



## SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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Report No.: SHEM160100022802  
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### 1 Cover Page

# RF Test Report

Application No.:	SHEM1601000228CR
Applicant:	Hangzhou Hikvision Digital Technology Co., Ltd.
FCC ID:	2ADTD-KD80VM
IC:	20199-KD80VM
<b>Equipment Under Test (EUT):</b> <b>NOTE:</b> The following sample(s) was/were submitted and identified by the client as	
Product Name:	Video Intercom Door Station
Model No.(EUT):	DS-KD8002-VM
Add Model No.:	DS-KD8XXXX-XYZ
Standards:	FCC PART 15 Subpart C: 2015 RSS-210 Issue 8 (December 2010) RSS-Gen Issue 4 (December 2014)
Date of Receipt:	January 20, 2016
Date of Test:	January 24, 2016
Date of Issue:	March 29, 2016
Test Result:	Pass*

\*In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Parlam Zhan  
E&E Section Manager  
SGS-CSTC (Shanghai) Co., Ltd.

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.



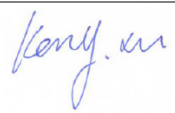
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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## 2 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
00	/	March 29, 2016	/	Original

Authorized for issue by:			
Engineer		Eddy Zong _____ Print Name	
Clerk		Susie Liu _____ Print Name	
Reviewer		Kenx Xu _____ Print Name	

### 3 Test

### Summary

Test Item	Test Requirement	IC Reference	Test Method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203	RSS-Gen 7.1.2	/	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	RSS-Gen Section 7.2.4	ANSI C63.10 (2013) Section 6.2	PASS
Emission Mask	47 CFR Part 15, Subpart C Section 15.225(a)/(b)/(c)	RSS-Gen section 4.9	ANSI C63.10 (2013) Section 6.9.2	PASS*
Radiated Emissions	47 CFR Part 15, Subpart C Section 15.225(d)/15.209	RSS-Gen section 4.9	ANSI C63.10 (2013) Section 6.4	PASS
Frequency tolerance	47 CFR Part 15, Subpart C Section 15.225(e)	RSS 210 A 8.1(b)	ANSI C63.10 (2013) Section 6.4&6.5	PASS
20dB Bandwidth	47 CFR Part 15, Subpart C Section 15.215	RSS 210 A 8.1(a)	ANSI C63.10 (2013) Section 6.8	PASS
99% Occupied bandwidth	---	RSS-Gen section 4.6.1	RSS-Gen Clause 4.6.1	PASS

Remark:

Note1:\* The test level of the fundamental signal is below the limit of general spurious emission, so the test no performs.

Note2: There are 2 models mentioned in this report, and they are the identical in electrical and electronic characters. Only the model DS-KD8002-VM was tested since their difference is model number.



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## 5 General Information

### 5.1 Client Information

Applicant:	Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Applicant:	700 Dongliu Road, Binjiang, Hangzhou, 310052 Zhejiang, China
Manufacturer:	Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Manufacturer:	700 Dongliu Road, Binjiang, Hangzhou, 310052 Zhejiang, China
Factory:	Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Factory:	700 Dongliu Road, Binjiang, Hangzhou, 310052 Zhejiang, China

### 5.2 General Description of E.U.T.

Product Description:	Fixed product with 13.56MHz RF ID function
Brand Name:	HIKVISION
Rated Input:	DC 12V
Test Voltage:	AC 120V, 60Hz For adapter

### 5.3 Technical Specifications

Operation Frequency:	13.56MHz
Modulation Type:	ASK
Antenna Type:	Integral

### 5.4 E.U.T Operation Mode

Test Mode	Description of Test Mode
Engineering mode:	Keep EUT working in continuous transmitting mode with 100% duty cycle.

### 5.5 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.	Supplied by
Adapter	Accepower	BSW0127-1210002W	SGS

### 5.6 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Tel: +86 21 6191 5666

Fax: +86 21 6191 5678

No tests were sub-contracted.

## 5.7 Test Facility

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

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing. Date of expiry: 2017-07-14.

- **FCC – Registration No.: 402683**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered and fully described in a report filed with the Federal Communications Commission (FCC). The acceptance letter from the FCC is maintained in our files. Registration No.: 402683, Expiry Date: 2017-09-16.

- **Industry Canada (IC) – IC Assigned Code: 8617A**

The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 8617A-1. Expiry Date: 2017-06-18.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-3868, C-4336, T-2221, G-830 respectively. Date of Expiry: 2017-11-16.

## 5.8 Measurement Uncertainty

No.	Parameter	Measurement Uncertainty
1	Radio Frequency	$< \pm 1 \times 10^{-5}$
2	Total RF power, conducted	$< \pm 1.5 \text{ dB}$
3	RF power density, conducted	$< \pm 3 \text{ dB}$
4	Spurious emissions, conducted	$< \pm 3 \text{ dB}$
5	All emissions, radiated	$< \pm 6 \text{ dB}$ (Below 1GHz) $< \pm 6 \text{ dB}$ (Above 1GHz)
6	Temperature	$< \pm 1^{\circ}\text{C}$
7	Humidity	$< \pm 5 \%$
8	DC and low frequency voltages	$< \pm 3 \%$

## 6 Equipments List

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due date
1	EMI test receiver	Rohde & Schwarz	ESCS30	100086	2016-01-14	2017-01-13
2	Line impedance stabilization network	SCHWARZBECK	NSLK8127	8127490	2016-01-14	2017-01-13
3	Line impedance stabilization network	EMCO	3816/2	00034161	2016-01-14	2017-01-13
4	Spectrum Analyzer	Rohde & Schwarz	FSP-30	100324	2016-01-14	2017-01-13
5	EMI test receiver	Rohde & Schwarz	ESU40	100109	2016-01-14	2017-01-13
6	Active Loop Antenna (9kHz to 30MHz)	Schwarzbeck - Mess-Elektronik	FMZB 1519	1519-034	2016-01-14	2017-01-13
7	Broadband UHF-VHF ANTENNA (25MHz to 2GHz)	SCHWARZBECK	VULB9168	9168-313	2016-01-14	2017-01-13
8	Ultra broadband antenna (25MHz to 3GHz)	Rohde & Schwarz	HL562	100227	2015-08-30	2016-08-29
9	Horn Antenna (1GHz to 18GHz)	Rohde & Schwarz	HF906	100284	2016-01-14	2017-01-13
10	Horn Antenna (1GHz to 18GHz)	SCHWARZBECK	BBHA9120D	9120D-679	2016-01-14	2017-01-13
11	Horn Antenna (14GHz to 40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170373	2016-01-14	2017-01-13
12	Pre-amplifier (9KHz – 2GHz)	LNA6900	TESEQ	71033	2016-01-14	2017-01-13
13	Pre-amplifier (1GHz – 26.5GHz)	Rohde & Schwarz	SCU-F0118-G40-BZ4-CSS(F)	10001	2016-01-14	2017-01-13
14	Pre-amplifier (14GHz – 40GHz)	Rohde & Schwarz	SCU-F1840-G35-BZ3-CSS(F)	10001	2016-01-14	2017-01-13
15	Tunable Notch Filter	Wainwright instruments GmbH	WRCT800.0/880.0-0.2/40-5SSK	9170397	/	/
16	High pass Filter	FSCW	HP 12/2800-5AA2	19A45-02	/	/
17	High-low temperature cabinet	Suzhou Zhihe	TL-40	50110050	2015-09-11	2016-09-10
18	AC power stabilizer	WOCEN	6100	51122	2016-01-14	2017-01-13
19	DC power	QJE	QJ30003SII	611145	2016-01-14	2017-01-13
20	Signal Generator (Interferer)	Agilent	SMR40	100555	2015-08-13	2016-08-12
21	Signal Generator (Blocker)	Rohde & Schwarz	SMJ100A	101394	2016-01-14	2017-01-13
22	Splitter	Anritsu	MA1612A	M12265	/	/
23	Coupler	e-meca	803-S-1	900-M01	/	/



## 7 Test results and Measurement Data

### 7.1 Antenna Requirement

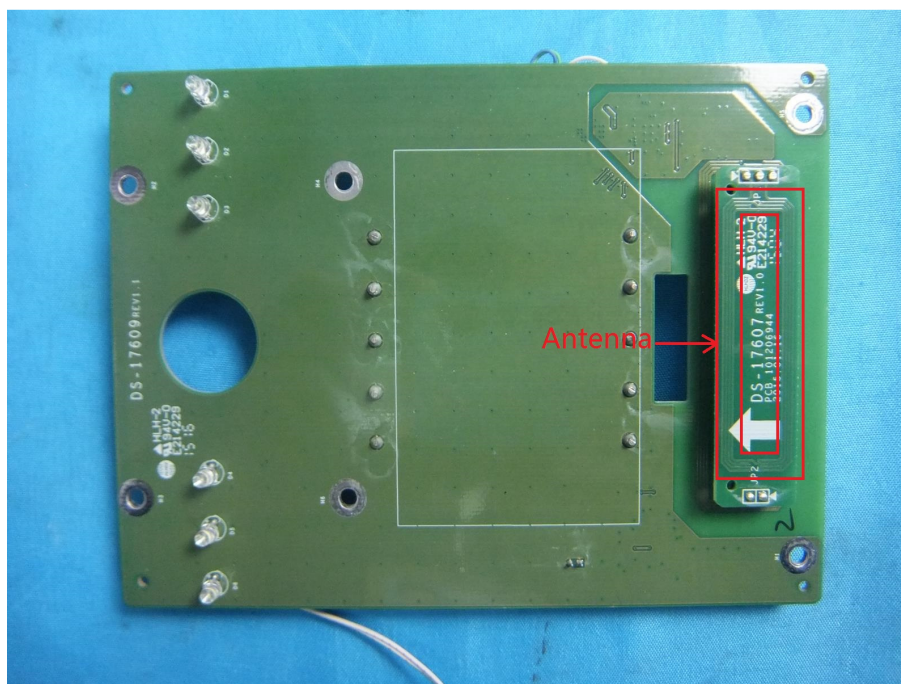
**Standard requirement:** 47 CFR Part 15C Section 15.203

**15.203 Requirement:** 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

**EUT Antenna:**

The antenna is integrated on the main PCB and no consideration of replacement.

**Antenna Configuration:**





## 7.2 Conducted Emissions

**Frequency Range:** 150 KHz to 30 MHz

**Class/Severity:** Class B

**Limit:**

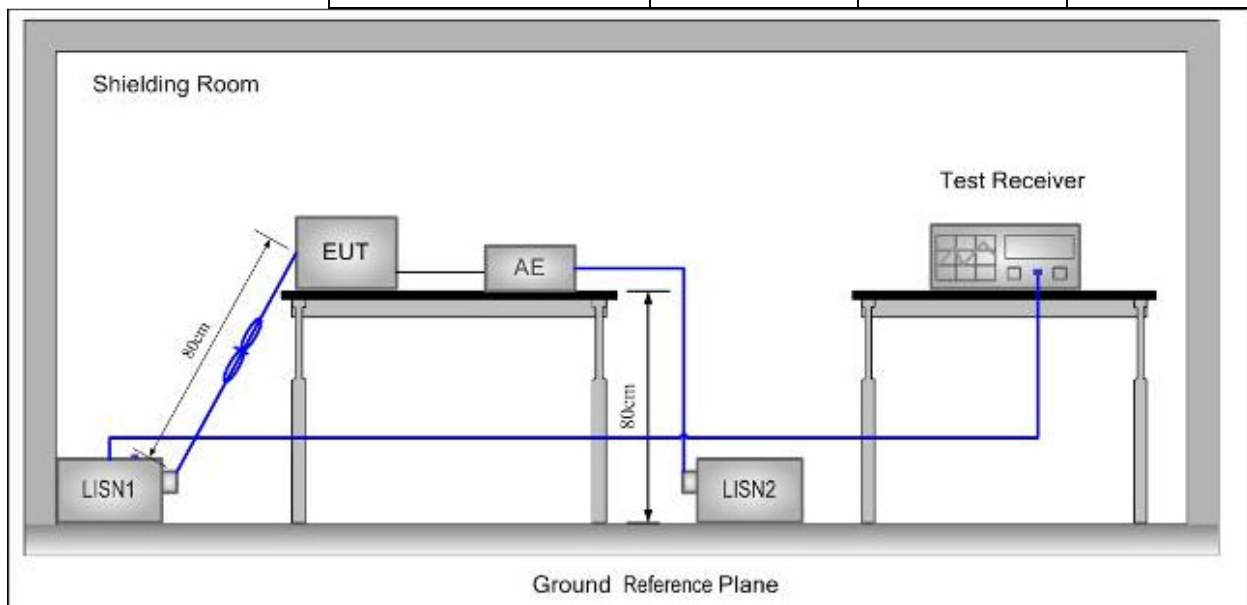
Frequency range MHz	Class B Limits: dB (μV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note1: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.  
Note2: The lower limit is applicable at the transition frequency.

**Test site/setup:**

Test instrumentation set-up:

Frequency Range	Detector	RBW	VBW
9KHz to 150Hz	Quasi-peak	200Hz	500Hz
150KHz to 30MHz	Quasi-peak	9kHz	30kHz



### Test Procedure:

1. The mains terminal disturbance voltage was measured with the EUT in a shielded room.
2. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN, which was bonded to the ground reference plane in the same way as the LISN for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference

plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.

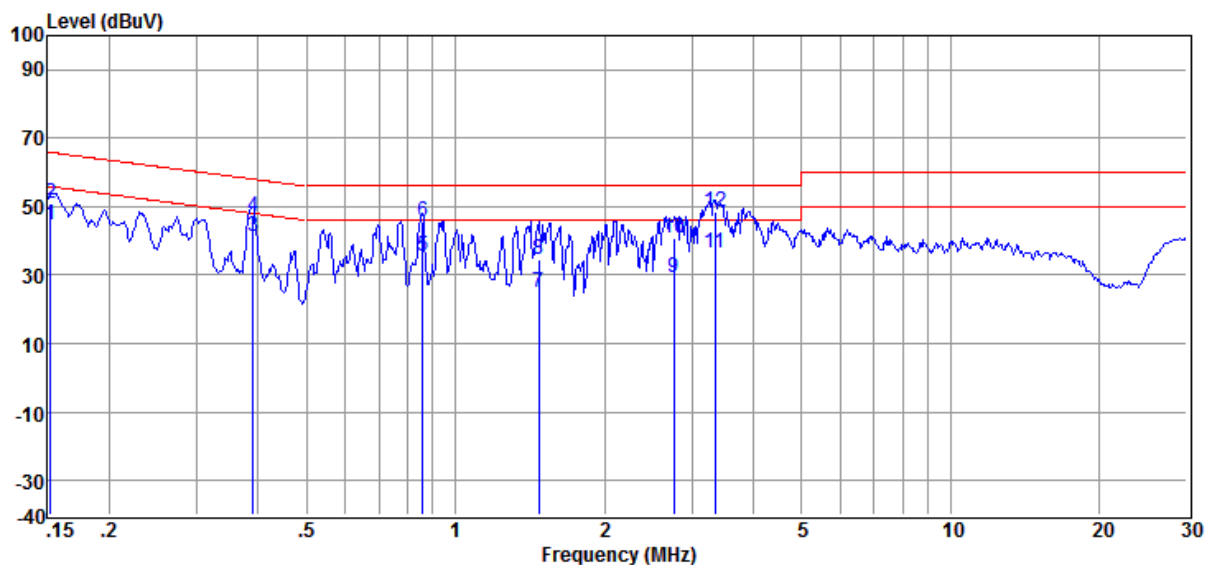
4. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance was between the closest points of the LISN and the EUT. The mains lead of EUT excess 0.8m was folded back and forth parallel to the lead so as to form a horizontal bundle with a length between 0.3m and 0.4m. All other units of the EUT and associated equipment were at least 0.8 m from the LISN.

Remark: Pre-scan was performed with peak detected on all ports, Quasi-peak & average measurements were performed at the frequencies at which maximum peak emission level were detected. Please see the attached Quasi-peak and Average test results.

**Test Result:** Pass

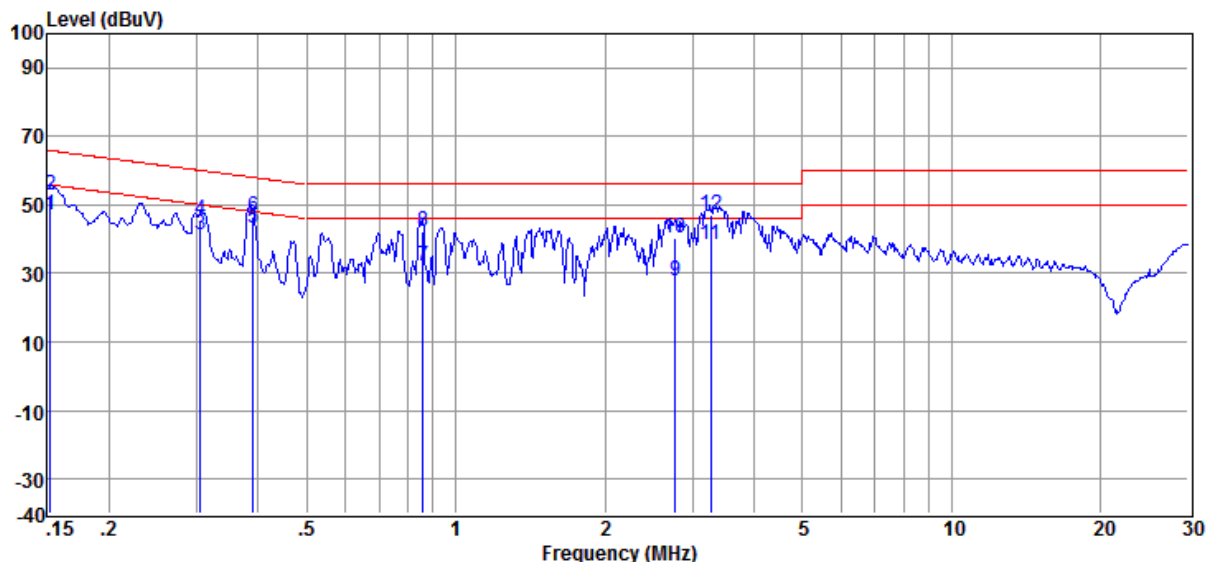
**Test data:**

Live Line:



Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.152	34.26	0.33	9.86	44.45	55.87	-11.42	Average
2	0.152	40.61	0.33	9.86	50.80	65.87	-15.07	QP
3	0.390	31.40	0.25	9.86	41.51	48.06	-6.55	Average
4	0.390	36.96	0.25	9.86	47.07	58.06	-10.99	QP
5	0.858	25.35	0.19	9.87	35.41	46.00	-10.59	Average
6	0.858	35.51	0.19	9.87	45.57	56.00	-10.43	QP
7	1.473	14.86	0.28	9.87	25.01	46.00	-20.99	Average
8	1.473	24.49	0.28	9.87	34.64	56.00	-21.36	QP
9	2.765	19.17	0.37	9.87	29.41	46.00	-16.59	Average
10	2.765	30.64	0.37	9.87	40.88	56.00	-15.12	QP
11	3.341	26.38	0.38	9.88	36.64	46.00	-9.36	Average
12	3.341	38.09	0.38	9.88	48.35	56.00	-7.65	QP

Neutral Line:



Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.152	36.89	0.34	9.86	47.09	55.87	-8.78	Average
2	0.152	42.59	0.34	9.86	52.79	65.87	-13.08	QP
3	0.306	31.24	0.29	9.86	41.39	50.08	-8.69	Average
4	0.306	35.62	0.29	9.86	45.77	60.08	-14.31	QP
5	0.390	32.95	0.30	9.86	43.11	48.06	-4.95	Average
6	0.390	36.67	0.30	9.86	46.83	58.06	-11.23	QP
7	0.857	22.02	0.21	9.87	32.10	46.00	-13.90	Average
8	0.857	32.21	0.21	9.87	42.29	56.00	-13.71	QP
9	2.770	17.38	0.79	9.87	28.04	46.00	-17.96	Average
10	2.770	29.92	0.79	9.87	40.58	56.00	-15.42	QP
11	3.263	27.83	0.69	9.87	38.39	46.00	-7.61	Average
12	3.263	36.72	0.69	9.87	47.28	56.00	-8.72	QP

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

### 7.3 Radiated Emissions

**Test frequency range:** 9KHz – 1GHz

**Test Site:** Measurement Distance: 3m (Semi-Anechoic Chamber)

**Receiver Setup:**

Frequency (MHz)	RBW	VBW	Detector
0.009-0.015	200Hz	1KHz	Quasi-peak
0.015-30	9kHz	30KHz	Quasi-peak
30-1000	120 kHz	300KHz	Quasi-peak

Note: The emission limits shown in the above table are based on measurement instrumentation employing a CISPR quasi-peak detector. For the frequency bands 9~90 kHz, 110~490 kHz and above 1000 MHz, the radiated emission limits are based on measurements employing an average detector.

**Limit:**

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)	Limit @3m (dBμV/m )
0.009-0.490	2400/F(kHz)	300	128.5 ~ 93.8
0.490-1.705	24000/F(kHz)	30	73.8 ~63.0
1.705-30	30	30	69.5
30-88	100	3	40.0
88-216	150	3	43.5
216-960	200	3	46.0
960-1000	500	3	54.0

NOTE:

- (1) For test distance other than what is specified, but fulfilling the requirements of section 15.31(f) (2) the field strength is calculated by adding additionally an extrapolation factor of 40dB/decade (inverse linear distance for field strength measurements).

So the Distance Extrapolation Factor in dB is  $40 \cdot \log(D_{\text{TEST}} / D_{\text{SPEC}})$  where  $D_{\text{TEST}}$  = Test Distance and  $D_{\text{SPEC}}$  = Specified Distance.

Field strength limit (dBμV/m)@test distance= Field strength limit (dBμV/m)@specified distance -Distance Extrapolation Factor

- (2) The lower limit shall apply at the transition frequencies.

**Test Procedure:**

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified

Bandwidth with Maximum Hold Mode.

- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- g. The radiation measurements are performed in X, Y, Z axis positioning. And found the Z axis positioning which it is worse case, only the test worst case mode is recorded in the report.

### Test Setup:

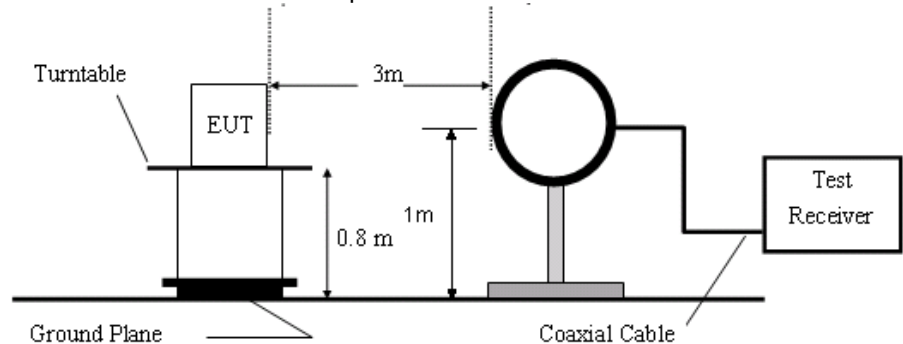


Figure1. Below 30MHz radiated emissions test configuration

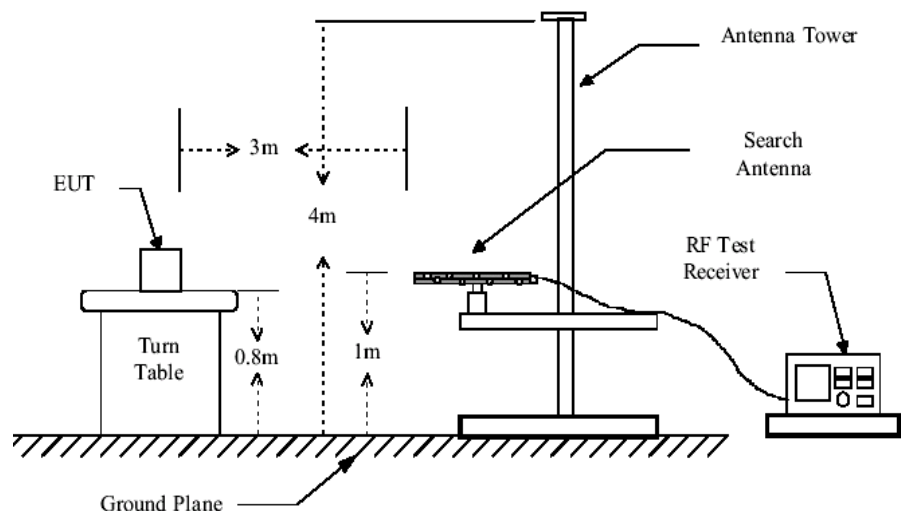


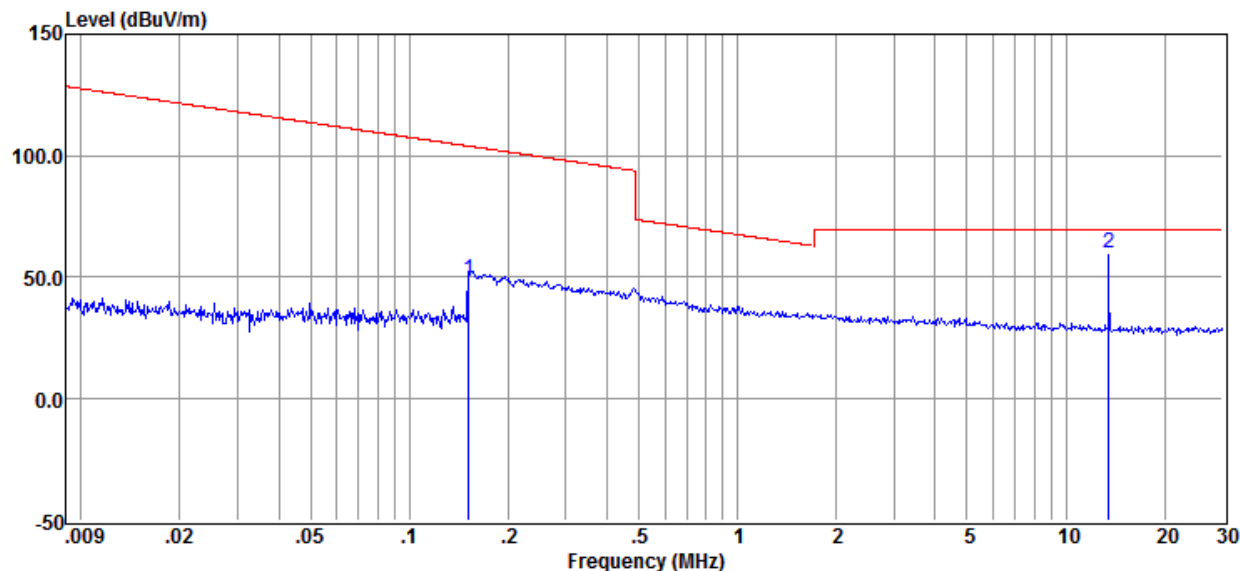
Figure2. 30MHz to 1GHz radiated emissions test configuration

Test Results: Pass

### Measurement Data

9kHz - 30MHz:

Z:



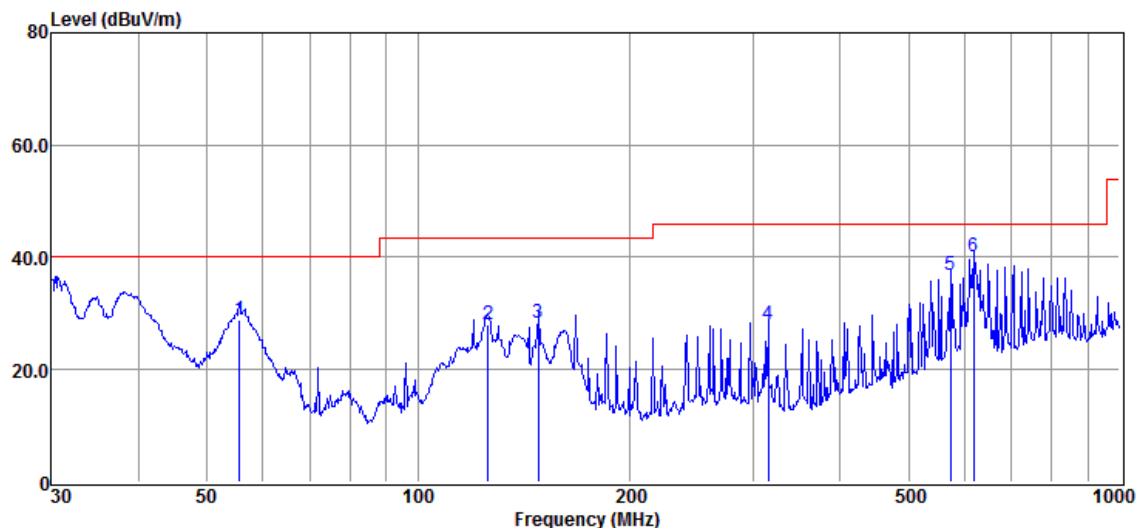
Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.15	28.55	20.00	0.00	0.10	48.65	103.99	-55.34	QP
2	0.49	24.69	19.80	0.00	0.10	44.59	73.80	-29.21	QP
3	0.59	22.23	19.68	0.00	0.10	42.01	72.17	-30.16	QP
4	1.01	18.83	19.30	0.00	0.10	38.23	67.53	-29.30	QP
5	1.32	16.62	19.34	0.00	0.10	36.06	65.21	-29.15	QP
6	13.56	40.18	19.30	0.00	0.34	59.82	Fundamental signal		QP

Remark: a. All emissions were greater than 20 dB below the limit.



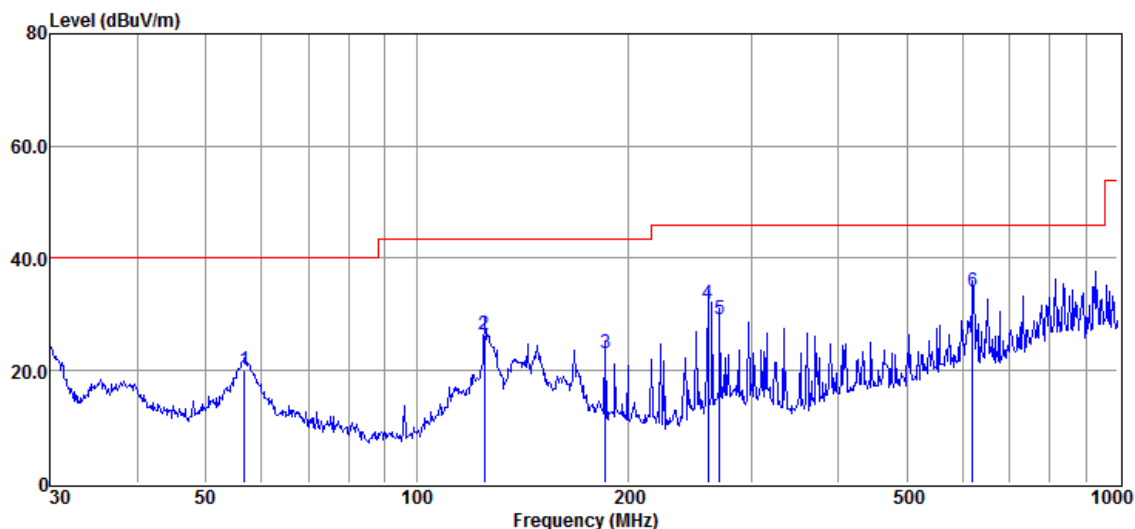
30MHz-1GHz:

Vertical



Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	55.61	39.68	13.15	24.60	0.75	28.98	40.00	-11.02	QP
2	125.89	39.40	11.86	24.57	1.25	27.94	43.50	-15.56	QP
3	148.44	38.66	12.72	24.50	1.36	28.24	43.50	-15.26	QP
4	315.48	36.92	13.35	24.39	2.11	27.99	46.00	-18.01	QP
5	574.63	37.75	20.22	24.13	2.95	36.79	46.00	-9.21	QP
6	618.54	41.09	20.11	24.10	3.11	40.21	46.00	-5.79	QP

Horizontal



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	56.79	31.11	12.90	24.60	0.76	20.17	40.00	-19.83	QP
2	125.01	37.99	11.85	24.57	1.24	26.51	43.50	-16.99	QP
3	185.79	34.99	11.02	24.50	1.52	23.03	43.50	-20.47	QP
4	260.14	42.37	12.20	24.47	1.87	31.97	46.00	-14.03	QP
5	270.38	39.30	12.30	24.45	1.91	29.06	46.00	-16.94	QP
6	620.71	34.86	20.11	24.10	3.11	33.98	46.00	-12.02	QP

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
- 2) Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

## 7.4 Frequency tolerance

**Requirements:** The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

**Test Procedure:** The EUT was placed in an environmental test chamber and powered such that control element received normal voltage and the transmitter provided maximum RF output.

**Frequency Range:** Operation within the band 13.110-14.010 MHz

**Test Result:** Pass

### Test Data:

Nominal Operation Frequency: 13.56MHz

Test Conditions		Test Result (MHz)	Deviation (KHz)	Limit (KHz)	Result
Temp (°C)	Volt (V AC)				
T <sub>nom</sub> (20)	V <sub>nom</sub> (120)	13.56011	0.11	±0.01% (1.3560KHz)	Pass
T <sub>nom</sub> (20)	V <sub>min</sub> (102)	13.55991	-0.09		Pass
	V <sub>max</sub> (138)	13.56012	0.12		Pass
T <sub>min</sub> (-20)	V <sub>nom</sub> (120)	13.55990	-0.10		Pass
T <sub>max</sub> (+50)		13.55978	-0.22		Pass

Note: Deviation (KHz) = (Test Result-13.56MHz)\*1000

## 7.5 20dB Bandwidth

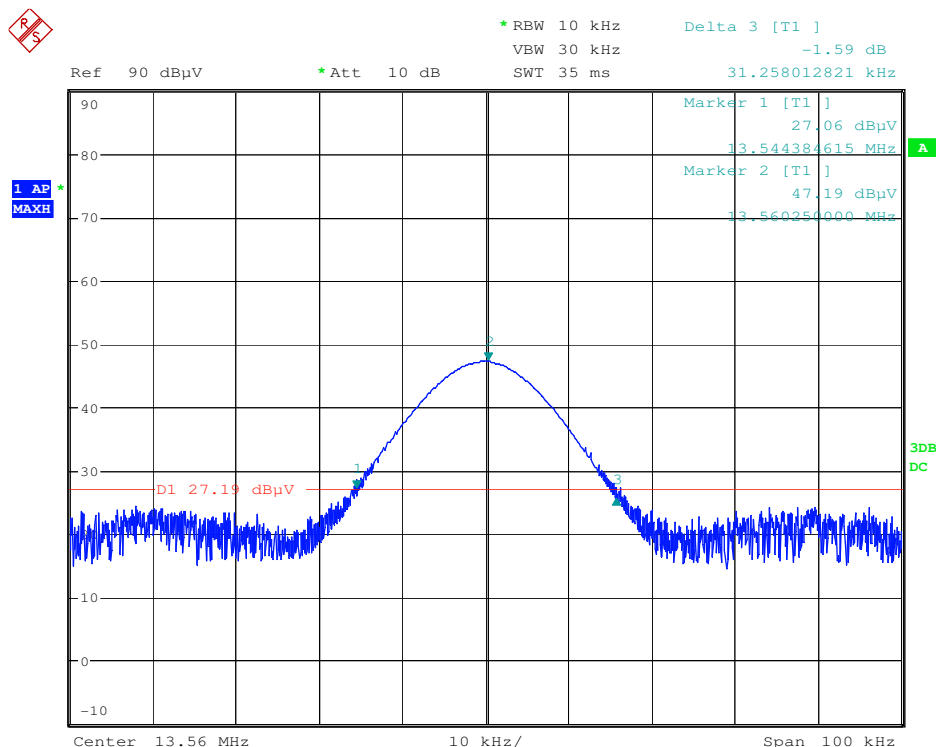
**Frequency Range:** Operation within the band 13.110 – 14.010 MHz

**Requirements:** Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §15.217 through §15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the 20 dB bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

### Test Data:

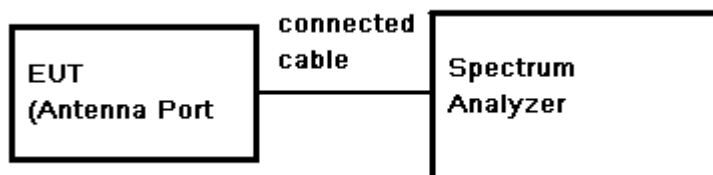
20dB bandwidth (kHz)	F <sub>L</sub> (MHz)	F <sub>H</sub> (MHz)	Limit(MHz)	Result
31.258	13.544	13.560	13.110 – 14.010	Pass

### Test plot as follows:



## 7.6 99% Occupied Bandwidth

Test Configuration:



Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
2. Set the spectrum analyzer: Span = approximately 2 to 3 times the 20dB bandwidth, centred on the hopping channel;
3. Set the spectrum analyzer: RBW = 1% of the span (set 1 kHz). VBW >= RBW. Sweep = auto; Detector Function = Peak. Trace = Max Hold.
4. Mark the peak frequency and using the 99% OBW function measure the bandwidth.

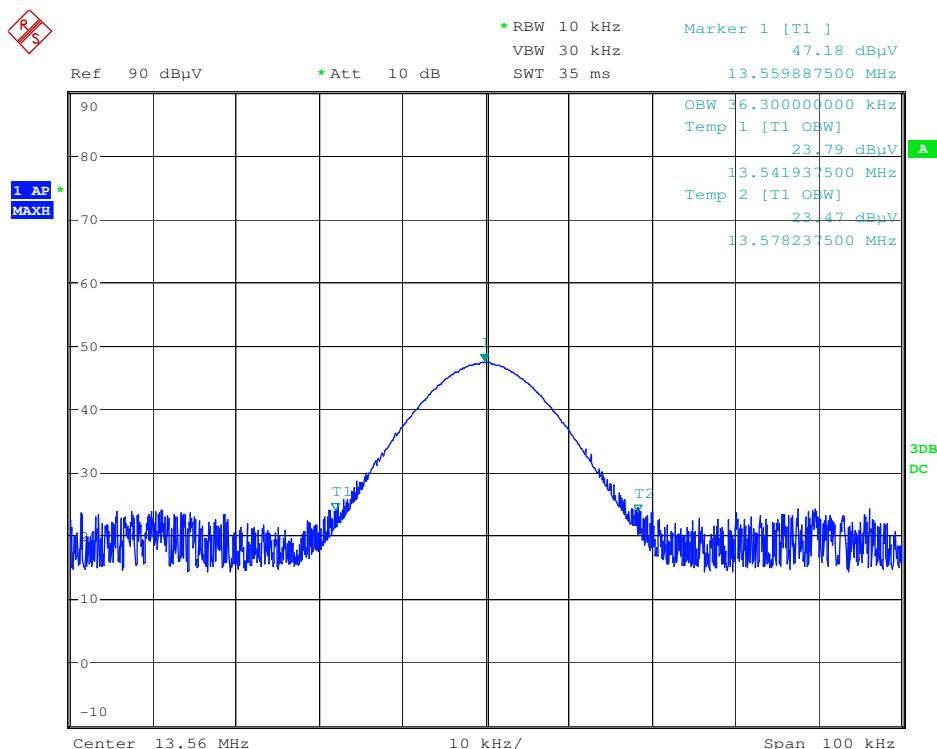
Test Result:

Pass

Test Date:

Frequency (MHz)	Bandwidth (kHz)	Result
13.56	36.30	PASS

Test plot as follows:





## **8 Test Setup Photographs**

Refer to the < DS-KD8002-VM \_Test Setup Photos-FCC >

## **9 EUT Constructional Details**

Refer to the < DS-KD8002-VM \_External Photos > & < DS-KD8002-VM \_Internal Photos >.

**--End of the Report--**