RADIO TEST REPORT

Product	:	MiiS Horus Control Unit Set
Model Name	:	MiiS Horus Scope DSC 300P
Model No. of Lens	:	MiiS Horus Scope DEC 100, MiiS Horus Scope EEC 100, MiiS Horus Scope DEA 100, Illumination Light Source (ILS 100), MiiS Horus Scope DEA 200P, MiiS Horus Scope DGC 100, MiiS Horus Scope DOC 100S, MiiS Horus Scope DOC 300S, MiiS Horus Scope DDC 100, MiiS Horus Scope DDC 200, MiiS Horus Scope Adapter 300
FCC ID	:	2AFB3M-DSC300P
Test Regulation	:	FCC 47 CFR Part 15 Subpart C (Section 15.247)
Received Date	:	May 28, 2019
Test Date	:	May 28, 2019 ~ Jul. 11, 2019
Issued Date	:	Aug. 20, 2019
Applicant	:	Medimaging Integrated Solution Inc. 3F., No.24-2, Industry E. Rd. IV, Hsinchu Science Park, Hsinchu, Taiwan 30077, R.O.C.
Issued By	:	Underwriters Laboratories Taiwan Co., Ltd. Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Testing Laboratory
3398

The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report are responsible of the test sample(s) provided by the client only and are not to be used to indicate applicability to other similar products.

REVISION HISTORY

Original Test Report No.: 4788934758-US-R1-V0

Rev.	Test report No.	Date	Page revised	Contents
Original	4788934758-US-R1-V0	Aug. 20, 2019	-	Initial issue

Table Of Contents

1. Attestation of Test Results

APPLICANT:	Medimaging Integrated Solution Inc. 3F., No.24-2, Industry E. Rd. IV, Hsinchu Science Park, Hsinchu, Taiwan 30077, R.O.C.
MANUFACTURER:	Medimaging Integrated Solution Inc. 3F., No.24-2, Industry E. Rd. IV, Hsinchu Science Park, Hsinchu, Taiwan 30077, R.O.C.
EUT DESCRIPTION:	MiiS Horus Control Unit Set
BRAND:	horus SCOPE
MODEL:	MiiS Horus Scope DSC 300P
MODEL NO. OF LENS:	MiiS Horus Scope DEC 100, MiiS Horus Scope EEC 100, MiiS Horus Scope DEA 100, Illumination Light Source (ILS 100), MiiS Horus Scope DEA 200P, MiiS Horus Scope DGC 100, MiiS Horus Scope DOC 100S, MiiS Horus Scope DOC 300S, MiiS Horus Scope DDC 100, MiiS Horus Scope DDC 200, MiiS Horus Scope Adapter 300
SAMPLE STAGE:	Production equivalent
DATE of TESTED:	May 28, 2019 ~ Jul. 11, 2019

APPLICABLE STANDARDS	
STANDARD	**Test Results**
FCC 47 CFR PART 15 Subpart C (Section 15.247)	PASS

Underwriters Laboratories Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Underwriters Laboratories Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Underwriters Laboratories Taiwan Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Underwriters Laboratories Taiwan Co., Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Prepared By:

Evelyn Lee Date : Aug. 20, 2019
Project Handler

Approved and Authorized By:

Stanley Wu Date : Aug. 20, 2019
Senior Project Engineer

2. Summary of Test Results

Summary of Test Results		
FCC Clause	**Test Items**	**Result**
15.247(a)(2)	6dB Bandwidth	PASS
15.247(b)	Conducted Output Power	PASS
15.247(e)	Power Spectral Density	PASS
15.247(d)	Antenna Port Emission	PASS
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	PASS
15.207	AC Power Conducted Emission	PASS
15.203	Antenna Requirement	PASS

Note:
1. For the Radiated Band Edge test plots were recorded in Appendix I, the Radiated Emissions test plots were recorded in Appendix II.

3. Test Methodology

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15, KDB558074 D01 DTS Meas Guidance v05r02, KDB414788 D01 Radiated Test Site v01r01, ANSI C63.10-2013.

4. Facilities and Accreditation

Test Location	Underwriters Laboratories Taiwan Co., Ltd.
Address	Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan
Accreditation Certificate	Underwriters Laboratories Taiwan Co., Ltd. is accredited by TAF, Laboratory Code 3398. The full scope of accreditation can be viewed at http://accreditation.taftw.org.tw/taf/public/basic/viewApplyItems.action?unitNo=3398

5. Measurement Uncertainty

For statement of conformity, accuracy method (Section 8.2.4 and 8.2.5 of ISO Guide 98-4) was applied as decision rule for measurement in this test report.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor k=2.

Test Item	Measurement Frequency Range	K	U(dB)
Conducted disturbance at mains terminals ports	0.15MHz ~ 30MHz	2	1.7
RF Conducted	9 kHz - 40GHz	2	1.0
Radiated disturbance below 30MHz	9 kHz - 30 MHz	2	2.2
Radiated disturbance below 1 GHz	30MHz ~ 1GHz	2	5.3
Radiated disturbance above 1GHz	1GHz ~ 40GHz	2	4.8

6. Equipment under Test

6.1. Description of EUT

Product	MiiS Horus Control Unit Set
Brand Name	horus SCOPE
Model Name	MiiS Horus Scope DSC 300P
Model No. of Lens	MiiS Horus Scope DEC 100, MiiS Horus Scope EEC 100, MiiS Horus Scope DEA 100, Illumination Light Source (ILS 100), MiiS Horus Scope DEA 200P, MiiS Horus Scope DGC 100, MiiS Horus Scope DOC 100S, MiiS Horus Scope DOC 300S, MiiS Horus Scope DDC 100, MiiS Horus Scope DDC 200, MiiS Horus Scope Adapter 300
Operating Frequency	2402MHz ~ 2480MHz
Modulation	GFSK
Transfer Rate	Up to 1 Mbps
Number of Channel	40
Maximum Output Power	-9.63 dBm
Normal Voltage	5Vdc (adapter or host equipment) 3.6Vdc for battery
Hardware Version	B1
Software Version	V1.0-190620-0023.01-MI

Note:

1. The EUT contains following accessory devices

Product	Brand	Model	Description
Adapter	EDAC	EM1005AVRU	I/P:100-240Vac,50-60Hz, 0.6~0.3A O/P: 5.0 Vdc, 1.2A
Battery	Chi Jiun Tech Co.	33.0103350101	3.6 Vdc, 3350 mAh
USB AM TO MINI USB-5P	N/A	N/A	1.8 meter, shielded with core
HDMI cable	PX	HDMI-2MS	2 meter, shielded without core
Charging Station	Miis	Charging Station DSC 300	N/A
SD card	Kingston	SDCS/16G	16 GB
Portable Chin Rest	MiiS Horus	CR 100	(Optional)
Slit-Lamp Jig	MiiS Horus	Slit-Lamp Jig	(Optional)
Coupler	MiiS Horus	Coupler	(Optional)

2. The above EUT information is declared by manufacturer and for more detailed features description, please refer the manufacturer's or user's manual.

6.2. Channel List

40 channels are provided to this EUT:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

6.3. Test Condition

Test Item	Test Site No.	Environmental Condition	Input Power	Test Date	Tested by
Antenna Port Conducted Measurement	SR4	23~25 deg. C, 63~66 % RH	120Vac / 60 Hz	May 28, 2019 ~ Jun. 5, 2019	Howard Kao
Radiated Spurious Emission	966-2	24~26 deg. C, 65~70 % RH	120Vac / 60 Hz	May 28, 2019 ~ Jul. 11, 2019	Will Chen
AC power Line Conducted Emission	SR1	24~26 deg. C, 65~70 % RH	120Vac / 60 Hz	Jun. 24, 2019 ~ Jun. 25, 2019	Will Chen

FCC Test Firm Registration Number: 498077

6.4. Description Of Available Antennas

Antenna	Brand Name	Model Name	Antenna Type	Antenna Gain(dBi)
Chain(1)	Aristotle	RFA-02-AP303-70-200	PCB	2

Note: The above antenna information was provided from customer and for more detailed features description, please refer the manufacturer's specification or user's manual.

6.5. Test Mode Applicability and Tested Channel Detail

Product :	**MiiS Horus Scope DSC 300P (Control unit)**				
Combination :	**MiiS Horus Scope Adapter 300 (Horus Scope Adapter)**				
Test item	**Modulation Type**	**Available Channel**	**Test Channel**	**Data Rate**	**Power Mode**
Radiated Emissions (Above 1GHz)	GFSK	0 to 39	0,19,39	1.0	Adapter
Radiated Emissions (Below 1GHz)	GFSK	0 to 39	0	1.0	
AC Power Line Conducted Emission	GFSK	0 to 39	0	1.0	
Antenna Port Conducted Measurement	GFSK	0 to 39	0,19,39	1.0	
Radiated Emissions (Below 1GHz)	GFSK	0 to 39	0	1.0	Charging Station
AC Power Line Conducted Emission	GFSK	0 to 39	0	1.0	
Combinations :	**1. MiiS Horus Scope DDC 100 (Digital Dermatoscope)** **2. MiiS Horus Scope DDC 200 (Digital Dermatoscope)** **3. MiiS Horus Scope DEA 100 (Digital Anterior Scope)** **4. MiiS Horus Scope DEA 100 (Digital Anterior Scope) with ILS 100** **5. MiiS Horus Scope DEA 200P (Digital Anterior Scope)** **6. MiiS Horus Scope DEC 100 (Digital eye fundus camera)** **7. MiiS Horus Scope DEC 100 (Digital eye fundus camera) with CR-100** **8. MiiS Horus Scope DEC 100 (Digital eye fundus camera) with Slit-Lamp Jig** **9. MiiS Horus Scope DGC 100 (Digital Speculum)** **10. MiiS Horus Scope DOC 100S (Digital Otoscope)** **11. MiiS Horus Scope DOC 300S (Digital Otoscope)** **12. MiiS Horus Scope EEC 100 (Digital Ophthalmoscope)** **13. MiiS Horus Scope EEC 100 (Digital Ophthalmoscope) with CR-100** **14. MiiS Horus Scope EEC 100 (Digital Ophthalmoscope) with Slit-Lamp Jig**				
Test item	**Modulation Type**	**Available Channel**	**Test Channel**	**Data Rate**	**Power Mode**
Radiated Emissions	GFSK	0 to 39	0	1.0	Adapter

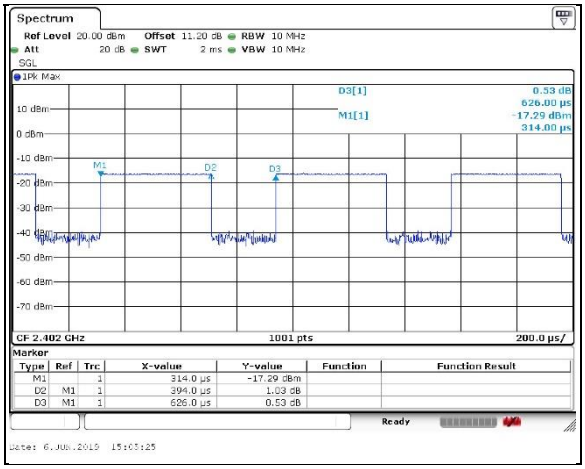
Note:
1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
2. For below 1 GHz radiated emission and AC power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case.

3. For Antenna Port Conducted Measurement, this item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
4. The fundamental of the EUT was investigated in three orthogonal axes X/Y/Z, it was determined that Y axis was worst-case . Therefore, all final radiated testing was performed with the EUT in Y axis.
5. For 9 kHz to 30 MHz, the loop antenna is studied in three polarization parallel/vertical/ground parallel directions, and parallel polarization has been determined to be the worst case of pre-scan radiation.
6. Pre-scan radiation has been determined by the product MiiS Horus Scope DSC 300P with MiiS Horus Scope Adapter 300 (the worst case). Therefore, other combinations mode were verified test at Radiated Emissions only.

6.6. Duty cycle

Duty cycle of test signal is < 98 %, duty factor shall be considered.

Duty cycle = 0.394/0.626 = 0.629, Duty factor = 10 * log(1/0.629) = 2.01



7. Test Equipment

Test Equipment List					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date**	**Cal. Interval**
Radiated Spurious Emission					
Spectrum Analyzer	Keysight	N9010A	MY56070827	Nov. 8, 2018	1 year
EMI Test Receiver	Rohde & Schwarz	ESR7	101754	Nov. 8, 2018	1 year
Loop Antenna	ETS lindgren	6502	00213440	Dec. 11, 2018	1 year
Trilog-Broadband Antenna with 5dB Attenuator	Schwarzbeck & EMCI	VULB 9168 & N-6-05	774 & AT-N0538	Jan. 14, 2019	1 year
Horn Antenna (1-18 GHz)	Schwarzbeck	BBHA 9120 D	01690	Jan. 25, 2019	1 year
Horn Antenna (18-40 GHz)	Schwarzbeck	BBHA 9170	781	Jan.16, 2019	1 year
Preamplifier (30-1000 MHz)	EMCI	EMC330E	980405	Jan. 30, 2019	1 year
Preamplifier (1-18 GHz)	EMCI	EMC051835BE	980406	Jan. 29, 2019	1 year
Preamplifier (18-40GHz)	EMCI	EMC184040SE E	980426	May 8, 2019	1 year
RF Cable (9 KHz~18 GHz)	UltraPhase & EMC Instrument	A1K50-UP0358-A1K50-1500&EMC106-NM-SM-2500/7000	170111-4&170219/170102	Jan. 29, 2019	1 year
RF Cable (18 GHz~40 GHz)	UltraPhase	K1K50-UP0264-K1K50-2500/2500/600	170214-2/170214-6/170111-1	Jan. 29, 2019	1 year

Test Equipment List					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date**	**Cal. Interval**
Antenna Port Conducted Measurement					
Spectrum Analyzer	Keysight	N9010A	MY56070834	Nov. 8, 2018	1 year
Spectrum Analyzer	Rohde & Schwarz	FSV40	101490	Sep. 25, 2018	1 year
Pulse Power Sensor	Anrisu	MA2411B	1531202	Dec. 17, 2018	1 year
Power Meter	Anrisu	ML2495A	1645002	Dec. 17, 2018	1 year
AC power Line Conducted Emission					
EMI Test Receiver	Rohde & Schwarz	ESR7	101753	Nov. 14, 2018	1 year
Two-Line V-Network	Rohde & Schwarz	ENV216	102136	Aug. 5, 2018	1 year
Impuls-Begrenzer Pulse Limiter	Rohde & Schwarz	ESH3-Z2	102219-Qt	Aug. 2, 2018	1 year
Cables	Huber+Suhner	RG 214/U	FCC-BCICF-4_RF	Jan. 29, 2019	1 year

UL Software		
Description	**Name**	**Version**
Radiated measurement	EZ_EMC	1.1.4.2
Conducted measurement	Keysight.TestSystem	1.0.0.0
AC power Line Conducted Emission	EZ_EMC	1.1.4.2

8. Description of Test Setup

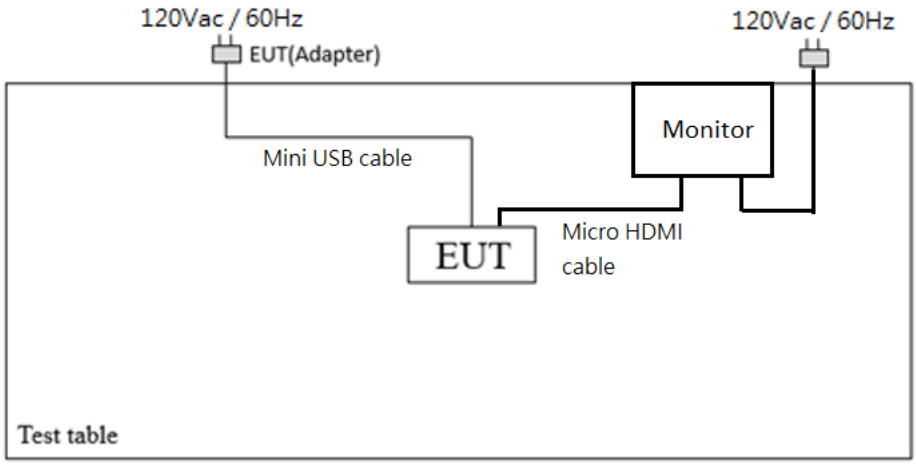
Support Equipment

Item	Equipment	Brand Name	Model Name	S/N
1	Notebook	DELL	Latitude E5470	3JFKWF2
2	Monitor	DELL	UP3216Q	CN-02GX26-74445-72O-915P

Test Setup

Controlled using a bespoke application (RTL11ac_8822BU_USB_v6.00) on a test Notebook. The application was used to enable a continuous transmission mode and to select the test channels, data rates, modulation schemes and power setting as required.

Setup Diagram for Test



9. Test Results

9.1. 6dB Bandwidth

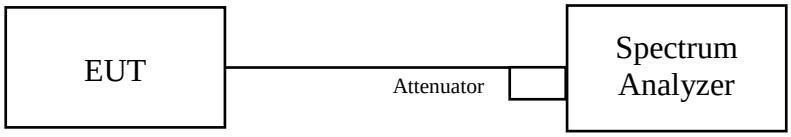
Requirements

The minimum 6 dB bandwidth shall be at least 500 kHz.

Test procedure

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

Test Setup

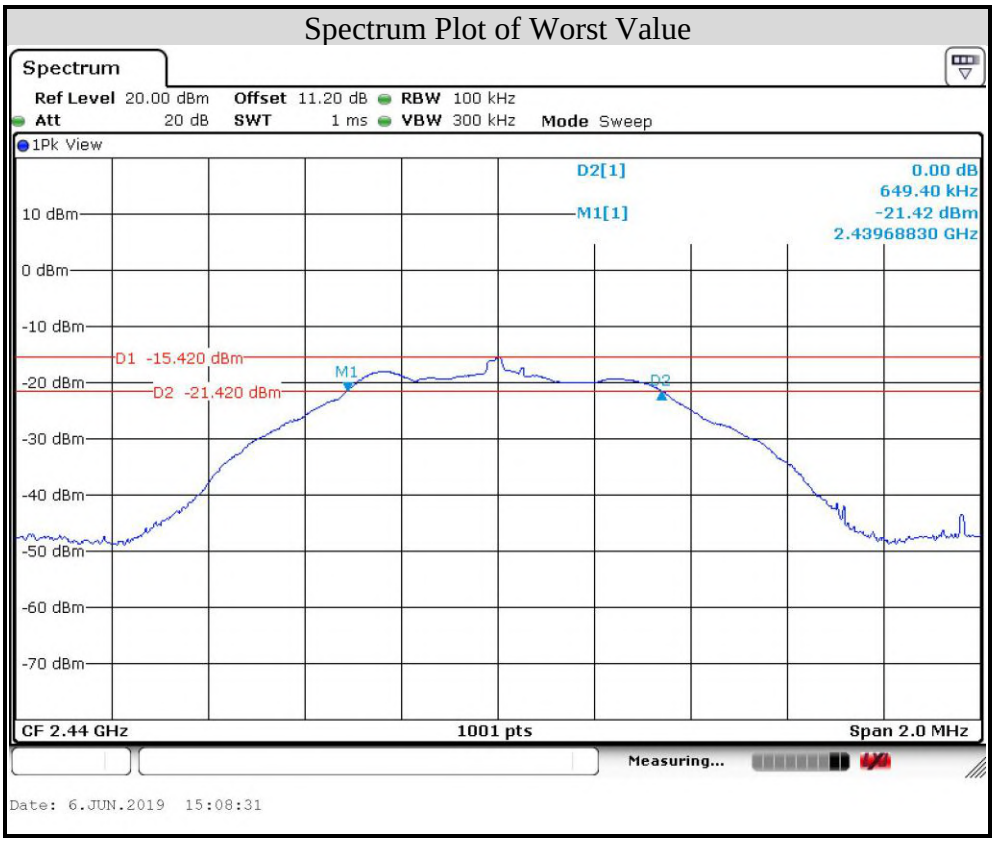


The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

Test Data

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
0	2402	0.7093	0.5	Pass
19	2440	0.6494	0.5	Pass
39	2480	0.7333	0.5	Pass

Spectrum Plot of Worst Value



9.2. Conducted output power

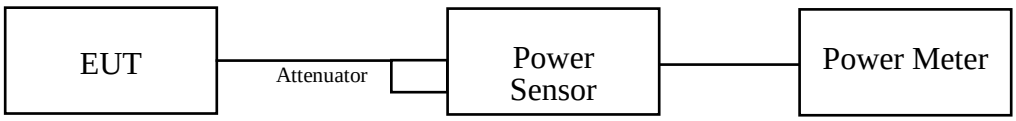
Requirements

For systems using digital modulation in the 2400-2483.5 MHz bands: 1 Watt.

Test Procedure

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Test Setup



The loss between RF output port of the EUT and the input port of the Power Meter has been taken into consideration.

Test Data

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
0	2402	0.11	-9.63	30	Pass
19	2440	0.10	-9.83	30	Pass
39	2480	0.09	-10.62	30	Pass

9.3. Power Spectral Density

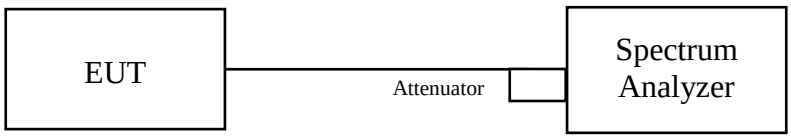
Requirements

The Maximum of Power Spectral Density Measurement is 8dBm in any 3 kHz.

Test procedure

a. Set analyzer center frequency to DTS channel center frequency.
b. Set the span to 1.5 times the DTS bandwidth.
c. Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
d. Set the VBW ≥ 3 × RBW.
e. Detector = peak.
f. Sweep time = auto couple.
g. Trace mode = max hold.
h. Allow trace to fully stabilize.
i. Use the peak marker function to determine the maximum amplitude level within the RBW.

Test Setup

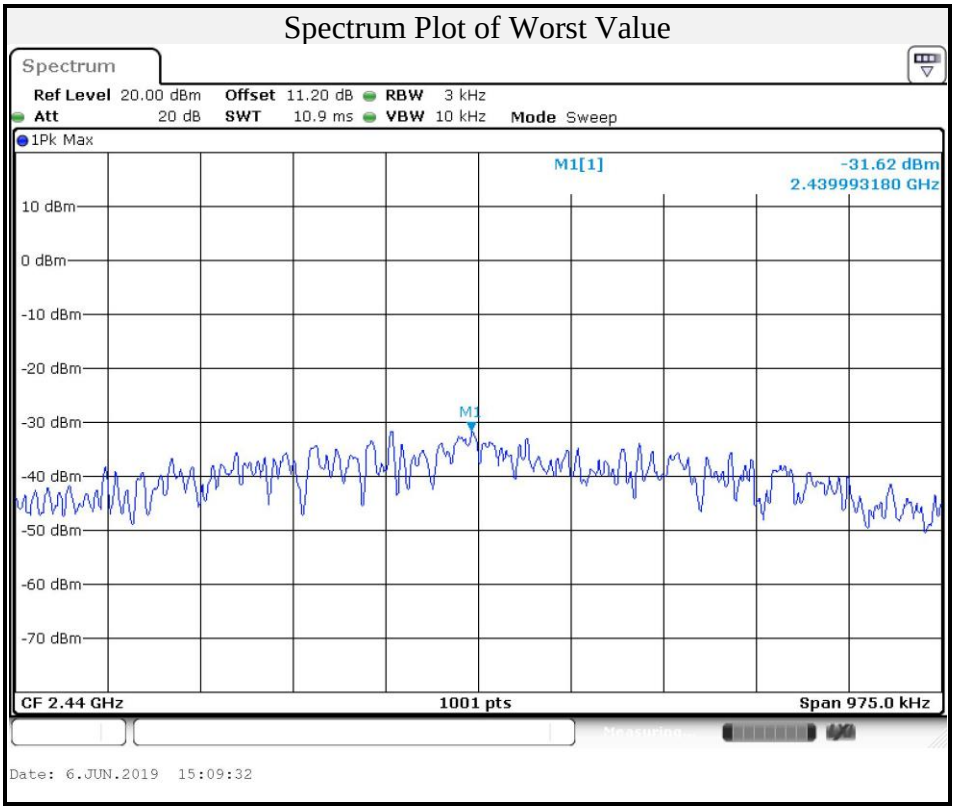


The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

Test Data

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	2402	-31.74	8	Pass
19	2440	-31.62	8	Pass
39	2480	-33.14	8	Pass

Spectrum Plot of Worst Value



9.4. Conducted Out of Band Emission

Requirements

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b) (3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209 (a) is not required.

Test procedure

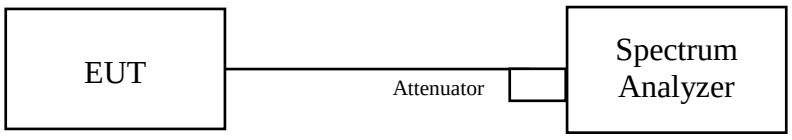
Measurement Procedure REF

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Set the span to 1.5 times the DTS bandwidth.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

Measurement Procedure OOBE

1. Set RBW = 100 kHz.
2. Set VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep = auto couple.
5. Trace Mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum amplitude level.

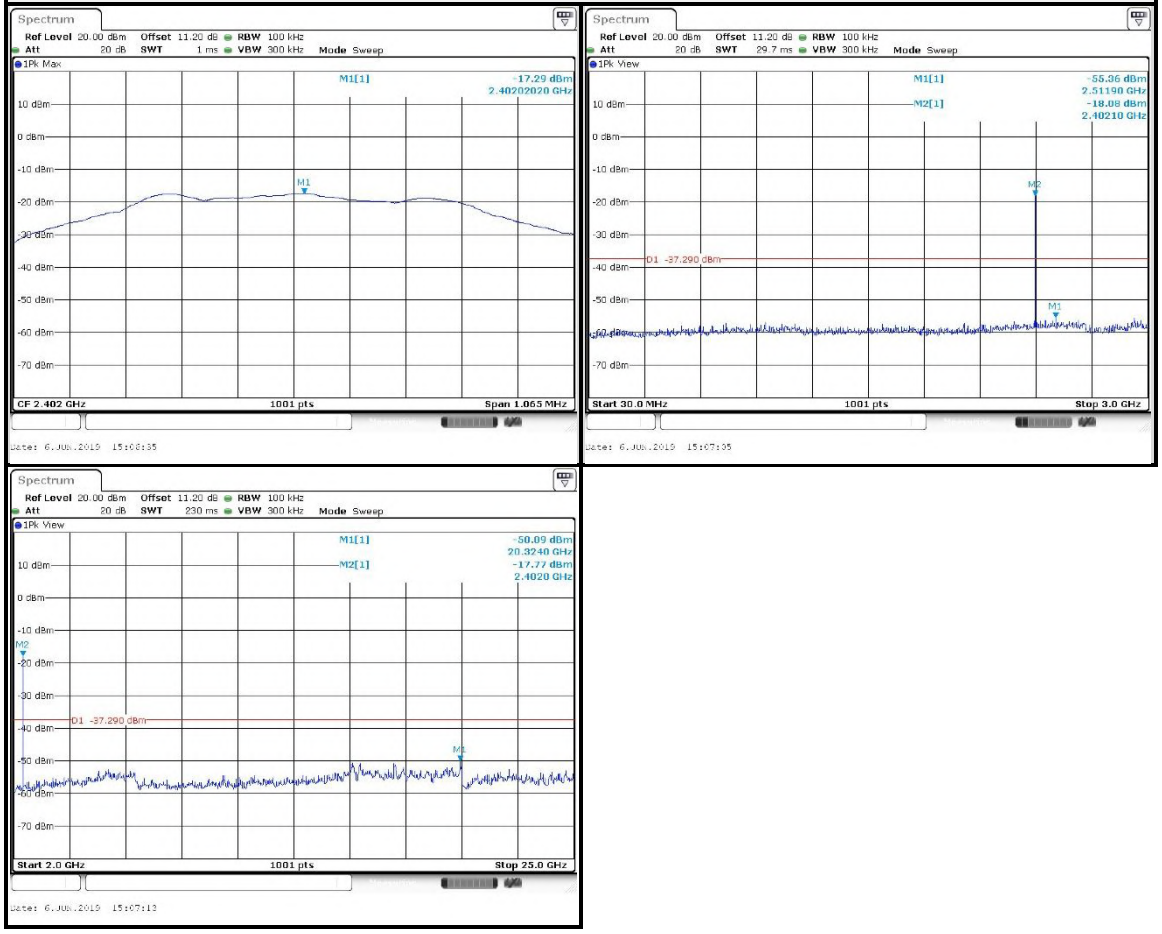
Test Setup



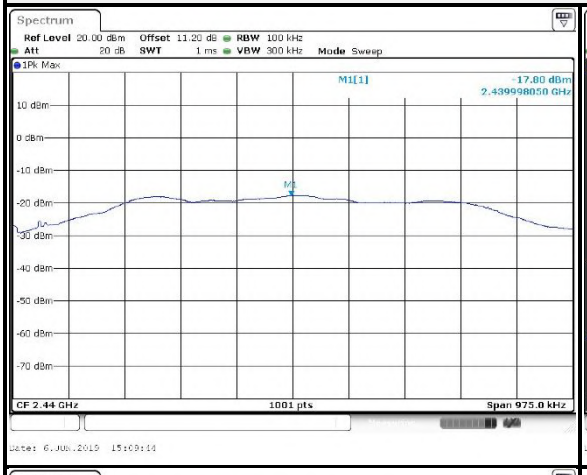
The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

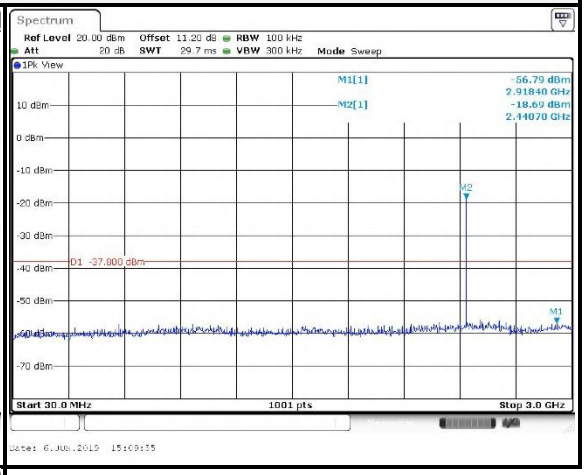
Test Data

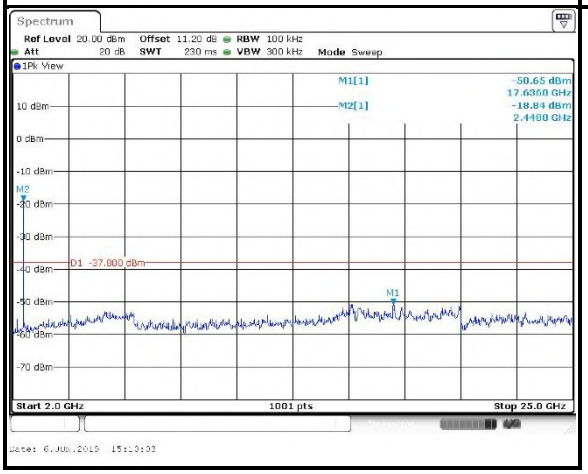
Ch 0



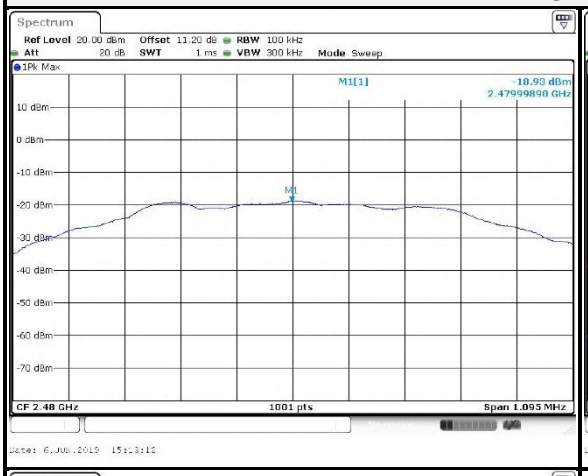
Ch 19

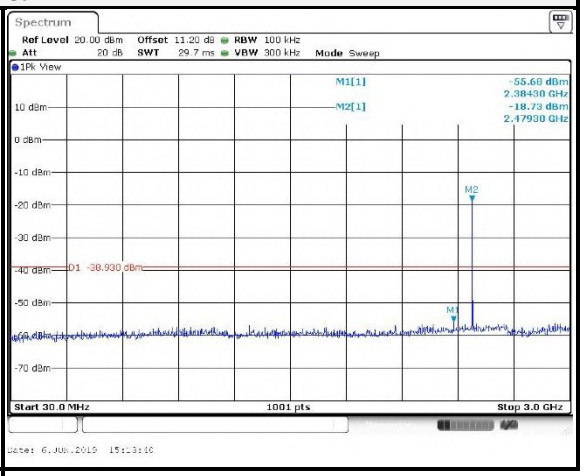

Spectrum
Ref Level 20.00 dBm Offset 11.20 dB RBW 100 kHz
Att 20 dB SWT 1 ms VBW 300 kHz Mode Sweep
1Pk Max
M1[1] -17.80 dBm
2.439998050 GHz
CF 2.44 GHz 1001 pts Span 975.0 kHz

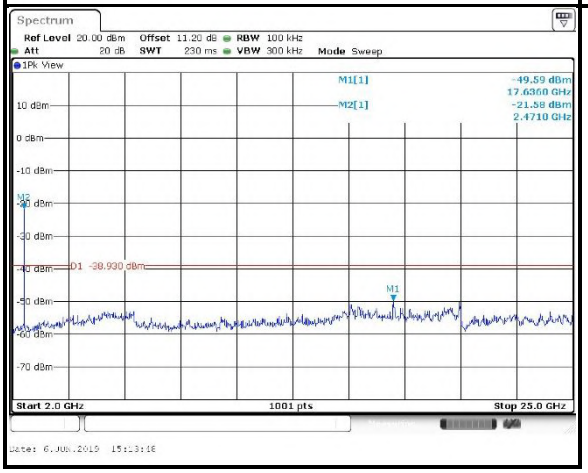

Spectrum
Ref Level 20.00 dBm Offset 11.20 dB RBW 100 kHz
Att 20 dB SWT 29.7 ms VBW 300 kHz Mode Sweep
1Pk View
M1[1] -56.79 dBm
2.91840 GHz
M2[1] -18.69 dBm
2.44070 GHz
D1 -37.800 dBm
Start 30.0 MHz 1001 pts Stop 3.0 GHz


Spectrum
Ref Level 20.00 dBm Offset 11.20 dB RBW 100 kHz
Att 20 dB SWT 230 ms VBW 300 kHz Mode Sweep
1Pk View
M1[1] -50.65 dBm
17.6360 GHz
M2[1] -18.84 dBm
2.4480 GHz
D1 -37.800 dBm
Start 2.0 GHz 1001 pts Stop 25.0 GHz

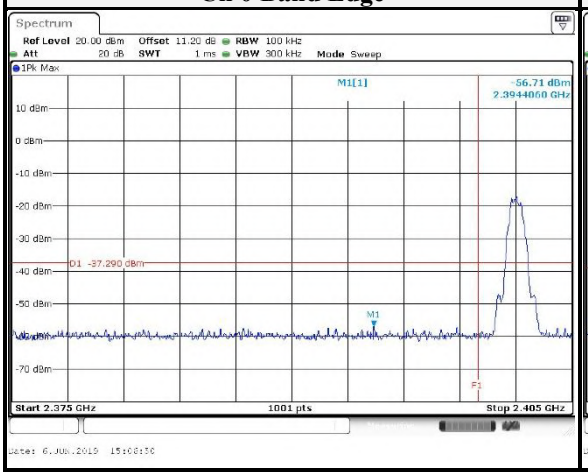
Ch 39



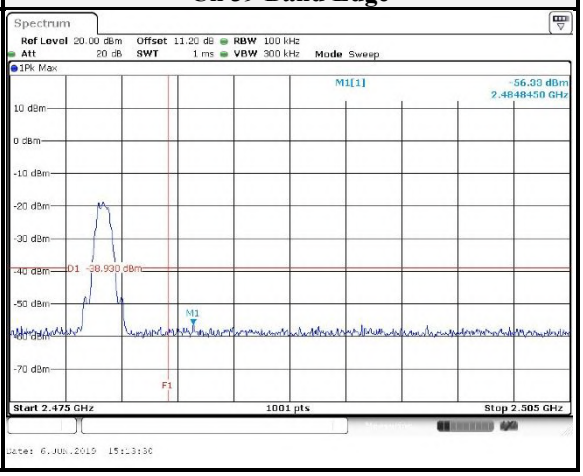




Ch 0 Band Edge



Ch 39 Band Edge



9.5. Radiated Spurious Emission

Requirements

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequency(MHz)	Field strength (microvolts/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

NOTE:
1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Test Procedures

[For 9 kHz ~ 30 MHz]

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. For measurement below 30MHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

NOTE:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

[For above 30 MHz]

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
f. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

a. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.

b. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.

c. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.

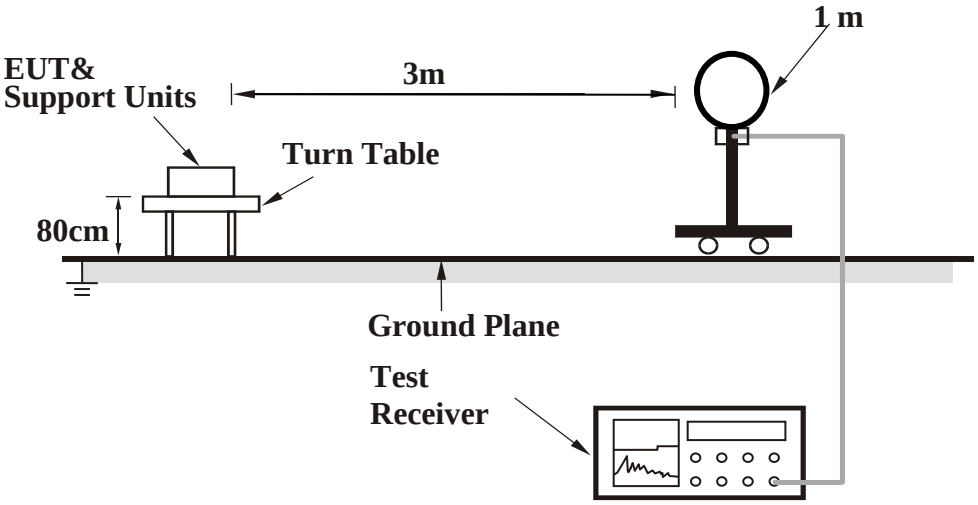
Configuration	Average	
	RBW	VBW
Bluetooth LE	1MHz	3 kHz

Note: Refer to section 6.6 for duty cycle.

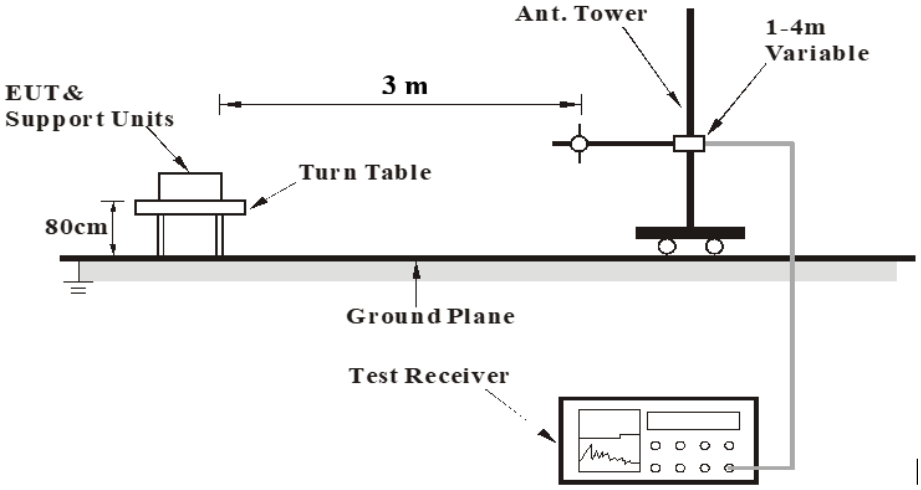
d. All modes of operation were investigated and the worst-case emissions are reported.

Test Setup

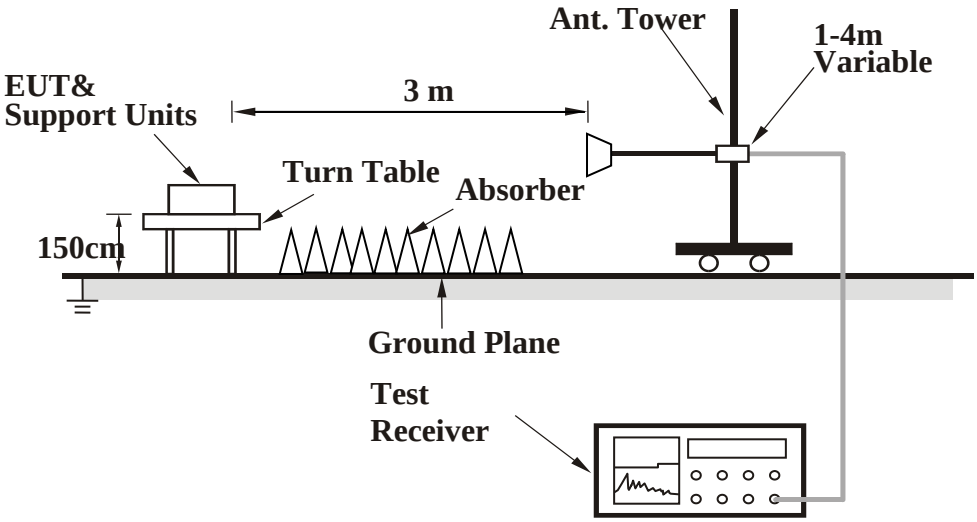
<Frequency Range 9 kHz ~ 30 MHz>



<Frequency Range 30 MHz ~ 1 GHz >



<Frequency Range above 1 GHz>



For the actual test configuration, please refer to the Setup Configurations.

Test Data

Above 1GHz Data

Model: MiiS Horus Scope Adapter 300

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2367.000	55.21	-7.68	47.53	74.00	-26.47	peak
@	2402.000	80.65	-7.58	73.07	-	-	peak
-	2334.400	42.07	-7.62	34.45	54.00	-19.55	AVG
@	2402.000	80.08	-7.58	72.50	-	-	AVG
*	4804.000	40.57	-3.09	37.48	74.00	-36.52	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2318.000	54.04	-7.49	46.55	74.00	-27.45	peak
@	2402.000	77.85	-7.58	70.27	-	-	peak
-	2358.400	42.10	-7.69	34.41	54.00	-19.59	AVG
@	2402.000	76.99	-7.58	69.41	-	-	AVG
*	4804.000	41.99	-3.09	38.90	74.00	-35.10	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 19	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2353.000	54.18	-7.70	46.48	74.00	-27.52	peak
@	2440.000	81.30	-7.70	73.60	-	-	peak
-	2487.000	53.31	-7.62	45.69	74.00	-28.31	peak
-	2331.400	41.89	-7.59	34.30	54.00	-19.70	AVG
@	2440.000	80.34	-7.70	72.64	-	-	AVG
-	2492.800	41.75	-7.60	34.15	54.00	-19.85	AVG
*	4880.000	41.14	-3.02	38.12	74.00	-35.88	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2322.000	53.92	-7.53	46.39	74.00	-27.61	peak
@	2440.000	77.55	-7.70	69.85	-	-	peak
-	2495.000	53.80	-7.60	46.20	74.00	-27.80	peak
-	2349.400	41.98	-7.72	34.26	54.00	-19.74	AVG
@	2440.000	76.64	-7.70	68.94	-	-	AVG
-	2483.500	41.63	-7.63	34.00	54.00	-20.00	AVG
*	4880.000	40.52	-3.02	37.50	74.00	-36.50	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 39	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
@	2480.000	80.19	-7.64	72.55	-	-	peak
-	2498.200	54.49	-7.58	46.91	74.00	-27.09	peak
@	2480.000	79.26	-7.64	71.62	-	-	AVG
-	2483.500	41.96	-7.63	34.33	54.00	-19.67	AVG
*	4960.000	42.34	-2.89	39.45	74.00	-34.55	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
@	2480.000	77.17	-7.64	69.53	-	-	peak
-	2487.400	54.35	-7.62	46.73	74.00	-27.27	peak
@	2480.000	75.99	-7.64	68.35	-	-	AVG
-	2484.600	41.94	-7.63	34.31	54.00	-19.69	AVG
*	4960.000	40.65	-2.89	37.76	74.00	-36.24	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DDC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2319.200	54.49	-7.50	46.99	74.00	-27.01	peak
@	2402.000	79.11	-7.58	71.53	-	-	peak
-	2312.800	41.76	-7.46	34.30	54.00	-19.70	AVG
@	2402.000	78.28	-7.58	70.70	-	-	AVG
*	4804.000	40.88	-3.09	37.79	74.00	-36.21	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2371.600	54.18	-7.66	46.52	74.00	-27.48	peak
@	2402.000	77.02	-7.58	69.44	-	-	peak
-	2370.000	42.07	-7.67	34.40	54.00	-19.60	AVG
@	2402.000	76.21	-7.58	68.63	-	-	AVG
*	4804.000	41.30	-3.09	38.21	74.00	-35.79	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DDC 200

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2325.000	53.55	-7.55	46.00	74.00	-28.00	peak
@	2402.000	80.55	-7.58	72.97	-	-	peak
-	2311.200	41.55	-7.45	34.10	54.00	-19.90	AVG
@	2402.000	79.78	-7.58	72.20	-	-	AVG
*	4804.000	40.43	-3.09	37.34	74.00	-36.66	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2316.800	54.36	-7.49	46.87	74.00	-27.13	peak
@	2402.000	77.86	-7.58	70.28	-	-	peak
-	2322.600	41.88	-7.53	34.35	54.00	-19.65	AVG
@	2402.000	77.28	-7.58	69.70	-	-	AVG
*	4804.000	40.83	-3.09	37.74	74.00	-36.26	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEA 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2330.200	55.09	-7.58	47.51	74.00	-26.49	peak
@	2402.000	80.54	-7.58	72.96	-	-	peak
-	2337.800	42.01	-7.63	34.38	54.00	-19.62	AVG
@	2402.000	79.80	-7.58	72.22	-	-	AVG
*	4804.000	41.02	-3.09	37.93	74.00	-36.07	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2316.400	53.14	-7.49	45.65	74.00	-28.35	peak
@	2402.000	76.00	-7.58	68.42	-	-	peak
-	2389.200	41.76	-7.60	34.16	54.00	-19.84	AVG
@	2402.000	75.16	-7.58	67.58	-	-	AVG
*	4804.000	40.90	-3.09	37.81	74.00	-36.19	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEA 100 with ILS 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2366.800	54.20	-7.68	46.52	74.00	-27.48	peak
@	2402.000	79.45	-7.58	71.87	-	-	peak
-	2317.800	41.71	-7.49	34.22	54.00	-19.78	AVG
@	2402.000	78.60	-7.58	71.02	-	-	AVG
*	4804.000	41.76	-3.09	38.67	74.00	-35.33	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2367.400	53.80	-7.68	46.12	74.00	-27.88	peak
@	2402.000	77.39	-7.58	69.81	-	-	peak
-	2366.800	54.20	-7.68	46.52	74.00	-27.48	peak
@	2402.000	79.45	-7.58	71.87	-	-	peak
*	4804.000	41.42	-3.09	38.33	74.00	-35.67	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEA 200P

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2340.600	53.72	-7.65	46.07	74.00	-27.93	peak
@	2402.000	80.65	-7.58	73.07	-	-	peak
-	2312.400	41.67	-7.46	34.21	54.00	-19.79	AVG
@	2402.000	79.75	-7.58	72.17	-	-	AVG
*	4804.000	40.38	-3.09	37.29	74.00	-36.71	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2360.200	54.34	-7.69	46.65	74.00	-27.35	peak
@	2402.000	78.57	-7.58	70.99	-	-	peak
-	2328.600	41.48	-7.57	33.91	54.00	-20.09	AVG
@	2402.000	77.55	-7.58	69.97	-	-	AVG
*	4804.000	40.84	-3.09	37.75	74.00	-36.25	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2345.800	54.19	-7.69	46.50	74.00	-27.50	peak
@	2402.000	79.69	-7.58	72.11	-	-	peak
-	2337.400	41.91	-7.63	34.28	54.00	-19.72	AVG
@	2402.000	78.88	-7.58	71.30	-	-	AVG
*	4804.000	41.26	-3.09	38.17	74.00	-35.83	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2336.000	54.64	-7.62	47.02	74.00	-26.98	peak
@	2402.000	77.02	-7.58	69.44	-	-	peak
-	2321.600	41.83	-7.52	34.31	54.00	-19.69	AVG
@	2402.000	76.19	-7.58	68.61	-	-	AVG
*	4804.000	40.93	-3.09	37.84	74.00	-36.16	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEC 100 with CR-100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2377.200	54.02	-7.65	46.37	74.00	-27.63	peak
@	2402.000	79.51	-7.58	71.93	-	-	peak
-	2316.600	41.90	-7.49	34.41	54.00	-19.59	AVG
@	2402.000	78.70	-7.58	71.12	-	-	AVG
*	4804.000	40.76	-3.09	37.67	74.00	-36.33	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2378.800	53.70	-7.64	46.06	74.00	-27.94	peak
@	2402.000	79.85	-7.58	72.27	-	-	peak
-	2334.200	41.96	-7.61	34.35	54.00	-19.65	AVG
@	2402.000	79.15	-7.58	71.57	-	-	AVG
*	4804.000	40.84	-3.09	37.75	74.00	-36.25	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DEC 100 with Slit-Lamp Jig

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2317.800	54.28	-7.49	46.79	74.00	-27.21	peak
@	2402.000	79.86	-7.58	72.28	-	-	peak
-	2315.000	41.65	-7.48	34.17	54.00	-19.83	AVG
@	2402.000	79.07	-7.58	71.49	-	-	AVG
*	4804.000	40.48	-3.09	37.39	74.00	-36.61	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2347.400	54.93	-7.70	47.23	74.00	-26.77	peak
@	2402.000	78.03	-7.58	70.45	-	-	peak
-	2379.000	41.97	-7.64	34.33	54.00	-19.67	AVG
@	2402.000	77.19	-7.58	69.61	-	-	AVG
*	4804.000	40.74	-3.09	37.65	74.00	-36.35	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DGC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2311.600	53.91	-7.45	46.46	74.00	-27.54	peak
@	2402.000	80.74	-7.58	73.16	-	-	peak
-	2389.600	42.04	-7.60	34.44	54.00	-19.56	AVG
@	2402.000	79.86	-7.58	72.28	-	-	AVG
*	4804.000	41.01	-3.09	37.92	74.00	-36.08	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2375.800	54.00	-7.65	46.35	74.00	-27.65	peak
@	2402.000	76.27	-7.58	68.69	-	-	peak
-	2334.800	42.01	-7.62	34.39	54.00	-19.61	AVG
@	2402.000	75.54	-7.58	67.96	-	-	AVG
*	4804.000	40.69	-3.09	37.60	74.00	-36.40	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DOC 100S

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2368.200	54.31	-7.67	46.64	74.00	-27.36	peak
@	2402.000	80.64	-7.58	73.06	-	-	peak
-	2372.000	41.91	-7.66	34.25	54.00	-19.75	AVG
@	2402.000	80.07	-7.58	72.49	-	-	AVG
*	4804.000	40.43	-3.09	37.34	74.00	-36.66	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2316.000	54.25	-7.49	46.76	74.00	-27.24	peak
@	2402.000	76.79	-7.58	69.21	-	-	peak
-	2386.200	41.89	-7.62	34.27	54.00	-19.73	AVG
@	2402.000	76.01	-7.58	68.43	-	-	AVG
*	4804.000	40.43	-3.09	37.34	74.00	-36.66	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope DOC 300S

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2351.800	53.69	-7.72	45.97	74.00	-28.03	peak
@	2402.000	78.78	-7.58	71.20	-	-	peak
-	2384.200	41.84	-7.62	34.22	54.00	-19.78	AVG
@	2402.000	77.93	-7.58	70.35	-	-	AVG
*	4804.000	41.10	-3.09	38.01	74.00	-35.99	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2312.200	53.83	-7.46	46.37	74.00	-27.63	peak
@	2402.000	76.74	-7.58	69.16	-	-	peak
-	2370.800	41.77	-7.66	34.11	54.00	-19.89	AVG
@	2402.000	75.76	-7.58	68.18	-	-	AVG
*	4804.000	40.78	-3.09	37.69	74.00	-36.31	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope EEC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2317.400	54.11	-7.49	46.62	74.00	-27.38	peak
@	2402.000	79.00	-7.58	71.42	-	-	peak
-	2325.600	41.84	-7.55	34.29	54.00	-19.71	AVG
@	2402.000	78.22	-7.58	70.64	-	-	AVG
*	4804.000	41.51	-3.09	38.42	74.00	-35.58	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2352.800	53.97	-7.70	46.27	74.00	-27.73	peak
@	2402.000	77.00	-7.58	69.42	-	-	peak
-	2319.600	41.66	-7.51	34.15	54.00	-19.85	AVG
@	2402.000	76.20	-7.58	68.62	-	-	AVG
*	4804.000	41.28	-3.09	38.19	74.00	-35.81	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope EEC 100 with CR-100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2339.000	54.15	-7.64	46.51	74.00	-27.49	peak
@	2402.000	80.49	-7.58	72.91	-	-	peak
-	2389.200	41.91	-7.60	34.31	54.00	-19.69	AVG
@	2402.000	79.98	-7.58	72.40	-	-	AVG
*	4804.000	40.99	-3.09	37.90	74.00	-36.10	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2322.800	54.23	-7.53	46.70	74.00	-27.30	peak
@	2402.000	79.39	-7.58	71.81	-	-	peak
-	2367.600	41.99	-7.67	34.32	54.00	-19.68	AVG
@	2402.000	78.73	-7.58	71.15	-	-	AVG
*	4804.000	40.76	-3.09	37.67	74.00	-36.33	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Model: MiiS Horus Scope EEC 100 with Slit-Lamp Jig

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	1 GHz ~ 26.5 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2329.200	54.26	-7.57	46.69	74.00	-27.31	peak
@	2402.000	80.24	-7.58	72.66	-	-	peak
-	2312.400	41.86	-7.46	34.40	54.00	-19.60	AVG
@	2402.000	79.50	-7.58	71.92	-	-	AVG
*	4804.000	40.99	-3.09	37.90	74.00	-36.10	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
-	2384.200	54.24	-7.62	46.62	74.00	-27.38	peak
@	2402.000	78.71	-7.58	71.13	-	-	peak
-	2359.200	42.13	-7.69	34.44	54.00	-19.56	AVG
@	2402.000	77.89	-7.58	70.31	-	-	AVG
*	4804.000	40.59	-3.09	37.50	74.00	-36.50	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

9 kHz ~ 30 MHz Data

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

No non-compliance noted:

KDB 414788 D01 OATS and Chamber Correlation Justification

- Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

- OATs and chamber correlation testing had been performed and chamber measured test results is the worst case test result.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

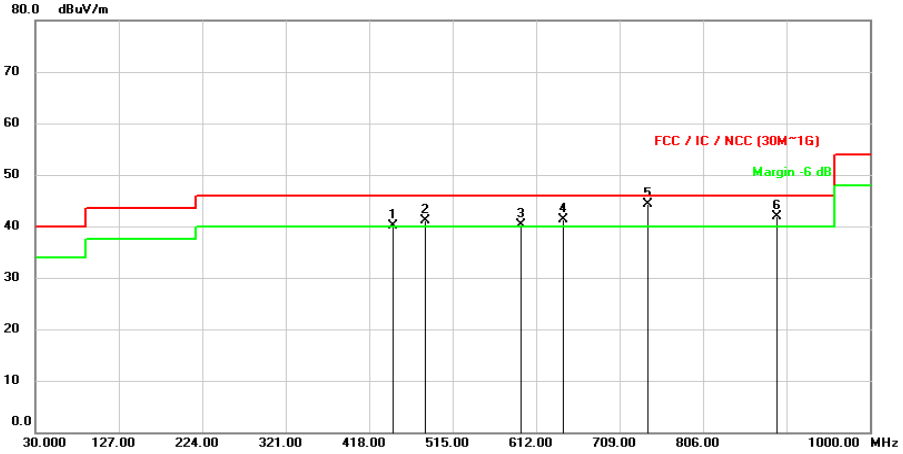
30 MHz ~ 1 GHz Data

Model: MiiS Horus Scope Adapter 300

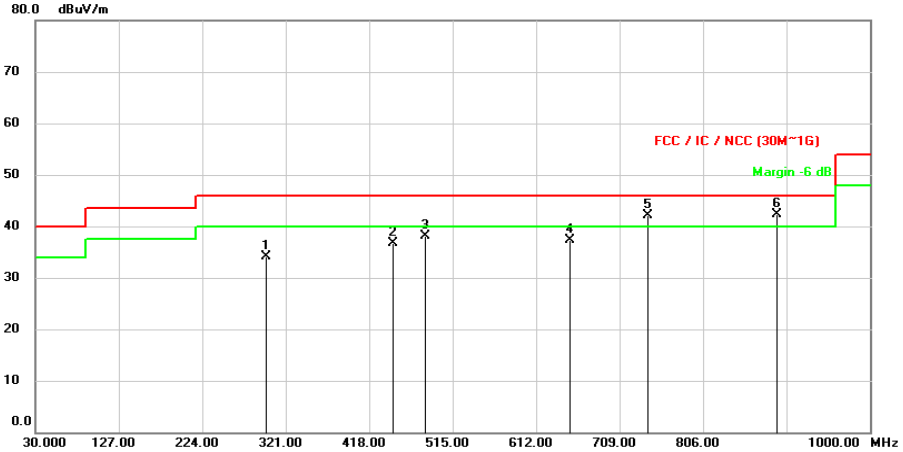
Adapter Mode

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	445.5157	50.30	-10.25	40.05	46.00	-5.95	peak
*	483.2810	50.83	-9.68	41.15	46.00	-4.85	peak
*	594.0550	47.44	-7.12	40.32	46.00	-5.68	peak
*	643.9130	47.71	-6.37	41.34	46.00	-4.66	peak
-	742.5620	48.89	-4.68	44.21	46.00	-1.79	QP
*	891.0690	44.56	-2.75	41.81	46.00	-4.19	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	297.0087	48.28	-14.14	34.14	46.00	-11.86	peak
*	445.5157	46.98	-10.25	36.73	46.00	-9.27	peak
*	482.1493	47.85	-9.69	38.16	46.00	-7.84	peak
*	652.5460	43.56	-6.24	37.32	46.00	-8.68	peak
*	742.5620	46.73	-4.68	42.05	46.00	-3.95	peak
*	891.0690	44.98	-2.75	42.23	46.00	-3.77	peak

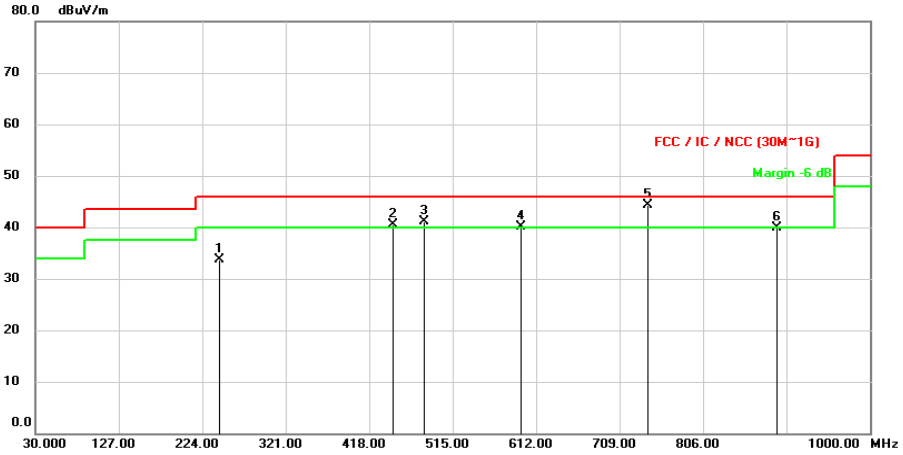
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

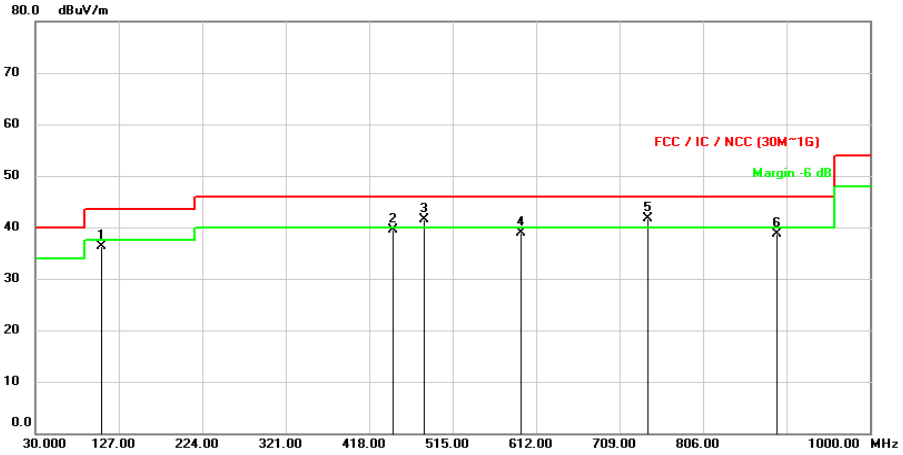
Charging Station Mode

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	243.7233	49.52	-15.86	33.66	46.00	-12.34	peak
*	445.5157	50.78	-10.25	40.53	46.00	-5.47	peak
*	482.1170	50.72	-9.69	41.03	46.00	-4.97	peak
*	594.0227	47.20	-7.12	40.08	46.00	-5.92	peak
-	742.5620	49.01	-4.68	44.33	46.00	-1.67	QP
*	891.0690	42.72	-2.75	39.97	46.00	-6.03	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	106.1450	55.34	-18.99	36.35	43.50	-7.15	peak
*	445.5157	49.80	-10.25	39.55	46.00	-6.45	peak
*	481.5673	51.27	-9.71	41.56	46.00	-4.44	peak
*	594.0227	46.00	-7.12	38.88	46.00	-7.12	peak
*	742.5620	46.40	-4.68	41.72	46.00	-4.28	peak
*	891.0690	41.53	-2.75	38.78	46.00	-7.22	peak

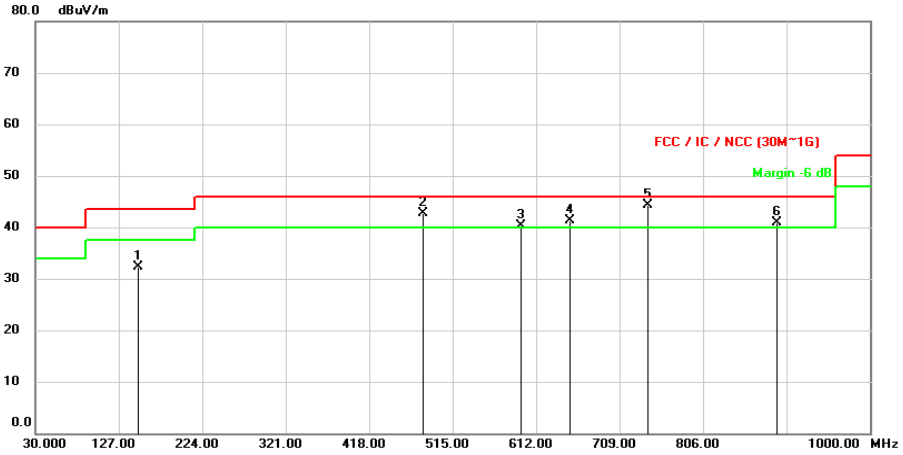
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

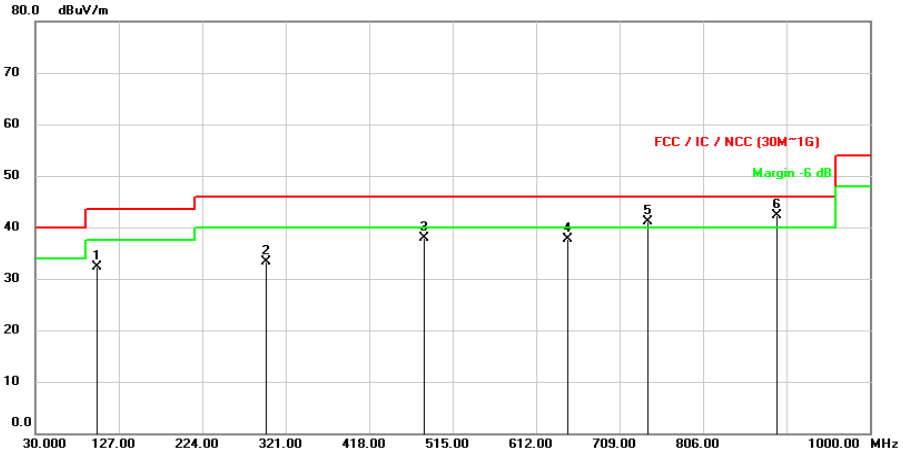
Model: MiiS Horus Scope DDC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	47.58	-15.33	32.25	43.50	-11.25	peak
*	481.6643	52.36	-9.71	42.65	46.00	-3.35	peak
*	594.0227	47.45	-7.12	40.33	46.00	-5.67	peak
*	652.4813	47.61	-6.25	41.36	46.00	-4.64	peak
-	742.5620	49.04	-4.68	44.36	46.00	-1.64	QP
*	891.0690	43.73	-2.75	40.98	46.00	-5.02	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	101.9093	52.04	-19.70	32.34	43.50	-11.16	peak
*	297.0087	47.38	-14.14	33.24	46.00	-12.76	peak
*	482.0523	47.65	-9.69	37.96	46.00	-8.04	peak
*	648.0840	43.96	-6.32	37.64	46.00	-8.36	peak
*	742.5620	45.77	-4.68	41.09	46.00	-4.91	peak
*	891.0690	45.07	-2.75	42.32	46.00	-3.68	peak

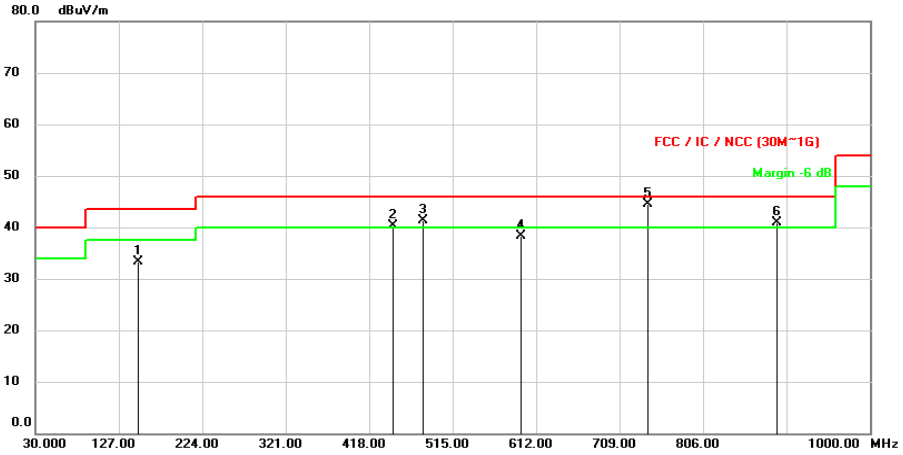
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

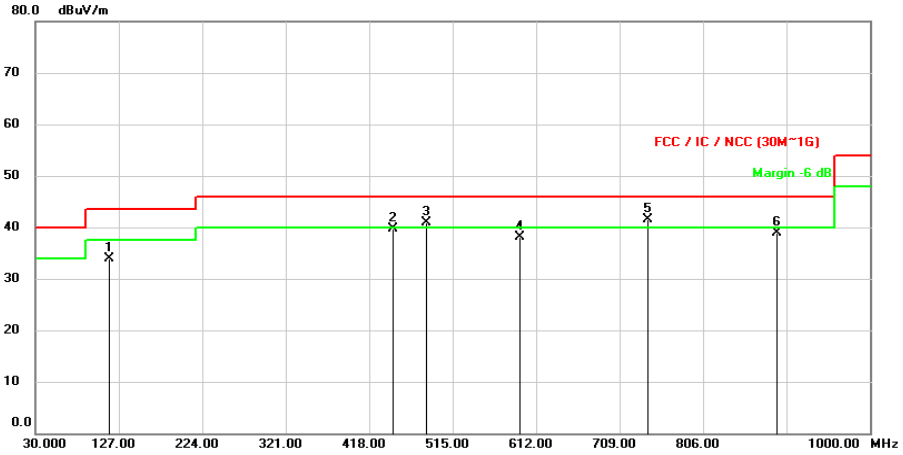
Model: MiiS Horus Scope DDC 200

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	48.73	-15.33	33.40	43.50	-10.10	peak
*	445.5157	50.49	-10.25	40.24	46.00	-5.76	peak
*	481.1793	50.96	-9.71	41.25	46.00	-4.75	peak
*	594.0550	45.51	-7.12	38.39	46.00	-7.61	peak
-	742.5620	49.20	-4.68	44.52	46.00	-1.48	QP
*	891.0690	43.57	-2.75	40.82	46.00	-5.18	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	114.6810	52.12	-18.16	33.96	43.50	-9.54	peak
*	445.5157	49.86	-10.25	39.61	46.00	-6.39	peak
*	483.1517	50.54	-9.68	40.86	46.00	-5.14	peak
*	594.0226	45.29	-7.12	38.17	46.00	-7.83	peak
*	742.5620	46.26	-4.68	41.58	46.00	-4.42	peak
*	891.0690	41.73	-2.75	38.98	46.00	-7.02	peak

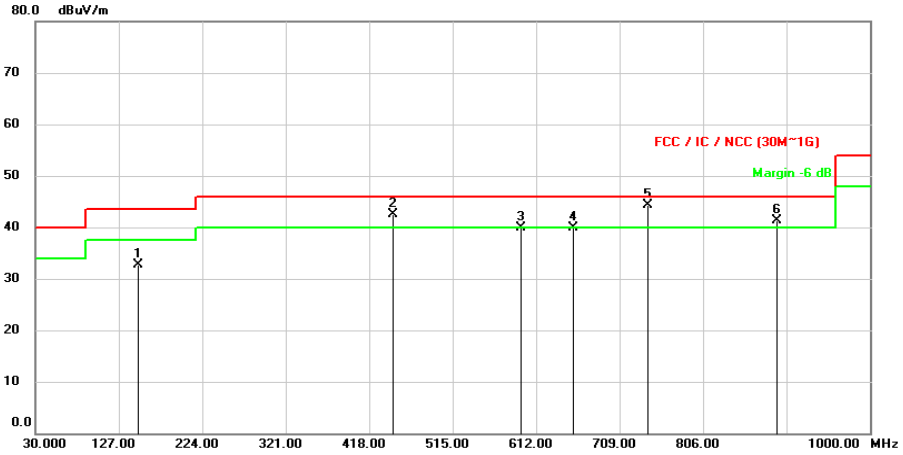
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

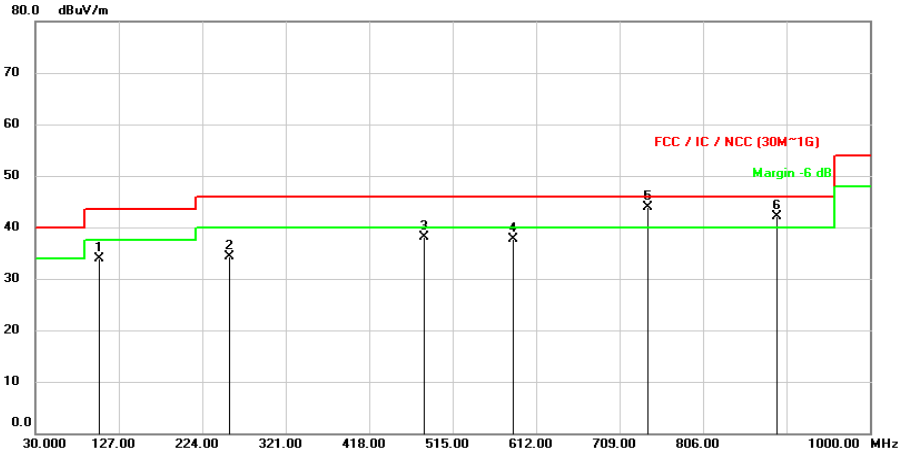
Model: MiiS Horus Scope DEA 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	48.02	-15.33	32.69	43.50	-10.81	peak
*	445.5480	52.79	-10.25	42.54	46.00	-3.46	peak
*	594.0550	47.11	-7.12	39.99	46.00	-6.01	peak
*	655.5530	46.10	-6.19	39.91	46.00	-6.09	peak
-	742.5620	49.01	-4.68	44.33	46.00	-1.67	QP
*	891.0690	44.06	-2.75	41.31	46.00	-4.69	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	104.4313	53.19	-19.26	33.93	43.50	-9.57	peak
*	255.5897	50.03	-15.64	34.39	46.00	-11.61	peak
*	481.5997	47.90	-9.71	38.19	46.00	-7.81	peak
*	585.7776	45.22	-7.42	37.80	46.00	-8.20	peak
*	742.5620	48.58	-4.68	43.90	46.00	-2.10	peak
*	891.0690	44.94	-2.75	42.19	46.00	-3.81	peak

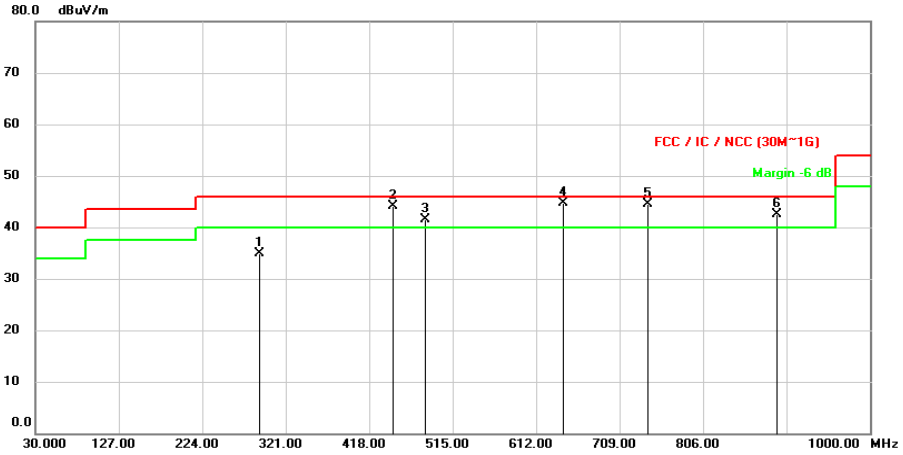
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

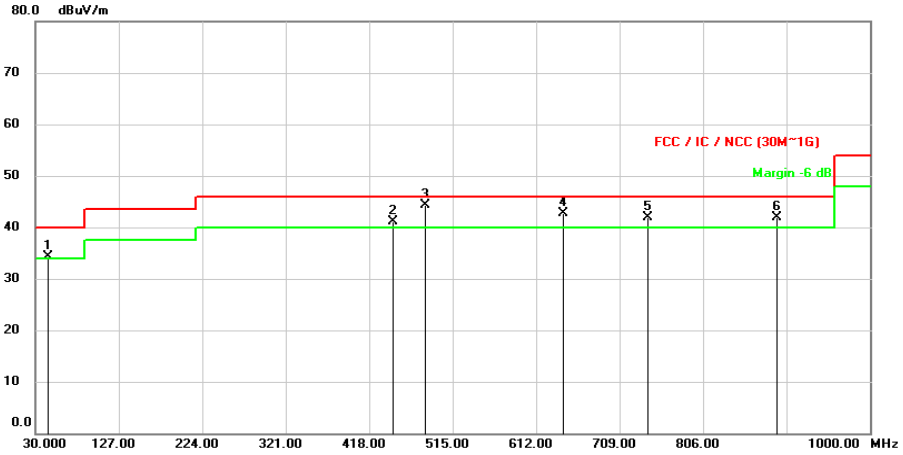
Model: MiiS Horus Scope DEA 100 with ILS 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	289.8307	49.14	-14.19	34.95	46.00	-11.05	peak
*	445.5157	54.27	-10.25	44.02	46.00	-1.98	peak
*	482.9253	51.17	-9.69	41.48	46.00	-4.52	peak
*	643.5250	51.05	-6.37	44.68	46.00	-1.32	peak
-	742.5620	49.24	-4.68	44.56	46.00	-1.44	QP
*	891.0367	45.25	-2.75	42.50	46.00	-3.50	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	43.7093	49.59	-15.25	34.34	40.00	-5.66	peak
*	445.5157	51.37	-10.25	41.12	46.00	-4.88	peak
*	482.3433	54.04	-9.69	44.35	46.00	-1.65	peak
*	643.5573	48.99	-6.37	42.62	46.00	-3.38	peak
*	742.5620	46.61	-4.68	41.93	46.00	-4.07	peak
*	891.0690	44.66	-2.75	41.91	46.00	-4.09	peak

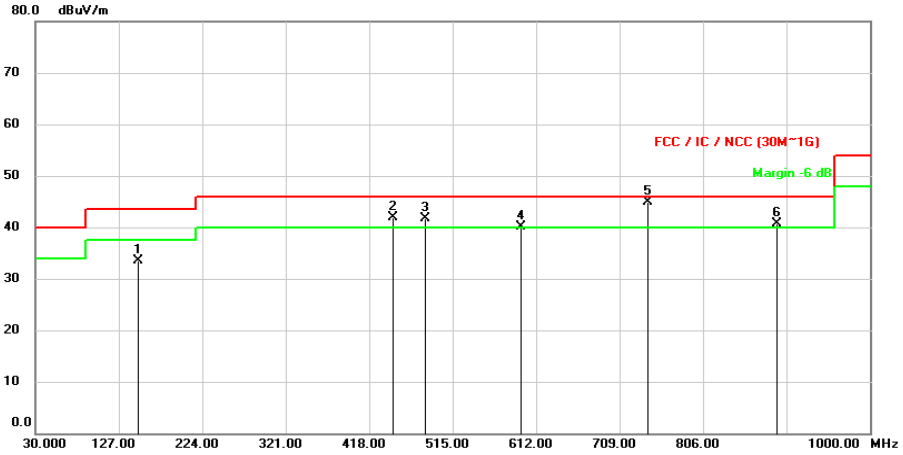
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

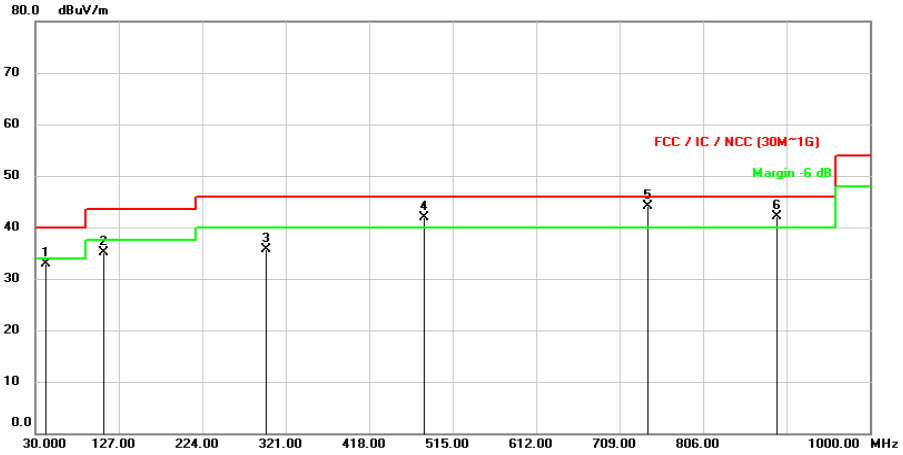
Model: MiiS Horus Scope DEA 200P

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	48.80	-15.33	33.47	43.50	-10.03	peak
*	445.5157	52.21	-10.25	41.96	46.00	-4.04	peak
*	482.1817	51.31	-9.69	41.62	46.00	-4.38	peak
*	594.0550	47.15	-7.12	40.03	46.00	-5.97	peak
-	742.5620	49.51	-4.68	44.83	46.00	-1.17	QP
*	891.0690	43.53	-2.75	40.78	46.00	-5.22	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	42.5130	48.34	-15.34	33.00	40.00	-7.00	peak
*	109.6693	53.76	-18.56	35.20	43.50	-8.30	peak
*	297.0087	49.86	-14.14	35.72	46.00	-10.28	peak
*	481.5673	51.61	-9.71	41.90	46.00	-4.10	peak
*	742.5620	48.82	-4.68	44.14	46.00	-1.86	peak
*	891.0690	44.84	-2.75	42.09	46.00	-3.91	peak

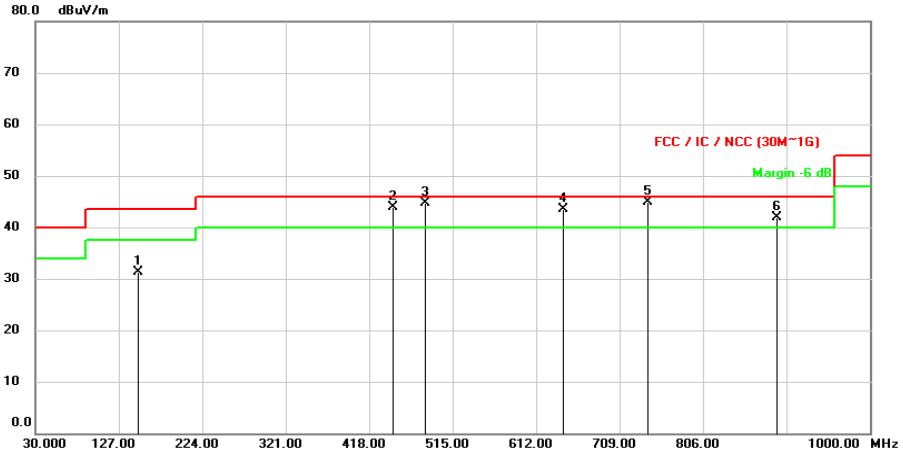
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

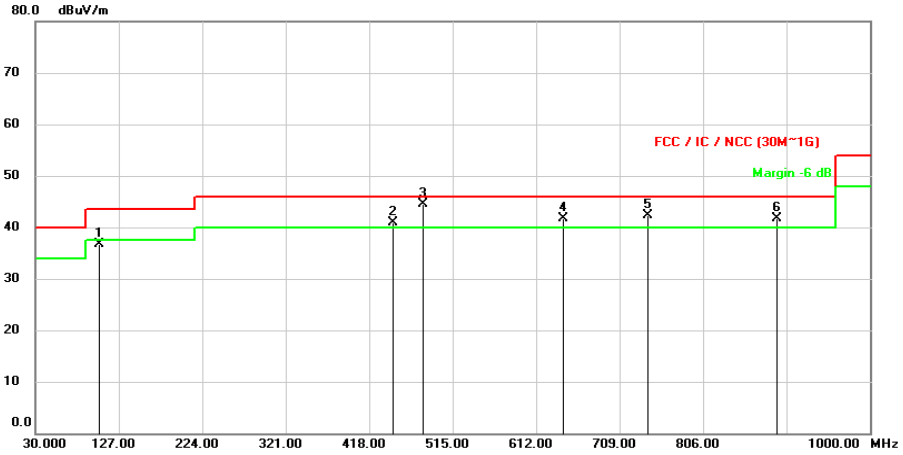
Model: MiiS Horus Scope DEC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	46.56	-15.33	31.23	43.50	-12.27	peak
*	445.5480	54.21	-10.25	43.96	46.00	-2.04	peak
*	483.2810	54.48	-9.68	44.80	46.00	-1.20	peak
*	643.5250	49.91	-6.37	43.54	46.00	-2.46	peak
-	742.5620	49.56	-4.68	44.88	46.00	-1.12	QP
*	891.0690	44.63	-2.75	41.88	46.00	-4.12	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	104.1727	56.08	-19.29	36.79	43.50	-6.71	peak
*	445.5157	51.10	-10.25	40.85	46.00	-5.15	peak
*	481.6320	54.15	-9.71	44.44	46.00	-1.56	peak
*	643.5573	48.15	-6.37	41.78	46.00	-4.22	peak
*	742.5620	47.07	-4.68	42.39	46.00	-3.61	peak
*	891.0690	44.44	-2.75	41.69	46.00	-4.31	peak

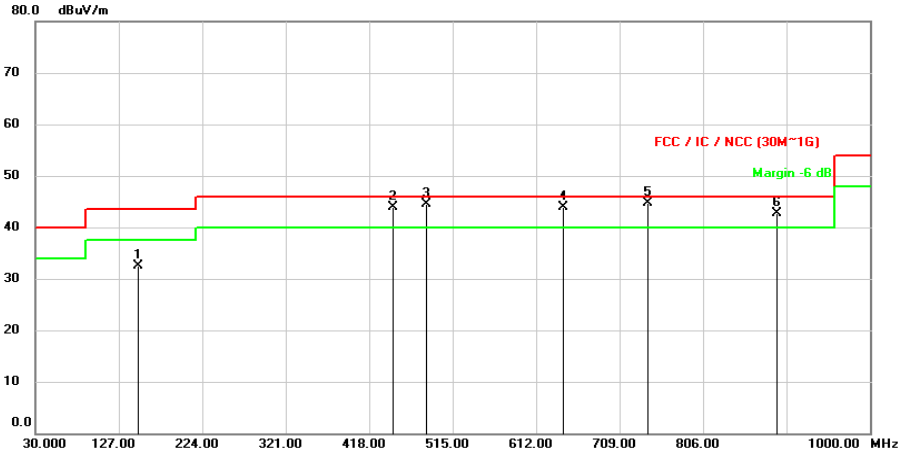
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

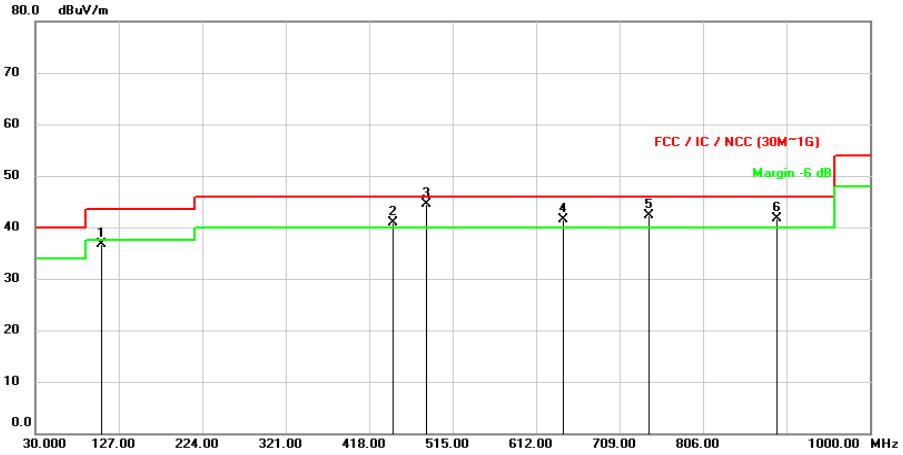
Model: MiiS Horus Scope DEC 100 with CR-100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	47.78	-15.33	32.45	43.50	-11.05	peak
*	445.5480	54.21	-10.25	43.96	46.00	-2.04	peak
*	483.0870	54.26	-9.69	44.57	46.00	-1.43	peak
*	643.5250	50.37	-6.37	44.00	46.00	-2.00	peak
-	742.5620	49.42	-4.68	44.74	46.00	-1.26	QP
*	891.0690	45.39	-2.75	42.64	46.00	-3.36	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	105.8217	55.74	-19.03	36.71	43.50	-6.79	peak
*	445.5157	51.09	-10.25	40.84	46.00	-5.16	peak
*	483.5397	54.17	-9.68	44.49	46.00	-1.51	peak
*	643.5573	47.86	-6.37	41.49	46.00	-4.51	peak
*	742.5297	46.94	-4.68	42.26	46.00	-3.74	peak
*	891.0690	44.45	-2.75	41.70	46.00	-4.30	peak

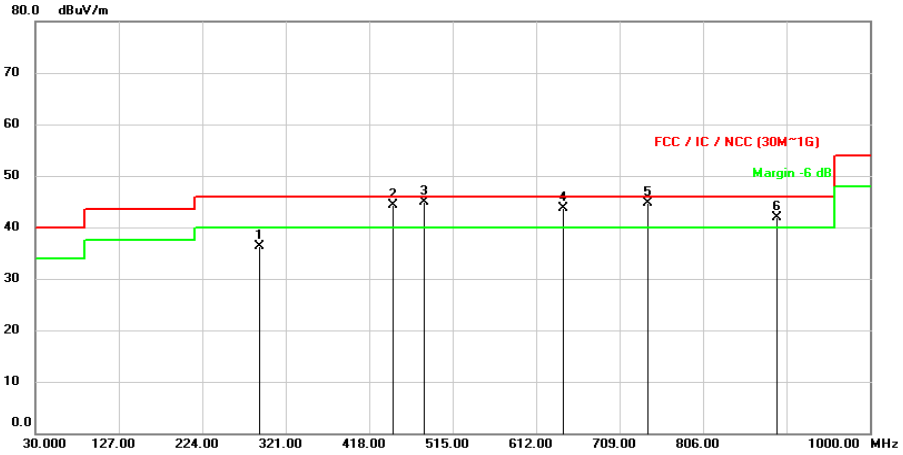
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

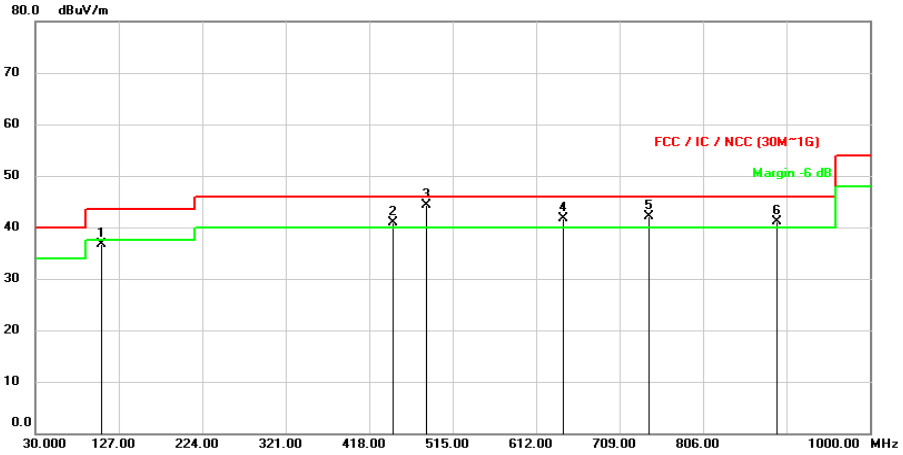
Model: MiiS Horus Scope DEC 100 with Slit-Lamp Jig

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	290.2510	50.57	-14.19	36.38	46.00	-9.62	peak
*	445.5157	54.65	-10.25	44.40	46.00	-1.60	peak
*	482.4080	54.58	-9.69	44.89	46.00	-1.11	peak
*	643.5573	50.12	-6.37	43.75	46.00	-2.25	peak
-	742.5620	49.37	-4.68	44.69	46.00	-1.31	QP
*	891.0690	44.72	-2.75	41.97	46.00	-4.03	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	106.5007	55.57	-18.94	36.63	43.50	-6.87	peak
*	445.5157	51.21	-10.25	40.96	46.00	-5.04	peak
*	483.3457	54.04	-9.68	44.36	46.00	-1.64	peak
*	643.5573	48.02	-6.37	41.65	46.00	-4.35	peak
*	742.5297	46.86	-4.68	42.18	46.00	-3.82	peak
*	891.0690	43.84	-2.75	41.09	46.00	-4.91	peak

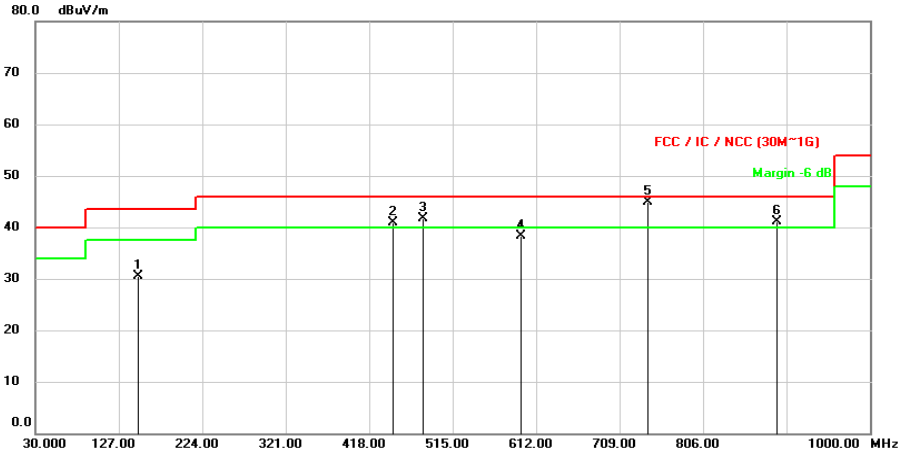
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

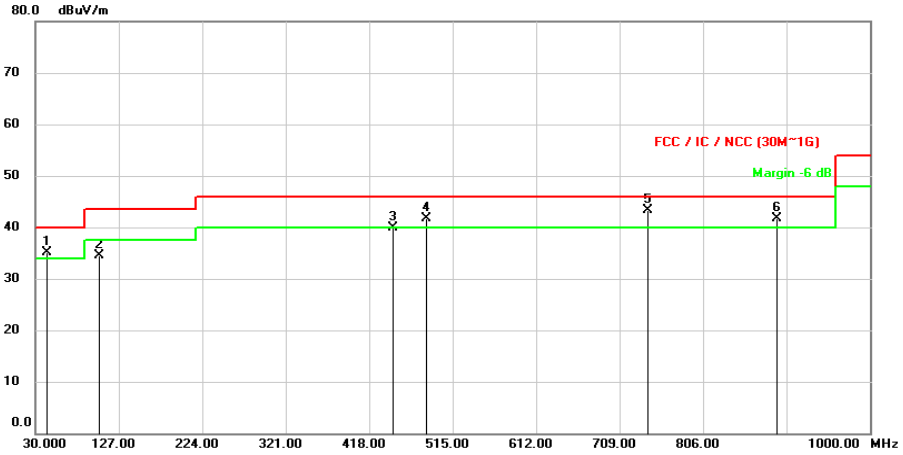
Model: MiiS Horus Scope DGC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	45.77	-15.33	30.44	43.50	-13.06	peak
*	445.5157	51.13	-10.25	40.88	46.00	-5.12	peak
*	481.9230	51.46	-9.70	41.76	46.00	-4.24	peak
*	594.0227	45.40	-7.12	38.28	46.00	-7.72	peak
-	742.5620	49.63	-4.68	44.95	46.00	-1.05	QP
*	891.0690	43.83	-2.75	41.08	46.00	-4.92	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	43.3537	50.47	-15.27	35.20	40.00	-4.80	peak
*	104.4637	53.71	-19.25	34.46	43.50	-9.04	peak
*	445.5157	50.14	-10.25	39.89	46.00	-6.11	peak
*	483.1517	51.37	-9.68	41.69	46.00	-4.31	peak
*	742.5620	48.03	-4.68	43.35	46.00	-2.65	peak
*	891.0690	44.36	-2.75	41.61	46.00	-4.39	peak

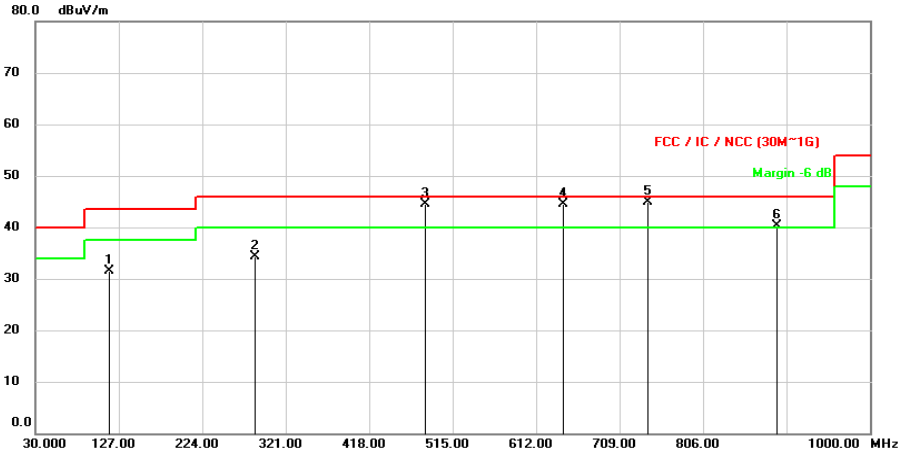
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

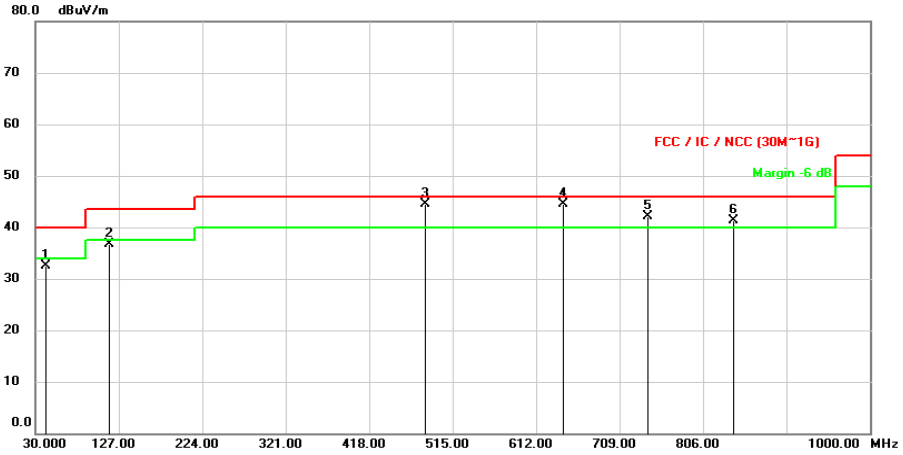
Model: MiiS Horus Scope DOC 100S

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	114.4870	49.60	-18.17	31.43	43.50	-12.07	peak
*	284.2693	48.65	-14.26	34.39	46.00	-11.61	peak
*	483.4103	54.23	-9.68	44.55	46.00	-1.45	peak
*	643.5573	50.79	-6.37	44.42	46.00	-1.58	peak
-	742.5620	49.53	-4.68	44.85	46.00	-1.15	QP
*	891.0690	42.97	-2.75	40.22	46.00	-5.78	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	41.0580	48.09	-15.49	32.60	40.00	-7.40	peak
*	114.7457	54.95	-18.16	36.79	43.50	-6.71	peak
*	482.0847	54.19	-9.69	44.50	46.00	-1.50	peak
*	643.5573	50.90	-6.37	44.53	46.00	-1.47	peak
*	742.5620	46.76	-4.68	42.08	46.00	-3.92	peak
*	841.5667	44.62	-3.40	41.22	46.00	-4.78	peak

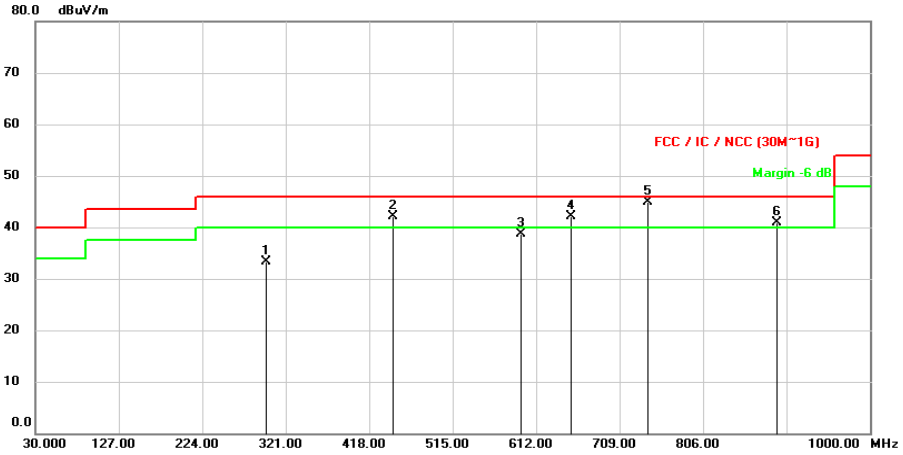
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

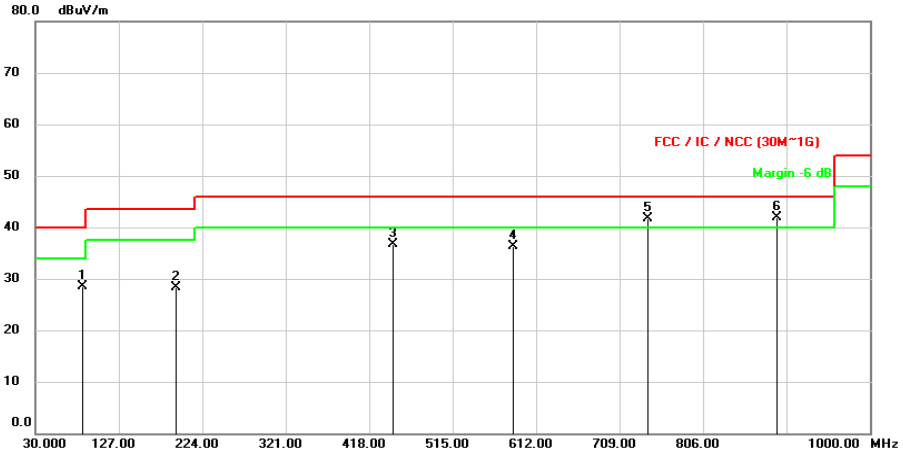
Model: MiiS Horus Scope DOC 300S

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	297.0087	47.53	-14.14	33.39	46.00	-12.61	peak
*	445.5157	52.35	-10.25	42.10	46.00	-3.90	peak
*	594.0550	45.83	-7.12	38.71	46.00	-7.29	peak
*	653.3220	48.29	-6.23	42.06	46.00	-3.94	peak
-	742.5620	49.63	-4.68	44.95	46.00	-1.05	QP
*	891.0690	43.71	-2.75	40.96	46.00	-5.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	84.8373	49.14	-20.69	28.45	40.00	-11.55	peak
*	192.5397	45.51	-17.29	28.22	43.50	-15.28	peak
*	445.5157	46.87	-10.25	36.62	46.00	-9.38	peak
*	586.3920	43.78	-7.40	36.38	46.00	-9.62	peak
*	742.5620	46.39	-4.68	41.71	46.00	-4.29	peak
*	891.0690	44.61	-2.75	41.86	46.00	-4.14	peak

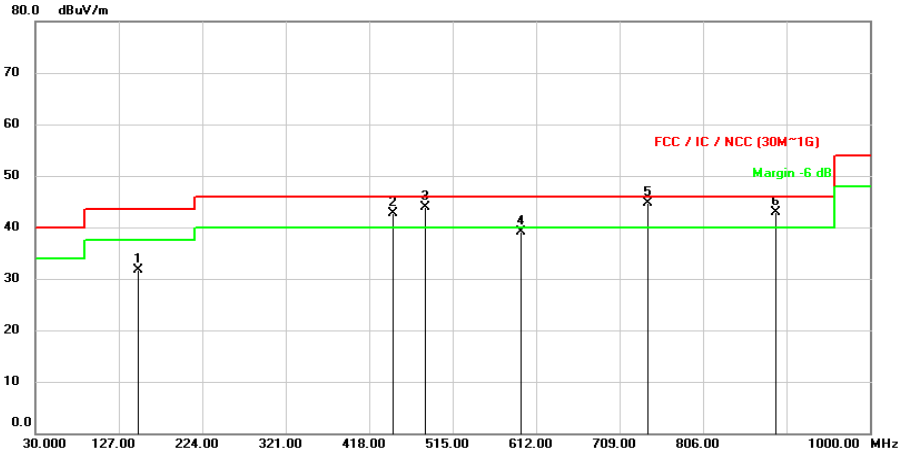
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

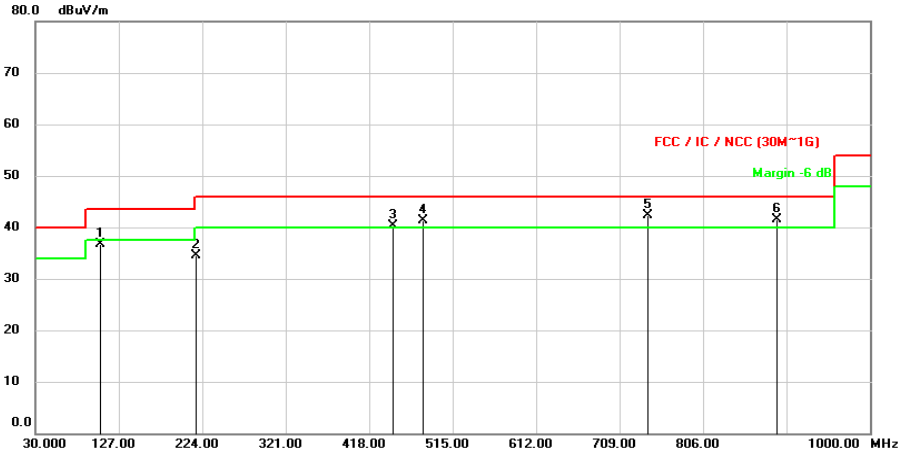
Model: MiiS Horus Scope EEC 100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	47.01	-15.33	31.68	43.50	-11.82	peak
*	445.5480	52.89	-10.25	42.64	46.00	-3.36	peak
*	482.1493	53.59	-9.69	43.90	46.00	-2.10	peak
*	594.0227	46.32	-7.12	39.20	46.00	-6.80	peak
-	742.5620	49.48	-4.68	44.80	46.00	-1.20	QP
*	891.1013	45.60	-2.75	42.85	46.00	-3.15	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	104.8517	55.82	-19.18	36.64	43.50	-6.86	peak
*	216.0137	52.05	-17.62	34.43	46.00	-11.57	peak
*	445.5157	50.60	-10.25	40.35	46.00	-5.65	peak
*	481.6643	50.98	-9.71	41.27	46.00	-4.73	peak
*	742.5620	47.07	-4.68	42.39	46.00	-3.61	peak
*	891.0690	44.19	-2.75	41.44	46.00	-4.56	peak

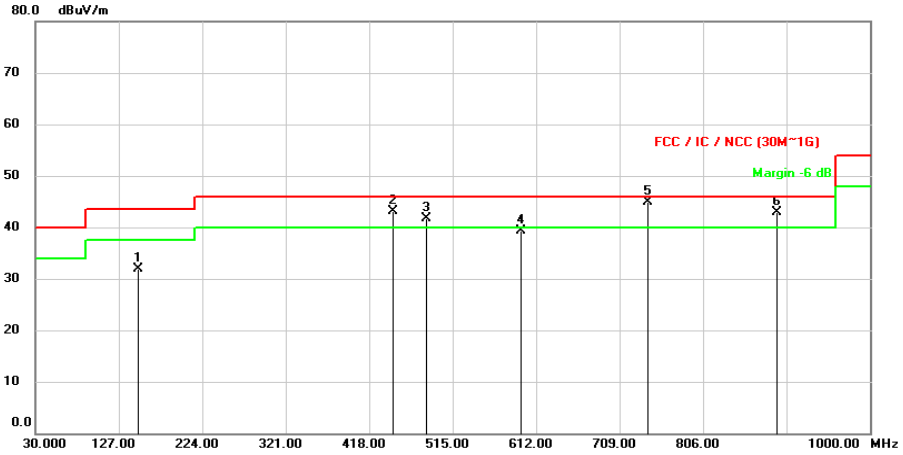
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

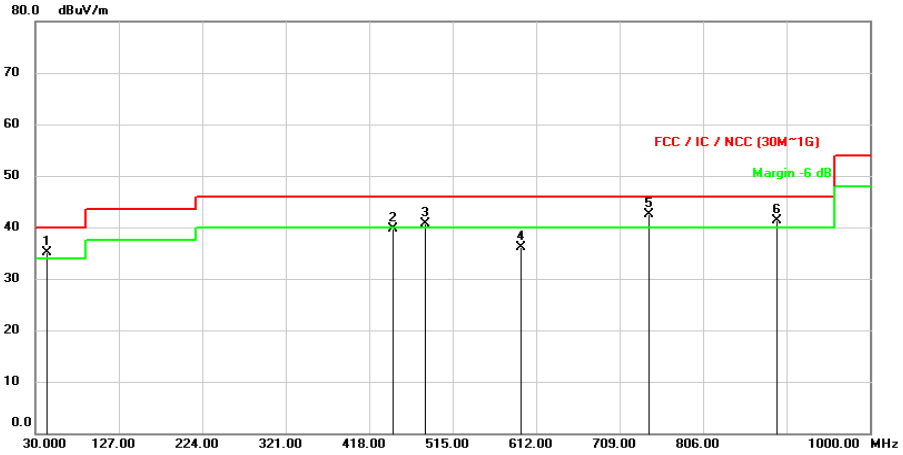
Model: MiiS Horus Scope EEC 100 with CR-100

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	47.26	-15.33	31.93	43.50	-11.57	peak
*	445.5157	53.29	-10.25	43.04	46.00	-2.96	peak
*	483.4427	51.37	-9.68	41.69	46.00	-4.31	peak
*	594.0550	46.52	-7.12	39.40	46.00	-6.60	peak
-	742.5620	49.49	-4.68	44.81	46.00	-1.19	QP
*	891.0690	45.71	-2.75	42.96	46.00	-3.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	43.3537	50.32	-15.27	35.05	40.00	-4.95	peak
*	445.5157	49.94	-10.25	39.69	46.00	-6.31	peak
*	483.4103	50.41	-9.68	40.73	46.00	-5.27	peak
*	594.0227	43.26	-7.12	36.14	46.00	-9.86	peak
*	742.5297	47.23	-4.68	42.55	46.00	-3.45	peak
*	891.0690	44.11	-2.75	41.36	46.00	-4.64	peak

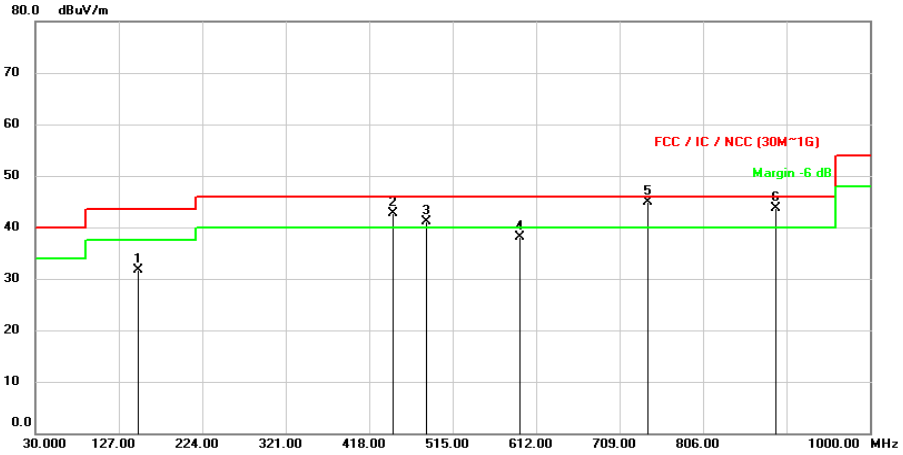
Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

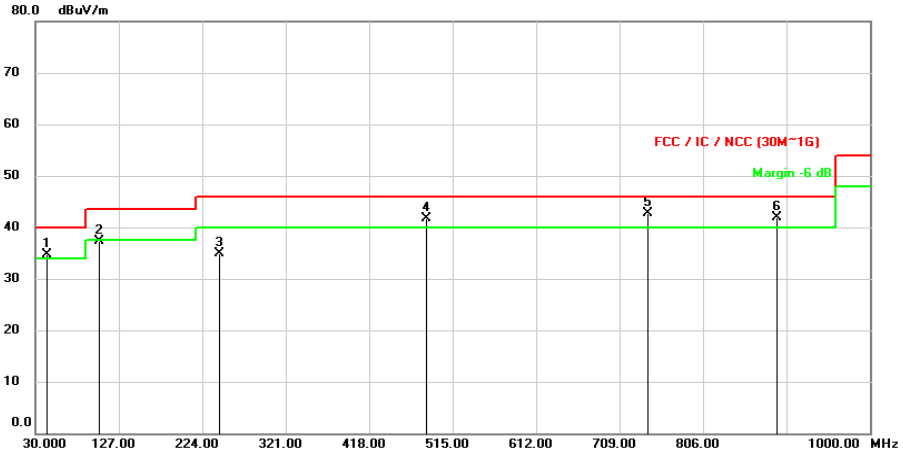
Model: MiiS Horus Scope EEC 100 with Slit-Lamp Jig

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	30 MHz ~ 1 GHz

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	148.5016	46.98	-15.33	31.65	43.50	-11.85	peak
*	445.5157	52.86	-10.25	42.61	46.00	-3.39	peak
*	483.9277	50.86	-9.68	41.18	46.00	-4.82	peak
*	594.0226	45.25	-7.12	38.13	46.00	-7.87	peak
-	742.5620	49.65	-4.68	44.97	46.00	-1.03	QP
*	891.1013	46.40	-2.75	43.65	46.00	-2.35	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	**Frequency**	**Reading**	**Correct**	**Result**	**Limit**	**Margin**	**Remark**
	(MHz)	**(dBuV/m)**	**dB/m**	**(dBuV/m)**	**(dBuV/m)**	**(dB)**	
*	43.4830	49.89	-15.27	34.62	40.00	-5.38	peak
*	103.9787	56.56	-19.32	37.24	43.50	-6.26	peak
*	244.6933	50.66	-15.84	34.82	46.00	-11.18	peak
*	483.0870	51.33	-9.69	41.64	46.00	-4.36	peak
*	742.5620	47.46	-4.68	42.78	46.00	-3.22	peak
*	891.0690	44.62	-2.75	41.87	46.00	-4.13	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

9.6. AC Power Line Conducted Emission

Requirements

Frequency (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

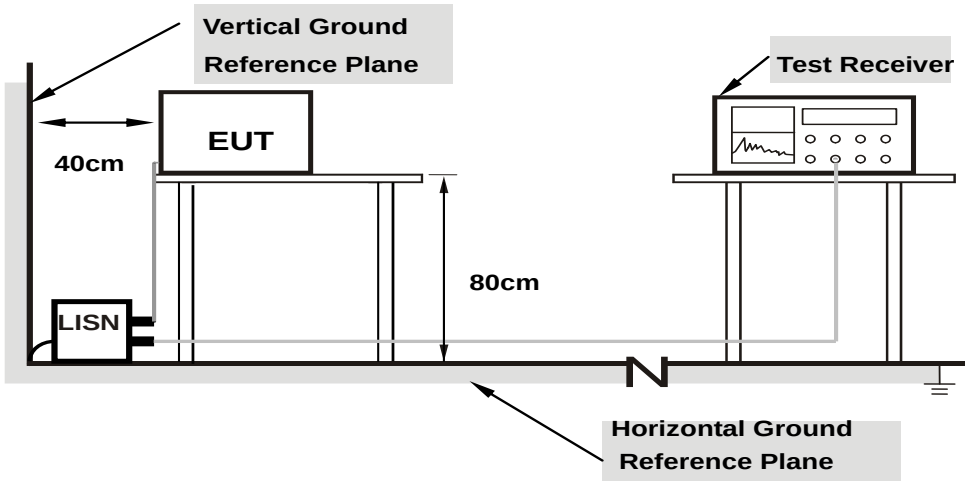
Note:
1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Procedures

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

Test Setup



Note: 1.Support units were connected to second LISN.

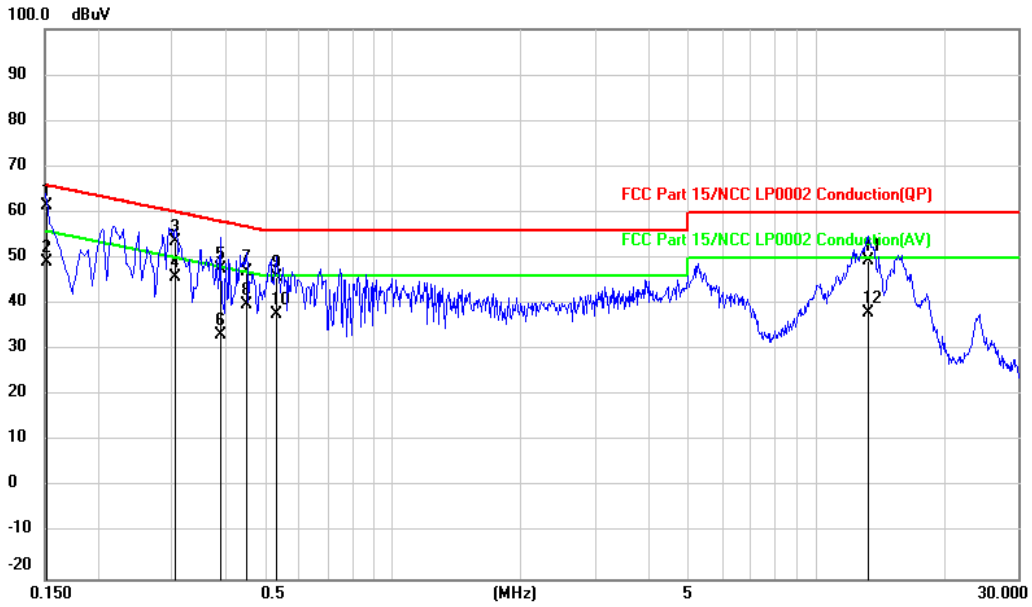
For the actual test configuration, please refer to the Setup Configurations.

Test Data

Adapter Mode

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	150 kHz ~ 30 MHz

Phase of Power：Line (L)

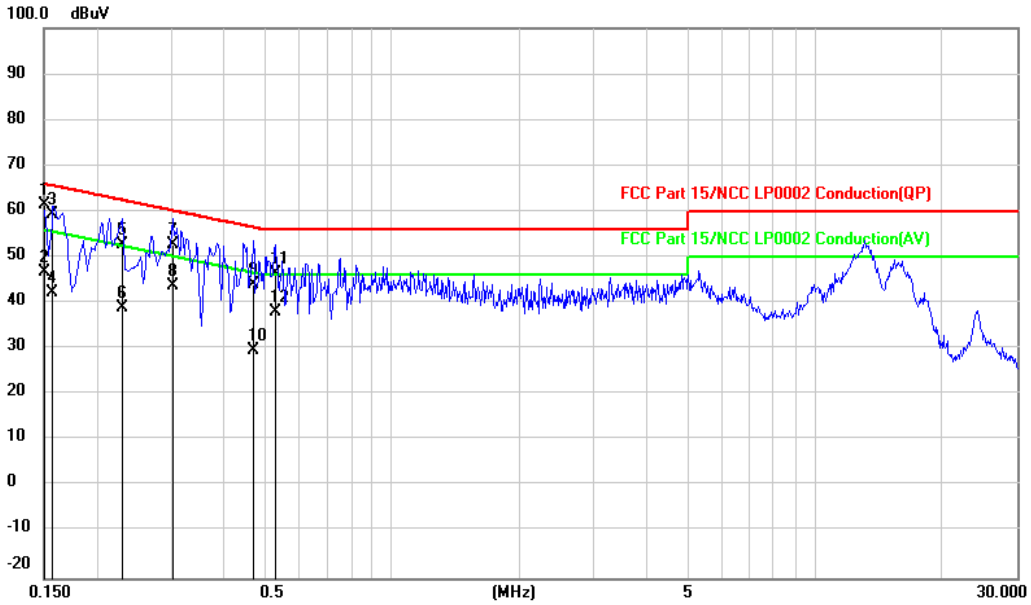


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1516	41.75	19.69	61.44	65.91	-4.47	QP
2	0.1516	29.33	19.69	49.02	55.91	-6.89	AVG
3	0.3060	33.86	19.67	53.53	60.08	-6.55	QP
4	0.3060	26.07	19.67	45.74	50.08	-4.34	AVG
5	0.3899	27.93	19.67	47.60	58.07	-10.47	QP
6	0.3899	13.48	19.67	33.15	48.07	-14.92	AVG
7	0.4500	27.51	19.67	47.18	56.88	-9.70	QP
8	0.4500	20.13	19.67	39.80	46.88	-7.08	AVG
9	0.5299	26.26	19.67	45.93	56.00	-10.07	QP
10	0.5299	18.12	19.67	37.79	46.00	-8.21	AVG
11	13.2700	29.67	19.83	49.50	60.00	-10.50	QP
12	13.2700	18.33	19.83	38.16	50.00	-11.84	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

Phase of Power：Neutral (N)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1514	41.88	19.68	61.56	65.92	-4.36	QP
2	0.1514	26.98	19.68	46.66	55.92	-9.26	AVG
3	0.1580	39.58	19.68	59.26	65.57	-6.31	QP
4	0.1580	22.66	19.68	42.34	55.57	-13.23	AVG
5	0.2303	32.97	19.68	52.65	62.44	-9.79	QP
6	0.2303	19.21	19.68	38.89	52.44	-13.55	AVG
7	0.3023	33.05	19.67	52.72	60.18	-7.46	QP
8	0.3023	24.14	19.67	43.81	50.18	-6.37	AVG
9	0.4700	24.41	19.67	44.08	56.51	-12.43	QP
10	0.4700	10.10	19.67	29.77	46.51	-16.74	AVG
11	0.5299	26.73	19.67	46.40	56.00	-9.60	QP
12	0.5299	18.34	19.67	38.01	46.00	-7.99	AVG

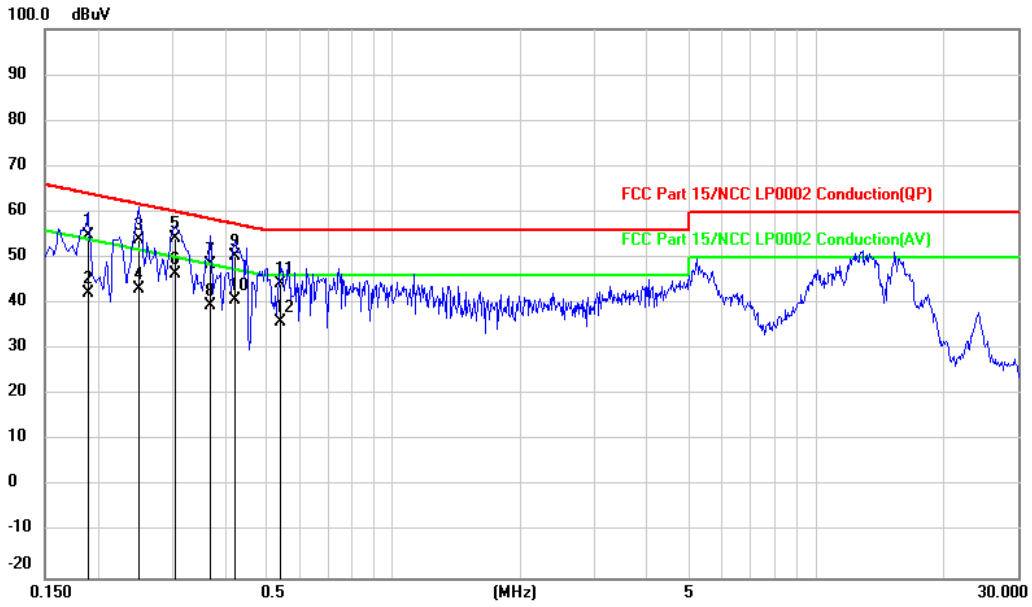
Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

Charging Station Mode

EUT Test Condition		Measurement Detail	
Channel	Channel 0	**Frequency Range**	150 kHz ~ 30 MHz

Phase of Power：Line (L)

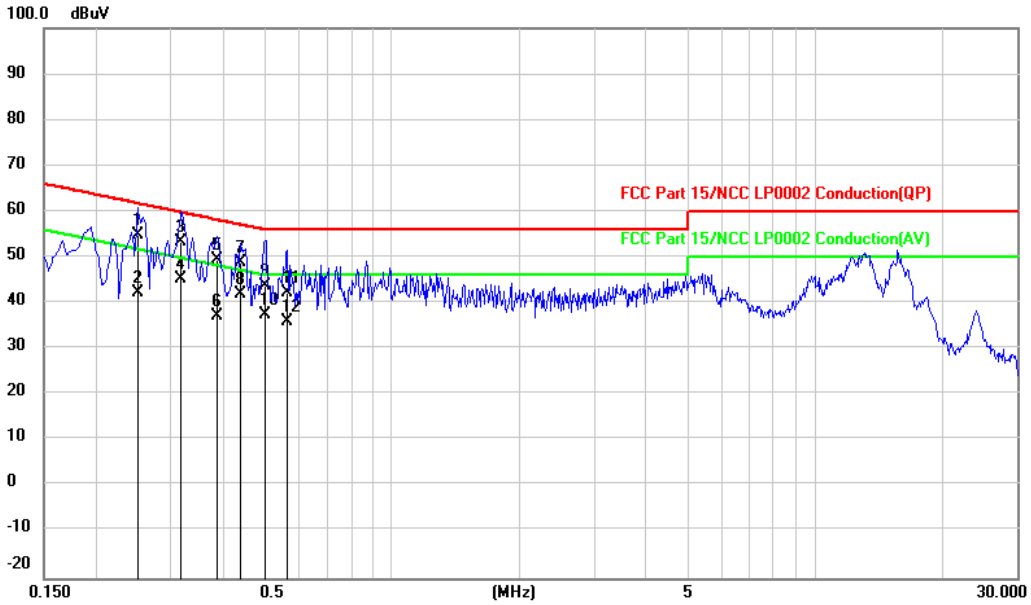


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1900	35.08	19.68	54.76	64.04	-9.28	QP
2	0.1900	22.47	19.68	42.15	54.04	-11.89	AVG
3	0.2500	34.22	19.68	53.90	61.76	-7.86	QP
4	0.2500	23.53	19.68	43.21	51.76	-8.55	AVG
5	0.3060	34.67	19.67	54.34	60.08	-5.74	QP
6	0.3060	26.79	19.67	46.46	50.08	-3.62	AVG
7	0.3700	28.79	19.67	48.46	58.50	-10.04	QP
8	0.3700	19.87	19.67	39.54	48.50	-8.96	AVG
9	0.4220	30.67	19.67	50.34	57.41	-7.07	QP
10	0.4220	21.23	19.67	40.90	47.41	-6.51	AVG
11	0.5420	24.66	19.67	44.33	56.00	-11.67	QP
12	0.5420	16.26	19.67	35.93	46.00	-10.07	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

Phase of Power：Neutral (N)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.2483	35.20	19.68	54.88	61.81	-6.93	QP
2	0.2483	22.61	19.68	42.29	51.81	-9.52	AVG
3	0.3175	33.66	19.67	53.33	59.77	-6.44	QP
4	0.3175	25.62	19.67	45.29	49.77	-4.48	AVG
5	0.3837	29.88	19.67	49.55	58.20	-8.65	QP
6	0.3837	17.47	19.67	37.14	48.20	-11.06	AVG
7	0.4380	29.21	19.67	48.88	57.10	-8.22	QP
8	0.4380	22.16	19.67	41.83	47.10	-5.27	AVG
9	0.5020	24.10	19.67	43.77	56.00	-12.23	QP
10	0.5020	17.73	19.67	37.40	46.00	-8.60	AVG
11	0.5660	22.53	19.67	42.20	56.00	-13.80	QP
12	0.5660	16.30	19.67	35.97	46.00	-10.03	AVG

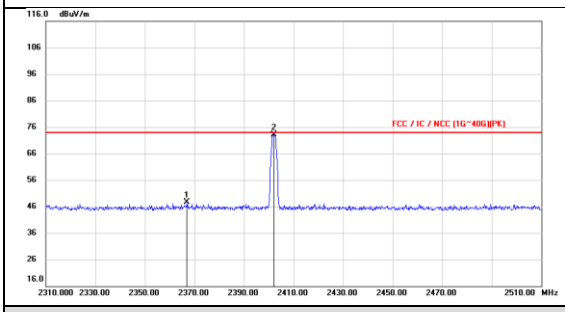
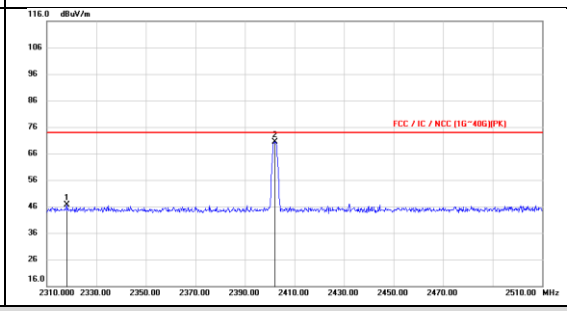
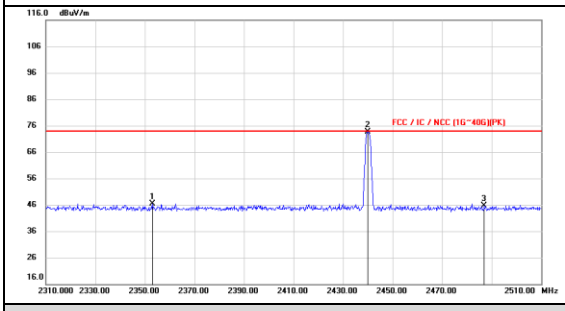
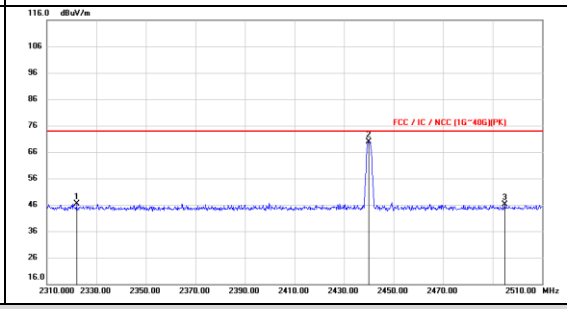
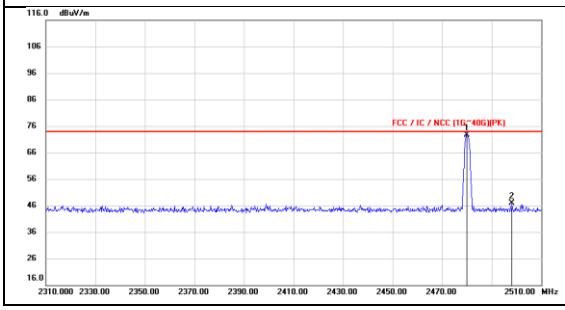
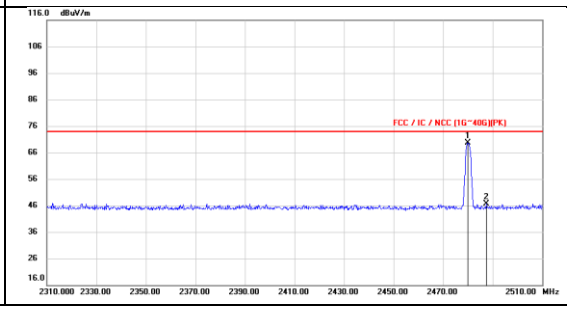
Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

Appendix I Radiated Band Edge Measurement

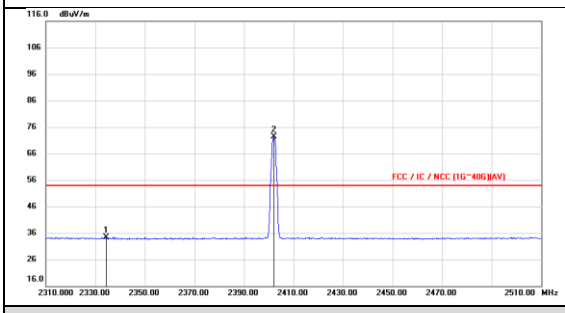
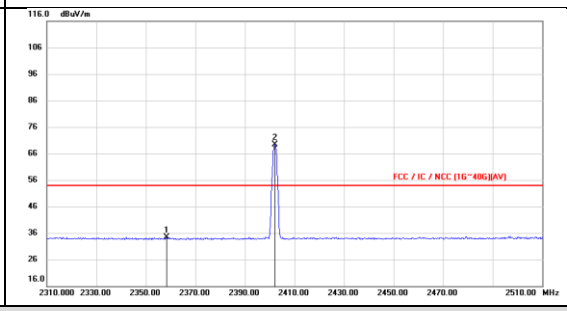
Model: MiiS Horus Scope Adapter 300

Peak

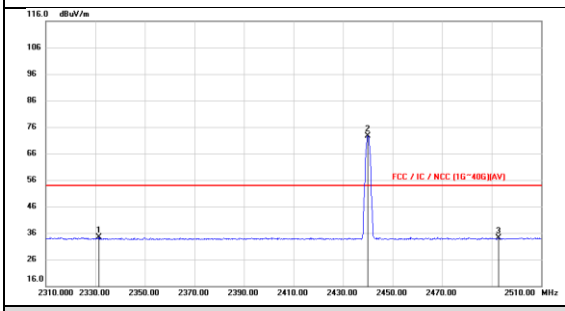
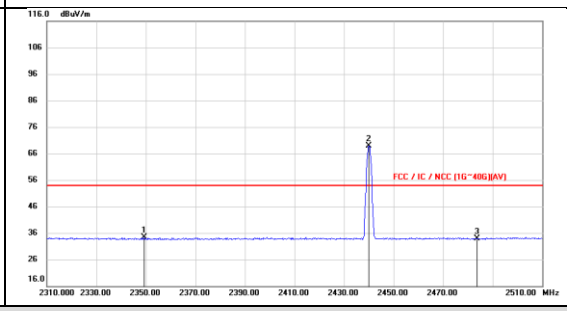
Ch0	
Horizontal	Vertical
	
Ch19	
Horizontal	Vertical
	
Ch39	
Horizontal	Vertical
	

Average

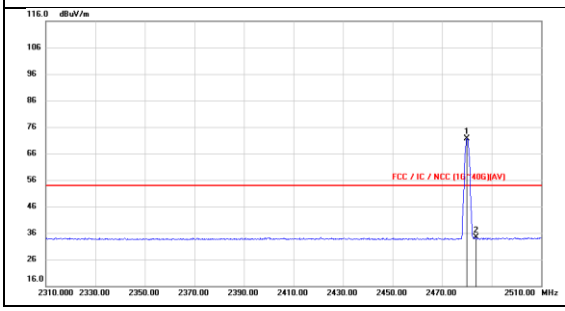
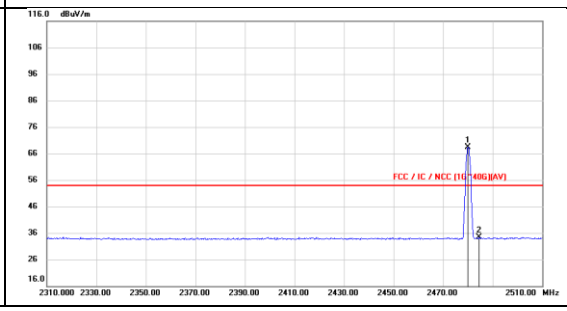
Ch0

Horizontal	Vertical
	

Ch19

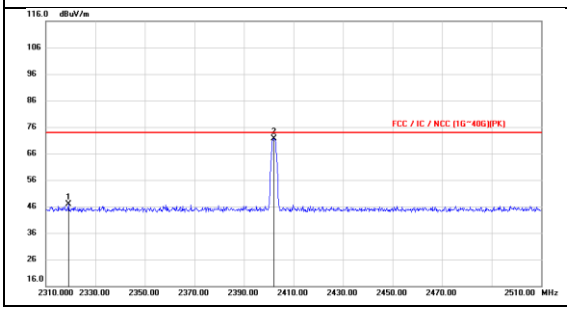
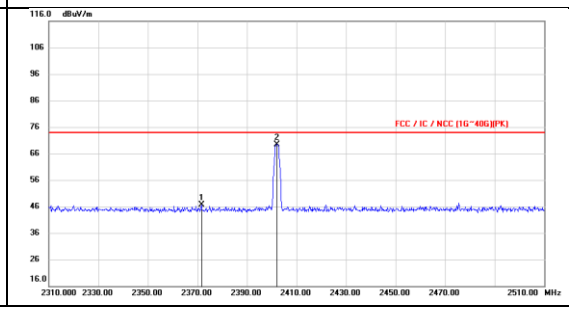
Horizontal	Vertical
	

Ch39

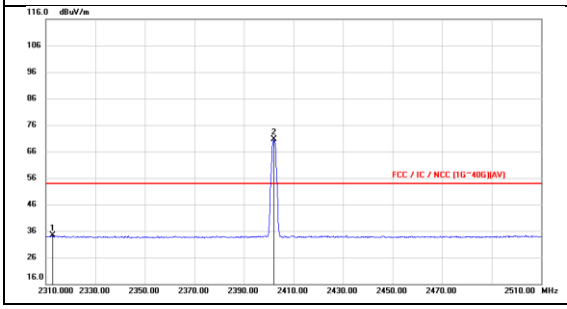
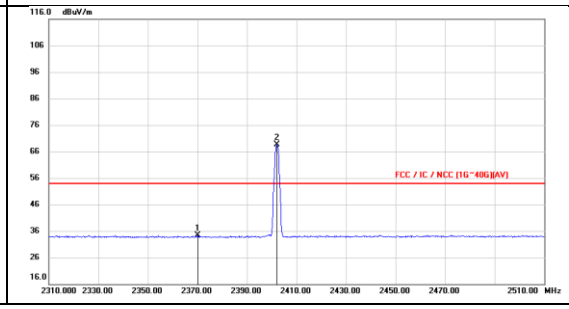
Horizontal	Vertical
	

Model: MiiS Horus Scope DDC 100

Peak

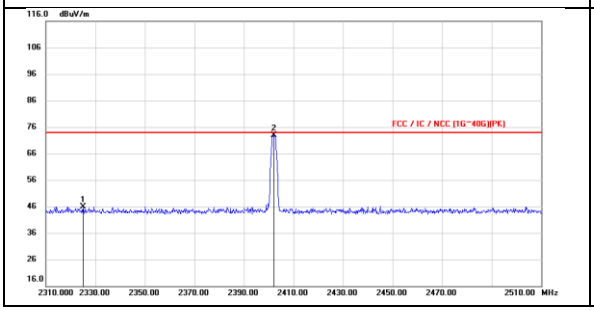
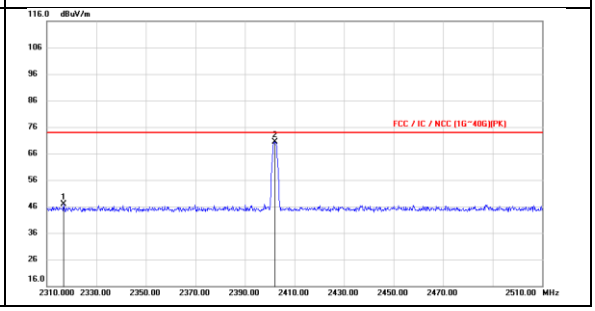
Ch0	
Horizontal	Vertical
	

Average

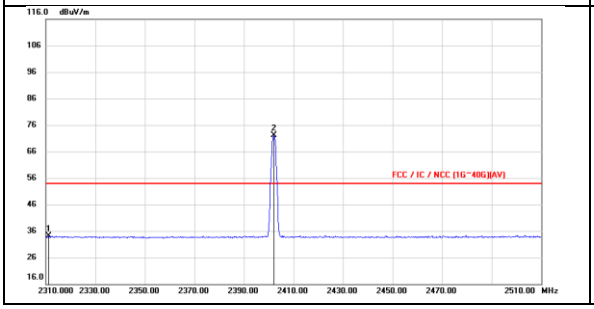
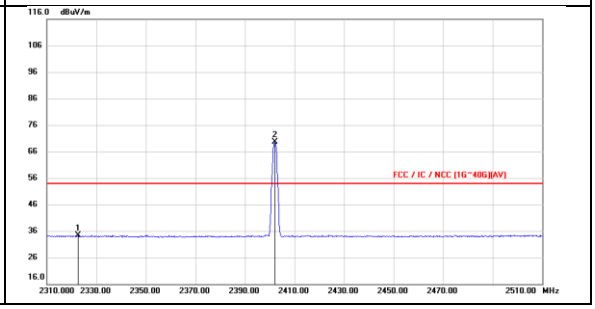
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DDC 200

Peak

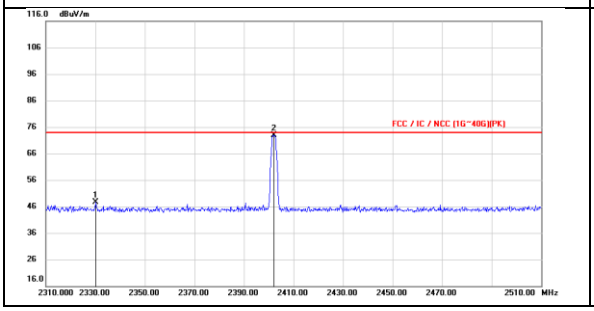
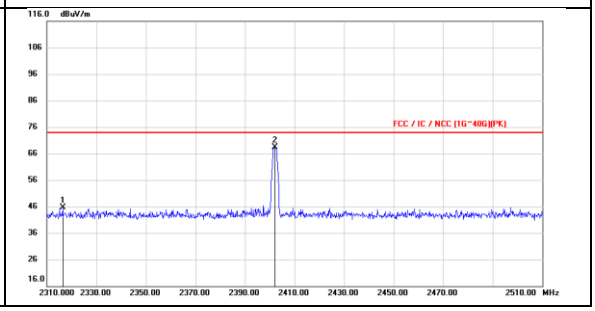
Ch0	
Horizontal	Vertical
	

Average

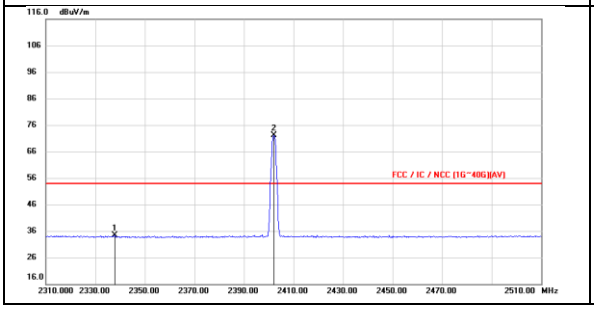
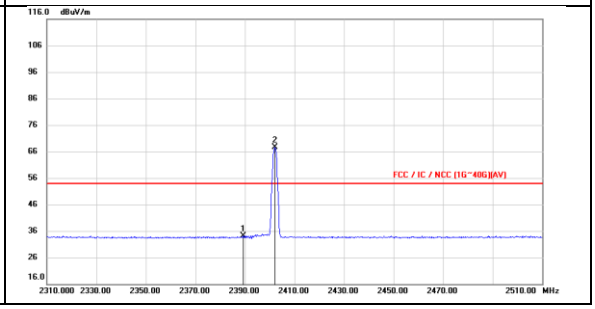
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEA 100

Peak

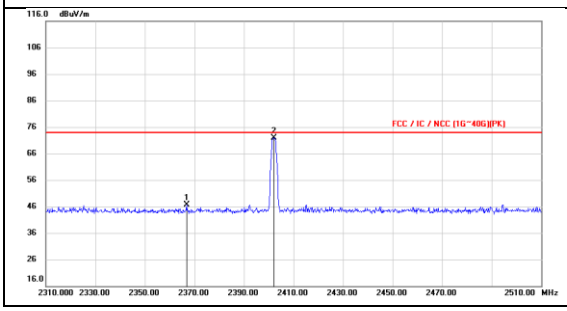
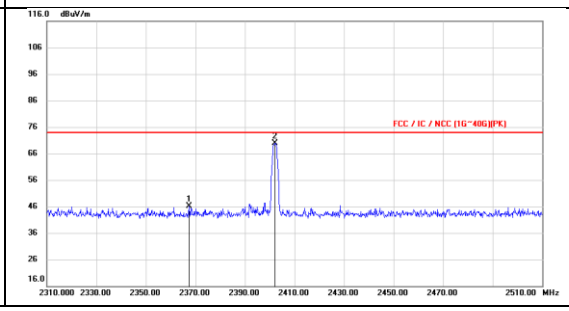
Ch0	
Horizontal	Vertical
	

Average

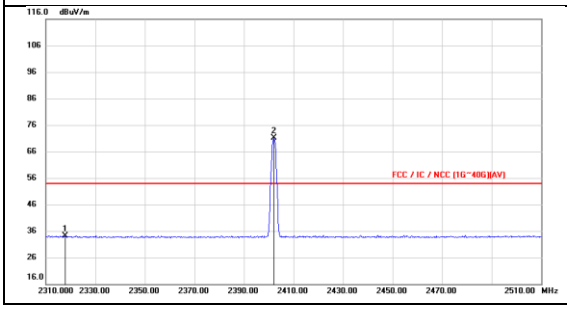
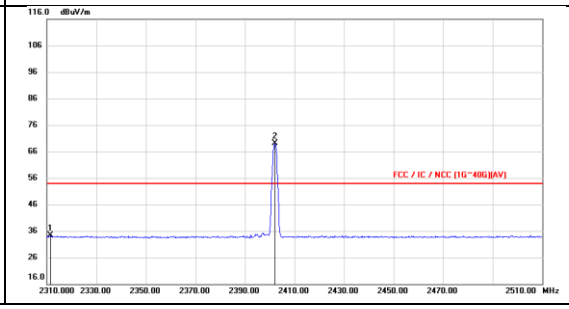
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEA 100 with ILS 100

Peak

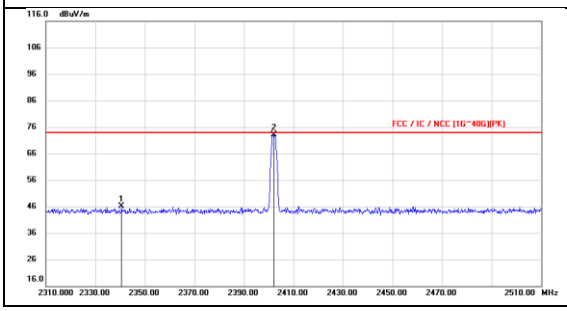
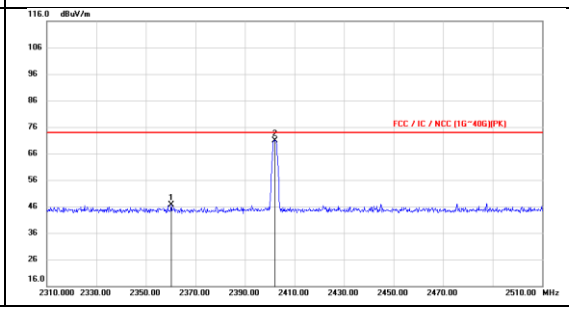
Ch0	
Horizontal	Vertical
	

Average

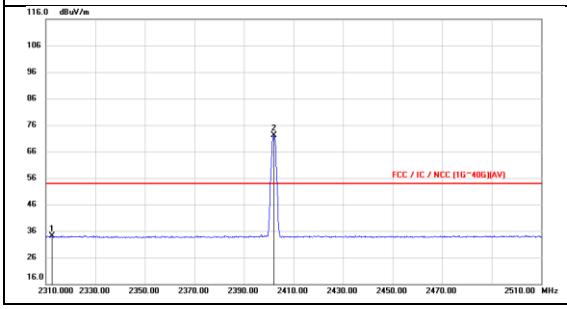
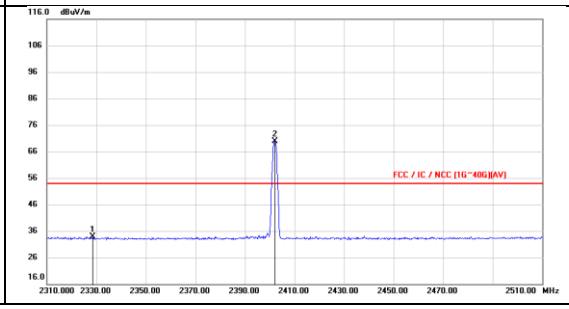
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEA 200P

Peak

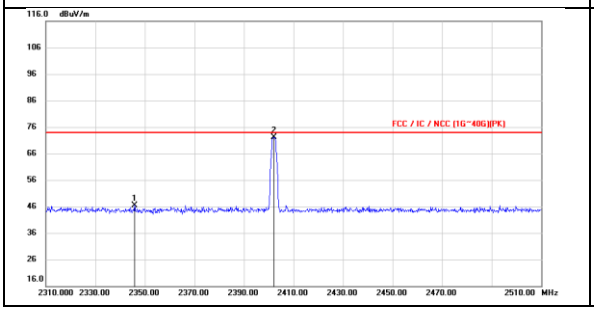
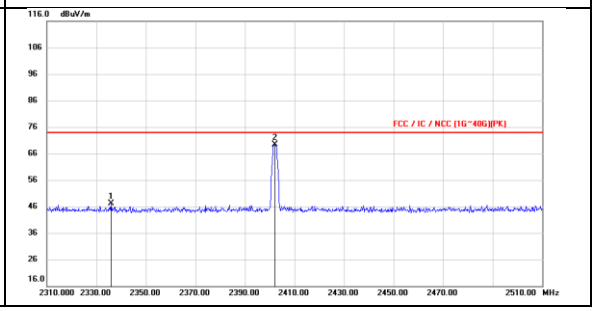
Ch0	
Horizontal	Vertical
	

Average

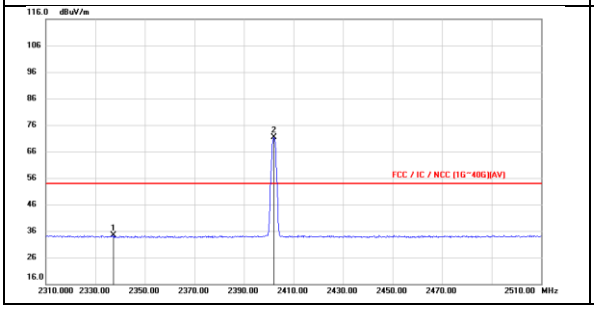
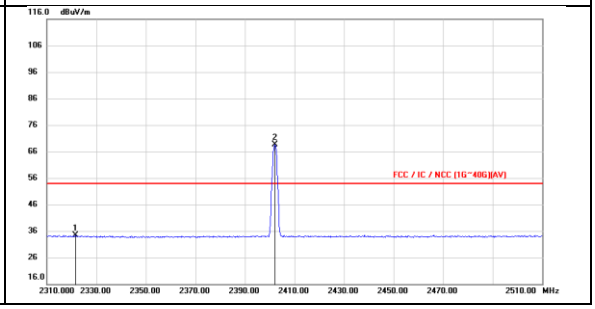
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEC 100

Peak

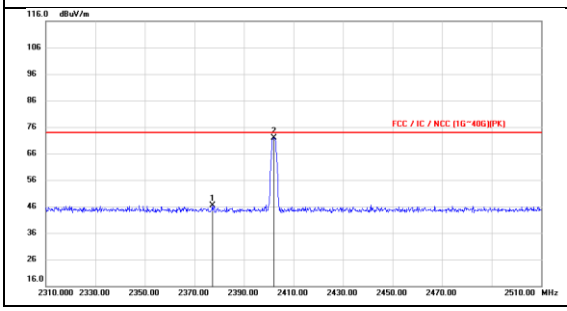
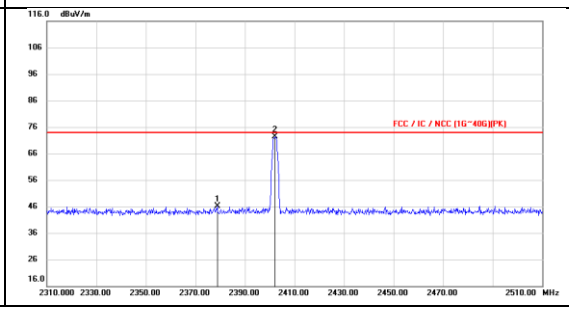
Ch0	
Horizontal	Vertical
	

Average

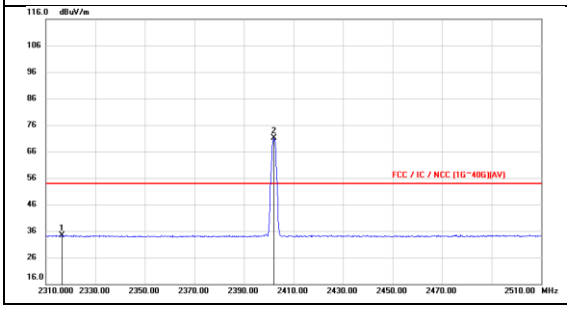
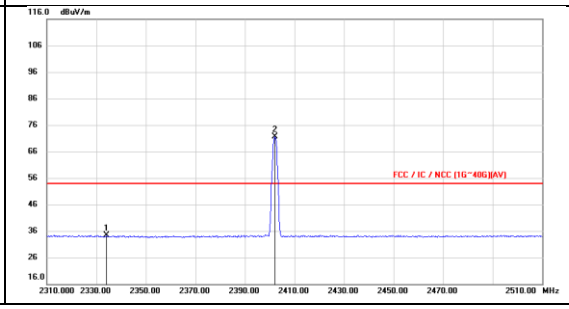
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEC 100 with CR-100

Peak

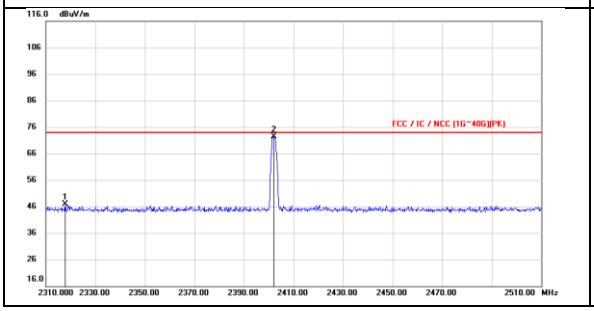
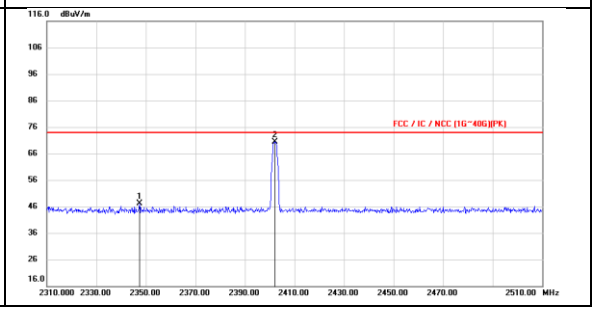
Ch0	
Horizontal	Vertical
	

Average

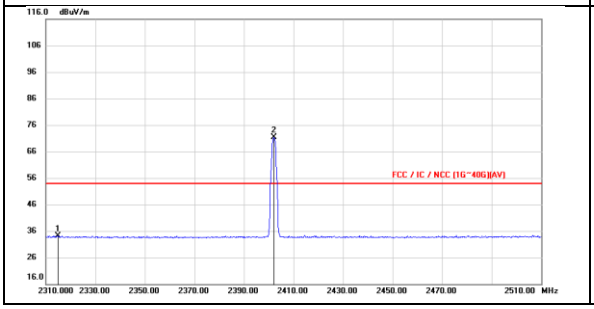
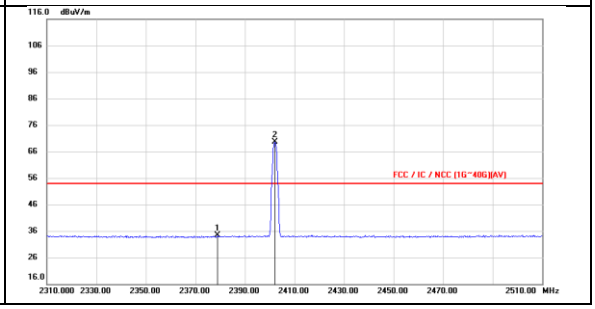
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DEC 100 with Slit-Lamp Jig

Peak

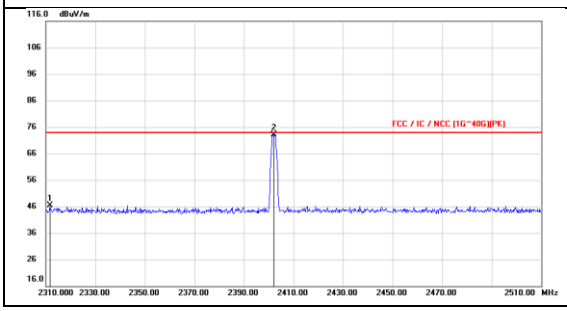
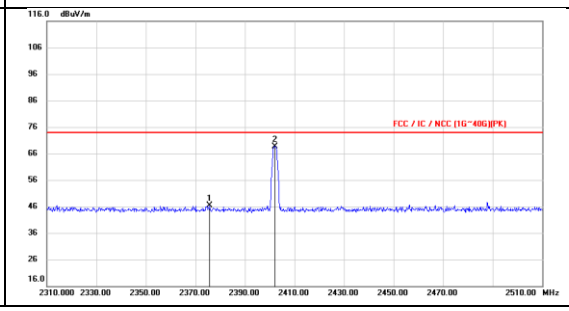
Ch0	
Horizontal	Vertical
	

Average

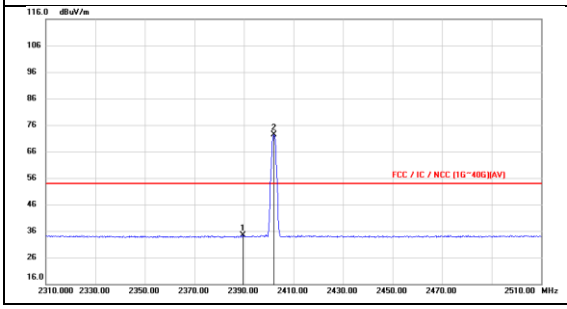
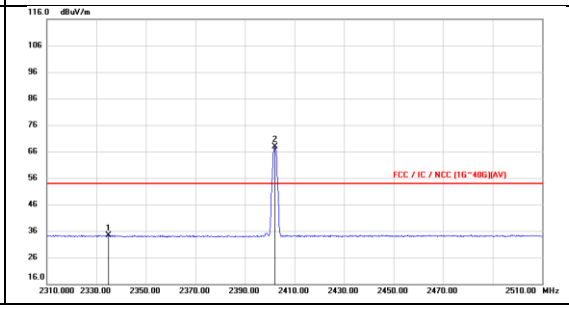
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DGC 100

Peak

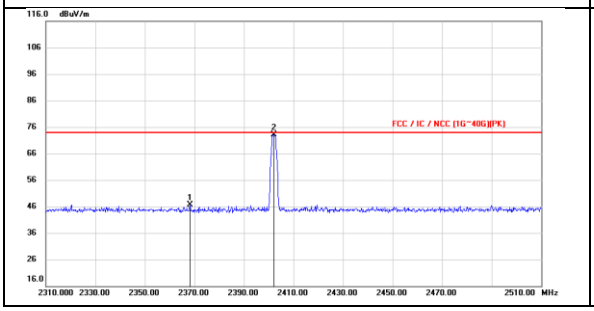
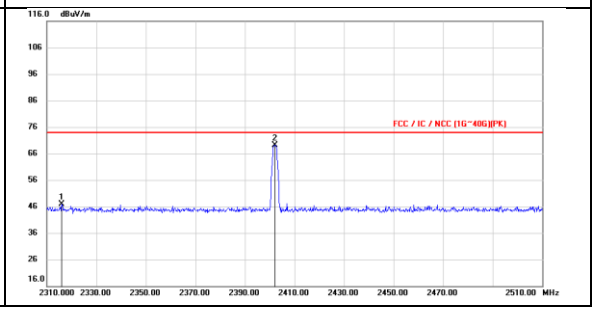
Ch0	
Horizontal	Vertical
	

Average

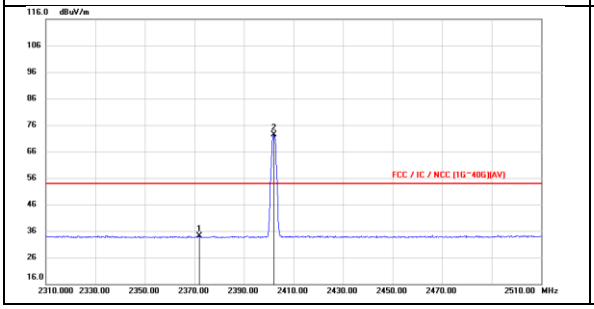
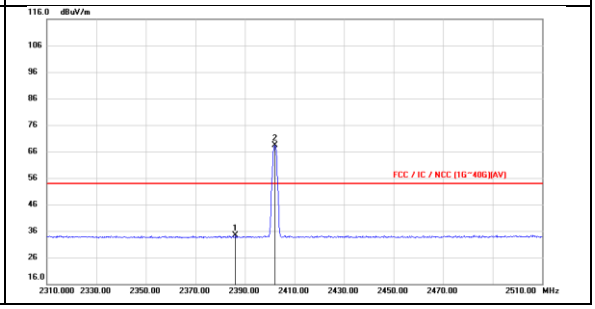
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DOC 100S

Peak

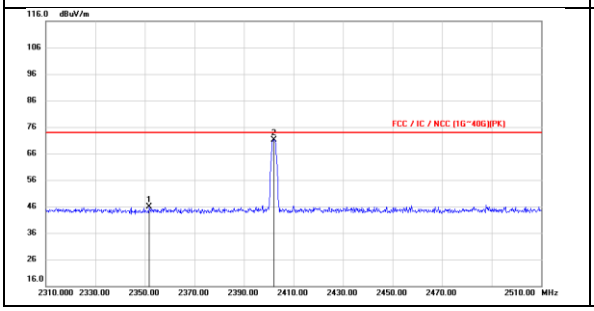
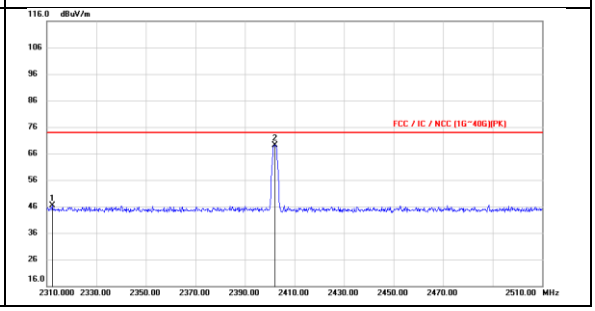
Ch0	
Horizontal	Vertical
	

Average

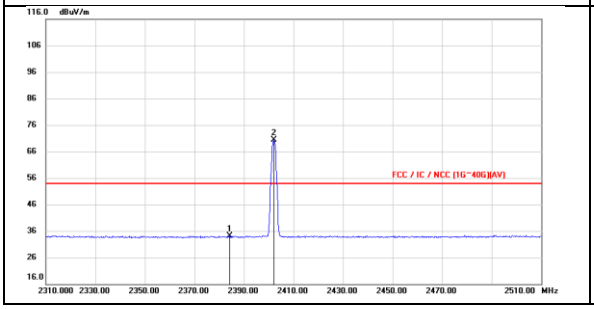
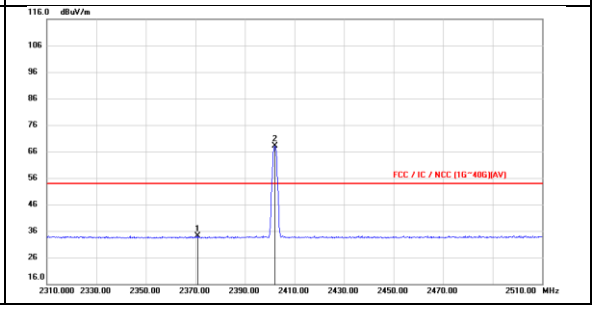
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope DOC 300S

Peak

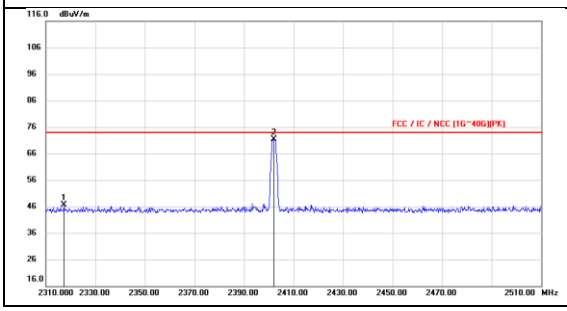
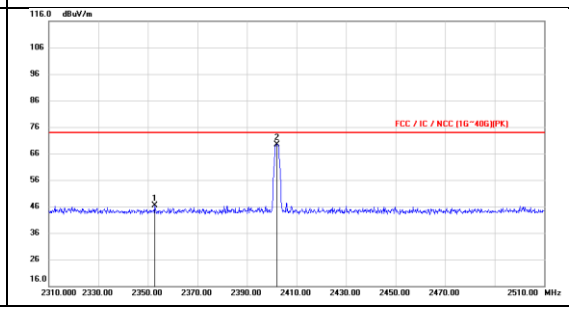
Ch0	
Horizontal	Vertical
	

Average

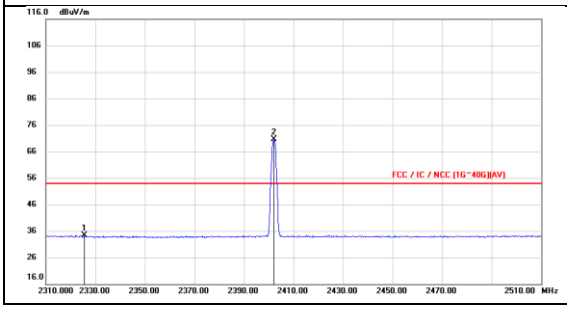
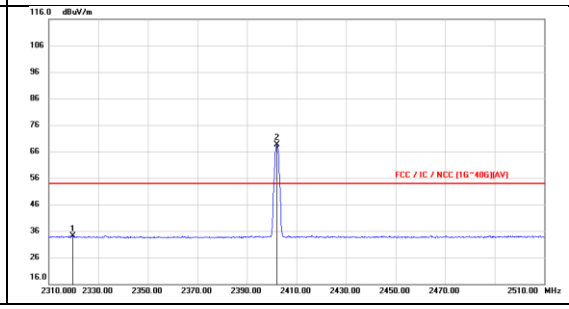
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100

Peak

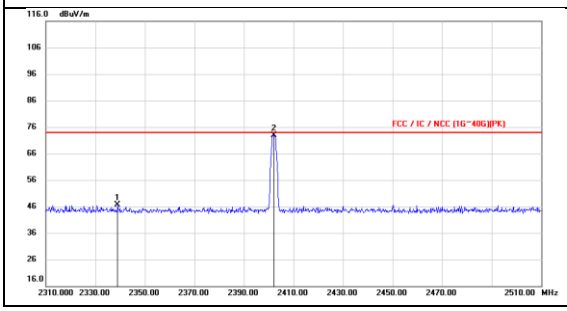
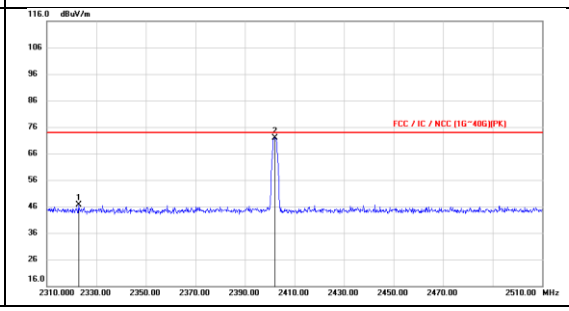
Ch0	
Horizontal	Vertical
	

Average

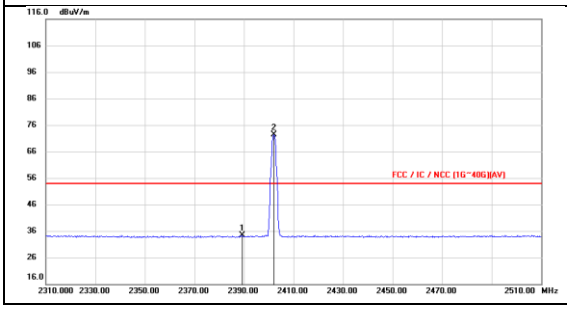
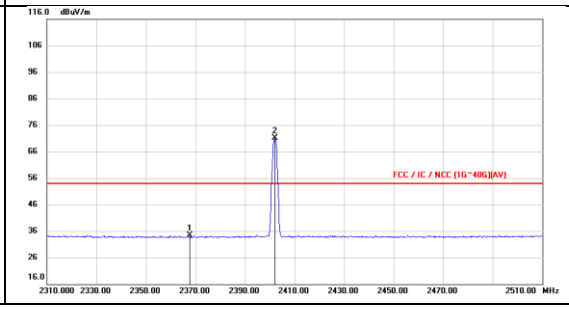
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100 with CR-100

Peak

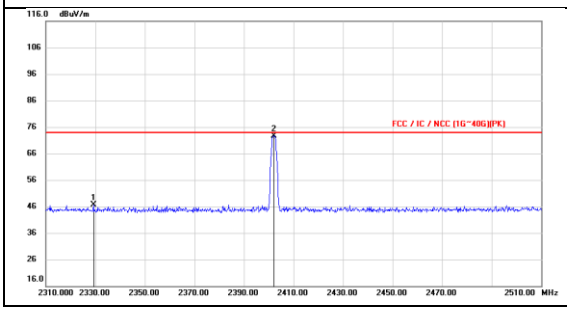
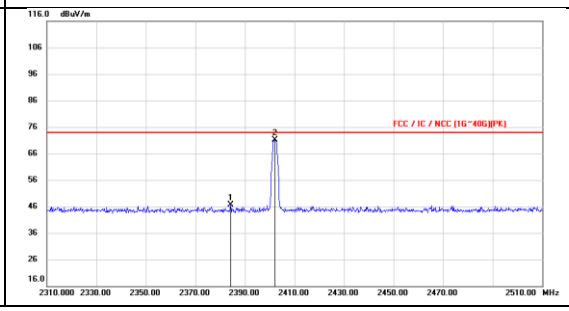
Ch0	
Horizontal	Vertical
	

Average

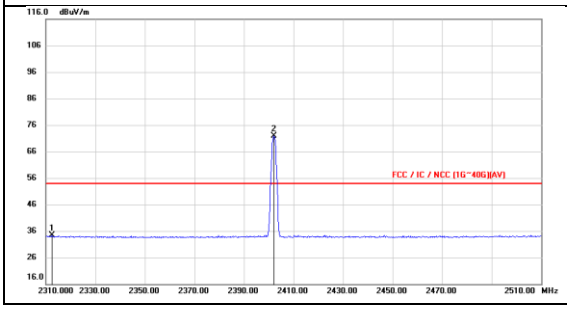
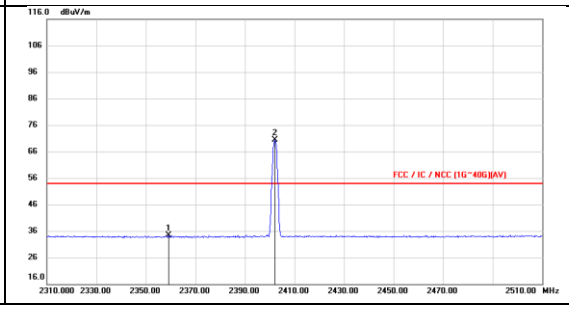
Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100 with Slit-Lamp Jig

Peak

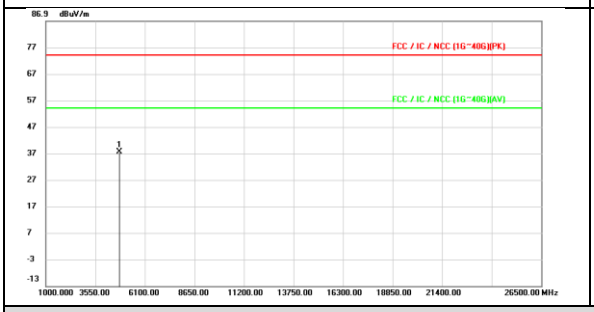
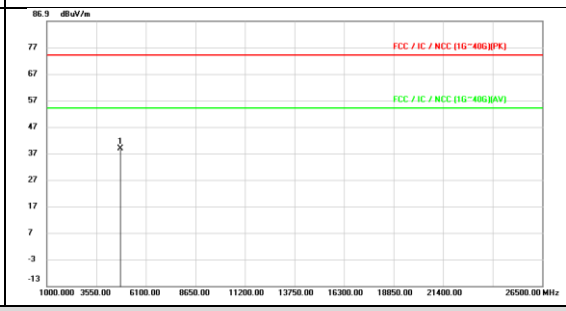
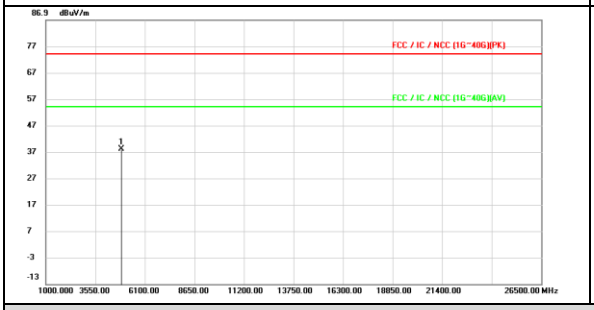
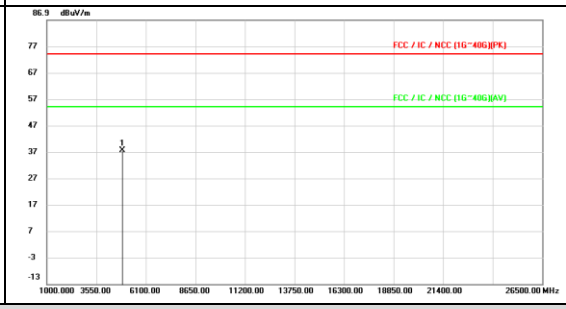
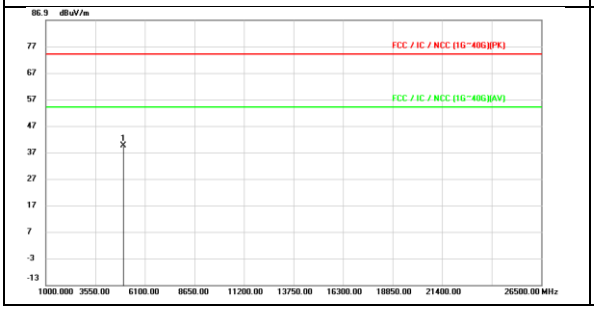
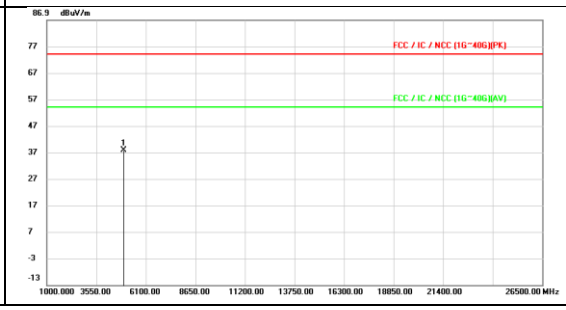
Ch0	
Horizontal	Vertical
	

Average

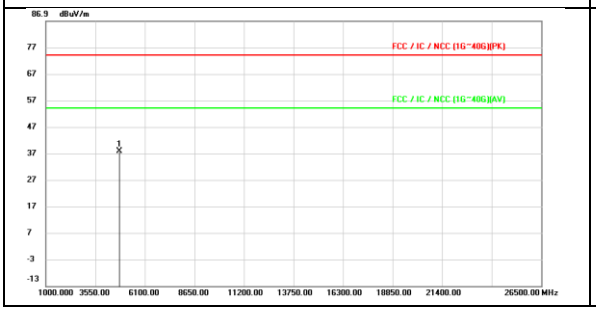
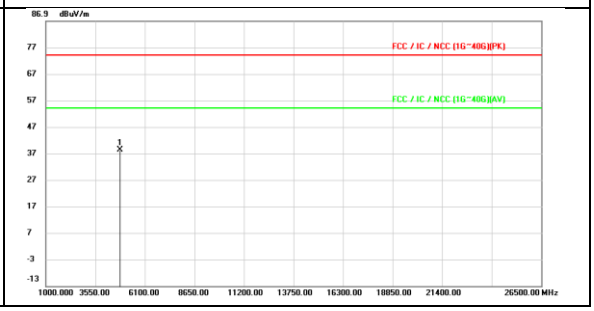
Ch0	
Horizontal	Vertical
	

Appendix II Radiated Spurious Emission Measurement

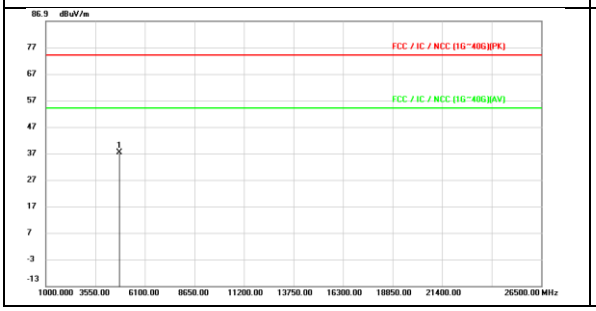
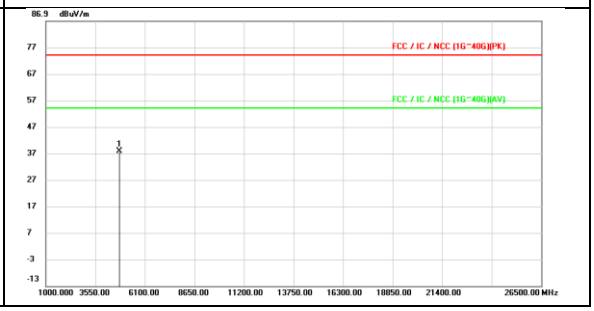
Model: MiiS Horus Scope Adapter 300

Ch0	
Horizontal	Vertical
	
Ch19	
Horizontal	Vertical
	
Ch39	
Horizontal	Vertical
	

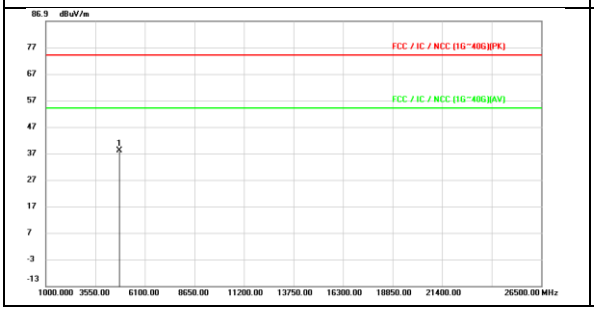
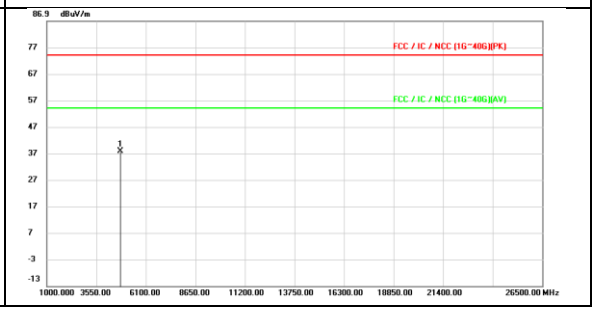
Model: MiiS Horus Scope DDC 100

Ch0	
Horizontal	Vertical
	

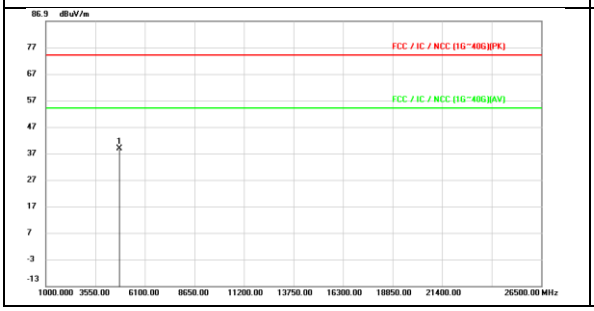
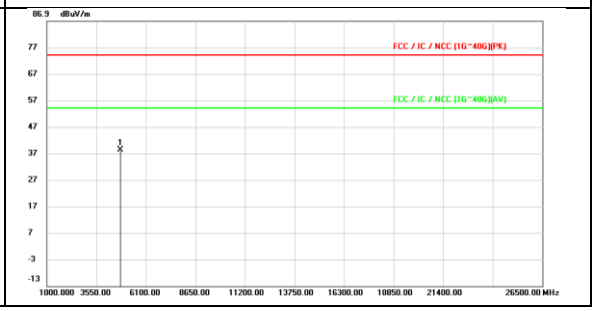
Model: MiiS Horus Scope DDC 200

Ch0	
Horizontal	Vertical
	

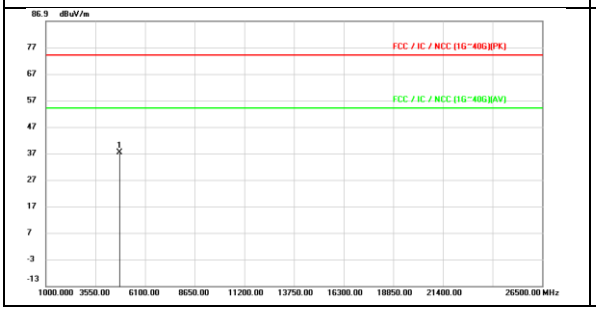
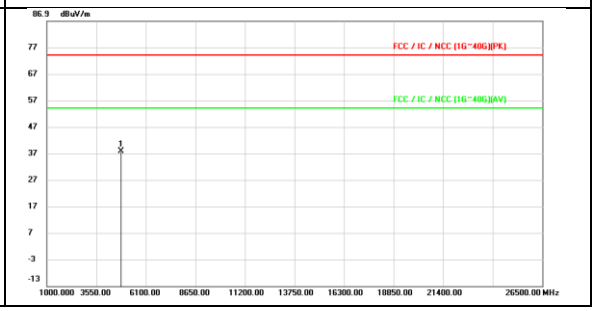
Model: MiiS Horus Scope DEA 100

Ch0	
Horizontal	Vertical
	

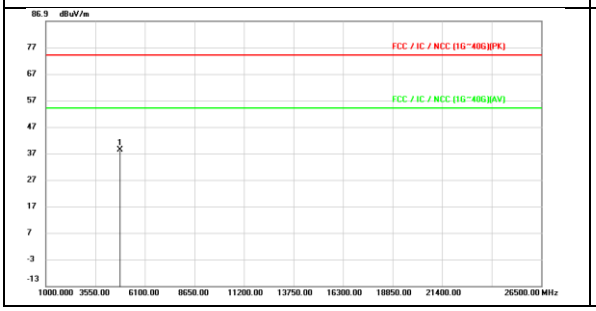
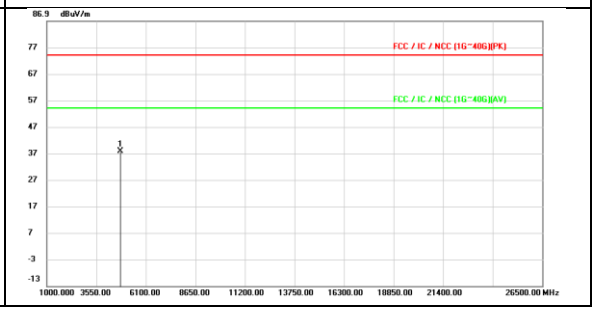
Model: MiiS Horus Scope DEA 100 with ILS 100

Ch0	
Horizontal	Vertical
	

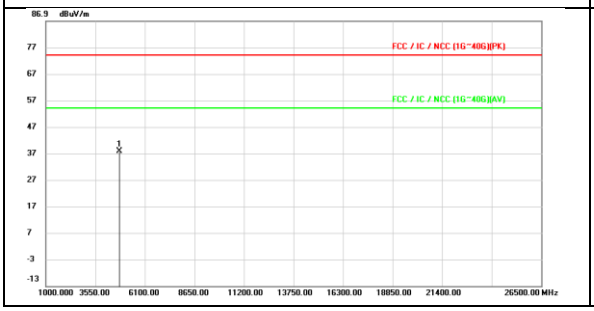
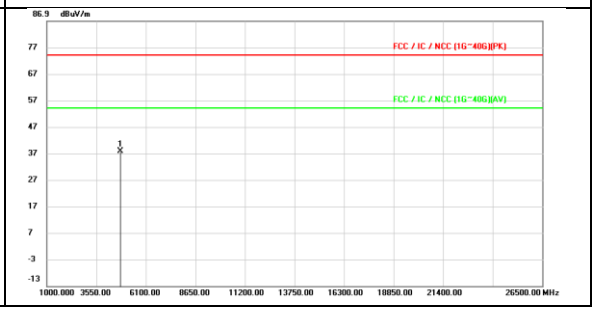
Model: MiiS Horus Scope DEA 200P

Ch0	
Horizontal	Vertical
	

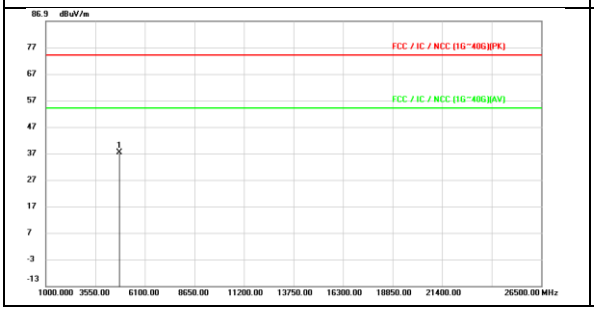
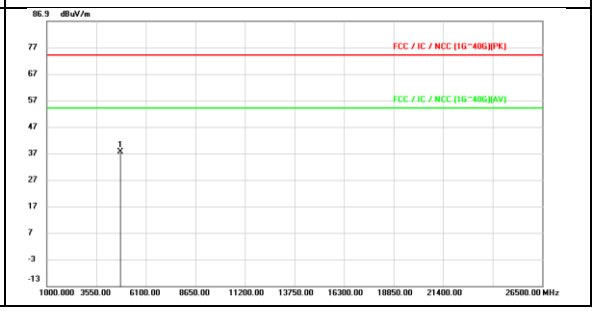
Model: MiiS Horus Scope DEC 100

Ch0	
Horizontal	Vertical
	

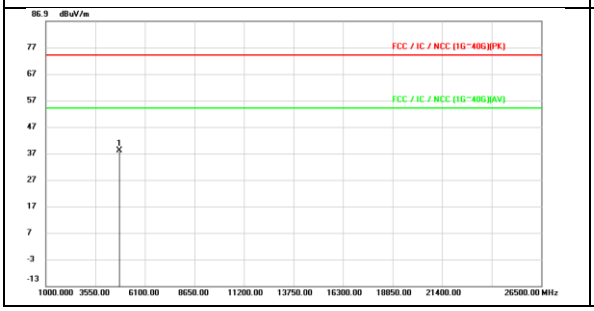
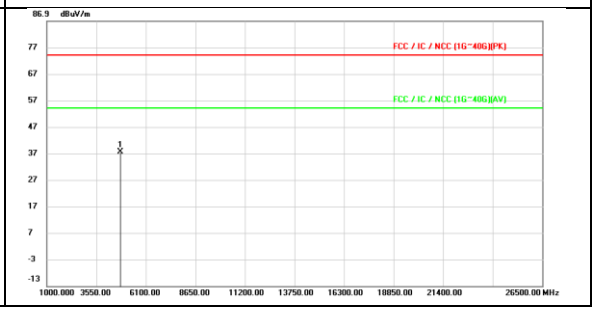
Model: MiiS Horus Scope DEC 100 with CR-100

Ch0	
Horizontal	Vertical
	

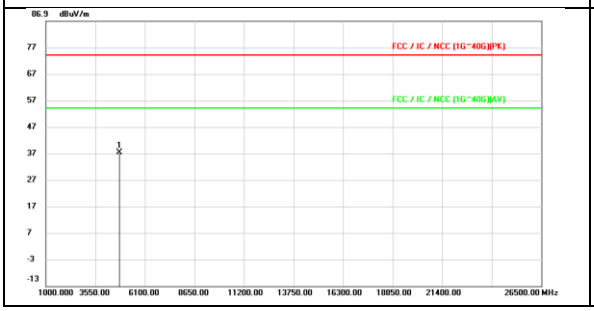
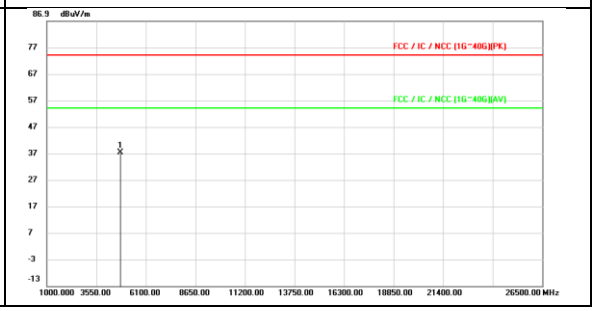
Model: MiiS Horus Scope DEC 100 with Slit-Lamp Jig

Ch0	
Horizontal	Vertical
	

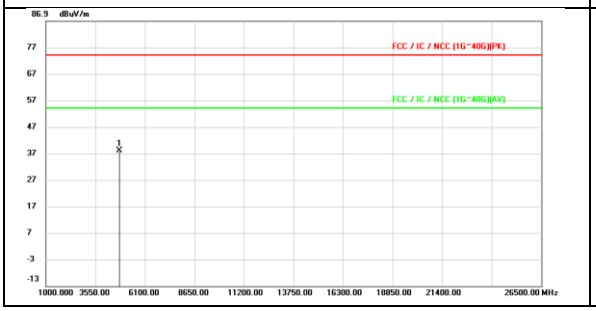
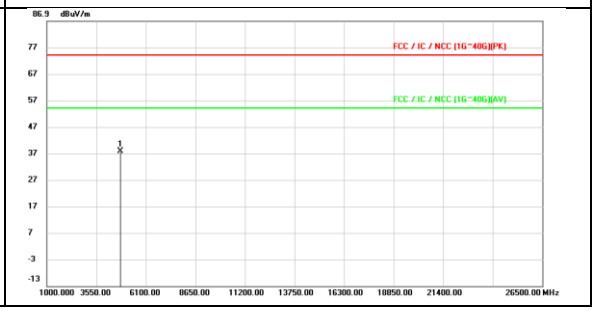
Model: MiiS Horus Scope DGC 100

Ch0	
Horizontal	Vertical
	

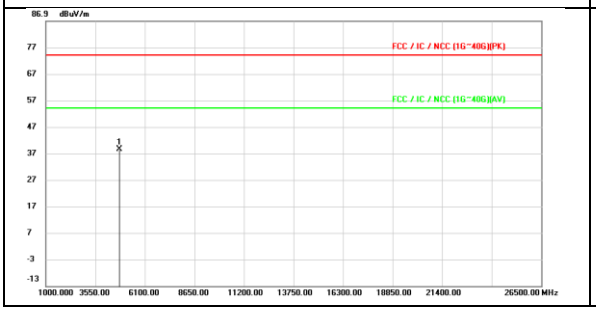
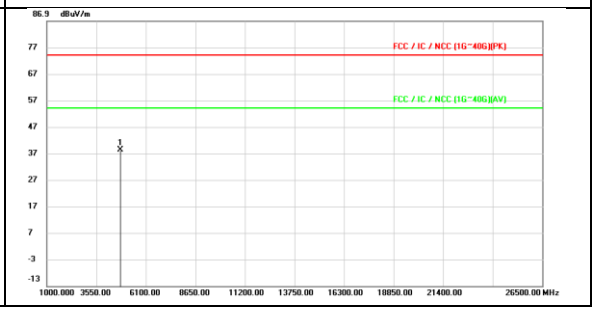
Model: MiiS Horus Scope DOC 100S

Ch0	
Horizontal	Vertical
	

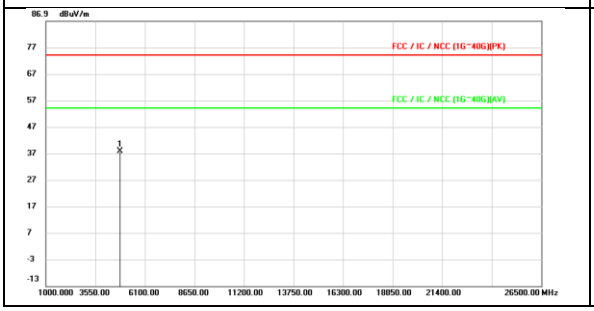
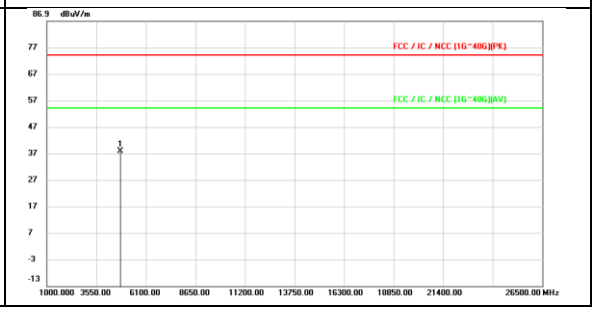
Model: MiiS Horus Scope DOC 300S

Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100

Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100 with CR-100

Ch0	
Horizontal	Vertical
	

Model: MiiS Horus Scope EEC 100 with Slit-Lamp Jig

Ch0	
Horizontal	Vertical