



REPORT No.: SZ26010382W01

TEST REPORT

APPLICANT : Anker Innovations Limited

PRODUCT NAME : eufy Entry Sensor E20

MODEL NAME : T90E0

BRAND NAME : eufy

FCC ID : 2AOKB-T90E00

STANDARD(S) : 47 CFR Part 15 Subpart C

RECEIPT DATE : 2026-01-16

TEST DATE : 2026-01-26 to 2026-02-06

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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 Entry Sensor E20
Sample No.:	1#, 2#
Hardware Version:	V2.0
Software Version:	V1.1.1.6
Operating Frequency Range:	920.0MHz, 920.2MHz, 920.4MHz, 920.6MHz, 920.8MHz
Channel Number:	5
Antenna Type:	Metal Antenna
Antenna Gain:	-4.66dBi

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 (10-1-15 Edition)	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	Jan. 26, 2025	Su Xiaoxian	PASS	/
3	15.231(c)	20dB Bandwidth	Jan. 26, 2025	Su Xiaoxian	PASS	/
4	15.207	Conducted Emission	N/A	N/A	N/A ^{Note1}	/
5	15.231(b) 15.209(a)	Radiated Emission	Jan. 31, 2025	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 ANSIC63.10-2020.

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

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

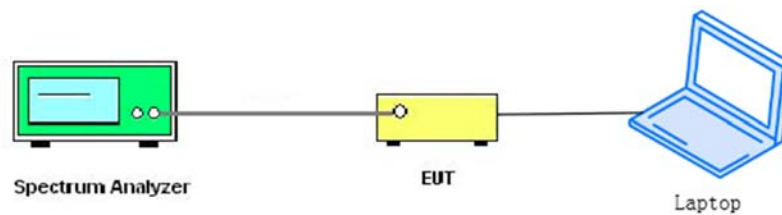
2.2. The Max Transmission Time

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

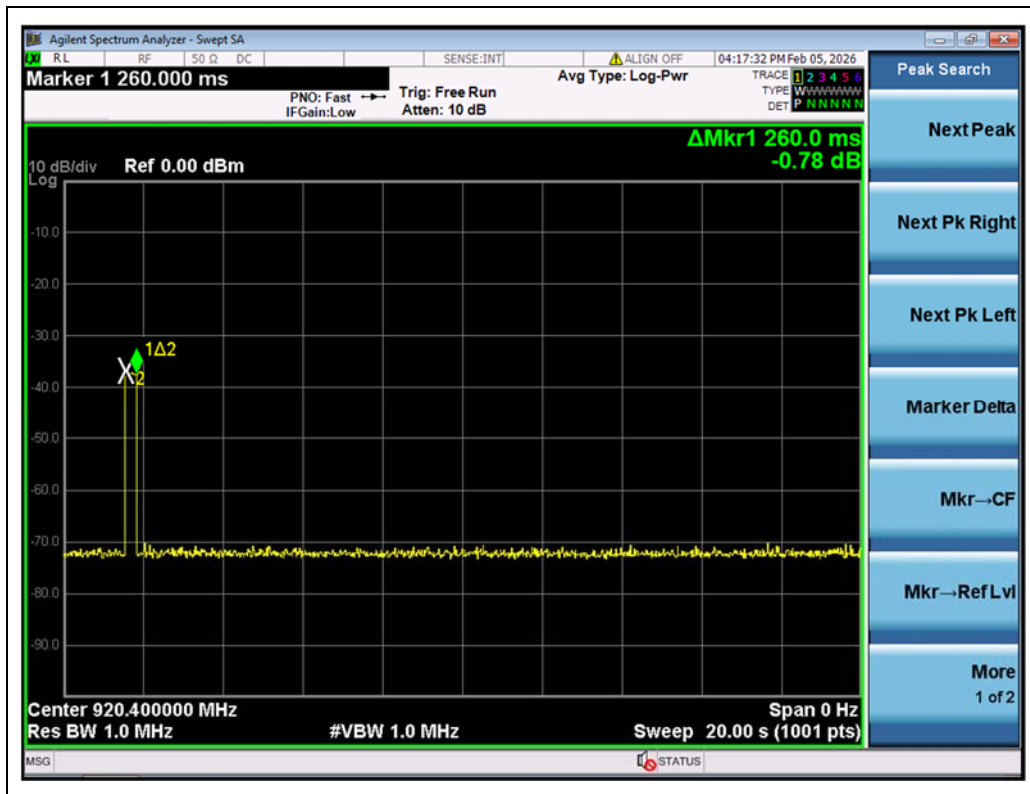
Set the SPA Center Frequency = Fundamental frequency,
Span = 0 Hz, change the sweep time until get the burst in the screen.
Set EUT as normal operation and press Transmitter button.
Set the SPA View. Delta Mark time.



2.2.4. Test Result

Frequency (MHz)	The max transmission time (s)	Limit (s)	Verdict
920.4	0.260	≤5	PASS

Test Plot:



(The max transmission time)

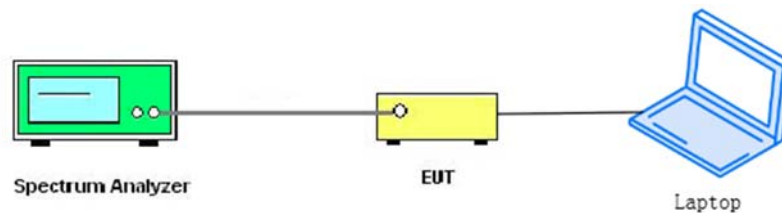
2.3. 20 dB Bandwidth

2.3.1. Requirement

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.

2.3.2. Test Description

Test Setup:



2.3.3. Test Procedure

Set spectrum analyzer's Center Frequency = Fundamental frequency, RBW, VBW and span to applicable value with Peak in max hold, a Peak output reading and 20 db Bandwidth function in spectrum analyzer were taken.



2.3.4. Test Result

Frequency (MHz)	20 dB Bandwidth (kHz)	Verdict
920.0	103.90	PASS
920.4	103.50	PASS
920.8	104.10	PASS



(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 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

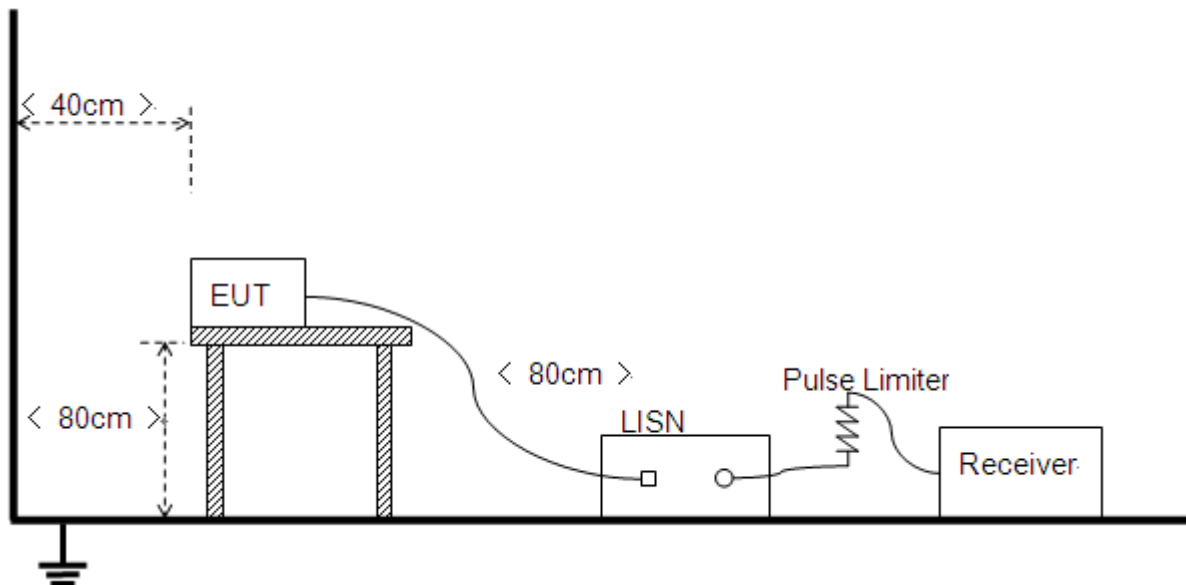
Frequency Range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15–0.50	66 to 56	56 to 46
0.50–5	56	46
5–30	60	50

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 0.15–0.50 MHz.

2.4.2. Test Description

Test Setup:



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



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2.4.3. 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 ($\mu\text{V/m}$)	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.

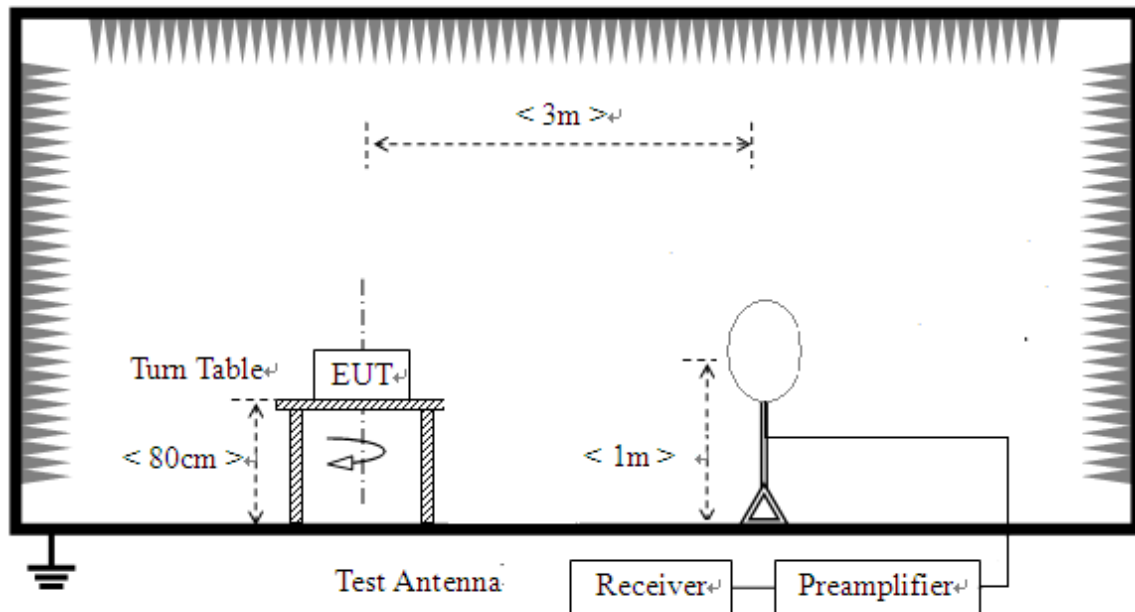
Note 2: For above 1000 MHz, limit field strength of harmonics: 54 dBuV/m@3m (AV) and 74 dBuV/m@3m (PK)

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).

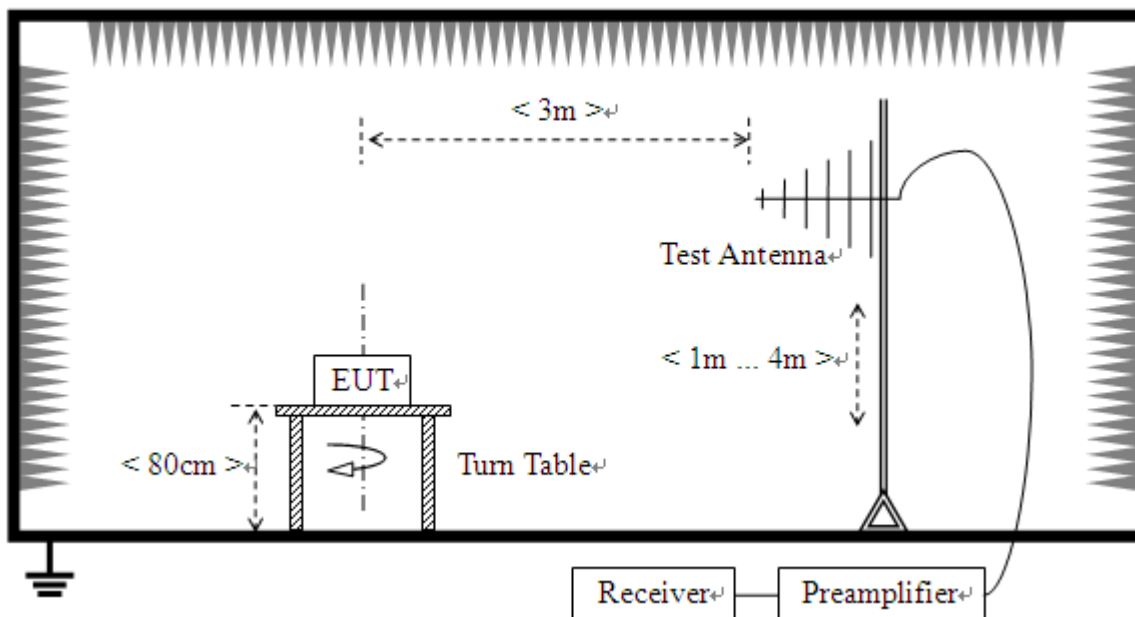
2.5.2. Test Description

Test Setup:

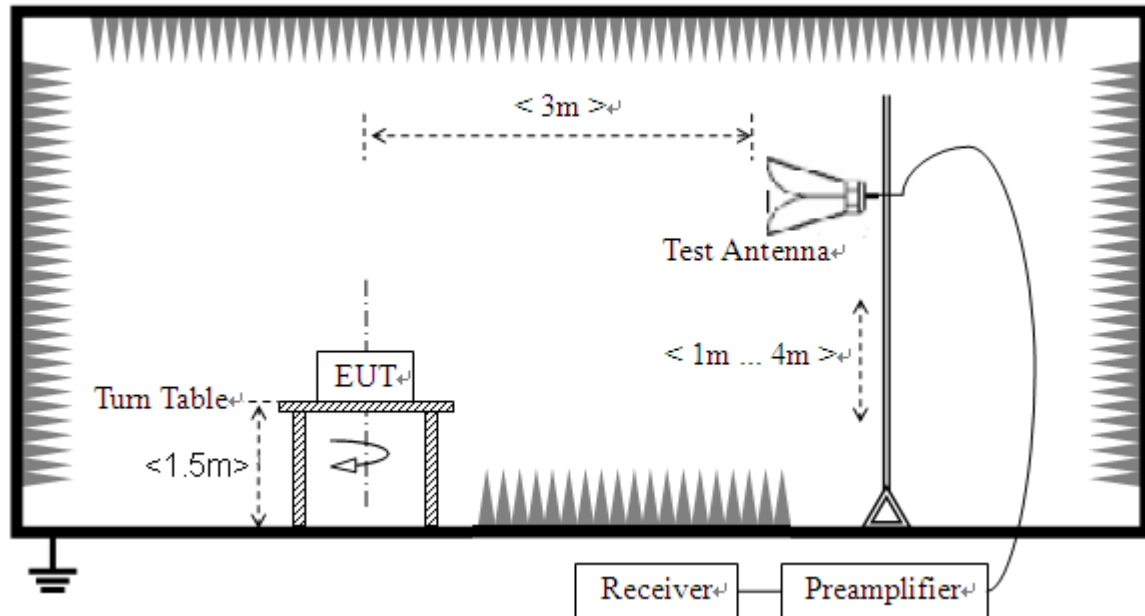
- 1) For radiated emissions from 9 kHz to 30 MHz



- 2) For radiated emissions from 30 MHz to 1 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:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3 m

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

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

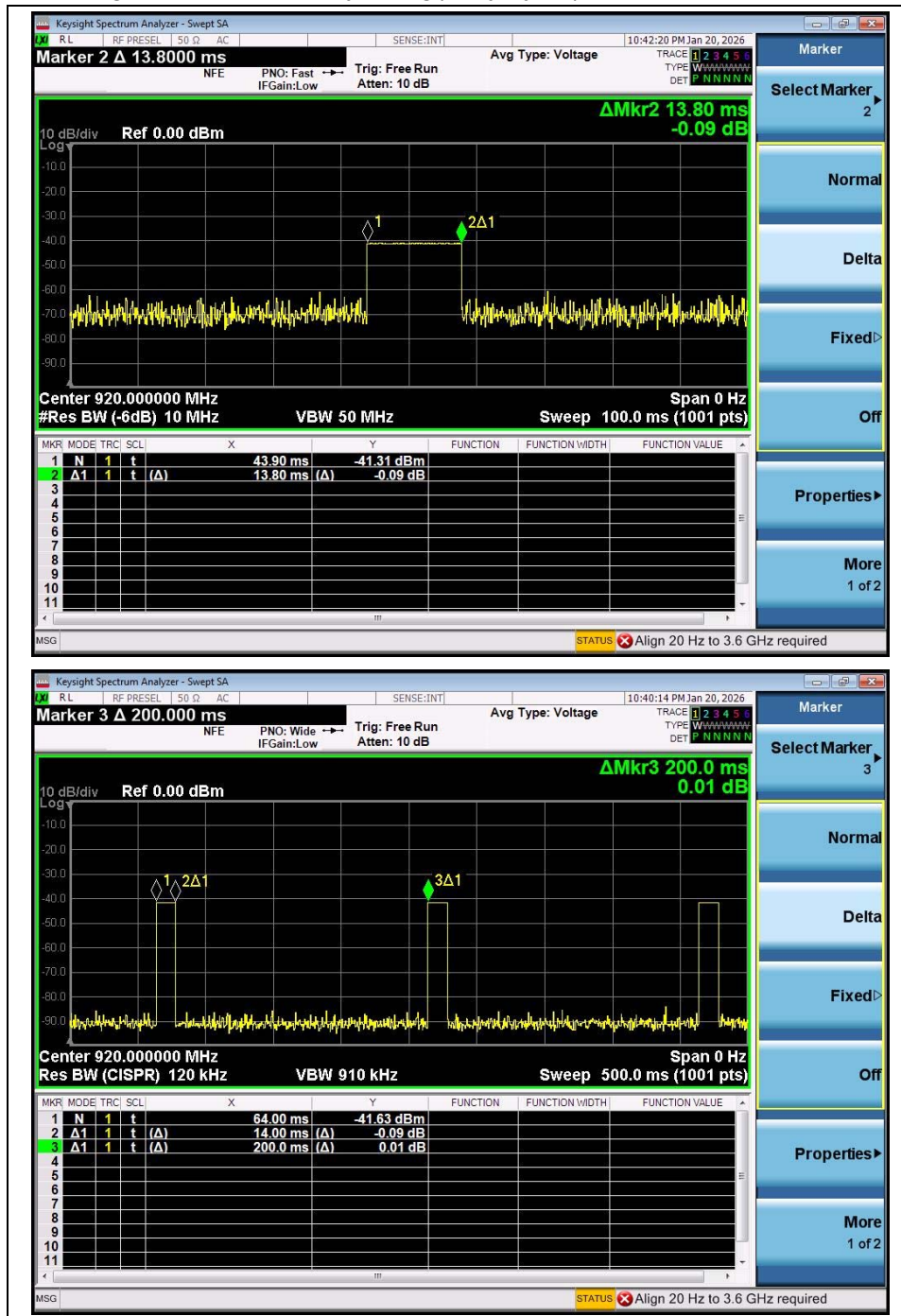
Note2: For the frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit was not recorded.



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

Ton (ms):	13.80
Ton+Toff (ms):	100
Duty cycle (%):	13.80

Therefore, the average factor is found by $20\log(\text{Duty cycle}) = -17.20 \text{ dB}$

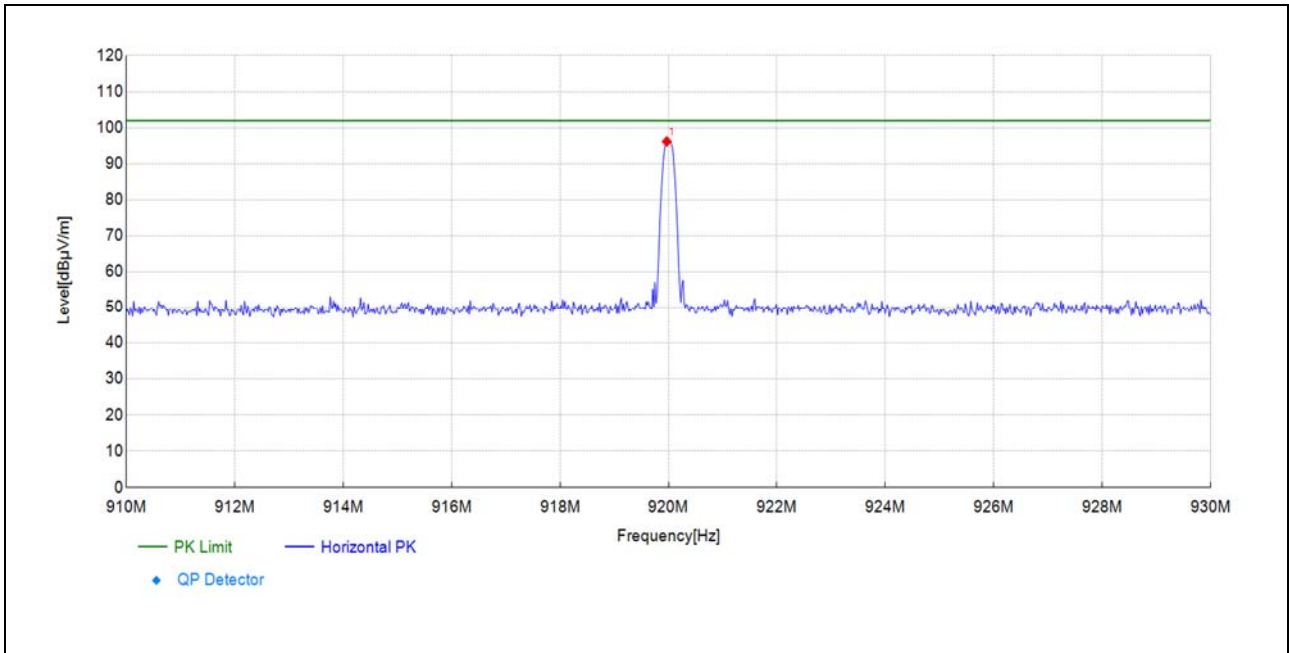


(Duty cycle)

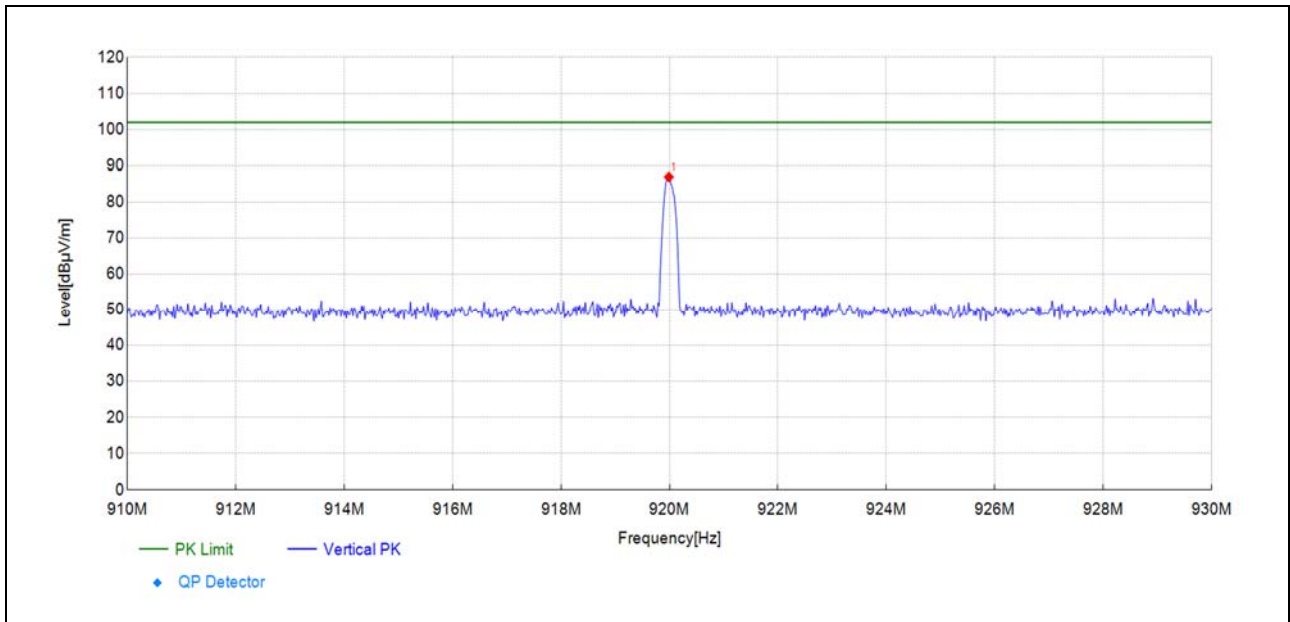


A. Field strength of fundamental

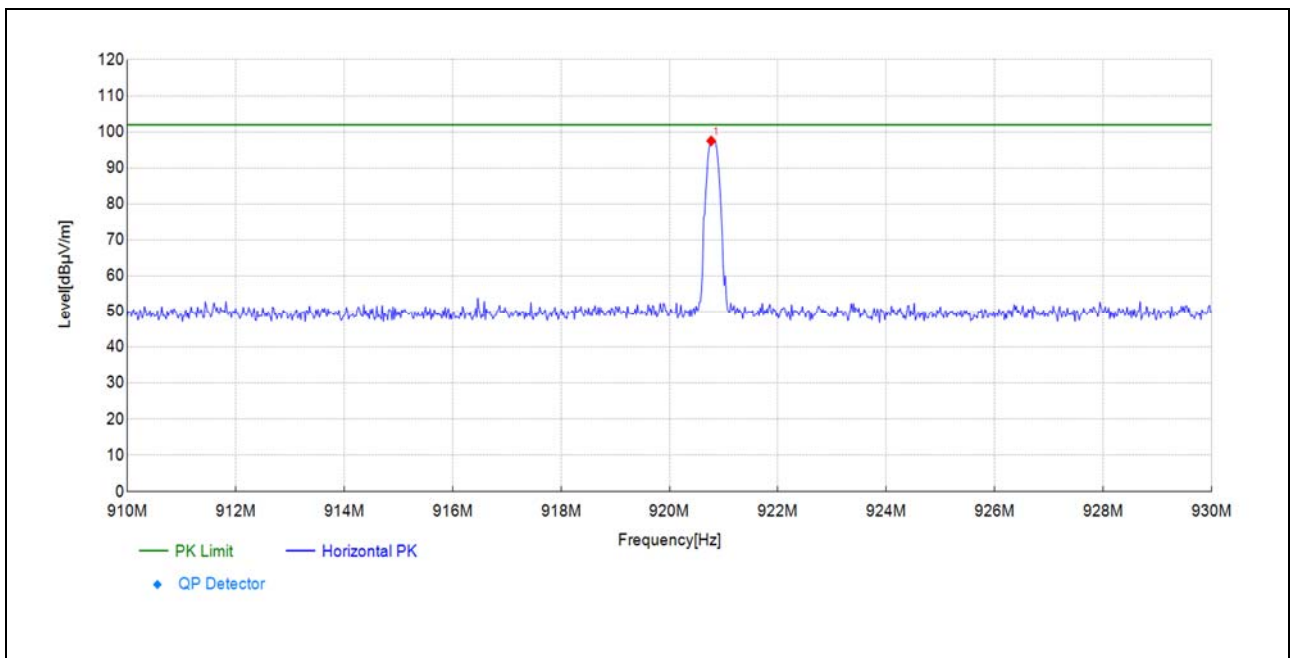
Fre. (MHz)	ANT	Receiver Reading $U_R(PK)$ (dBuV)	AT (dB)	A_{Factor} (dB@ 3m)	Final Emission _PK (dBuV/m)	Limit-PK (dB μ V/m)	AV factor (dB)	Final Emission _AV (dBuV/m)	Limit-AV (dB μ V/m)	Verdict
920	H	67.84	6.03	22.3	96.17	101.94	-17.2	78.97	81.94	PASS
920	V	58.61	6.03	22.3	86.94	101.94	-17.2	69.74	81.94	PASS
920.8	H	69.23	6.04	22.2	97.47	101.94	-17.2	80.27	81.94	PASS
920.8	V	56.36	6.04	22.2	84.6	101.94	-17.2	67.4	81.94	PASS



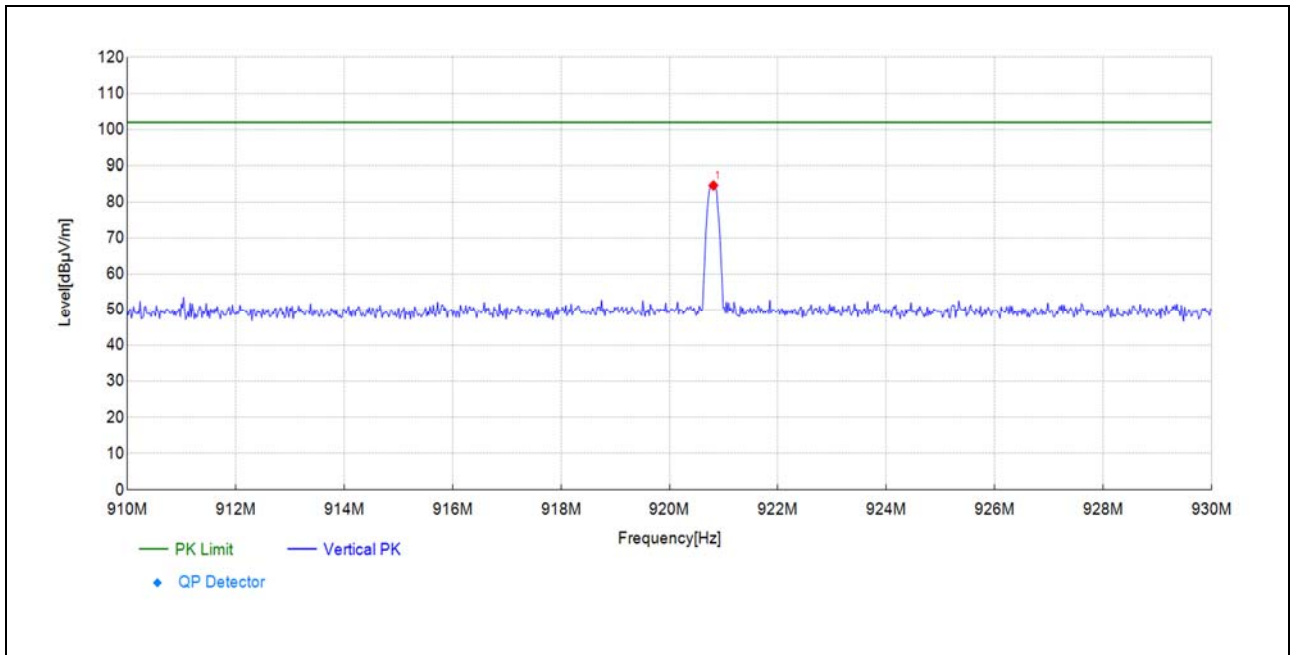
(920.0MHz, Antenna Horizontal)



(920.0MHz, Antenna Vertical)



(920.8MHz, Antenna Horizontal)

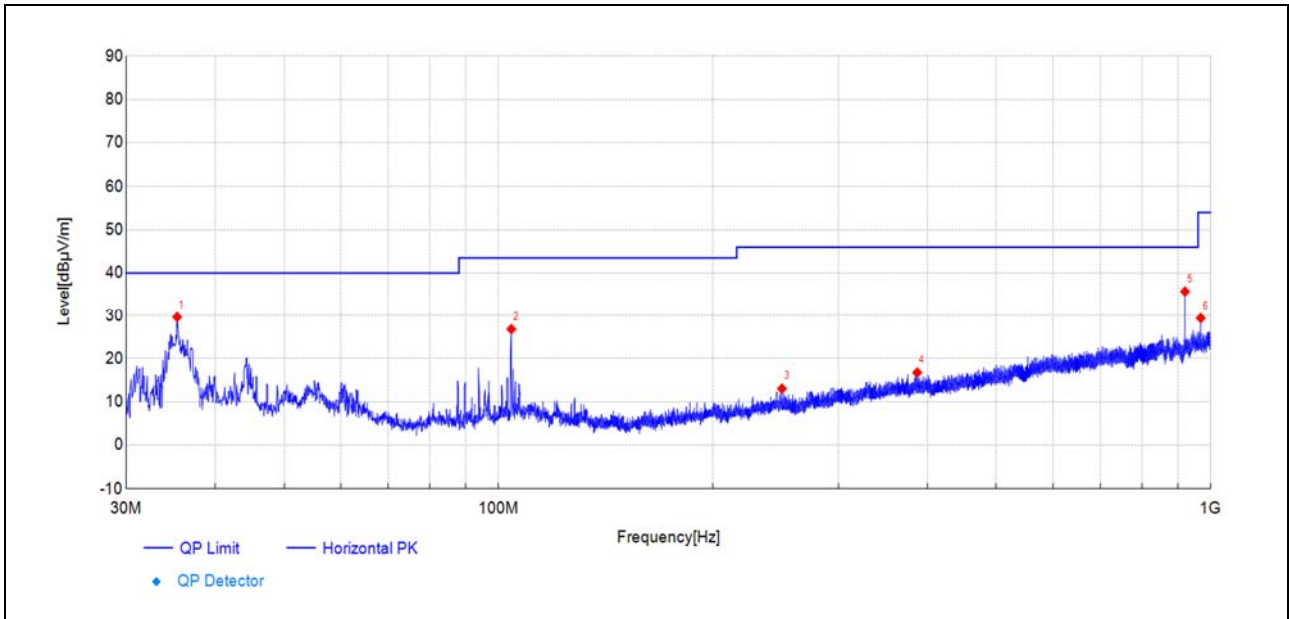


(920.8MHz, Antenna Vertical)



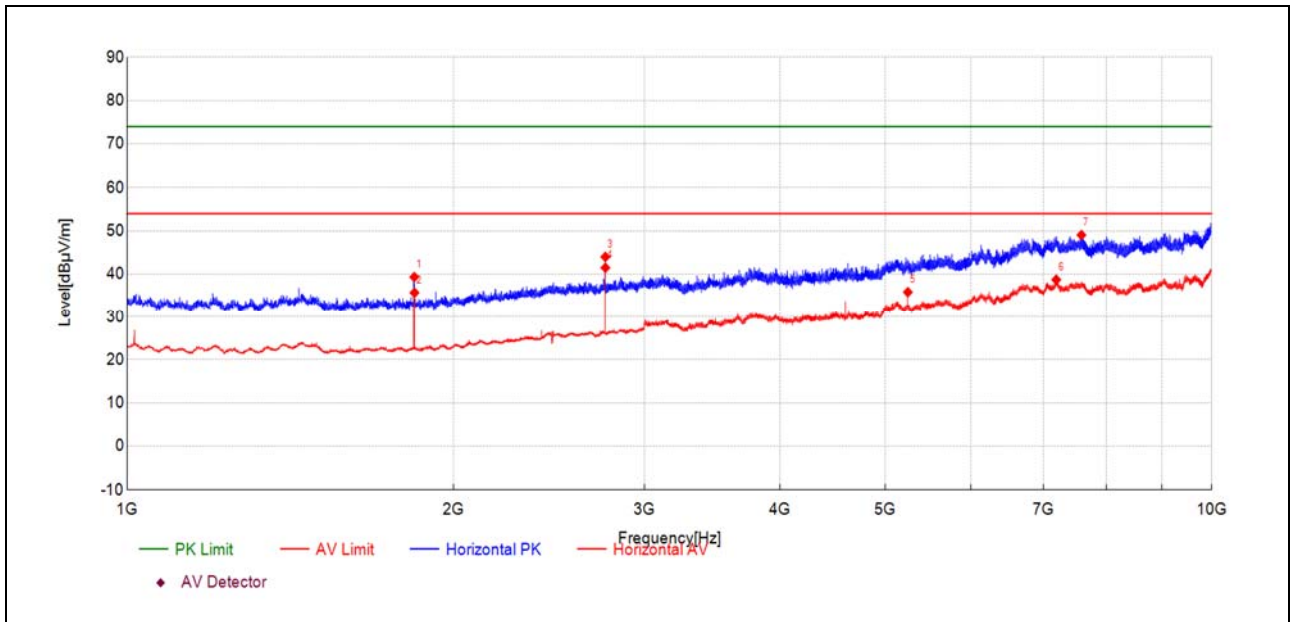
B. Radiated emission

Plot for 920.0MHz



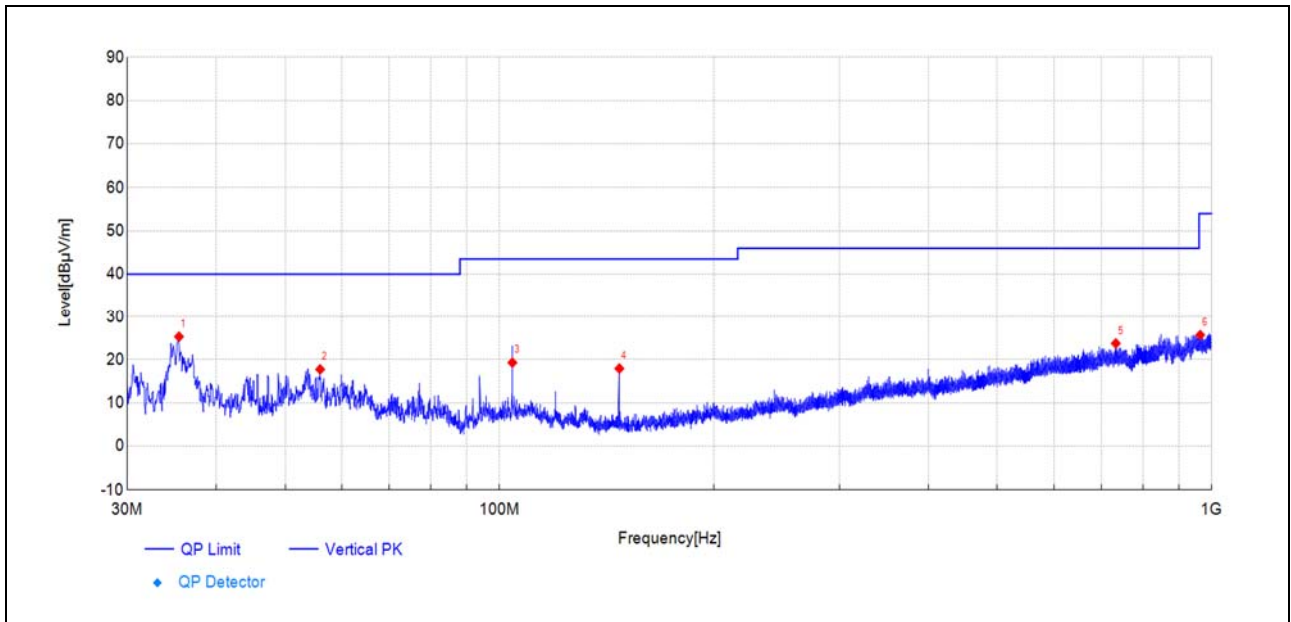
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.38	59.4	29.63	-29.790	40.00	10.37	258	PK	Horizontal	PASS
104.26	56.3	26.80	-29.460	43.50	16.70	258	PK	Horizontal	PASS
250.01	40.2	13.02	-27.170	46.00	32.98	91	PK	Horizontal	PASS
387.12	39.1	16.75	-22.390	46.00	29.25	212	PK	Horizontal	PASS
920.02	47.4	35.70	-11.690	-	-	351	PK	Horizontal	NA
967.99	41.0	29.38	-11.590	54.00	24.62	167	PK	Horizontal	PASS



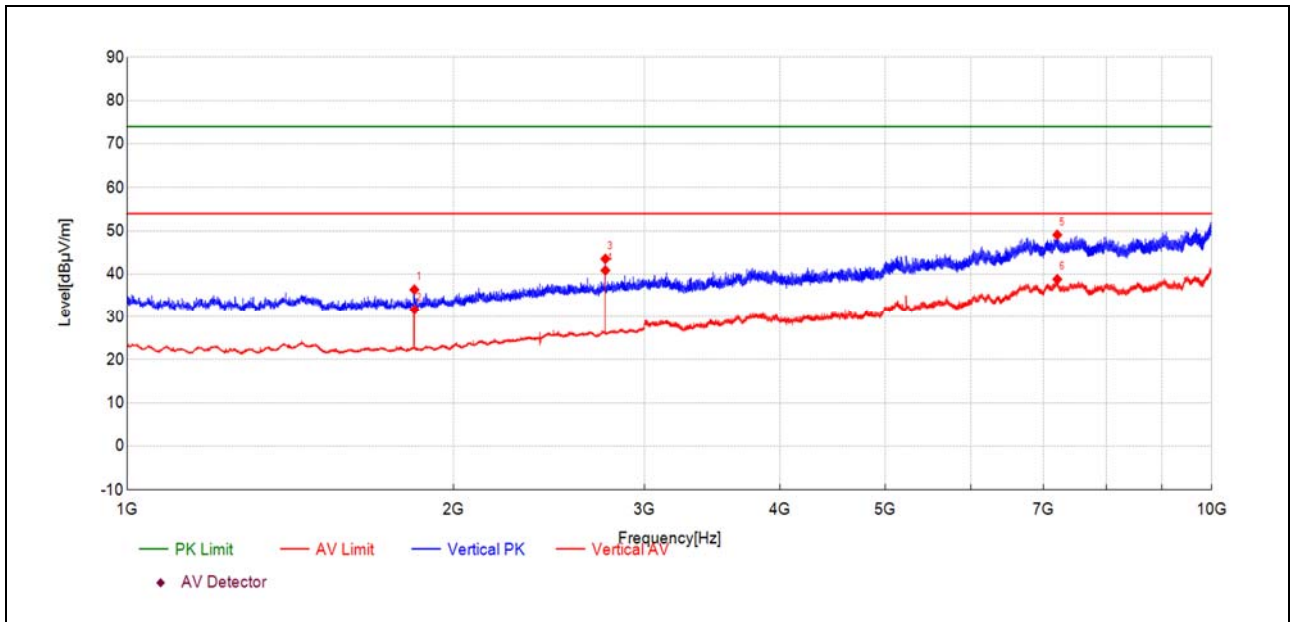
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1839.77	57.7	39.32	-18.330	74.00	34.68	154	PK	Horizontal	PASS
1840.57	54.0	35.70	-18.330	54.00	18.30	154	AV	Horizontal	PASS
2759.95	56.7	43.99	-12.730	74.00	30.01	171	PK	Horizontal	PASS
2760.35	54.2	41.48	-12.730	54.00	12.52	176	AV	Horizontal	PASS
5245.75	38.7	35.83	-2.910	54.00	18.17	58	AV	Horizontal	PASS
7188.15	33.7	38.71	5.000	54.00	15.29	265	AV	Horizontal	PASS
7582.51	44.3	49.05	4.780	74.00	24.95	265	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

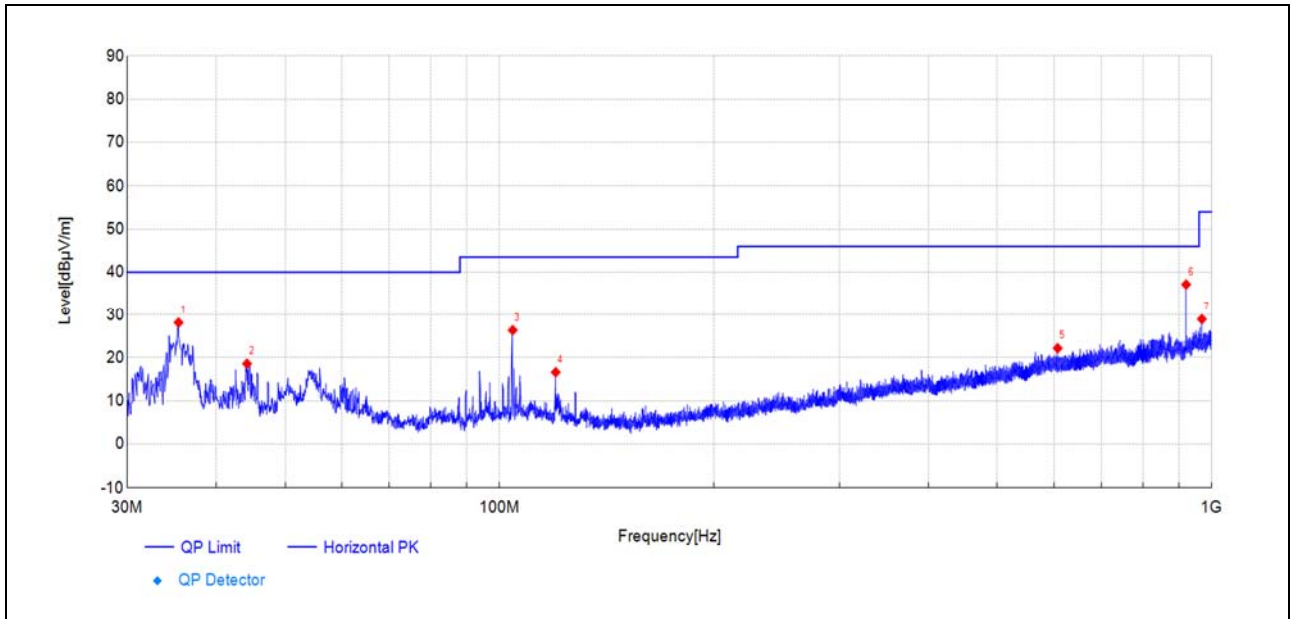
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.48	55.1	25.32	-29.750	40.00	14.68	46	PK	Vertical	PASS
56.00	45.8	17.75	-28.030	40.00	22.25	101	PK	Vertical	PASS
104.26	48.8	19.30	-29.460	43.50	24.20	302	PK	Vertical	PASS
147.33	49.6	17.94	-31.680	43.50	25.56	204	PK	Vertical	PASS
733.14	38.4	23.75	-14.680	46.00	22.25	112	PK	Vertical	PASS
963.33	37.0	25.70	-11.290	54.00	28.30	193	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 10GHz)

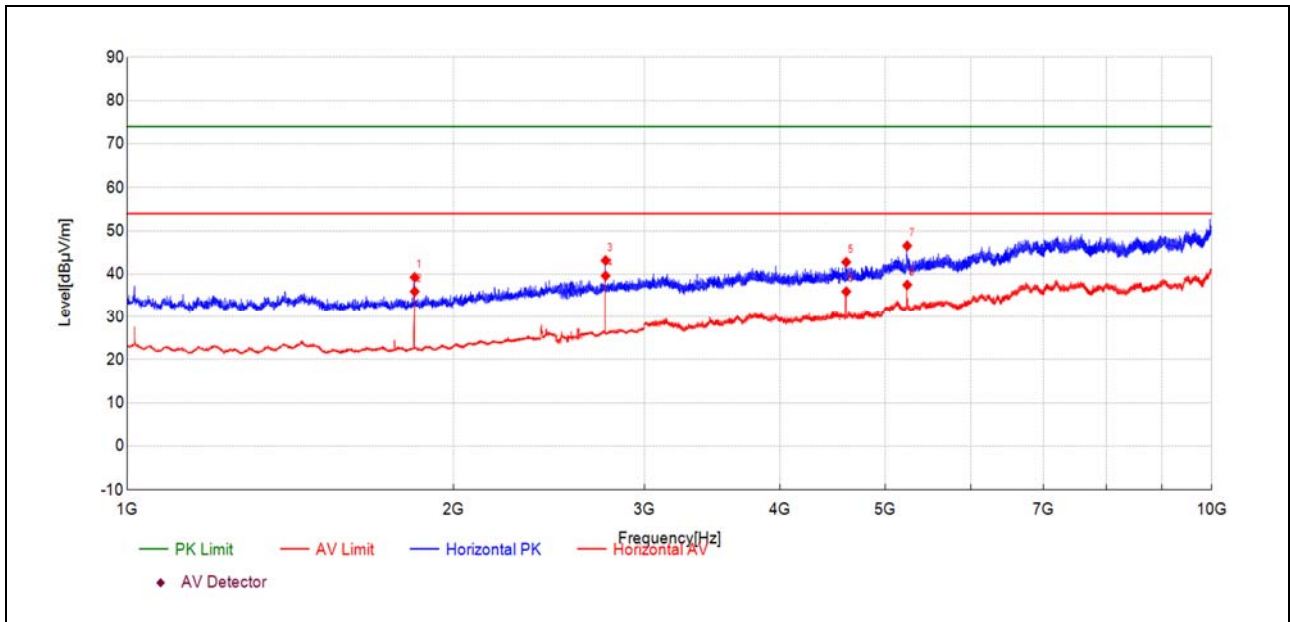
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1840.17	54.7	36.41	-18.330	74.00	37.59	170	PK	Vertical	PASS
1840.57	50.0	31.66	-18.330	54.00	22.34	170	AV	Vertical	PASS
2759.95	56.3	43.54	-12.730	74.00	30.46	219	PK	Vertical	PASS
2760.35	53.6	40.86	-12.730	54.00	13.14	219	AV	Vertical	PASS
7203.55	44.0	49.09	5.070	74.00	24.91	98	PK	Vertical	PASS
7204.01	33.8	38.81	5.060	54.00	15.19	114	AV	Vertical	PASS

Plot for 920.4MHz



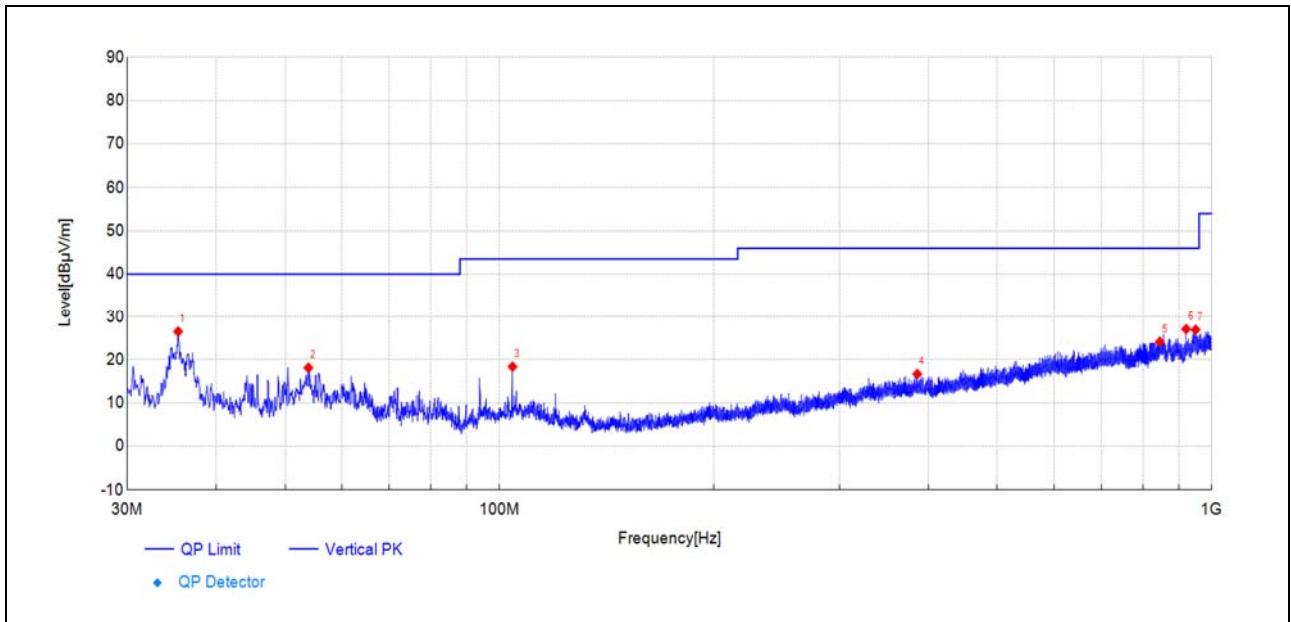
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.43	57.9	28.12	-29.770	40.00	11.88	229	PK	Horizontal	PASS
44.21	46.4	18.58	-27.860	40.00	21.42	151	PK	Horizontal	PASS
104.35	55.8	26.36	-29.410	43.50	17.14	35	PK	Horizontal	PASS
119.92	47.0	16.61	-30.420	43.50	26.89	116	PK	Horizontal	PASS
607.62	39.2	22.16	-17.010	46.00	23.84	244	PK	Horizontal	PASS
920.36	48.9	37.13	-11.730	-	-	351	PK	Horizontal	NA
968.38	40.6	28.93	-11.640	54.00	25.07	336	PK	Horizontal	PASS



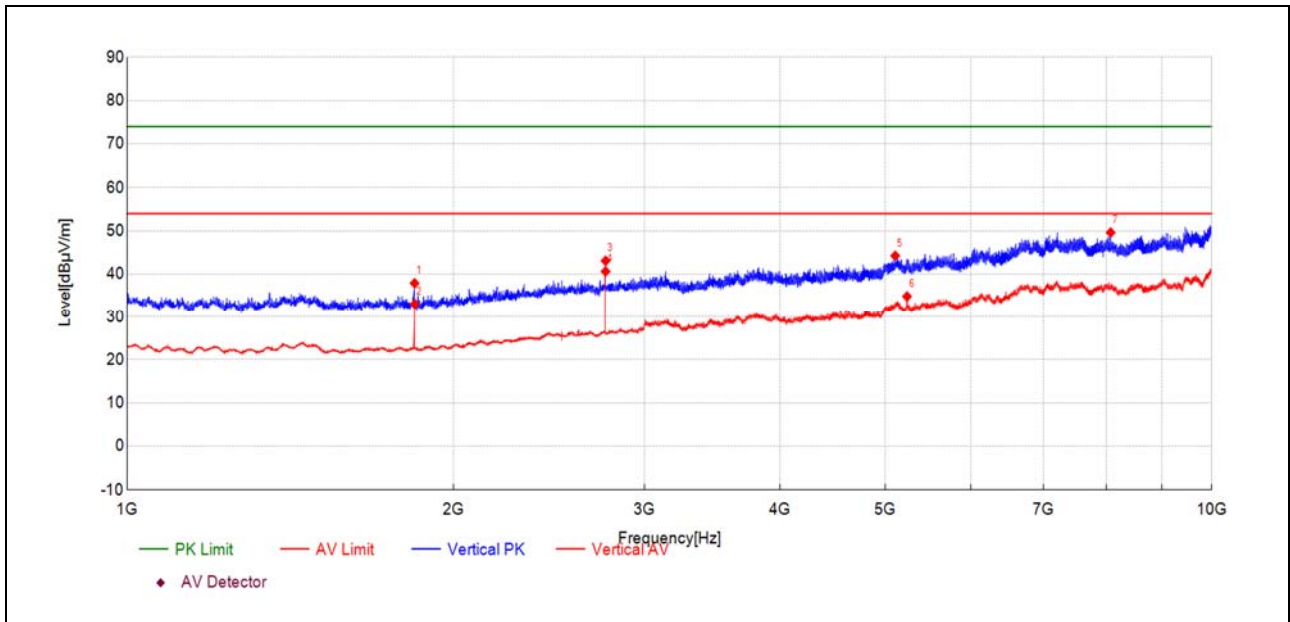
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1840.97	57.6	39.26	-18.330	74.00	34.74	234	PK	Horizontal	PASS
1841.37	54.3	35.97	-18.320	54.00	18.03	234	AV	Horizontal	PASS
2761.55	55.9	43.16	-12.730	74.00	30.84	266	PK	Horizontal	PASS
2761.55	52.4	39.62	-12.730	54.00	14.38	208	AV	Horizontal	PASS
4602.17	49.5	42.78	-6.760	74.00	31.22	178	PK	Horizontal	PASS
4602.64	42.7	35.94	-6.760	54.00	18.06	186	AV	Horizontal	PASS
5237.82	49.6	46.55	-3.040	74.00	27.45	335	PK	Horizontal	PASS
5238.75	40.5	37.49	-3.030	54.00	16.51	343	AV	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

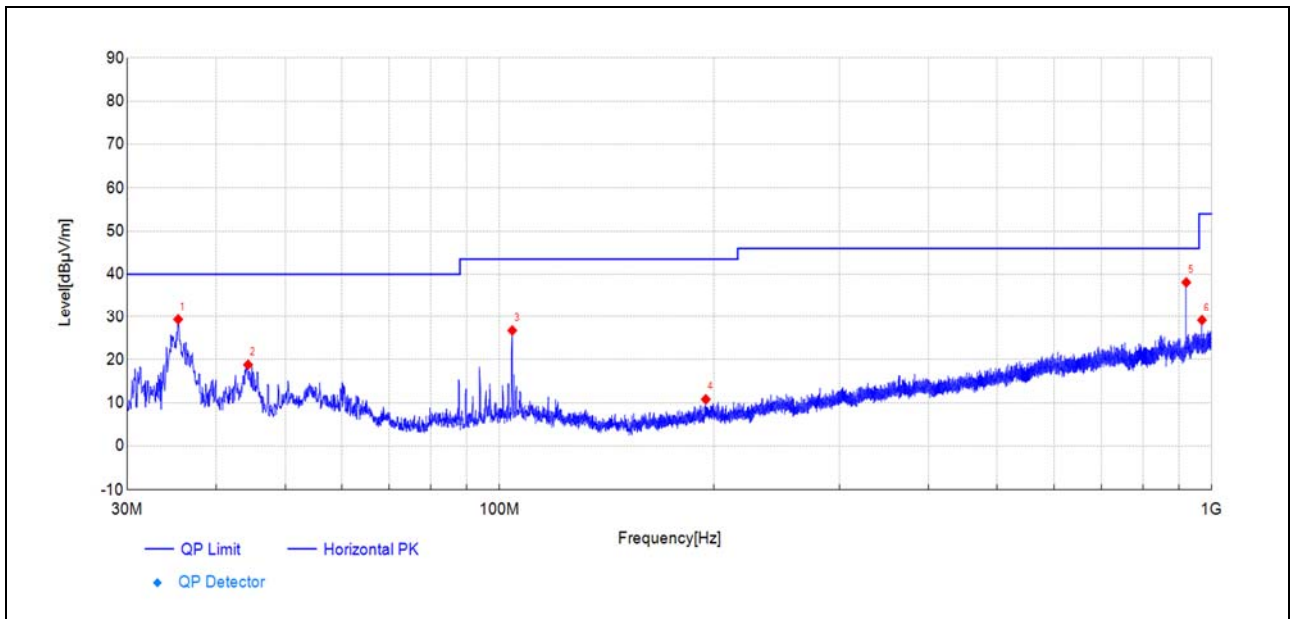
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.38	56.3	26.50	-29.790	40.00	13.50	336	PK	Vertical	PASS
53.91	45.7	18.10	-27.580	40.00	21.90	45	PK	Vertical	PASS
104.31	47.8	18.37	-29.440	43.50	25.13	161	PK	Vertical	PASS
385.96	39.1	16.68	-22.370	46.00	29.32	284	PK	Vertical	PASS
845.42	37.1	24.13	-12.980	46.00	21.87	336	PK	Vertical	PASS
920.41	38.8	27.08	-11.730	-	-	259	PK	Vertical	NA
949.17	38.0	26.94	-11.090	46.00	19.06	64	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 10GHz)

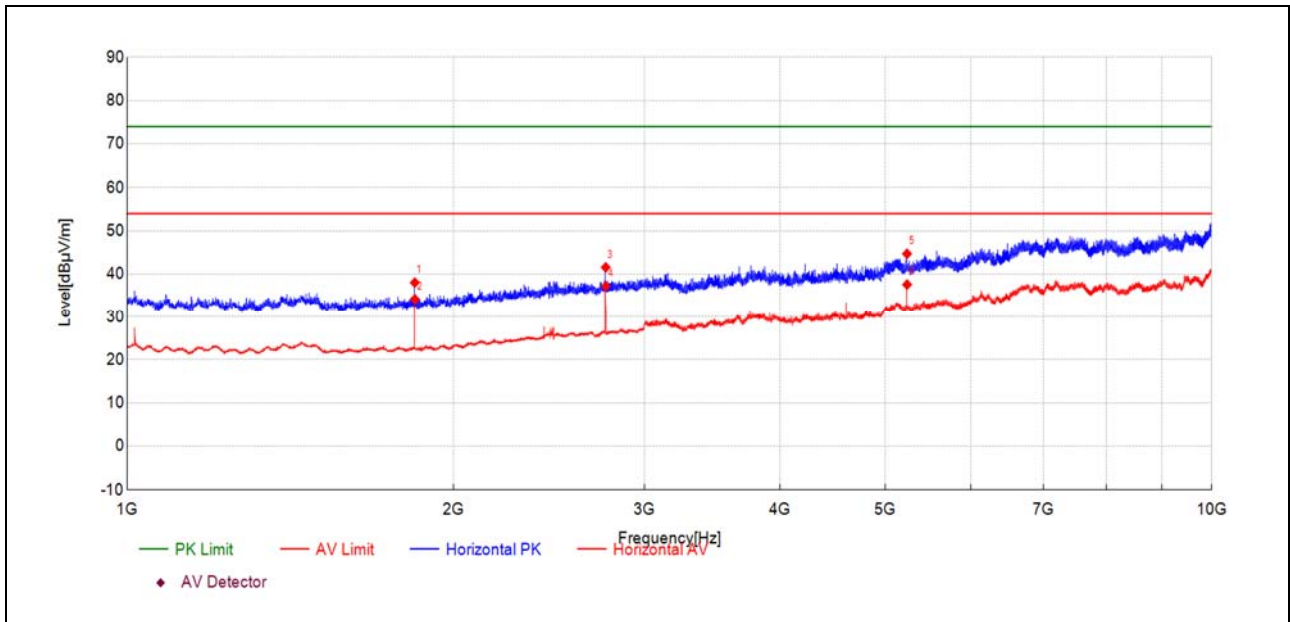
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1840.97	56.2	37.89	-18.330	74.00	36.11	239	PK	Vertical	PASS
1841.37	51.4	33.06	-18.320	54.00	20.94	197	AV	Vertical	PASS
2761.55	55.8	43.09	-12.730	74.00	30.91	181	PK	Vertical	PASS
2761.55	53.4	40.63	-12.730	54.00	13.37	181	AV	Vertical	PASS
5107.14	47.5	44.24	-3.220	74.00	29.76	280	PK	Vertical	PASS
5236.42	37.9	34.83	-3.060	54.00	19.17	156	AV	Vertical	PASS
8067.87	44.9	49.62	4.770	74.00	24.38	148	PK	Vertical	PASS

Plot for 920.8MHz



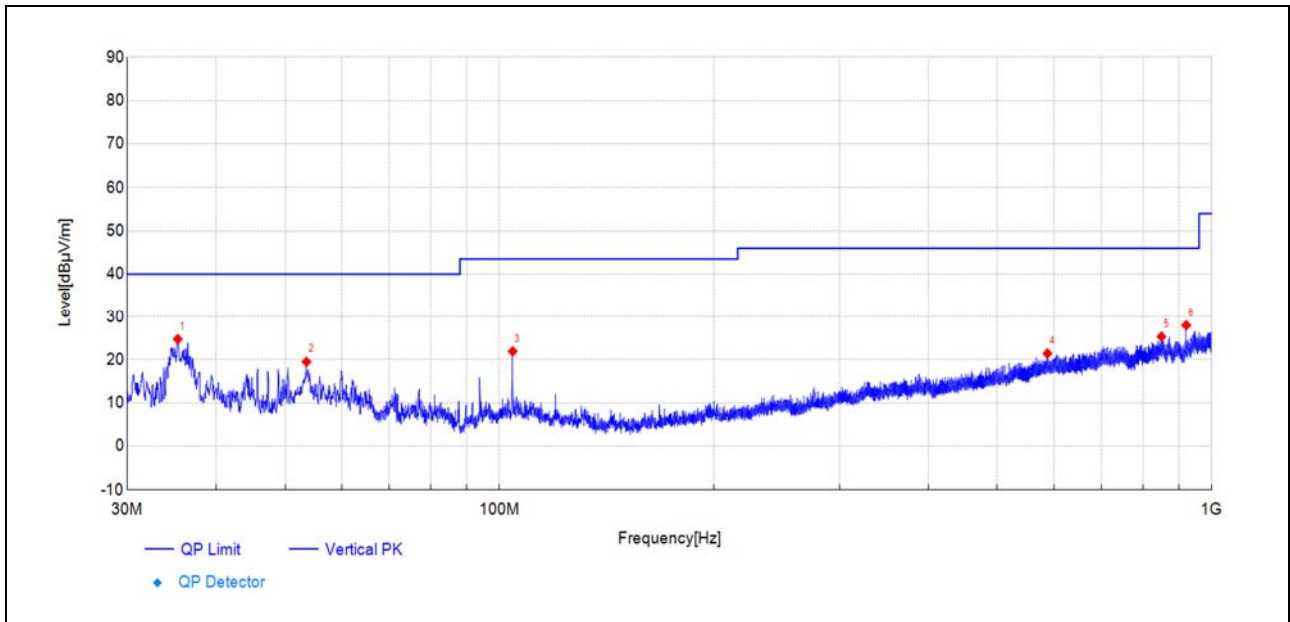
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.38	59.1	29.31	-29.790	40.00	10.69	240	PK	Horizontal	PASS
44.36	46.7	18.79	-27.910	40.00	21.21	220	PK	Horizontal	PASS
104.21	56.2	26.74	-29.490	43.50	16.76	302	PK	Horizontal	PASS
194.81	40.0	10.80	-29.180	43.50	32.70	137	PK	Horizontal	PASS
920.80	49.9	38.10	-11.770	-	-	348	PK	Horizontal	NA
968.76	40.8	29.14	-11.700	54.00	24.86	170	PK	Horizontal	PASS



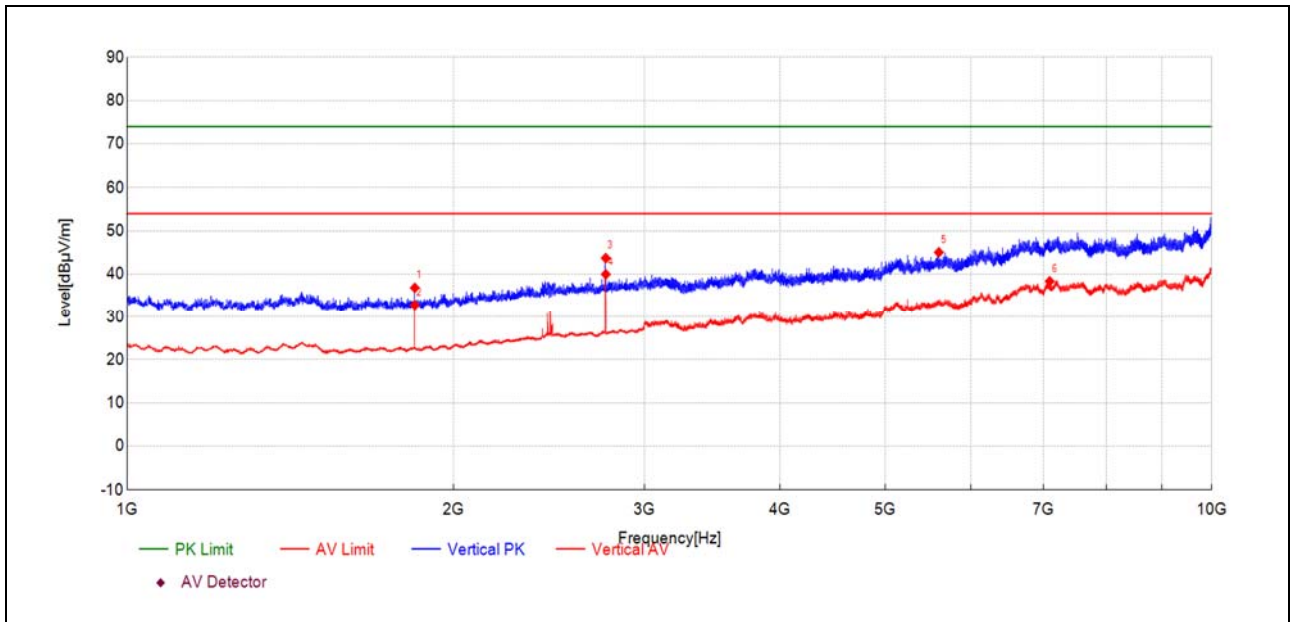
(Antenna Horizontal, 1GHz to 10GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1841.77	56.4	38.03	-18.320	74.00	35.97	244	PK	Horizontal	PASS
1842.17	52.5	34.18	-18.320	54.00	19.82	244	AV	Horizontal	PASS
2762.35	54.3	41.58	-12.730	74.00	32.42	80	PK	Horizontal	PASS
2762.75	50.0	37.21	-12.740	54.00	16.79	74	AV	Horizontal	PASS
5236.42	47.8	44.71	-3.060	74.00	29.29	103	PK	Horizontal	PASS
5236.88	40.7	37.59	-3.060	54.00	16.41	110	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
35.34	54.6	24.74	-29.810	40.00	15.26	188	PK	Vertical	PASS
53.57	47.2	19.50	-27.650	40.00	20.50	8	PK	Vertical	PASS
104.35	51.3	21.92	-29.410	43.50	21.58	178	PK	Vertical	PASS
587.83	38.5	21.42	-17.120	46.00	24.58	244	PK	Vertical	PASS
849.79	37.7	25.33	-12.350	46.00	20.67	305	PK	Vertical	PASS
920.75	39.7	27.96	-11.760	-	-	28	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
1841.77	55.2	36.83	-18.320	74.00	37.17	212	PK	Vertical	PASS
1841.77	51.1	32.80	-18.320	54.00	21.20	212	AV	Vertical	PASS
2762.35	56.4	43.71	-12.730	74.00	30.29	141	PK	Vertical	PASS
2762.75	52.7	39.97	-12.740	54.00	14.03	135	AV	Vertical	PASS
5602.77	46.4	45.05	-1.390	74.00	28.95	287	PK	Vertical	PASS
7088.27	34.2	38.34	4.150	54.00	15.66	351	AV	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
20 dB Bandwidth	$\pm 5\%$
Transmission Time	$\pm 5\%$
Radiated Emission	± 2.95 dB

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	2025.12.23	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	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-274	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	2025.06.20	2026.06.19
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2025.06.20	2026.06.19
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	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-K K-0.5	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-K KF-2	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-N N-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 acceptance" decision rule).

_____ END OF REPORT _____