FCC Radio Test Report

FCC ID: M82-AIM10W

This report concerns (check one): ☒**Original Grant** ☐**Class I Change** ☐**Class II Change**

Project No.	:	1710083
Equipment	:	Computer
Test Model	:	AIM 10W
Series Model	:	AIM 10WXXXXXXXXXXXXXXX (where X may be any alphanumeric character , blank or "-".)
Applicant	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.

Date of Receipt	:	Nov. 13, 2017
Date of Test	:	Nov. 13, 2017 ~ Feb. 27, 2018
Issued Date	:	Mar. 01, 2018
Tested by	:	BTL Inc.

Testing Engineer : Kenji Lin
(Kenji Lin)

Technical Manager : James Chiu
(James Chiu)

Authorized Signatory : Andy Chiu
(Andy Chiu)

BTL INC.

No.18, Ln. 171, Sec. 2, Jiuzong Rd.,
Neihu Dist., Taipei City, Taiwan (R.O.C.)
TEL:+886-2-2657-3299 FAX: +886-2-2657-3331

ilac-MRA TAF Testing Laboratory 0659

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL**shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

BTL's 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.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **BTL-self**, extracts from the test report shall not be reproduced except in full with **BTL**'s authorized written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Table of Contents Page

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1710083	Original Issue.	Mar. 01, 2018

1. CERTIFICATION

Equipment	:	Computer
Brand Name	:	ADVANTECH
Test Model	:	AIM 10W
Series Model	:	AIM 10WXXXXXXXXXXXXXXX (where X may be any alphanumeric character , blank or “-”.)
Applicant	:	Advantech Co., Ltd.
Manufacturer	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.
Factory	:	N/A
Address	:	N/A
Date of Test	:	Nov. 13, 2017 ~ Feb. 27, 2018
Test Sample	:	Production Unit
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found in compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-4-1710083) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5GHz RLAN part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	
15.407(c)	Automatically Discontinue Transmission	PASS	**NOTE (2)**

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

(2) During no any information transmission, the EUT can automatically discontinue transmission and becom standby mode for power saving.
The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:965108; FCC DN:TW1082)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Below 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Above 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 Ucispr requirement.

The reported uncertainty of measurement y ± U, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

A. Conducted emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
C05	CISPR	150 kHz ~ 30MHz	2.68

B. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (3m)	CISPR	9kHz ~ 150kHz	2.82
		150kHz ~ 30MHz	2.58

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	30MHz ~ 200MHz	V	4.20
		30MHz ~ 200MHz	H	3.64
		200MHz ~ 1,000MHz	V	4.56
		200MHz ~ 1,000MHz	H	3.90

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	1GHz ~ 6GHz	V	4.46
		1GHz ~ 6GHz	H	4.40
		6GHz ~ 18GHz	V	3.88
		6GHz ~ 18GHz	H	4.00

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (1m)	CISPR	18 ~ 26.5 GHz	4.62
		26.5 ~ 40 GHz	5.12

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.
These are our U_{lab} values in CISPR 16-4-2 terminology.
Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB
Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz: 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.
Note: unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Computer	
Brand Name	ADVANTECH	
Test Model	AIM 10W	
Series Model	AIM 10WXXXXXXXXXXXXXXX (where X may be any alphanumeric character , blank or “-”.)	
Model Difference	The market distribution is different only.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	866.7Mbps
Output Power	Output Power (Max.)for UNII-1 (2TX)	802.11a: 15.35dBm 802.11n (20M): 14.36dBm 802.11ac (80M): 12.02dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11a: 15.08dBm 802.11n (20M): 14.22dBm 802.11ac (80M): 12.74dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11a: 15.38dBm 802.11n (20M): 14.51dBm 802.11ac (80M): 12.42dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11a: 15.01dBm 802.11n (20M): 14.04dBm 802.11ac (80M): 11.54dBm
Power Source	DC Voltage supplied from AC/DC adapter.	
Power Rating	I/P: AC 100-240V~, 1.5A, 50~60Hz, 1.5A O/P: DC 19V⎓3.42A	
Products Covered	1 * AC Adapter: TAMURA / XEW1934N 2* Dock: 1) Desk Docking: ADVANTECH/AIM-OFD-0000 2) VESA Docking: ADVANTECH/AIM-DOC-0001	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Channel List:

UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	42	5210
40	5200		
44	5220		
48	5240		

UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	58	5290
56	5280		
60	5300		
64	5320		

UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	106	5530
104	5520	122	5610
108	5540		
112	5560		
116	5580		
132	5660		
136	5680		
140	5700		

UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	155	5775
153	5765		
157	5785		
165	5825		

3. Antenna Specification:

Ant.	Brand	Model	Type	Connector	Frequency Range (MHz)	Gain w/ Cable loss (dBi) (peak)	Gain w/o Cable Loss (dBi) (peak)	Cable Loss (dBi) (peak)
MAIN	INPAQ	IEC 6036B0207601 WA-F-LB-02-113	PIFA	I-pex	2400-2500	0.65	1.32	0.67
					5150-5350	-0.69	0.32	1.01
					5470-5725	-0.16	0.88	1.04
					5725-5850	-0.04	1.05	1.09
AUX	INPAQ	IEC 6036B0207501 WA-F-LB-03-080-	PIFA	I-pex	2400-2500	-1.9	-1.68	0.22
					5150-5350	-0.05	0.28	0.33
					5470-5725	-0.3	0.04	0.34
					5725-5850	0.2	0.56	0.36

Note:

The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R) and employs Cyclic Delay Diversity (CDD).
In CDD mode,

5180 MHz to 5240 MHz :
For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 2.44 dBi < 6dBi.

For conducted power:
For N_{ANT} = 2 < 5,
Direction gain (dBi) = G_{ANT} + 0 = -0.05 + 0 = -0.05
The Direction gain is less than 6, so conducted power limits will not be reduced.
5260 MHz to 5320 MHz :
For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 2.52 dBi < 6dBi.

For conducted power:
For N_{ANT} = 2 < 5,
Direction gain (dBi) = G_{ANT} + 0 = -0.29 + 0 = -0.29
The Direction gain is less than 6, so conducted power limits will not be reduced.
5500 MHz to 5700 MHz :
For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 1.49 dBi < 6dBi.

For conducted power:
For NANT = 2 < 5,
Direction gain (dBi) = GANT + 0 = 0.3 + 0 = 0.3
The Direction gain is less than 6, so conducted power limits will not be reduced.
5745 MHz to 5825 MHz :
For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 3.06 dBi < 6dBi.

For conducted power:
For N_{ANT} = 2 < 5,
Direction gain (dBi) = G_{ANT} + 0 = 0.13 + 0 = 0.13
The Direction gain is less than 6, so conducted power limits will not be reduced.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1+ANT 2)
802.11n(20MHz)	V (ANT 1+ANT 2)
802.11ac(80MHz)	V (ANT 1+ANT 2)

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX AC80 Mode / CH42 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX AC80 Mode / CH58 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)
Mode 13	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX AC80 Mode / CH42 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX AC80 Mode / CH58 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)

Note:
(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

UNII-1 - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5180	5200	5240
A Mode	12	12	12
Frequency (MHz)	5180	5200	5240
N20 Mode	11	11	11

UNII-2A - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5260	5300	5320
A Mode	12	12	12
Frequency (MHz)	5260	5300	5320
N20 Mode	11	11	11

UNII-2C - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5500	5580	5700
A Mode	14	14	14
Frequency (MHz)	5500	5580	5700
N20 Mode	13	13	14

UNII-3 - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5745	5785	5825
A Mode	15	15	15
Frequency (MHz)	5745	5785	5825
N20 Mode	14	14	15

UNII-1 - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5210		
AC80 Mode	8		

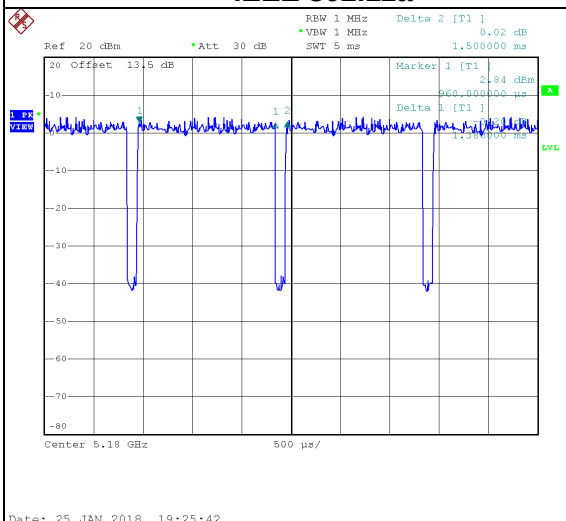
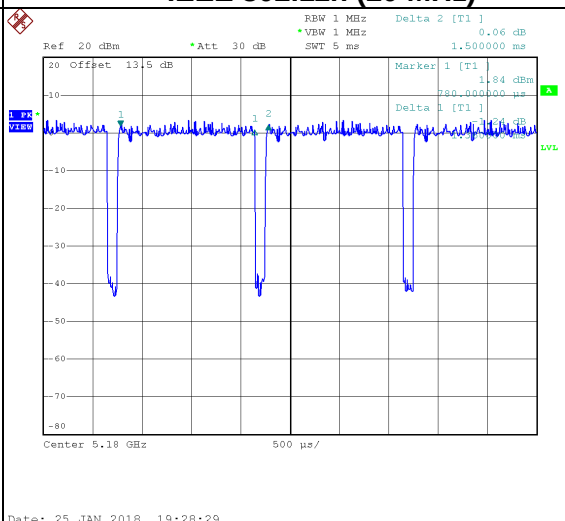
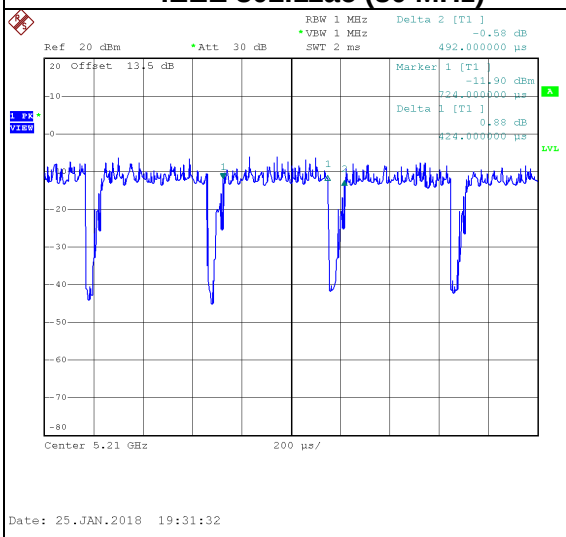
UNII-2A - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5290		
AC80 Mode	10		

UNII-2C - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5530	5610	
AC80 Mode	11	11	

UNII-3 - 2TX			
Test Software Version	DOC		
Frequency (MHz)	5775		
AC80 Mode	12		

3.4 DUTY CYCLE

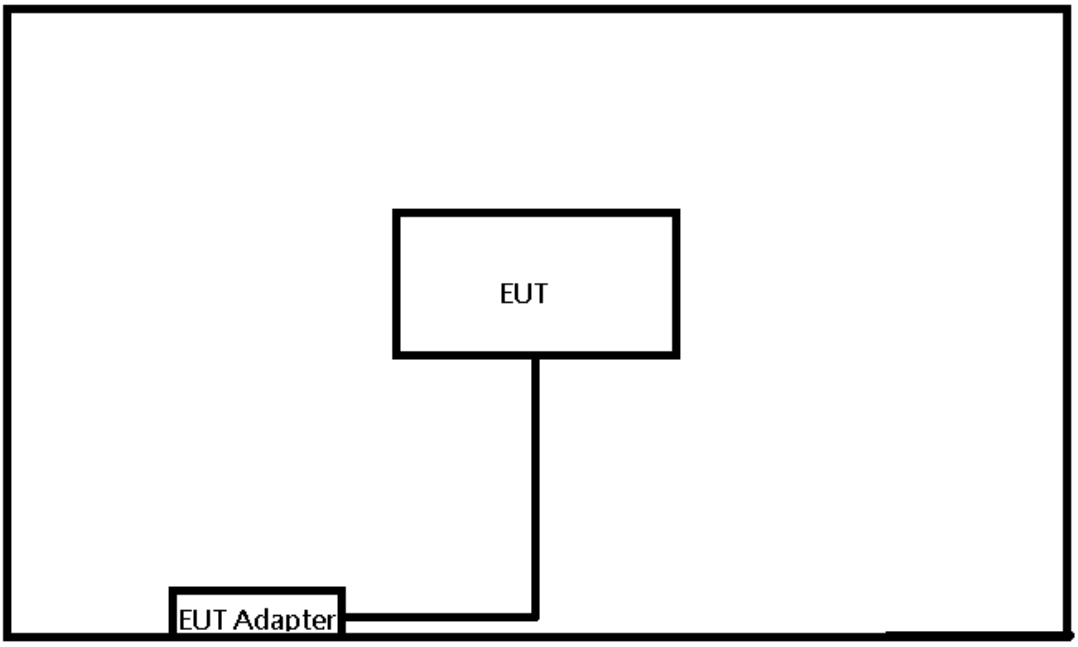
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

IEEE 802.11a	IEEE 802.11n (20 MHz)
	
Duty cycle = 1.380 ms / 1.500 ms = 92.00 % Duty Factor = 10 * log(1 / 0.9200) = 0.36	Duty cycle = 1.380 ms / 1.500 ms = 92.00 % Duty Factor = 10 * log(1 / 0.9200) = 0.36
IEEE 802.11ac (80 MHz)	
	
Duty cycle = 0.424 ms / 0.492 ms = 86.18 % Duty Factor = 10 * log(1 / 0.8618) = 0.65	

Note:
For IEEE 802.11a and IEEE 802.11n (20 MHz):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11ac (80 MHz):
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 kHz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	YES	NO	1.7m	Power Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150kHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

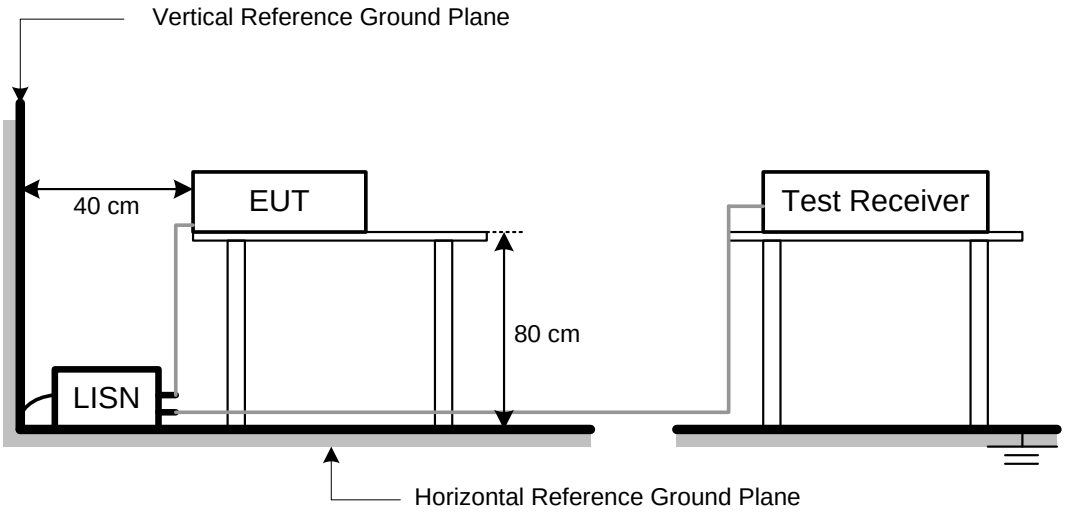
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150kHz to 30MHz。

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

2. According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

4.2.2 TEST PROCEDURE

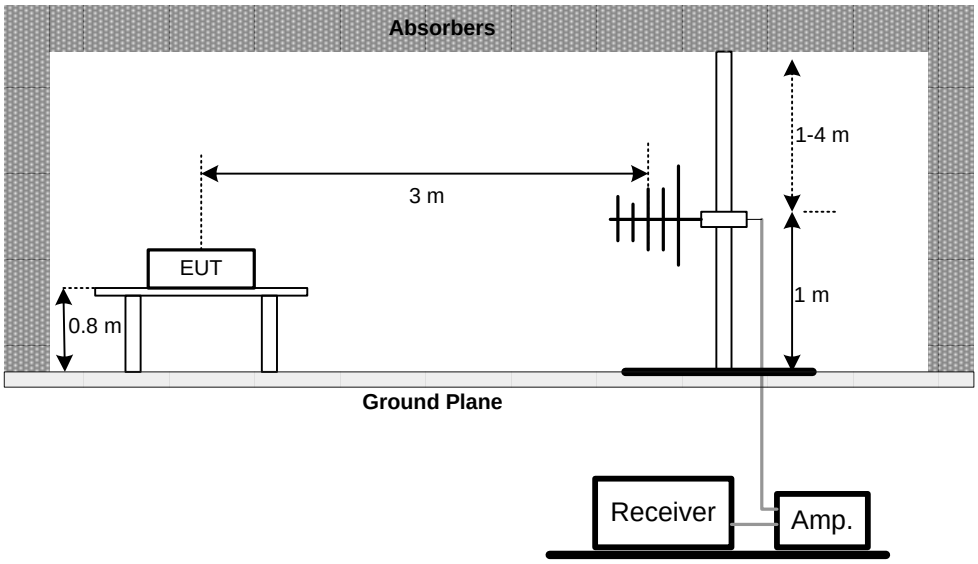
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

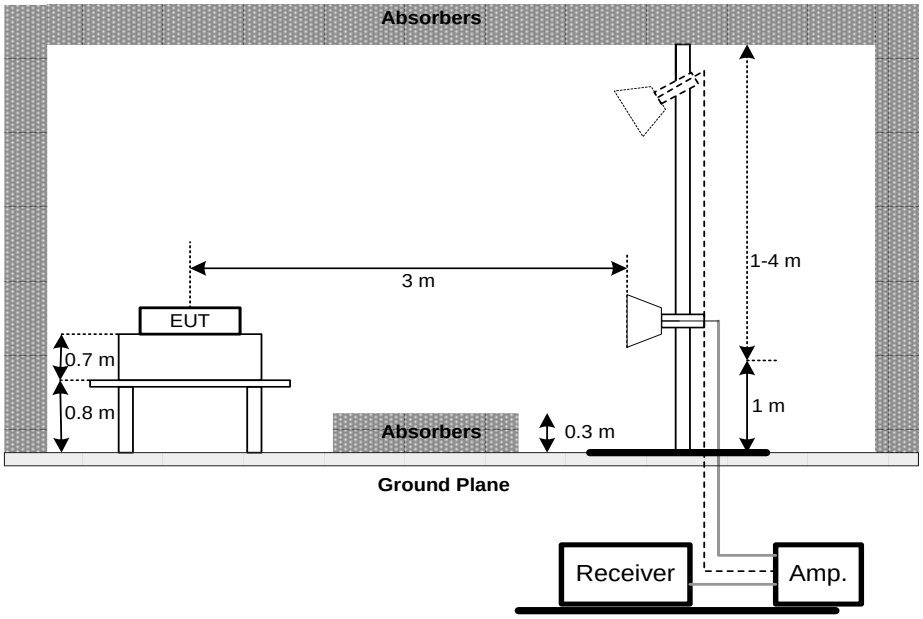
4.2.4 TEST SETUP

(A)Radiated Emission Test Set-Up Frequency Below 1GHz

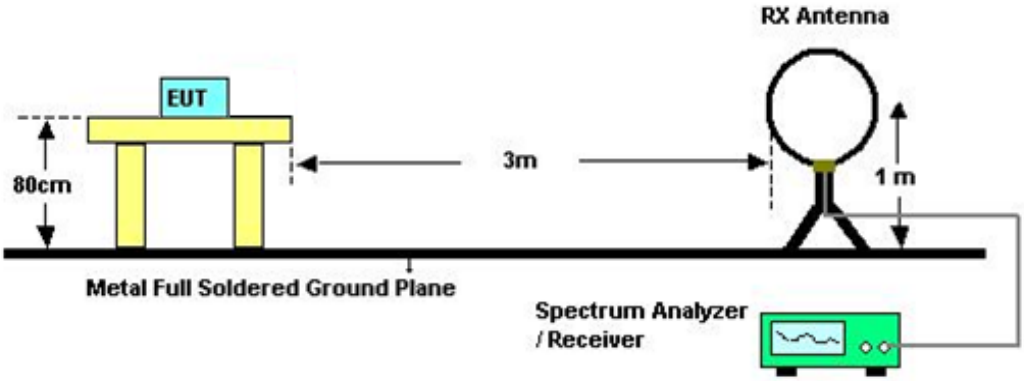


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

Band edge



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

(1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
(2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
(3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

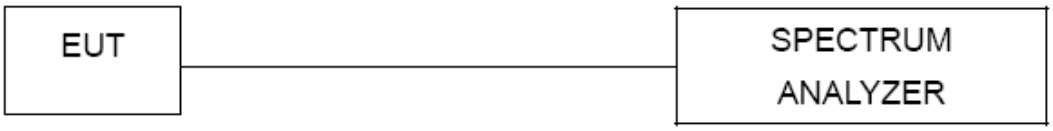
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,

b.

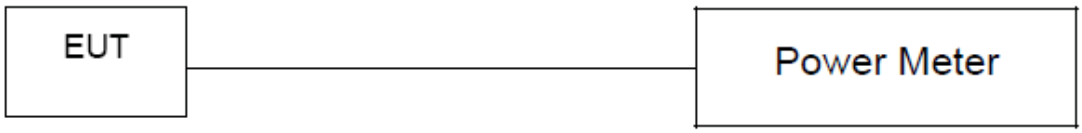
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

c. Test was performed in accordance with method of KDB 789033 D02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5725	PASS
	30dBm/500kHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

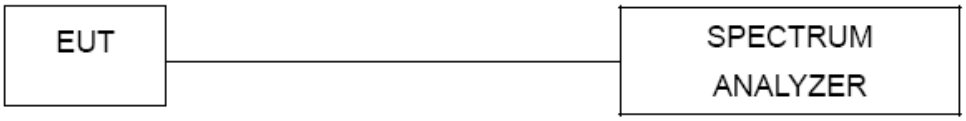
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.4 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5725	PASS
		5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

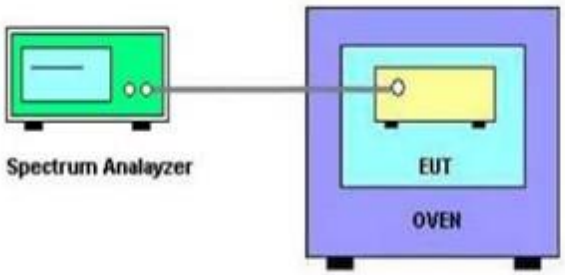
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jan. 24, 2019
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 13, 2019
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 07, 2019
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Preamplifier	EMCI	012645B	980267	Feb. 28, 2018
2	Preamplifier	EMCI	EMC02325	980217	Dec. 27, 2019
3	Preamplifier	EMCI	EMC2654045	980030	Feb. 13, 2019
4	Test Cable	EMCI	EMC104-SM-SM-8000	8m	Jan. 03, 2019
5	Test Cable	EMCI	EMC104-SM-SM-800	150207	Jan. 03, 2019
6	Test Cable	EMCI	EEMC104-SM-SM-3000	151205	Jan. 03, 2019
7	MXE EMI Receiver	Agilent	N9038A	MY55420127	Jan. 08, 2019
8	Signal Analyzer	Agilent	N9010A	MY52220990	Feb. 21, 2019
9	Loop Ant	EMCO	6502	42960	Nov. 23, 2018
10	Horm Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	Feb. 28, 2018
11	Horm Ant	Schwarzbeck	BBHA 9170	187	Dec. 05, 2019
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-548	Jan. 15, 2019
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	Jan. 15, 2019

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018
2	Power Meter	Anritsu	ML2495A	1128008	Aug. 16, 2018
3	Power Sensor	Anritsu	MA2411B	1126001	Aug. 16, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018

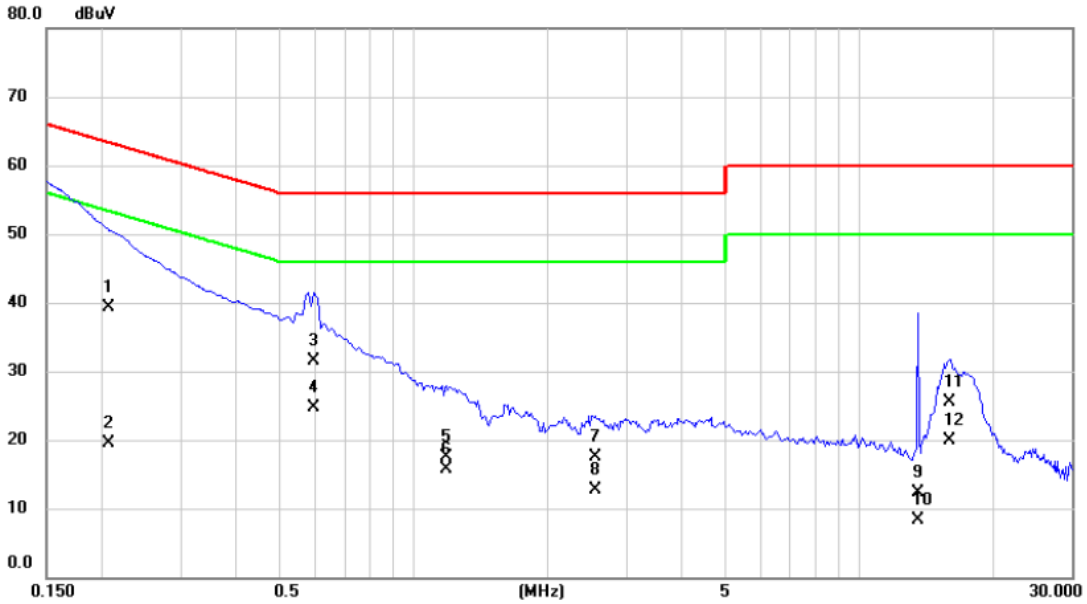
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

APPENDIX A - CONDUCTED EMISSION

Test Mode:	UNII-1/TX Mode

Line

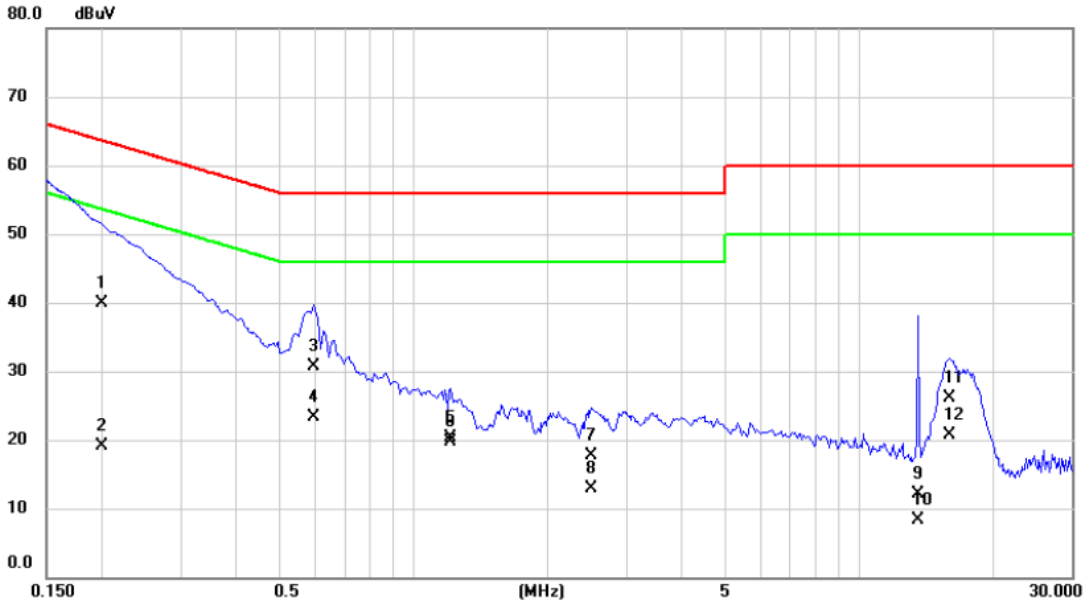


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2067	29.50	9.71	39.21	63.34	-24.13	QP	
2		0.2067	9.80	9.71	19.51	53.34	-33.83	AVG	
3		0.5990	21.70	9.74	31.44	56.00	-24.56	QP	
4	*	0.5990	15.00	9.74	24.74	46.00	-21.26	AVG	
5		1.1840	7.70	9.74	17.44	56.00	-38.56	QP	
6		1.1840	5.90	9.74	15.64	46.00	-30.36	AVG	
7		2.5610	7.70	9.78	17.48	56.00	-38.52	QP	
8		2.5610	2.90	9.78	12.68	46.00	-33.32	AVG	
9		13.5500	2.30	9.98	12.28	60.00	-47.72	QP	
10		13.5500	-1.70	9.98	8.28	50.00	-41.72	AVG	
11		15.9000	15.60	9.98	25.58	60.00	-34.42	QP	
12		15.9000	10.00	9.98	19.98	50.00	-30.02	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode

Neutral

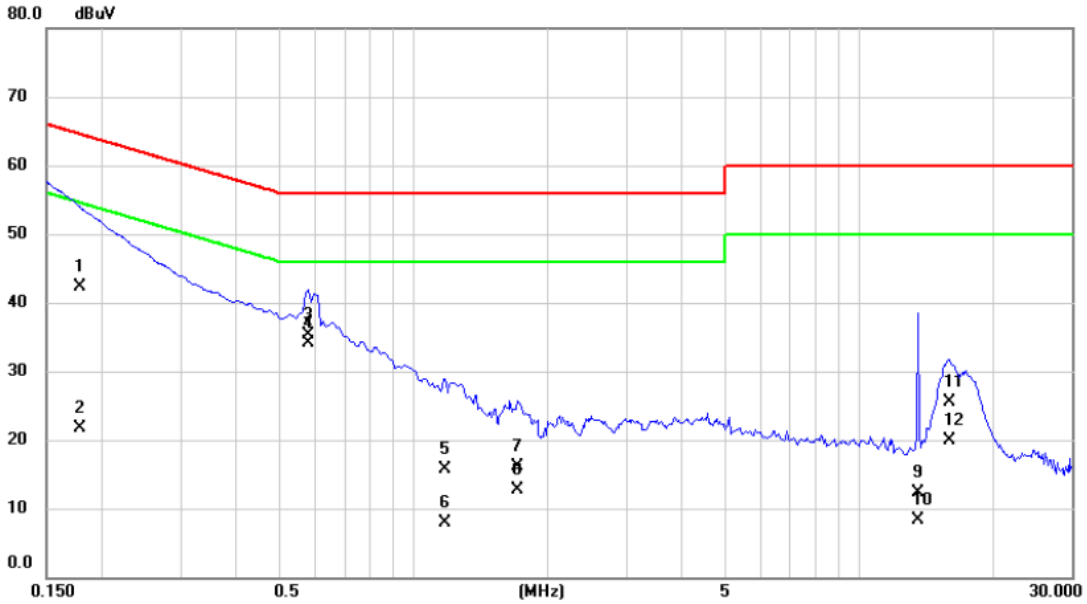


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1997	30.20	9.65	39.85	63.62	-23.77	QP	
2		0.1997	9.50	9.65	19.15	53.62	-34.47	AVG	
3		0.5990	21.10	9.68	30.78	56.00	-25.22	QP	
4	*	0.5990	13.70	9.68	23.38	46.00	-22.62	AVG	
5		1.2110	10.70	9.69	20.39	56.00	-35.61	QP	
6		1.2110	10.00	9.69	19.69	46.00	-26.31	AVG	
7		2.5070	8.00	9.72	17.72	56.00	-38.28	QP	
8		2.5070	3.20	9.72	12.92	46.00	-33.08	AVG	
9		13.5500	2.20	9.98	12.18	60.00	-47.82	QP	
10		13.5500	-1.60	9.98	8.38	50.00	-41.62	AVG	
11		15.9000	16.10	9.99	26.09	60.00	-33.91	QP	
12		15.9000	10.80	9.99	20.79	50.00	-29.21	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode

Line

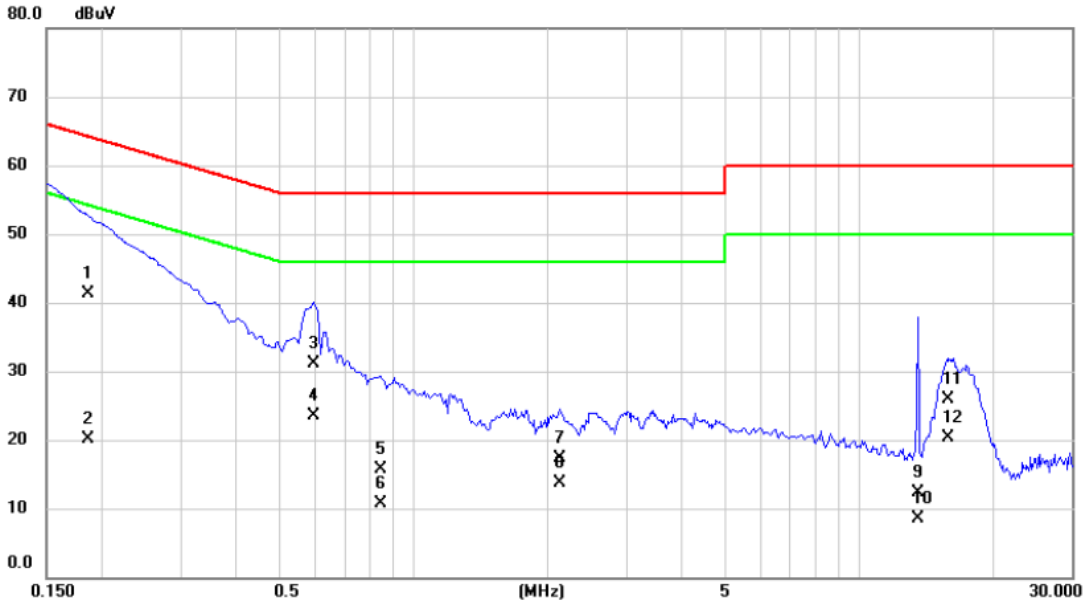


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	32.60	9.72	42.32	64.58	-22.26	QP	
2		0.1780	11.90	9.72	21.62	54.58	-32.96	AVG	
3		0.5810	25.50	9.74	35.24	56.00	-20.76	QP	
4	*	0.5810	24.30	9.74	34.04	46.00	-11.96	AVG	
5		1.1750	5.90	9.74	15.64	56.00	-40.36	QP	
6		1.1750	-1.80	9.74	7.94	46.00	-38.06	AVG	
7		1.7150	6.40	9.76	16.16	56.00	-39.84	QP	
8		1.7150	3.00	9.76	12.76	46.00	-33.24	AVG	
9		13.5500	2.40	9.98	12.38	60.00	-47.62	QP	
10		13.5500	-1.70	9.98	8.28	50.00	-41.72	AVG	
11		15.9000	15.60	9.98	25.58	60.00	-34.42	QP	
12		15.9000	9.90	9.98	19.88	50.00	-30.12	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode

Neutral

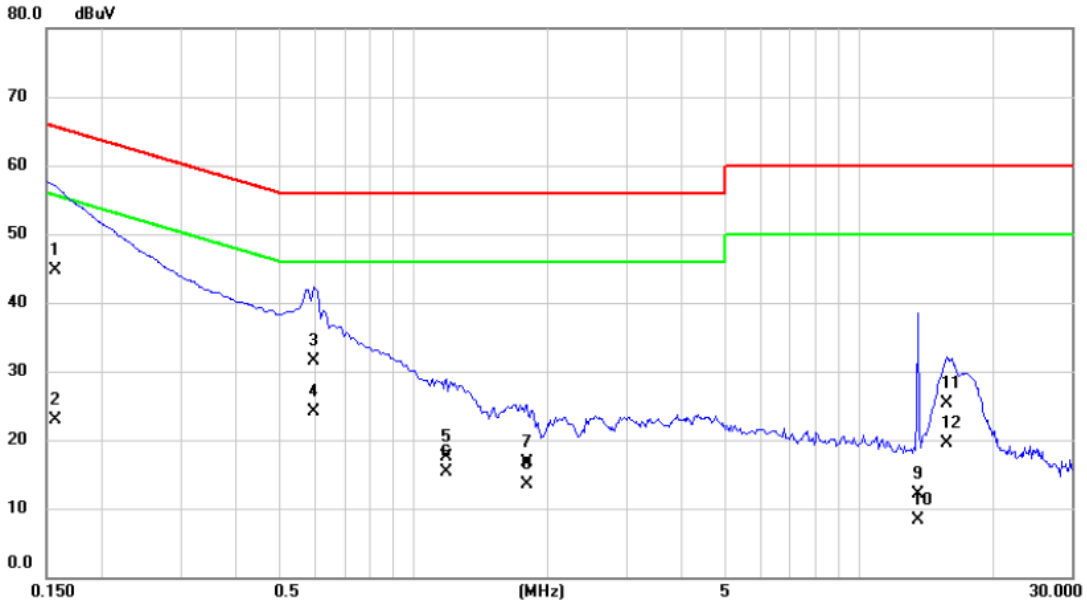


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1857	31.70	9.65	41.35	64.23	-22.88	QP	
2		0.1857	10.40	9.65	20.05	54.23	-34.18	AVG	
3		0.5990	21.50	9.68	31.18	56.00	-24.82	QP	
4	*	0.5990	13.80	9.68	23.48	46.00	-22.52	AVG	
5		0.8420	6.00	9.69	15.69	56.00	-40.31	QP	
6		0.8420	1.10	9.69	10.79	46.00	-35.21	AVG	
7		2.1290	7.50	9.71	17.21	56.00	-38.79	QP	
8		2.1290	4.00	9.71	13.71	46.00	-32.29	AVG	
9		13.5500	2.40	9.98	12.38	60.00	-47.62	QP	
10		13.5500	-1.50	9.98	8.48	50.00	-41.52	AVG	
11		15.8000	16.00	9.99	25.99	60.00	-34.01	QP	
12		15.8000	10.40	9.99	20.39	50.00	-29.61	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode

Line

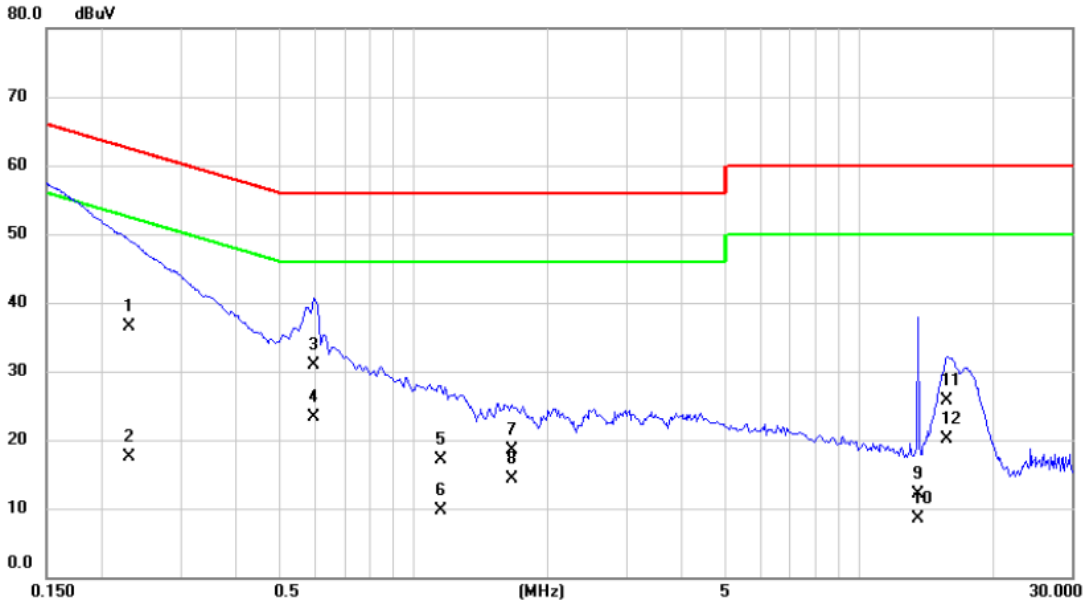


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1570	35.00	9.73	44.73	65.62	-20.89	QP	
2		0.1570	13.20	9.73	22.93	55.62	-32.69	AVG	
3		0.5990	21.70	9.74	31.44	56.00	-24.56	QP	
4		0.5990	14.30	9.74	24.04	46.00	-21.96	AVG	
5		1.1840	7.80	9.74	17.54	56.00	-38.46	QP	
6		1.1840	5.50	9.74	15.24	46.00	-30.76	AVG	
7		1.7960	6.90	9.77	16.67	56.00	-39.33	QP	
8		1.7960	3.70	9.77	13.47	46.00	-32.53	AVG	
9		13.5500	2.20	9.98	12.18	60.00	-47.82	QP	
10		13.5500	-1.70	9.98	8.28	50.00	-41.72	AVG	
11		15.7500	15.30	9.98	25.28	60.00	-34.72	QP	
12		15.7500	9.50	9.98	19.48	50.00	-30.52	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode

Neutral

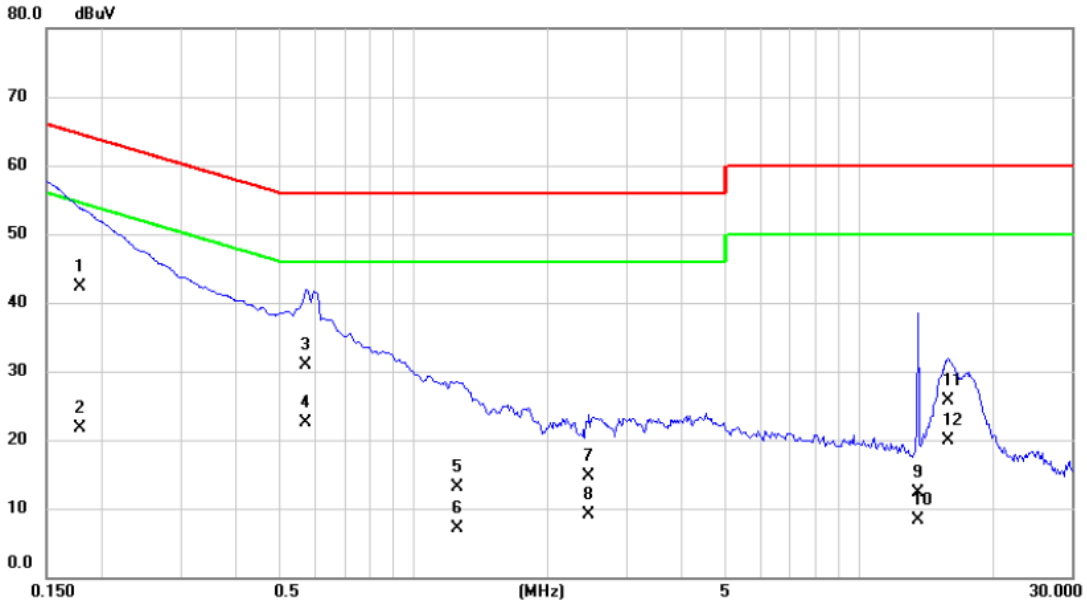


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2305	26.80	9.66	36.46	62.43	-25.97	QP	
2		0.2305	7.80	9.66	17.46	52.43	-34.97	AVG	
3		0.5990	21.20	9.68	30.88	56.00	-25.12	QP	
4	*	0.5990	13.60	9.68	23.28	46.00	-22.72	AVG	
5		1.1480	7.40	9.69	17.09	56.00	-38.91	QP	
6		1.1480	0.10	9.69	9.79	46.00	-36.21	AVG	
7		1.6610	8.70	9.71	18.41	56.00	-37.59	QP	
8		1.6610	4.60	9.71	14.31	46.00	-31.69	AVG	
9		13.5500	2.20	9.98	12.18	60.00	-47.82	QP	
10		13.5500	-1.50	9.98	8.48	50.00	-41.52	AVG	
11		15.7500	15.70	9.99	25.69	60.00	-34.31	QP	
12		15.7500	10.10	9.99	20.09	50.00	-29.91	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode

Line

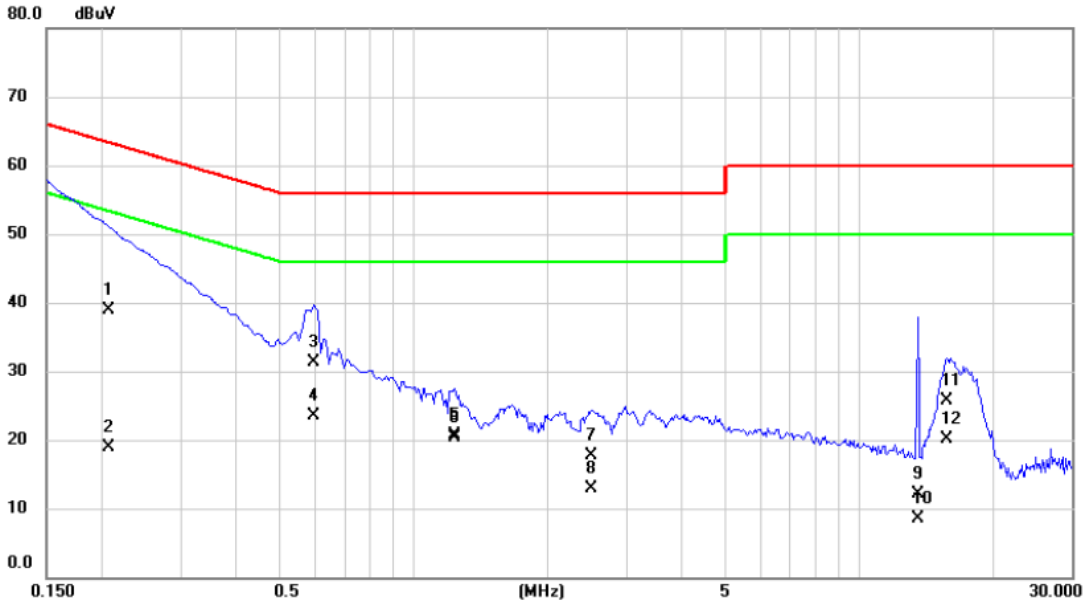


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1780	32.50	9.72	42.22	64.58	-22.36	QP	
2		0.1780	11.90	9.72	21.62	54.58	-32.96	AVG	
3		0.5720	21.20	9.74	30.94	56.00	-25.06	QP	
4		0.5720	12.80	9.74	22.54	46.00	-23.46	AVG	
5		1.2560	3.30	9.75	13.05	56.00	-42.95	QP	
6		1.2560	-2.70	9.75	7.05	46.00	-38.95	AVG	
7		2.4710	4.90	9.78	14.68	56.00	-41.32	QP	
8		2.4710	-0.70	9.78	9.08	46.00	-36.92	AVG	
9		13.5500	2.30	9.98	12.28	60.00	-47.72	QP	
10		13.5500	-1.70	9.98	8.28	50.00	-41.72	AVG	
11		15.8500	15.70	9.98	25.68	60.00	-34.32	QP	
12		15.8500	9.90	9.98	19.88	50.00	-30.12	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode

Neutral

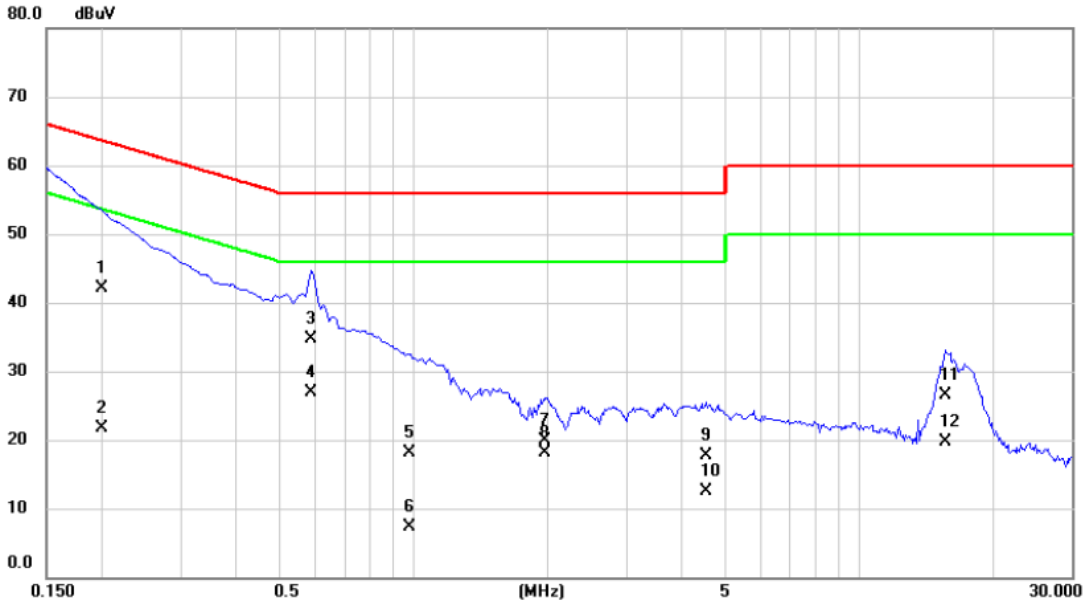


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2074	29.30	9.65	38.95	63.31	-24.36	QP	
2		0.2074	9.30	9.65	18.95	53.31	-34.36	AVG	
3		0.5990	21.60	9.68	31.28	56.00	-24.72	QP	
4	*	0.5990	13.80	9.68	23.48	46.00	-22.52	AVG	
5		1.2380	11.00	9.69	20.69	56.00	-35.31	QP	
6		1.2380	10.60	9.69	20.29	46.00	-25.71	AVG	
7		2.5070	7.90	9.72	17.62	56.00	-38.38	QP	
8		2.5070	3.10	9.72	12.82	46.00	-33.18	AVG	
9		13.5500	2.20	9.98	12.18	60.00	-47.82	QP	
10		13.5500	-1.50	9.98	8.48	50.00	-41.52	AVG	
11		15.7500	15.70	9.99	25.69	60.00	-34.31	QP	
12		15.7500	10.10	9.99	20.09	50.00	-29.91	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode_Desk Docking

Line

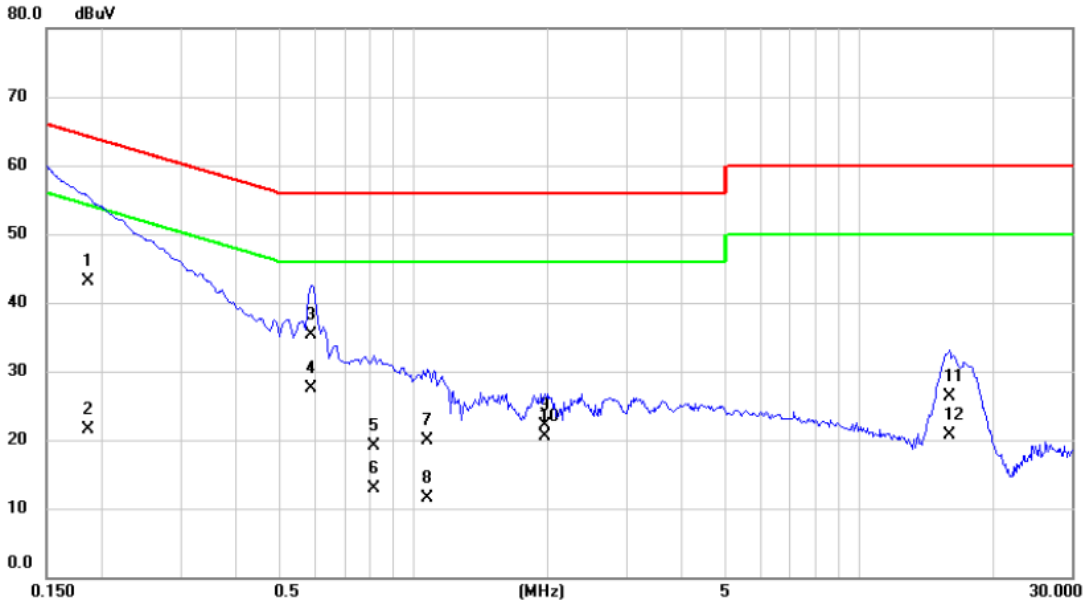


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1990	32.30	9.71	42.01	63.65	-21.64	QP	
2		0.1990	11.90	9.71	21.61	53.65	-32.04	AVG	
3		0.5900	25.00	9.74	34.74	56.00	-21.26	QP	
4	*	0.5900	17.20	9.74	26.94	46.00	-19.06	AVG	
5		0.9770	8.30	9.74	18.04	56.00	-37.96	QP	
6		0.9770	-2.40	9.74	7.34	46.00	-38.66	AVG	
7		1.9670	10.10	9.77	19.87	56.00	-36.13	QP	
8		1.9670	8.40	9.77	18.17	46.00	-27.83	AVG	
9		4.5410	7.90	9.81	17.71	56.00	-38.29	QP	
10		4.5410	2.70	9.81	12.51	46.00	-33.49	AVG	
11		15.6000	16.50	9.98	26.48	60.00	-33.52	QP	
12		15.6000	9.70	9.98	19.68	50.00	-30.32	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode_Desk Docking

Neutral

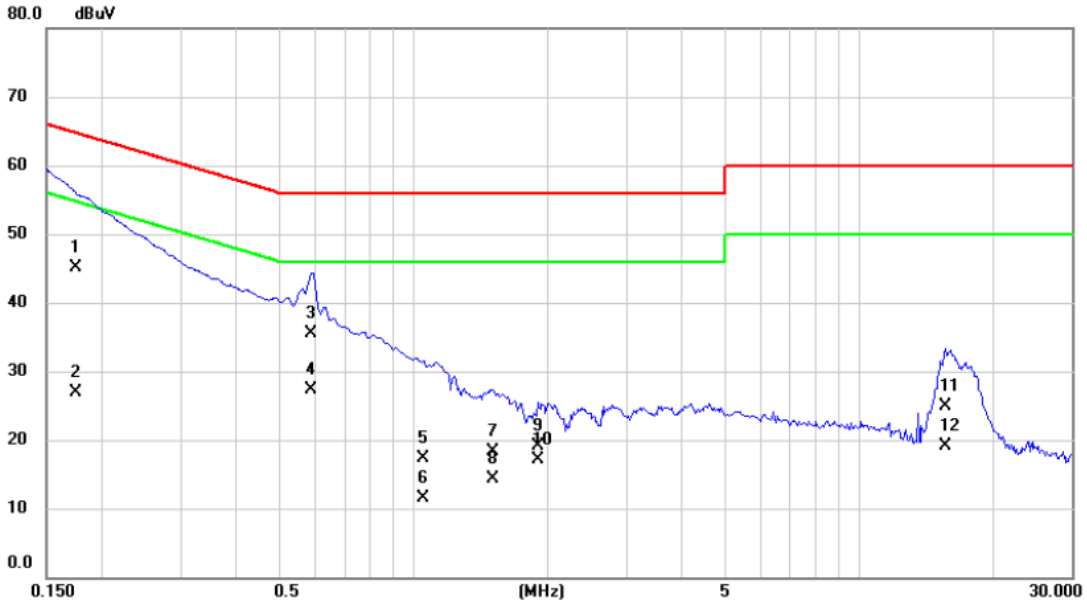


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1864	33.50	9.65	43.15	64.20	-21.05	QP	
2		0.1864	11.80	9.65	21.45	54.20	-32.75	AVG	
3		0.5900	25.60	9.68	35.28	56.00	-20.72	QP	
4	*	0.5900	17.80	9.68	27.48	46.00	-18.52	AVG	
5		0.8150	9.40	9.69	19.09	56.00	-36.91	QP	
6		0.8150	3.20	9.69	12.89	46.00	-33.11	AVG	
7		1.0760	10.30	9.69	19.99	56.00	-36.01	QP	
8		1.0760	1.80	9.69	11.49	46.00	-34.51	AVG	
9		1.9670	12.30	9.71	22.01	56.00	-33.99	QP	
10		1.9670	10.70	9.71	20.41	46.00	-25.59	AVG	
11		15.9500	16.40	9.99	26.39	60.00	-33.61	QP	
12		15.9500	10.70	9.99	20.69	50.00	-29.31	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode_Desk Docking

Line

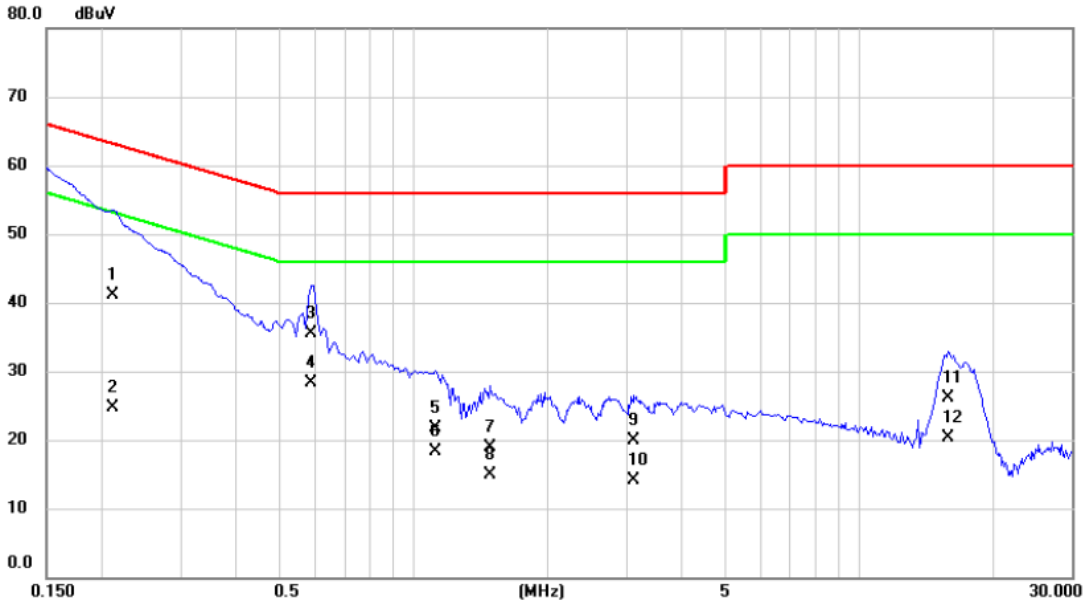


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1751	35.30	9.72	45.02	64.71	-19.69	QP	
2		0.1751	17.20	9.72	26.92	54.71	-27.79	AVG	
3		0.5900	25.70	9.74	35.44	56.00	-20.56	QP	
4	*	0.5900	17.50	9.74	27.24	46.00	-18.76	AVG	
5		1.0490	7.50	9.74	17.24	56.00	-38.76	QP	
6		1.0490	1.70	9.74	11.44	46.00	-34.56	AVG	
7		1.5080	8.61	9.75	18.36	56.00	-37.64	QP	
8		1.5080	4.51	9.75	14.26	46.00	-31.74	AVG	
9		1.8950	9.30	9.77	19.07	56.00	-36.93	QP	
10		1.8950	7.30	9.77	17.07	46.00	-28.93	AVG	
11		15.6500	15.00	9.98	24.98	60.00	-35.02	QP	
12		15.6500	9.20	9.98	19.18	50.00	-30.82	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode_Desk Docking

Neutral

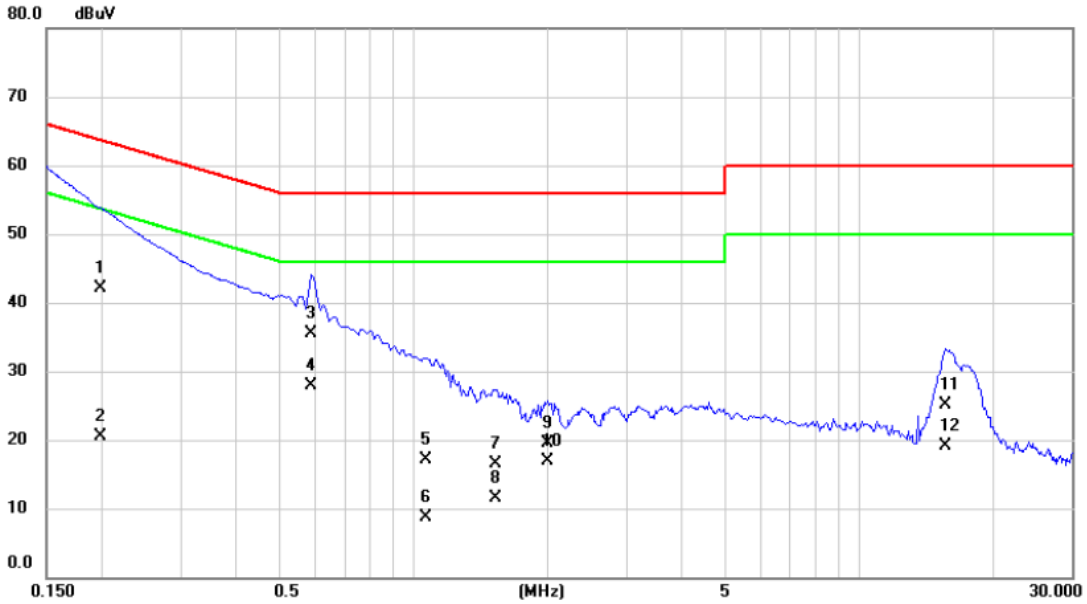


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2116	31.40	9.65	41.05	63.14	-22.09	QP	
2		0.2116	15.00	9.65	24.65	53.14	-28.49	AVG	
3		0.5900	25.90	9.68	35.58	56.00	-20.42	QP	
4	*	0.5900	18.70	9.68	28.38	46.00	-17.62	AVG	
5		1.1210	12.00	9.69	21.69	56.00	-34.31	QP	
6		1.1210	8.70	9.69	18.39	46.00	-27.61	AVG	
7		1.4810	9.30	9.69	18.99	56.00	-37.01	QP	
8		1.4810	5.30	9.69	14.99	46.00	-31.01	AVG	
9		3.1190	10.20	9.74	19.94	56.00	-36.06	QP	
10		3.1190	4.30	9.74	14.04	46.00	-31.96	AVG	
11		15.8500	16.20	9.99	26.19	60.00	-33.81	QP	
12		15.8500	10.30	9.99	20.29	50.00	-29.71	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode_Desk Docking

Line

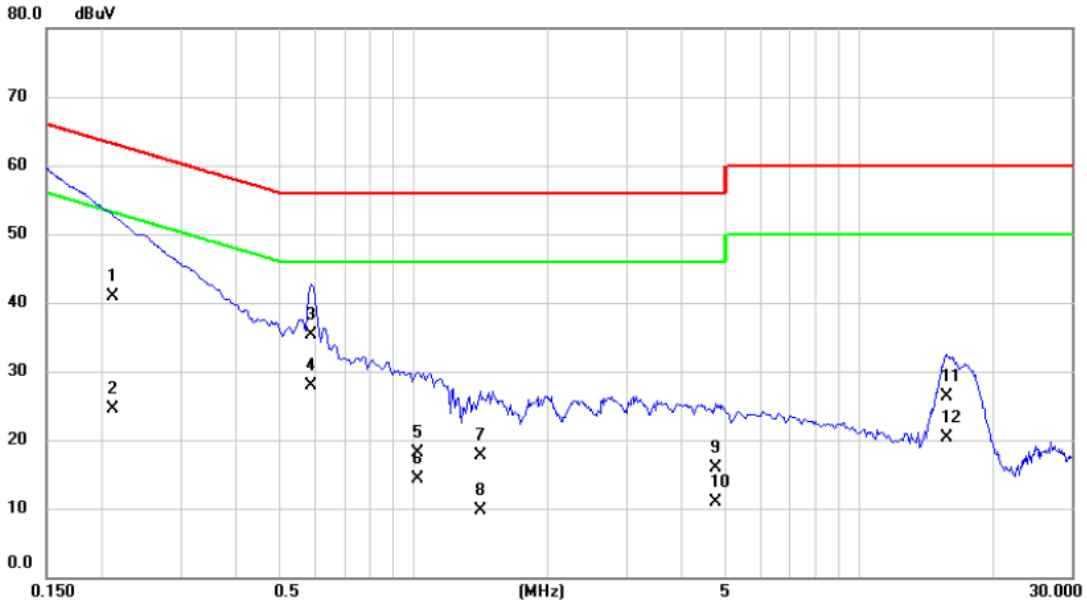


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1976	32.30	9.71	42.01	63.71	-21.70	QP	
2		0.1976	10.70	9.71	20.41	53.71	-33.30	AVG	
3		0.5900	25.70	9.74	35.44	56.00	-20.56	QP	
4	*	0.5900	18.20	9.74	27.94	46.00	-18.06	AVG	
5		1.0670	7.40	9.74	17.14	56.00	-38.86	QP	
6		1.0670	-1.10	9.74	8.64	46.00	-37.36	AVG	
7		1.5260	6.70	9.76	16.46	56.00	-39.54	QP	
8		1.5260	1.80	9.76	11.56	46.00	-34.44	AVG	
9		2.0030	9.70	9.77	19.47	56.00	-36.53	QP	
10		2.0030	7.10	9.77	16.87	46.00	-29.13	AVG	
11		15.6500	15.20	9.98	25.18	60.00	-34.82	QP	
12		15.6500	9.20	9.98	19.18	50.00	-30.82	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode_Desk Docking

Neutral

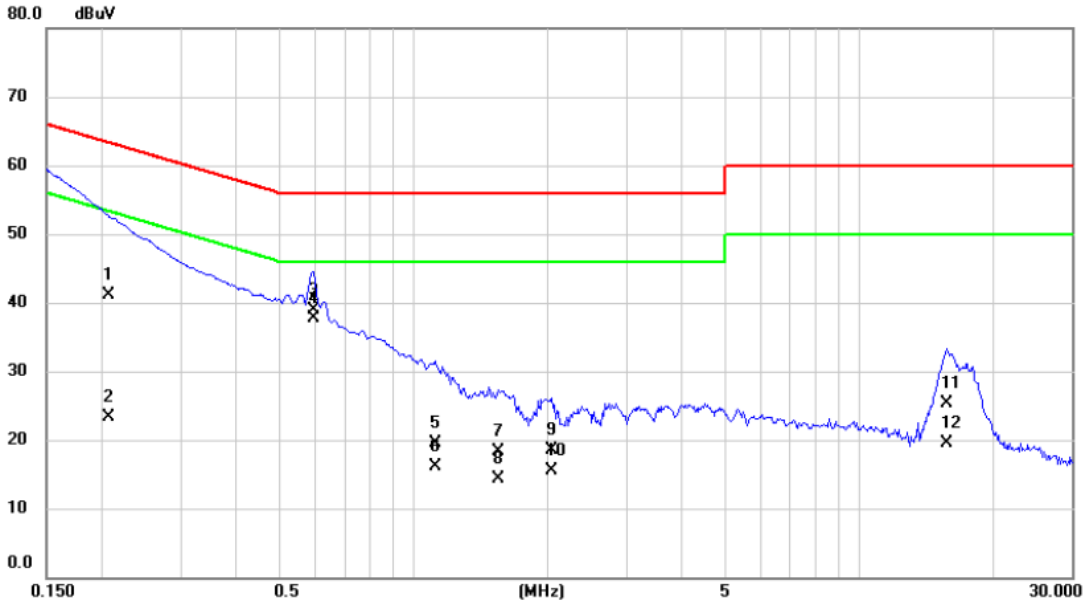


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2110	31.20	9.65	40.85	63.17	-22.32	QP	
2		0.2110	14.80	9.65	24.45	53.17	-28.72	AVG	
3		0.5900	25.70	9.68	35.38	56.00	-20.62	QP	
4	*	0.5900	18.20	9.68	27.88	46.00	-18.12	AVG	
5		1.0220	8.40	9.69	18.09	56.00	-37.91	QP	
6		1.0220	4.60	9.69	14.29	46.00	-31.71	AVG	
7		1.4180	8.10	9.69	17.79	56.00	-38.21	QP	
8		1.4180	0.10	9.69	9.79	46.00	-36.21	AVG	
9		4.7660	6.10	9.79	15.89	56.00	-40.11	QP	
10		4.7660	1.20	9.79	10.99	46.00	-35.01	AVG	
11		15.7000	16.30	9.99	26.29	60.00	-33.71	QP	
12		15.7000	10.30	9.99	20.29	50.00	-29.71	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode_Desk Docking

Line

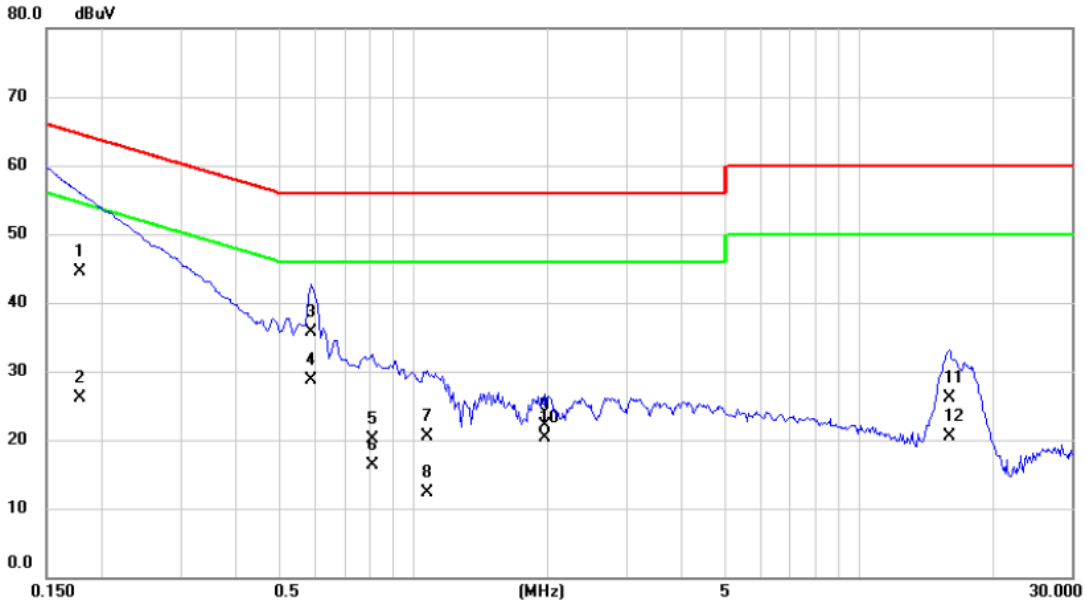


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2067	31.40	9.71	41.11	63.34	-22.23	QP	
2		0.2067	13.50	9.71	23.21	53.34	-30.13	AVG	
3		0.5990	29.20	9.74	38.94	56.00	-17.06	QP	
4	*	0.5990	27.90	9.74	37.64	46.00	-8.36	AVG	
5		1.1210	9.70	9.74	19.44	56.00	-36.56	QP	
6		1.1210	6.40	9.74	16.14	46.00	-29.86	AVG	
7		1.5440	8.60	9.76	18.36	56.00	-37.64	QP	
8		1.5440	4.60	9.76	14.36	46.00	-31.64	AVG	
9		2.0390	8.80	9.77	18.57	56.00	-37.43	QP	
10		2.0390	5.70	9.77	15.47	46.00	-30.53	AVG	
11		15.7500	15.30	9.98	25.28	60.00	-34.72	QP	
12		15.7500	9.50	9.98	19.48	50.00	-30.52	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode_Desk Docking

Neutral

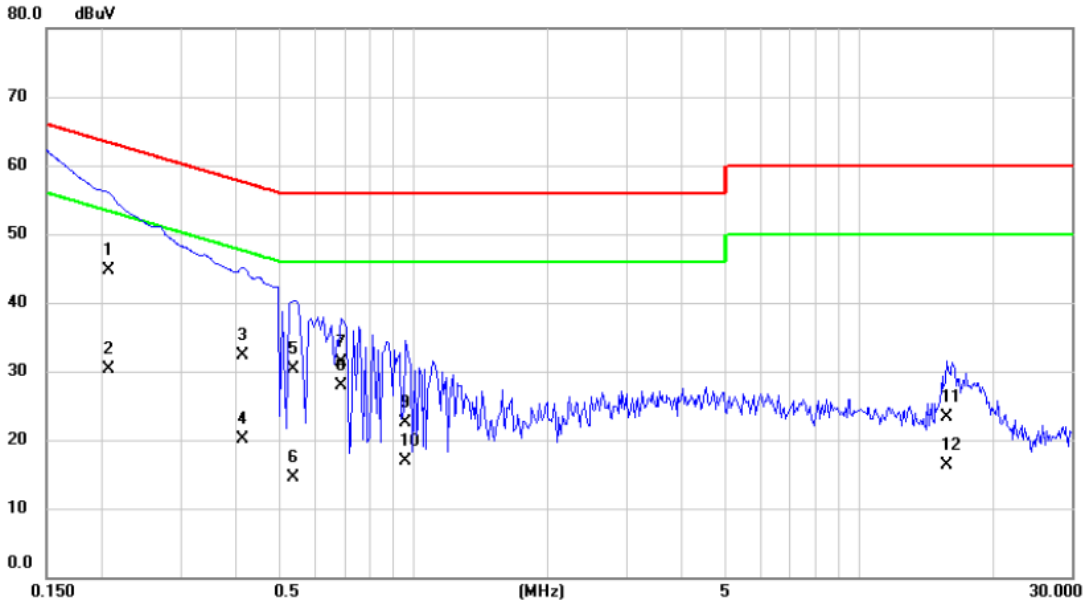


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	34.80	9.65	44.45	64.58	-20.13	QP	
2		0.1780	16.40	9.65	26.05	54.58	-28.53	AVG	
3		0.5900	26.10	9.68	35.78	56.00	-20.22	QP	
4	*	0.5900	19.10	9.68	28.78	46.00	-17.22	AVG	
5		0.8060	10.40	9.69	20.09	56.00	-35.91	QP	
6		0.8060	6.60	9.69	16.29	46.00	-29.71	AVG	
7		1.0760	10.80	9.69	20.49	56.00	-35.51	QP	
8		1.0760	2.60	9.69	12.29	46.00	-33.71	AVG	
9		1.9670	12.30	9.71	22.01	56.00	-33.99	QP	
10		1.9670	10.50	9.71	20.21	46.00	-25.79	AVG	
11		15.9000	16.20	9.99	26.19	60.00	-33.81	QP	
12		15.9000	10.50	9.99	20.49	50.00	-29.51	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode_VESA Docking

Line

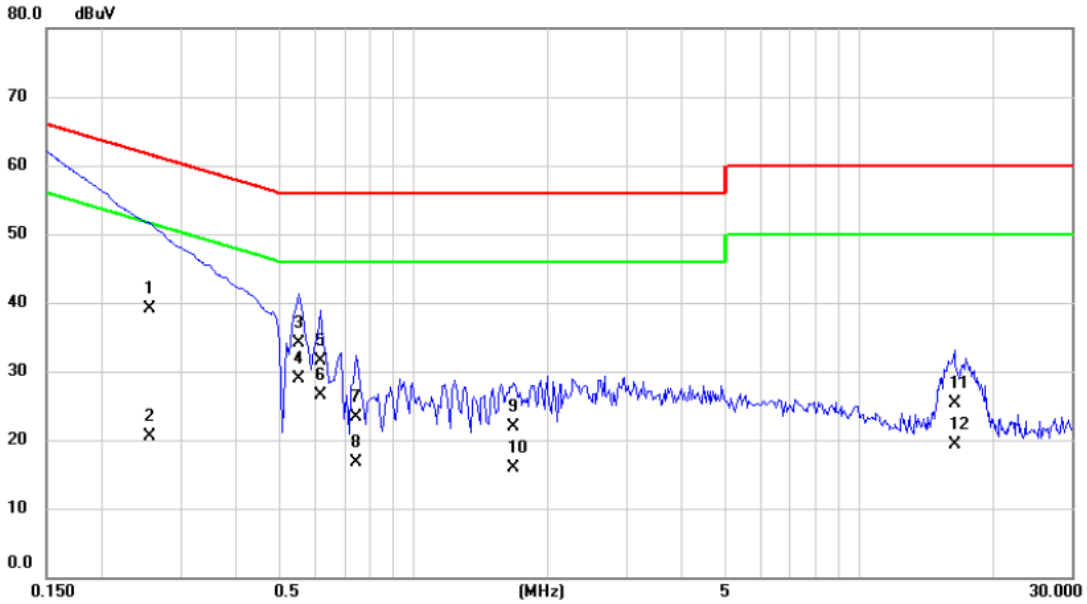


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2067	34.90	9.71	44.61	63.34	-18.73	QP	
2		0.2067	20.60	9.71	30.31	53.34	-23.03	AVG	
3		0.4140	22.60	9.74	32.34	57.57	-25.23	QP	
4		0.4140	10.40	9.74	20.14	47.57	-27.43	AVG	
5		0.5360	20.60	9.74	30.34	56.00	-25.66	QP	
6		0.5360	4.80	9.74	14.54	46.00	-31.46	AVG	
7		0.6890	21.50	9.74	31.24	56.00	-24.76	QP	
8	*	0.6890	18.20	9.74	27.94	46.00	-18.06	AVG	
9		0.9590	12.70	9.74	22.44	56.00	-33.56	QP	
10		0.9590	7.10	9.74	16.84	46.00	-29.16	AVG	
11		15.7000	13.40	9.98	23.38	60.00	-36.62	QP	
12		15.7000	6.30	9.98	16.28	50.00	-33.72	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode_VESA Docking

Neutral

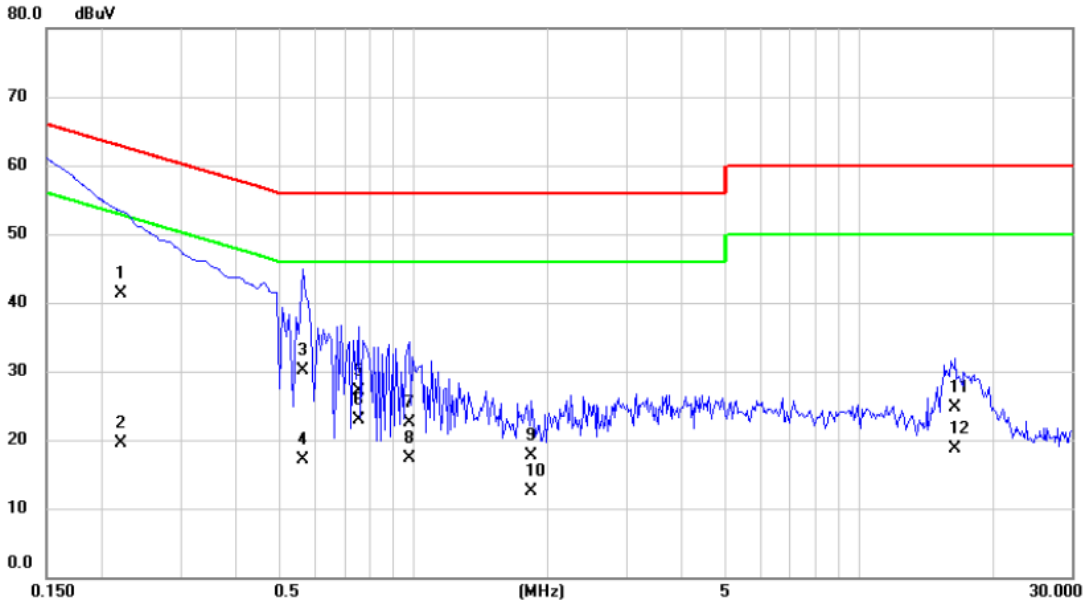


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2550	29.50	9.67	39.17	61.59	-22.42	QP	
2		0.2550	10.80	9.67	20.47	51.59	-31.12	AVG	
3		0.5540	24.40	9.68	34.08	56.00	-21.92	QP	
4	*	0.5540	19.20	9.68	28.88	46.00	-17.12	AVG	
5		0.6170	21.90	9.68	31.58	56.00	-24.42	QP	
6		0.6170	16.80	9.68	26.48	46.00	-19.52	AVG	
7		0.7430	13.60	9.69	23.29	56.00	-32.71	QP	
8		0.7430	7.10	9.69	16.79	46.00	-29.21	AVG	
9		1.6790	12.10	9.71	21.81	56.00	-34.19	QP	
10		1.6790	6.10	9.71	15.81	46.00	-30.19	AVG	
11		16.3500	15.30	10.00	25.30	60.00	-34.70	QP	
12		16.3500	9.40	10.00	19.40	50.00	-30.60	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode_VESA Docking

Line

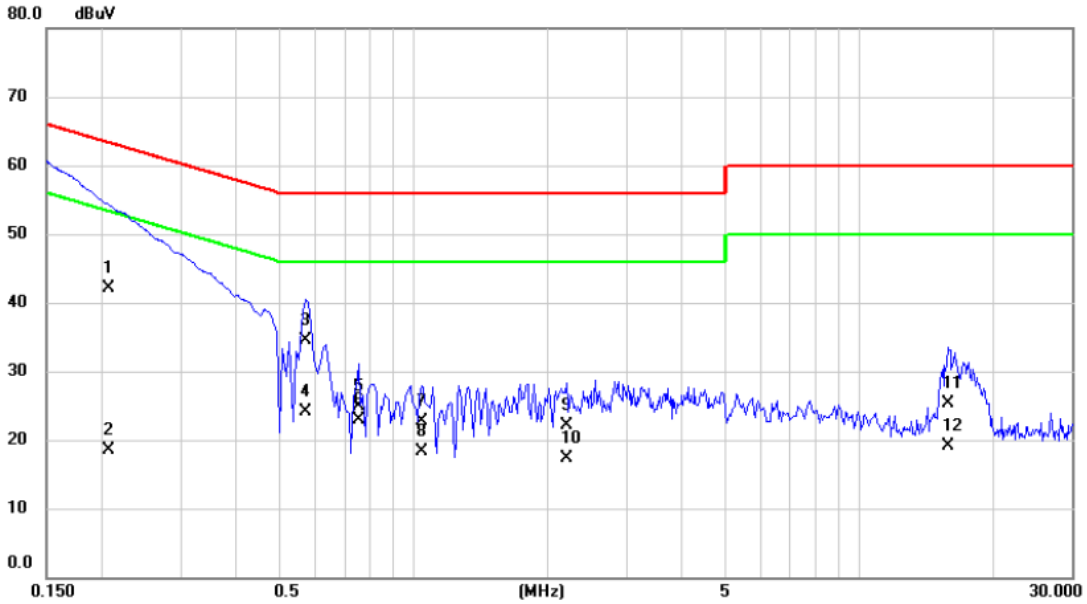


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2200	31.50	9.72	41.22	62.82	-21.60	QP	
2		0.2200	9.80	9.72	19.52	52.82	-33.30	AVG	
3		0.5630	20.40	9.74	30.14	56.00	-25.86	QP	
4		0.5630	7.40	9.74	17.14	46.00	-28.86	AVG	
5		0.7520	17.30	9.74	27.04	56.00	-28.96	QP	
6		0.7520	13.20	9.74	22.94	46.00	-23.06	AVG	
7		0.9770	12.70	9.74	22.44	56.00	-33.56	QP	
8		0.9770	7.60	9.74	17.34	46.00	-28.66	AVG	
9		1.8410	8.00	9.77	17.77	56.00	-38.23	QP	
10		1.8410	2.80	9.77	12.57	46.00	-33.43	AVG	
11		16.4500	14.70	9.98	24.68	60.00	-35.32	QP	
12		16.4500	8.80	9.98	18.78	50.00	-31.22	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode_VESA Docking

Neutral

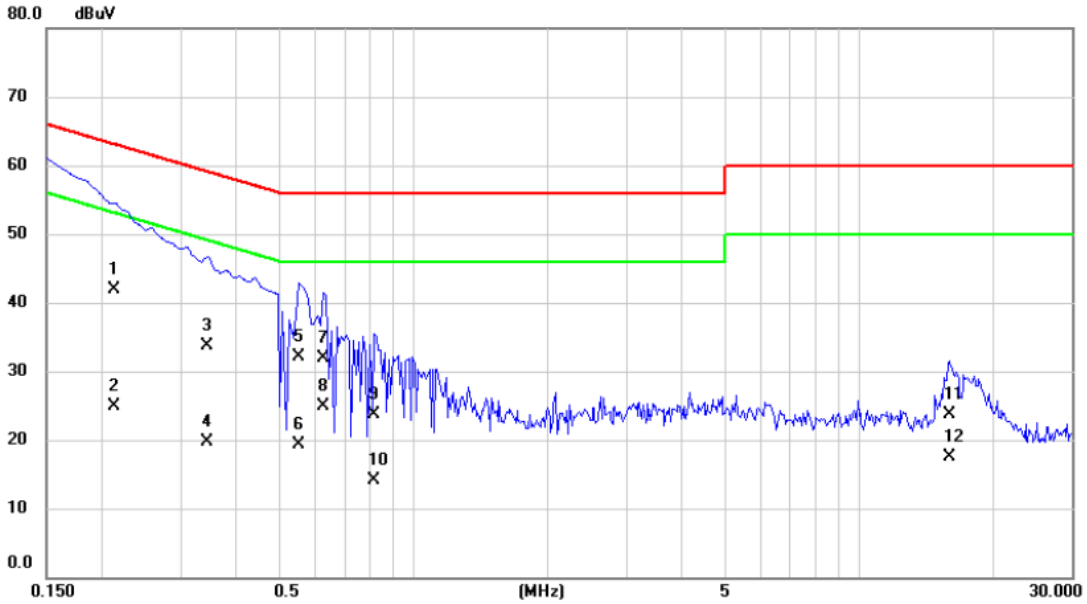


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2074	32.50	9.65	42.15	63.31	-21.16	QP	
2		0.2074	8.80	9.65	18.45	53.31	-34.86	AVG	
3		0.5720	24.90	9.68	34.58	56.00	-21.42	QP	
4		0.5720	14.50	9.68	24.18	46.00	-21.82	AVG	
5		0.7520	15.20	9.69	24.89	56.00	-31.11	QP	
6		0.7520	13.20	9.69	22.89	46.00	-23.11	AVG	
7		1.0400	13.10	9.69	22.79	56.00	-33.21	QP	
8		1.0400	8.60	9.69	18.29	46.00	-27.71	AVG	
9		2.2100	12.30	9.71	22.01	56.00	-33.99	QP	
10		2.2100	7.50	9.71	17.21	46.00	-28.79	AVG	
11		15.8000	15.40	9.99	25.39	60.00	-34.61	QP	
12		15.8000	9.10	9.99	19.09	50.00	-30.91	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode_VESA Docking

Line

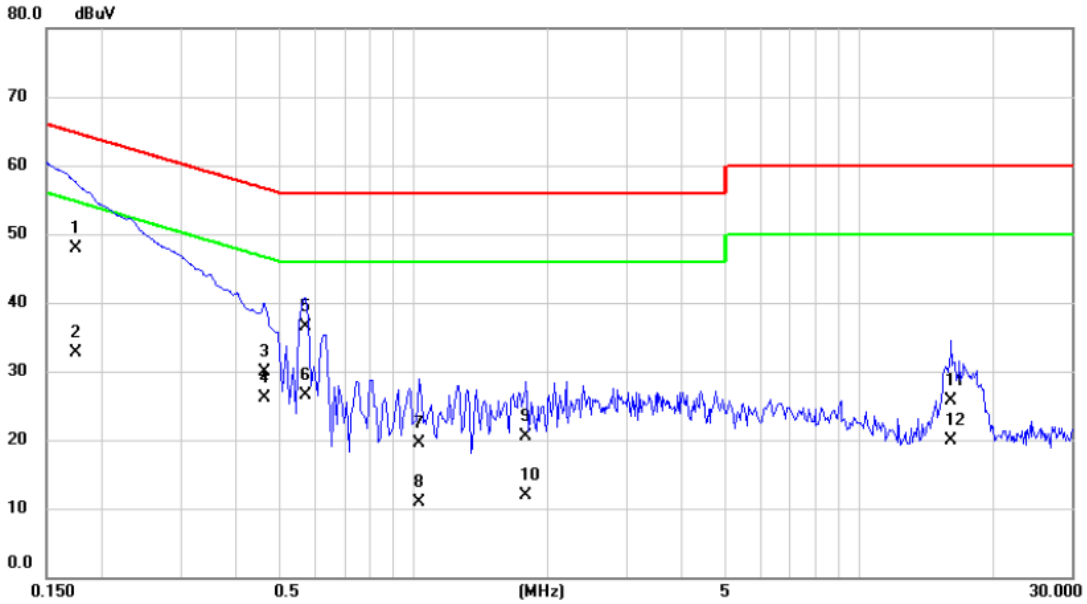


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2130	32.20	9.71	41.91	63.09	-21.18	QP	
2		0.2130	15.10	9.71	24.81	53.09	-28.28	AVG	
3		0.3446	24.00	9.73	33.73	59.09	-25.36	QP	
4		0.3446	10.00	9.73	19.73	49.09	-29.36	AVG	
5		0.5540	22.40	9.74	32.14	56.00	-23.86	QP	
6		0.5540	9.50	9.74	19.24	46.00	-26.76	AVG	
7		0.6260	22.10	9.74	31.84	56.00	-24.16	QP	
8	*	0.6260	15.20	9.74	24.94	46.00	-21.06	AVG	
9		0.8150	14.00	9.74	23.74	56.00	-32.26	QP	
10		0.8150	4.40	9.74	14.14	46.00	-31.86	AVG	
11		15.9000	13.80	9.98	23.78	60.00	-36.22	QP	
12		15.9000	7.60	9.98	17.58	50.00	-32.42	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode_VESA Docking

Neutral

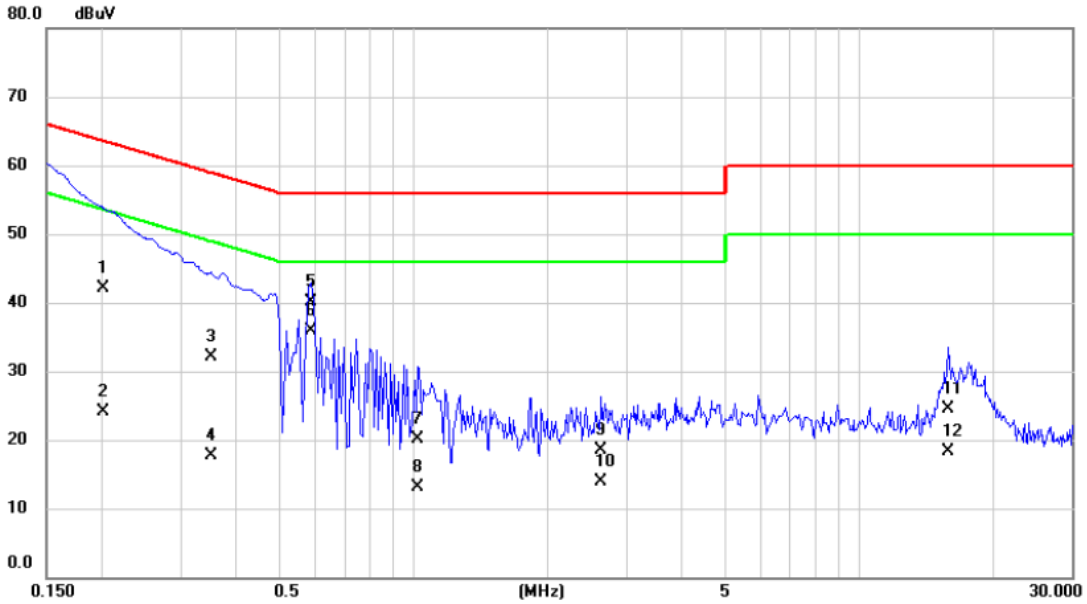


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1751	38.20	9.65	47.85	64.71	-16.86	QP	
2		0.1751	23.00	9.65	32.65	54.71	-22.06	AVG	
3		0.4622	20.20	9.68	29.88	56.65	-26.77	QP	
4		0.4622	16.40	9.68	26.08	46.65	-20.57	AVG	
5		0.5720	26.80	9.68	36.48	56.00	-19.52	QP	
6		0.5720	16.80	9.68	26.48	46.00	-19.52	AVG	
7		1.0310	9.90	9.69	19.59	56.00	-36.41	QP	
8		1.0310	1.30	9.69	10.99	46.00	-35.01	AVG	
9		1.7870	10.80	9.71	20.51	56.00	-35.49	QP	
10		1.7870	2.10	9.71	11.81	46.00	-34.19	AVG	
11		16.1000	15.80	9.99	25.79	60.00	-34.21	QP	
12		16.1000	9.90	9.99	19.89	50.00	-30.11	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode_VESA Docking

Line

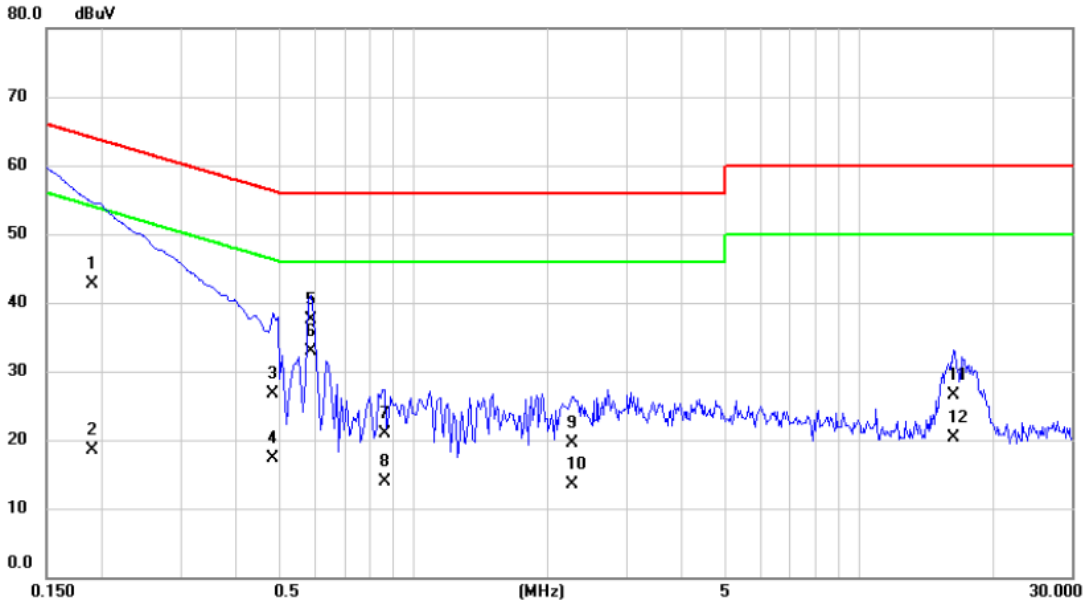


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2017	32.30	9.71	42.01	63.54	-21.53	QP	
2		0.2017	14.40	9.71	24.11	53.54	-29.43	AVG	
3		0.3523	22.30	9.73	32.03	58.91	-26.88	QP	
4		0.3523	7.90	9.73	17.63	48.91	-31.28	AVG	
5		0.5900	30.30	9.74	40.04	56.00	-15.96	QP	
6	*	0.5900	26.20	9.74	35.94	46.00	-10.06	AVG	
7		1.0220	10.30	9.74	20.04	56.00	-35.96	QP	
8		1.0220	3.30	9.74	13.04	46.00	-32.96	AVG	
9		2.6330	8.80	9.78	18.58	56.00	-37.42	QP	
10		2.6330	4.10	9.78	13.88	46.00	-32.12	AVG	
11		15.8500	14.50	9.98	24.48	60.00	-35.52	QP	
12		15.8500	8.30	9.98	18.28	50.00	-31.72	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode_VESA Docking

Neutral



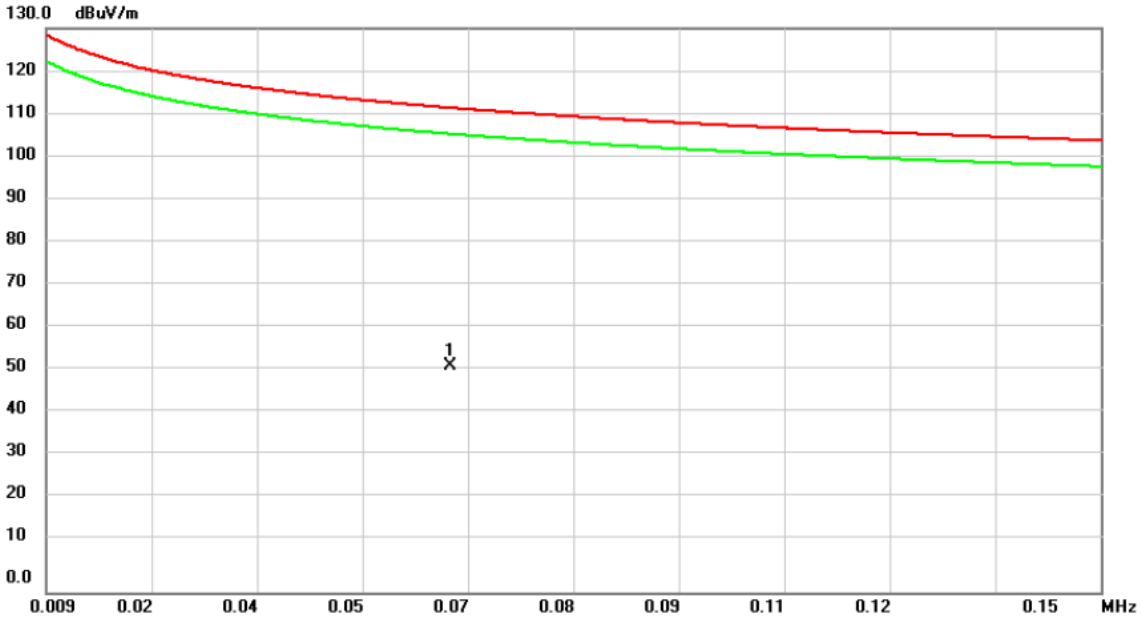
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1906	33.10	9.65	42.75	64.01	-21.26	QP	
2		0.1906	8.90	9.65	18.55	54.01	-35.46	AVG	
3		0.4846	17.10	9.68	26.78	56.26	-29.48	QP	
4		0.4846	7.60	9.68	17.28	46.26	-28.98	AVG	
5		0.5900	27.90	9.68	37.58	56.00	-18.42	QP	
6	*	0.5900	23.30	9.68	32.98	46.00	-13.02	AVG	
7		0.8600	11.20	9.69	20.89	56.00	-35.11	QP	
8		0.8600	4.30	9.69	13.99	46.00	-32.01	AVG	
9		2.2640	9.80	9.72	19.52	56.00	-36.48	QP	
10		2.2640	3.80	9.72	13.52	46.00	-32.48	AVG	
11		16.2500	16.60	9.99	26.59	60.00	-33.41	QP	
12		16.2500	10.40	9.99	20.39	50.00	-29.61	AVG	

Note：The test result has included the cable loss.

APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode:	UNII-1/TX Mode

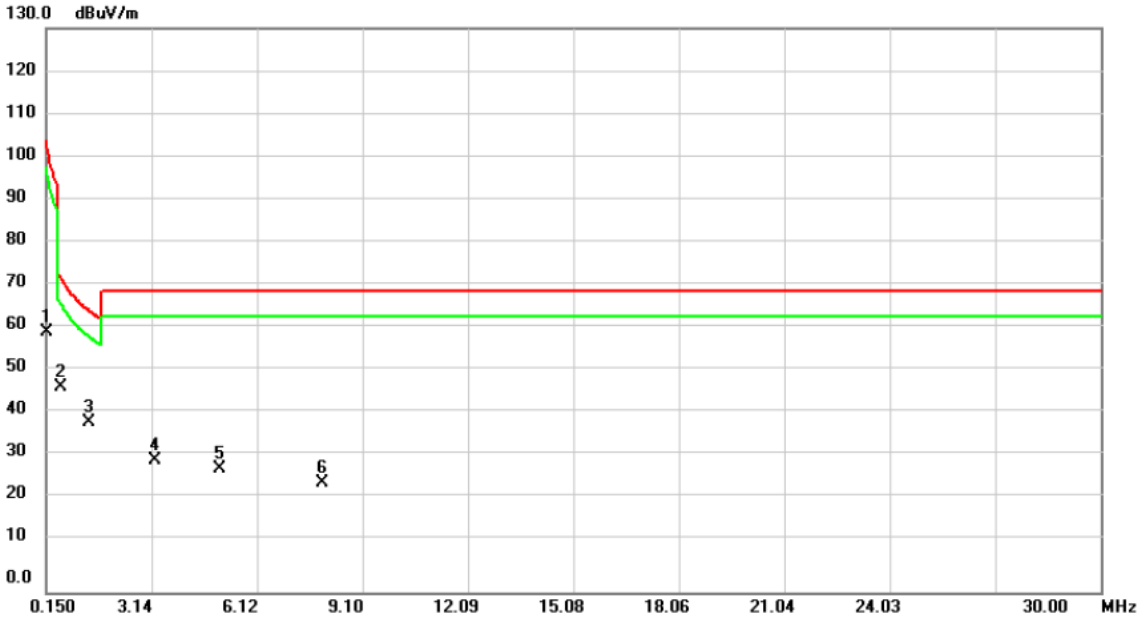
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0630	39.39	12.77	52.16	111.62	-59.46	peak	

Test Mode:	UNII-1/TX Mode

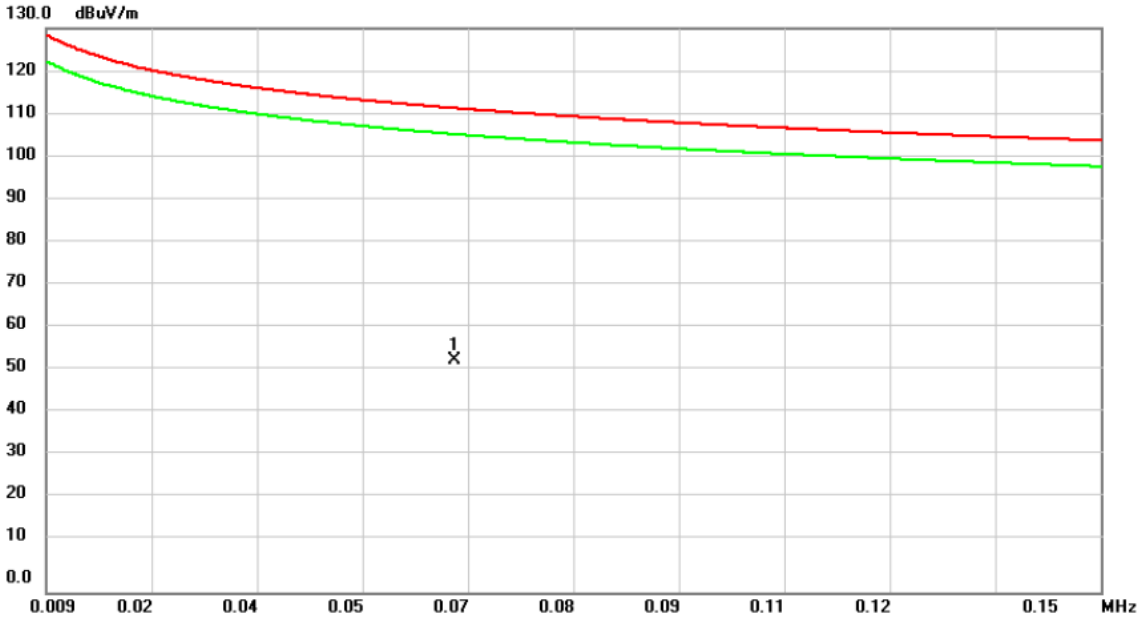
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5675	35.40	11.83	47.23	72.52	-25.29	peak	
3		1.3440	27.36	11.85	39.21	65.04	-25.83	peak	
4		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
5		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
6		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	

Test Mode:	UNII-1/TX Mode

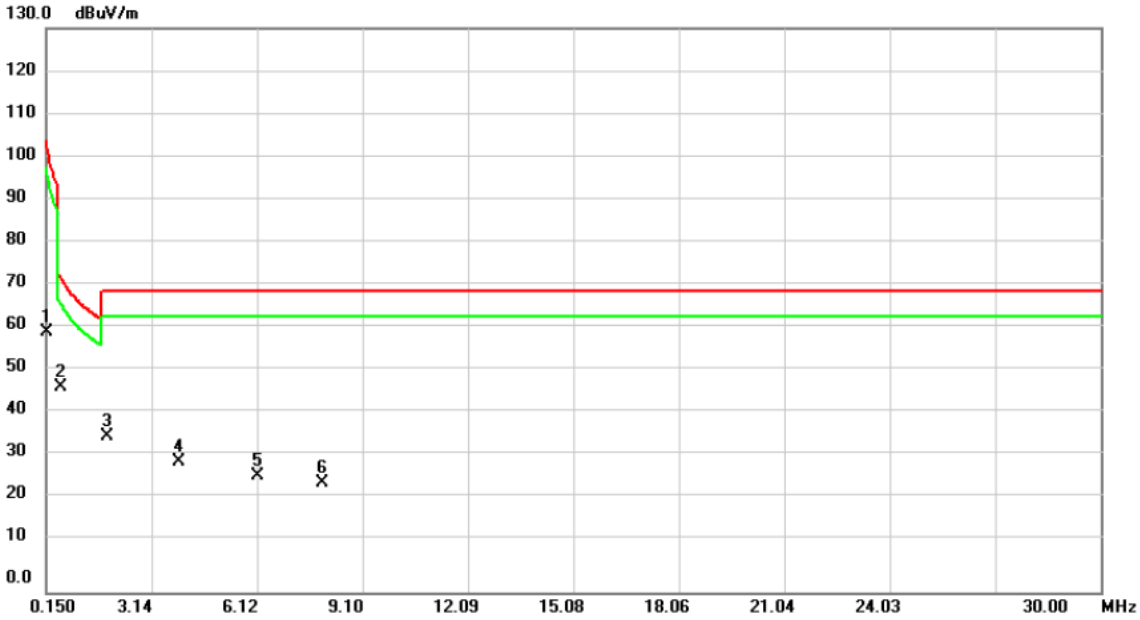
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0637	40.61	12.75	53.36	111.52	-58.16	peak	

Test Mode:	UNII-1/TX Mode

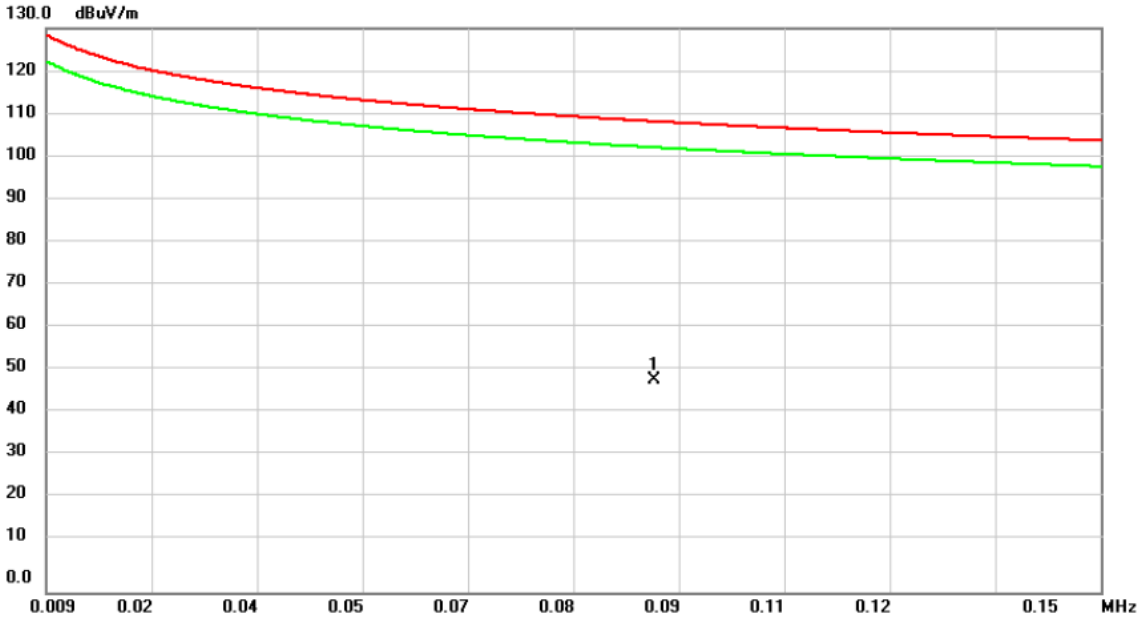
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5675	35.40	11.83	47.23	72.52	-25.29	peak	
3		1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
4		3.9110	18.67	11.24	29.91	69.54	-39.63	peak	
5		6.1497	15.55	11.38	26.93	69.54	-42.61	peak	
6		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	

Test Mode:	UNII-2A/TX Mode

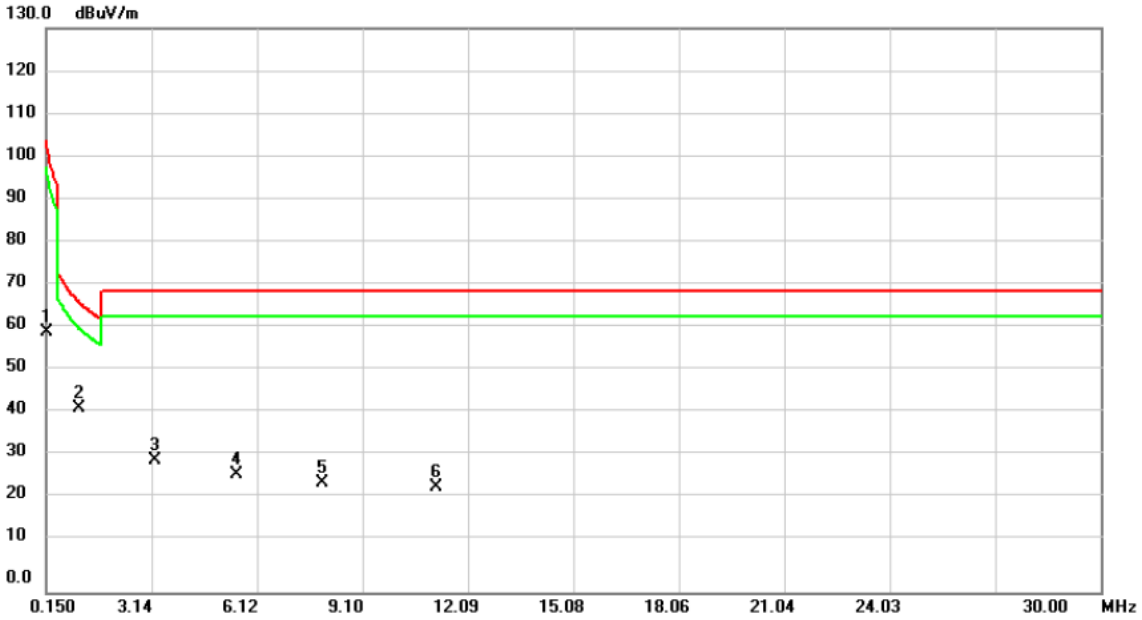
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0903	36.62	12.27	48.89	108.49	-59.60	peak	

Test Mode:	UNII-2A/TX Mode

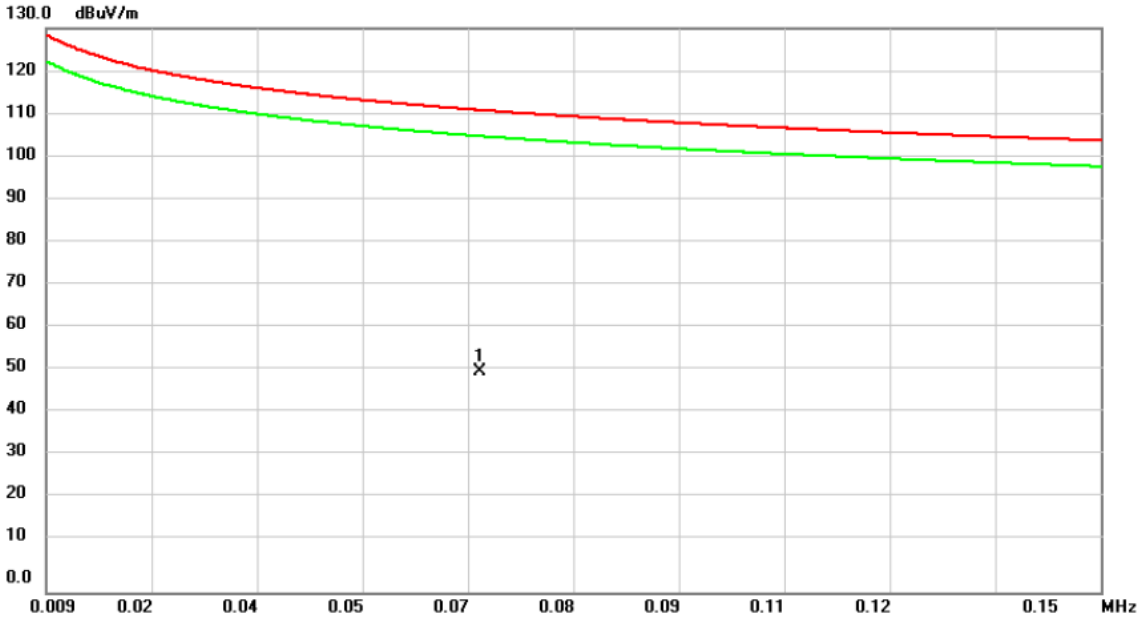
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.0750	30.36	11.97	42.33	66.98	-24.65	peak	
3		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
4		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
5		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2A/TX Mode

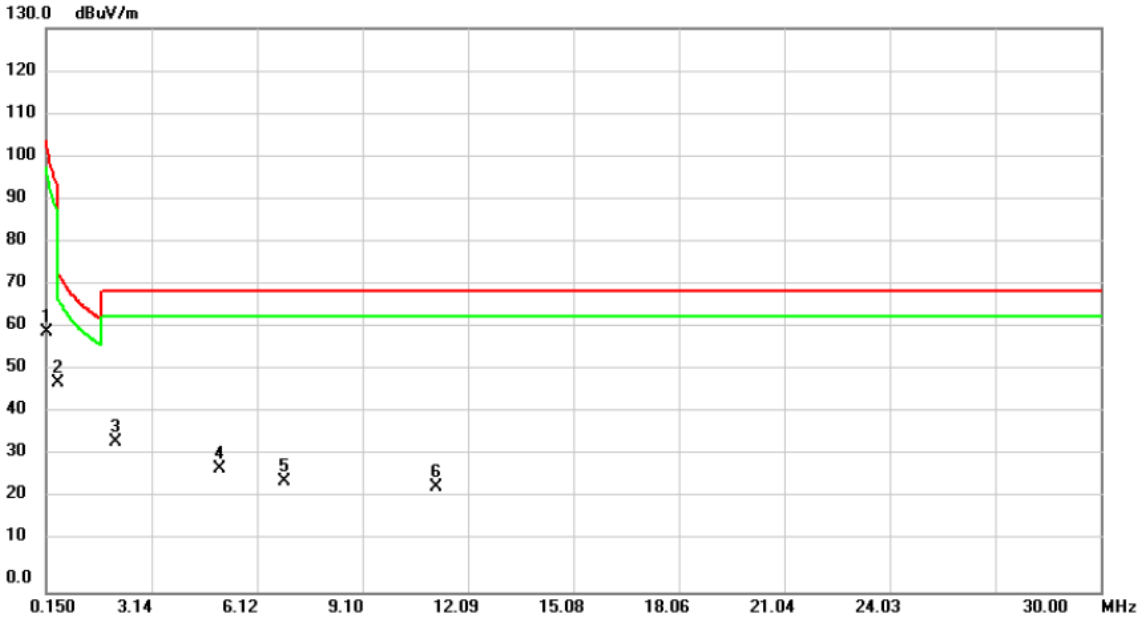
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0670	38.04	12.69	50.73	111.08	-60.35	peak	

Test Mode:	UNII-2A/TX Mode

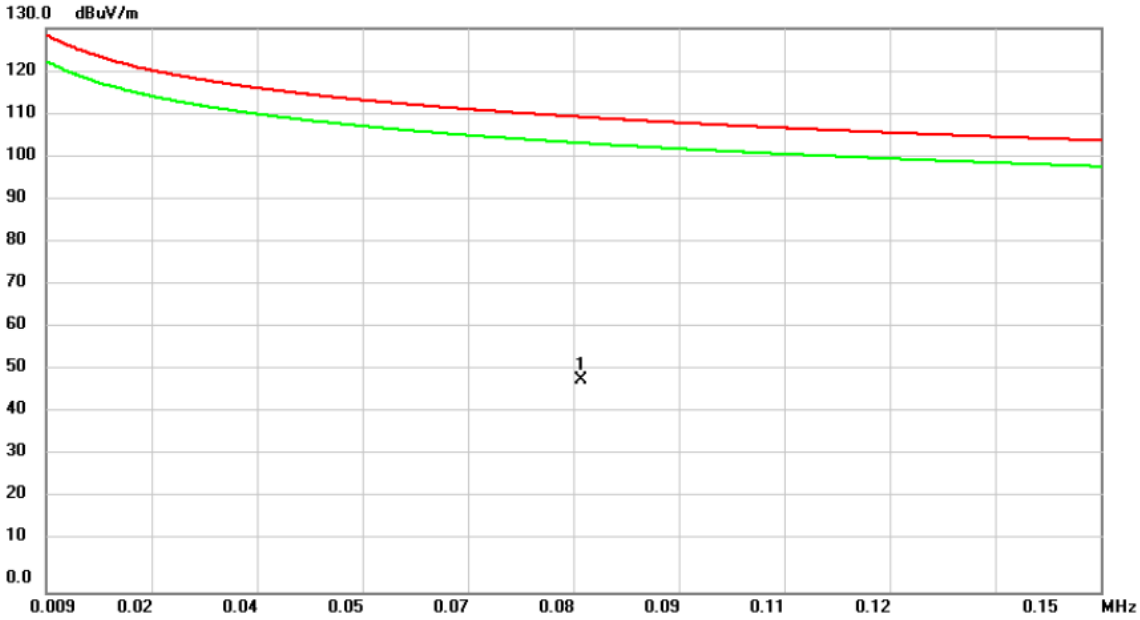
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5080	36.55	11.80	48.35	73.49	-25.14	peak	
3		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	
4		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
5		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2C/TX Mode

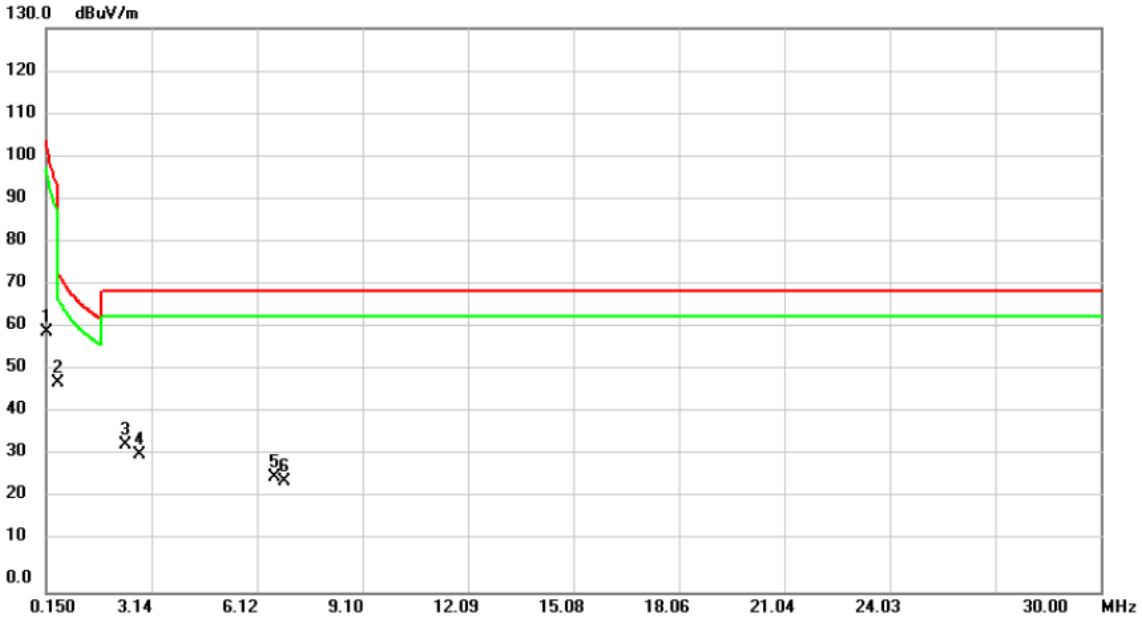
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0805	36.62	12.45	49.07	109.49	-60.42	peak	

Test Mode:	UNII-2C/TX Mode

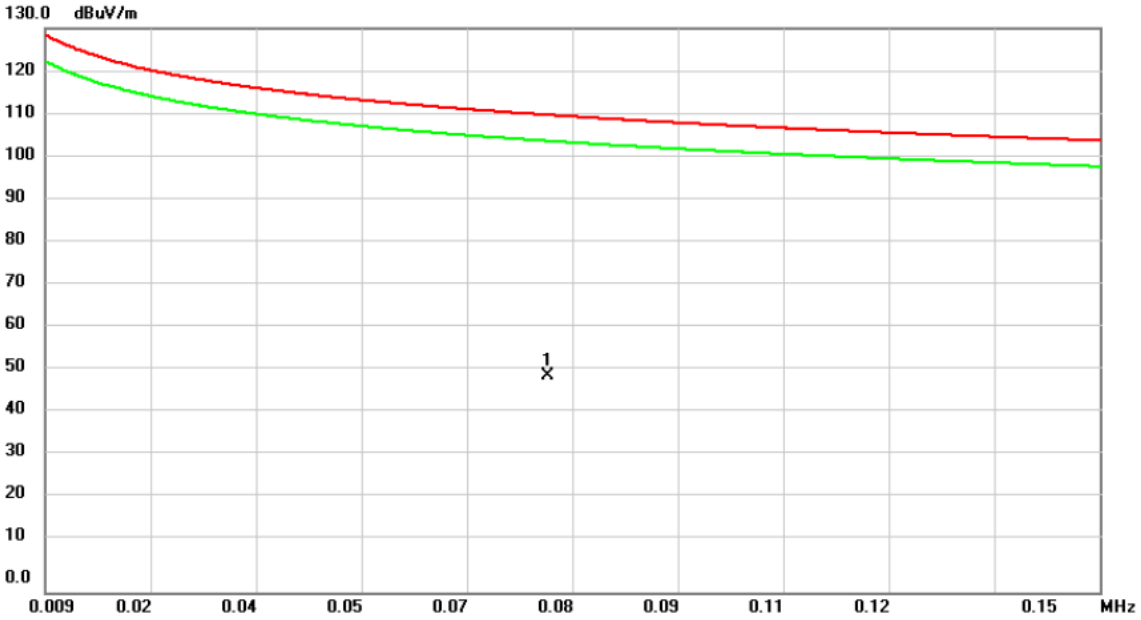
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5080	36.55	11.80	48.35	73.49	-25.14	peak	
3		2.3887	22.56	11.38	33.94	69.54	-35.60	peak	
4		2.8065	20.46	11.19	31.65	69.54	-37.89	peak	
5		6.6272	15.26	11.37	26.63	69.54	-42.91	peak	
6		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	

Test Mode:	UNII-2C/TX Mode

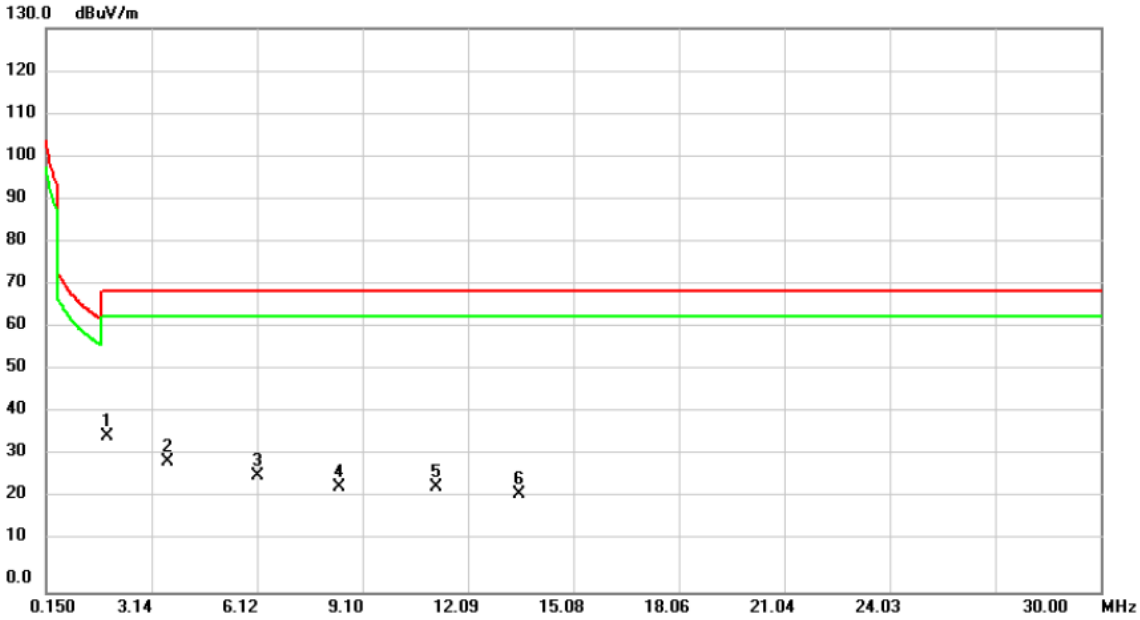
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0763	37.36	12.53	49.89	109.95	-60.06	peak	

Test Mode:	UNII-2C/TX Mode

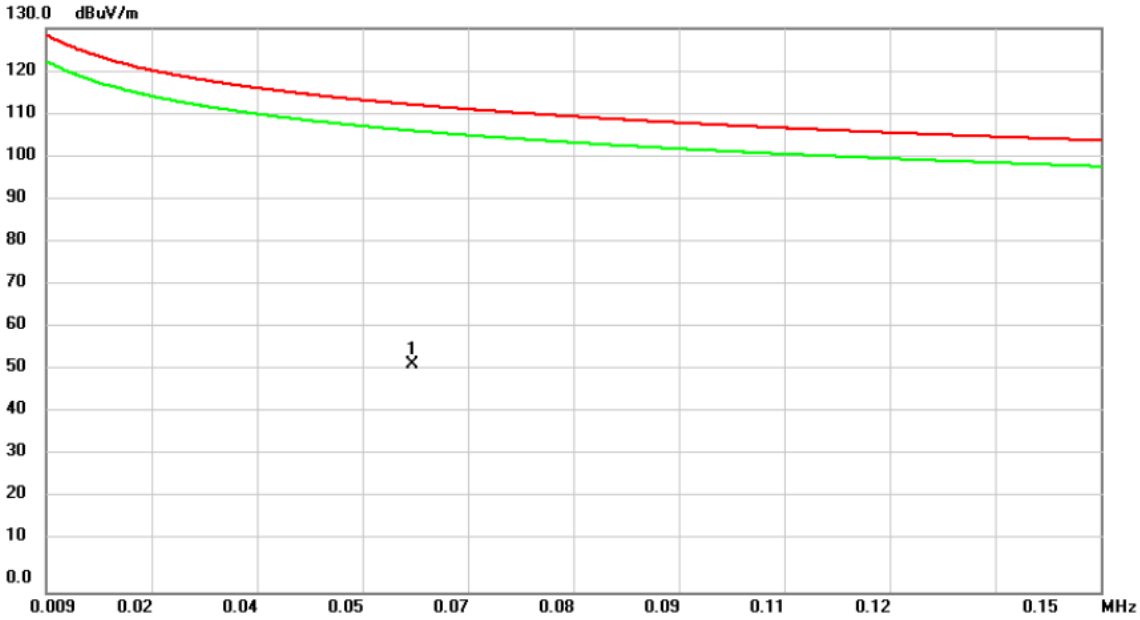
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
2		3.5825	18.91	11.19	30.10	69.54	-39.44	peak	
3		6.1497	15.55	11.38	26.93	69.54	-42.61	peak	
4		8.4481	13.04	11.33	24.37	69.54	-45.17	peak	
5		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
6		13.5228	11.24	11.19	22.43	69.54	-47.11	peak	

Test Mode:	UNII-3/TX Mode

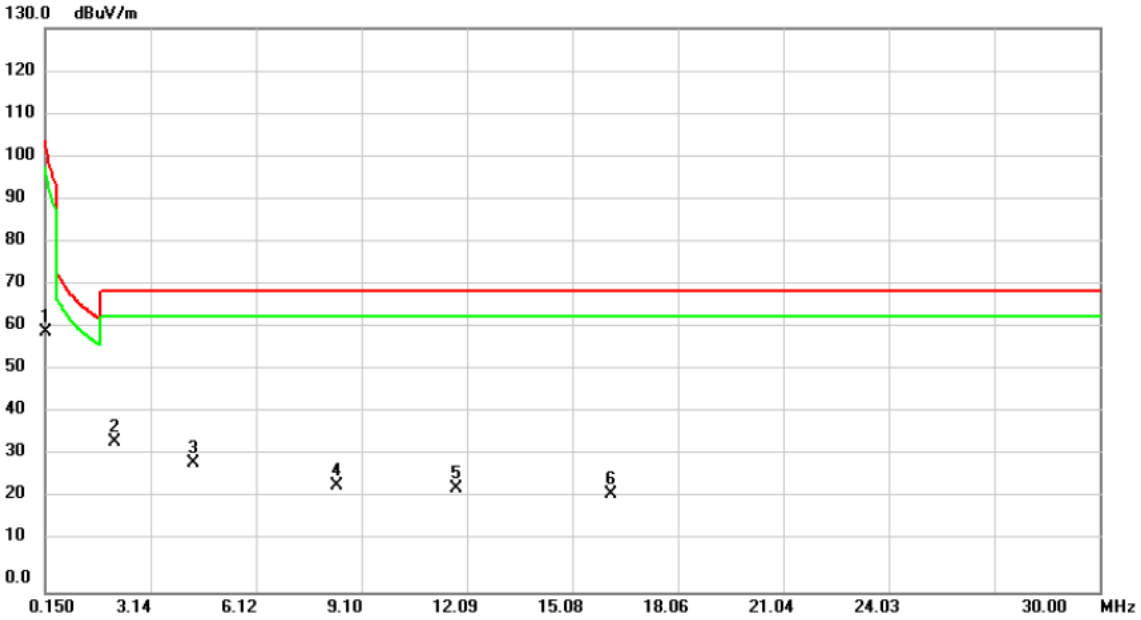
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0580	39.60	12.86	52.46	112.34	-59.88	peak	

Test Mode:	UNII-3/TX Mode

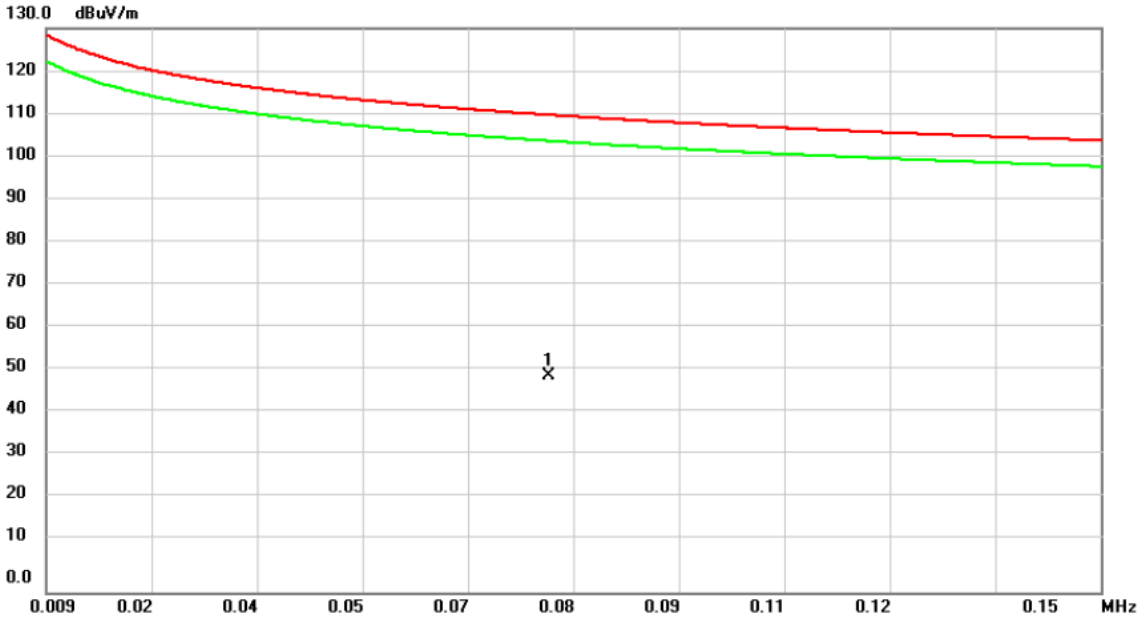
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	2.1200	23.06	11.50	34.56	69.54	-34.98	peak	
3		4.3290	18.38	11.30	29.68	69.54	-39.86	peak	
4		8.4184	13.23	11.33	24.56	69.54	-44.98	peak	
5		11.7911	12.65	11.25	23.90	69.54	-45.64	peak	
6		16.1794	11.63	11.11	22.74	69.54	-46.80	peak	

Test Mode:	UNII-3/TX Mode

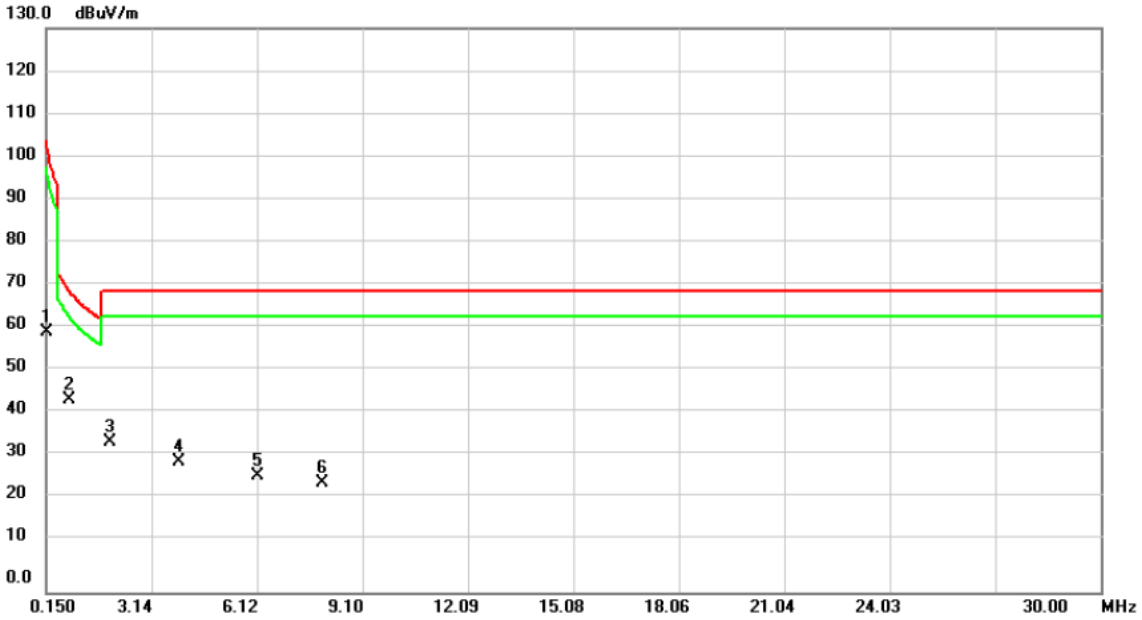
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0763	37.36	12.53	49.89	109.95	-60.06	peak	

Test Mode:	UNII-3/TX Mode

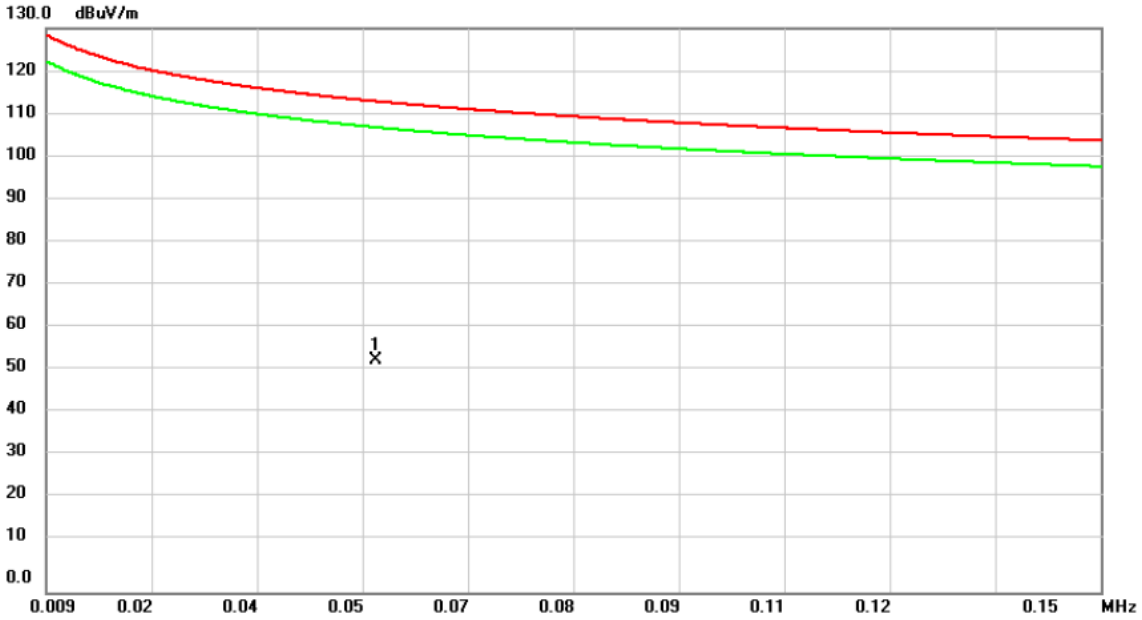
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.8064	32.31	11.92	44.23	69.47	-25.24	peak	
3		1.9708	23.01	11.56	34.57	69.54	-34.97	peak	
4		3.9110	18.67	11.24	29.91	69.54	-39.63	peak	
5		6.1497	15.55	11.38	26.93	69.54	-42.61	peak	
6		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

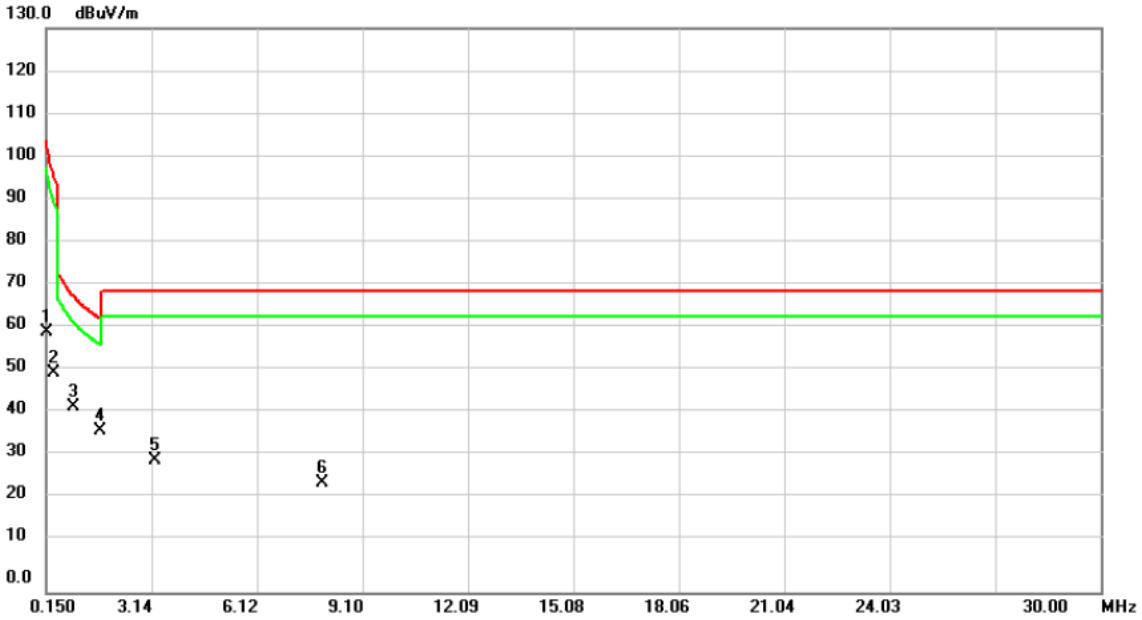
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0530	40.57	12.95	53.52	113.12	-59.60	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

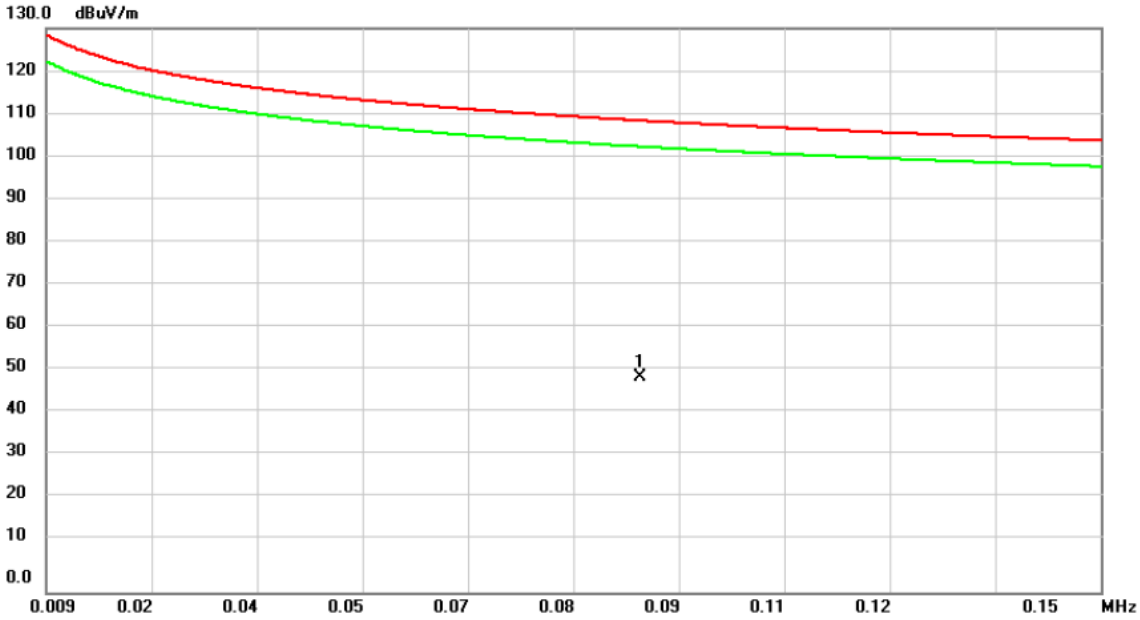
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2		0.3886	38.80	11.80	50.60	95.81	-45.21	peak	
3	*	0.9261	30.79	11.97	42.76	68.27	-25.51	peak	
4		1.7020	25.41	11.68	37.09	62.98	-25.89	peak	
5		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
6		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

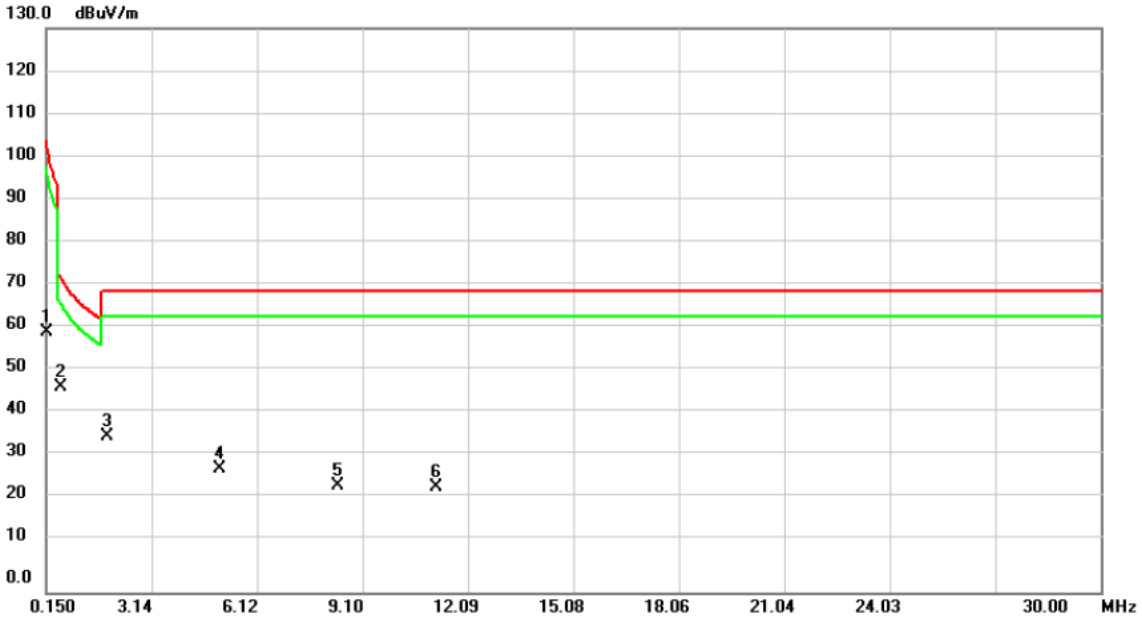
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0884	37.28	12.31	49.59	108.68	-59.09	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

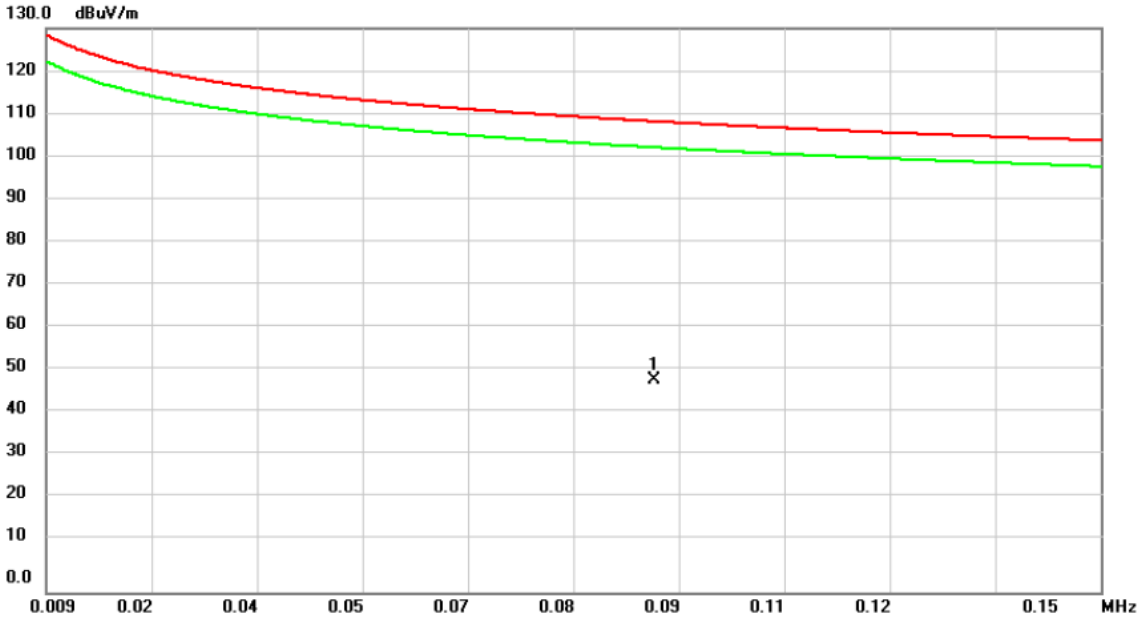
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5675	35.40	11.83	47.23	72.52	-25.29	peak	
3		1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
4		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
5		8.4184	13.23	11.33	24.56	69.54	-44.98	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2A/TX Mode _Desk Docking

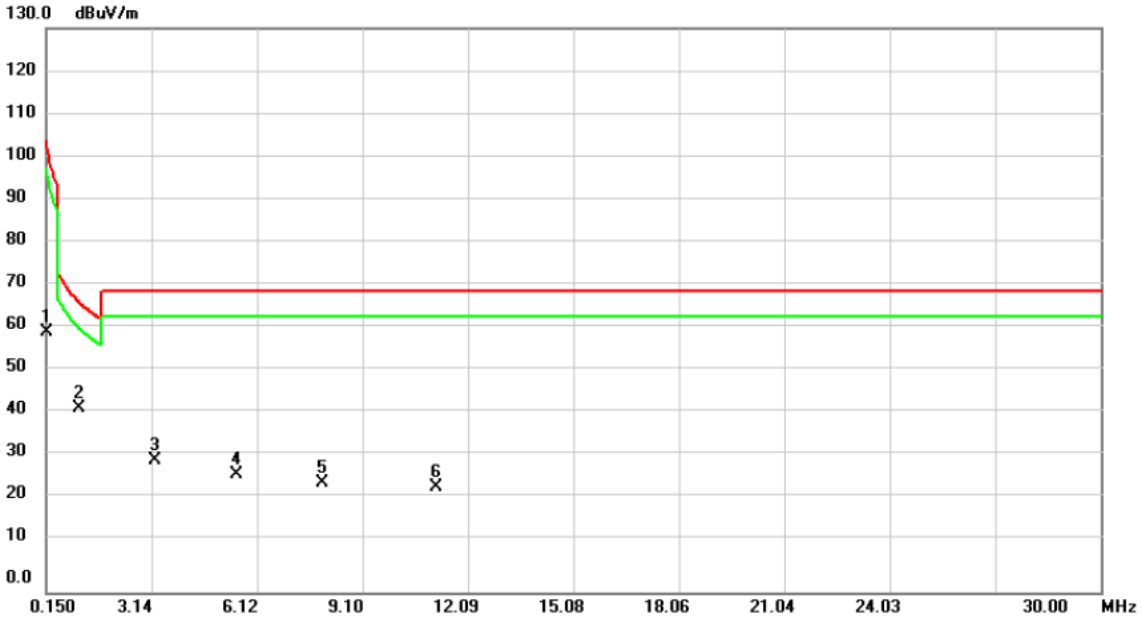
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0903	36.62	12.27	48.89	108.49	-59.60	peak	

Test Mode:	UNII-2A/TX Mode_Desk Docking

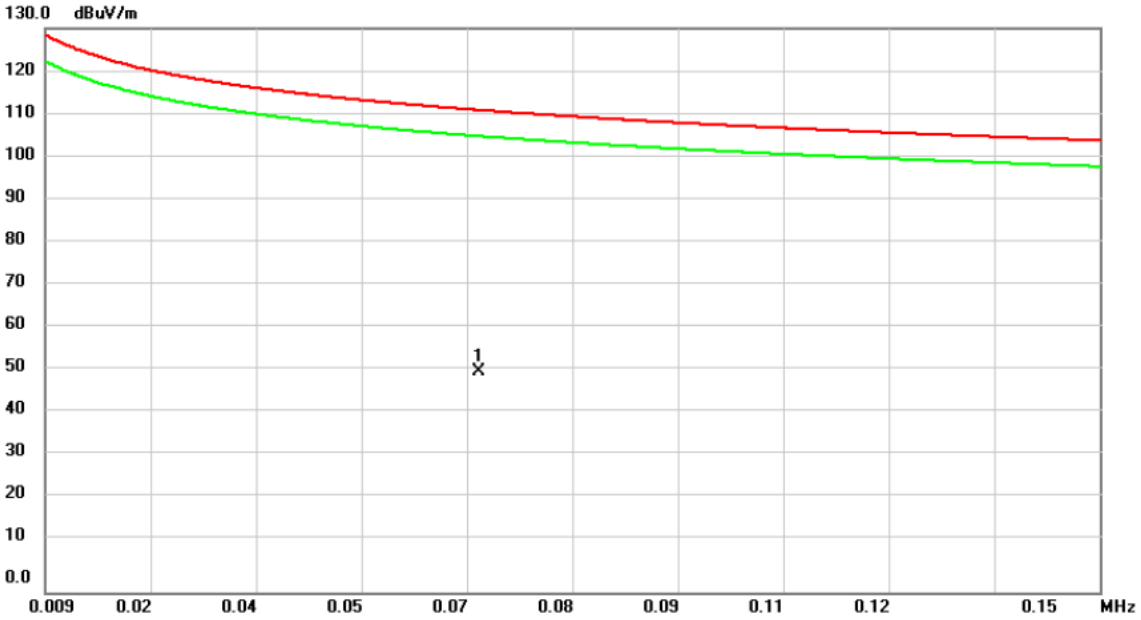
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.0750	30.36	11.97	42.33	66.98	-24.65	peak	
3		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
4		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
5		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2A/TX Mode_Desk Docking

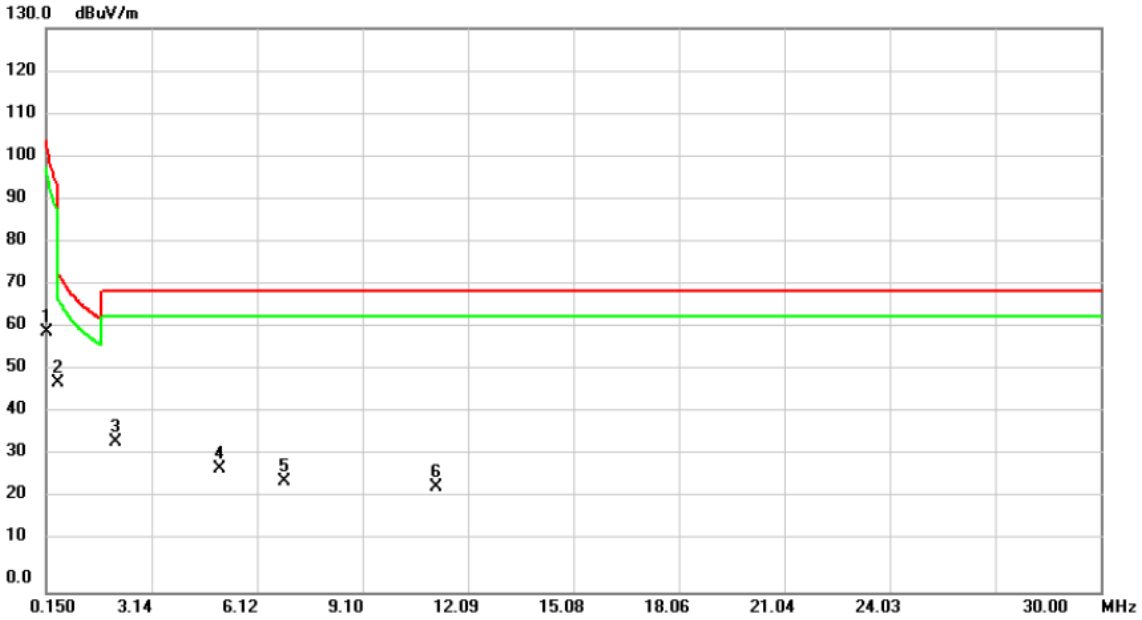
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0670	38.04	12.69	50.73	111.08	-60.35	peak	

Test Mode:	UNII-2A/TX Mode_Desk Docking

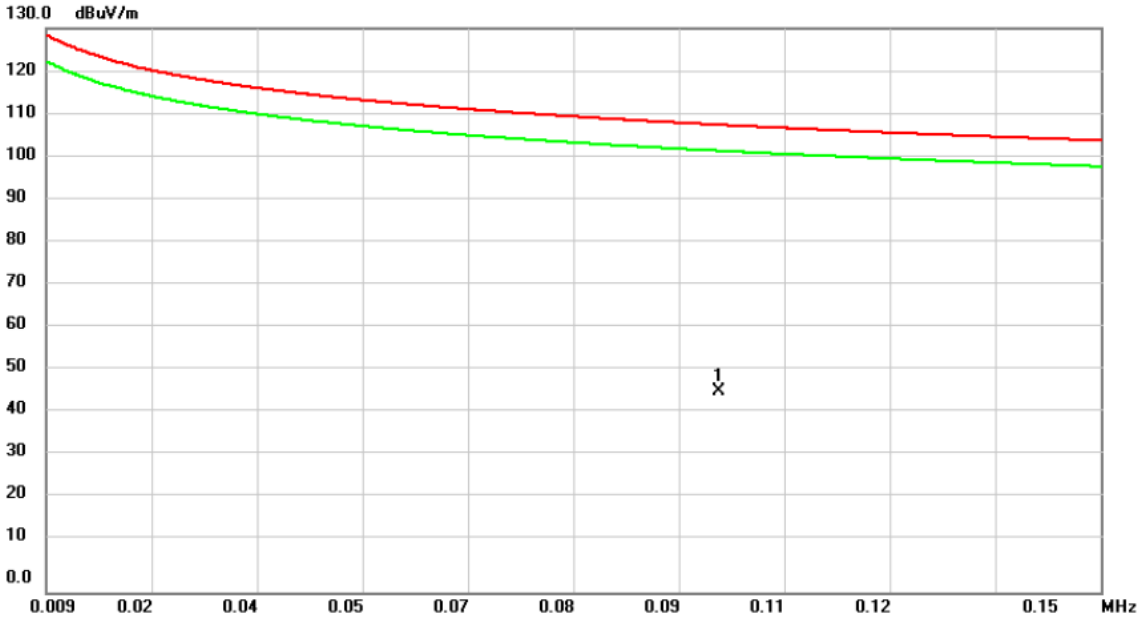
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5080	36.55	11.80	48.35	73.49	-25.14	peak	
3		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	
4		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
5		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

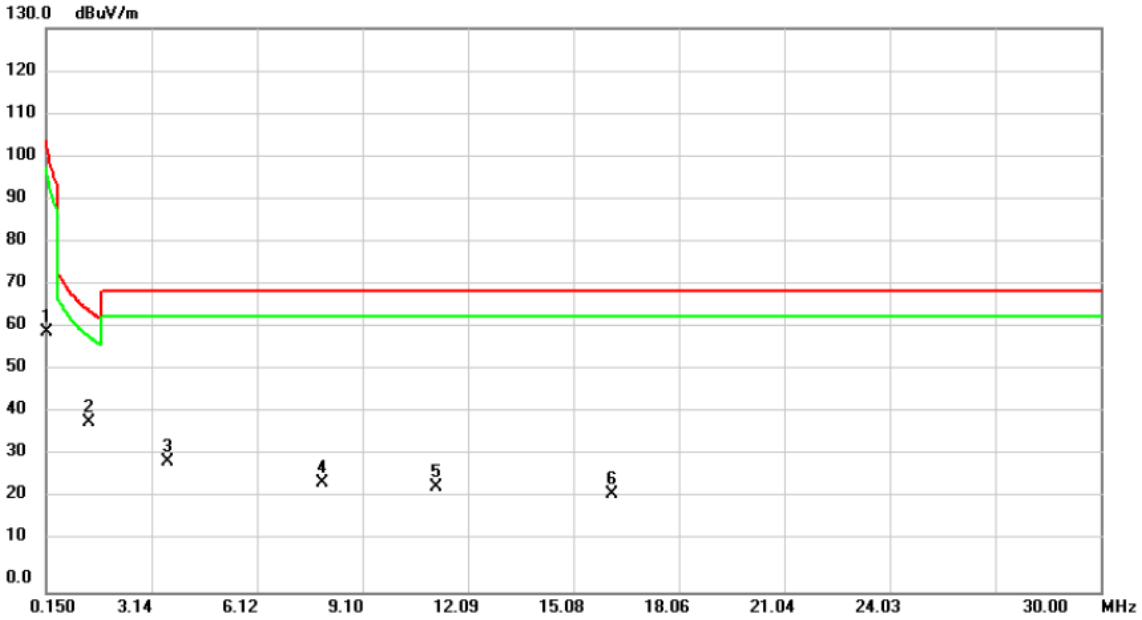
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0990	34.20	12.12	46.32	107.69	-61.37	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

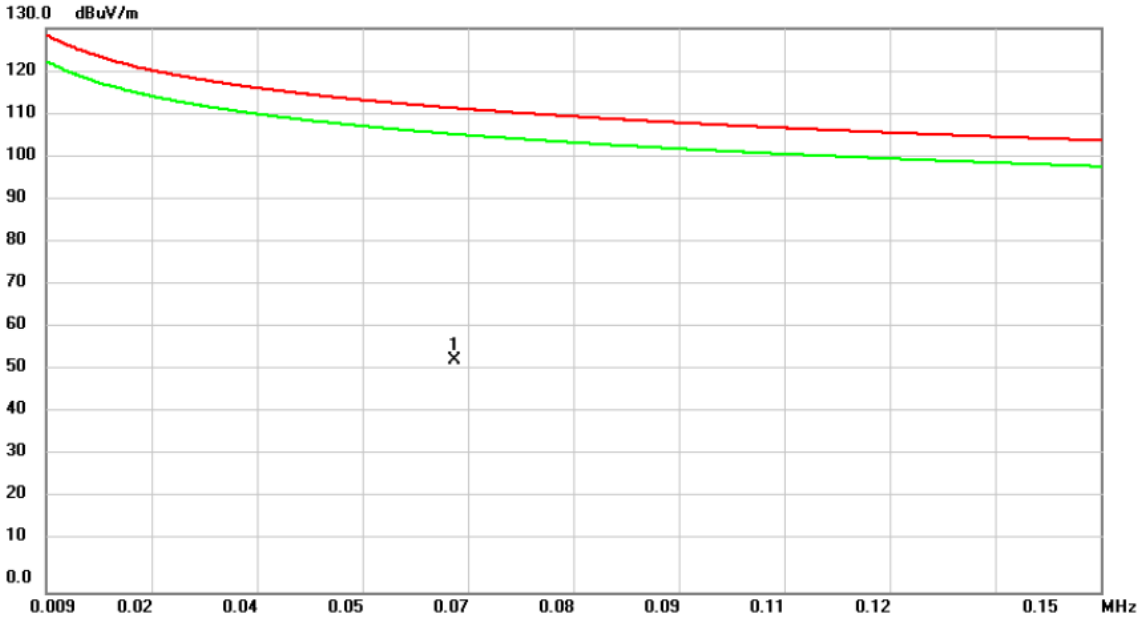
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.3440	27.36	11.85	39.21	65.04	-25.83	peak	
3		3.5825	18.91	11.19	30.10	69.54	-39.44	peak	
4		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
5		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
6		16.1794	11.63	11.11	22.74	69.54	-46.80	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

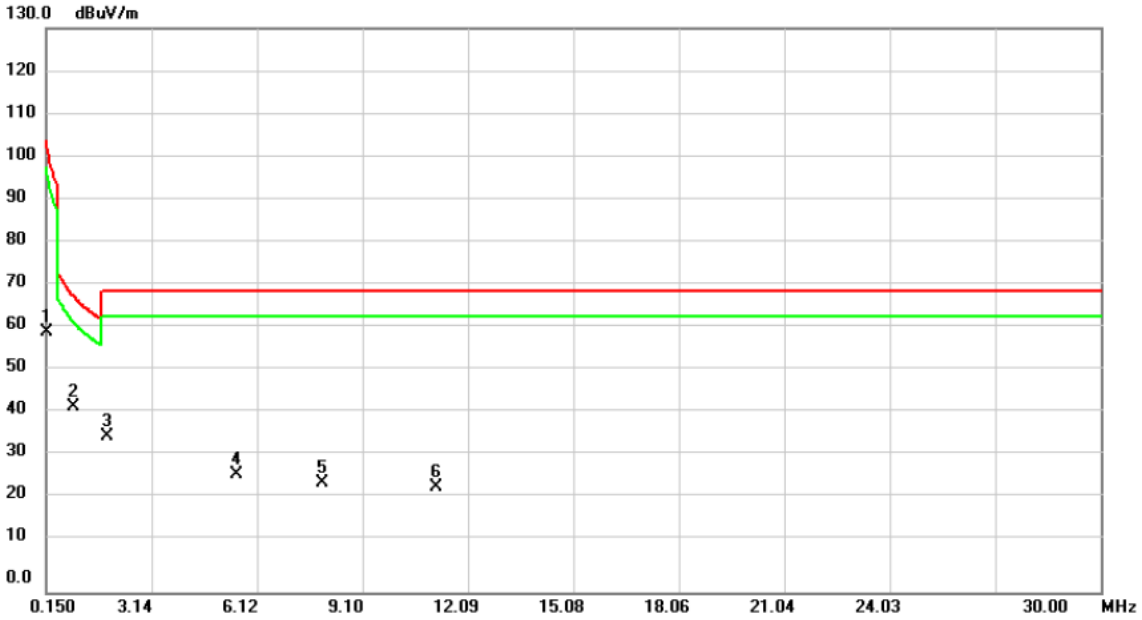
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0637	40.61	12.75	53.36	111.52	-58.16	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

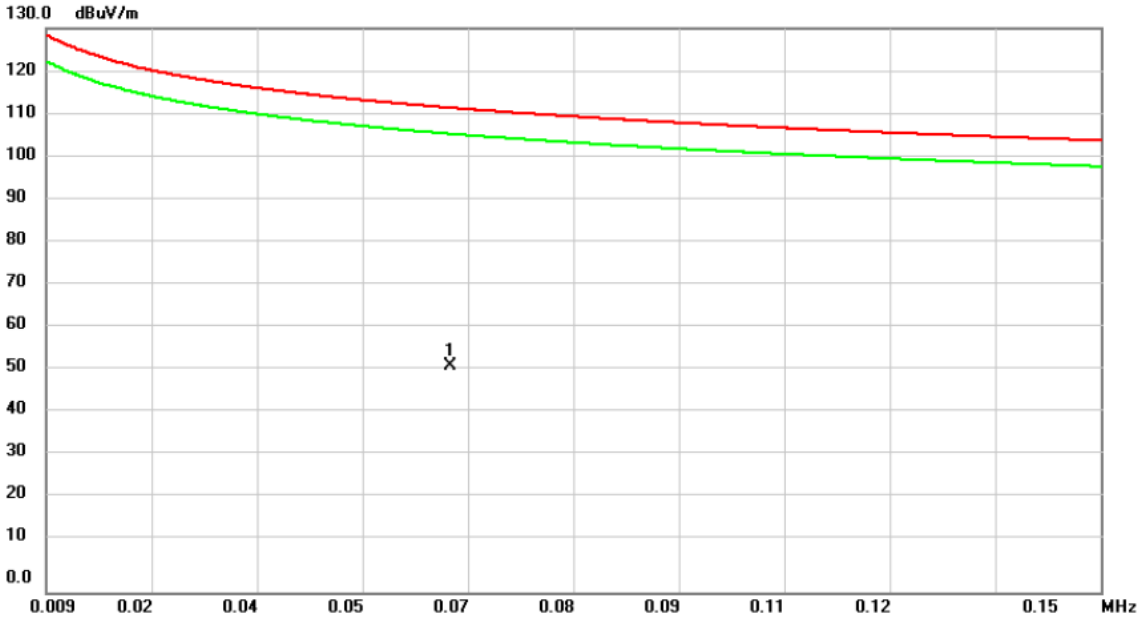
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.9261	30.79	11.97	42.76	68.27	-25.51	peak	
3		1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
4		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
5		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

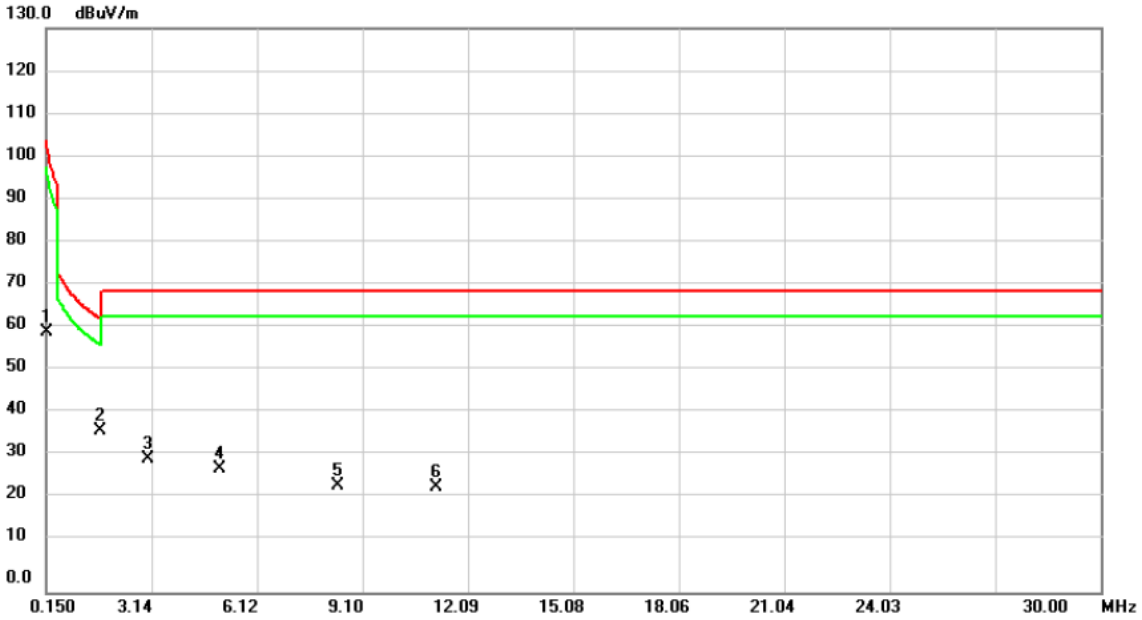
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0630	39.39	12.77	52.16	111.62	-59.46	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

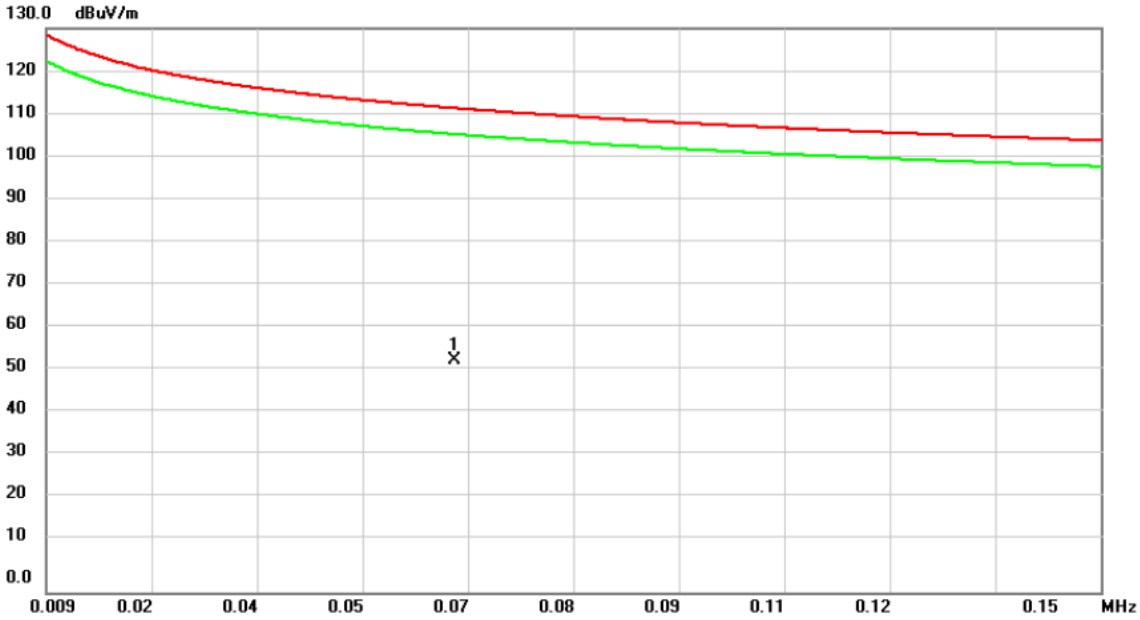
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.7020	25.41	11.68	37.09	62.98	-25.89	peak	
3		3.0455	19.49	11.11	30.60	69.54	-38.94	peak	
4		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
5		8.4184	13.23	11.33	24.56	69.54	-44.98	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

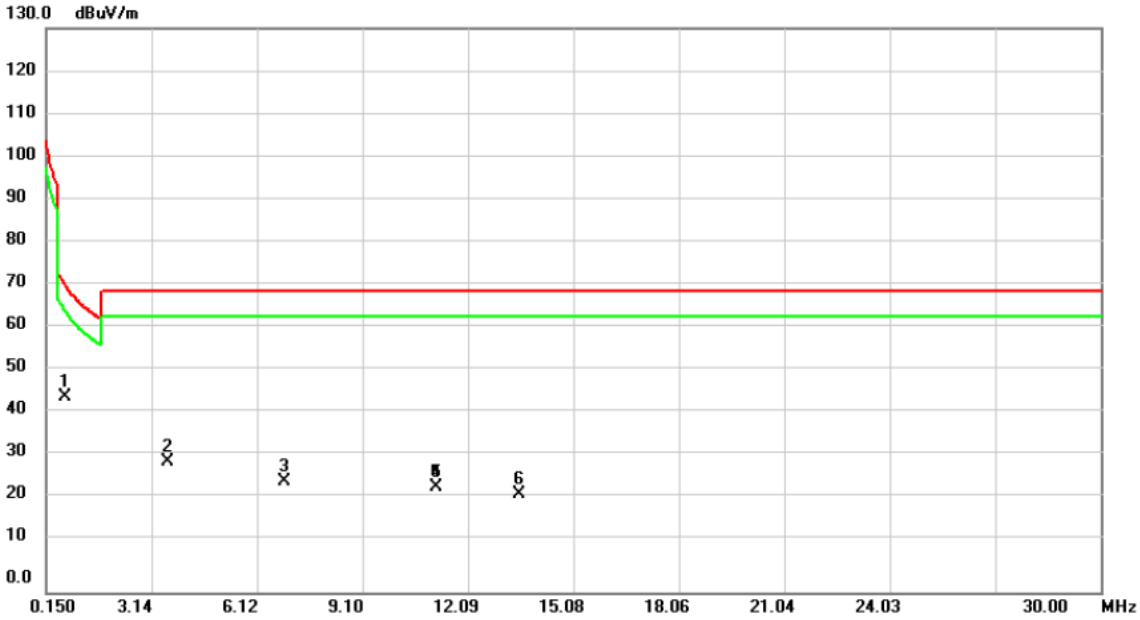
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0637	40.61	12.75	53.36	111.52	-58.16	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

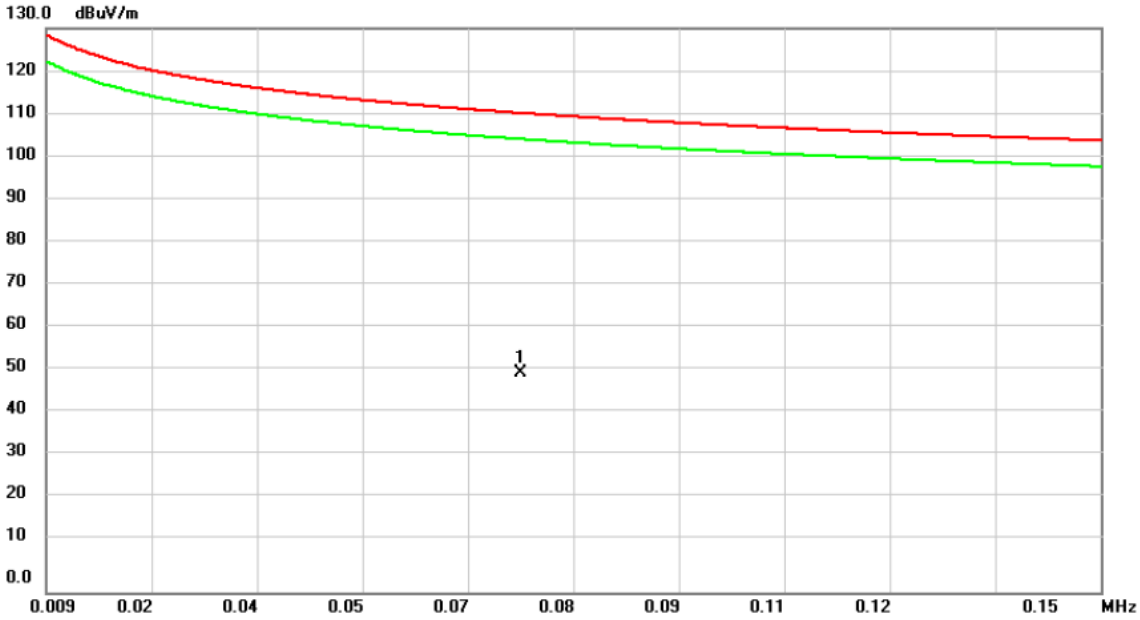
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.6873	33.26	11.87	45.13	70.86	-25.73	peak	
2		3.5825	18.91	11.19	30.10	69.54	-39.44	peak	
3		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	
4		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
5		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
6		13.5228	11.24	11.19	22.43	69.54	-47.11	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

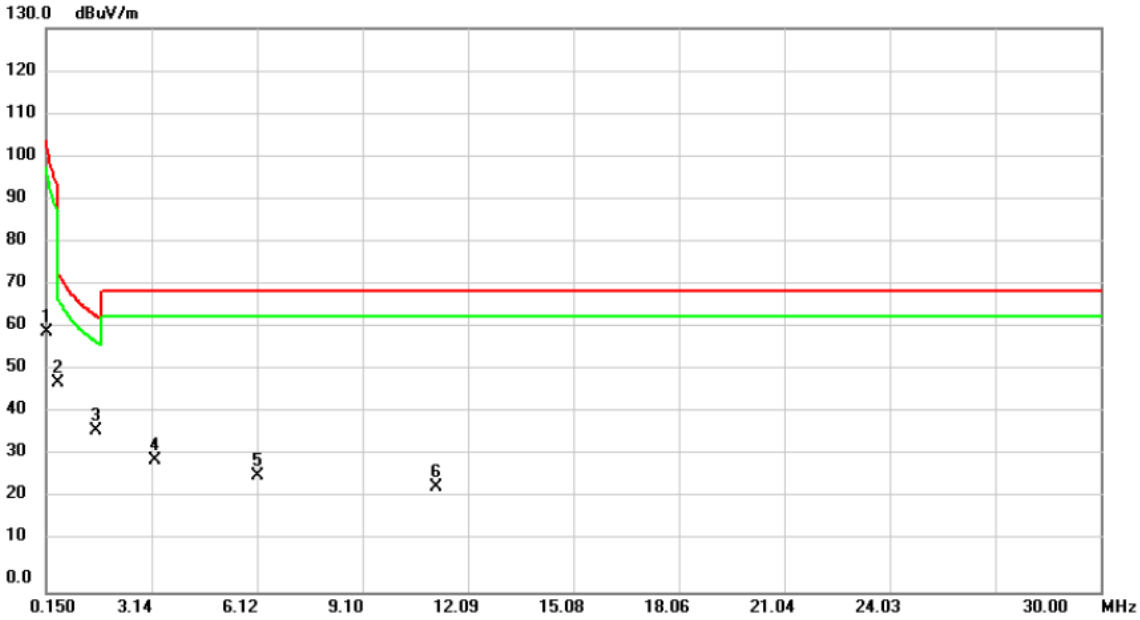
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0724	37.94	12.60	50.54	110.41	-59.87	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

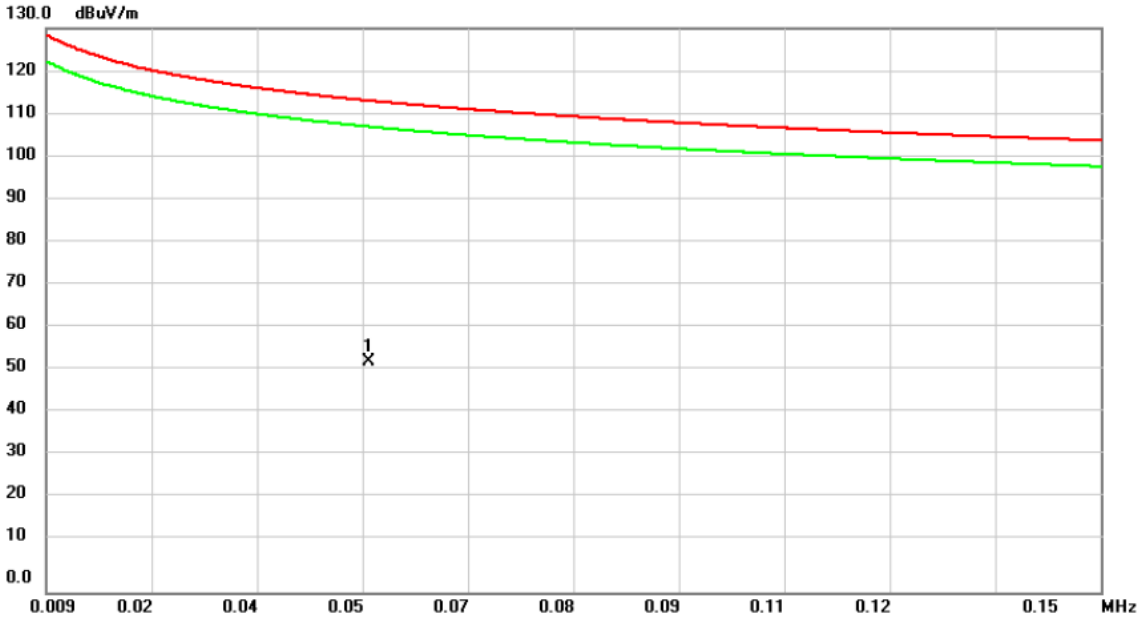
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5080	36.55	11.80	48.35	73.49	-25.14	peak	
3		1.5530	25.58	11.75	37.33	63.78	-26.45	peak	
4		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
5		6.1497	15.55	11.38	26.93	69.54	-42.61	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

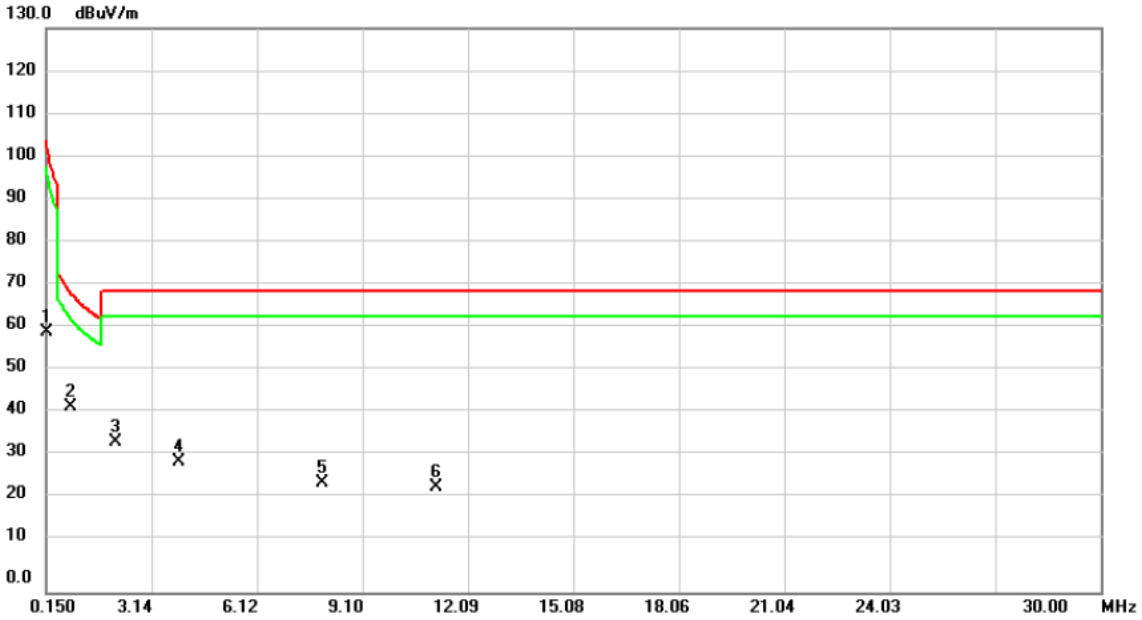
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0522	40.30	12.96	53.26	113.25	-59.99	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

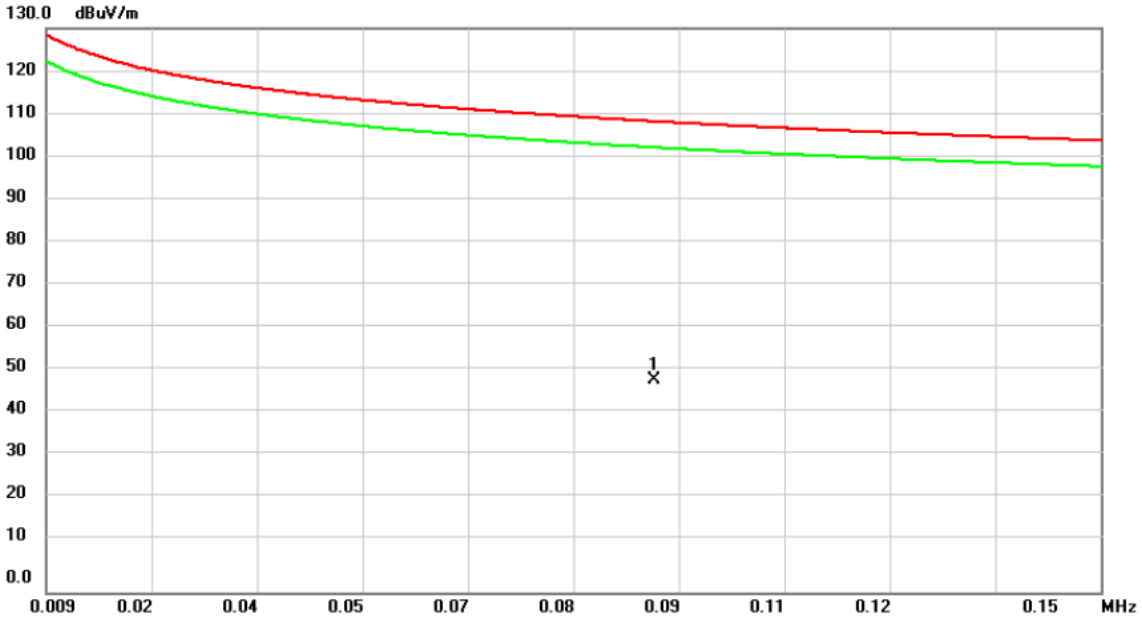
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.8660	30.84	11.95	42.79	68.85	-26.06	peak	
3		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	
4		3.9110	18.67	11.24	29.91	69.54	-39.63	peak	
5		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2A/TX Mode_VESA Docking

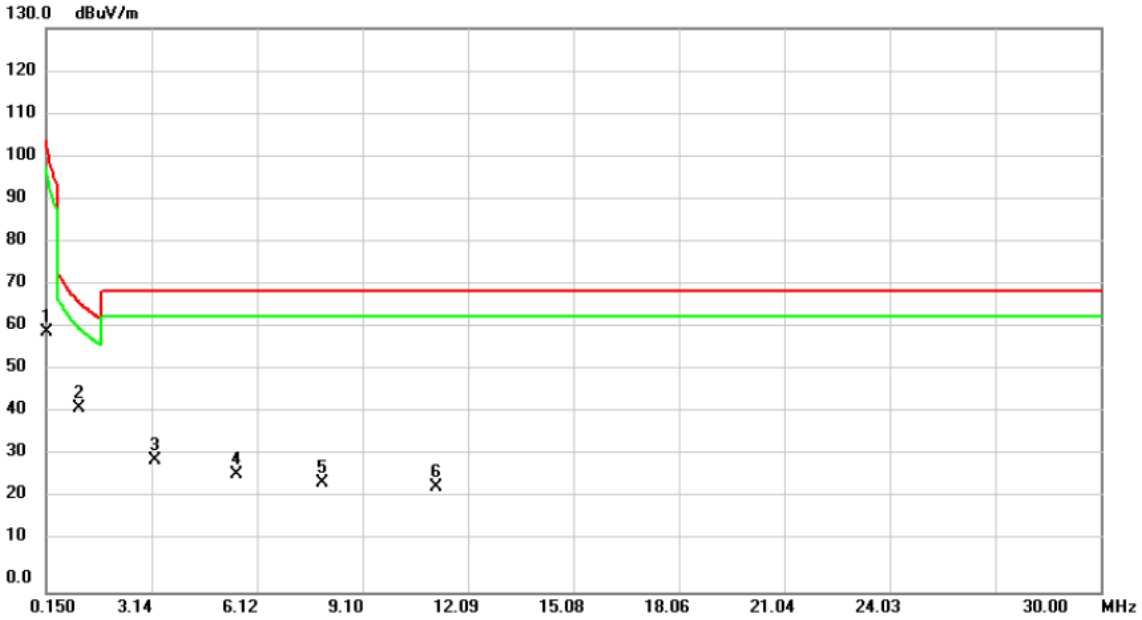
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0903	36.62	12.27	48.89	108.49	-59.60	peak	

Test Mode:	UNII-2A/TX Mode_VESA Docking

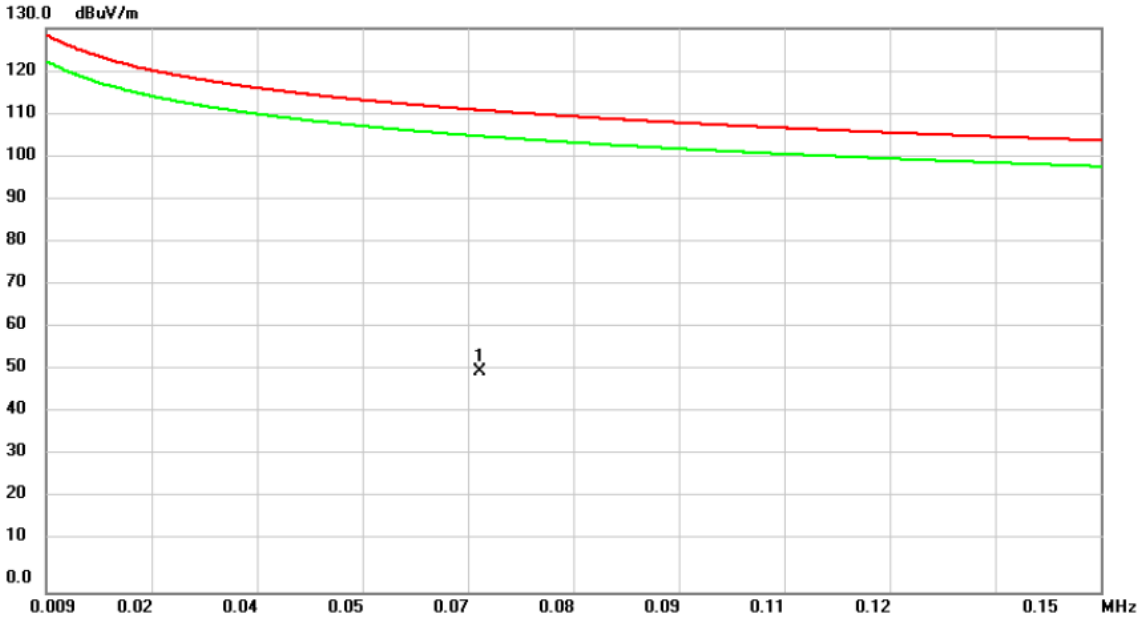
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.0750	30.36	11.97	42.33	66.98	-24.65	peak	
3		3.2244	19.31	11.13	30.44	69.54	-39.10	peak	
4		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
5		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2A/TX Mode_VESA Docking

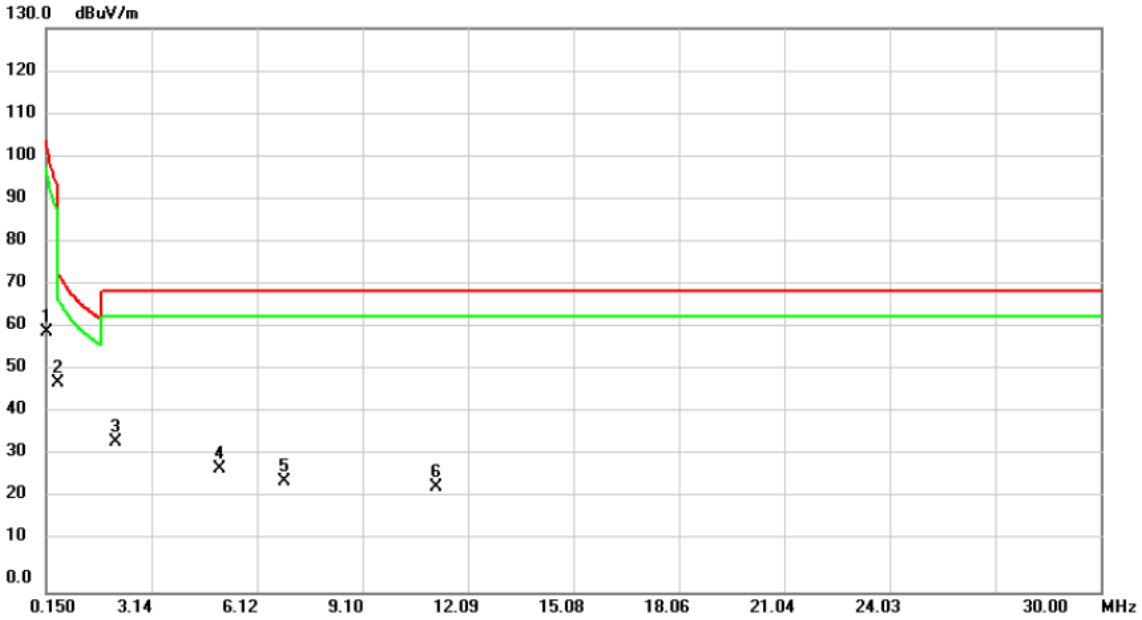
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0670	38.04	12.69	50.73	111.08	-60.35	peak	

Test Mode:	UNII-2A/TX Mode_VESA Docking

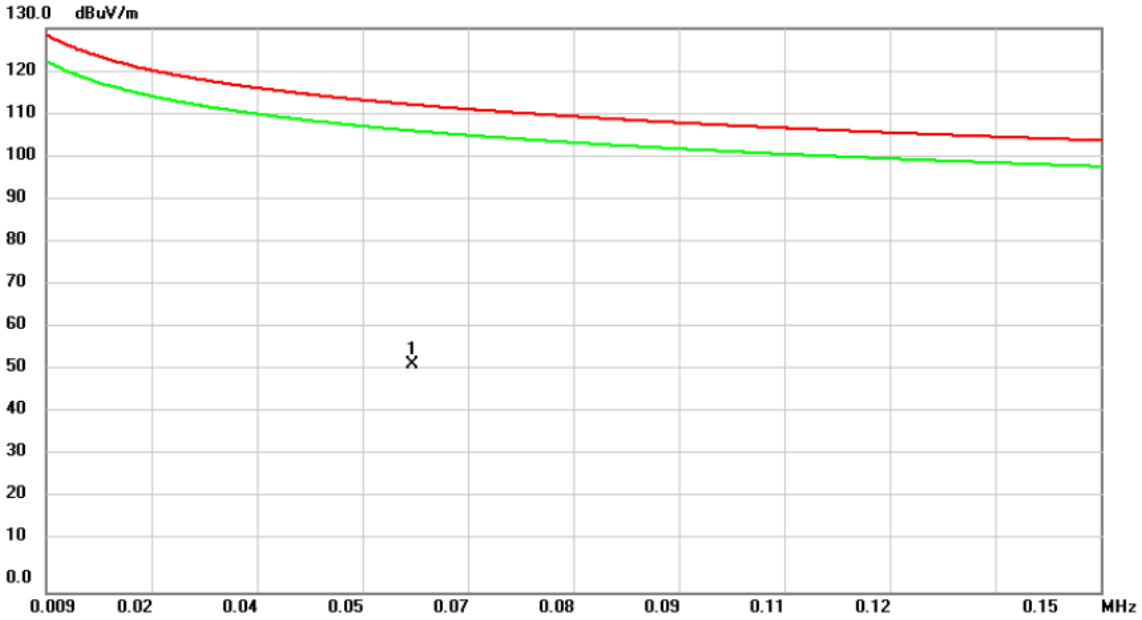
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.5080	36.55	11.80	48.35	73.49	-25.14	peak	
3		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	
4		5.0750	16.98	11.40	28.38	69.54	-41.16	peak	
5		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	
6		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	

Test Mode:	UNII-2C/TX Mode_VESA Docking

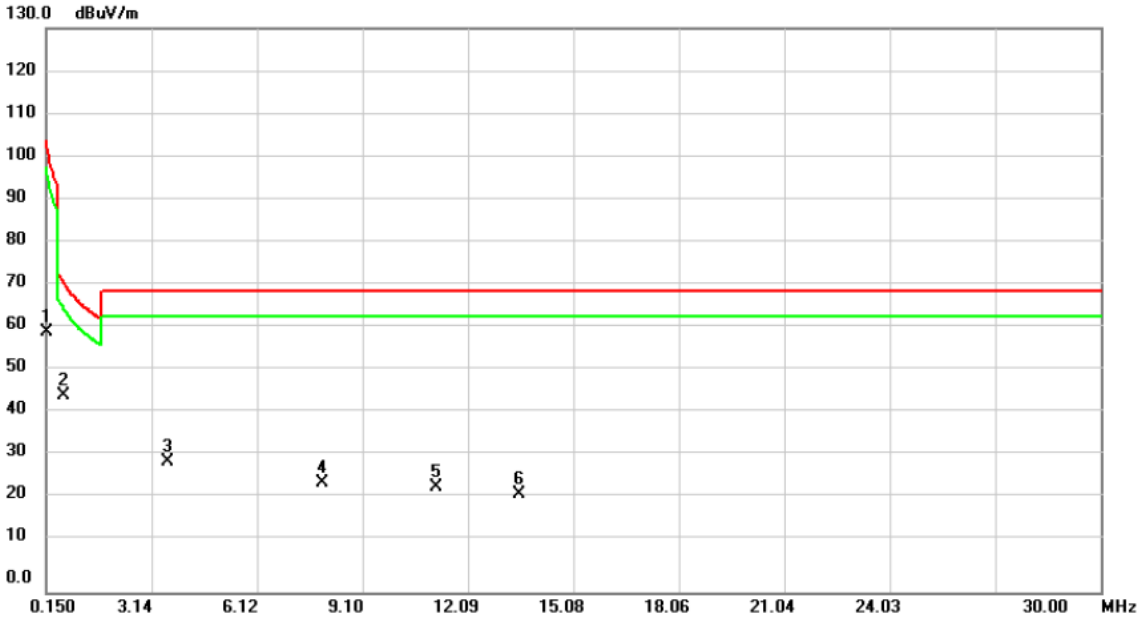
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0580	39.60	12.86	52.46	112.34	-59.88	peak	

Test Mode:	UNII-2C/TX Mode_VESA Docking

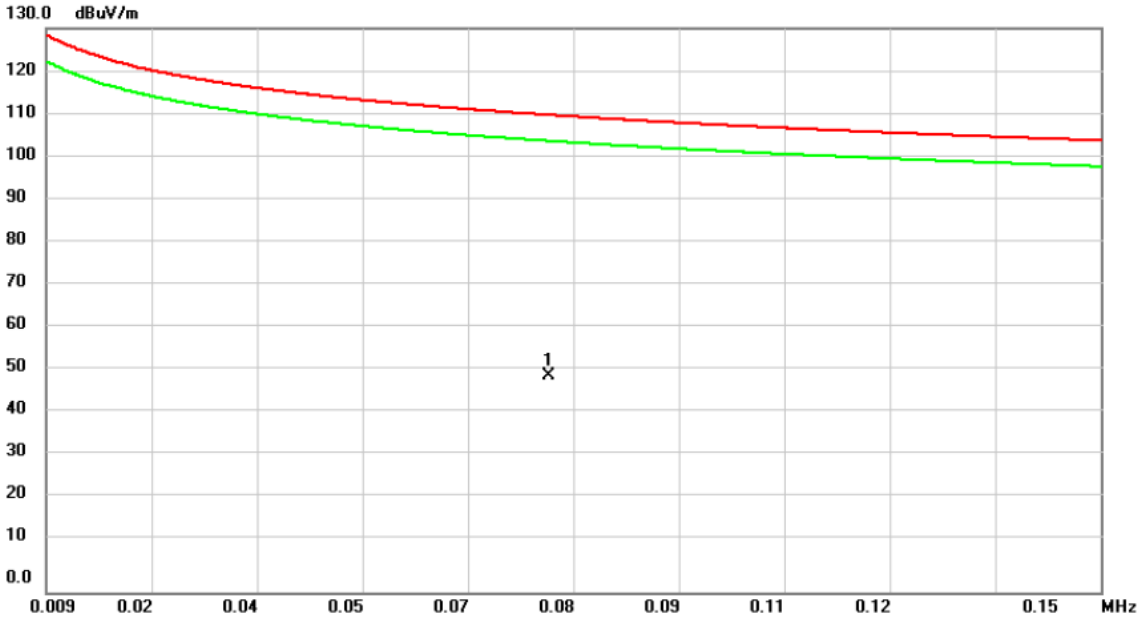
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	0.6276	33.55	11.85	45.40	71.65	-26.25	peak	
3		3.5825	18.91	11.19	30.10	69.54	-39.44	peak	
4		7.9706	13.82	11.34	25.16	69.54	-44.38	peak	
5		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
6		13.5228	11.24	11.19	22.43	69.54	-47.11	peak	

Test Mode:	UNII-2C/TX Mode_VESA Docking

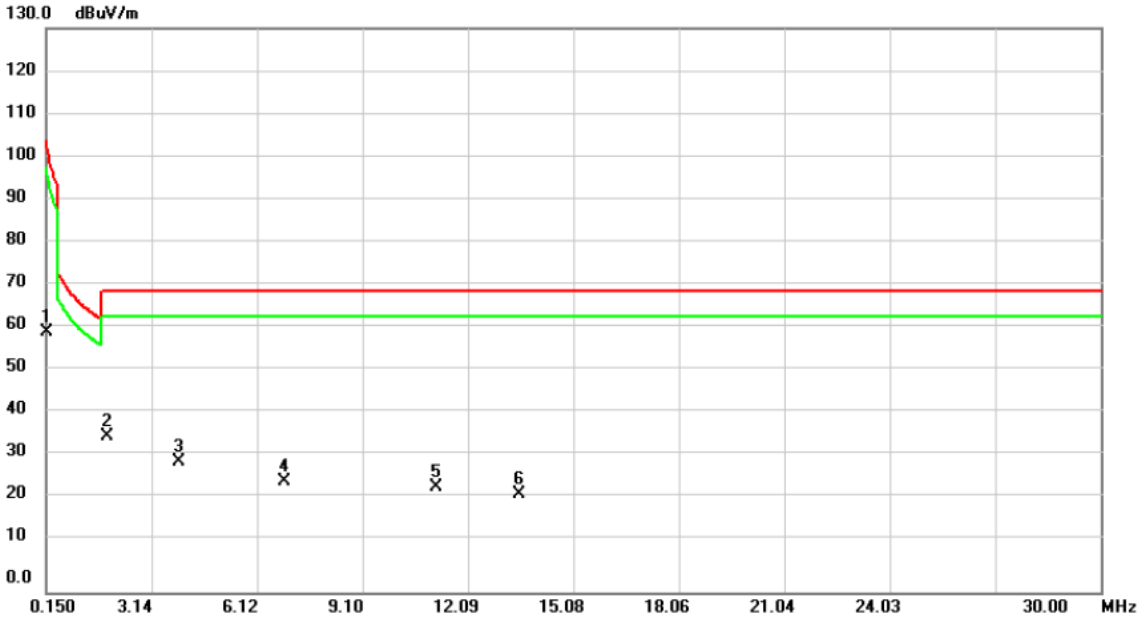
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0763	37.36	12.53	49.89	109.95	-60.06	peak	

Test Mode:	UNII-2C/TX Mode_VESA Docking

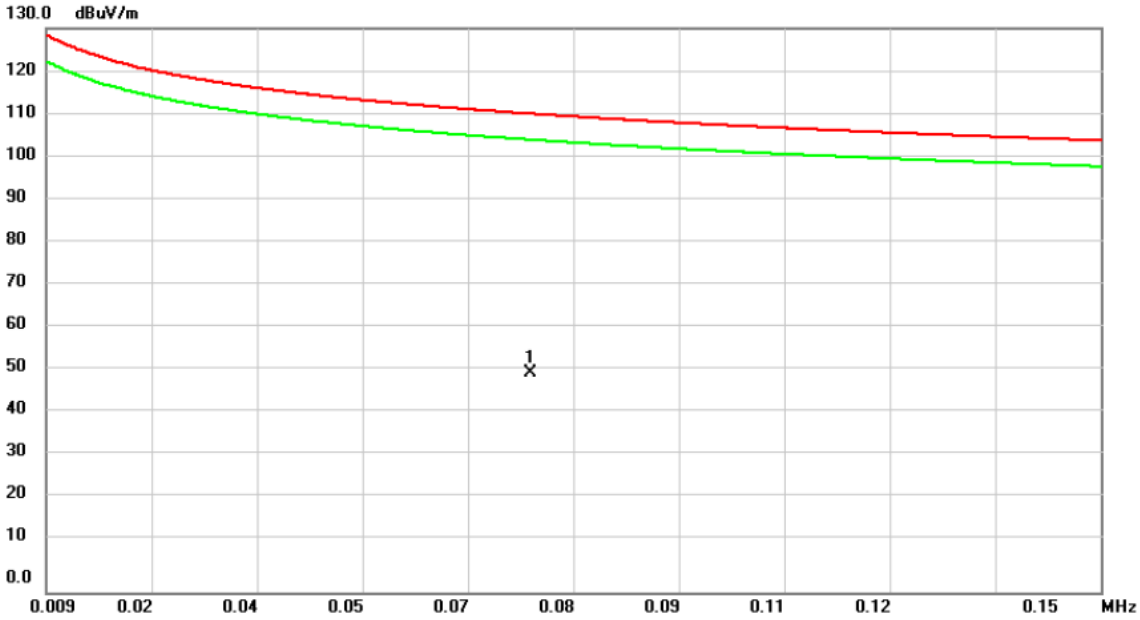
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	104.08	-44.12	peak	
2	*	1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
3		3.9110	18.67	11.24	29.91	69.54	-39.63	peak	
4		6.8960	14.14	11.36	25.50	69.54	-44.04	peak	
5		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
6		13.5228	11.24	11.19	22.43	69.54	-47.11	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

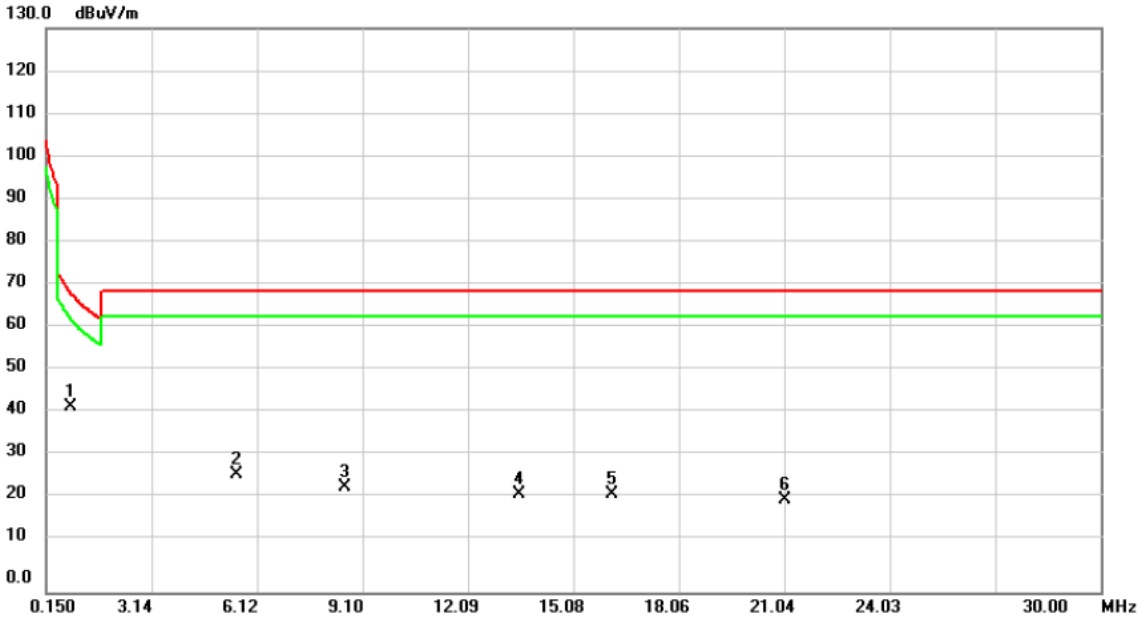
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0738	37.88	12.57	50.45	110.24	-59.79	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

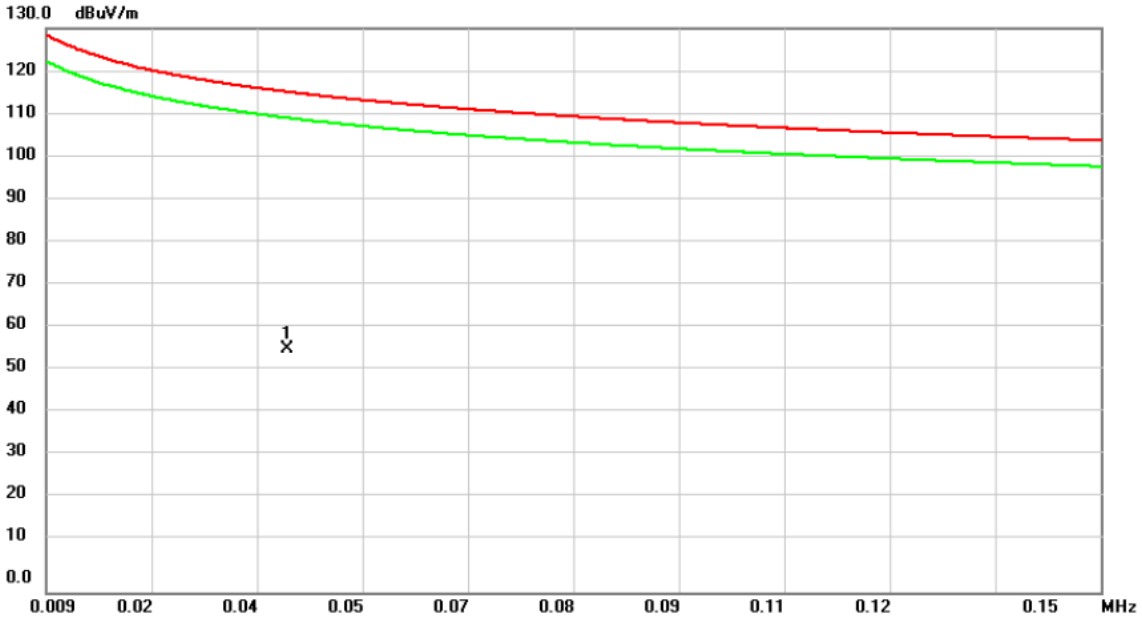
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.8660	30.84	11.95	42.79	68.85	-26.06	peak	
2		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
3		8.6272	12.90	11.33	24.23	69.54	-45.31	peak	
4		13.5228	11.24	11.19	22.43	69.54	-47.11	peak	
5		16.1794	11.63	11.11	22.74	69.54	-46.80	peak	
6		21.0450	10.60	10.81	21.41	69.54	-48.13	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

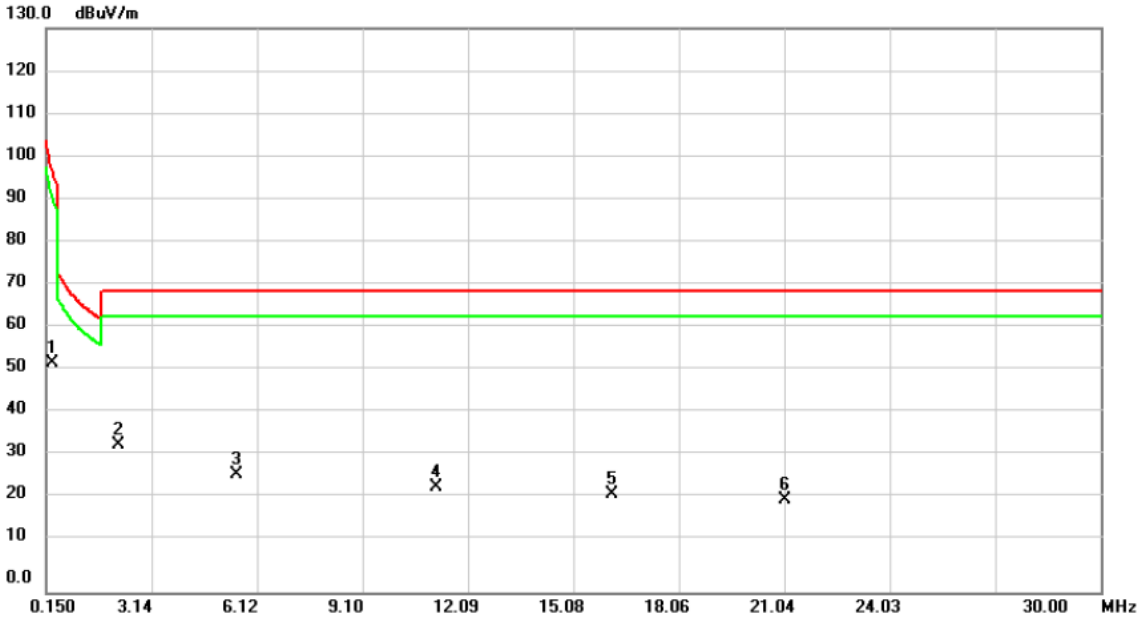
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0413	42.09	13.87	55.96	115.29	-59.33	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

Ant 90°

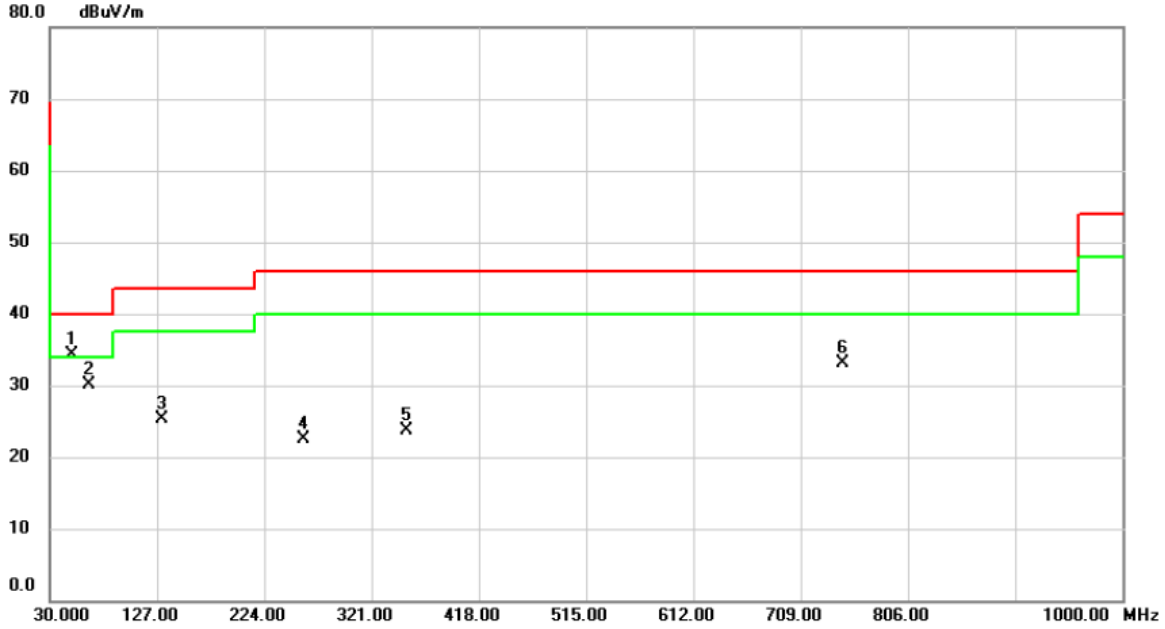


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3291	40.93	11.80	52.73	97.26	-44.53	peak	
2	*	2.2096	22.66	11.46	34.12	69.54	-35.42	peak	
3		5.5230	15.90	11.39	27.29	69.54	-42.25	peak	
4		11.1942	12.82	11.26	24.08	69.54	-45.46	peak	
5		16.1794	11.63	11.11	22.74	69.54	-46.80	peak	
6		21.0450	10.60	10.81	21.41	69.54	-48.13	peak	

APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode:	UNII-1/TX Mode

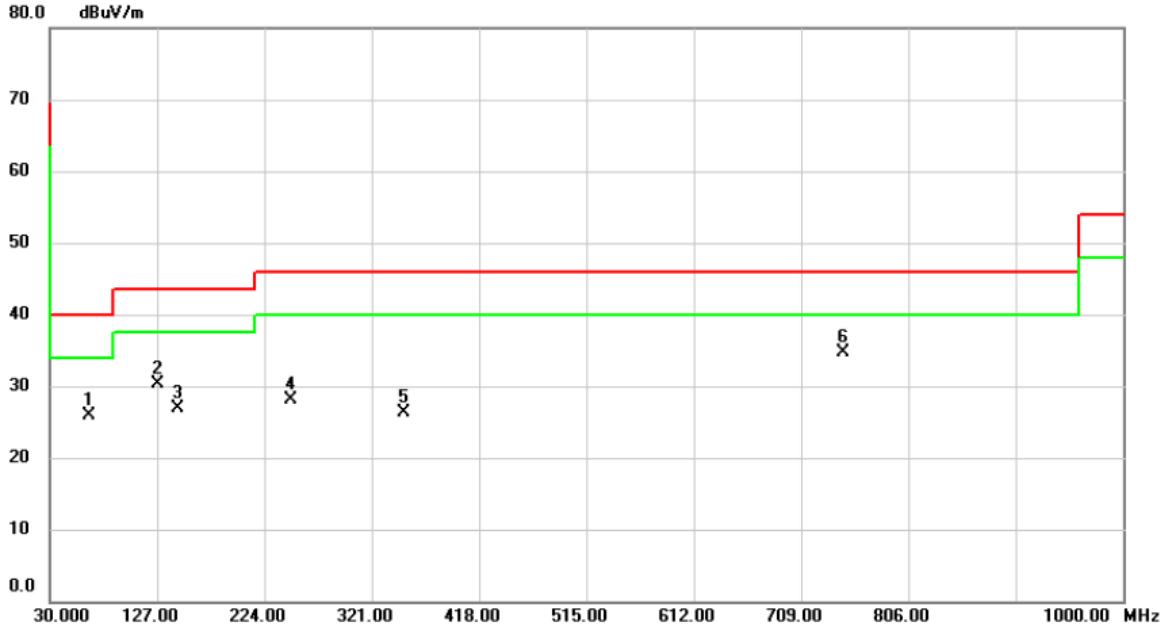
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	49.4000	42.60	-8.33	34.27	40.00	-5.73	peak	
2		64.9200	39.42	-9.37	30.05	40.00	-9.95	peak	
3		130.8800	34.75	-9.52	25.23	43.50	-18.27	peak	
4		259.8900	31.26	-8.76	22.50	46.00	-23.50	peak	
5		353.0100	29.86	-6.16	23.70	46.00	-22.30	peak	
6		746.8300	31.23	1.83	33.06	46.00	-12.94	peak	

Test Mode:	UNII-1/TX Mode

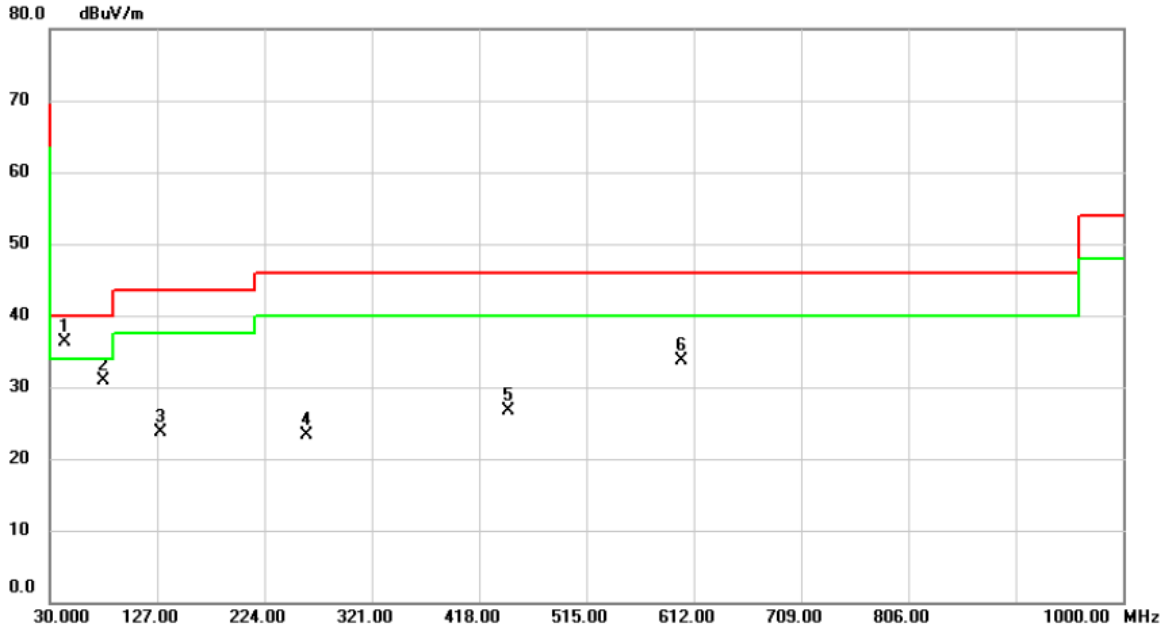
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		64.9200	35.30	-9.37	25.93	40.00	-14.07	peak	
2		127.0000	40.02	-9.75	30.27	43.50	-13.23	peak	
3		145.4300	36.02	-9.05	26.97	43.50	-16.53	peak	
4		248.2500	37.27	-9.14	28.13	46.00	-17.87	peak	
5		350.1000	32.53	-6.24	26.29	46.00	-19.71	peak	
6	*	746.8300	32.88	1.83	34.71	46.00	-11.29	peak	

Test Mode:	UNII-2A/TX Mode

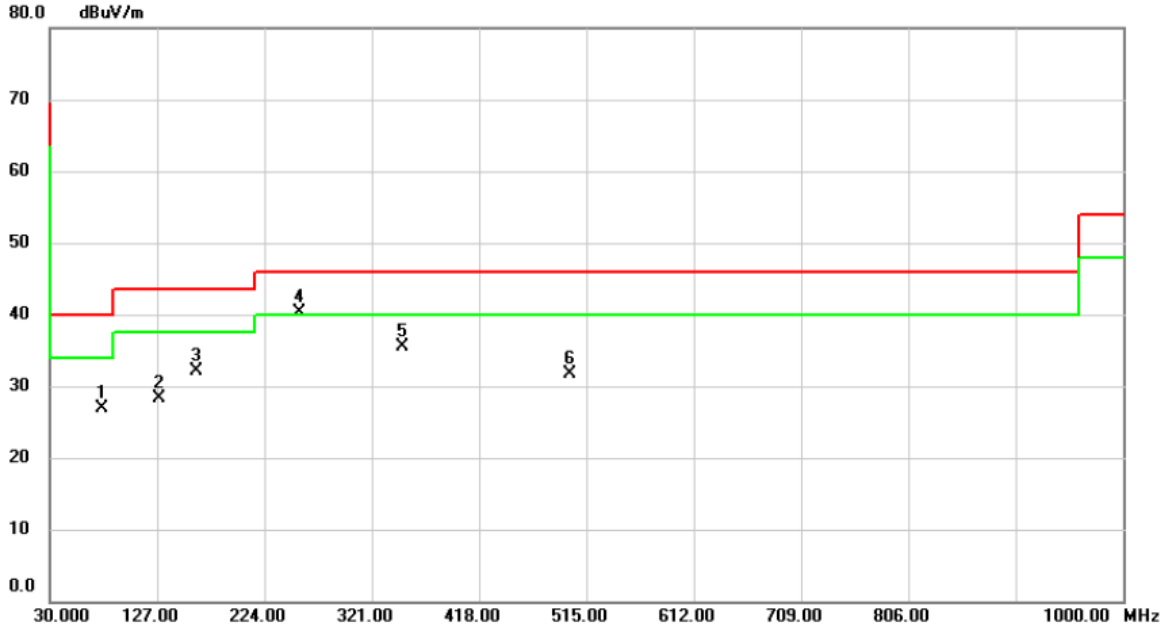
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	43.5800	44.78	-8.56	36.22	40.00	-3.78	peak	
2		78.5000	42.45	-11.63	30.82	40.00	-9.18	peak	
3		129.9100	33.33	-9.58	23.75	43.50	-19.75	peak	
4		261.8300	31.92	-8.71	23.21	46.00	-22.79	peak	
5		444.1900	30.52	-3.72	26.80	46.00	-19.20	peak	
6		600.3600	34.15	-0.42	33.73	46.00	-12.27	peak	

Test Mode:	UNII-2A/TX Mode

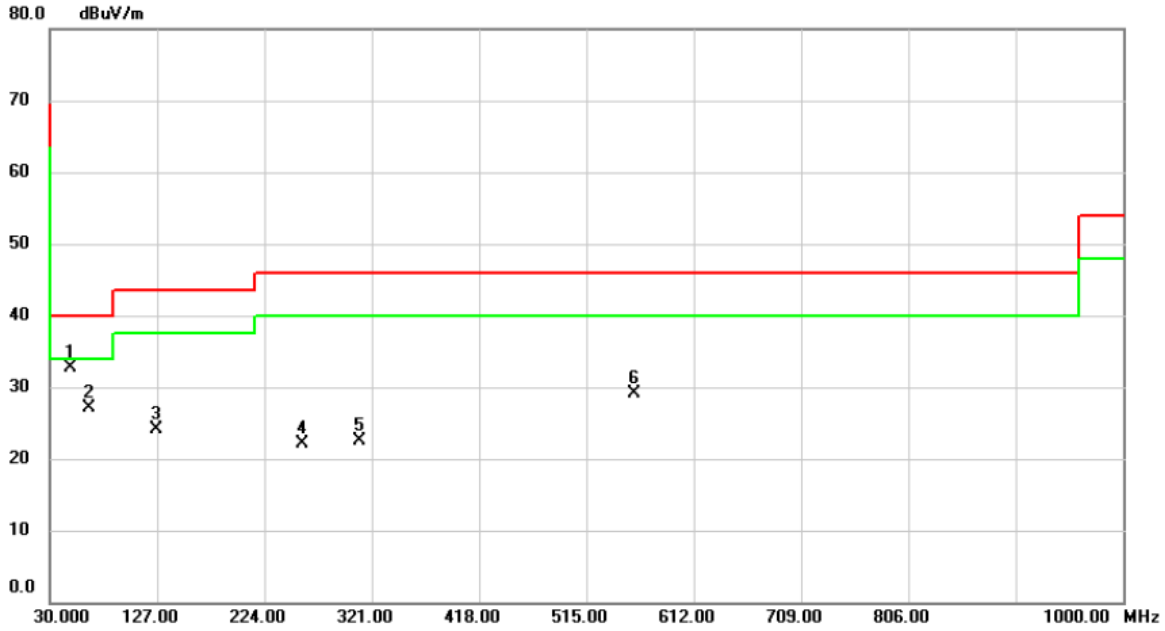
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		77.5300	38.42	-11.46	26.96	40.00	-13.04	peak	
2		128.9400	37.86	-9.63	28.23	43.50	-15.27	peak	
3		162.8900	40.64	-8.59	32.05	43.50	-11.45	peak	
4	*	256.0100	49.11	-8.89	40.22	46.00	-5.78	peak	
5		348.1600	41.73	-6.29	35.44	46.00	-10.56	peak	
6		500.4500	34.39	-2.72	31.67	46.00	-14.33	peak	

Test Mode:	UNII-2C/TX Mode

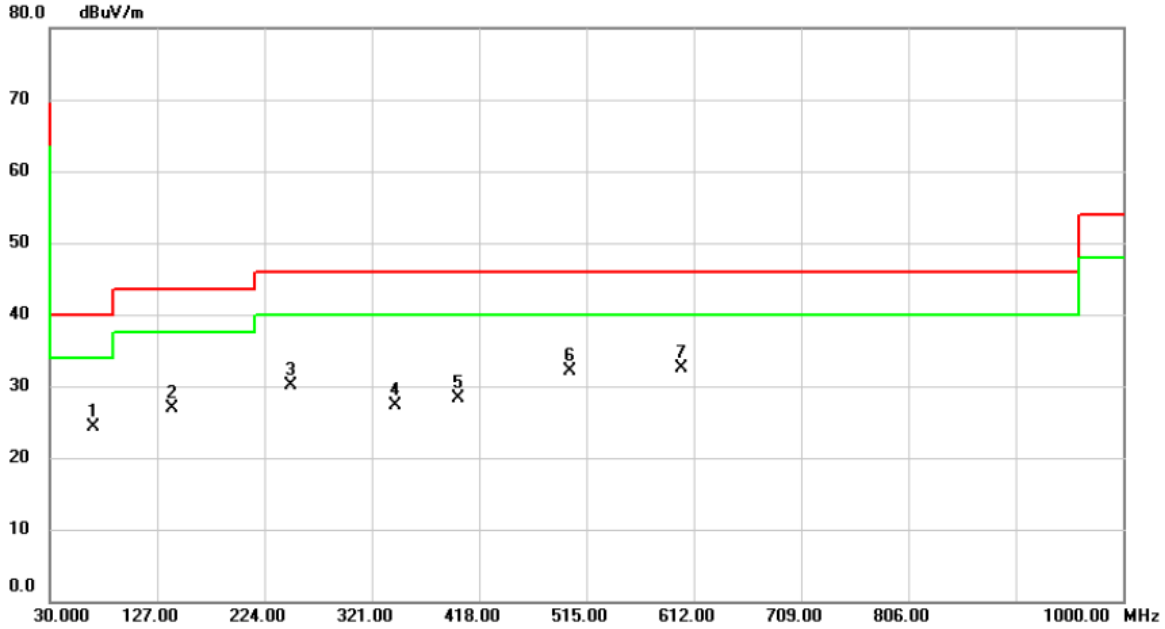
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	41.08	-8.38	32.70	40.00	-7.30	peak	
2		64.9200	36.56	-9.37	27.19	40.00	-12.81	peak	
3		126.0300	33.83	-9.81	24.02	43.50	-19.48	peak	
4		257.9500	30.95	-8.83	22.12	46.00	-23.88	peak	
5		309.3600	29.75	-7.25	22.50	46.00	-23.50	peak	
6		558.6500	30.65	-1.49	29.16	46.00	-16.84	peak	

Test Mode:	UNII-2C/TX Mode

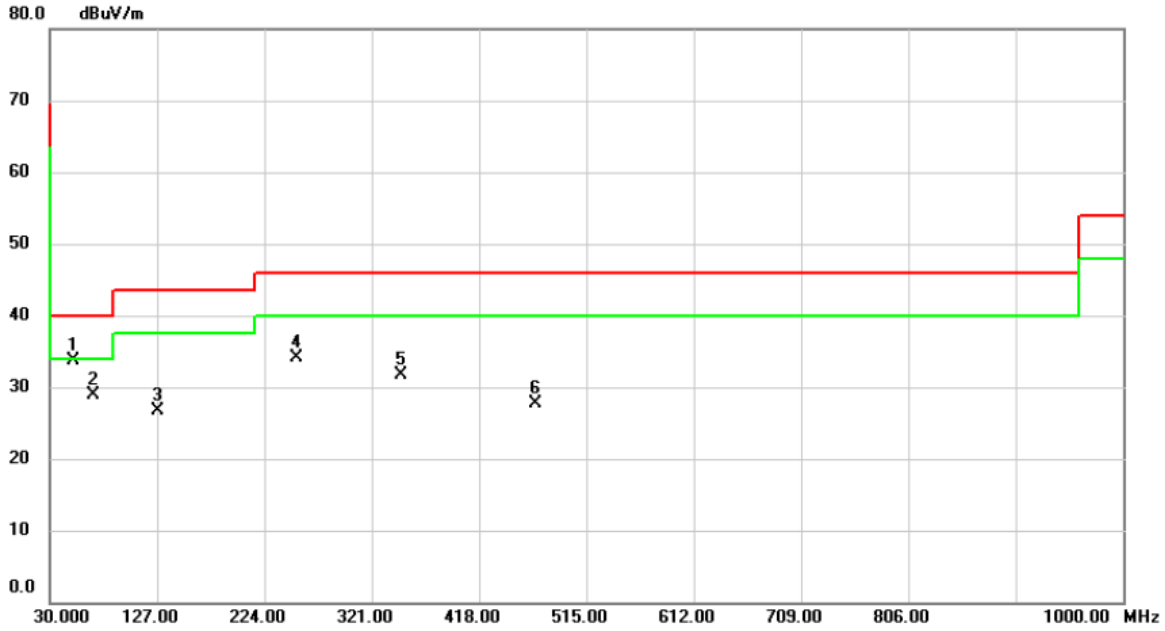
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.7700	34.54	-10.14	24.40	40.00	-15.60	peak	
2		140.5800	36.15	-9.15	27.00	43.50	-16.50	peak	
3		248.2500	39.27	-9.14	30.13	46.00	-15.87	peak	
4		342.3400	33.81	-6.42	27.39	46.00	-18.61	peak	
5		399.5700	33.27	-4.95	28.32	46.00	-17.68	peak	
6		500.4500	34.74	-2.72	32.02	46.00	-13.98	peak	
7	*	600.3600	32.90	-0.42	32.48	46.00	-13.52	peak	

Test Mode:	UNII-3/TX Mode

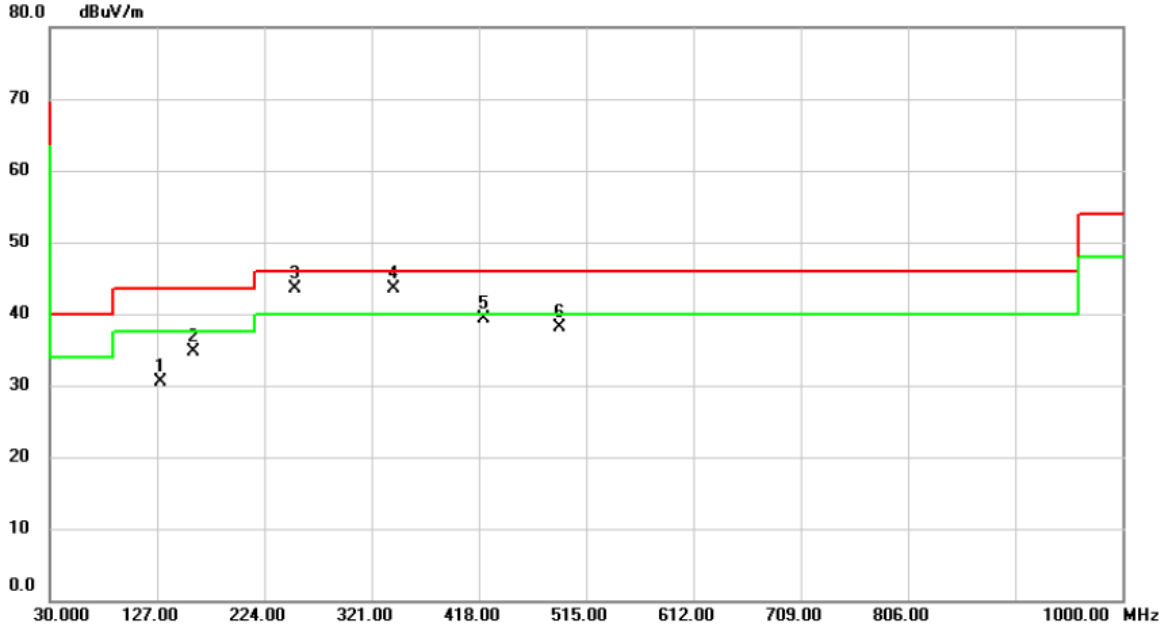
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	51.3400	41.98	-8.34	33.64	40.00	-6.36	peak	
2		69.7700	39.08	-10.14	28.94	40.00	-11.06	peak	
3		127.0000	36.40	-9.75	26.65	43.50	-16.85	peak	
4		253.1000	43.16	-8.98	34.18	46.00	-11.82	peak	
5		347.1900	38.01	-6.32	31.69	46.00	-14.31	peak	
6		468.4400	30.93	-3.25	27.68	46.00	-18.32	peak	

Test Mode:	UNII-3/TX Mode

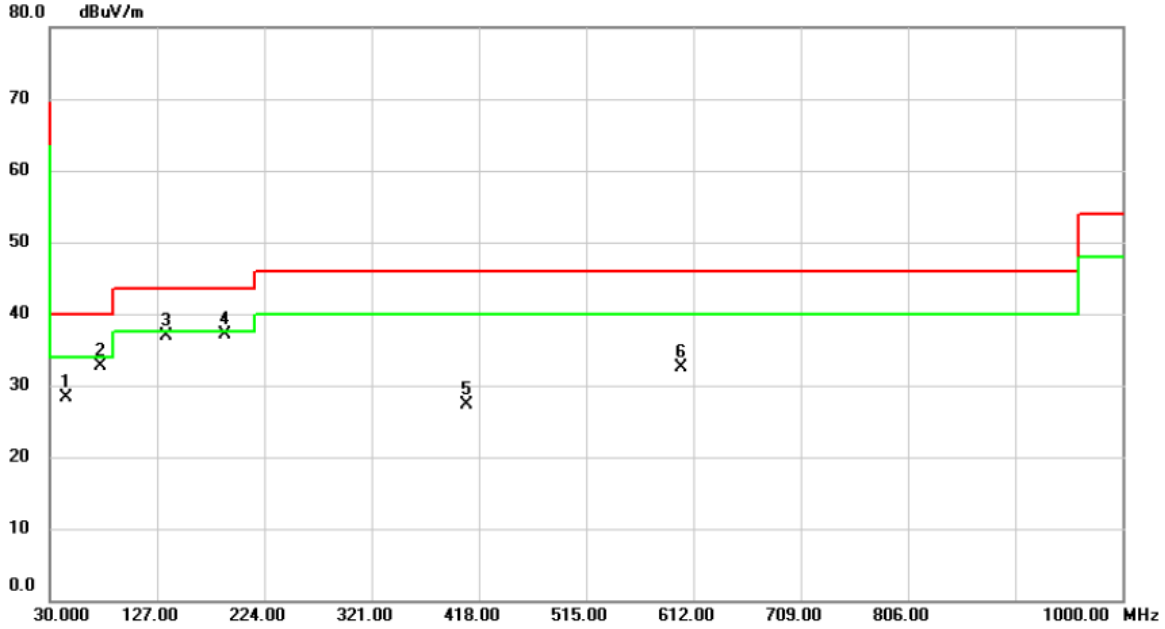
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		129.9100	40.07	-9.58	30.49	43.50	-13.01	peak	
2		159.9800	43.32	-8.58	34.74	43.50	-8.76	peak	
3	*	252.1300	52.58	-9.01	43.57	46.00	-2.43	peak	
4	!	340.4000	49.96	-6.48	43.48	46.00	-2.52	peak	
5		421.8800	43.56	-4.33	39.23	46.00	-6.77	peak	
6		490.7500	40.95	-2.88	38.07	46.00	-7.93	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

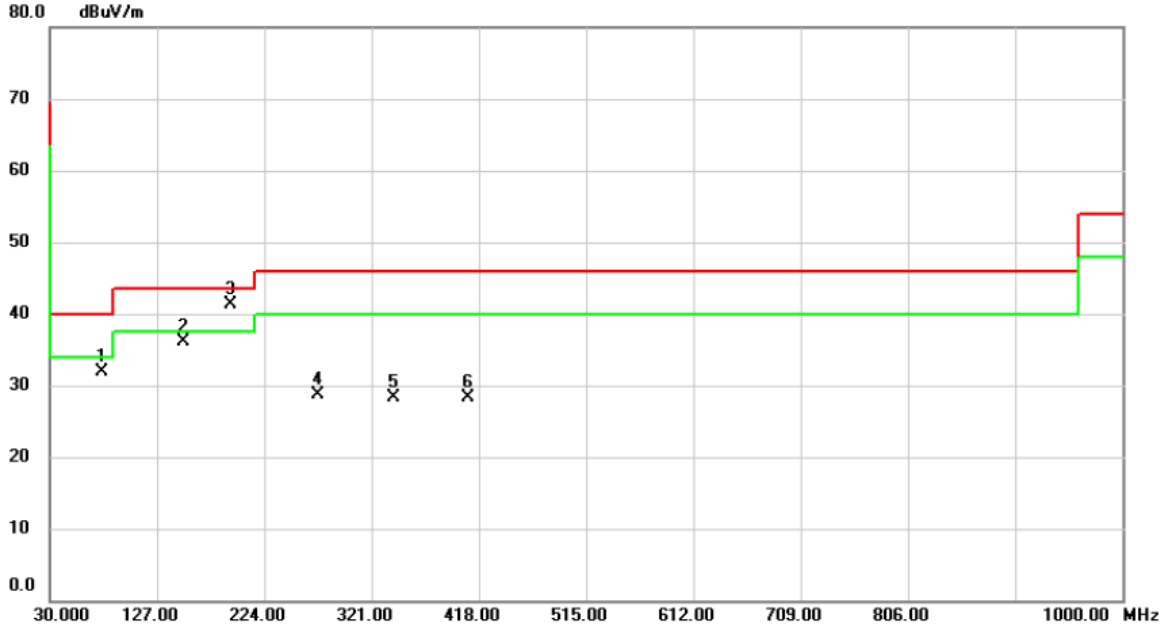
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		44.5500	36.86	-8.58	28.28	40.00	-11.72	peak	
2		75.5900	43.75	-11.13	32.62	40.00	-7.38	peak	
3		135.7300	46.31	-9.33	36.98	43.50	-6.52	peak	
4	*	188.1100	47.34	-10.20	37.14	43.50	-6.36	peak	
5		406.3600	32.10	-4.77	27.33	46.00	-18.67	peak	
6		600.3600	32.94	-0.42	32.52	46.00	-13.48	peak	

Test Mode:	UNII-1/TX Mode_Desk Docking

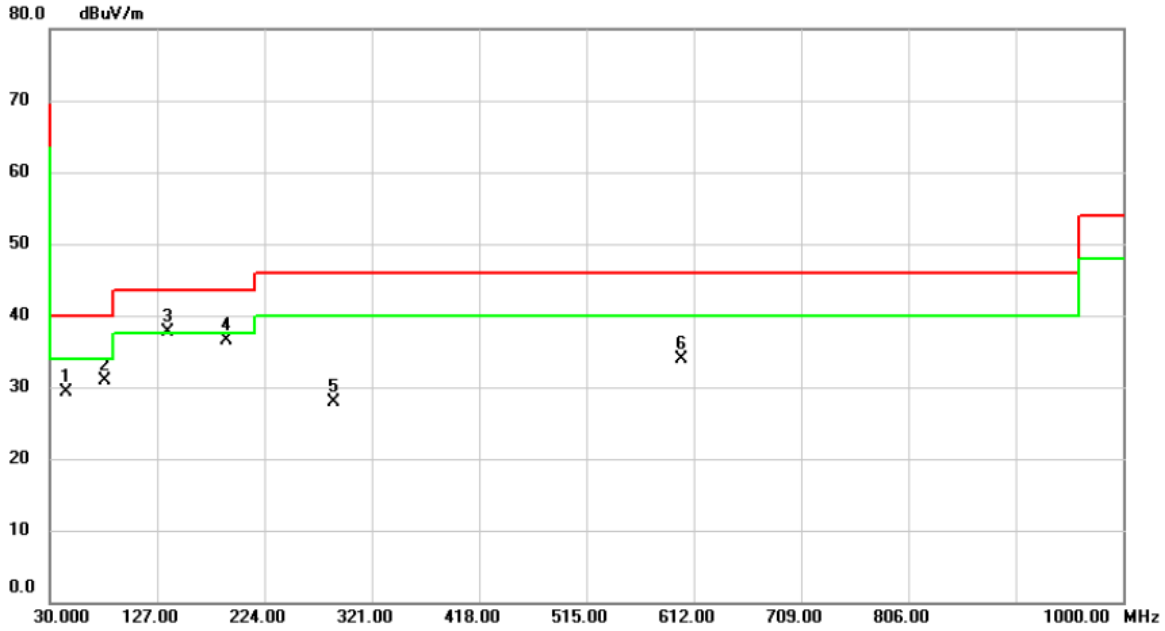
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	43.20	-11.30	31.90	40.00	-8.10	peak	
2		150.2800	45.08	-8.95	36.13	43.50	-7.37	peak	
3	*	192.9600	51.76	-10.42	41.34	43.50	-2.16	peak	
4		272.5000	36.96	-8.34	28.62	46.00	-17.38	peak	
5		340.4000	34.77	-6.48	28.29	46.00	-17.71	peak	
6		408.3000	33.07	-4.71	28.36	46.00	-17.64	peak	

Test Mode:	UNII-2A/TX Mode_Desk Docking

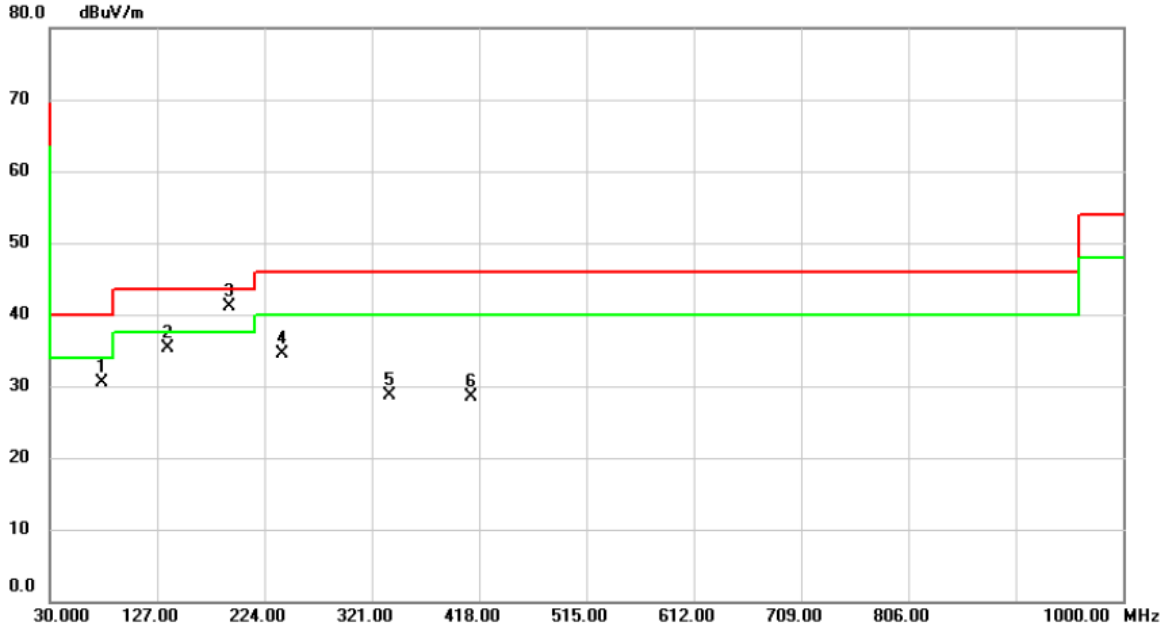
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		44.5500	37.87	-8.58	29.29	40.00	-10.71	peak	
2		79.4700	42.72	-11.78	30.94	40.00	-9.06	peak	
3	*	136.7000	46.99	-9.30	37.69	43.50	-5.81	peak	
4		189.0800	46.74	-10.27	36.47	43.50	-7.03	peak	
5		287.0500	35.81	-7.81	28.00	46.00	-18.00	peak	
6		600.3600	34.41	-0.42	33.99	46.00	-12.01	peak	

Test Mode:	UNII-2A/TX Mode_Desk Docking

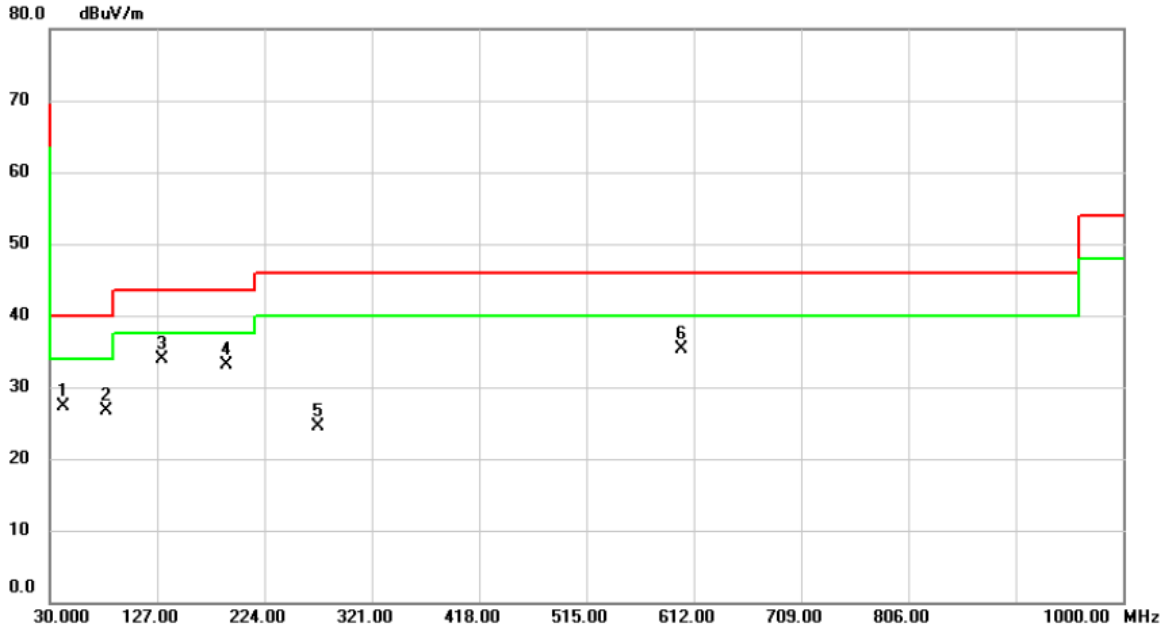
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	41.75	-11.30	30.45	40.00	-9.55	peak	
2		136.7000	44.68	-9.30	35.38	43.50	-8.12	peak	
3	*	191.9900	51.51	-10.40	41.11	43.50	-2.39	peak	
4		240.4900	43.81	-9.38	34.43	46.00	-11.57	peak	
5		336.5200	35.36	-6.57	28.79	46.00	-17.21	peak	
6		411.2100	33.13	-4.63	28.50	46.00	-17.50	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

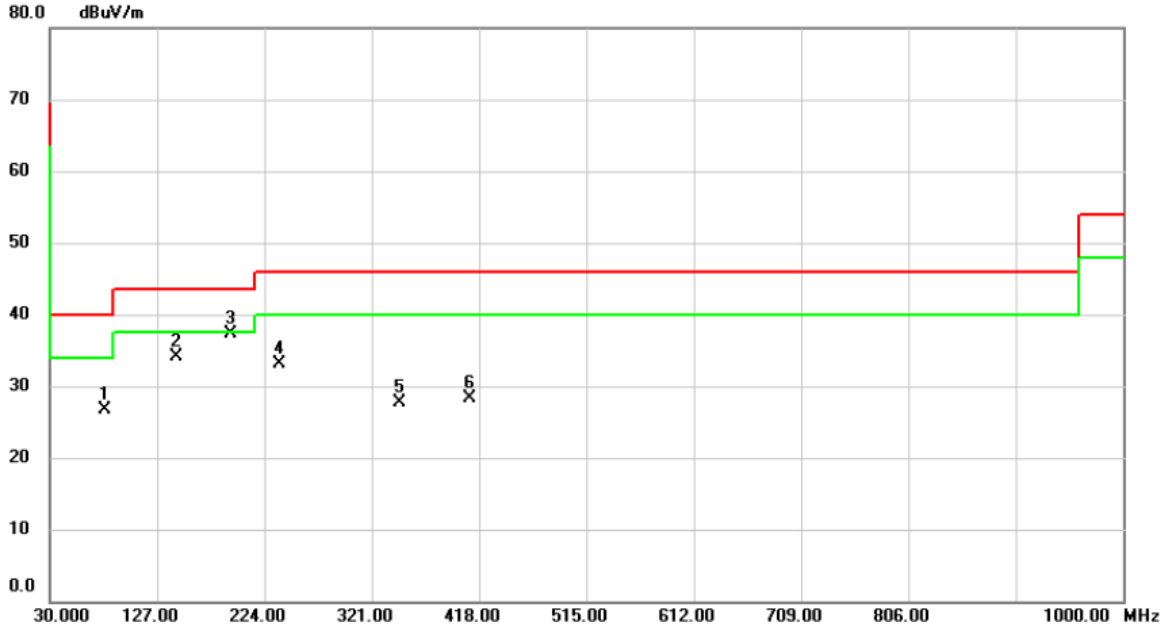
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		42.6100	35.77	-8.54	27.23	40.00	-12.77	peak	
2		80.4400	38.55	-11.94	26.61	40.00	-13.39	peak	
3	*	131.8500	43.40	-9.50	33.90	43.50	-9.60	peak	
4		190.0500	43.38	-10.33	33.05	43.50	-10.45	peak	
5		272.5000	32.82	-8.34	24.48	46.00	-21.52	peak	
6		600.3600	35.68	-0.42	35.26	46.00	-10.74	peak	

Test Mode:	UNII-2C/TX Mode_Desk Docking

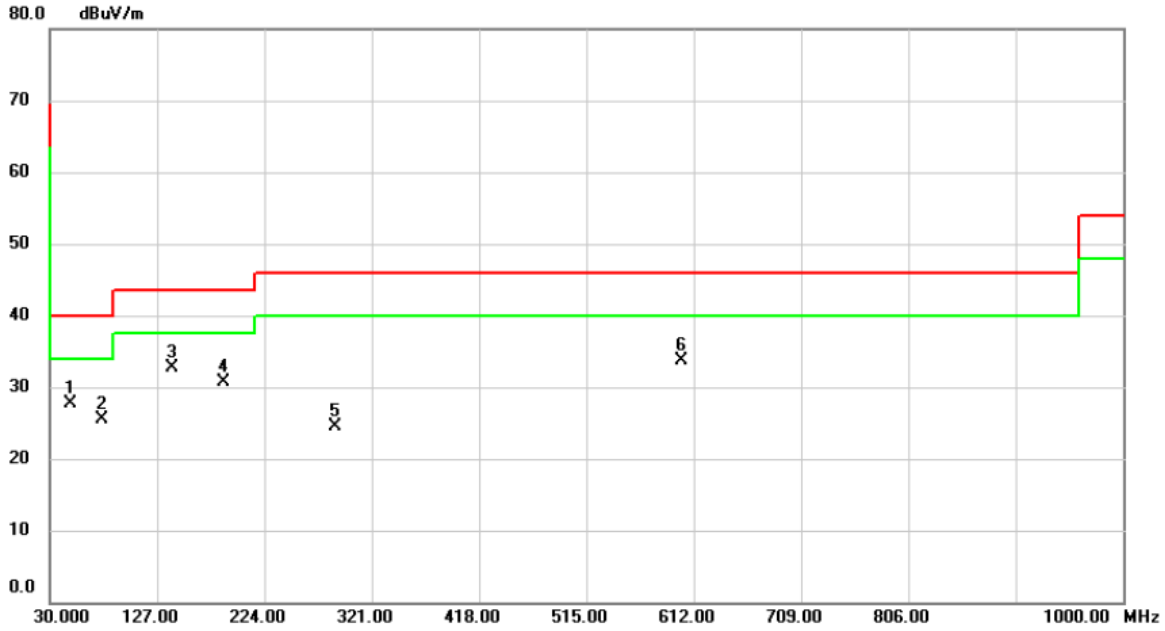
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		79.4700	38.51	-11.78	26.73	40.00	-13.27	peak	
2		144.4600	43.22	-9.07	34.15	43.50	-9.35	peak	
3	*	192.9600	47.72	-10.42	37.30	43.50	-6.20	peak	
4		237.5800	42.66	-9.57	33.09	46.00	-12.91	peak	
5		346.2200	33.99	-6.34	27.65	46.00	-18.35	peak	
6		409.2700	32.96	-4.69	28.27	46.00	-17.73	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

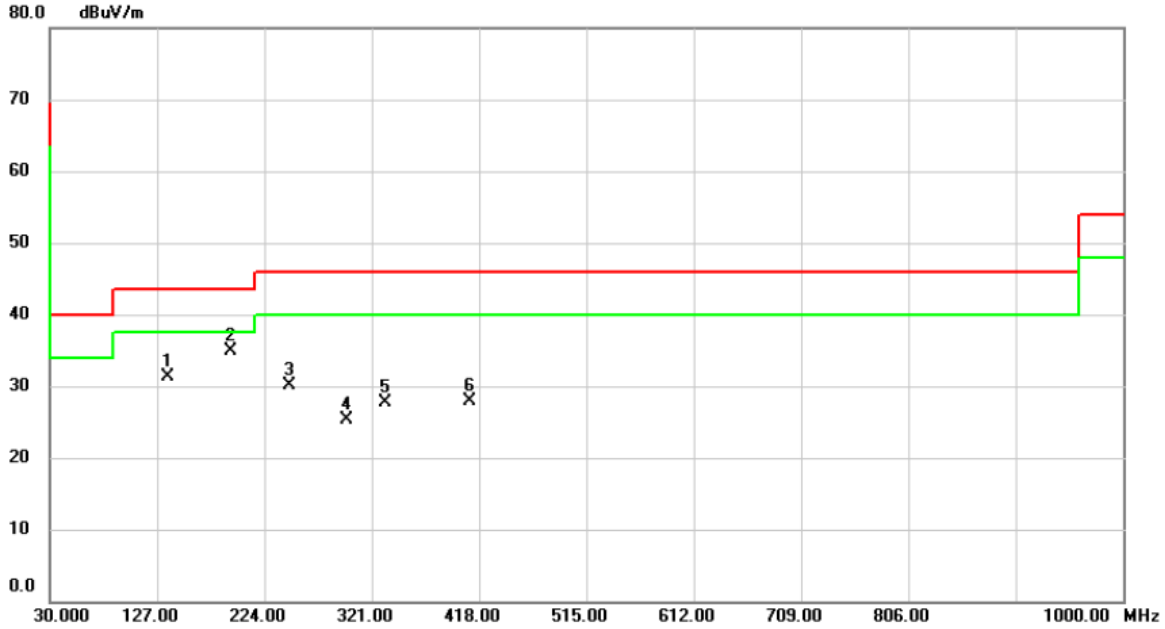
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		48.4300	36.00	-8.38	27.62	40.00	-12.38	peak	
2		77.5300	37.01	-11.46	25.55	40.00	-14.45	peak	
3	*	140.5800	41.94	-9.15	32.79	43.50	-10.71	peak	
4		187.1400	40.82	-10.12	30.70	43.50	-12.80	peak	
5		288.0200	32.31	-7.77	24.54	46.00	-21.46	peak	
6		600.3600	34.16	-0.42	33.74	46.00	-12.26	peak	

Test Mode:	UNII-3/TX Mode_Desk Docking

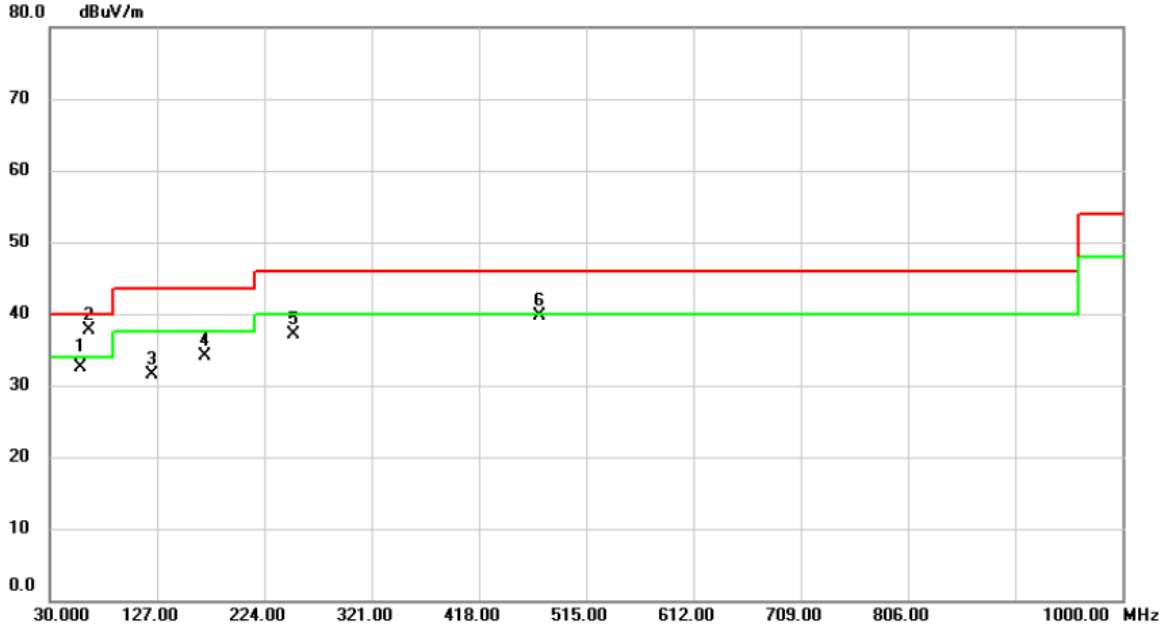
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		136.7000	40.68	-9.30	31.38	43.50	-12.12	peak	
2	*	192.9600	45.41	-10.42	34.99	43.50	-8.51	peak	
3		246.3100	39.26	-9.19	30.07	46.00	-15.93	peak	
4		298.6900	32.87	-7.52	25.35	46.00	-20.65	peak	
5		333.6100	34.31	-6.65	27.66	46.00	-18.34	peak	
6		409.2700	32.68	-4.69	27.99	46.00	-18.01	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

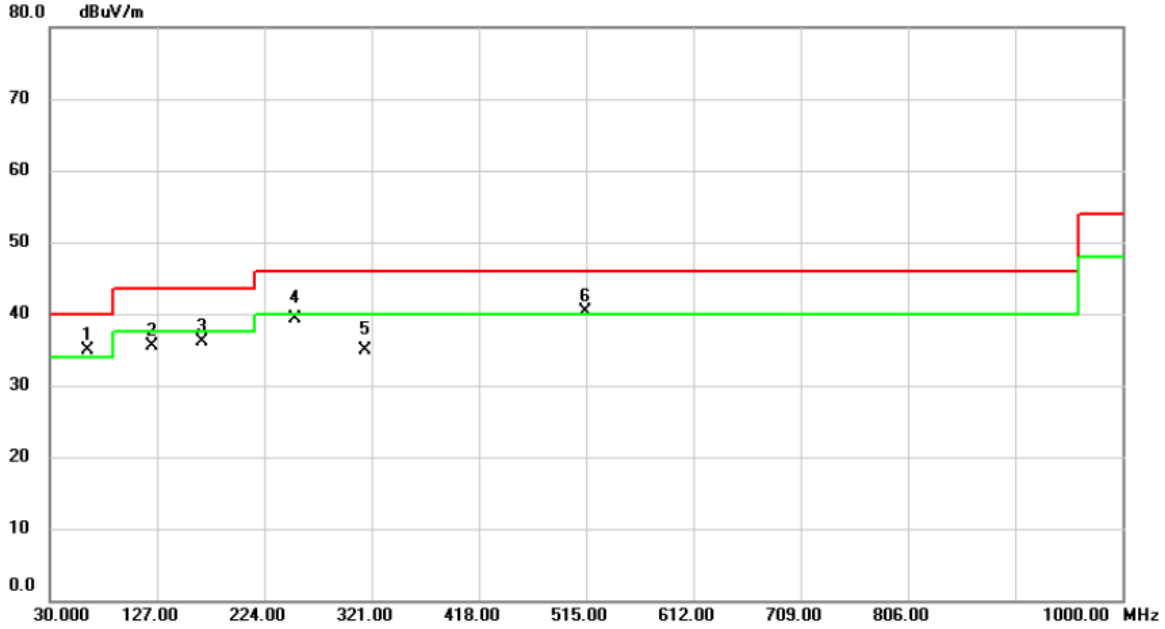
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		58.1300	40.27	-7.75	32.52	40.00	-7.48	QP	
2	*	65.8900	46.45	-8.81	37.64	40.00	-2.36	peak	
3		122.1500	41.17	-9.63	31.54	43.50	-11.96	peak	
4		169.6800	41.87	-7.78	34.09	43.50	-9.41	peak	
5		250.1900	45.49	-8.42	37.07	46.00	-8.93	peak	
6		473.2900	41.94	-2.16	39.78	46.00	-6.22	peak	

Test Mode:	UNII-1/TX Mode_VESA Docking

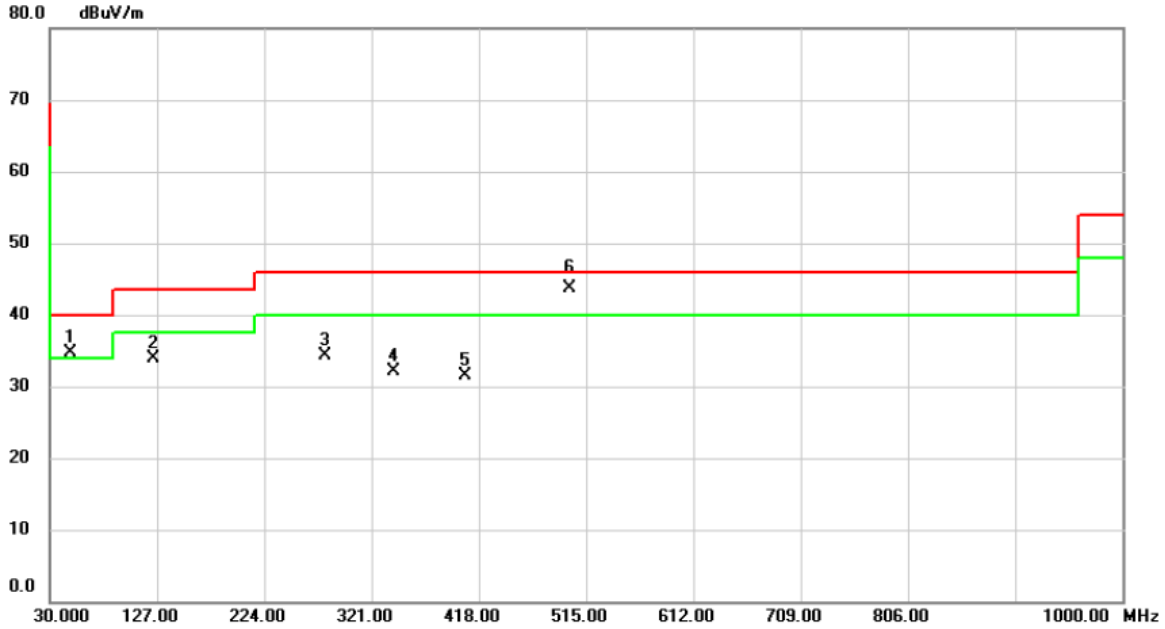
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	63.9500	43.39	-8.50	34.89	40.00	-5.11	peak	
2		122.1500	45.16	-9.63	35.53	43.50	-7.97	peak	
3		167.7400	43.84	-7.69	36.15	43.50	-7.35	peak	
4		251.1600	47.80	-8.40	39.40	46.00	-6.60	QP	
5		315.1800	41.21	-6.37	34.84	46.00	-11.16	QP	
6	!	514.0300	41.84	-1.62	40.22	46.00	-5.78	peak	

Test Mode:	UNII-2A/TX Mode_VESA Docking

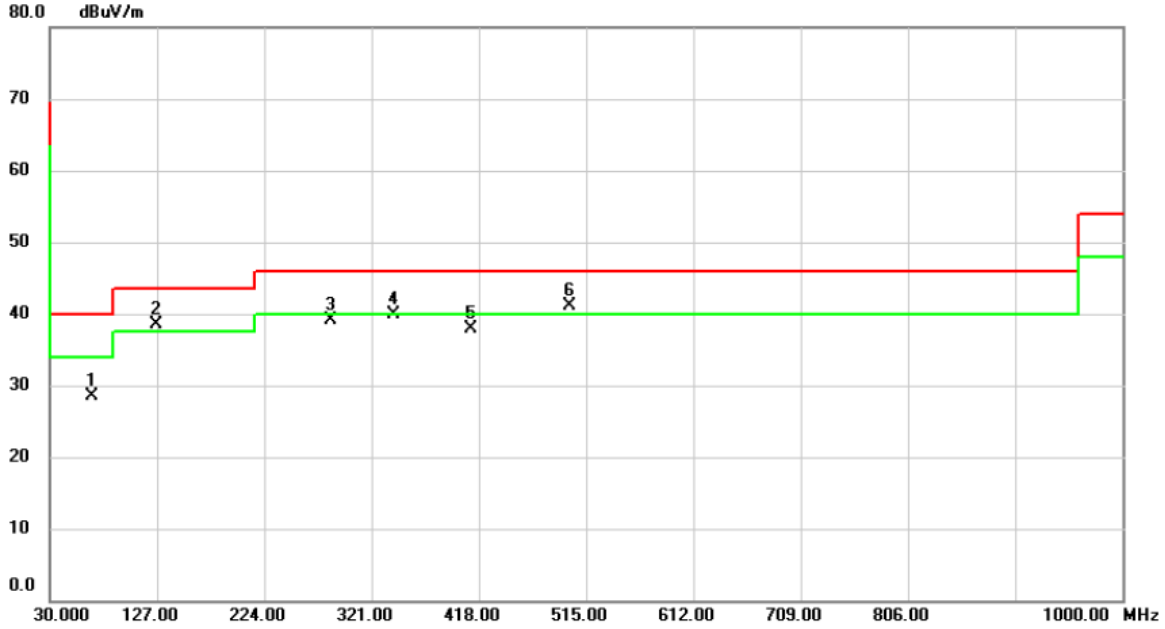
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	48.4300	42.99	-8.38	34.61	40.00	-5.39	peak	
2		124.0900	43.75	-9.92	33.83	43.50	-9.67	peak	
3		278.3200	42.37	-8.10	34.27	46.00	-11.73	peak	
4		341.3700	38.61	-6.46	32.15	46.00	-13.85	peak	
5		405.3900	36.20	-4.79	31.41	46.00	-14.59	peak	
6	*	499.4800	46.54	-2.74	43.80	46.00	-2.20	QP	

Test Mode:	UNII-2A/TX Mode_VESA Docking

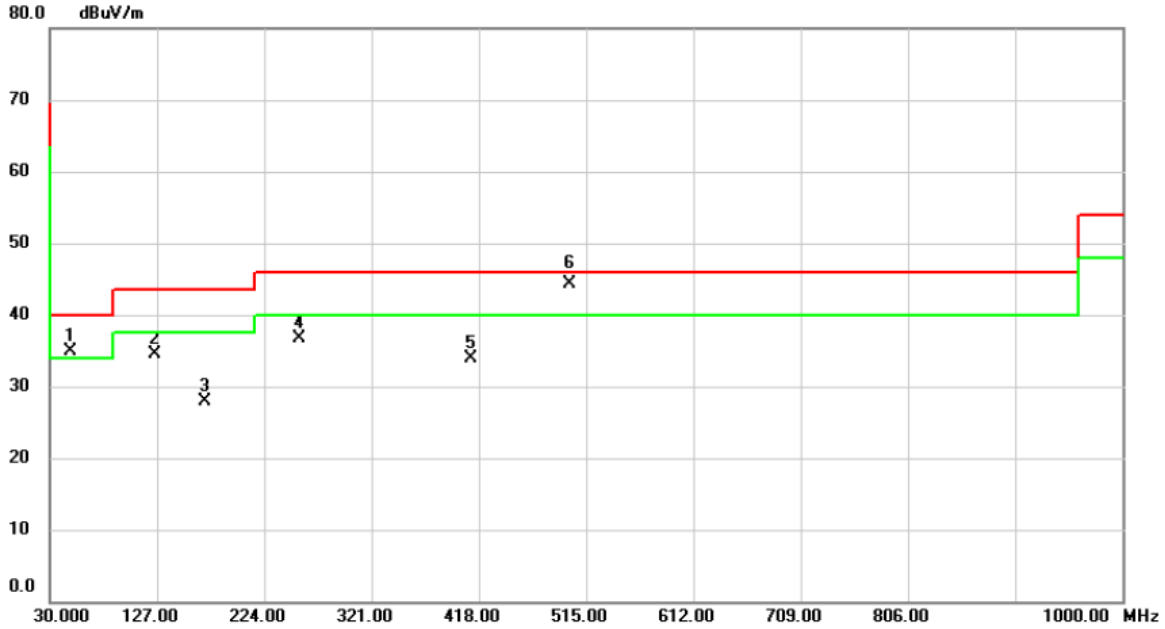
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		67.8300	38.39	-9.83	28.56	40.00	-11.44	peak	
2	!	126.0300	48.25	-9.81	38.44	43.50	-5.06	peak	
3		284.1400	46.94	-7.89	39.05	46.00	-6.95	peak	
4		341.3700	46.36	-6.46	39.90	46.00	-6.10	peak	
5		410.2400	42.65	-4.65	38.00	46.00	-8.00	peak	
6	*	499.4800	43.81	-2.74	41.07	46.00	-4.93	peak	

Test Mode:	UNII-2C/TX Mode_VESA Docking

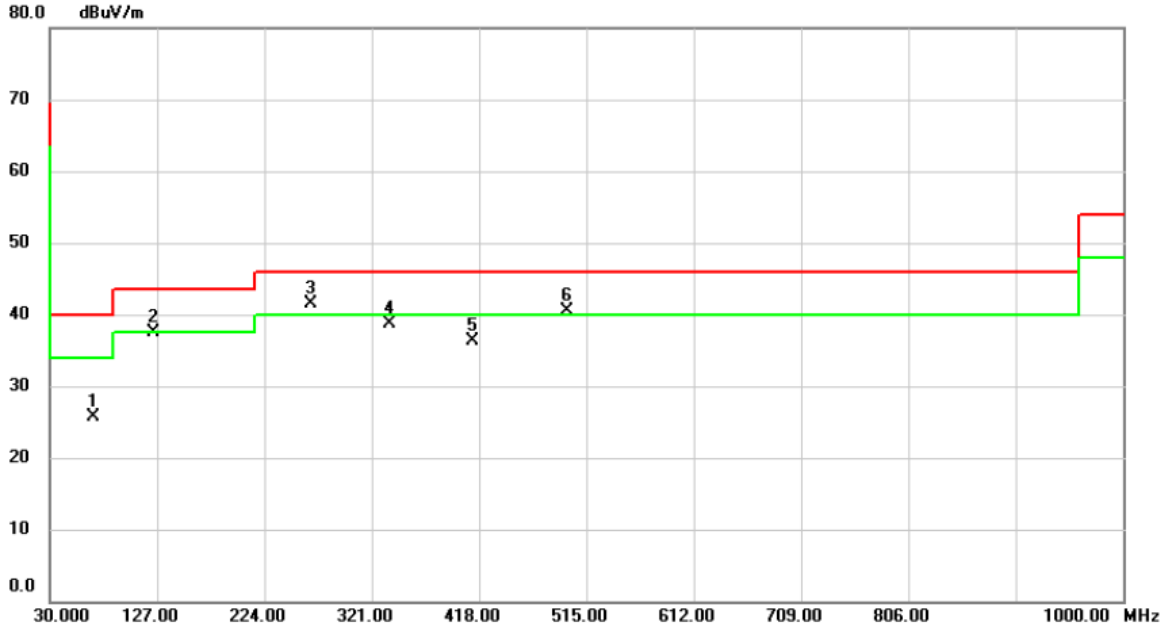
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	48.4300	43.21	-8.38	34.83	40.00	-5.17	peak	
2		125.0600	44.29	-9.87	34.42	43.50	-9.08	peak	
3		170.6500	36.52	-8.66	27.86	43.50	-15.64	peak	
4		255.0400	45.72	-8.93	36.79	46.00	-9.21	peak	
5		410.2400	38.48	-4.65	33.83	46.00	-12.17	peak	
6	*	499.4800	46.95	-2.74	44.21	46.00	-1.79	QP	

Test Mode:	UNII-2C/TX Mode_VESA Docking

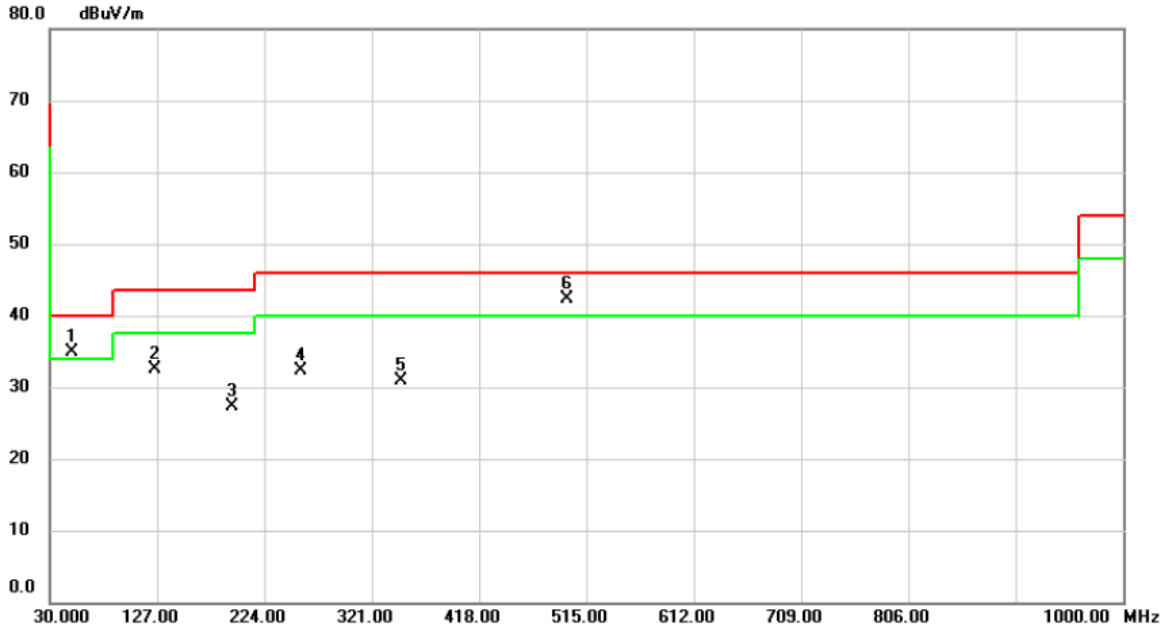
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		68.8000	35.60	-9.99	25.61	40.00	-14.39	peak	
2		123.1200	47.40	-9.98	37.42	43.50	-6.08	peak	
3	*	265.7100	50.09	-8.59	41.50	46.00	-4.50	peak	
4		336.5200	45.30	-6.57	38.73	46.00	-7.27	peak	
5		412.1800	40.88	-4.61	36.27	46.00	-9.73	peak	
6	!	497.5400	43.24	-2.77	40.47	46.00	-5.53	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

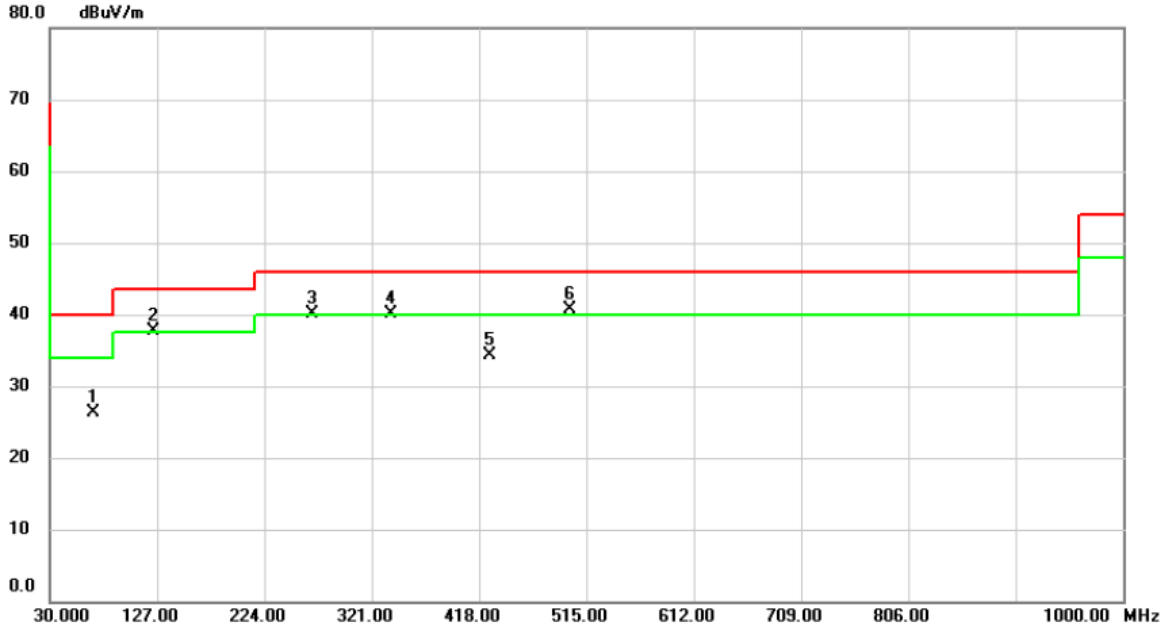
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	49.4000	43.24	-8.33	34.91	40.00	-5.09	peak	
2		125.0600	42.30	-9.87	32.43	43.50	-11.07	peak	
3		194.9000	37.70	-10.49	27.21	43.50	-16.29	peak	
4		256.9800	41.14	-8.86	32.28	46.00	-13.72	peak	
5		347.1900	37.30	-6.32	30.98	46.00	-15.02	peak	
6	*	497.5400	45.14	-2.77	42.37	46.00	-3.63	peak	

Test Mode:	UNII-3/TX Mode_VESA Docking

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		68.8000	36.24	-9.99	26.25	40.00	-13.75	peak	
2	!	124.0900	47.62	-9.92	37.70	43.50	-5.80	peak	
3	!	267.6500	48.55	-8.52	40.03	46.00	-5.97	peak	
4	!	338.4600	46.62	-6.53	40.09	46.00	-5.91	peak	
5		427.7000	38.54	-4.18	34.36	46.00	-11.64	peak	
6	*	499.4800	43.36	-2.74	40.62	46.00	-5.38	peak	