



REPORT No.: SZ25120440W01

TEST REPORT

APPLICANT : Shenzhen Libro Technology Co., Ltd.

PRODUCT NAME : DOCKSTREAM 2 Smart Cordless Fountain

MODEL NAME : PLWF116S, 6236116

BRAND NAME : N/A

FCC ID : 2A3DE-PLWF116S

STANDARD(S) : 47 CFR Part 15 Subpart C

RECEIPT DATE : 2025-12-31

TEST DATE : 2026-01-14

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Change History		
Version	Date	Reason for change
1.0	2026-04-09	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Libro Technology Co., Ltd.
Applicant Address:	Room 501, West Tower, Twin Towers, Galaxy World, No. 8 Yaxing Road, Nankeng Community, Bantian Street, Longgang District, Shenzhen, China
Manufacturer:	N/A
Manufacturer Address:	N/A

1.2. Equipment Under Test (EUT) Description

Product Name:	DOCKSTREAM 2 Smart Cordless Fountain
Sample No.:	1#
Hardware Version:	V1.1
Software Version:	0.3.29
Operating Frequency:	10.50GHz-10.55GHz
Antenna Type:	Internal Antenna

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.

Note 2: According to the certificate holder, they declared that the models PLWF116S, 6236116 only different in model name, all RF parameters remain the same. The main measuring model is PLWF116S, only the results for PLWF116S were recorded in this report.



1.3. 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	15.245(b)	Field Strength of Fundamental	Jan. 14, 2026	Tian Xin	PASS	/
2	15.245(b)	Radiated Emission and Field Strength of Harmonic	Jan. 14, 2026	Tian Xin	PASS	/
3	15.245(b)(3) 15.205 15.209	Restricted Bands	Jan. 14, 2026	Tian Xin	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in ANSI C63.10-2020.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

1.4. 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. Field Strength of Fundamental

2.1.1. Requirement

According to FCC section 15.245(b), the field strength of fundamental and harmonics from intentional radiators operated within these frequency bands shall comply with the following:

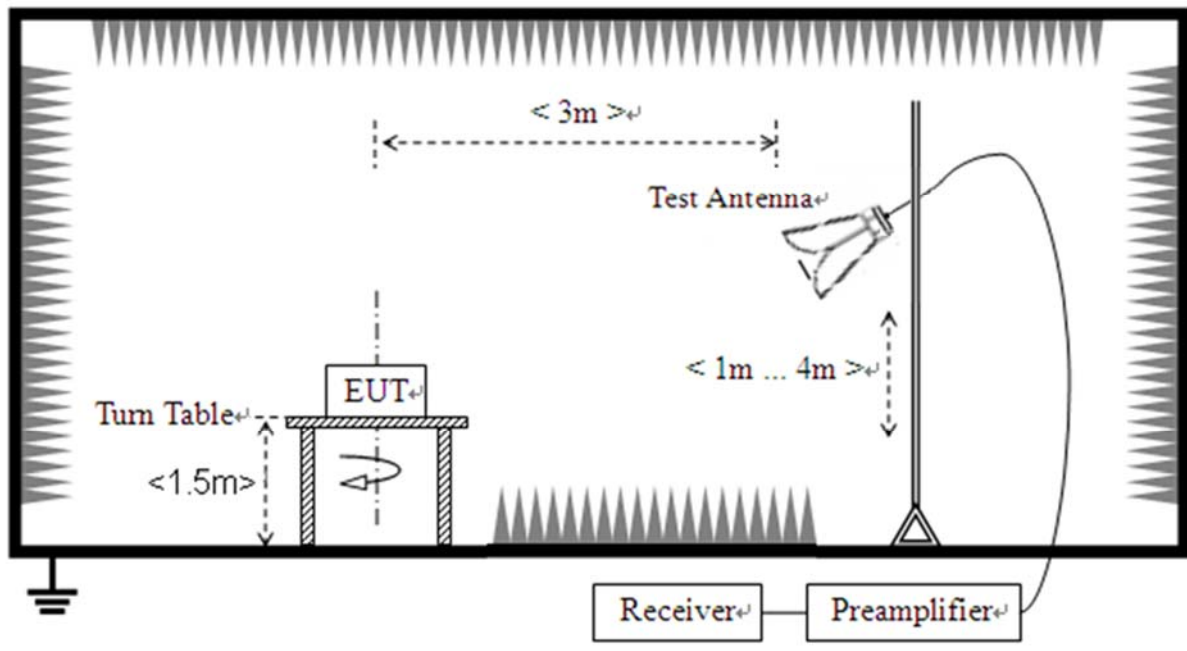
Fundamental frequency(MHz)	Field strength of fundamental (millivolts/meter)	Field strength of fundamental (dBuV/m)
24075-24175	2500	128

Note:

- 1) Limitation expressed in dBuV/m is calculated by $20\log$ Emission Level($1000 \times \text{mV/m}$).
- 2) Field strength limits are specified at a distance of 3 meters.
- 3) The emission limits shown above are based on measurement instrumentation employing an average detector. The provisions in Section 15.35 for limiting peak emissions apply.

2.1.2. Test Description

Test Setup:





The EUT is placed on a non-conducting table 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 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.

2.1.3. Test Procedure

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz

VBW = 3 MHz

Sweep = auto

Detector function = Peak or Average

Trace = max hold

2.1.4. Test Result

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

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
10524.69	96.8	96.12	-0.680	147.79	51.67	165	355	PK	Horizontal	PASS
10524.69	69.3	68.66	-0.680	127.96	59.30	165	355	AV	Horizontal	PASS
10524.69	70.1	69.44	-0.680	127.96	58.52	165	336	AV	Vertical	PASS
10524.69	97.5	96.78	-0.680	147.79	51.01	165	336	PK	Vertical	PASS

2.2. Radiated Emission and Field Strength of Harmonic

2.2.1. Requirement

According to section 15.245(b), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency(MHz)	Field strength of fundamental (millivolts/meter)	Field strength of fundamental (dBuV/m)
24075-24175	25	88

Note:

- 1) Limitation expressed in dBuV/m is calculated by $20\log$ Emission Level($1000 \times \text{mV/m}$).
- 2) Field strength limits are specified at a distance of 3 meters.
- 3) The emission limits shown above are based on measurement instrumentation employing an average detector. The provisions in Section 15.35 for limiting peak emissions apply.

According to section 15.245(b)(3), 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 ($\mu\text{V/m}$)	Measurement Distance (m)	Field Strength Limitation at 3m Measurement Distance	
			($\mu\text{V/m}$)	(dBuV/m)
0.009 - 0.490	$2400/F(\text{kHz})$	300	$10000 \times 2400/F(\text{kHz})$	$20\log 2400/F(\text{kHz}) + 80$
0.490 - 1.705	$24000/F(\text{kHz})$	30	$100 \times 2400/F(\text{kHz})$	$20\log 2400/F(\text{kHz}) + 40$
1.705 - 30.0	30	30	100×30	$20\log 30 + 40$
30 - 88	100	3	100	$20\log 100$
88 - 216	150	3	150	$20\log 150$
216 - 960	200	3	200	$20\log 200$
Above 960	500	3	500	$20\log 500$

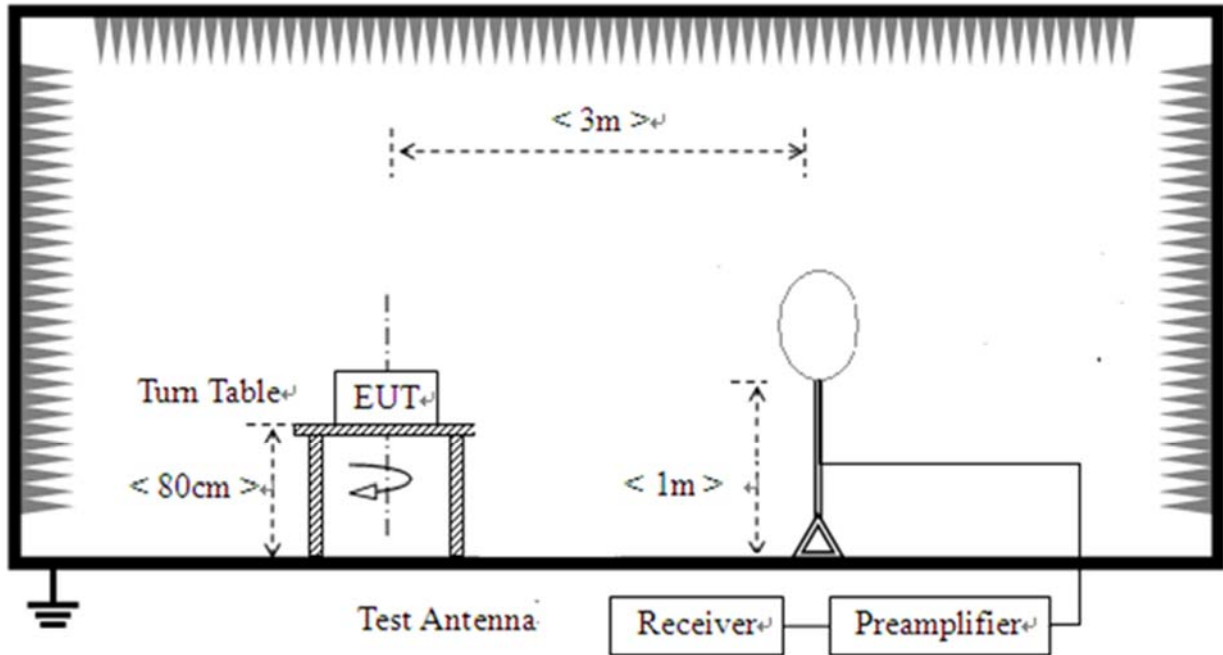
Note:

- 1) In the emission table above, the tighter limit applies at the band edges.
- 2) Limitation expressed in dBuV/m is calculated by $20\log$ Emission Level($\mu\text{V/m}$).
- 3) If measurement is made at other distance, then F.S Limitation is adjusted by using the formula of $L_{d1} = L_{d2} \times (d2/d1)$.
- 4) Field strength limits are specified at a distance of 3 meters.
- 5) The provisions in Section 15.35 for limiting peak emissions apply.

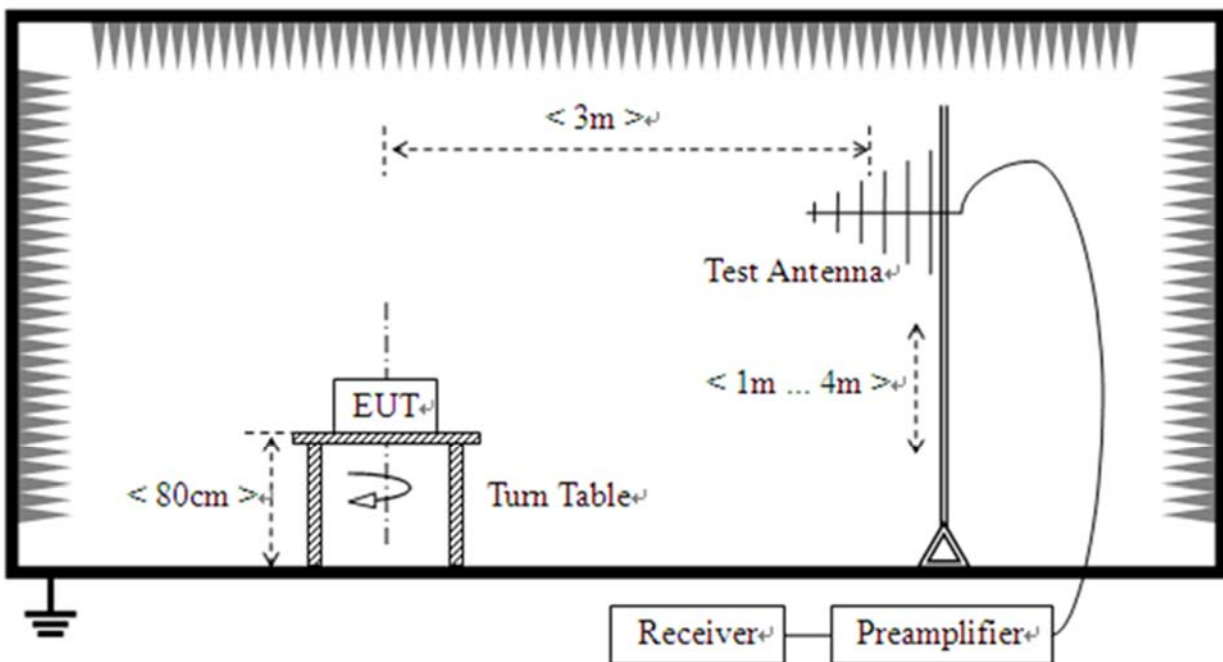
2.2.2. Test Description

A.Test Setup:

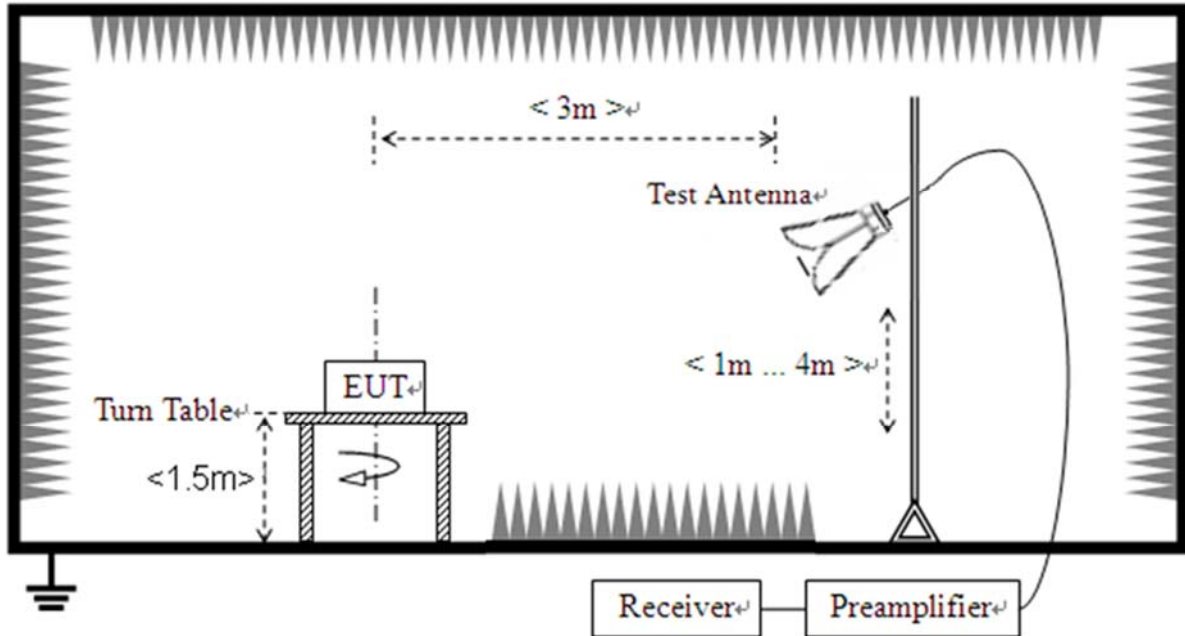
1) For radiated emissions from 9kHz to 30MHz



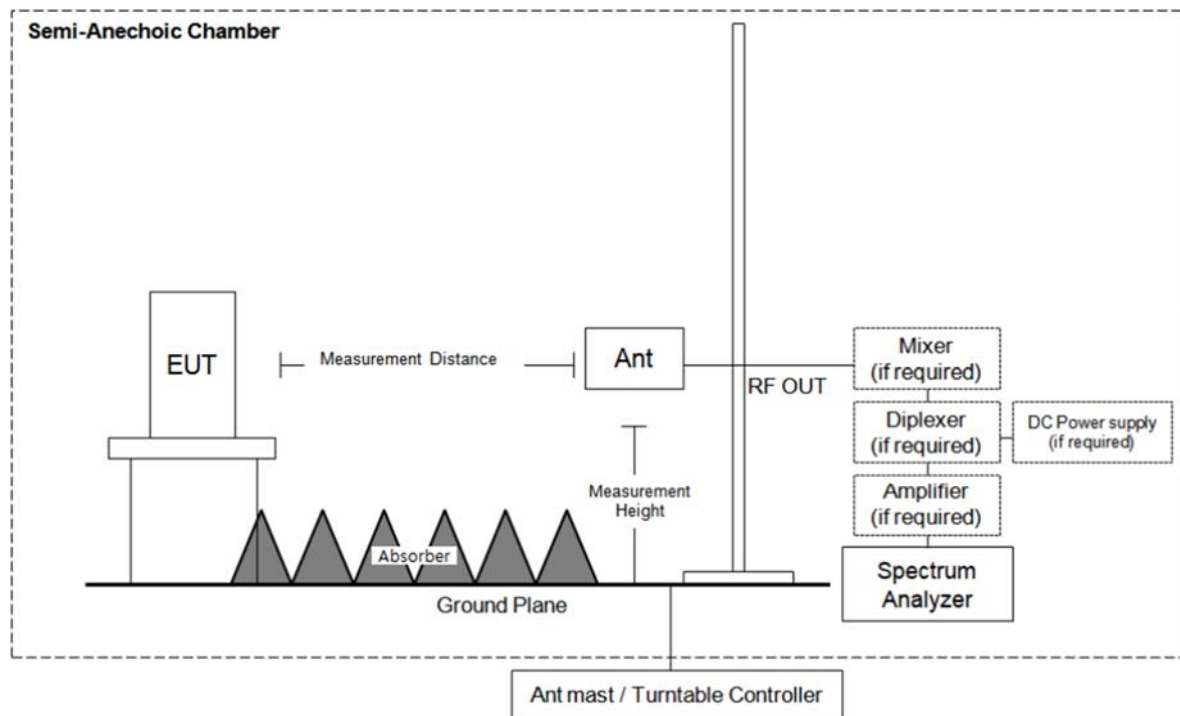
2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions from 1GHz to 40GHz



4) For radiated emissions above 40GHz



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.

2.2.3. Test Procedure

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 150kHz the resolution bandwidth is set to 200Hz for peak detection measurements or quasi-peak detection measurements. For measurements above 150kHz the resolution bandwidth is set to 9kHz for peak detection measurements or quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

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.



2.2.4. 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:

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

$$L_{\text{Cable loss}} [\text{dB}] = L_{\text{Mixer}} [\text{dB}] + L_{\text{IF}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

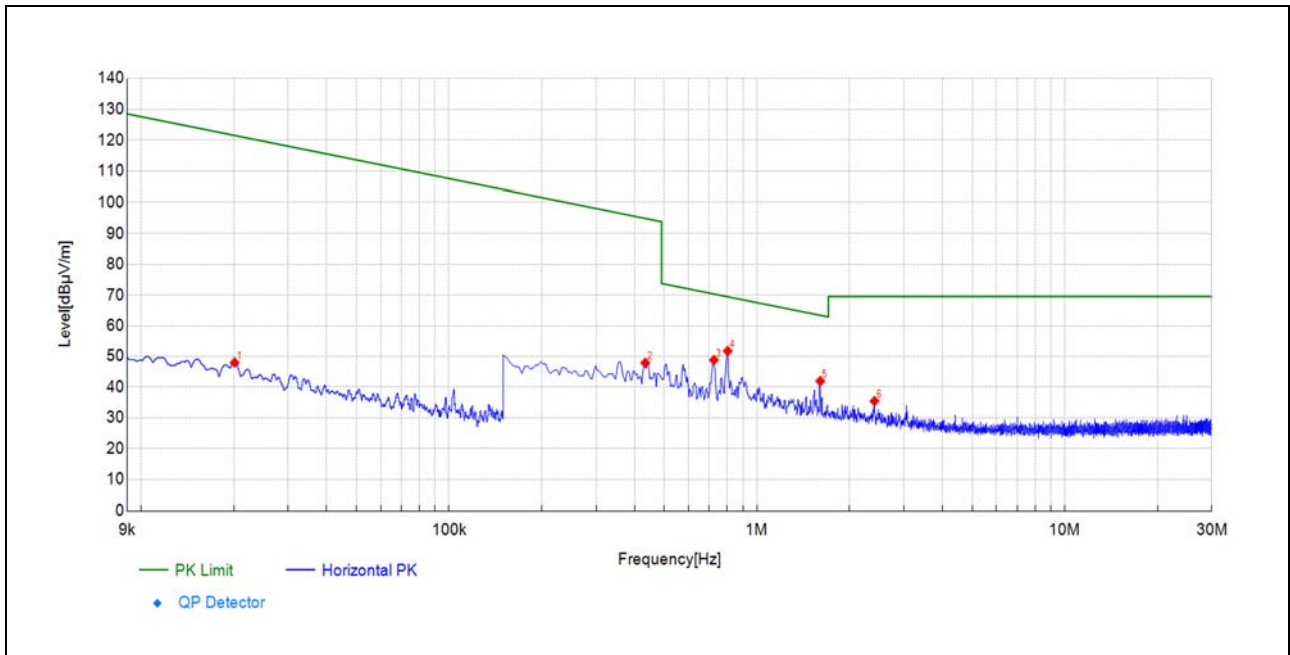
When testing above 40GHz:

$L_{\text{mixer}} [\text{dB}]$: Conversion Loss of Mixer.

$L_{\text{IF}} [\text{dB}]$: Cable loss of the RF cable that connects the IF output of the mixer to the IF input of the spectrum.

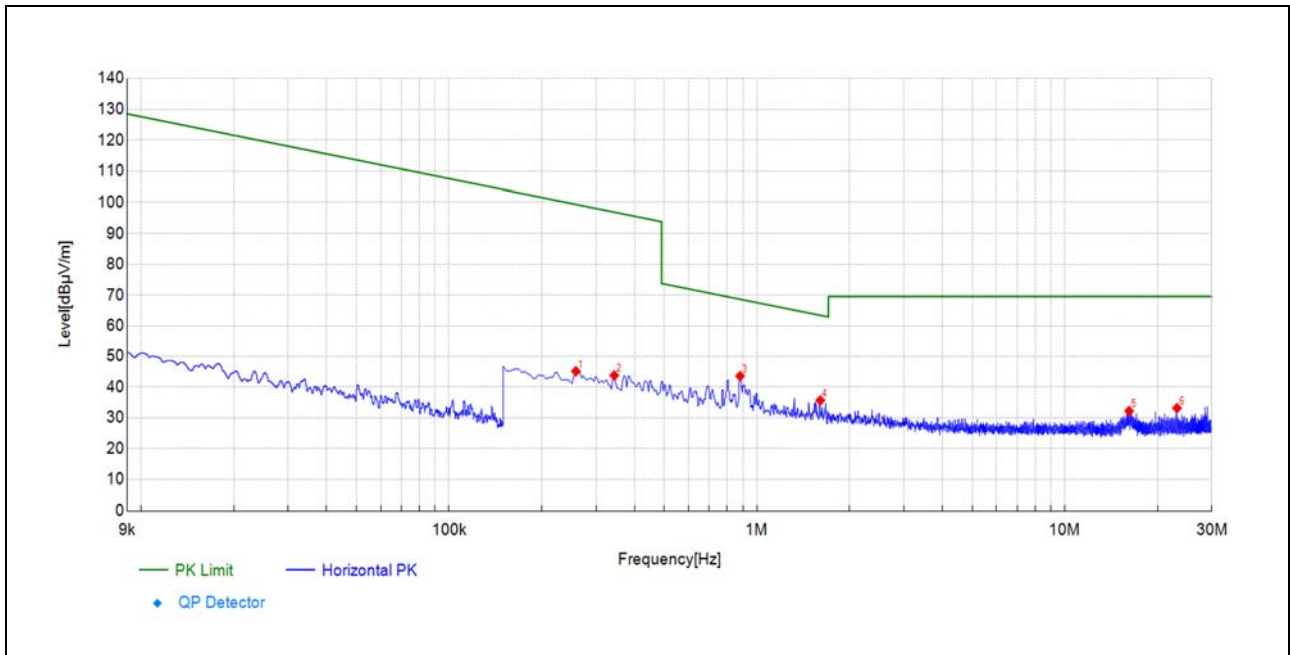
During the test, the total correction Factor A_T and A_{Factor} were built in test software.

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



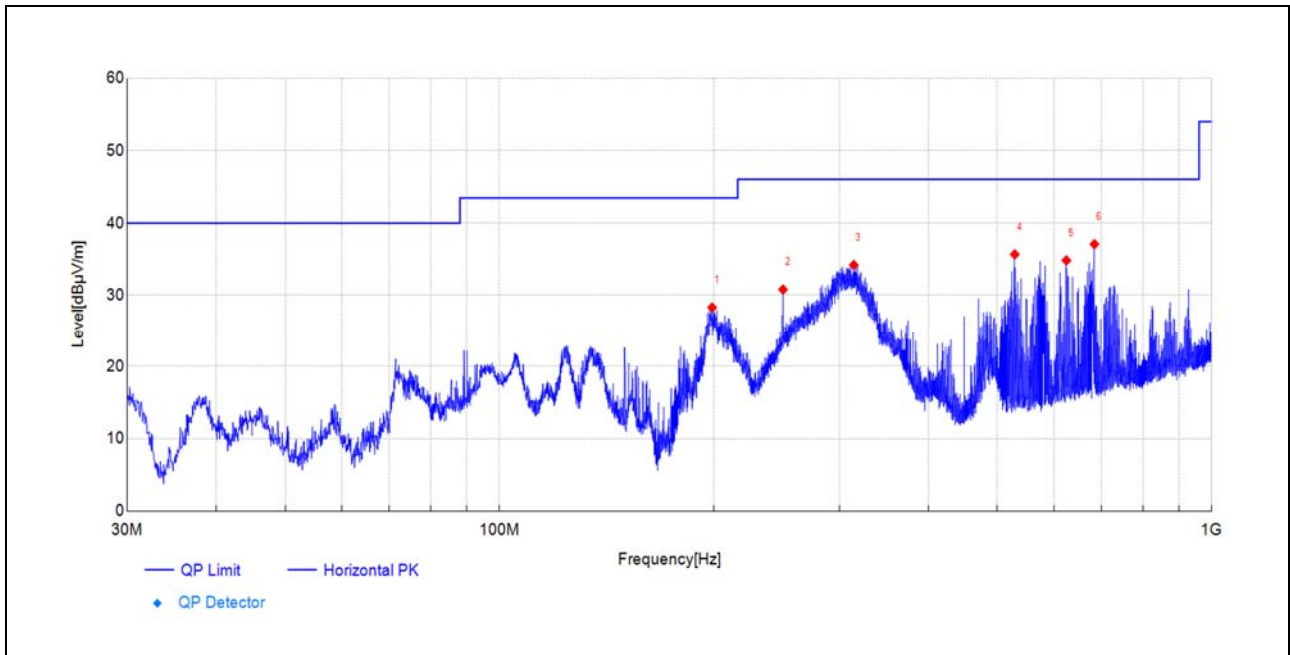
(9kHz – 30MHz, Test Antenna Horizontal_Parallel)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
0.02	28.4	47.87	19.510	127.72	79.85	100	317	PK	PASS
0.43	27.8	47.80	19.970	97.87	50.07	100	356	PK	PASS
0.72	28.7	48.69	20.010	71.71	23.02	100	15	PK	PASS
0.80	31.6	51.59	20.010	71.01	19.42	100	356	PK	PASS
1.61	21.8	41.85	20.080	63.86	22.01	100	0	PK	PASS
2.41	15.2	35.40	20.180	69.54	34.14	100	0	PK	PASS



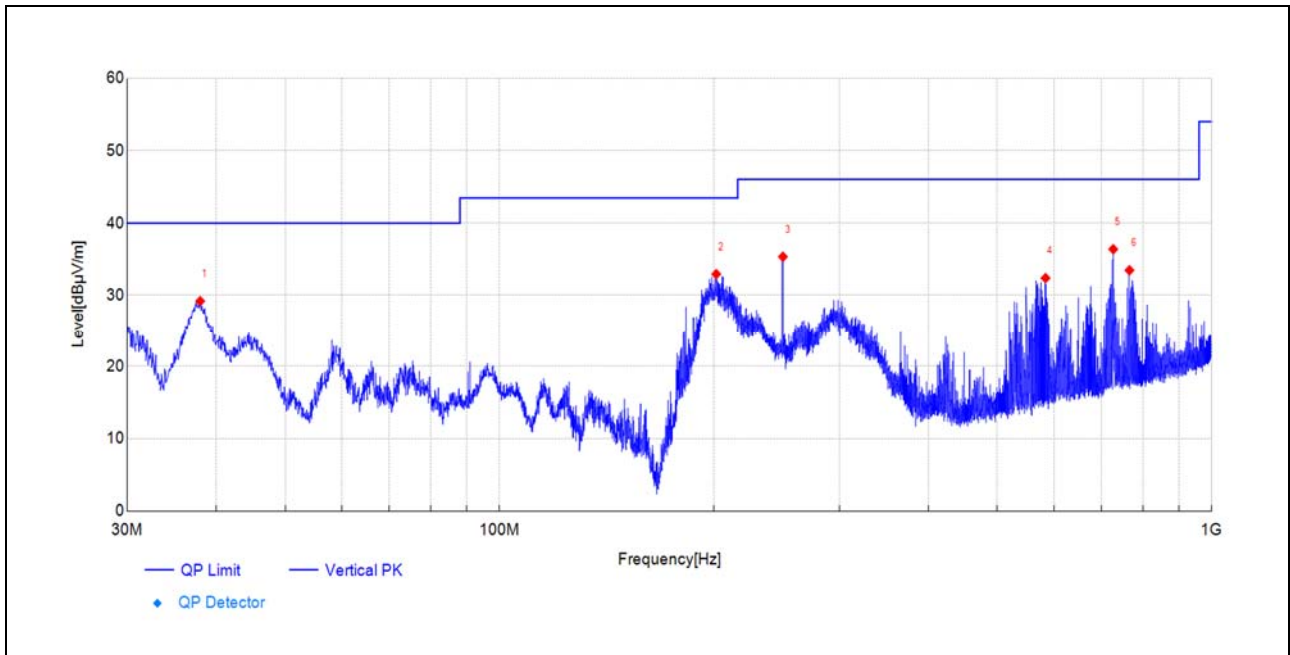
(9kHz – 30MHz, Test Antenna Horizontal_Perpendicular)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
0.26	25.2	45.07	19.860	110.53	65.46	100	1	PK	PASS
0.34	23.8	43.70	19.920	104.34	60.64	100	66	PK	PASS
0.88	23.5	43.53	20.010	70.31	26.78	100	294	PK	PASS
1.61	15.5	35.62	20.080	63.86	28.24	100	262	PK	PASS
16.17	12.0	32.18	20.190	69.54	37.36	100	153	PK	PASS
23.13	12.8	33.14	20.340	69.54	36.40	100	66	PK	PASS



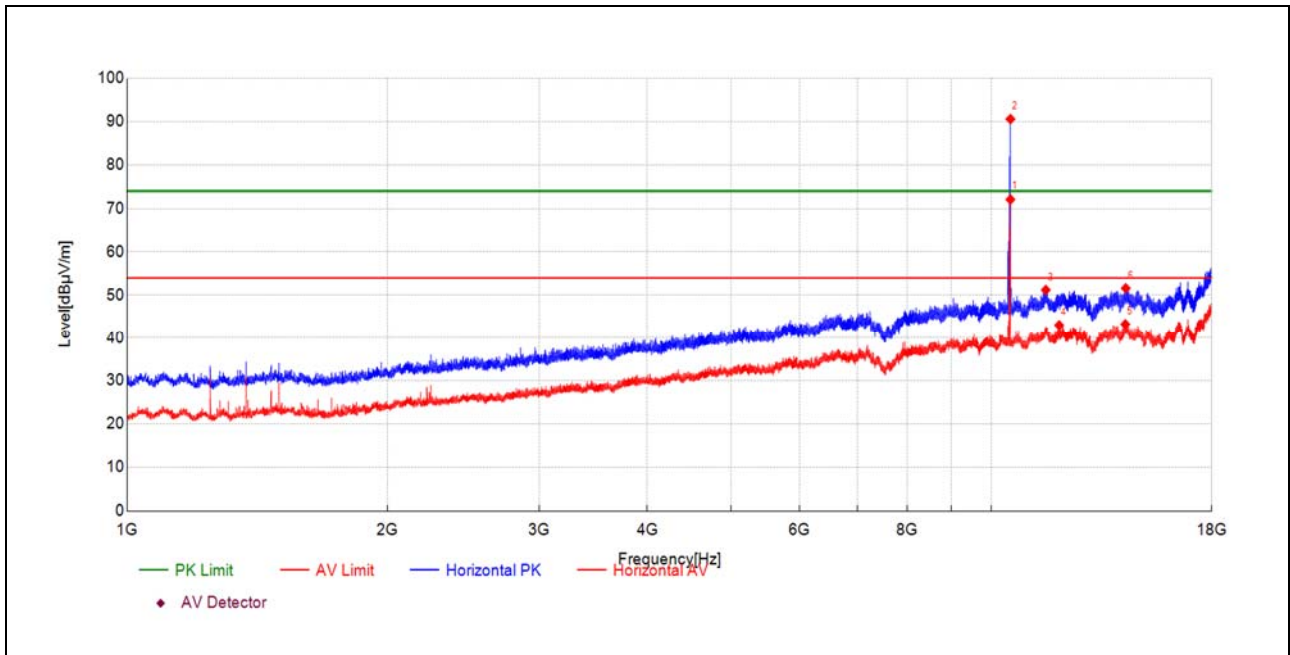
(30MHz – 1GHz, Test Antenna Horizontal)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
198.85	58.3	28.29	-30.010	43.50	15.21	165	287	PK	PASS
250.06	58.9	30.79	-28.120	46.00	15.21	165	2	PK	PASS
314.32	60.8	34.20	-26.610	46.00	11.80	165	325	PK	PASS
528.96	57.1	35.67	-21.420	46.00	10.33	165	174	PK	PASS
624.97	54.2	34.83	-19.330	46.00	11.17	165	71	PK	PASS
684.35	55.6	37.08	-18.510	46.00	8.92	165	59	PK	PASS



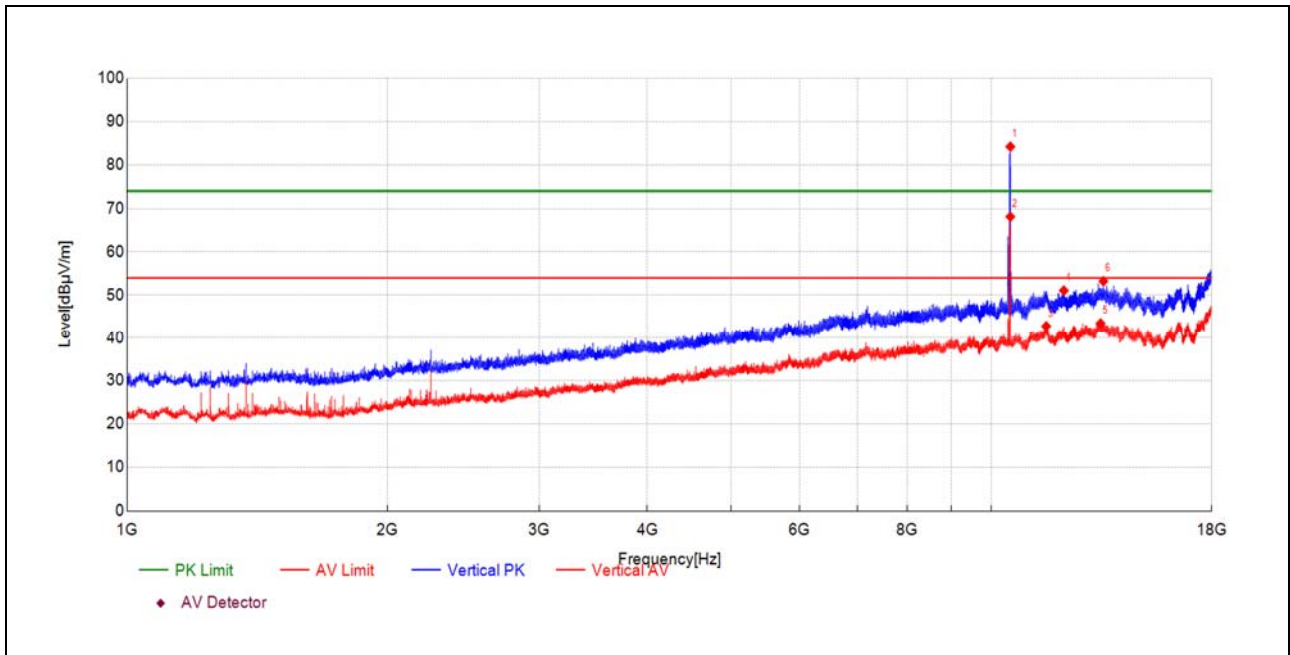
(30MHz – 1GHz, Test Antenna Vertical)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
38.00	58.9	29.19	-29.730	40.00	10.81	165	276	PK	PASS
201.49	63.1	32.93	-30.210	43.50	10.57	165	289	PK	PASS
250.00	63.5	35.34	-28.120	46.00	10.66	165	358	PK	PASS
584.23	52.6	32.38	-20.220	46.00	13.62	165	86	PK	PASS
727.21	53.8	36.39	-17.420	46.00	9.61	165	23	PK	PASS
766.36	50.4	33.46	-16.980	46.00	12.54	165	354	PK	PASS



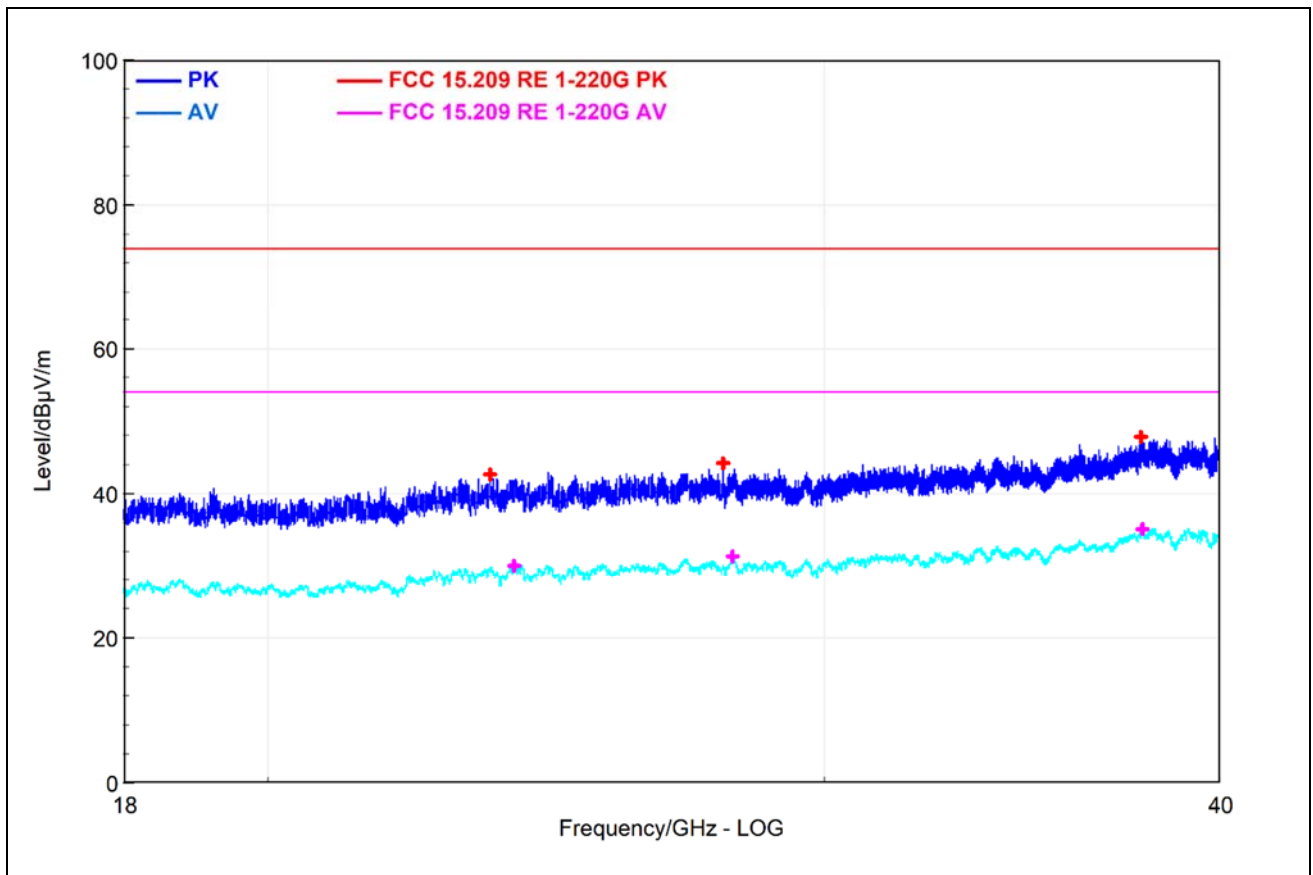
(1GHz – 18GHz, Test Antenna Horizontal)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
10524.91	72.8	72.15	-0.680	-	-	165	274	AV	NA
10524.91	91.3	90.60	-0.680	-	-	165	267	PK	NA
11567.46	48.4	51.22	2.870	74.00	22.78	165	6	PK	PASS
11985.67	41.0	43.03	2.040	54.00	10.97	165	54	AV	PASS
14294.76	38.8	43.26	4.470	54.00	10.74	165	26	AV	PASS
14313.46	47.1	51.61	4.490	74.00	22.39	165	246	PK	PASS



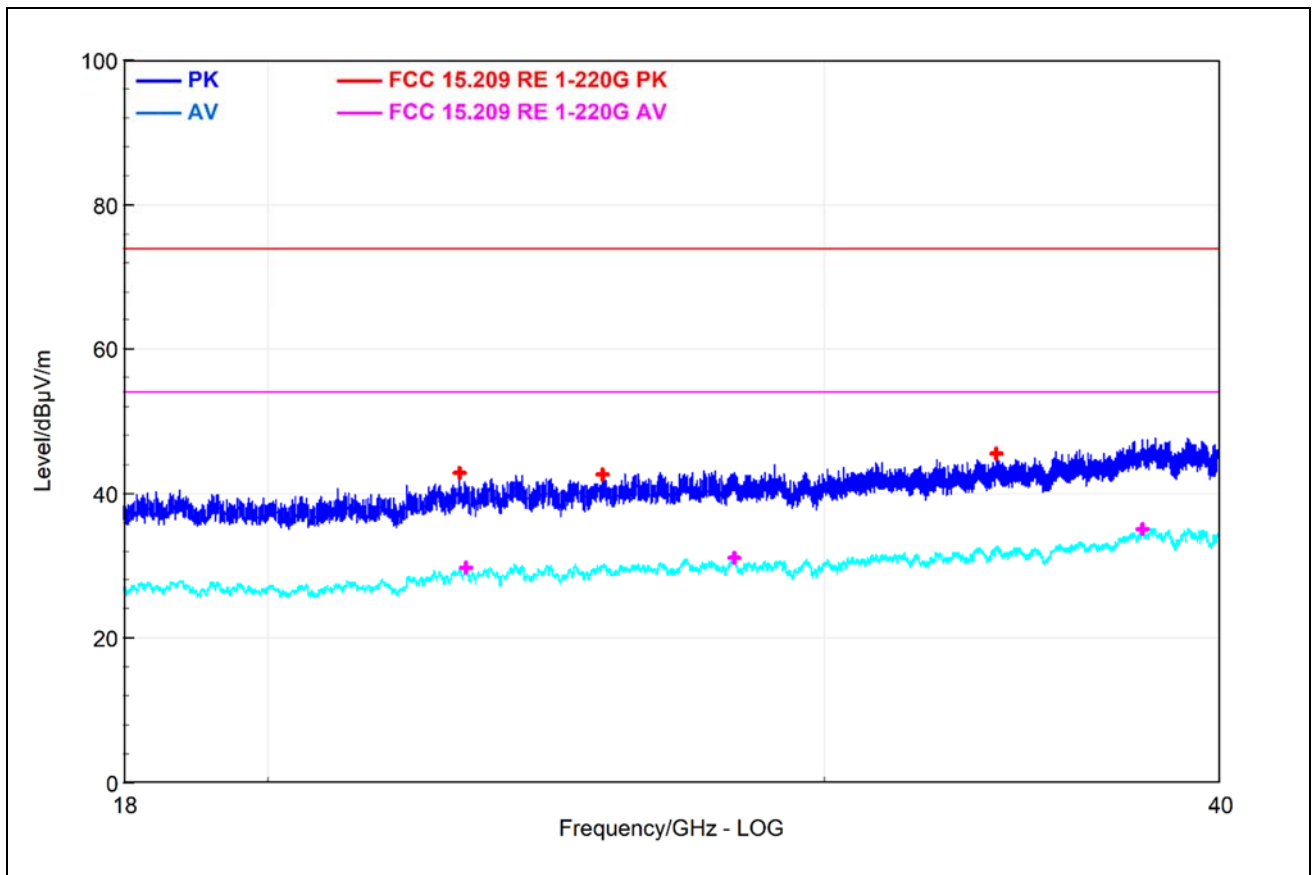
(1GHz – 18GHz, Test Antenna Vertical)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
10524.06	84.9	84.22	-0.680	-	-	165	334	PK	NA
10524.06	68.8	68.16	-0.680	-	-	165	334	AV	NA
11579.79	39.8	42.79	3.030	54.00	11.21	165	360	AV	PASS
12135.70	48.5	51.08	2.600	74.00	22.92	165	60	PK	PASS
13383.11	38.7	43.45	4.780	54.00	10.55	165	315	AV	PASS
13484.69	48.8	53.25	4.470	74.00	20.75	165	341	PK	PASS



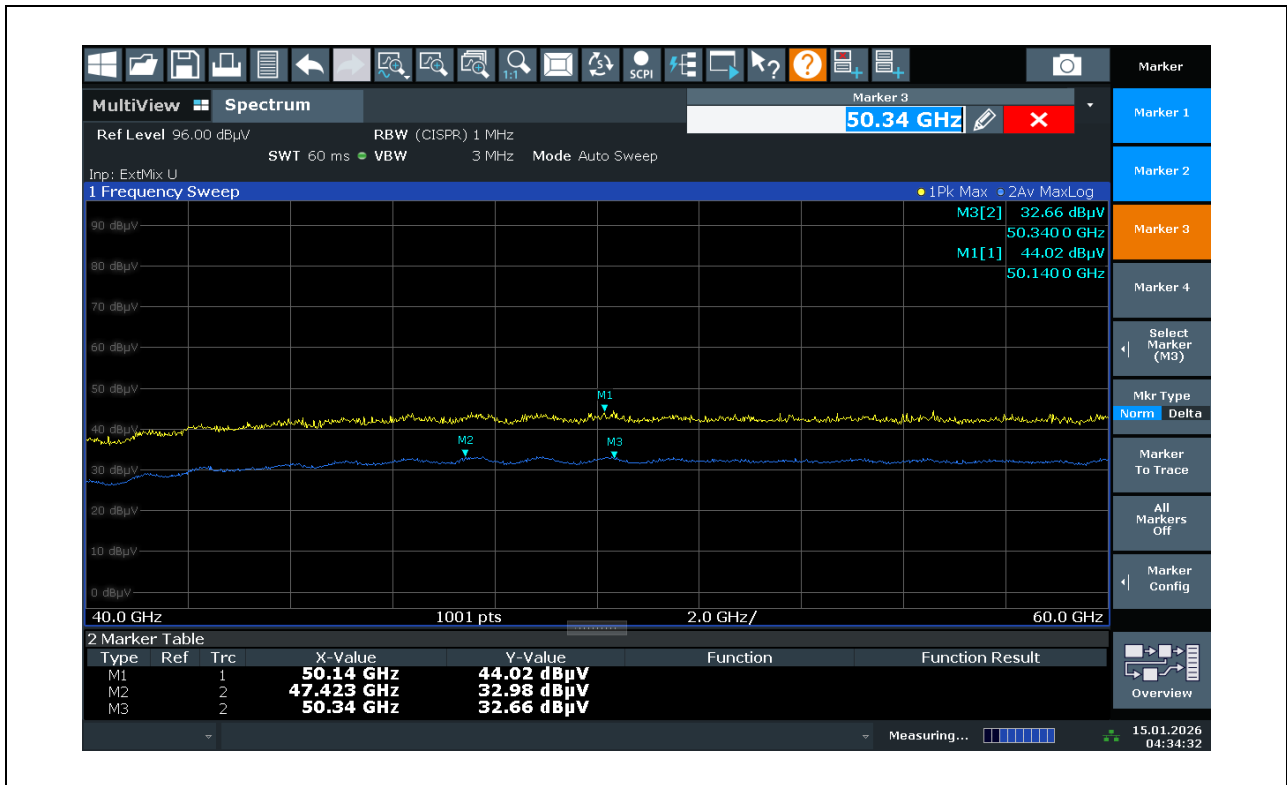
(18GHz – 40GHz, Test Antenna Horizontal)

Frequency(GHz)	Level(dBμV/m)	Detector	RBW(MHz)	Limit(dBμV/m)	Margin(dB)	Verdict
23.532251	42.58	PK	1	74	31.42	PASS
27.883449	44.18	PK	1	74	29.82	PASS
37.8109	47.78	PK	1	74	26.22	PASS
23.953271	29.96	AV	1	54	24.04	PASS
28.092459	31.12	AV	1	54	22.88	PASS
37.851902	35.11	AV	1	54	18.89	PASS



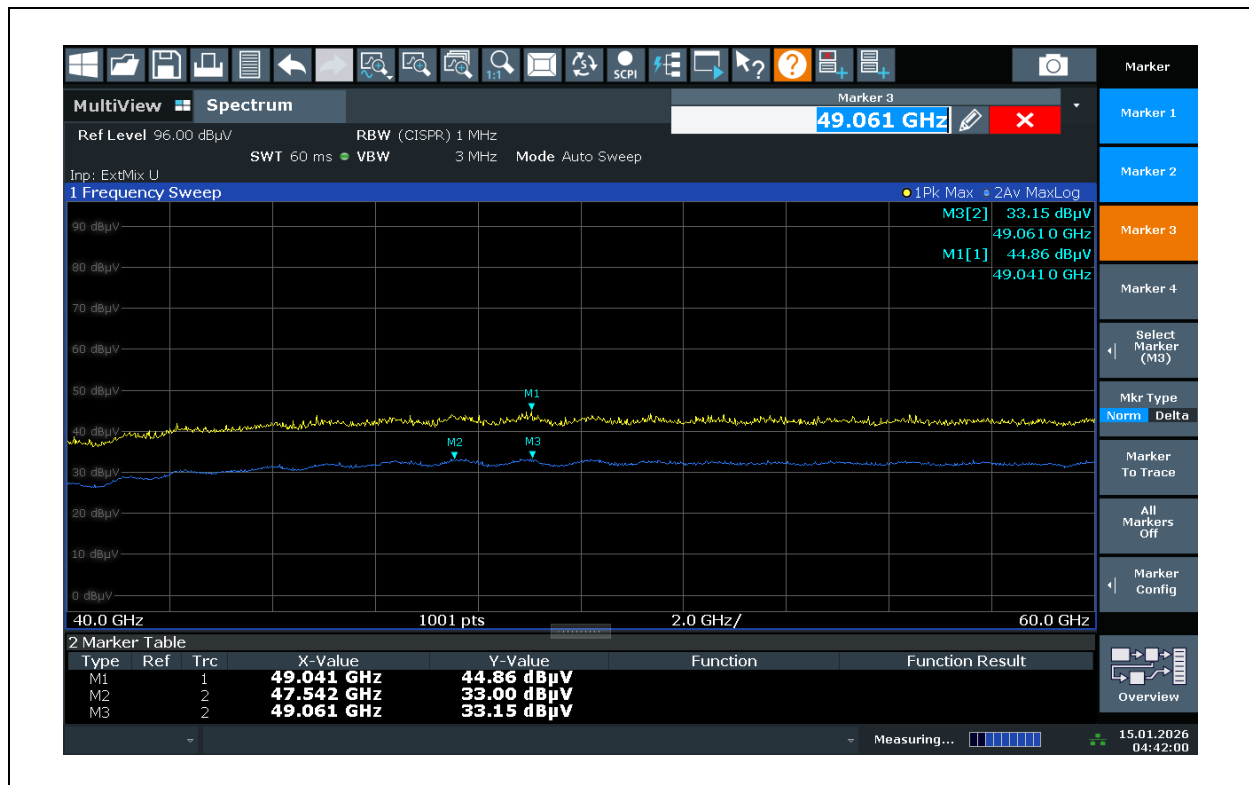
(18GHz – 40GHz, Test Antenna Vertical)

Frequency(GHz)	Level(dBμV/m)	Detector	RBW(MHz)	Limit(dBμV/m)	Margin(dB)	Verdict
23.002227	42.87	PK	1	74	31.13	PASS
25.545343	42.5	PK	1	74	31.5	PASS
34.020728	45.44	PK	1	74	28.56	PASS
23.125233	29.6	AV	1	54	24.4	PASS
28.104459	31.1	AV	1	54	22.9	PASS
37.861903	35.06	AV	1	54	18.94	PASS



(40GHz – 60GHz, Test Antenna Horizontal)

Frequency (GHz)	Detector	Receiver Reading UR (dBμV)	AFactor (dB@3m)	AT (dB)	LC (dB)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Margin	Verdict
47.423	AV	32.98	42.66	-40.11	5.51	41.04	54	12.96	Pass
50.14	PK	44.02	42.9	-39.83	5.78	52.87	74	21.13	Pass
50.34	AV	32.66	42.91	-39.89	5.83	41.51	54	12.49	Pass



(40GHz – 60GHz, Test Antenna Vertical)

Frequency (GHz)	Detector	Receiver Reading UR (dBμV)	AFactor (dB@3m)	AT (dB)	LC (dB)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Margin	Verdict
47.542	AV	33	42.68	-40.13	5.52	41.07	54	12.93	Pass
49.041	PK	44.86	42.88	-40	5.91	53.65	74	20.35	Pass
49.061	AV	33.15	42.88	-40	5.91	41.94	54	12.06	Pass

2.3. Restricted Bands

2.3.1. Requirement

According to section 15.245(b)(3), 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 ($\mu\text{V/m}$)	Measurement Distance (m)	Field Strength Limitation at 3m Measurement Distance	
			($\mu\text{V/m}$)	(dBuV/m)
0.009 - 0.490	$2400/F(\text{kHz})$	300	$10000^* \frac{2400}{F(\text{kHz})}$	$20\log 2400/F(\text{kHz}) + 80$
0.490 - 1.705	$24000/F(\text{kHz})$	30	$100^* \frac{2400}{F(\text{kHz})}$	$20\log 2400/F(\text{kHz}) + 40$
1.705 - 30.0	30	30	100^*30	$20\log 30 + 40$
30 - 88	100	3	100	$20\log 100$
88 - 216	150	3	150	$20\log 150$
216 - 960	200	3	200	$20\log 200$
Above 960	500	3	500	$20\log 500$

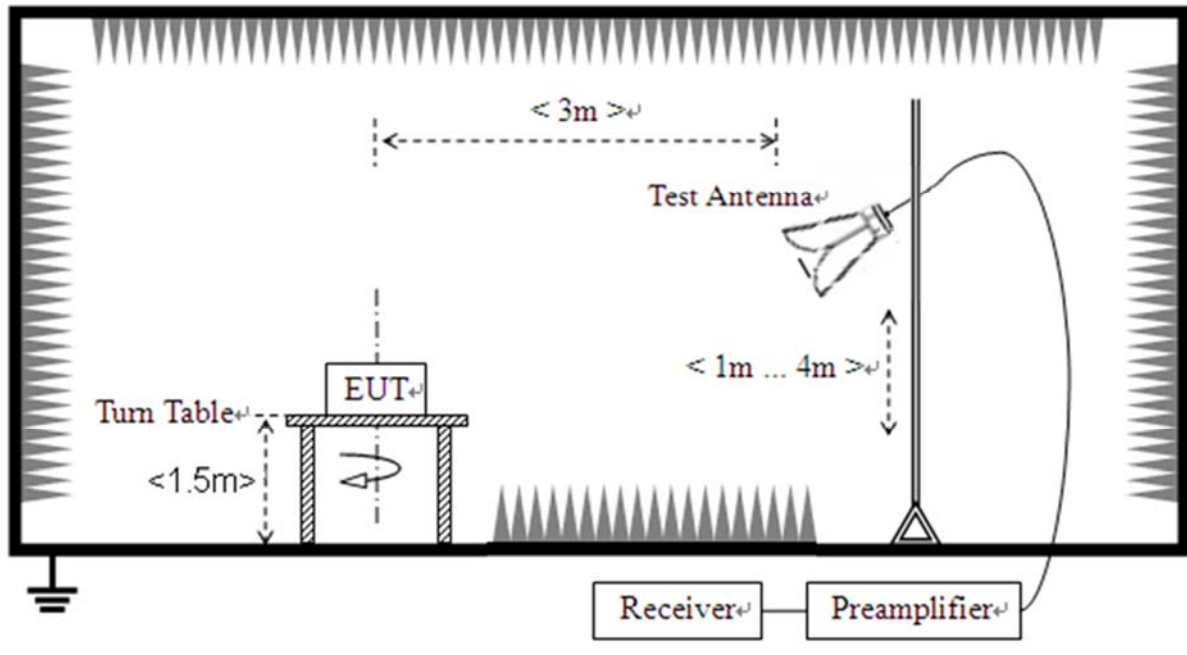
Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions.

Note:

- 1) In the emission table above, the tighter limit applies at the band edges.
- 2) Limitation expressed in dBuV/m is calculated by $20\log \text{Emission Level}(\mu\text{V/m})$.
- 1) If measurement is made at other distance, then F.S Limitation is adjusted by using the formula of $L_{d1} = L_{d2} * (d2/d1)$.
- 2) Field strength limits are specified at a distance of 3 meters.
- 3) The provisions in Section 15.35 for limiting peak emissions apply.

2.3.2. Test Description

A.Test Setup:



The EUT is placed on a non-conducting table 1.5 m above the ground plane for measurement above 1GHz. 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.

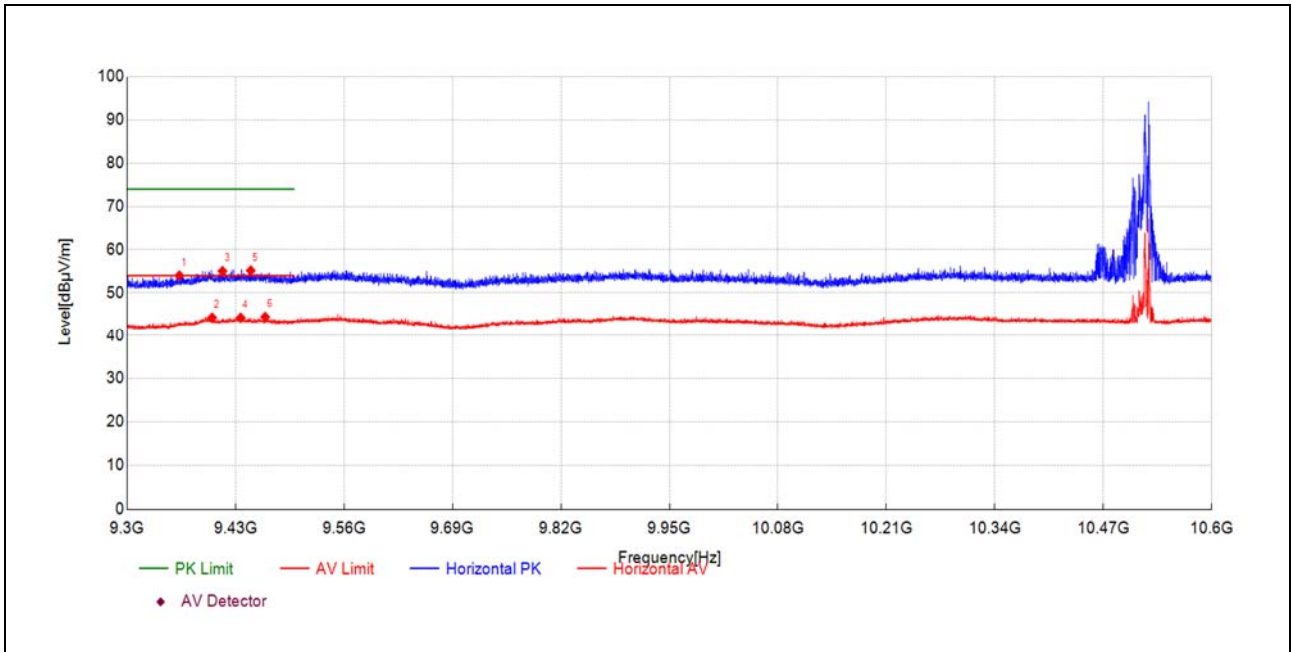
2.3.3. Test Procedure

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.

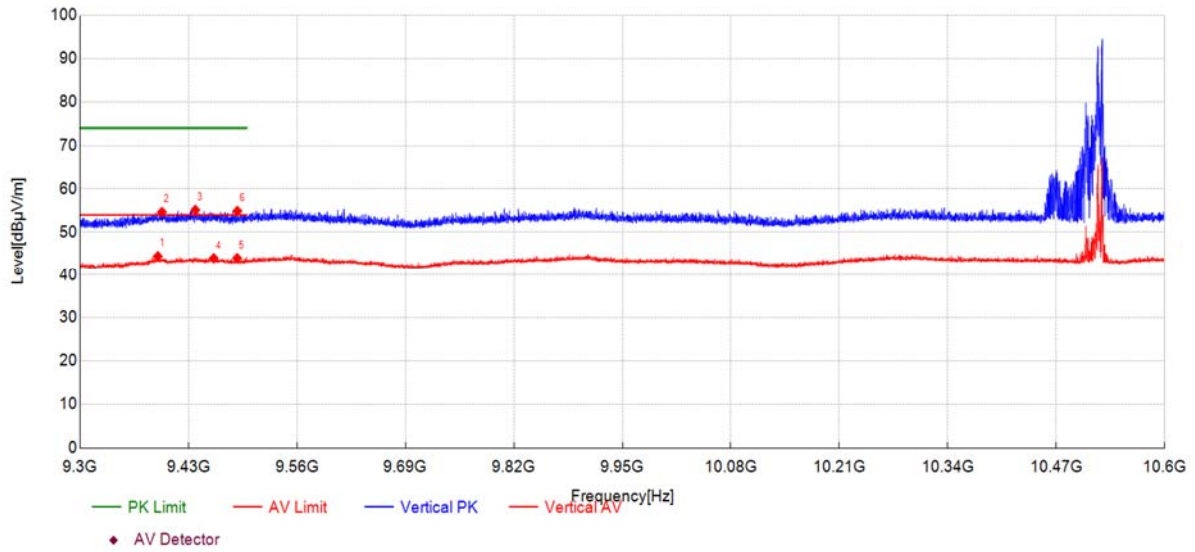
2.3.4. Test Result

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



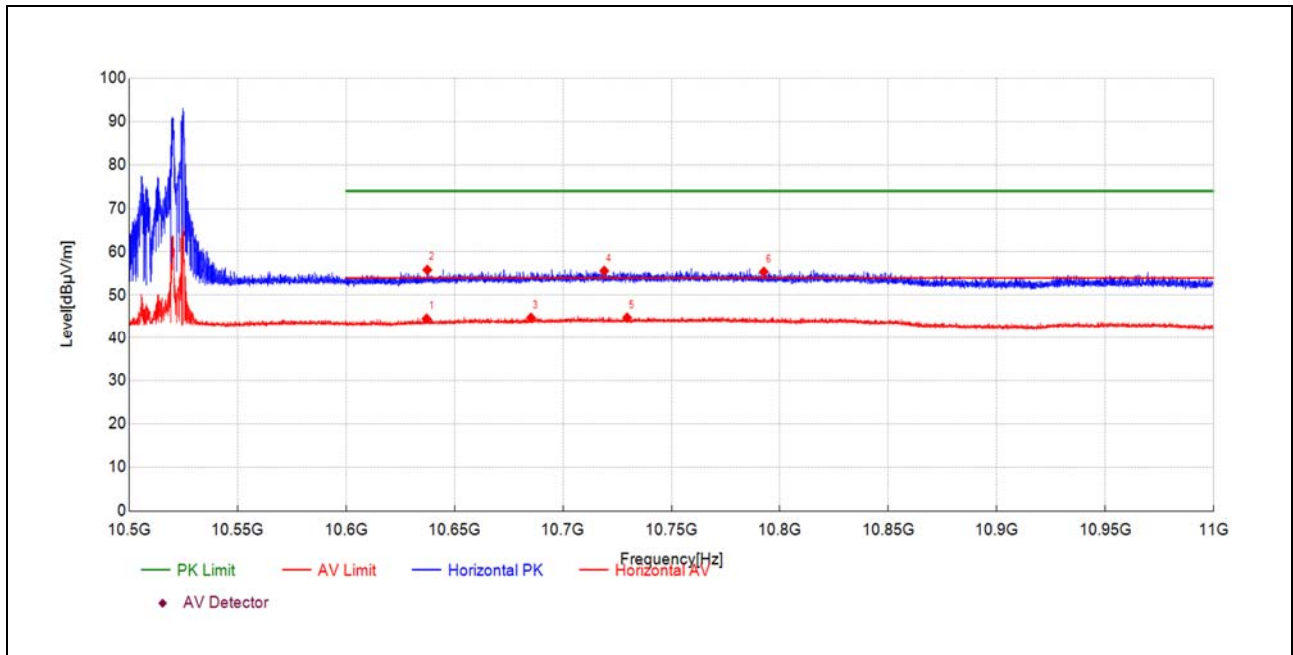
(Test Antenna Horizontal)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
9362.67	49.9	54.04	4.150	74.00	19.96	165	126	PK	PASS
9401.93	39.6	44.27	4.670	54.00	9.73	165	303	AV	PASS
9414.41	50.5	55.05	4.590	74.00	18.95	165	354	PK	PASS
9436.12	39.8	44.25	4.450	54.00	9.75	165	296	AV	PASS
9448.21	50.8	55.17	4.380	74.00	18.83	165	74	PK	PASS
9465.51	40.1	44.44	4.330	54.00	9.56	165	354	AV	PASS



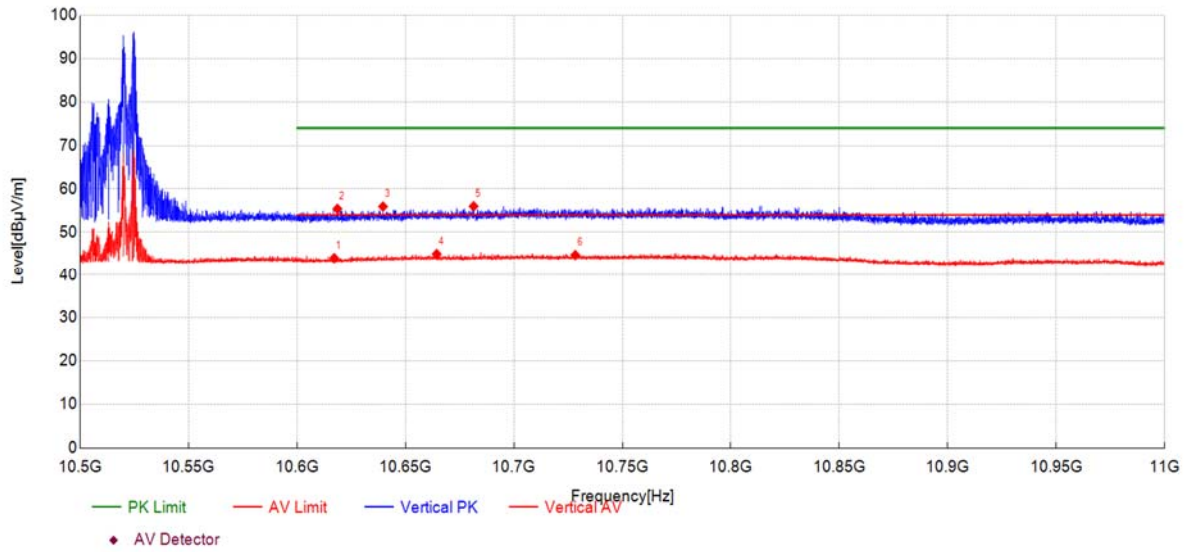
(Test Antenna Vertical)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
9393.22	39.8	44.42	4.580	54.00	9.58	165	5	AV	PASS
9398.16	50.0	54.67	4.650	74.00	19.33	165	262	PK	PASS
9438.20	50.7	55.16	4.440	74.00	18.84	165	5	PK	PASS
9460.31	39.6	43.96	4.340	54.00	10.04	165	187	AV	PASS
9488.26	39.7	43.99	4.270	54.00	10.01	165	177	AV	PASS
9488.52	50.6	54.91	4.270	74.00	19.09	165	5	PK	PASS



(Test Antenna Horizontal)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
10637.16	38.4	44.56	6.170	54.00	9.44	165	255	AV	PASS
10637.46	49.7	55.86	6.170	74.00	18.14	165	286	PK	PASS
10685.27	38.5	44.77	6.230	54.00	9.23	165	18	AV	PASS
10719.02	49.4	55.63	6.210	74.00	18.37	165	0	PK	PASS
10729.57	38.6	44.80	6.200	54.00	9.20	165	197	AV	PASS
10792.58	49.3	55.43	6.090	74.00	18.57	165	124	PK	PASS



(Test Antenna Vertical)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
10617.16	37.8	43.98	6.140	54.00	10.02	165	177	AV	PASS
10618.66	49.3	55.40	6.140	74.00	18.60	165	293	PK	PASS
10639.66	49.8	55.94	6.170	74.00	18.06	165	129	PK	PASS
10664.42	38.7	44.93	6.210	54.00	9.07	165	344	AV	PASS
10681.42	49.8	56.00	6.230	74.00	18.00	165	273	PK	PASS
10728.27	38.5	44.70	6.200	54.00	9.30	165	348	AV	PASS



Annex A Test Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.:

Uncertainty of Radiated Emission Measurement

Test Items	Uncertainty
Measuring Uncertainty for a Level of Confidence of 95%(U=2Uc(y))	±5%

Uncertainty of Radiated Emission Measurement

Test Items	Uncertainty	
Measuring Uncertainty for a Level of Confidence of 95%(U=2Uc(y))	30MHz-200MHz	±5.06dB
	200MHz-1000MHz	±5.04dB
	1GHz-6GHz	±5.18dB
	6GHz-18GHz	±5.48dB



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 Radiated Test Equipment

Equipment	Serial No.	Model No.	Manufacturer	Cal. Date	Due Date
Signal Analyzer	1331.5003K4 3-102271-zt	FSW	R&S	2025.05.13	2026.05.12
Test Antenna - Horn	02634	BBHA 9120D	Schwarzbeck	2025.06.29	2026.06.28
Test Antenna -Horn	BBHA 9170#773	BBHA 9170	Schwarzbeck	2025.06.20	2026.06.19
Test Antenna -Horn (40GHz -60GHz)	2020036000 036	LB-19-20-A	A-INFOMW	2024.08.17	2027.08.17
Test Antenna - Bi-Log	9163-274	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
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
Low Noise Amplifier (40GHz-60GHz)	ADSE01	OQ-LNA-406 0-3805C	Shanghai Ouqiao Electronics Technology Co.,Ltd	2024.08.17	2026.08.17
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	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20



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Chamber					
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18

4.2 Test Software Utilized

Description	Manufacturer	Software Version
JS32-RE	Tonscend	5.0.0



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 _____