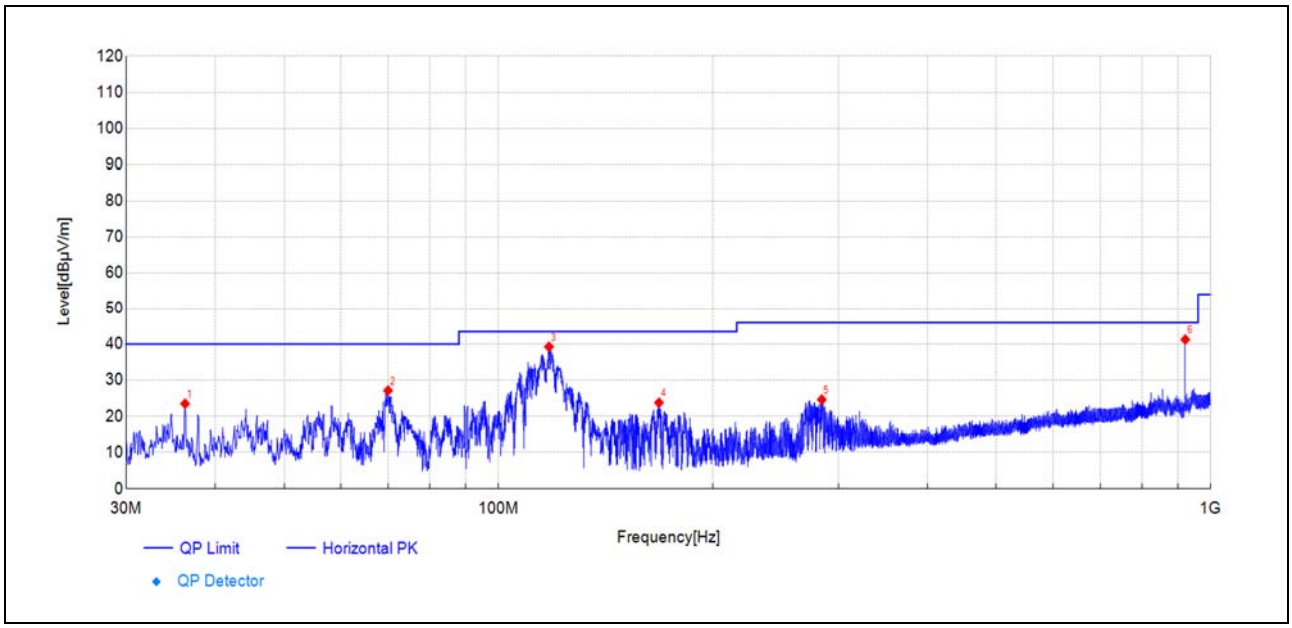
Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
44.07	63.0	35.22	-27.820	40.00	4.78	150	108	PK	PASS
115.32	68.2	38.15	-30.070	43.50	5.35	150	9	PK	PASS
118.08	68.6	38.03	-30.610	43.50	5.47	150	342	PK	PASS
167.84	58.9	28.12	-30.780	43.50	15.38	150	9	PK	PASS
268.83	52.8	25.80	-26.970	46.00	20.20	150	150	PK	PASS
920.41	46.1	34.32	-11.730	-	-	150	46	PK	NA



(Antenna Vertical, 1GHz to 10GHz)

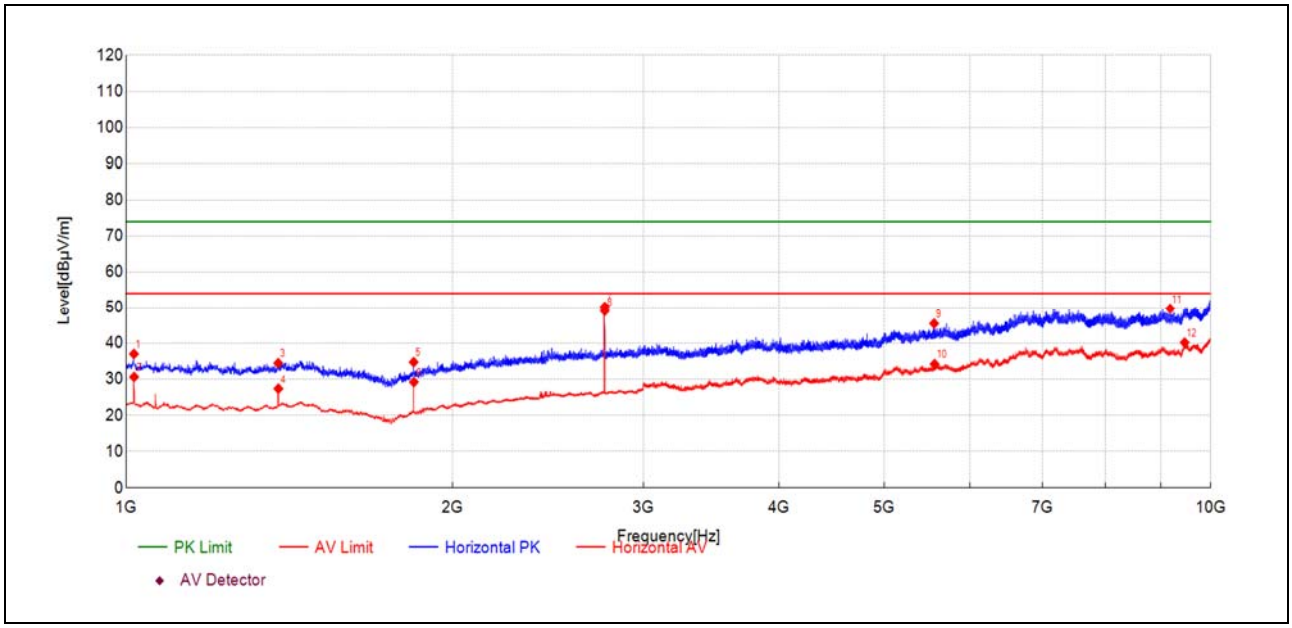
Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1016.40	54.3	34.57	-19.730	74.00	39.43	150	75	PK	PASS
1016.80	44.9	25.19	-19.730	54.00	28.81	150	64	AV	PASS
1380.88	43.8	24.71	-19.110	54.00	29.29	150	307	AV	PASS
1395.28	53.9	34.99	-18.890	74.00	39.01	150	259	PK	PASS
1840.97	42.4	24.08	-18.330	54.00	29.92	150	269	AV	PASS
1880.58	52.3	34.15	-18.130	74.00	39.85	150	209	PK	PASS
2761.15	60.1	47.32	-12.730	74.00	26.68	150	340	PK	PASS
2761.55	58.3	45.53	-12.730	54.00	8.47	150	340	AV	PASS
6131.08	46.3	47.50	1.230	74.00	26.50	150	9	PK	PASS
6223.95	34.5	35.79	1.270	54.00	18.21	150	274	AV	PASS
9442.30	42.6	50.86	8.250	74.00	23.14	150	50	PK	PASS
9527.24	31.4	39.58	8.230	54.00	14.42	150	98	AV	PASS

Plot for 920.8MHz



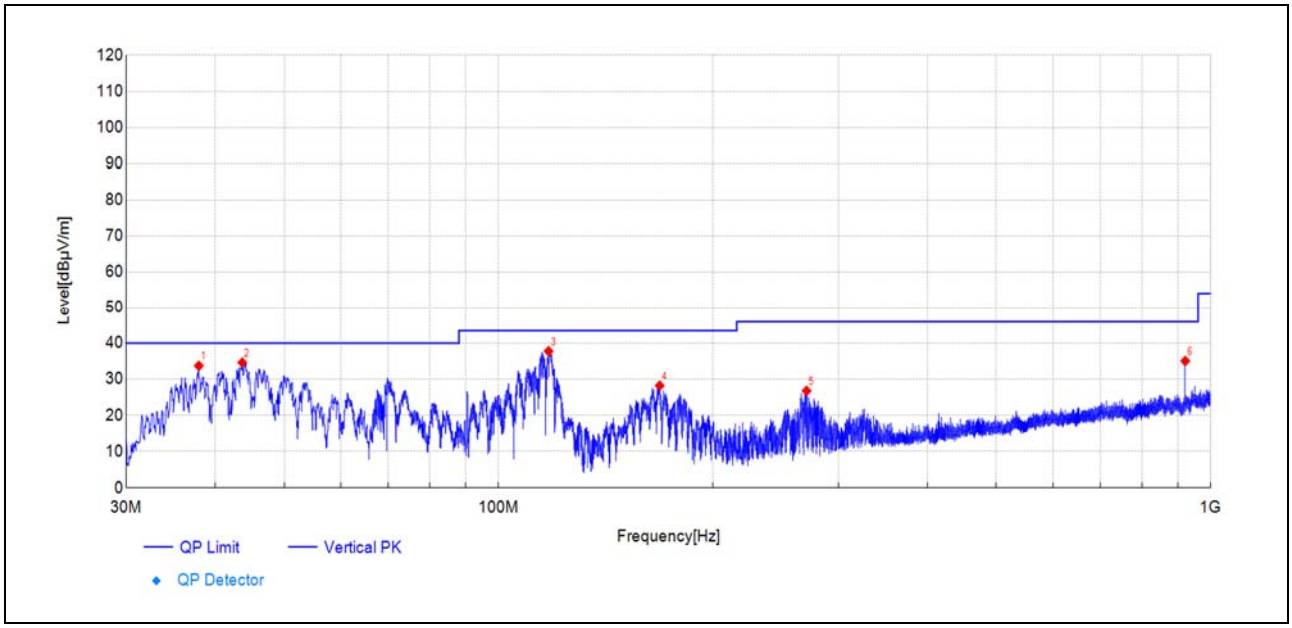
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	52.9	23.48	-29.430	40.00	16.52	150	128	PK	PASS
69.97	58.2	27.12	-31.120	40.00	12.88	150	263	PK	PASS
117.74	69.8	39.29	-30.530	43.50	4.21	150	36	PK	PASS
167.99	54.5	23.76	-30.710	43.50	19.74	150	154	PK	PASS
284.35	50.8	24.62	-26.130	46.00	21.38	150	164	PK	PASS
920.80	53.1	41.28	-11.770	-	-	150	2	PK	NA



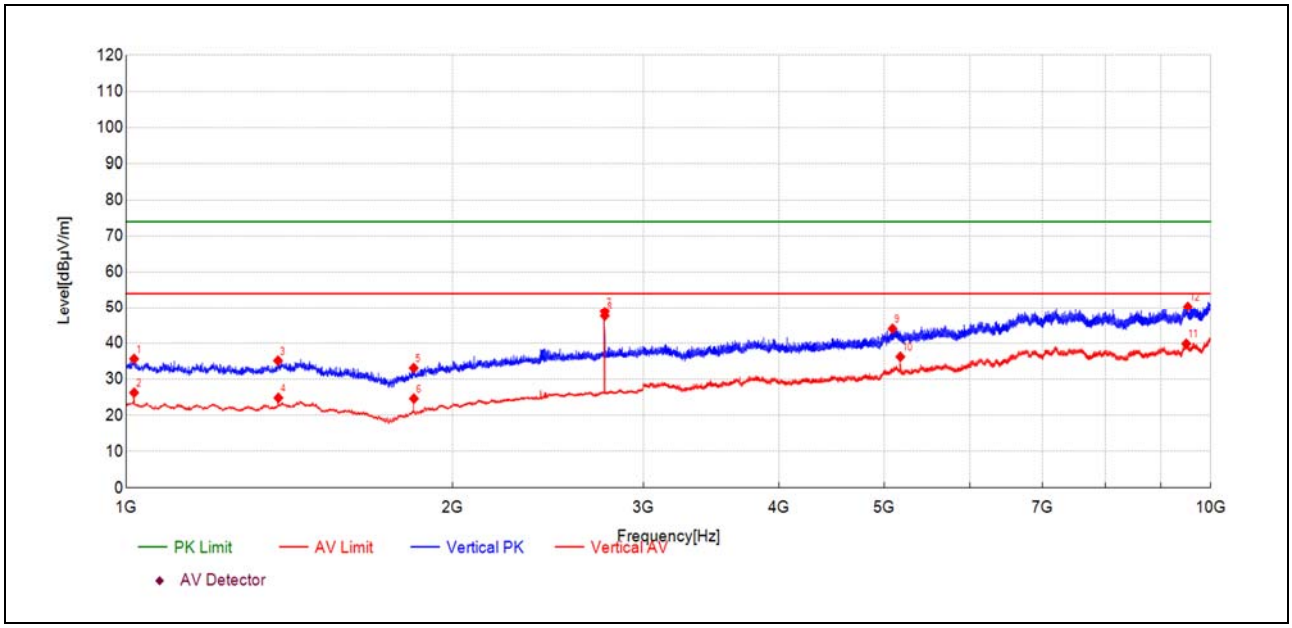
(Antenna Horizontal, 1GHz to 10GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1016.80	56.8	37.02	-19.730	74.00	36.98	150	24	PK	PASS
1017.20	50.4	30.63	-19.740	54.00	23.37	150	24	AV	PASS
1381.28	53.6	34.45	-19.100	74.00	39.55	150	7	PK	PASS
1381.68	46.5	27.37	-19.100	54.00	26.63	150	62	AV	PASS
1841.37	53.1	34.75	-18.320	74.00	39.25	150	296	PK	PASS
1842.17	47.5	29.21	-18.320	54.00	24.79	150	264	AV	PASS
2762.35	63.0	50.26	-12.730	74.00	23.74	150	13	PK	PASS
2762.75	61.8	49.04	-12.740	54.00	4.96	150	7	AV	PASS
5558.44	47.7	45.49	-2.170	74.00	28.51	150	114	PK	PASS
5564.04	36.3	34.21	-2.070	54.00	19.79	150	17	AV	PASS
9174.88	42.6	49.73	7.110	74.00	24.27	150	114	PK	PASS
9460.03	31.7	40.18	8.450	54.00	13.82	150	313	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
37.95	63.2	33.73	-29.490	40.00	6.27	150	360	PK	PASS
43.68	62.5	34.62	-27.870	40.00	5.38	150	324	PK	PASS
117.55	68.3	37.78	-30.470	43.50	5.72	150	330	PK	PASS
168.38	59.1	28.21	-30.920	43.50	15.29	150	9	PK	PASS
270.72	53.5	26.78	-26.760	46.00	19.22	150	140	PK	PASS
920.80	46.8	35.05	-11.770	-	-	150	98	PK	NA



(Antenna Vertical, 1GHz to 10GHz)

Fre. (MHz)	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1017.20	55.4	35.64	-19.740	74.00	38.36	150	151	PK	PASS
1017.20	46.0	26.25	-19.740	54.00	27.75	150	59	AV	PASS
1380.48	54.3	35.15	-19.120	74.00	38.85	150	297	PK	PASS
1381.68	43.9	24.83	-19.100	54.00	29.17	150	329	AV	PASS
1841.37	51.4	33.10	-18.320	74.00	40.90	150	54	PK	PASS
1842.17	42.9	24.62	-18.320	54.00	29.38	150	270	AV	PASS
2762.35	61.6	48.83	-12.730	74.00	25.17	150	11	PK	PASS
2762.75	60.4	47.64	-12.740	54.00	6.36	150	11	AV	PASS
5089.41	47.4	43.99	-3.370	74.00	30.01	150	138	PK	PASS
5173.88	39.3	36.24	-3.080	54.00	17.76	150	337	AV	PASS
9492.70	31.4	39.84	8.450	54.00	14.16	150	264	AV	PASS
9524.43	42.1	50.33	8.240	74.00	23.67	150	50	PK	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.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.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 C63.10-2013 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	2025.01.15	2026.01.14
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	2024.09.11	2025.09.10

4.2 List of Software Used

Description	Manufacturer	Software Version
Test System	Tonscend	V2.5.77.0418
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	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
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	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.07.03	2025.07.02
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT