



1 Cover Page

RF REPORT

Application No.: SHEM1909017156CR
FCC ID: 2ADTD-K3Y501M1M
Applicant: Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Applicant: No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China
Manufacturer: Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Manufacturer: No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China
Factory:
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2, Hangzhou Hikvision Electronics Co., Ltd.
3, Hangzhou Hikvision Digital Technology Co., Ltd.
Address of Factory:
1, No.700,Dongliu Road, Binjiang District, Hangzhou City,Zhejiang, 310052, China
2, No.299,Qiushi Road,Tonglu Economic Development Zone,Tonglu County, Hangzhou,Zhejiang,310052,China.
3, No.555 Qianmo Road,Binjiang District Hangzhou 310052,China

Equipment Under Test (EUT):

EUT Name: Flap Barrier
Model No.: DS-K3Y501-M1/M,DS-K3Y501-L1/M,DS-K3Y501-L2/M,DS-K3Y501-M2/M,
DS-K3Y501-R/M
 Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade mark: HIKVISION
Standard(s) : 47 CFR Part 15, Subpart C 15.231
Date of Receipt: 2019-09-16
Date of Test: 2019-09-19 to 2019-09-25
Date of Issue: 2019-11-14

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Parlam Zhan

Parlam Zhan
E&E Section Manager

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. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

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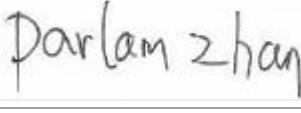
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



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Revision Record			
Version	Description	Date	Remark
00	Original	2019-11-14	/

Authorized for issue by:			
		 _____ Vincent Zhu / Project Engineer	
		 _____ Parlam Zhan /Reviewer	



2 Test Summary

Test Item	FCC Requirement	Test method	Result
Antenna Requirement	Part 15.203	/	PASS
Conducted Emission	Part 15.207	ANSI C63.10 (2013) Section 6.2	PASS
Field Strength of the Fundamental	Part 15.231 (b)	ANSI C63.10 (2013) Section 6.4	PASS
Radiated Spurious emissions	Part 15.209 15.231(b)	ANSI C63.10 (2013) Section 6.4&6.5&6.6	PASS
20dB Bandwidth	Part 15.231 (c)	ANSI C63.10 (2013) Section 6.9.2	PASS
Dwell Time	Part 15.231 (a)	ANSI C63.10 (2013) Section 7.8.4	PASS

Declaration of EUT Family Grouping:

Note: There are series models mentioned in this report, and they are the identical in electrical and electronic characters. Only the model DS-K3Y501-M1/M was tested since their differences were the model number and appearance.

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4 General Information

4.1 General Description of E.U.T.

Power supply:	AC 100-240V
Test voltage:	AC 120V 60Hz

4.2 Technical Specifications:

Modulation Type	2GFSK
Number of Channels	1
Operation Frequency	433.92MHz
Antenna Type	PCB antenna

4.3 Description of Support Units

The EUT has been tested independently

4.4 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.

4.5 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.

• **NVLAP (Certificate No. 201034-0)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. is accredited by the National Voluntary Laboratory Accreditation Program(NVLAP). Certificate No. 201034-0.

• **FCC –Designation Number: CN5033**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been recognized as an accredited testing laboratory.

Designation Number: CN5033. Test Firm Registration Number: 479755.

• **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

IC Registration No.: 8617A-1. CAB identifier: CN0020.

• **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-13868, C-14336, T-12221, G-10830 respectively.

4.6 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 8.4 \times 10^{-8}$
2	Timeout	$\pm 2s$
3	Duty cycle	$\pm 0.37\%$
4	Occupied Bandwidth	$\pm 3\%$
5	RF conducted power	$\pm 0.6\text{dB}$
6	RF power density	$\pm 2.84\text{dB}$
7	Conducted Spurious emissions	$\pm 0.75\text{dB}$
8	RF Radiated power	$\pm 4.6\text{dB}$ (Below 1GHz) $\pm 4.1\text{dB}$ (Above 1GHz)
9	Radiated Spurious emission test	$\pm 4.2\text{dB}$ (Below 30MHz) $\pm 4.4\text{dB}$ (30MHz-1GHz) $\pm 4.8\text{dB}$ (1GHz-18GHz) $\pm 5.2\text{dB}$ (Above 18GHz)
10	Temperature test	$\pm 1^\circ\text{C}$
11	Humidity test	$\pm 3\%$
12	Supply voltages	$\pm 1.5\%$
13	Time	$\pm 3\%$

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5 Equipments Used during Test

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Conducted Emission at AC Power Line					
EMI test receiver	R&S	ESR7	SHEM162-1	2019-08-13	2020-08-12
LISN	Schwarzbeck	NSLK8127	SHEM061-1	2019-08-13	2020-08-12
LISN	EMCO	3816/2	SHEM019-1	2019-08-13	2020-08-12
Pulse limiter	R&S	ESH3-Z2	SHEM029-1	2019-08-13	2020-08-12
CE test Cable	/	CE01	/	2019-08-13	2020-08-12
Conducted Test					
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2018-12-20	2019-12-19
Spectrum Analyzer	Agilent	N9020A	SHEM181-1	2019-08-13	2020-08-12
Signal Generator	R&S	SMR20	SHEM006-1	2019-08-13	2020-08-12
Signal Generator	Agilent	N5182A	SHEM182-1	2019-08-13	2020-08-12
Communication Tester	R&S	CMW270	SHEM183-1	2019-08-13	2020-08-12
Switcher	Tonscend	JS0806	SHEM184-1	2019-08-13	2020-08-12
Power Sensor	Keysight	U2021XA * 4	SHEM184-1	2019-08-13	2020-08-12
Splitter	Anritsu	MA1612A	SHEM185-1	/	/
Coupler	e-meca	803-S-1	SHEM186-1	/	/
High-low Temp Cabinet	Suzhou Zhihe	TL-40	SHEM087-1	2017-09-25	2020-09-24
AC Power Stabilizer	WOCEN	6100	SHEM045-1	2018-12-26	2019-12-25
DC Power Supply	MCN	MCH-303A	SHEM210-1	2018-12-26	2019-12-25
Conducted test Cable	/	RF01~RF04	/	2018-12-26	2019-12-25
Radiated Test					
EMI test Receiver	R&S	ESU40	SHEM051-1	2018-12-20	2019-12-19
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2018-12-20	2019-12-19
Loop Antenna (9kHz-30MHz)	Schwarzbeck	FMZB1519	SHEM135-1	2017-04-10	2020-04-09
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM048-1	2017-02-28	2020-02-27
Antenna (25MHz-3GHz)	Schwarzbeck	HL562	SHEM010-1	2017-02-28	2020-02-27
Horn Antenna (1-8GHz)	Schwarzbeck	HF906	SHEM009-1	2017-10-24	2020-10-23
Horn Antenna (1-18GHz)	Schwarzbeck	BBHA9120D	SHEM050-1	2017-01-14	2020-01-13
Horn Antenna (14-40GHz)	Schwarzbeck	BBHA 9170	SHEM049-1	2017-12-03	2020-12-02
Pre-amplifier (9KHz-2GHz)	CLAVIIO	BDLNA-0001	SHEM164-1	2019-08-13	2020-08-12
Pre-amplifier (1-18GHz)	CLAVIIO	BDLNA-0118	SHEM050-2	2019-08-13	2020-08-12
High-amplifier (14-40GHz)	Schwarzbeck	10001	SHEM049-2	2018-12-20	2019-12-19
Signal Generator	R&S	SMR40	SHEM058-1	2019-08-13	2020-08-12
Band Filter	LORCH	9BRX-875/X150	SHEM156-1	/	/
Band Filter	LORCH	13BRX-1950/X500	SHEM083-2	/	/
Band Filter	LORCH	5BRX-2400/X200	SHEM155-1	/	/
Band Filter	LORCH	5BRX-5500/X1000	SHEM157-2	/	/
High pass Filter	Wainwright	WHK3.0/18G	SHEM157-1	/	/
High pass Filter	Wainwright	WHKS1700	SHEM157-3	/	/
Semi/Fully Anechoic	ST	11*6*6M	SHEM078-2	2017-07-22	2020-07-21
RE test Cable	/	RE01, RE02, RE06	/	2018-12-26	2019-12-25

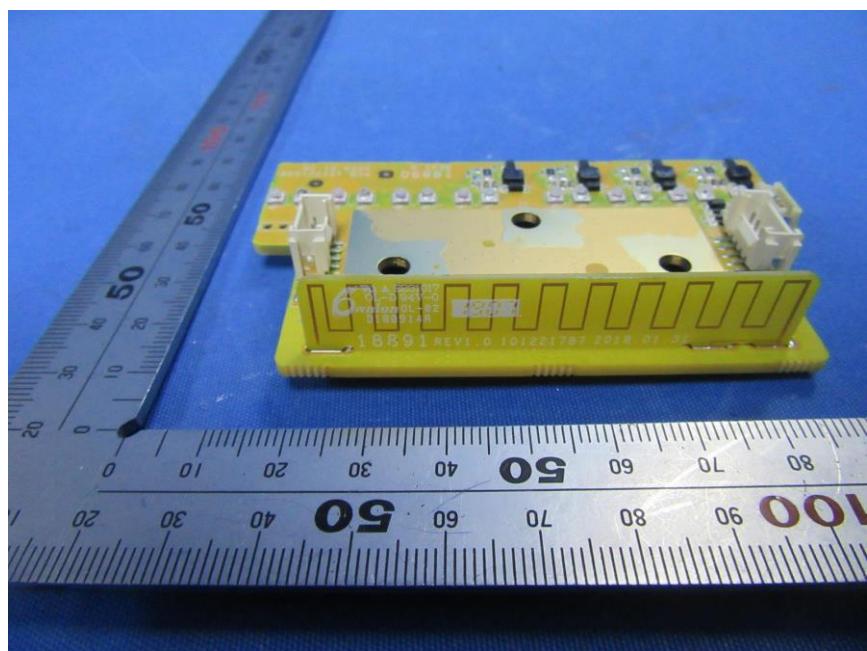
6 Test results and Measurement Data

6.1 Antenna Requirement

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.

The antenna is PCB antenna and no consideration of replacement.



6.2 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

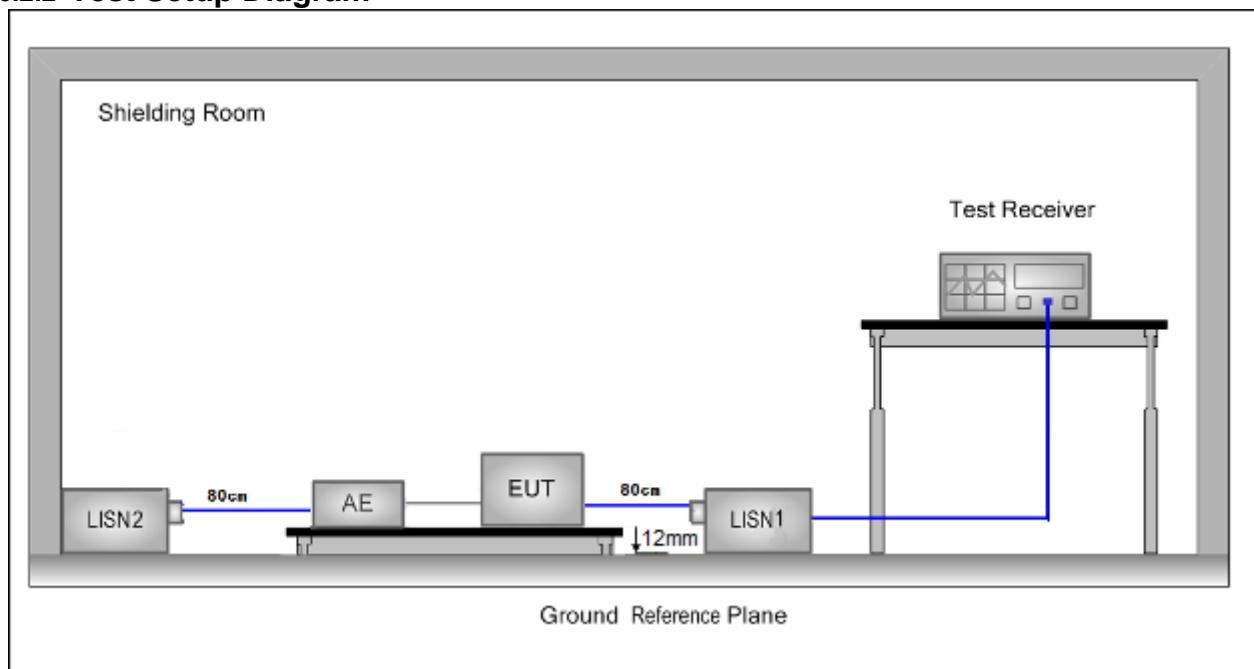
6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

Test mode a: TX mode_Keep the EUT in transmitting with modulation mode.

6.2.2 Test Setup Diagram

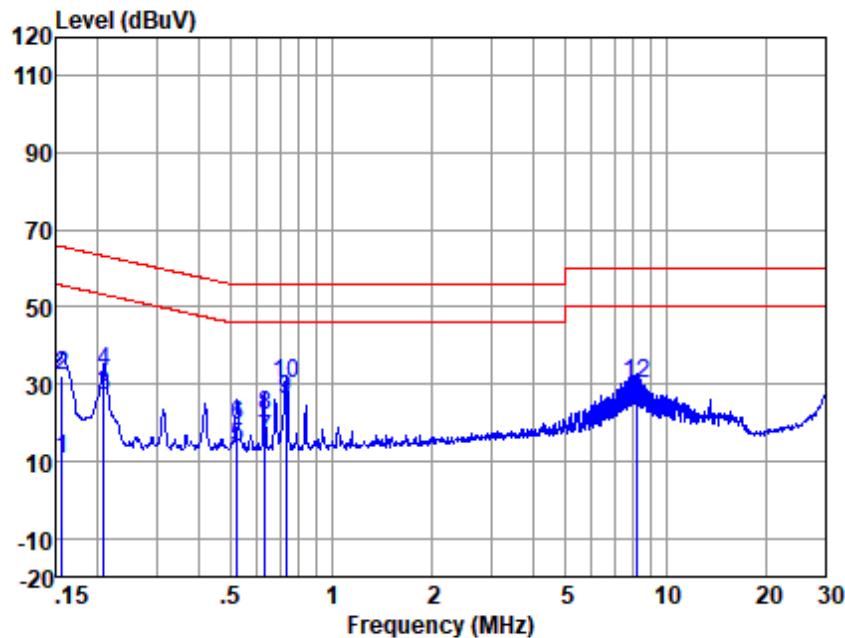


6.2.3 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 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,
- 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 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor

Mode:a; Line:Live Line

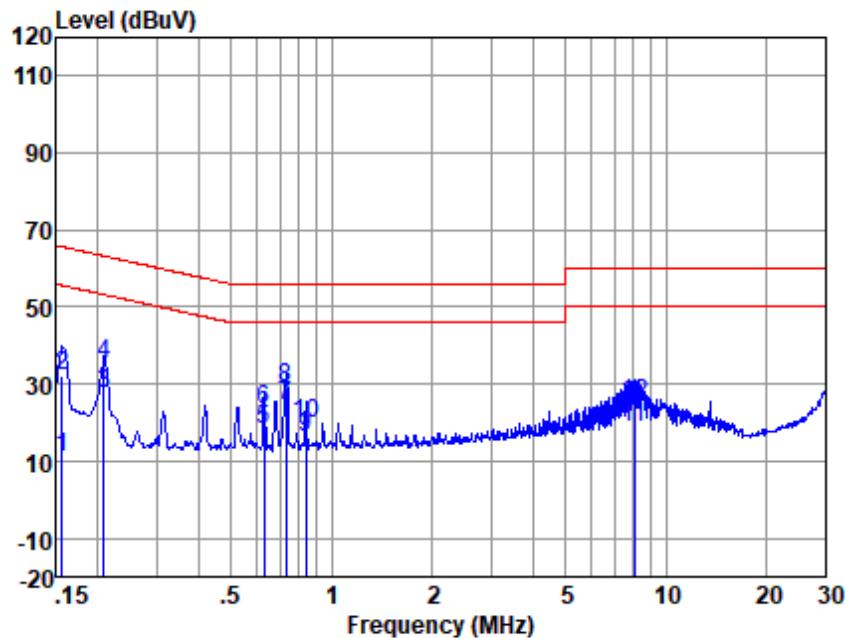


LISN : LINE
 EUT/Project No : 17155CR
 Test Mode : a

Freq (MHz)	Read level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Emission Level (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1 0.16	0.60	0.08	9.97	10.65	55.65	-45.00	Average
2 0.16	22.01	0.08	9.97	32.06	65.65	-33.59	QP
3 0.21	16.92	0.07	10.03	27.02	53.27	-26.25	Average
4 0.21	22.88	0.07	10.03	32.98	63.27	-30.29	QP
5 0.52	3.45	0.08	9.97	13.50	46.00	-32.50	Average
6 0.52	9.29	0.08	9.97	19.34	56.00	-36.66	QP
7 0.63	5.68	0.08	9.99	15.75	46.00	-30.25	Average
8 0.63	11.94	0.08	9.99	22.01	56.00	-33.99	QP
9 0.73	15.74	0.09	10.00	25.83	46.00	-20.17	Average
10 0.73	19.77	0.09	10.00	29.86	56.00	-26.14	QP
11 8.24	12.29	0.22	10.32	22.83	50.00	-27.17	Average
12 8.24	19.54	0.22	10.32	30.08	60.00	-29.92	QP

Notes: Emission Level = Read Level + LISN Factor + Cable loss

Mode:a; Line:Neutral Line



LISN : NEUTRAL
 EUT/Project No : 17155CR
 Test Mode : a

Freq (MHz)	Read level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Emission Level (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1 0.16	1.02	0.07	9.97	11.06	55.65	-44.59	Average
2 0.16	22.10	0.07	9.97	32.14	65.65	-33.51	QP
3 0.21	17.51	0.06	10.03	27.60	53.27	-25.67	Average
4 0.21	25.35	0.06	10.03	35.44	63.27	-27.83	QP
5 0.63	8.33	0.07	9.99	18.39	46.00	-27.61	Average
6 0.63	13.19	0.07	9.99	23.25	56.00	-32.75	QP
7 0.73	14.60	0.07	10.00	24.67	46.00	-21.33	Average
8 0.73	18.94	0.07	10.00	29.01	56.00	-26.99	QP
9 0.83	6.22	0.07	10.02	16.31	46.00	-29.69	Average
10 0.83	9.90	0.07	10.02	19.99	56.00	-36.01	QP
11 8.06	8.13	0.17	10.33	18.63	50.00	-31.37	Average
12 8.06	14.45	0.17	10.33	24.95	60.00	-35.05	QP

Notes: Emission Level = Read Level + LISN Factor + Cable loss

6.3 Spurious Emissions

Test frequency range: 9KHz – 5GHz

Test Site: Measurement Distance: 3m

Receiver Setup:

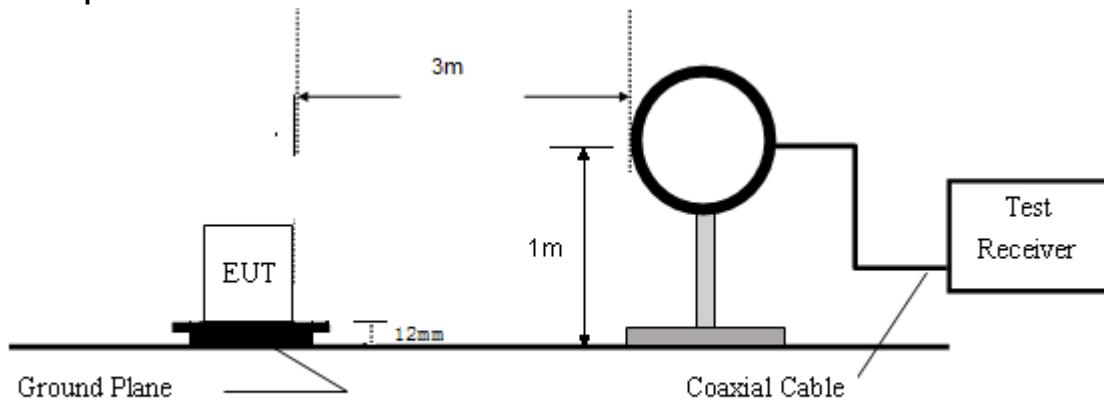
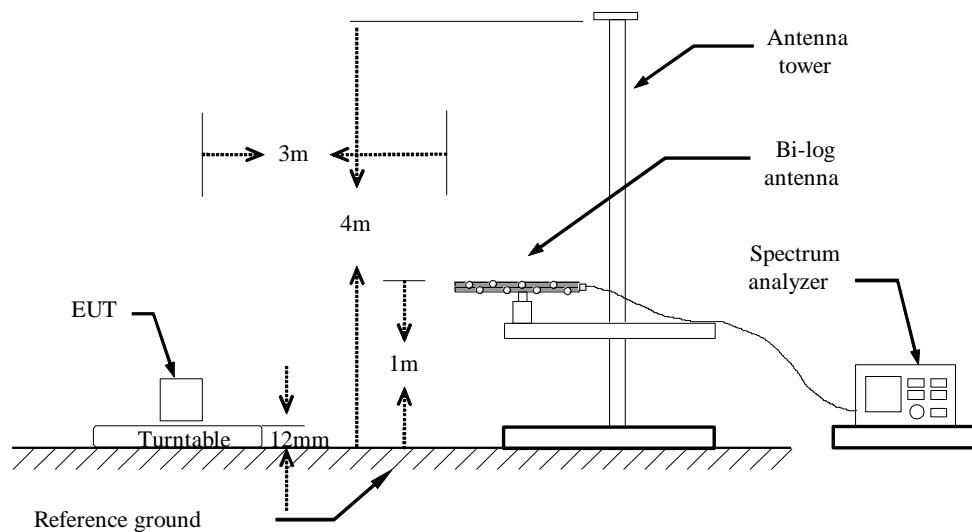
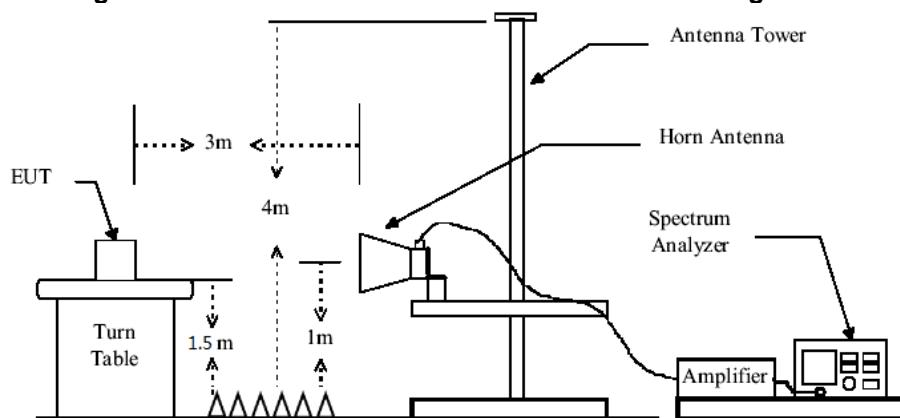
Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.015MHz	Quasi-peak	200Hz	1KHz	Quasi-peak
0.015MHz-30MHz	Quasi-peak	9kHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120 kHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average
Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	Quasi-peak	300
0.490MHz-1.705MHz	24000/F(kHz)	-	Quasi-peak	30
1.705MHz-30MHz	30	-	Quasi-peak	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3
		74.0	Peak	3
Frequency	Limit (dBuV/m @3m)	Remark		
433.09 - 434.61MHz	80.83	Average Value		
	100.83	Peak Value		

Test Procedure:

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. 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 is worse case, only the test worst case mode is recorded in the report.

E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar
Test mode a: TX mode_Keep the EUT in transmitting with modulation mode.**Test Setup:****Figure1. Blow 30MHz radiated emissions test configuration****Figure2. 30MHz to 1GHz radiated emissions test configuration****Figure3. Above 1GHz radiated emissions test configuration**



**SGS-CSTC Standards Technical Services Co., Ltd. Shanghai
Branch**

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Test Results: Pass



6.3.1 Field Strength of the Fundamental Signal

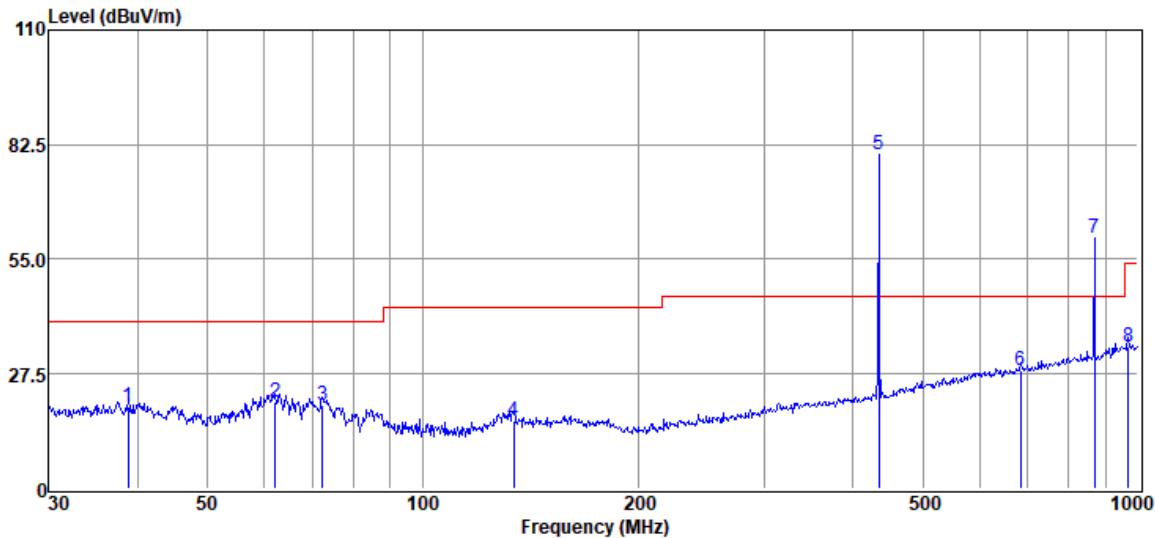
Test channel	Freq. (MHz)	Result Level (dB μ V/m)	Limit Line (dB μ V/m)	Over Limit (dB)	Detector	Polarization
Channel 1	433.92	80.25	80.83	-0.58	Peak	Vertical
		80.03	80.83	-0.80	Peak	Horizontal

Remark: If the Peak value below the AV Limit, the AV test doesn't perform for this submission.

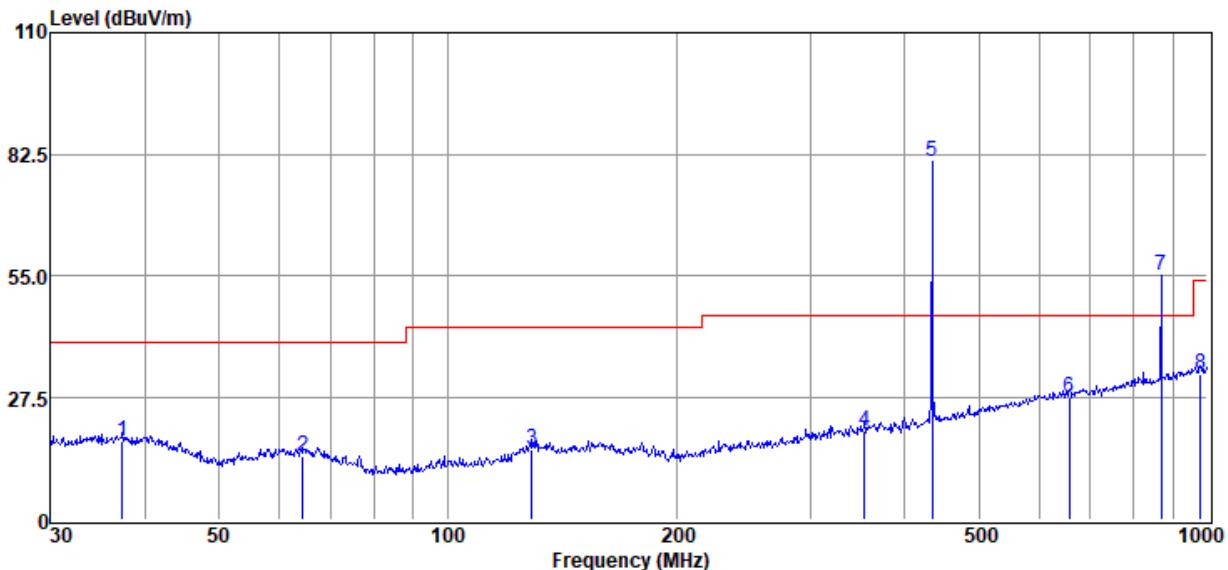
6.3.2 Spurious Emissions

Below 1GHz

Vertical:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dB μ V)	(dB/m)	(dB)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	38.752	45.52	16.20	42.34	0.13	19.51	40.00	-20.49	QP
2	62.213	50.13	12.35	42.31	0.60	20.77	40.00	-19.23	QP
3	72.338	51.02	10.58	42.26	0.66	20.00	40.00	-20.00	QP
4	134.088	45.05	12.18	42.26	1.41	16.38	43.50	-27.12	QP
5	434.065	103.07	15.87	41.81	3.12	80.25	Fundamental signal		
6	684.745	45.84	20.08	41.76	4.10	28.26	46.00	-17.74	QP
7	869.130	74.98	22.45	41.74	4.56	60.25	60.83	-0.58	QP
8	968.934	47.12	23.50	41.27	4.81	34.16	54.00	-19.84	QP

Horizontal:

Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dB μ V)	(dB/m)	(dB)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	37.285	43.52	16.06	42.34	0.42	17.66	40.00	-22.34	QP
2	64.433	43.97	12.05	42.30	0.61	14.33	40.00	-25.67	QP
3	129.015	44.15	12.64	42.26	1.43	15.96	43.50	-27.54	QP
4	354.183	44.92	14.30	41.94	2.91	20.19	46.00	-25.81	QP
5	434.065	102.85	15.87	41.81	3.12	80.03	Fundamental signal		
6	658.836	45.32	19.88	41.72	3.99	27.47	46.00	-18.53	QP
7	869.130	69.78	22.45	41.74	4.56	55.05	60.83	-5.78	QP
8	979.180	45.70	23.60	41.17	4.81	32.94	54.00	-21.06	QP



Above 1GHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1299.773	38.78	24.82	26.50	54.00	-27.50	peak	Vertical
2	1732.967	36.63	25.60	26.15	54.00	-27.85	peak	Vertical
3	2162.567	34.23	26.49	25.48	54.00	-28.52	peak	Vertical
4	1299.773	38.06	24.82	25.78	54.00	-28.22	peak	Horizontal
5	1732.967	37.00	25.60	26.52	54.00	-27.48	peak	Horizontal
6	2162.567	35.31	26.49	26.56	54.00	-27.44	peak	Horizontal

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:
Final Test Level = Receiver Reading Level + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) If Peak Result comply with AV limit, AV Result is deemed to comply with QP limit
- 3) No any other emissions level which are attenuated less than 20dB below the limit. According to 15.31(o), the amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.
- 4) This product is a floor product. It is placed on the ground during normal use. It is unable to place the Bluetooth antenna to 1.5m, so use the 433MHz module to test RSE above 1GHz.

6.4 20dB Bandwidth

E.U.T. Operation

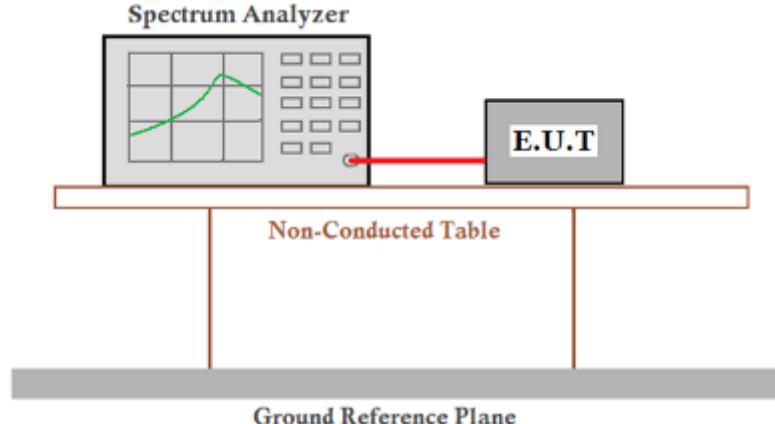
Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

Test mode

a: TX mode_Keep the EUT in transmitting with modulation mode.

Test Setup:



Limit:

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.

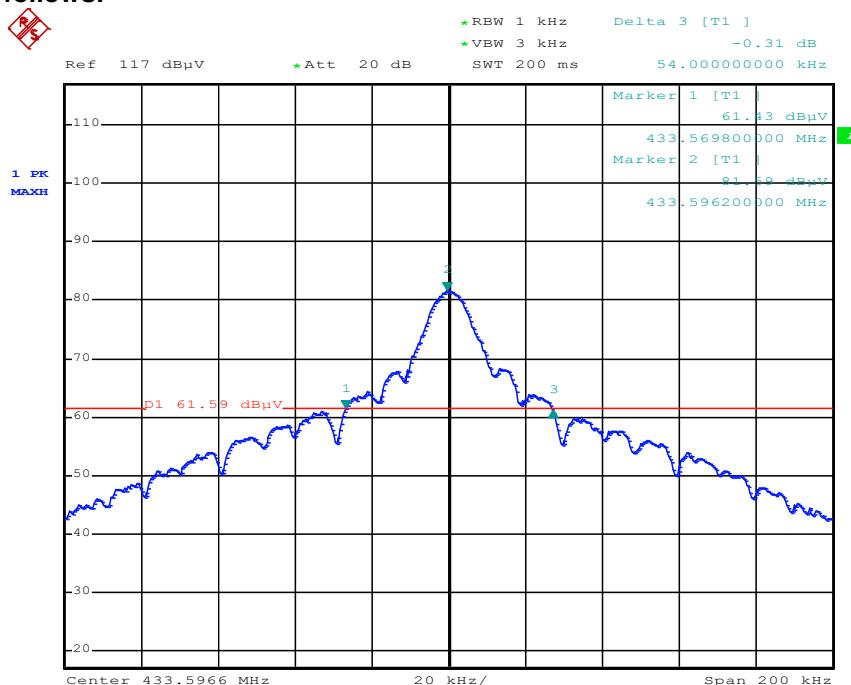
Test Results:

Pass

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.92	54.00	1084.8	Pass

Test plot as follows:



Date: 21.OCT.2019 11:57:06

NO.588 West Jindu Road,Songjiang District,Shanghai,China 201612
中国·上海·松江区金都西路588号 邮编: 201612

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t(86-21)61915666 f(86-21)61915678 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

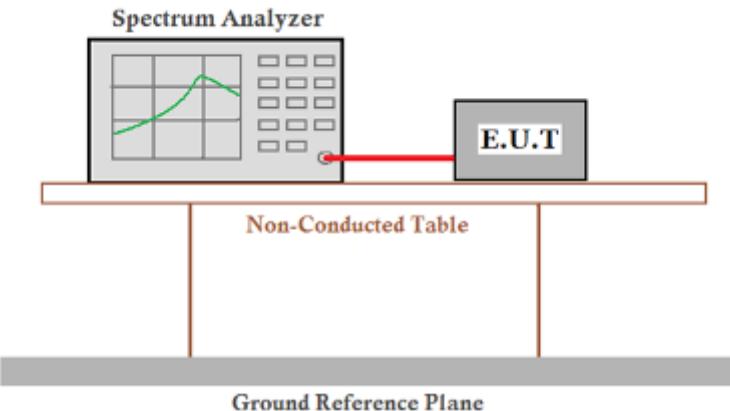
6.5 Dwell Time

E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar
Test mode a: TX mode_Keep the EUT in transmitting with modulation mode.

Test Setup:



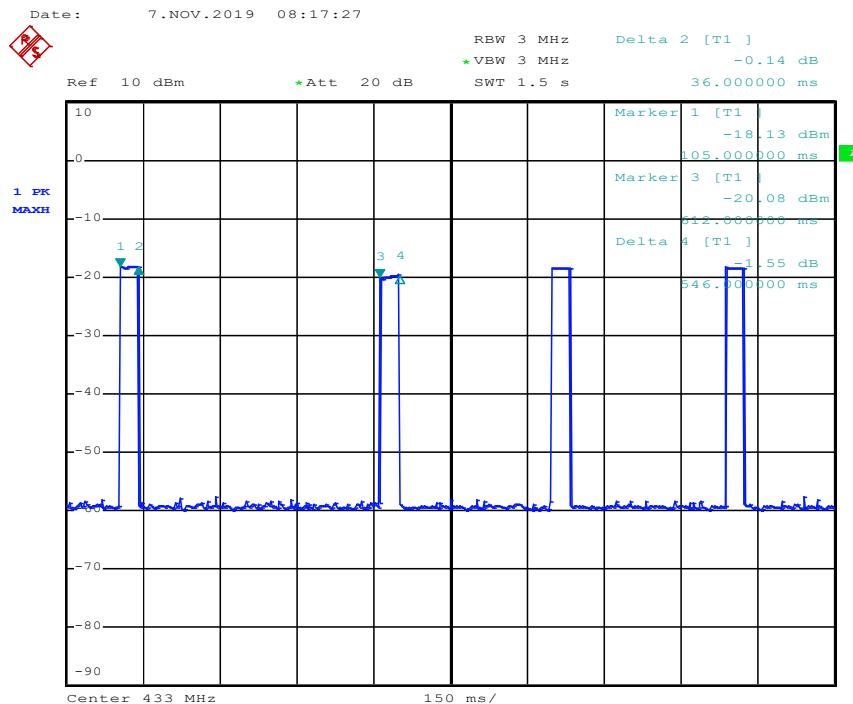
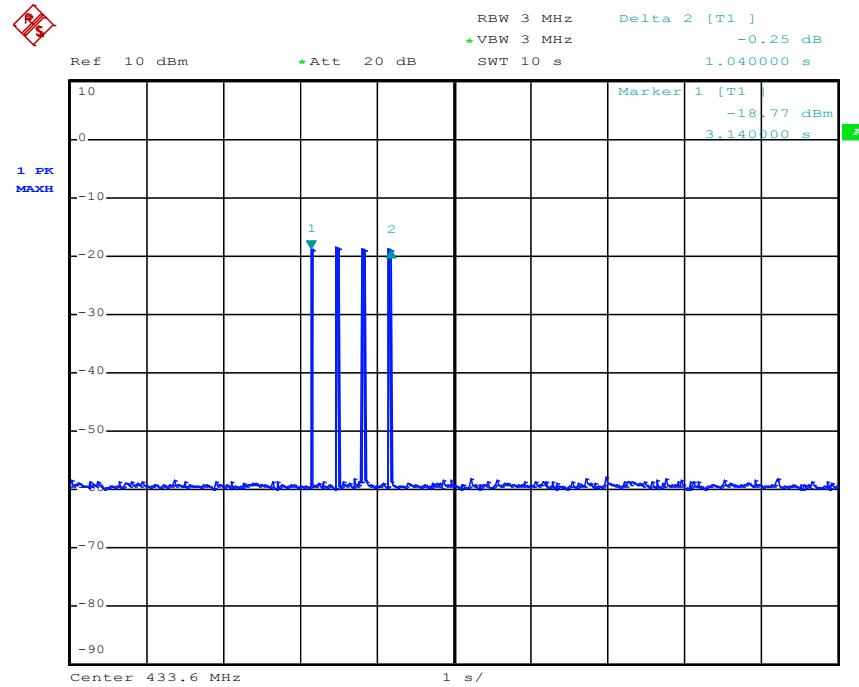
Limit: 15.231 (a): Not more than 5 seconds

Test Results: Pass

Measurement Data:

Test item	Limit (s)	Results
Transmission Duration	≤5s	Pass

Test plot as follows:



Date: 11.NOV.2019 15:11:25



7 Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

8 EUT Constructional Details

Refer to the < External Photos > & <Internal Photos >.

--End of the Report--