SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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TEST REPORT

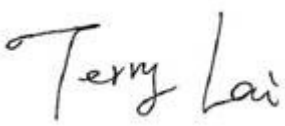
Application No.:	GZEM1709005472HS
Applicant:	Guangdong Midea Consumer Electric Manufacturing Co.,Ltd
Address of Applicant:	19 Sanle Road,Beijiao,Shunde, Foshan, Guangdong
Manufacturer:	Guangdong Midea Consumer Electric Manufacturing Co.,Ltd
Address of Manufacturer:	19 Sanle Road,Beijiao,Shunde, Foshan, Guangdong
Factory:	Guangdong Midea Consumer Electric Manufacturing Co.,Ltd
Address of Factory:	19 Sanle Road,Beijiao,Shunde, Foshan, Guangdong
Equipment Under Test (EUT):	
FCC ID:	TAPMC-RH15W33
EUT Name:	induction cooker
Model No.:	C15-RH15W33, MC-RTW1505M, MIND179ST-B ¤
¤	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark:	Midea
Standards:	47 CFR Part 18:2016
Date of Receipt:	2017-09-06
Date of Test:	2017-09-12 to 2017-09-14
Date of Issue:	2017-11-03
Test Result :	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Kobe Jian
EMC Laboratory 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.
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.

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
00		2017-11-03		Original

Authorized for issue by:				
Tested By		 **(Allen_Zhou) / Project Engineer**		2017-09-12 to 2017-09-14 **Date**
Checked By		 **(Terry_Lai) / Reviewer**		2017-09-19 **Date**

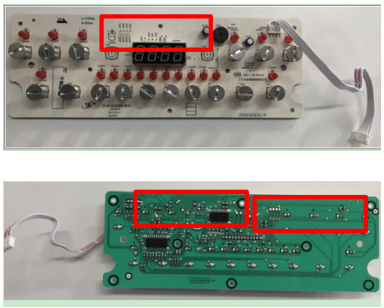
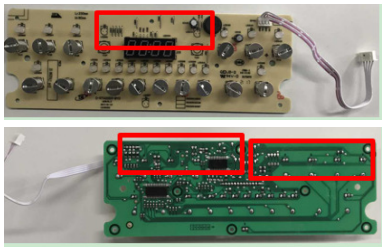
2 Test Summary

Electromagnetic Interference (EMI)				
Test	**Test Requirement**	**Test Method**	**Class / Severity**	**Result**
Conducted Emission (9 kHz to 30 MHz)	47 CFR PART 18:2016	FCC OST/ MP-5:1986	18.307(a)	PASS
Radiated Emission (9 kHz to 30 MHz)	47 CFR PART 18:2016	FCC OST/ MP-5:1986	18.305(b)	PASS
Remark : **EUT:** In this whole report EUT means Equipment Under Test.				

¤ **Declaration of EUT Family Grouping:**

Model No.: C15-RH15W33, MC-RTW1505M, MIND179ST-B

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for all models, only with different in part of PCB layout for control board. Detail as below:

C15-RH15W33	MC-RTW1505M	MIND179ST-B
		
		
		

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Therefore Conducted Emission (9 kHz to 30 MHz) and Radiated Emission (9 kHz to 30 MHz) tests were performed on model **C15-RH15W33** and **MC-RTW1505M** in this report.

3 Contents

4 General Information

4.1 Details of E.U.T.

Rated Supply (Voltage):	AC 120V, 60Hz
Operating frequency:	20-30kHz
Power Cable:	2 wires ×1.2m unscreened AC mains cable

4.2 Description of Support Units

The EUT has been tested with a boiler with water as load.

4.3 Deviation from Standards

None.

4.4 General Test Climate During Testing

Temperature: 15-30 °C Humidity: 30~70 %RH Atmospheric Pressure: 860-1060 mbar

4.5 Abnormalities from Standard Conditions

None.

4.6 Test Location

All tests were performed at:
SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,
198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District,
Guangzhou, China 510663
Tel: +86 20 82155555 Fax: +86 20 82075059
No tests were sub-contracted.

4.7 Test Facility

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

- **NVLAP (Lab Code: 200611-0)**

  SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

  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.

- **ACMA**

  SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

  Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS (Lab Code: L0167)**

  SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

- **FCC Recognized 2.948 Listed Test Firm(Registration No.: 282399)**

  SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 282399, May 31, 2002.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

  SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818, Jul 13, 2017.

- **Industry Canada (Registration No.: 4620B-1)**

  The 3m/10m Alternate Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Certification and Engineering of Industry Canada for radio equipment testing with Registration No. 4620B-1.

- **VCCI (Registration No.: R-2460, C-2584, G-449 and T-1179)**

  The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co. Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2460, C-2584，G-449 and T-1179 respectively.

- **CBTL (Lab Code: TL129)**

  SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2005, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

5 Equipment List

EMC0306	Shielding Room	Zhong Yu	8 x 3 x 3.8 m³	N/A	N/A	N/A
EMC0118	Two-line v-netwok	R&S	ENV216	100359	2017-01-20	2018-01-19
EMC0102	LISN	SCHAFFNER CHASE	MN2050D/1	1421	2017-09-20	2018-09-19
EMC0506	EMI Test Receiver	Rohde & Schwarz	ESCS30	100085	2016-12-02	2017-12-01
EMC0107	Coaxial Cable	SGS	2m	N/A	2016-07-24	2018-07-23
EMC0106	Voltage Probe	SGS	N/A	N/A	2016-04-05	2018-04-04
EMC2123	8 Line ISN Cat 6	SCHWARZBECK MESS-ELEKTRONIK	NTFM 8158	NTFM 8158 0151	2017-06-23	2018-06-22
EMC2124	8 Line ISN Cat 5	SCHWARZBECK MESS-ELEKTRONIK	CAT5 8158	CAT5 8158-188	2017-06-23	2018-06-22
EMC2126	8 Line ISN Cat 3	SCHWARZBECK MESS-ELEKTRONIK	CAT3 8158	CAT38158-0081	2017-06-23	2018-06-22
EMC2122	ISN S8	SCHWARZBECK MESS-ELEKTRONIK	ISN S8	57	2017-06-23	2018-06-22
EMC2121	ISN S1	SCHWARZBECK MESS-ELEKTRONIK	ISN S1	10	2017-06-23	2018-06-22
EMC2125	2 wires ISN	SCHWARZBECK MESS-ELEKTRONIK	NTFM 8131	8131-198	2017-06-23	2018-06-22
EMC2047	CDN	Elektronik-Feinmechanik	L-801:AF2	2793	2015-09-19	2018-09-18
EMC2048	CDN	Elektronik-Feinmechanik	L-801:M2/M3	2738	2015-09-25	2018-09-24
EMC2062	6dB Attenuator	HP	8491A	24487	2016-04-05	2018-04-04
EMC0167	Conical metal housing	SGS-EMC	N/A	N/A	2016-04-19	2018-04-18

RE in Chamber						
No.	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. date (YYYY-MM-DD)	Cal.Due date (YYYY-MM-DD)
EMC0525	Compact Semi-Anechoic Chamber	ChangZhou ZhongYu	N/A	N/A	2016-12-04	2019-12-03
EMC0522	EMI Test Receiver	Rohde & Schwarz	ESIB26	100283	2017-01-20	2018-01-19
EMC0056	EMI Test Receiver	Rohde & Schwarz	ESCI	100236	2017-01-20	2018-01-19
EMC0528	RI High frequency Cable	SGS	20 m	N/A	2016-04-19	2018-04-18
EMC2025	Trilog Broadband Antenna 30-1000MHz	SCHWARZBECK MESS-ELEKTRONIK	VULB 9160	9160-3372	2016-09-08	2019-09-07
SEM003-18	Trilog Broadband Antenna 25-2000MHz	SCHWARZBECK MESS-ELEKTRONIK	VULB 9168	665	2016-06-29	2019-06-28
EMC0524	Bi-log Type Antenna	Schaffner -Chase	CBL6112B	2966	2016-09-08	2019-09-07
EMC0519	Bilog Type Antenna	Schaffner -Chase	CBL6143	5070	2017-05-04	2020-05-03
EMC2026	Horn Antenna 1-18GHz	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120D	9120D-841	2016-09-09	2019-09-08
EMC0521	1-26.5 GHz Pre-Amplifier	Agilent	8449B	3008A01649	2017-01-20	2018-01-19
EMC2065	Amplifier	HP	8447F	N/A	2017-06-19	2018-06-18
EMC2086	PRE AMPLIFIER MH648A	ANRITSU CORP	MH648A	N/A	2016-12-02	2017-12-01
EMC2063	Pre-amplifier 1GHz-26GHz	Compliance Direction Systems Lnc.	PAP-1G26-48	6279.628	2016-12-02	2017-12-01
EMC0523	Active Loop Antenna	EMCO	6502	42963	2016-02-27	2018-02-26
EMC2041	Broad-Band Horn Antenna (14)15-26.5(40)GHz	SCHWARZBECK MESS-ELEKTRONI	BBHA 9170	9170-375	2017-05-23	2020-05-22
EMC2079	High Pass Filter(915MHz)	FSY MICROWAVE	HM1465-9SS	009	2017-01-20	2018-01-19
EMC2069	2.4GHz Filter	Micro-Tronics	BRM 50702	149	2017-01-20	2018-01-19
EMC0530	10m Semi-Anechoic Chamber	ETS	N/A	N/A	2016-04-30	2018-04-29

General used equipment						
No.	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. date (YYYY-MM-DD)	Cal.Due date (YYYY-MM-DD)
EMC0006	DMM	Fluke	73	70681569	2017-07-26	2018-07-25
EMC0007	DMM	Fluke	73	70671122	2017-07-26	2018-07-25

6 Emission Test Results

6.1 Conducted Emissions, 9 kHz to 30 MHz

Test Requirement: 47 CFR PART 18
Test Method: FCC OST/ MP-5
Test Date: 2017-09-12
Power Supply: AC 120V 60Hz
Frequency Range: 9 kHz to 30 MHz
Detector: Peak for pre-scan, Quasi-Peak and Average for the final result.
(200 Hz Resolution Bandwidth for 9 kHz to 150 kHz,
9 kHz Resolution Bandwidth for 150 kHz to 30 MHz)

Limit:

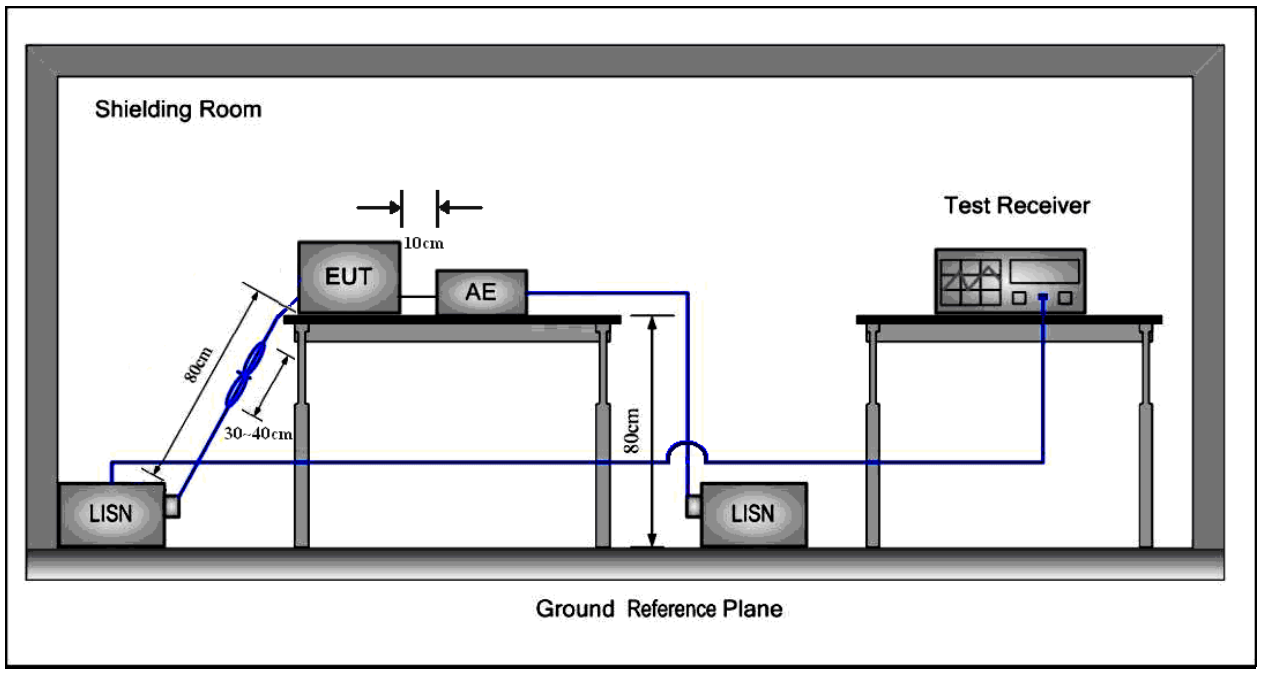
Frequency range MHz	**AC mains terminals** dB (μV)	
	Quasi-peak	Average
0.009 to 0.05	110	—
0.05 to 0.15	90 to 80*	—
0.15 to 0.5	66 to 56*	56 to 46*
0.5 to 5	56	46
5 to 30	60	50
Note1: The limit decreases linearly with the logarithm of the frequency in the range 0.05 MHz to 0.5 MHz. Note2: The lower limit is applicable at the transition frequency.		

6.1.1 E.U.T. Operation

A pre-test was performed on the EUT in on mode with max, middle and min power in order to find the worst case.

Test the EUT in on mode with max power for the compliance test as the final test.

6.1.2 Test Setup and Procedure



1. The mains terminal disturbance voltage test was conducted in a shielded room.
2. The EUT was connected to nominal power supply through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω 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 1 m 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 1 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 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

6.1.3 Measurement Data

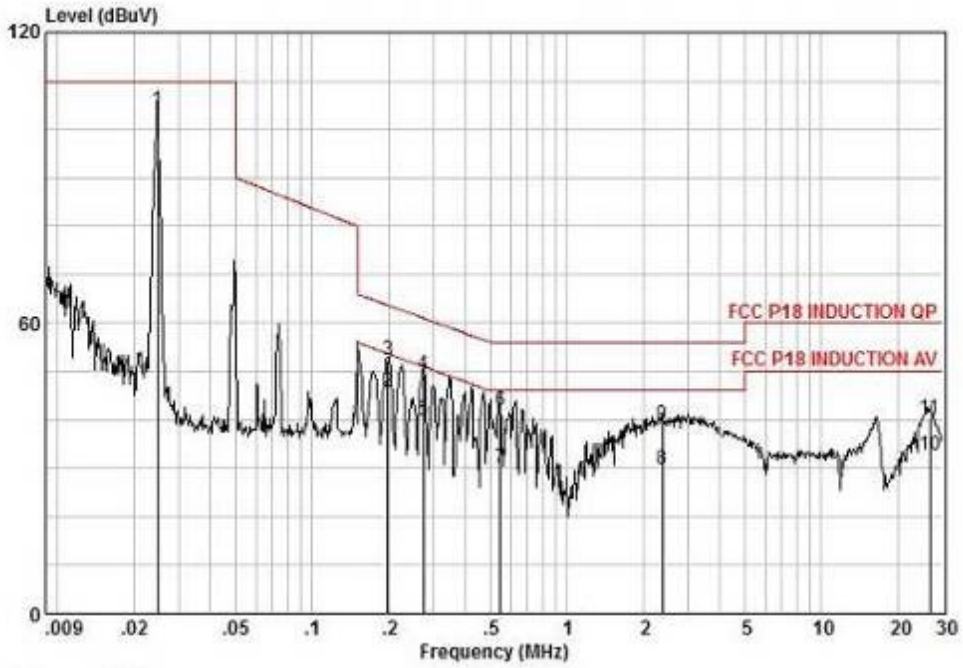
Pre-scan was performed with peak detected on both live and neutral cable. Quasi-peak & average measurements were performed at the frequencies which maximum peak emission level was detected.

Please see the attached Quasi-peak and Average test results.

For model C15-RH15W33

Live line:

Peak Scan



Pol :LIVE
No :
Model :

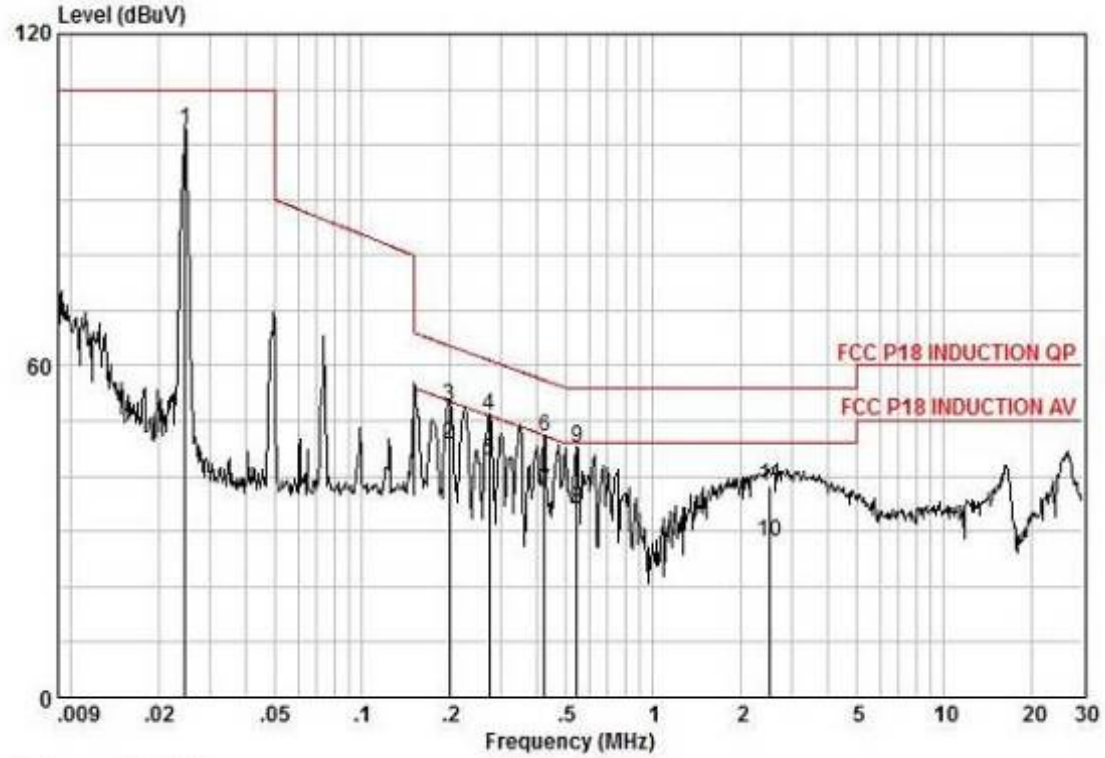
Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0.02	93.80	0.10	10.05	103.95	110.00	-6.05	QP
0.20	36.15	0.10	9.64	45.89	53.67	-7.78	AVERAGE
0.20	42.42	0.10	9.64	52.16	63.67	-11.51	QP
0.27	39.70	0.13	9.64	49.47	60.98	-11.51	QP
0.27	30.13	0.13	9.64	39.90	50.98	-11.08	AVERAGE
0.55	31.92	0.21	9.64	41.77	56.00	-14.23	QP
0.55	20.25	0.21	9.64	30.10	46.00	-15.90	AVERAGE
2.37	19.57	0.46	9.67	29.69	46.00	-16.31	AVERAGE
2.37	28.66	0.46	9.67	38.78	56.00	-17.22	QP
26.70	21.66	0.63	10.31	32.60	50.00	-17.40	AVERAGE
26.70	29.38	0.63	10.31	40.32	60.00	-19.68	QP

Level = Read Level + LISN Factor + Cable Loss.

For model C15-RH15W33

Neutral line:

Peak Scan



Pol :NEUTRAL
No :
Model :

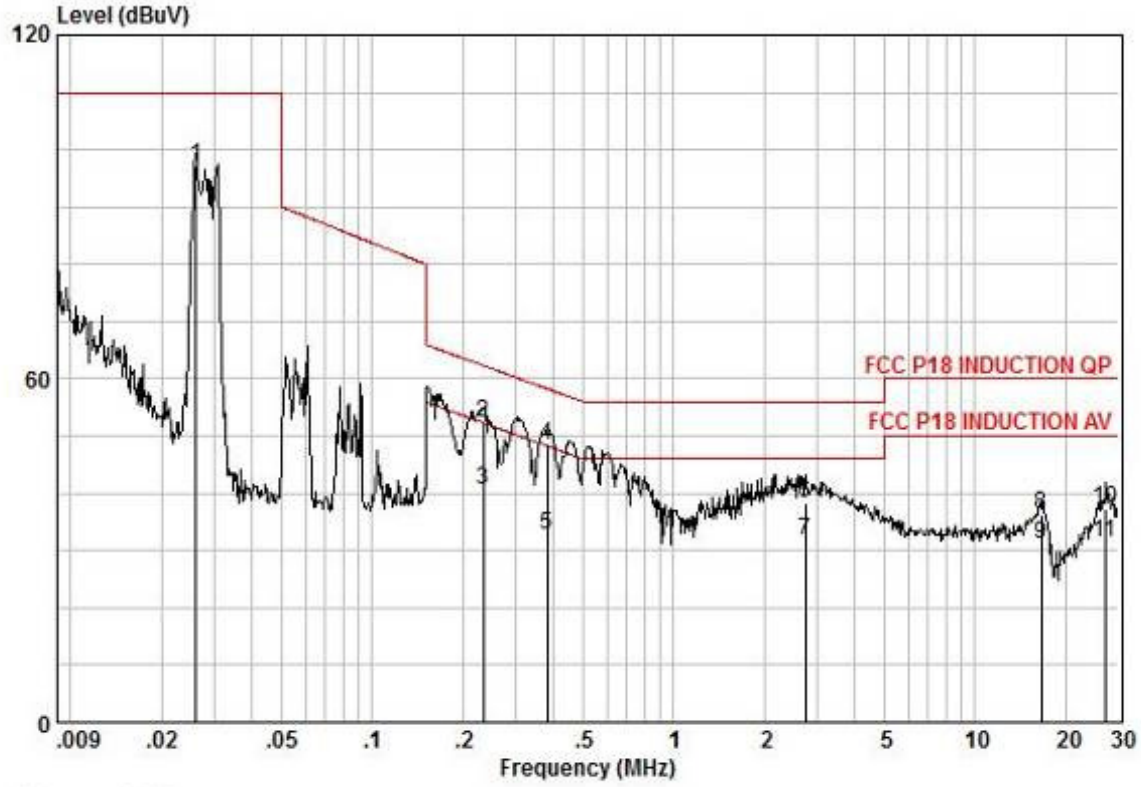
Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0,02	92,74	0,10	9,99	102,83	110,00	-7,17	QP
0,20	36,08	0,10	9,67	45,85	53,62	-7,77	AVERAGE
0,20	42,74	0,10	9,67	52,51	63,62	-11,11	QP
0,27	41,12	0,13	9,66	50,91	60,98	-10,07	QP
0,27	33,12	0,13	9,66	42,91	50,98	-8,07	AVERAGE
0,42	37,26	0,18	9,67	47,11	57,37	-10,26	QP
0,42	27,44	0,18	9,67	37,29	47,37	-10,08	AVERAGE
0,55	24,04	0,21	9,67	33,92	46,00	-12,08	AVERAGE
0,55	35,30	0,21	9,67	45,18	56,00	-10,82	QP
2,53	17,88	0,48	9,69	28,05	46,00	-17,95	AVERAGE
2,53	28,00	0,48	9,69	38,17	56,00	-17,83	QP

Level = Read Level + LISN Factor + Cable Loss.

For model MC-RTW1505M

Live line:

Peak Scan



Pol :LIVE
No :
Model :

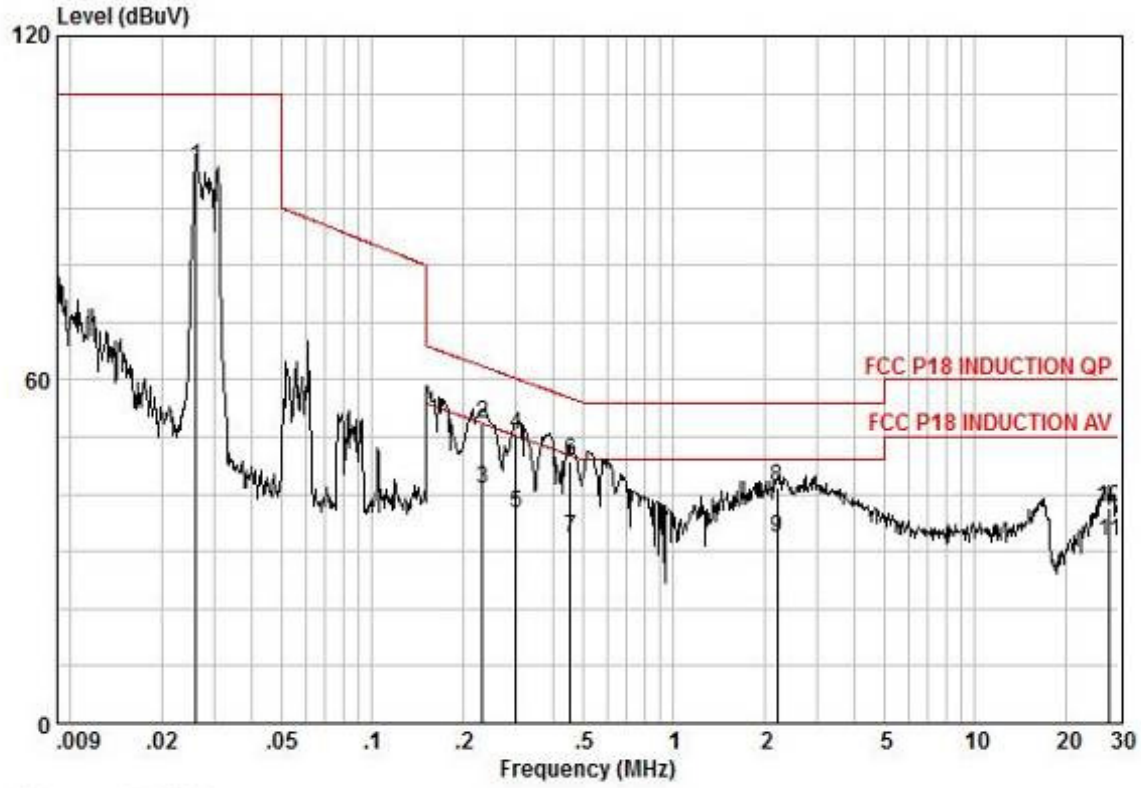
Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0,03	87,02	0,10	10,03	97,15	110,00	-12,85	QP
0,23	42,44	0,12	9,64	52,20	62,30	-10,11	QP
0,23	30,93	0,12	9,64	40,69	52,30	-11,62	AVERAGE
0,38	38,74	0,17	9,64	48,55	58,25	-9,70	QP
0,38	22,91	0,17	9,64	32,72	48,25	-15,53	AVERAGE
2,74	28,10	0,50	9,68	38,28	56,00	-17,72	QP
2,74	21,70	0,50	9,68	31,88	46,00	-14,12	AVERAGE
16,66	25,52	0,70	9,96	36,18	60,00	-23,82	QP
16,66	20,30	0,70	9,96	30,96	50,00	-19,04	AVERAGE
27,13	26,24	0,62	10,32	37,18	60,00	-22,82	QP
27,13	20,30	0,62	10,32	31,24	50,00	-18,76	AVERAGE

Level = Read Level + LISN Factor + Cable Loss.

For model MC-RTW1505M

Neutral line:

Peak Scan



Pol :NEUTRAL
No :
Model :

Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0,03	87,10	0,10	9,96	97,16	110,00	-12,84	QP
0,23	42,50	0,12	9,66	52,28	62,39	-10,11	QP
0,23	30,99	0,12	9,66	40,77	52,39	-11,62	AVERAGE
0,30	40,42	0,14	9,66	50,22	60,24	-10,01	QP
0,30	26,90	0,14	9,66	36,70	50,24	-13,53	AVERAGE
0,45	36,06	0,19	9,67	45,92	56,80	-10,88	QP
0,45	22,58	0,19	9,67	32,44	46,80	-14,36	AVERAGE
2,21	31,04	0,43	9,68	41,16	56,00	-14,84	QP
2,21	22,11	0,43	9,68	32,23	46,00	-13,77	AVERAGE
28,00	26,40	0,59	10,55	37,54	60,00	-22,46	QP
28,00	20,52	0,59	10,55	31,66	50,00	-18,34	AVERAGE

Level = Read Level + LISN Factor + Cable Loss.

6.2 Radiated Emissions, 9 kHz to 30 MHz

Test Requirement: 47 CFR PART 18

Test Method: FCC OST/ MP-5

Power Supply: AC 120V 60Hz

Test Date: 2017-09-14

Frequency Range: 9 kHz to 30 MHz

Measurement Distance: 3 m

Detector: Peak for pre-scan, Average for the final result
(200 Hz Resolution Bandwidth for 9 kHz to 150 kHz
9 kHz Resolution Bandwidth for 150 kHz to 30 MHz)

Limit:

Equipment	Operating frequency	RF Power generated by equipment (watts)	Field strength limit (uV/m)	Distance (meters)
Induction cooking ranges	Below 90 kHz	Any	1,500	430
	On or above 90 kHz	Any	300	430

For Induction cooking ranges and the operating frequency is below 90 kHz, the field strength limit is 1,500 μV/m@30m, i.e.:

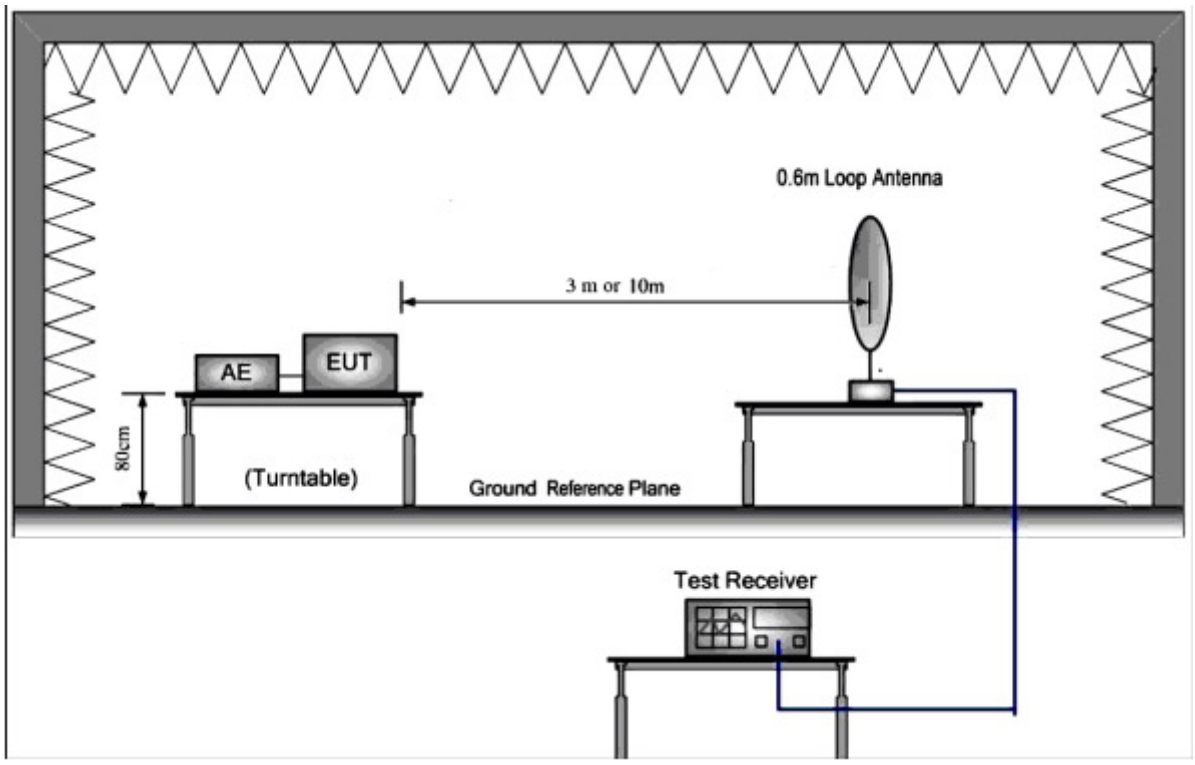
20lg (1500)+20lg(30/3)=83.52dBuV/m @ 3m distance

6.2.1 E.U.T. Operation

A pre-test was performed on the EUT in on mode with max, middle and min power in order to find the worst case.

Test the EUT in on mode with max power for the compliance test as the final test.

6.2.2 Test Setup and Procedure



1. The magnetic emissions test was conducted in a semi-anechoic chamber.
2. The EUT was connected to AC power source through a mains power outlet which was bonded to the ground reference plane; The mains cables shall drape to the ground reference plane.
3. The tabletop EUT was placed upon a non-metallic table 1 m 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. Before final measurements of magnetic emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum signature data plots of the EUT.

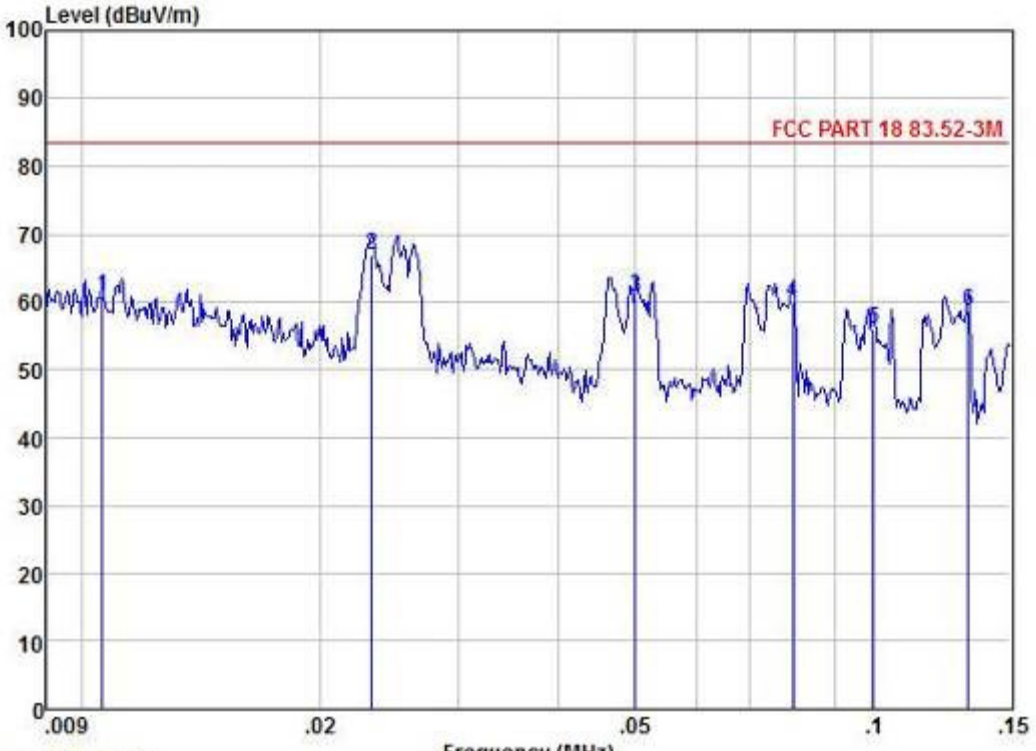
   The frequencies of maximum emission were determined in the final magnetic emissions measurement, The physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emissions in amplitude, direction and frequency. At each frequency, the EUT was rotated 360°, the antenna was supported in the vertical plane and be rotatable about a vertical axis. The antenna height was set at around 2 m above the ground reference plane.

6.2.3 Measurement Data

For model C15-RH15W33

Vertical:

Peak scan

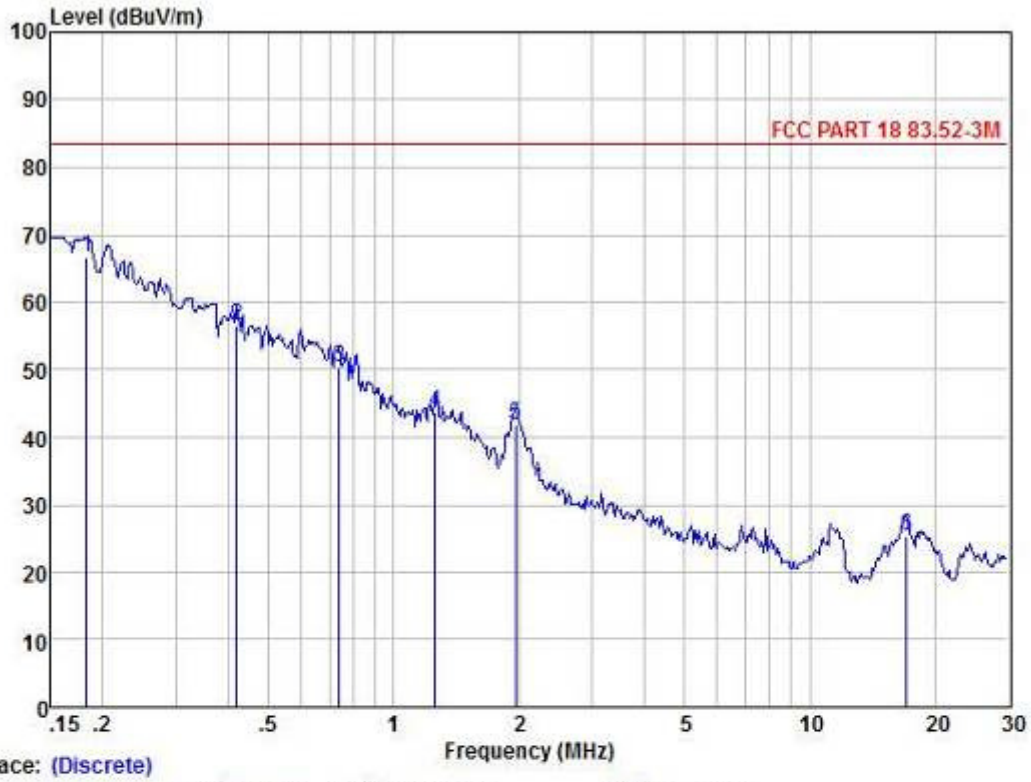


Trace: (Discrete)

	Freq	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	0.011	67.40	21.69	0.00	28.21	60.88	83.52	-22.64	VERTICAL	Average
2	0.023	79.47	16.61	0.00	29.17	66.91	83.52	-16.61	VERTICAL	Average
3	0.050	77.52	12.70	0.00	29.30	60.92	83.52	-22.60	VERTICAL	Average
4	0.079	76.51	12.91	0.00	29.30	60.12	83.52	-23.40	VERTICAL	Average
5	0.101	72.37	13.00	0.00	29.30	56.07	83.52	-27.45	VERTICAL	Average
6	0.133	75.05	12.92	0.00	29.30	58.67	83.52	-24.85	VERTICAL	Average

Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.

For model C15-RH15W33



Trace: (Discrete)

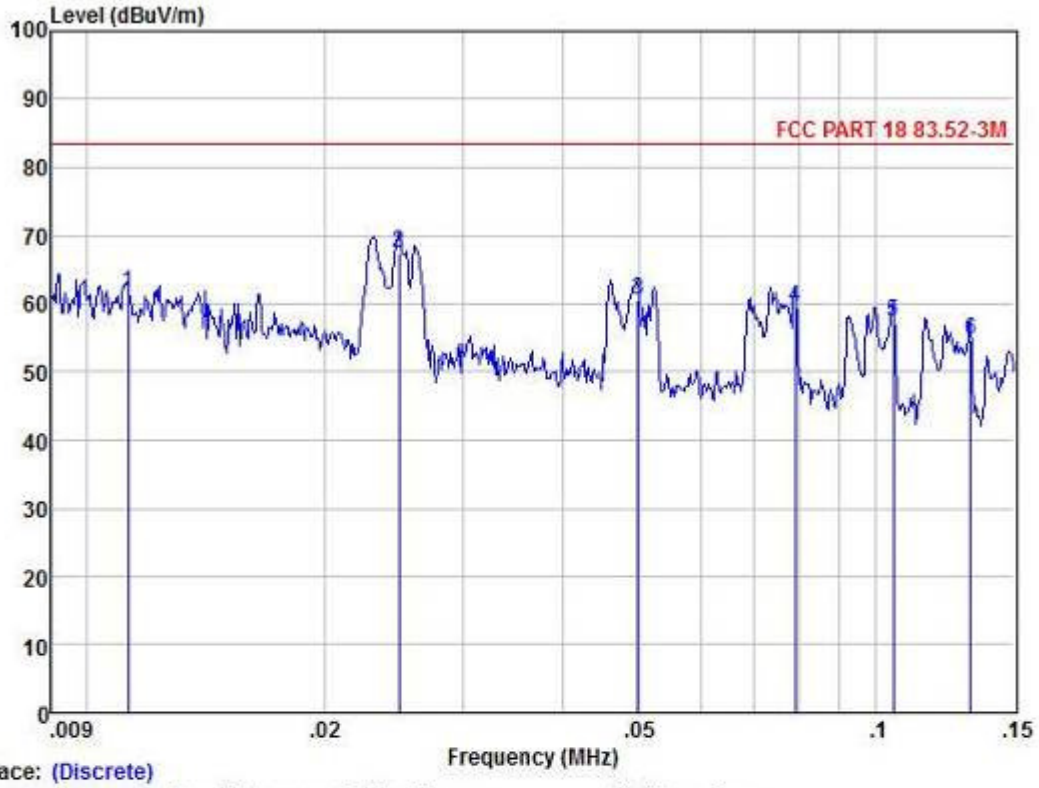
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	0.182	83.04	12.87	0.00	29.30	66.61	83.52	-16.91	VERTICAL	Average
2	0.419	73.07	12.55	0.10	29.30	56.42	83.52	-27.10	VERTICAL	Average
3	0.739	67.06	12.60	0.10	29.24	50.52	83.52	-33.00	VERTICAL	Average
4	1.255	60.00	12.71	0.10	29.20	43.61	83.52	-39.91	VERTICAL	Average
5	1.959	58.58	12.40	0.10	29.20	41.88	83.52	-41.64	VERTICAL	Average
6	17.109	43.69	10.48	0.40	29.11	25.46	83.52	-58.06	VERTICAL	Average

Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.

For model C15-RH15W33

Horizontal:

Peak scan

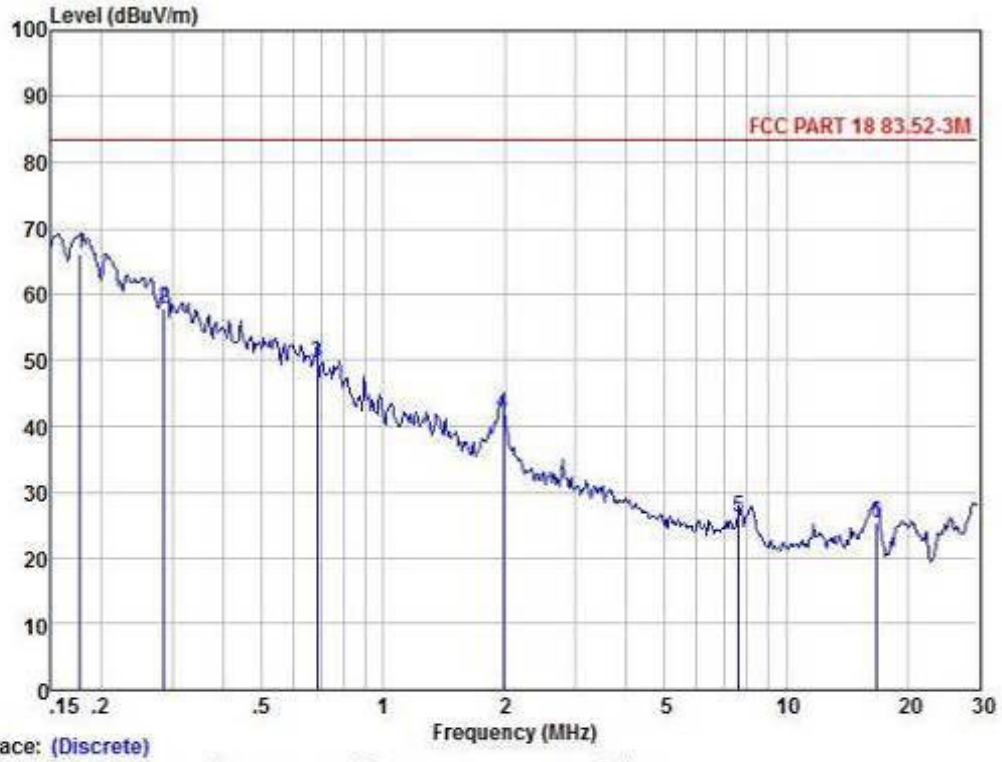


Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	0.011	68.46	21.41	0.00	28.39	61.48	83.52	-22.04	HORIZONTAL	Average
2	0.025	80.23	16.40	0.00	29.20	67.43	83.52	-16.09	HORIZONTAL	Average
3	0.050	77.19	12.70	0.00	29.30	60.59	83.52	-22.93	HORIZONTAL	Average
4	0.079	75.98	12.91	0.00	29.30	59.59	83.52	-23.93	HORIZONTAL	Average
5	0.105	73.53	12.99	0.00	29.30	57.22	83.52	-26.30	HORIZONTAL	Average
6	0.132	71.09	12.92	0.00	29.30	54.71	83.52	-28.81	HORIZONTAL	Average

Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.

For model C15-RH15W33



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	0.178	82.54	12.87	0.00	29.30	66.11	83.52	-17.41	HORIZONTAL	Average
2	0.286	74.26	12.76	0.10	29.30	57.82	83.52	-25.70	HORIZONTAL	Average
3	0.686	66.07	12.58	0.10	29.26	49.49	83.52	-34.03	HORIZONTAL	Average
4	1.980	58.63	12.40	0.10	29.20	41.93	83.52	-41.59	HORIZONTAL	Average
5	7.606	44.23	10.69	0.30	29.20	26.02	83.52	-57.50	HORIZONTAL	Average
6	16.750	43.56	10.43	0.40	29.11	25.28	83.52	-58.24	HORIZONTAL	Average

Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.

--End of Report--