

TEST REPORT

Report No.: SHATBL2211023W08

Applicant : Shenzhen Xianku Intelligent Co.,Ltd.

Product Name : 3D Smart Body Measurement Mirror

Brand Name :  XIANKU

Model Name : XK-H003

FCC ID : 2A9EU-XKH003

Test Standard : FCC Part15.407

Date of Test : 2022.12.6-2023.1.1

Report Prepared by :

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Report Approved by :

Ghost Li.

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Authorized Signatory :

Terry Yang

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TEST RESULT CERTIFICATION

Applicant..... Shenzhen Xianku Intelligent Co.,Ltd.
2401, Block C, Mingzhi Shared Commercial Center North Station
Address Society,Minzhi Residential District, Longhua Shenzhen Guangdong
China
Manufacturer's Name..... Shenzhen Xianku Intelligent Co.,Ltd.
2401, Block C, Mingzhi Shared Commercial Center North Station
Address..... Society,Minzhi Residential District, Longhua Shenzhen Guangdong
China

Product Description

Product Name..... 3D Smart Body Measurement Mirror
Brand Name..... 
Model Name..... XK-H003
Series Model..... XK-H00**("*" =0-9 、 A-Z 、 a-z)
Test Standards..... FCC Part15.407
Test Procedure..... ANSI C63.10-2013

The device has been tested by ATBL, and the test results show that the equipment under test (EUT) is in compliance with the FCC Part15.407 requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test

Date of receipt of test item..... : 2022.11.22
Date (s) of performance of tests..... : 2022.12.6-2023.1.1
Date of Issue..... : 2023.1.6
Test Result..... : Pass

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
SHATBL2211023W08	Rev. 01	Initial issue of report	Jan. 06, 2023

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

§ 15.407,KDB789033 D02 General U-NII Test Procedures New Rules v02r01

FCC Part15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a) /15.407 (e)	26dB/6dB&99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power	PASS
15.407(b)/15.205/15.209	Radiated Emission And (Band edge Emissions) Measurement	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.203	Antenna Requirement	PASS

REMARKS:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2013.

2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF THE EUT

Product Name	3D Smart Body Measurement Mirror	
Trade Name		
Model Name	XK-H003	
Series Model	XK-H00**("*" =0-9 、A-Z 、a-z)	
Model Difference	The external color is different,and the internal structure is unchanged.	
Product Description	The EUT is a 3D Smart Body Measurement Mirror	
	Operation Frequency	802.11a/n/ax(20MHz): 5180~5240MHz 802.11n/ax(40MHz):5190~5230MHz 802.11ac/ax(80MHz):5210MHz
	Modulation Type	802.11a/n(OFDN): BPSK,QPSK,16QAM,64QAM 802.11ac(OFDN): BPSK,QPSK,16QAM,64QAM,256QAM 802.11ax(OFDN, OFDMA): BPSK,QPSK,16QAM,64QAM,256QAM, 1024QAM
	Channel List	Please refer to note 2.
	Antenna type	PCB Antenna
	Antenna Gain(Peak):	Ant. 0: 3.01dBi Ant. 1: 3.01dBi
	More details of EUT technical specification, please refer to the User's Manual.	
Channel List	Please refer to the REMARK 2.	
Power Input	AC 100-240V	
Adapter	N/A	
Battery	N/A	
Hardware version number	HDF621013_P03	
Software version number	V1.1.8_V2.3.0.0	
Connecting I/O Port(s)	Please refer to the REMARK 1.	

REMARKS:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.

2. Operation Frequency of channel			
5180MHz-5250MHz			
Channel	Freq./MHz	Channel	Freq./MHz
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

5GHz:

Channel List for 802.11a/n/ax (20MHz)							
CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)
36	5180	40	5200	44	5220	48	5240
Channel List for 802.11 n/ax (40MHz)							
CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)
38	5190	46	5230	--	--	--	--
Channel List for 802.11ac/ax(80MHz)							
CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)	CH.	Freq. (MHz)
42	5210	--	--	--	--	--	--

3.	Ant.	Brand	Model Name	Antenna Type	Gain (dBi)	DG (dBi)	Note
	0	N/A	N/A	PCB Antenna	3.01 dBi	3.01dBi	WLAN ANT
	1	N/A	N/A	PCB Antenna	3.01 dBi		WLAN ANT

2.2. DESCRIPTION OF TEST MODES

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

Test Mode	Band	Test Channel	Test Frequency (MHz)
802.11 a/n/ax(20MHz)	Band I	CH. 36	5180
		CH. 40	5200
		CH. 48	5240
802.11 n/ax (40MHz)	Band I	CH. 38	5190
		CH. 46	5230
802.11 ac/ax (80MHz)	Band I	CH. 42	5210

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
- (3) We have be tested for all available U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.

AC Conducted Emission

Test Case	
AC Conducted Emission	Keeping TX + WLAN Link

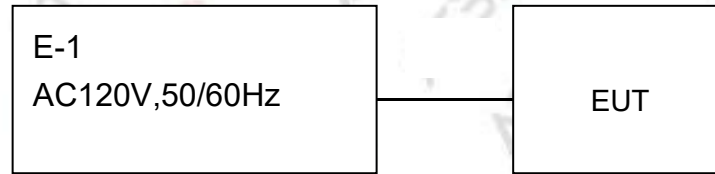
2.3. TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

RF Function	Ant No.	Mode Or Modulation type	Ant Gain(dBi)	DG(dBi)	Power Class	Software For Testing
WIFI(5G)	0	802.11a	3.01	3.01	16	QRCT
		802.11n20			16	
		802.11n40			16	
		802.11ac80			16	
		802.11ax20			16	
		802.11ax40			16	
		802.11ax80			16	
WIFI(5G)	1	802.11a	3.01		16	
		802.11n20			16	
		802.11n40			16	
		802.11ac80			16	
		802.11ax20			16	
		802.11ax40			16	
		802.11ax80			16	

2.4. BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Emission Test



2.5. DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

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

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Manufacturer	Model No.	Serial No.	Note
1	External Power Source	N/A	N/A	N/A	N/A
2	Display	Philips	2064VL	ATBL-A00018	N/A

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

2.6. LABORATORY INFORMATION

Company Name:	Shanghai ATBL Technology Co., Ltd.
Address:	Building 8, No. 160 Basheng Road, Waigaoqiao Free Trade Zone, Pudong New Area, Shanghai
Telephone:	+86(0)21-51298625
The FCC Registration Number (FRN):	0031025281
A2LA Number:	6184.01
CNAS Number:	CNAS L14531

2.7. MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.958\text{dB}$
2	Conducted spurious emissions	$\pm 2.988\text{dB}$
3	All emissions, radiated 30MHz-1GHz	$\pm 2.50\text{dB}$
4	All emissions, radiated 1GHz-18GHz	$\pm 3.51\text{dB}$
5	Occupied bandwidth	$\pm 23.20\text{Hz}$
6	Power spectral density	$\pm 0.886\text{dB}$

2.8. EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
Test Receiver	R&S	ESCI	100469	SHATBL-E003	2023.09.27
Spectrum Analyzer	Agilent	N9020A	MY50200811	SHATBL-E017	2023.09.27
Loop Antenna	Daze	ZN30900C	20077	SHATBL-E042	2023.09.27
Bilog Antenna	SCHWARZBECK	VLUB 9168	01174	SHATBL-E008	2023.09.27
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	SHATBL-E009	2023.09.27
Horn Antenna(18-40G)	COM-POWER	AH-1840	10100008	SHATBL-E043	2023.09.27
Pre-Amplifier (0.1M-3GHz)	JPT	JPA-10M1G35	21010100035001	SHATBL-E005	2023.09.27
Pre-Amplifier (1G-18GHz)	JPT	JPA0118-55-303A	1910001800055000	SHATBL-E006	2023.09.27
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E016	2023.09.27
Antenna/Turntable Controller	Brilliant	N/A	N/A	SHATBL-E007	N/A
Test SW	FALA	EMC-RI(Ver.4A2)		SHATBL-E046	N/A

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESPI	101679	SHATBL-E012	2023.09.27
LISN	R&S	ENV216	101300	SHATBL-E013	2023.09.27
LISN	R&S	ENV216	100333	SHATBL-E041	2023.09.27
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E015	2023.09.27
Test SW	FALA	EZ-EMC(Ver.EMC-CON3A1.1)		SHATBL-E044	N/A

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
MIMO Power measurement test Set	DARE	RPR3006W	16100054SN016	SHATBL-W006	2023.09.27
			RPR6W-20001005	SHATBL-W013	2023.09.27
Signal Analyzer	R&S	FSP40	100626	SHATBL-W041	2023.09.27
Signal Generator	Agilent	N5182B	MY46240556	SHATBL-W005	2023.09.27
Wireless Communication s Test Set	R&S	CMW500	101331	SHATBL-W007	2023.09.27
Temperature & Humidity	Deli	deli	N/A	SHATBL-W011	2023.09.27
Attenuator	Agilent	8494B	DC-18G	SHATBL-W009	2023.09.27
Attenuator	Agilent	8496B	DC-18G	SHATBL-W010	2023.09.27
power splitter	MNK	MPD-DC/6-2S	62315 G51	SHATBL-W015	2023.09.27
			62315 G52	SHATBL-W016	2023.09.27
Filter	Chengdu kangmaiwei	ZBSF-C2400-2483.5-T3	N/A	SHATBL-W021	N/A
		ZBSF-C5150-5350-T5	N/A	SHATBL-W022	N/A
		ZBSF-C5725-5850-T5	N/A	SHATBL-W024	N/A
Constant temperature and humidity box	KSON	THS-B6C-150	6159K	SHATBL-W019	2024.01.16
Test SW	FALA	LZ-RF(Ver.LzRF-03A3.1)		SHATBL-W020	N/A

3. EMC EMISSION TEST

3.1. CONDUCTED EMISSION MEASUREMENT

3.1.1. POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	Class B (dB μ V)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	56.00	46.00	CISPR
5.0 -30.0	60.00	50.00	CISPR

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3)

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

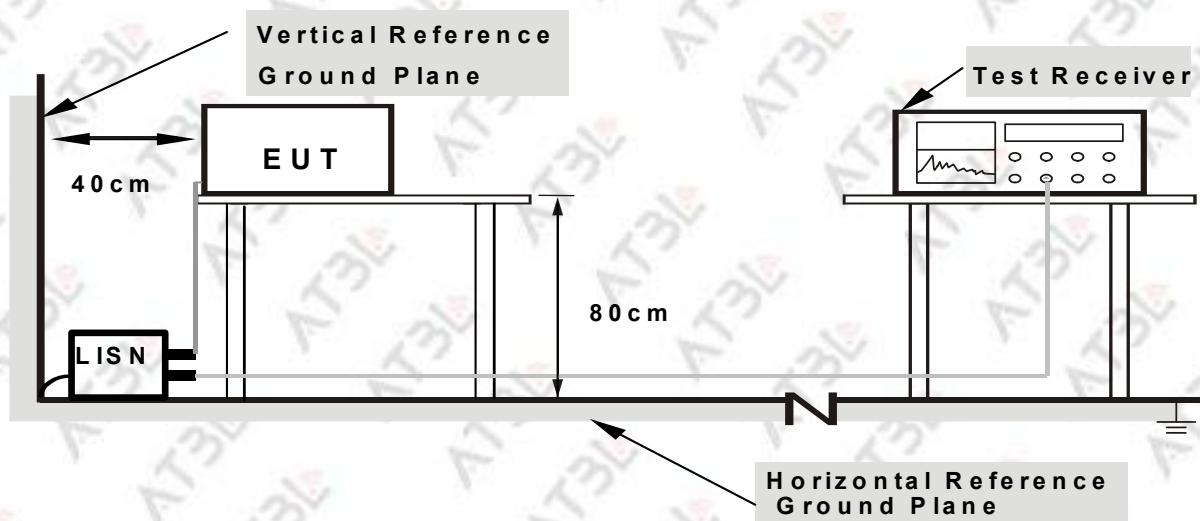
3.1.2. TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3. DEVIATION FROM TESTS TANDARD

No deviation

3.1.4. TEST SETUP



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

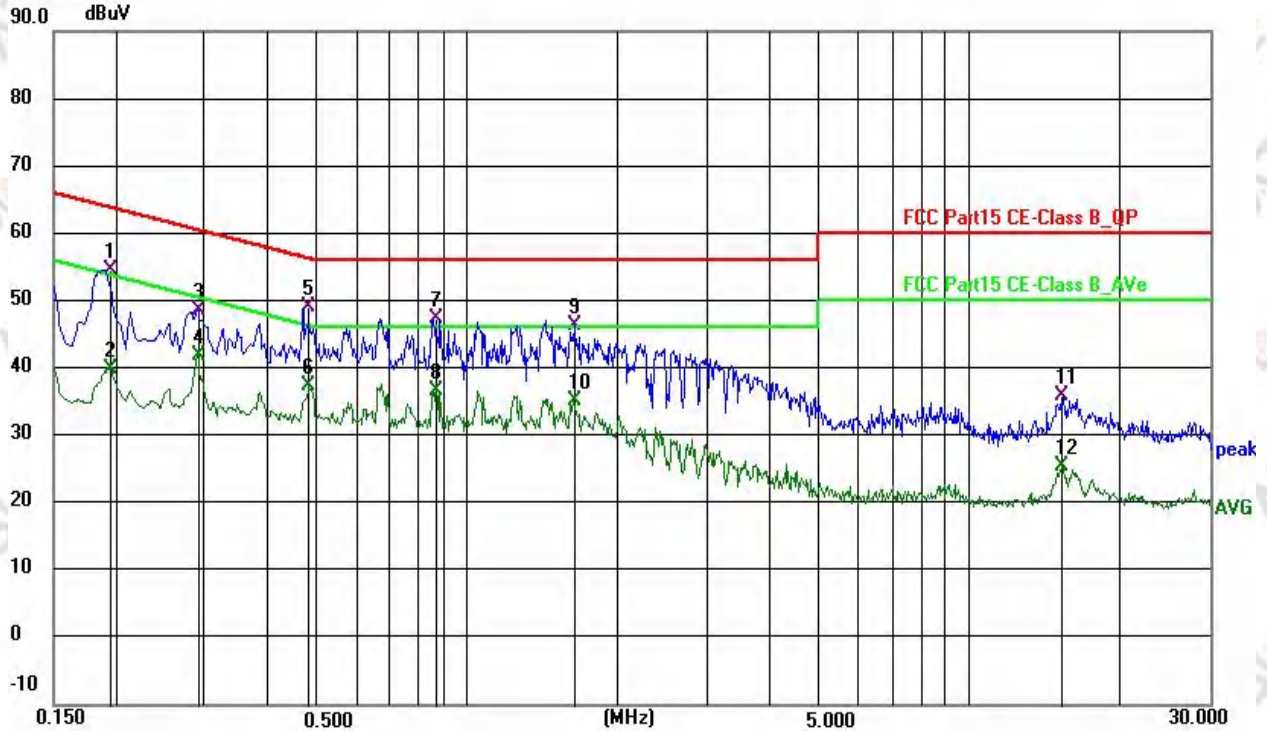
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5. EUT OPERATING CONDITIONS

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

3.1.6. TEST RESULTS

Temperature:	26 °C	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode :	TX Mode		

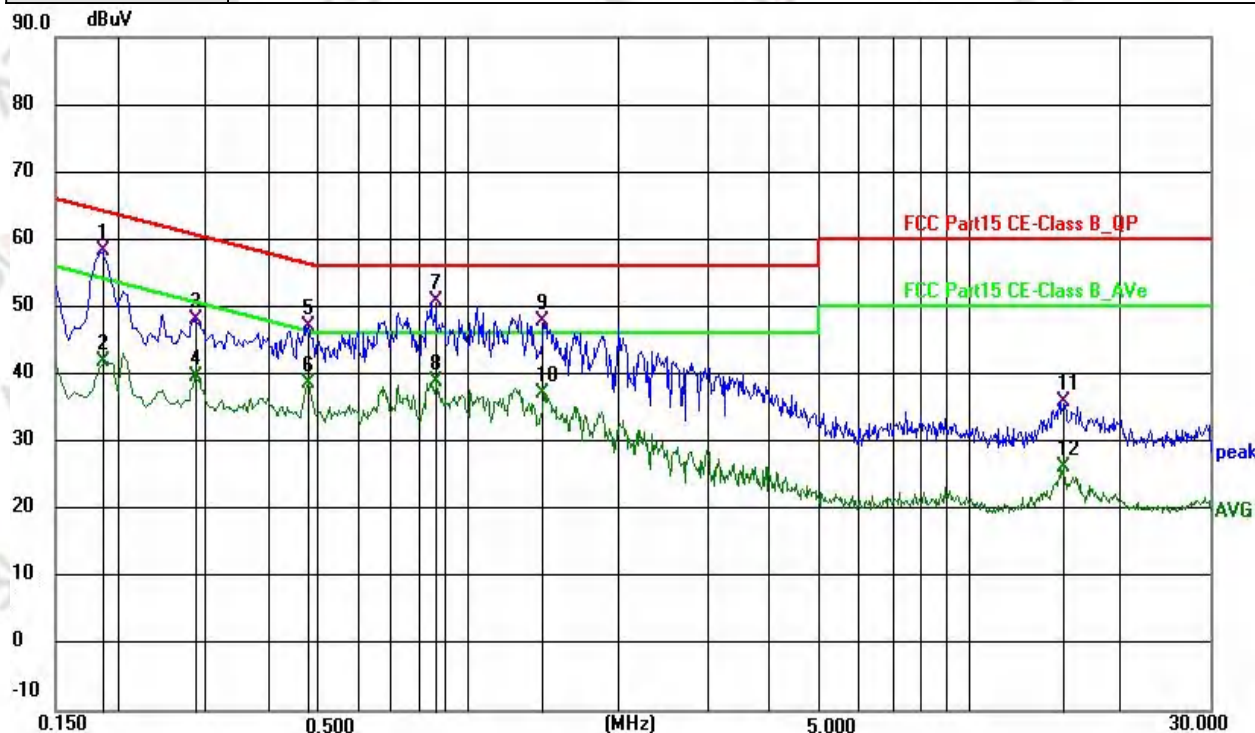


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1949	43.77	10.75	54.52	63.83	-9.31	QP
2	0.1949	29.11	10.75	39.86	53.83	-13.97	AVG
3	0.2894	38.00	10.70	48.70	60.54	-11.84	QP
4	0.2894	31.23	10.70	41.93	50.54	-8.61	AVG
5	0.4830	38.54	10.66	49.20	56.29	-7.09	QP
6	0.4830	26.65	10.66	37.31	46.29	-8.98	AVG
7	0.8700	36.74	10.71	47.45	56.00	-8.55	QP
8	0.8700	26.04	10.71	36.75	46.00	-9.25	AVG
9	1.6350	35.68	10.76	46.44	56.00	-9.56	QP
10	1.6350	24.42	10.76	35.18	46.00	-10.82	AVG
11	15.3060	24.98	10.84	35.82	60.00	-24.18	QP
12	15.3060	14.59	10.84	25.43	50.00	-24.57	AVG

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Temperature:	26 °C	Relative Humidity:	54%
Test Voltage	AC 120V/60Hz	Phase:	N
Test Mode	TX Mode		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1860	47.78	10.41	58.19	64.21	-6.02	QP
2	0.1860	31.40	10.41	41.81	54.21	-12.40	AVG
3	0.2850	37.72	10.34	48.06	60.67	-12.61	QP
4	0.2850	29.41	10.34	39.75	50.67	-10.92	AVG
5	0.4784	36.89	10.31	47.20	56.37	-9.17	QP
6	0.4784	28.23	10.31	38.54	46.37	-7.83	AVG
7	0.8655	40.36	10.36	50.72	56.00	-5.28	QP
8	0.8655	28.46	10.36	38.82	46.00	-7.18	AVG
9	1.4144	37.47	10.38	47.85	56.00	-8.15	QP
10	1.4144	26.66	10.38	37.04	46.00	-8.96	AVG
11	15.3194	25.28	10.66	35.94	60.00	-24.06	QP
12	15.3194	15.41	10.66	26.07	50.00	-23.93	AVG

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

3.2. RADIATED EMISSION MEASUREMENT

3.2.1. RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.407(b)7& 15.205/209(a), then the (a); limit in the table below has to be followed.

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

Limits Of Radiated Emission Measurement (Above 1000Mhz)

FREQUENCY (MHz)	Class B (dBμV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	68.2	54

Note:

- (1) The limit for radiated test was performed according to FCC PART 15E.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBμV/m)=20log Emission level (μV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic(Peak/AV)
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3 MHz

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2. TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarizations of the antenna are set to make the measurement
- d. 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.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

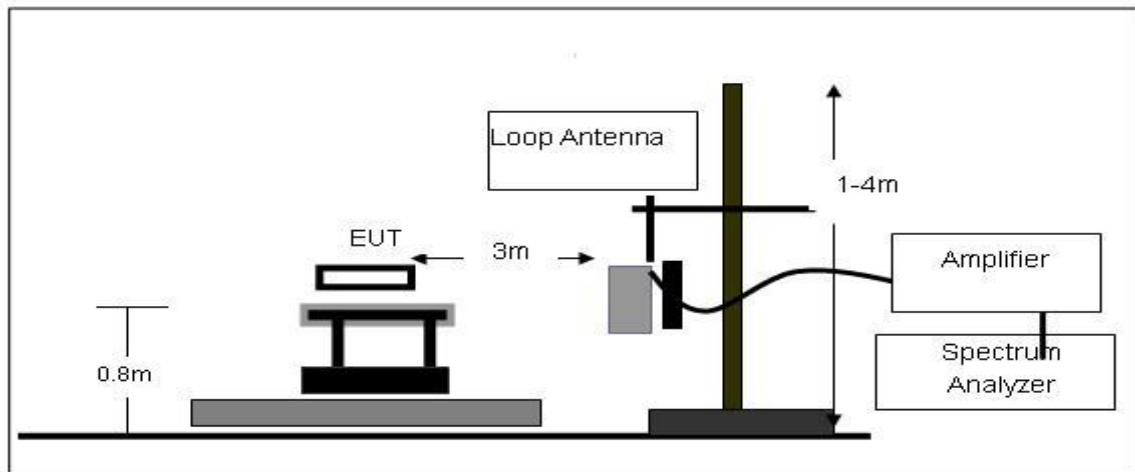
Both horizontal and vertical antenna polarities were tested and performed test to three orthogonal axis. The worst case emissions were reported

3.2.3. DEVIATION FROM TEST STANDARD

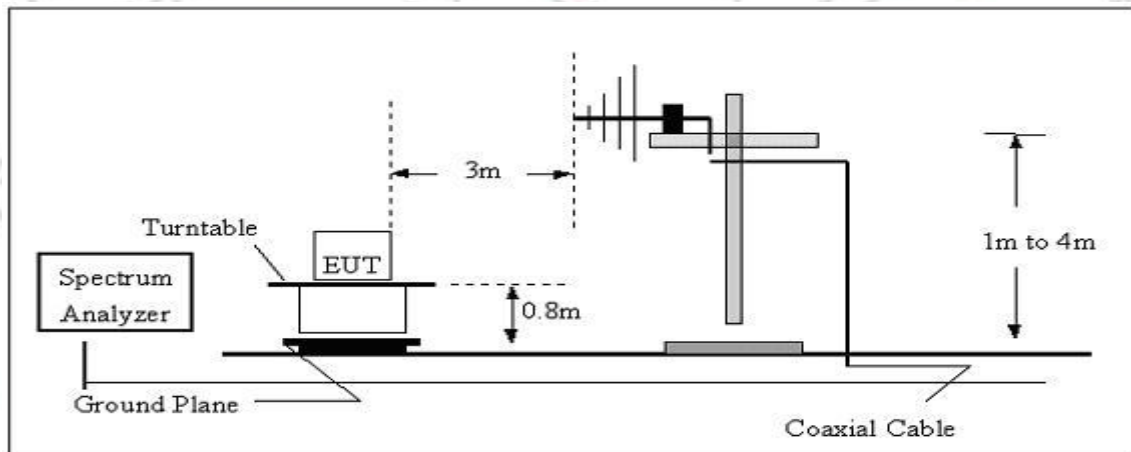
No deviation

3.2.4. TEST SETUP

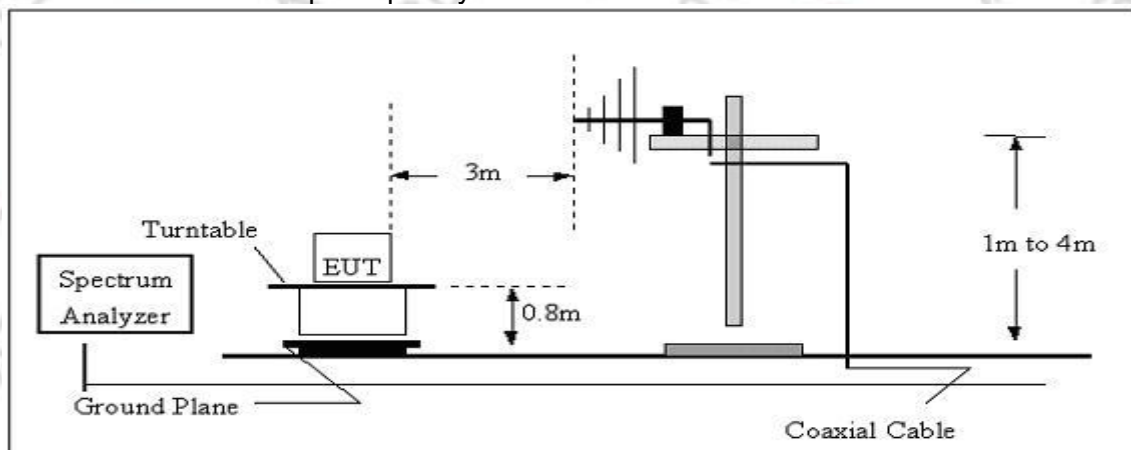
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5. EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6. FIELDS TRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency (MHz)	FS (dBμV/m)	RA (dBμV/m)	AF (dB)	CL (dB)	AG (dB)	Factor (dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = AF + CL - AG$$

3.2.7. TEST RESULTS**3.2.7.1. FOR RADIATED SPURIOUS EMISSIONS**

9kHz~30MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Polarization:	--
Test Mode:	TX Mode		

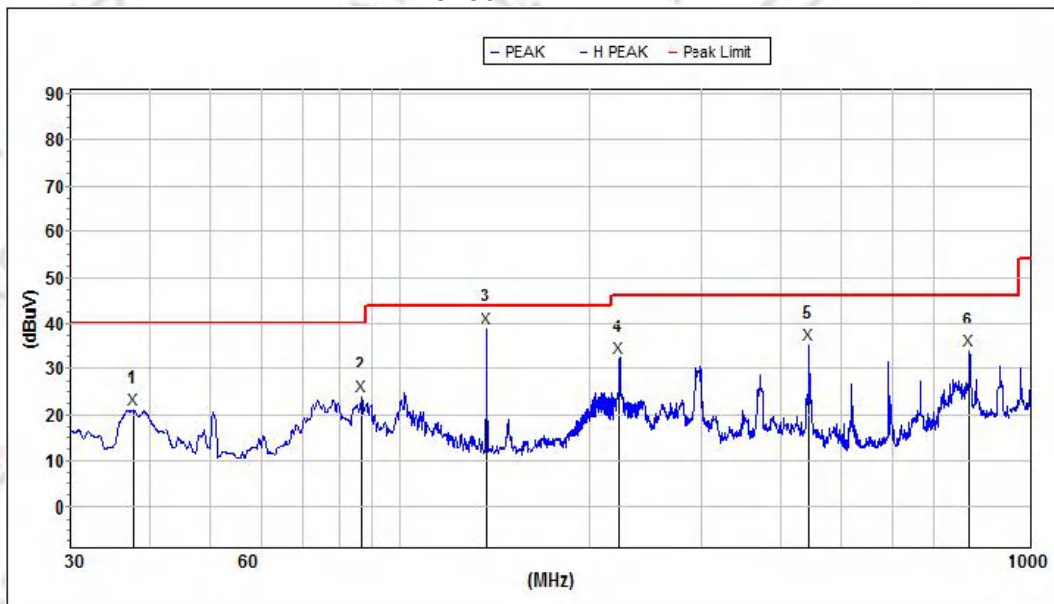
REMARK:

The measured value have enough margin over 20dB than the limit, therefore they are not reported.

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5180 Horizontal

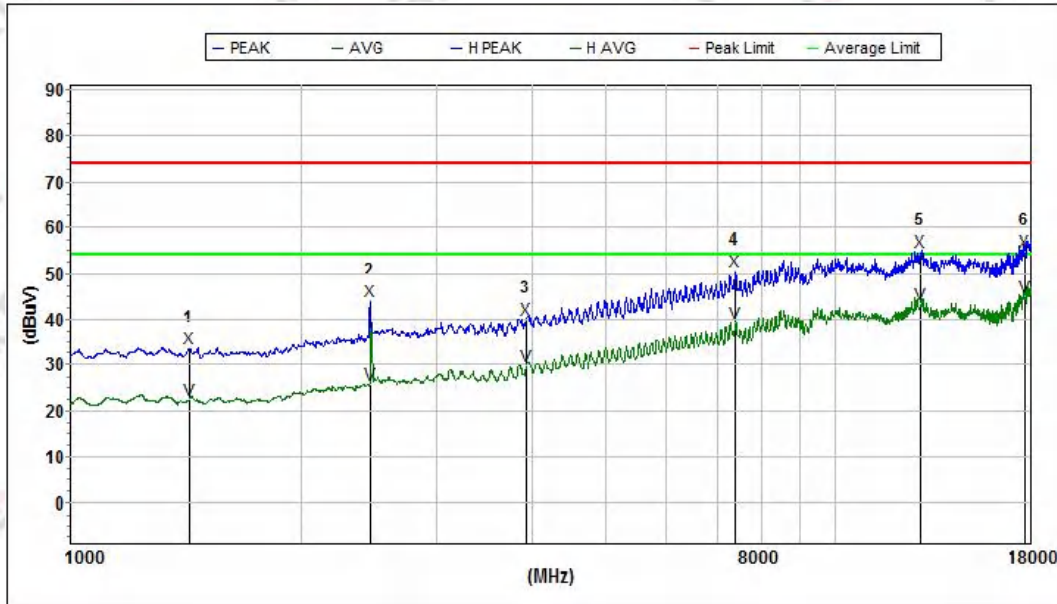


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	37.745902	21.2	40.0	18.8	13.8	32.3	0.8	H
2	86.654690	24.2	40.0	15.8	9.4	32.9	1.1	H
3	137.179492	38.9	43.5	4.6	13.3	32.9	1.4	H
4	222.169797	32.4	46.0	13.6	10.7	32.8	2.4	H
5	445.632082	35.4	46.0	10.6	14.3	32.4	2.7	H
6	797.580121	34.2	46.0	11.8	18.3	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5180 Horizontal

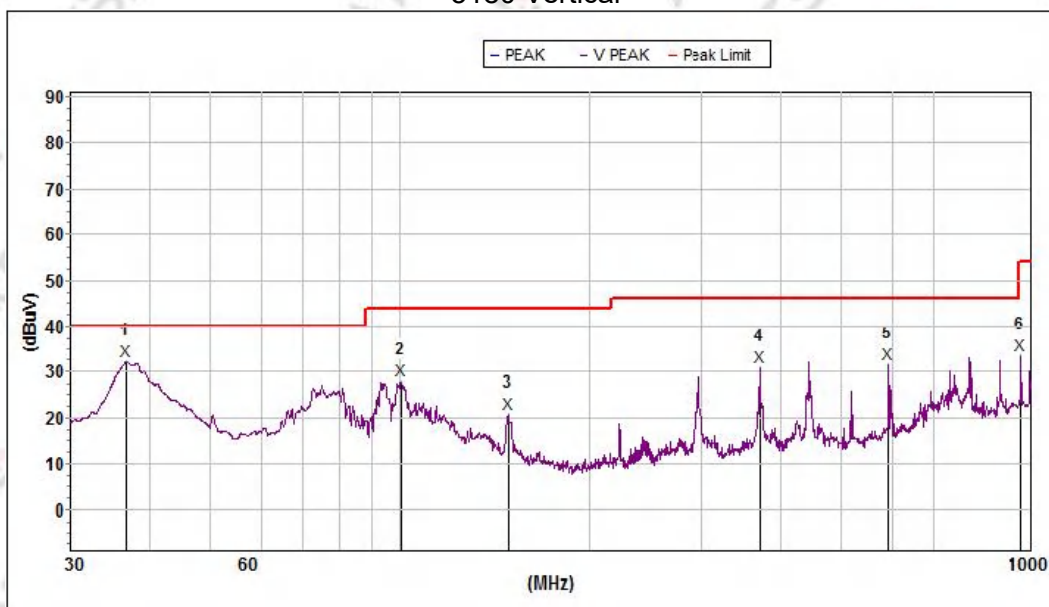


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1431.046648	33.7	74.0	40.3	25.5	61.4	2.4	H
2	2453.500000	44.0	74.0	30.0	27.5	59.1	2.8	H
3	3946.884703	40.1	74.0	33.9	30.8	58.5	3.2	H
4	7400.500000	50.7	74.0	23.3	36.5	57.5	4.6	H
5	12908.500000	54.9	74.0	19.1	39.7	57.8	6.1	H
6	17694.000000	54.9	74.0	19.1	40.5	57.9	6.9	H
Avg								
1	1431.046648	22.7	54.0	31.3	25.5	61.4	2.4	H
2	2453.500000	26.0	54.0	28.0	27.5	59.1	2.8	H
3	3946.884703	29.9	54.0	24.1	30.8	58.5	3.2	H
4	7400.500000	39.4	54.0	14.6	36.5	57.5	4.6	H
5	12908.500000	43.4	54.0	10.6	39.7	57.8	6.1	H
6	17694.000000	45.1	54.0	8.9	40.5	57.9	6.9	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5180 Vertical

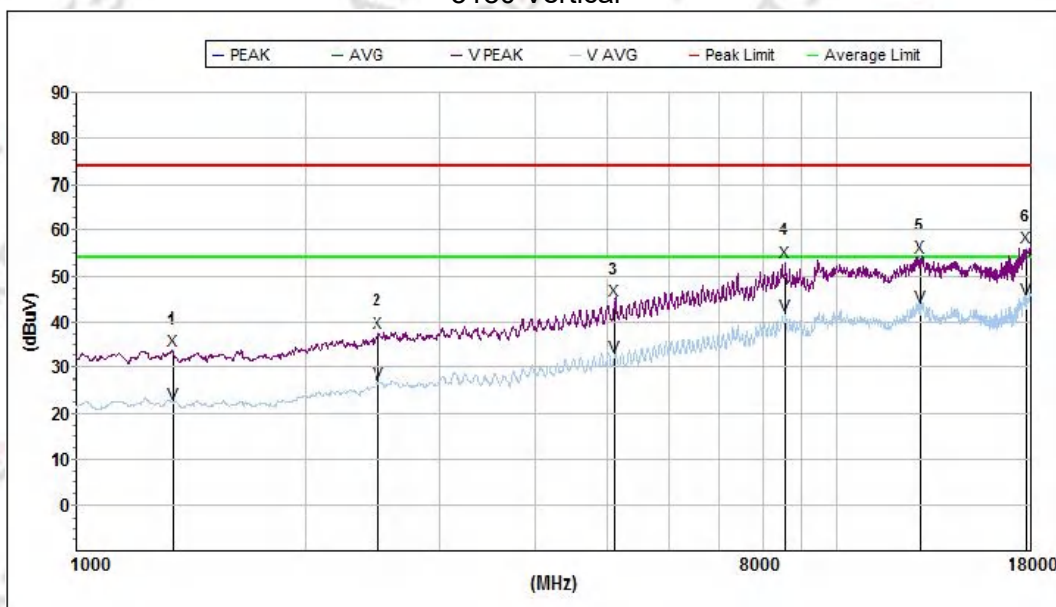


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.766156	32.3	40.0	7.7	13.6	32.3	0.8	V
2	100.228572	28.2	43.5	15.3	10.2	32.9	1.4	V
3	148.181001	20.8	43.5	22.7	14.0	32.9	1.3	V
4	371.352844	31.1	46.0	14.9	14.2	32.4	2.7	V
5	593.049668	31.7	46.0	14.3	18.2	32.4	3.3	V
6	963.850713	33.9	54.0	20.1	22.2	31.2	3.8	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5180 Vertical

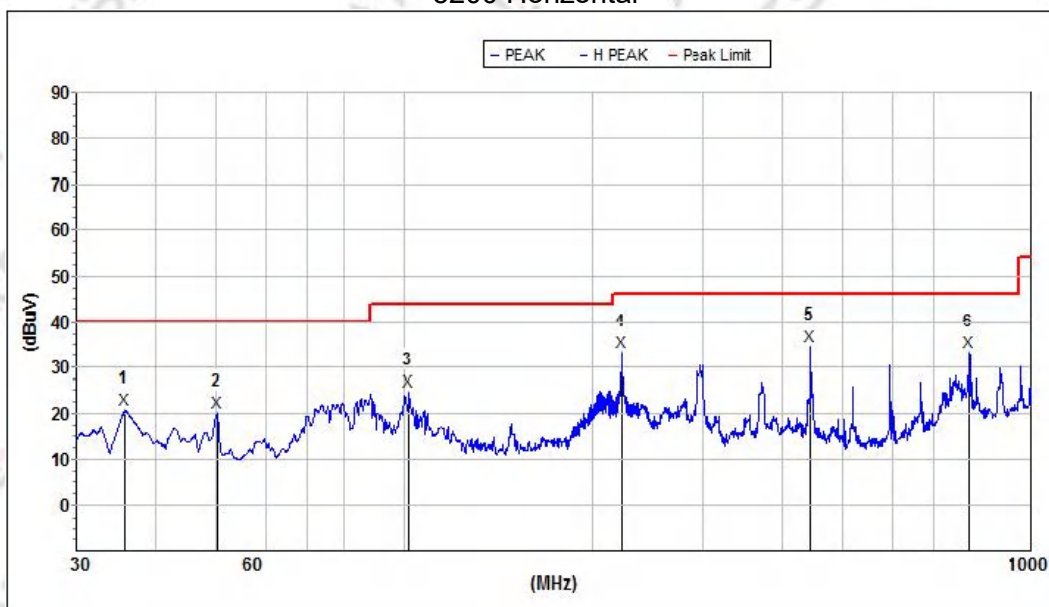


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1340.000000	33.7	74.0	40.3	25.7	61.2	2.3	V
2	2496.000000	37.7	74.0	36.3	27.7	58.8	2.8	V
3	5105.500000	44.6	74.0	29.4	33.1	57.5	3.7	V
4	8531.000000	53.3	74.0	20.7	37.7	56.1	5.1	V
5	12908.500000	54.2	74.0	19.8	39.7	57.8	6.1	V
6	17787.500000	56.1	74.0	17.9	41.0	57.8	7.0	V
Avg								
1	1340.000000	22.4	54.0	31.6	25.7	61.2	2.3	V
2	2496.000000	26.6	54.0	27.4	27.7	58.8	2.8	V
3	5105.500000	32.5	54.0	21.5	33.1	57.5	3.7	V
4	8531.000000	41.4	54.0	12.6	37.7	56.1	5.1	V
5	12908.500000	43.2	54.0	10.8	39.7	57.8	6.1	V
6	17787.500000	45.0	54.0	9.0	41.0	57.8	7.0	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5200 Horizontal

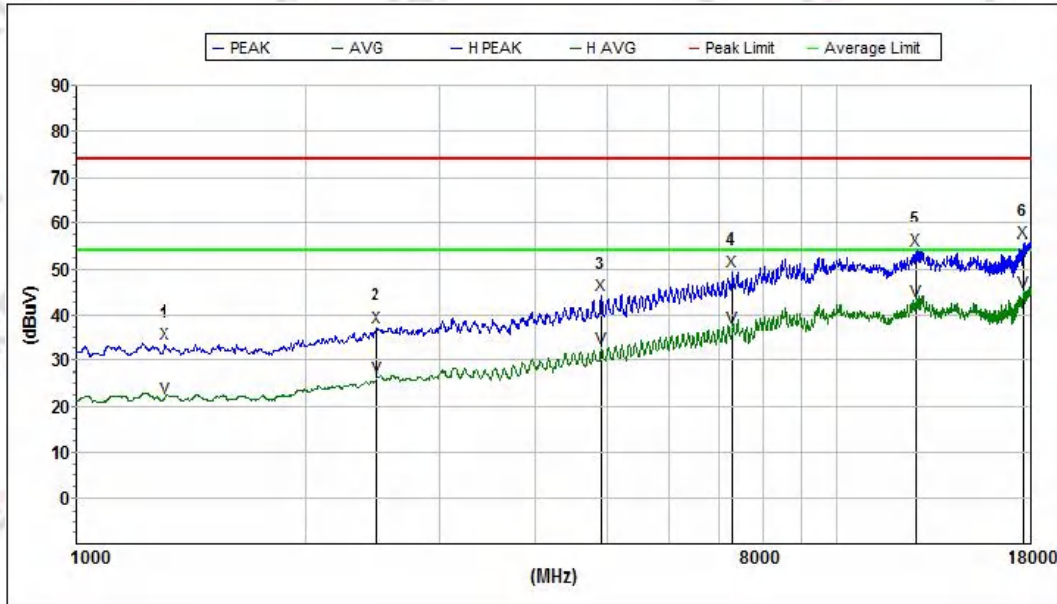


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	35.811840	20.8	40.0	19.2	13.5	32.3	0.8	H
2	50.320607	20.2	40.0	19.8	13.5	32.6	0.8	H
3	101.644307	24.8	43.5	18.7	10.3	32.9	1.4	H
4	222.169797	33.4	46.0	12.6	10.7	32.8	2.4	H
5	445.632082	34.9	46.0	11.1	14.3	32.4	2.7	H
6	796.182966	33.5	46.0	12.5	18.2	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5200 Horizontal

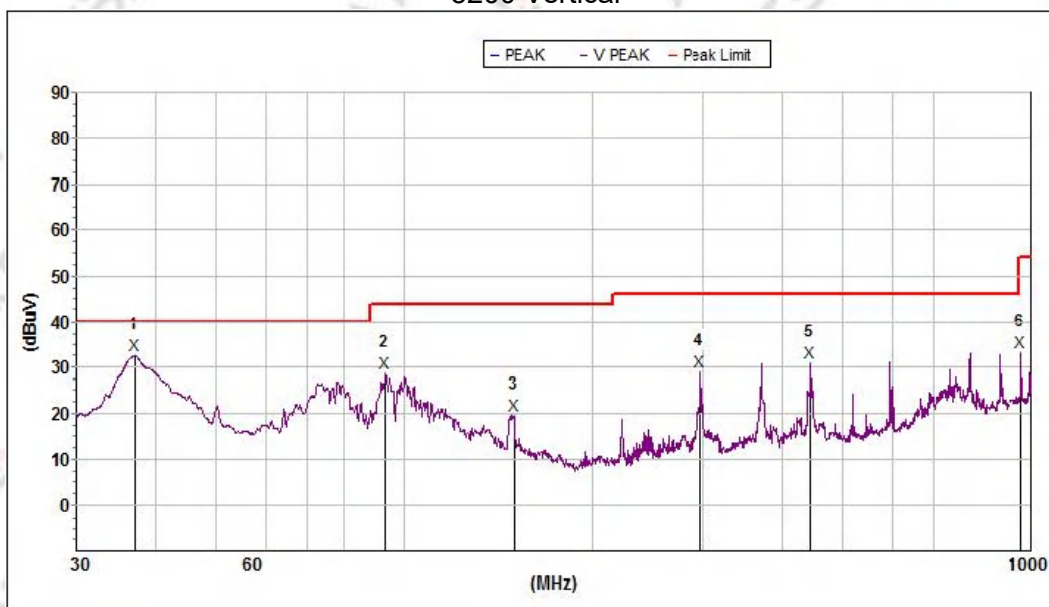


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1306.000000	33.9	74.0	40.1	25.8	61.1	2.3	H
2	2479.000000	37.4	74.0	36.6	27.6	58.9	2.8	H
3	4910.000000	44.2	74.0	29.8	32.7	57.4	3.6	H
4	7281.500000	49.5	74.0	24.5	36.8	57.6	4.5	H
5	12704.500000	54.1	74.0	19.9	39.4	58.0	6.1	H
6	17600.500000	55.8	74.0	18.2	39.9	58.0	6.9	H
Avg								
1	1306.000000	22.0	54.0	32.0	25.8	61.1	2.3	H
2	2479.000000	26.1	54.0	27.9	27.6	58.9	2.8	H
3	4910.000000	32.6	54.0	21.4	32.7	57.4	3.6	H
4	7281.500000	37.4	54.0	16.6	36.8	57.6	4.5	H
5	12704.500000	42.9	54.0	11.1	39.4	58.0	6.1	H
6	17600.500000	45.0	54.0	9.0	39.9	58.0	6.9	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5200 Vertical

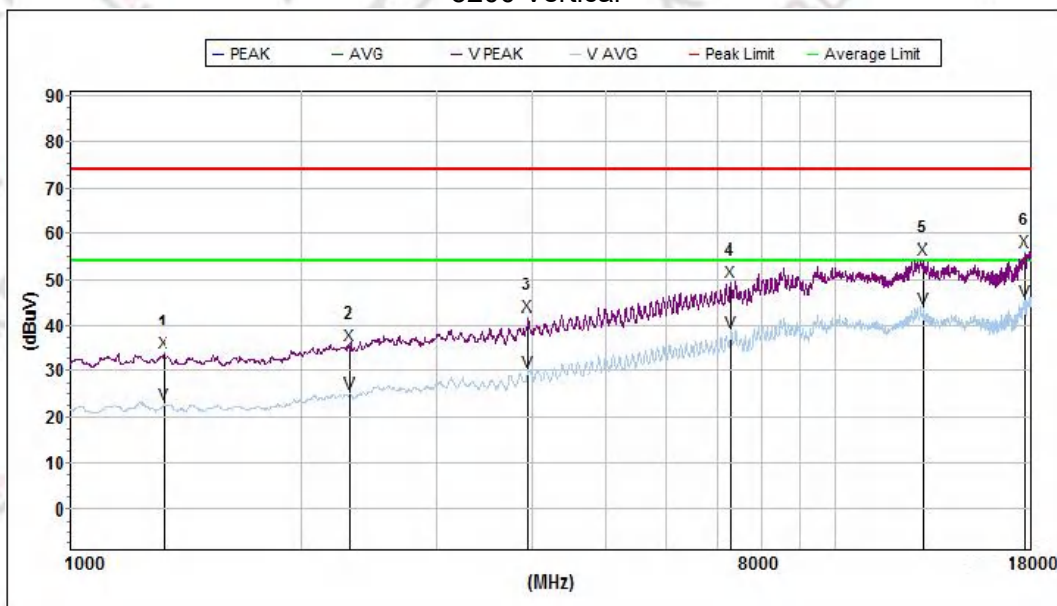


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	37.089879	32.6	40.0	7.4	13.7	32.3	0.8	V
2	93.440245	28.9	43.5	14.6	9.7	32.9	1.2	V
3	149.748044	19.5	43.5	24.0	14.1	32.9	1.3	V
4	297.224054	29.1	46.0	16.9	12.7	32.7	2.7	V
5	445.632082	31.2	46.0	14.8	15.9	32.4	2.7	V
6	963.850713	33.3	54.0	20.7	22.2	31.2	3.8	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5200 Vertical

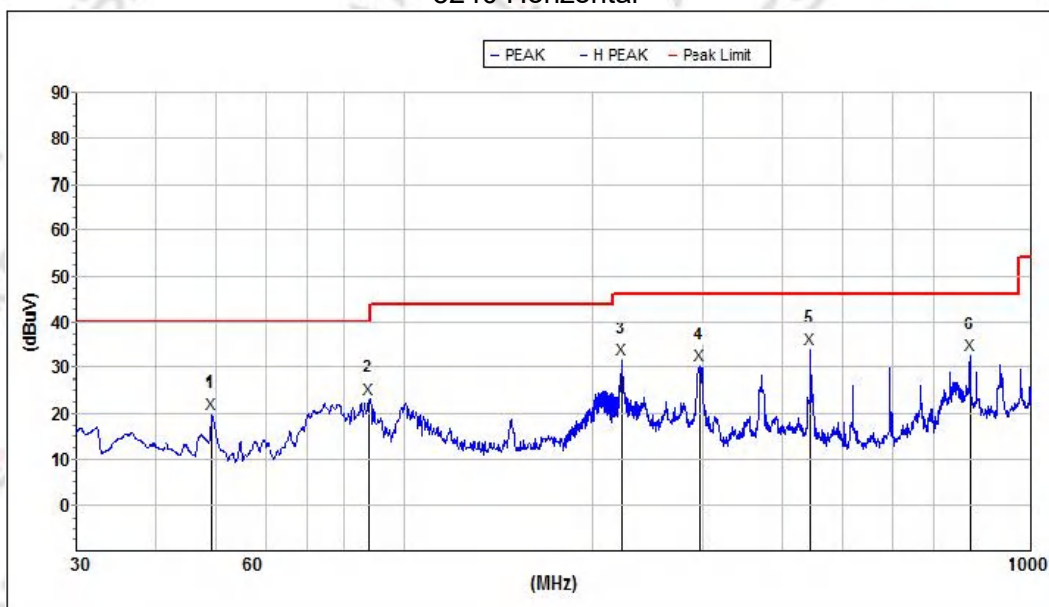


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1323.000000	34.0	74.0	40.0	25.8	61.1	2.3	V
2	2312.219324	35.6	74.0	38.4	27.2	59.9	2.8	V
3	3958.000000	41.9	74.0	32.1	30.8	58.5	3.2	V
4	7290.000000	49.5	74.0	24.5	36.8	57.6	4.5	V
5	13002.000000	54.5	74.0	19.5	39.8	57.7	6.2	V
6	17685.500000	56.0	74.0	18.0	40.4	57.9	6.9	V
Avg								
1	1323.000000	22.8	54.0	31.2	25.8	61.1	2.3	V
2	2312.219324	25.1	54.0	28.9	27.2	59.9	2.8	V
3	3958.000000	29.9	54.0	24.1	30.8	58.5	3.2	V
4	7290.000000	38.6	54.0	15.4	36.8	57.6	4.5	V
5	13002.000000	43.7	54.0	10.3	39.8	57.7	6.2	V
6	17685.500000	45.2	54.0	8.8	40.4	57.9	6.9	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5240 Horizontal

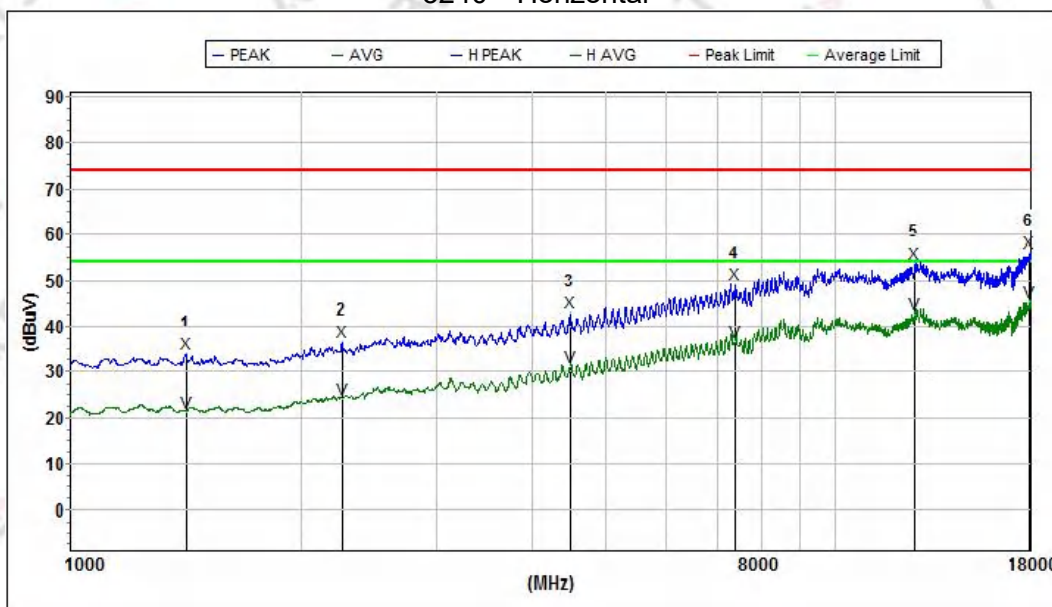


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	49.359419	19.8	40.0	20.2	13.6	32.6	0.8	H
2	87.571081	23.3	40.0	16.7	9.4	32.9	1.1	H
3	222.169797	31.8	46.0	14.2	10.7	32.8	2.4	H
4	297.224054	30.5	46.0	15.5	12.7	32.7	2.7	H
5	445.632082	34.2	46.0	11.8	14.3	32.4	2.7	H
6	797.580121	32.6	46.0	13.4	18.3	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

5240 Horizontal

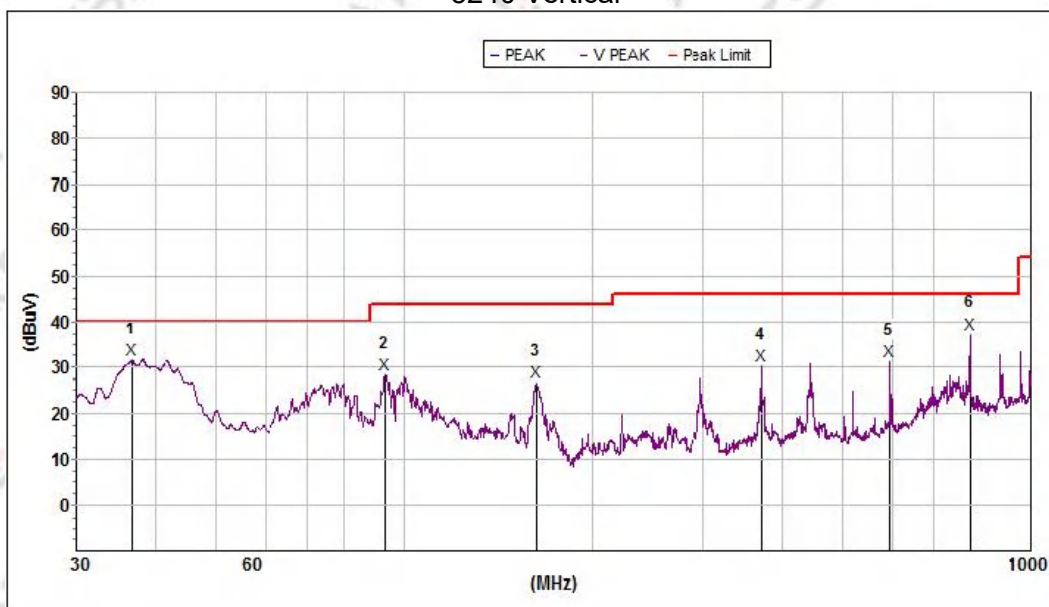


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1416.500000	34.2	74.0	39.8	25.5	61.4	2.4	H
2	2258.000000	36.6	74.0	37.4	27.2	60.2	2.8	H
3	4485.000000	43.0	74.0	31.0	31.6	58.0	3.5	H
4	7383.500000	49.3	74.0	24.7	36.6	57.5	4.6	H
5	12704.500000	53.9	74.0	20.1	39.4	58.0	6.1	H
6	17889.500000	56.2	74.0	17.8	41.7	57.7	7.0	H
Avg								
1	1416.500000	21.2	54.0	32.8	25.5	61.4	2.4	H
2	2258.000000	24.3	54.0	29.7	27.2	60.2	2.8	H
3	4485.000000	31.1	54.0	22.9	31.6	58.0	3.5	H
4	7383.500000	36.8	54.0	17.2	36.6	57.5	4.6	H
5	12704.500000	42.8	54.0	11.2	39.4	58.0	6.1	H
6	17889.500000	45.3	54.0	8.7	41.7	57.7	7.0	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5240 Vertical

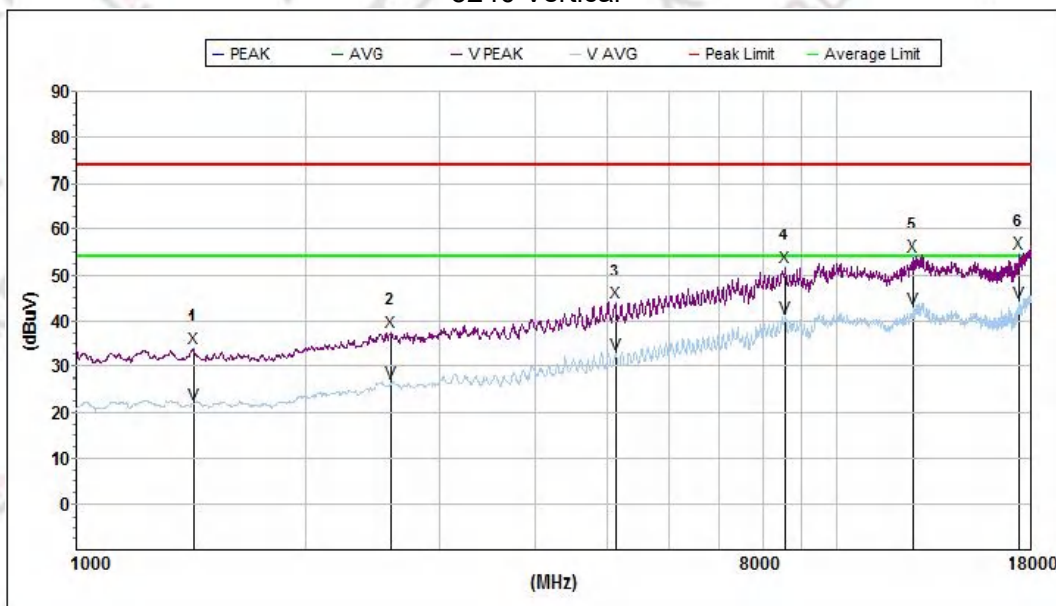


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.766156	31.7	40.0	8.3	13.6	32.3	0.8	V
2	93.440245	28.5	43.5	15.0	9.7	32.9	1.2	V
3	162.325732	26.8	43.5	16.7	13.9	32.9	1.6	V
4	371.352844	30.6	46.0	15.4	14.2	32.4	2.7	V
5	593.049668	31.6	46.0	14.4	18.2	32.4	3.3	V
6	798.979728	37.4	46.0	8.6	20.7	32.1	3.6	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

5240 Vertical

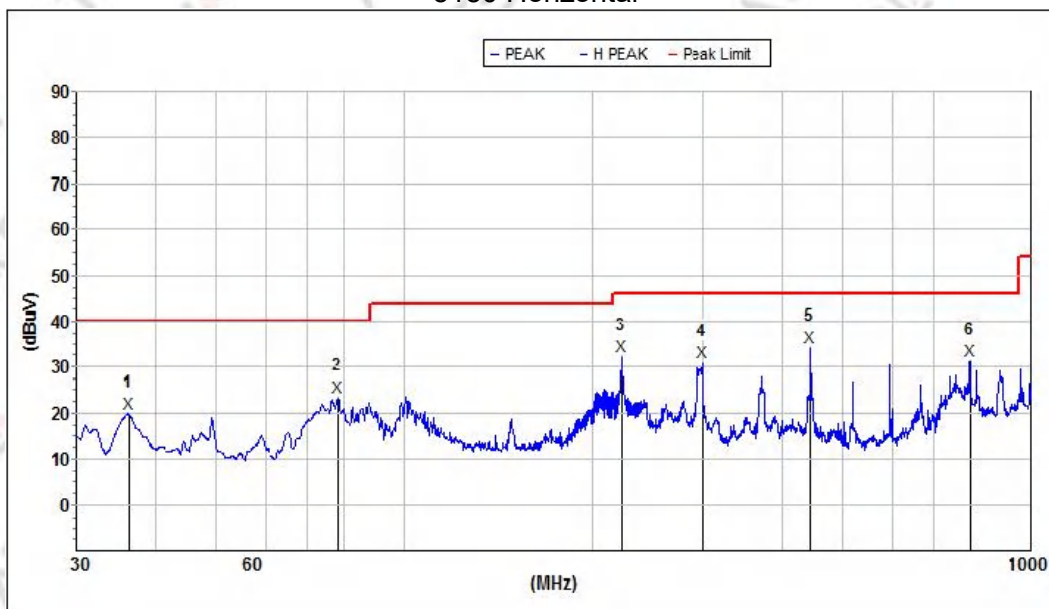


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1425.000000	34.0	74.0	40.0	25.5	61.4	2.4	V
2	2598.000000	37.6	74.0	36.4	28.0	59.0	2.9	V
3	5114.000000	44.0	74.0	30.0	33.1	57.5	3.7	V
4	8531.000000	51.9	74.0	22.1	37.7	56.1	5.1	V
5	12594.000000	54.3	74.0	19.7	39.3	58.1	6.0	V
6	17379.500000	54.8	74.0	19.2	39.0	58.8	6.9	V
Avg								
1	1425.000000	21.8	54.0	32.2	25.5	61.4	2.4	V
2	2598.000000	26.5	54.0	27.5	28.0	59.0	2.9	V
3	5114.000000	32.8	54.0	21.2	33.1	57.5	3.7	V
4	8531.000000	40.7	54.0	13.3	37.7	56.1	5.1	V
5	12594.000000	42.7	54.0	11.3	39.3	58.1	6.0	V
6	17379.500000	44.1	54.0	9.9	39.0	58.8	6.9	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5180 Horizontal

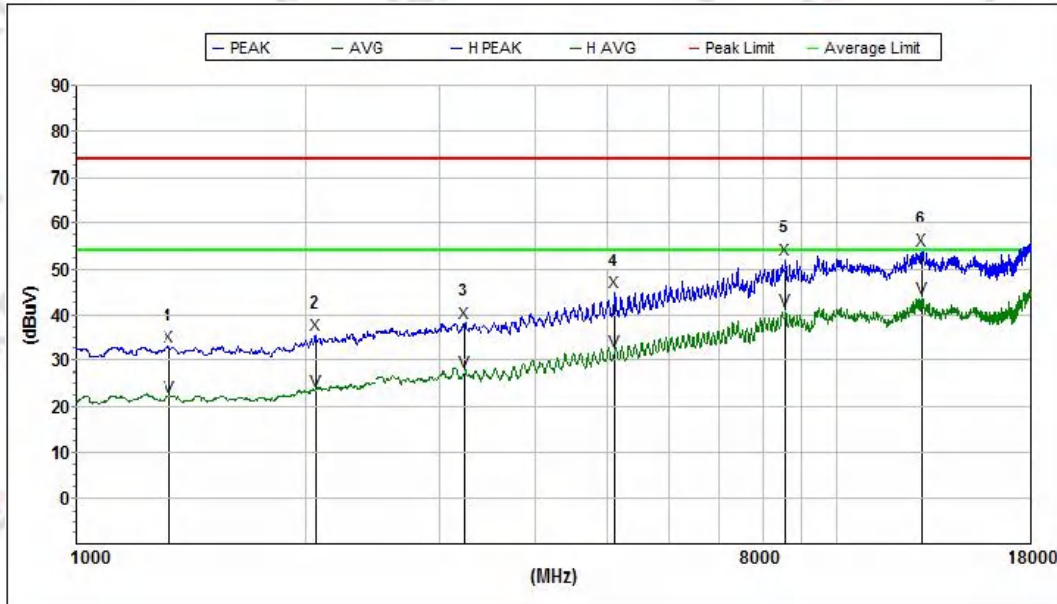


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.254065	20.0	40.0	20.0	13.6	32.3	0.8	H
2	78.413354	23.4	40.0	16.6	9.5	32.9	0.9	H
3	222.169797	32.5	46.0	13.5	10.7	32.8	2.4	H
4	299.315848	31.2	46.0	14.8	12.8	32.7	2.7	H
5	445.632082	34.3	46.0	11.7	14.3	32.4	2.7	H
6	798.979728	31.4	46.0	14.6	18.3	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5180 Horizontal

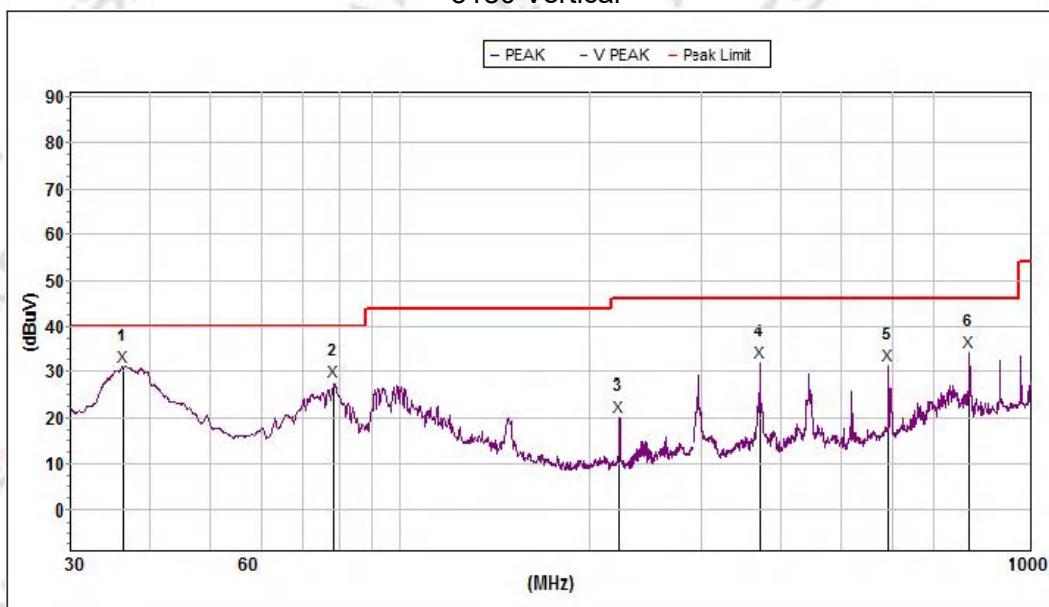


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1323.000000	33.1	74.0	40.9	25.8	61.1	2.3	H
2	2062.500000	35.6	74.0	38.4	26.9	60.9	2.7	H
3	3228.590770	38.3	74.0	35.7	29.7	58.4	3.0	H
4	5105.500000	44.8	74.0	29.2	33.1	57.5	3.7	H
5	8548.000000	52.2	74.0	21.8	37.8	56.4	5.1	H
6	12925.500000	54.3	74.0	19.7	39.7	57.8	6.1	H
Avg								
1	1323.000000	22.2	54.0	31.8	25.8	61.1	2.3	H
2	2062.500000	23.6	54.0	30.4	26.9	60.9	2.7	H
3	3228.590770	27.6	54.0	26.4	29.7	58.4	3.0	H
4	5105.500000	32.1	54.0	21.9	33.1	57.5	3.7	H
5	8548.000000	41.1	54.0	12.9	37.8	56.4	5.1	H
6	12925.500000	43.5	54.0	10.5	39.7	57.8	6.1	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5180 Vertical

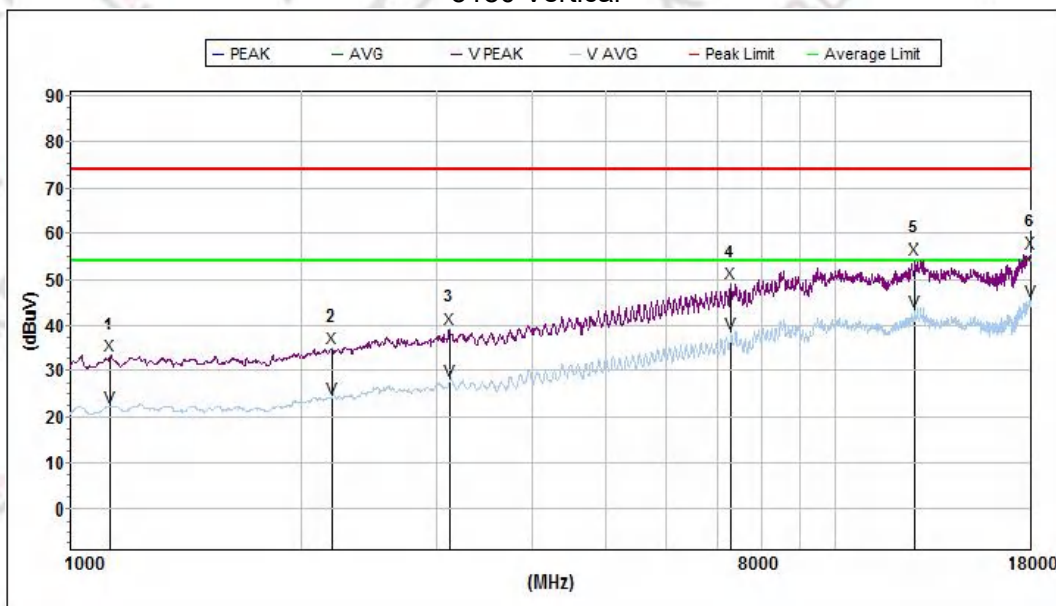


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.254065	31.2	40.0	8.8	13.6	32.3	0.8	V
2	78.413354	27.7	40.0	12.3	9.5	32.9	0.9	V
3	222.169797	20.3	46.0	25.7	10.7	32.8	2.4	V
4	371.352844	32.1	46.0	13.9	14.2	32.4	2.7	V
5	593.049668	31.3	46.0	14.7	18.2	32.4	3.3	V
6	797.580121	34.4	46.0	11.6	20.7	32.1	3.6	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5180 Vertical

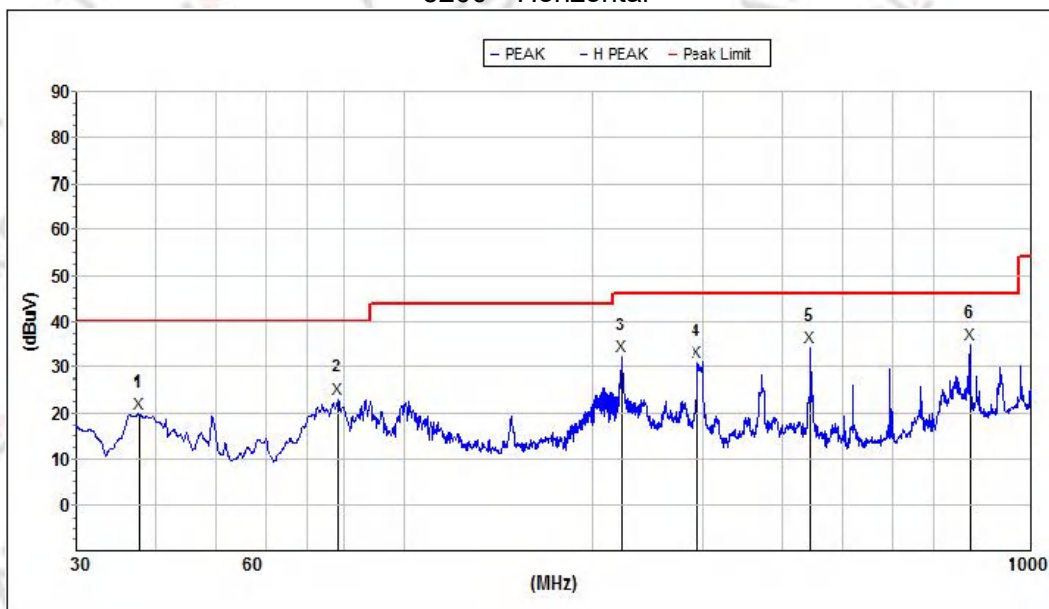


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1127.500000	33.5	74.0	40.5	25.5	60.7	2.2	V
2	2190.000000	35.1	74.0	38.9	27.2	60.6	2.7	V
3	3125.000000	39.5	74.0	34.5	29.7	58.6	3.0	V
4	7290.000000	49.2	74.0	24.8	36.8	57.6	4.5	V
5	12713.000000	54.4	74.0	19.6	39.4	58.0	6.1	V
6	17991.500000	55.8	74.0	18.2	42.3	57.6	7.0	V
Avg								
1	1127.500000	22.2	54.0	31.8	25.5	60.7	2.2	V
2	2190.000000	24.3	54.0	29.7	27.2	60.6	2.7	V
3	3125.000000	28.0	54.0	26.0	29.7	58.6	3.0	V
4	7290.000000	38.4	54.0	15.6	36.8	57.6	4.5	V
5	12713.000000	43.1	54.0	10.9	39.4	58.0	6.1	V
6	17991.500000	45.2	54.0	8.8	42.3	57.6	7.0	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5200 Horizontal

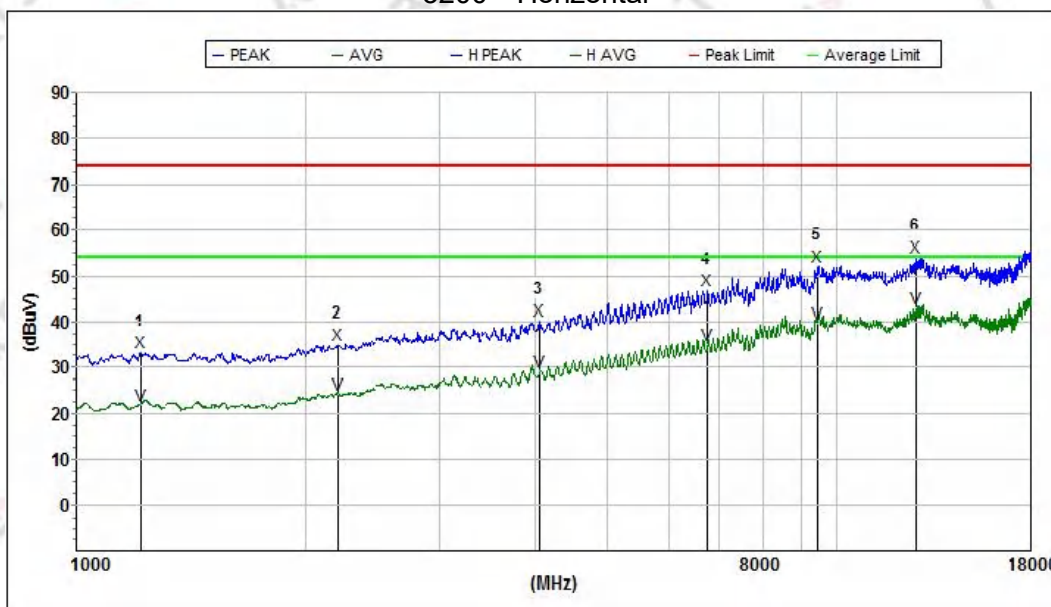


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	37.745902	20.0	40.0	20.0	13.8	32.3	0.8	H
2	78.413354	23.3	40.0	16.7	9.5	32.9	0.9	H
3	222.950216	32.3	46.0	13.7	10.8	32.8	2.4	H
4	294.113743	31.0	46.0	15.0	12.7	32.7	2.7	H
5	445.632082	34.5	46.0	11.5	14.3	32.4	2.7	H
6	798.979728	35.2	46.0	10.8	18.3	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5200 Horizontal

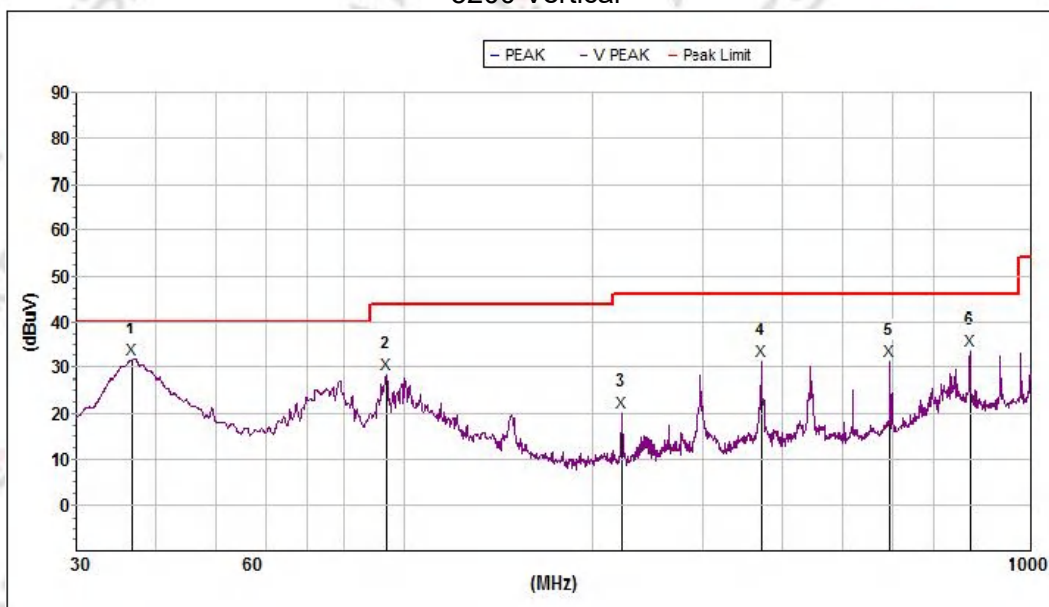


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1212.500000	33.4	74.0	40.6	25.7	60.9	2.3	H
2	2207.000000	35.1	74.0	38.9	27.2	60.5	2.7	H
3	4060.000000	40.2	74.0	33.8	30.8	58.3	3.3	H
4	6763.000000	47.0	74.0	27.0	35.8	58.4	4.3	H
5	9440.500000	52.2	74.0	21.8	38.6	59.5	5.4	H
6	12713.000000	54.0	74.0	20.0	39.4	58.0	6.1	H
Avg								
1	1212.500000	21.9	54.0	32.1	25.7	60.9	2.3	H
2	2207.000000	24.3	54.0	29.7	27.2	60.5	2.7	H
3	4060.000000	29.2	54.0	24.8	30.8	58.3	3.3	H
4	6763.000000	35.1	54.0	18.9	35.8	58.4	4.3	H
5	9440.500000	39.8	54.0	14.2	38.6	59.5	5.4	H
6	12713.000000	43.0	54.0	11.0	39.4	58.0	6.1	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5200 Vertical

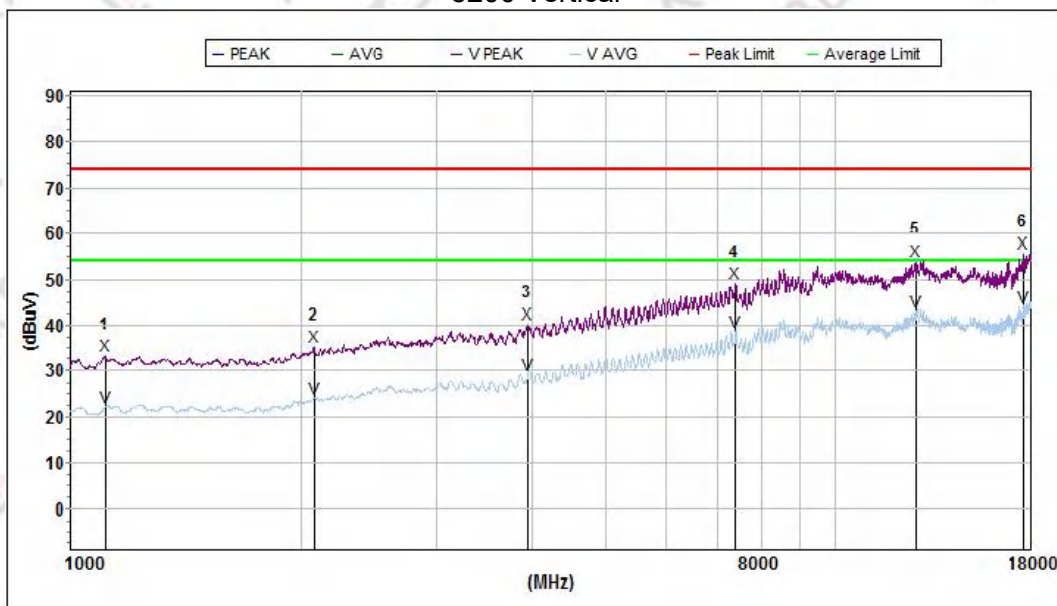


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.766156	31.9	40.0	8.1	13.6	32.3	0.8	V
2	93.933020	28.4	43.5	15.1	9.7	32.9	1.2	V
3	222.169797	20.1	46.0	25.9	10.7	32.8	2.4	V
4	371.352844	31.5	46.0	14.5	14.2	32.4	2.7	V
5	593.049668	31.4	46.0	14.6	18.2	32.4	3.3	V
6	798.979728	33.6	46.0	12.4	20.7	32.1	3.6	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5200 Vertical

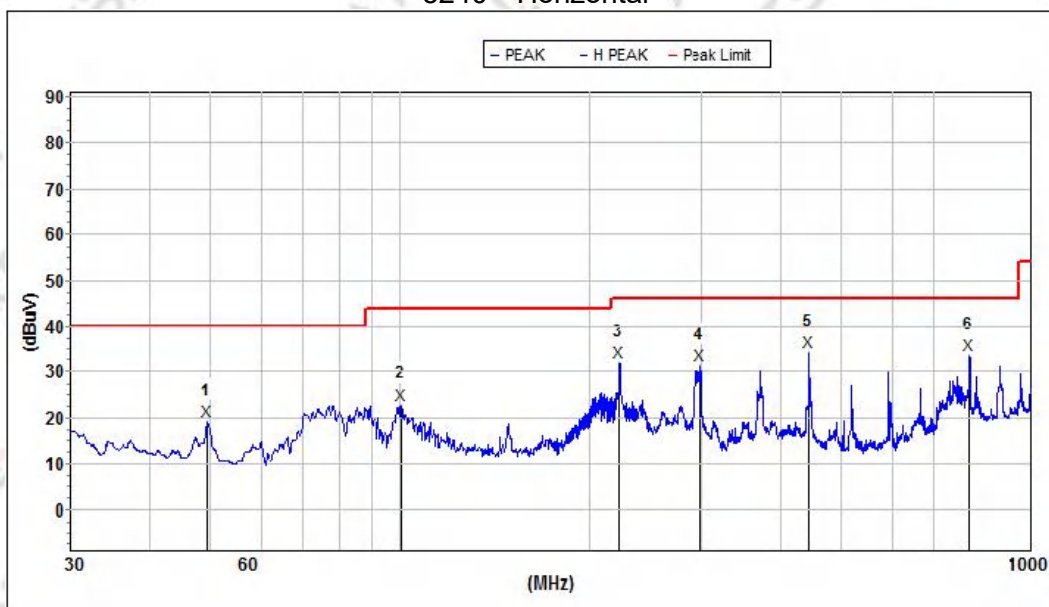


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1110.500000	33.3	74.0	40.7	25.5	60.7	2.2	V
2	2079.500000	35.5	74.0	38.5	27.0	60.9	2.7	V
3	3958.000000	40.5	74.0	33.5	30.8	58.5	3.2	V
4	7400.500000	49.3	74.0	24.7	36.5	57.5	4.6	V
5	12721.500000	54.1	74.0	19.9	39.4	58.0	6.1	V
6	17583.500000	55.9	74.0	18.1	39.8	58.1	6.9	V
Avg								
1	1110.500000	22.2	54.0	31.8	25.5	60.7	2.2	V
2	2079.500000	24.3	54.0	29.7	27.0	60.9	2.7	V
3	3958.000000	29.1	54.0	24.9	30.8	58.5	3.2	V
4	7400.500000	38.6	54.0	15.4	36.5	57.5	4.6	V
5	12721.500000	43.1	54.0	10.9	39.4	58.0	6.1	V
6	17583.500000	44.1	54.0	9.9	39.8	58.1	6.9	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5240 Horizontal

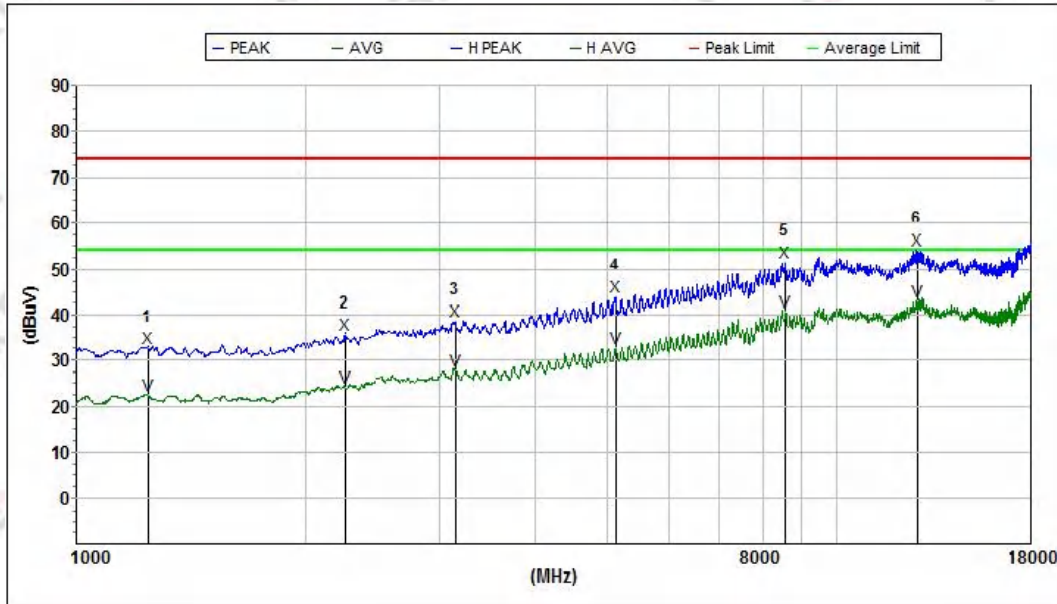


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	49.359419	19.3	40.0	20.7	13.6	32.6	0.8	H
2	100.228572	23.0	43.5	20.5	10.2	32.9	1.4	H
3	222.169797	32.1	46.0	13.9	10.7	32.8	2.4	H
4	299.315848	31.3	46.0	14.7	12.8	32.7	2.7	H
5	445.632082	34.4	46.0	11.6	14.3	32.4	2.7	H
6	797.580121	33.7	46.0	12.3	18.3	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

5240 Horizontal

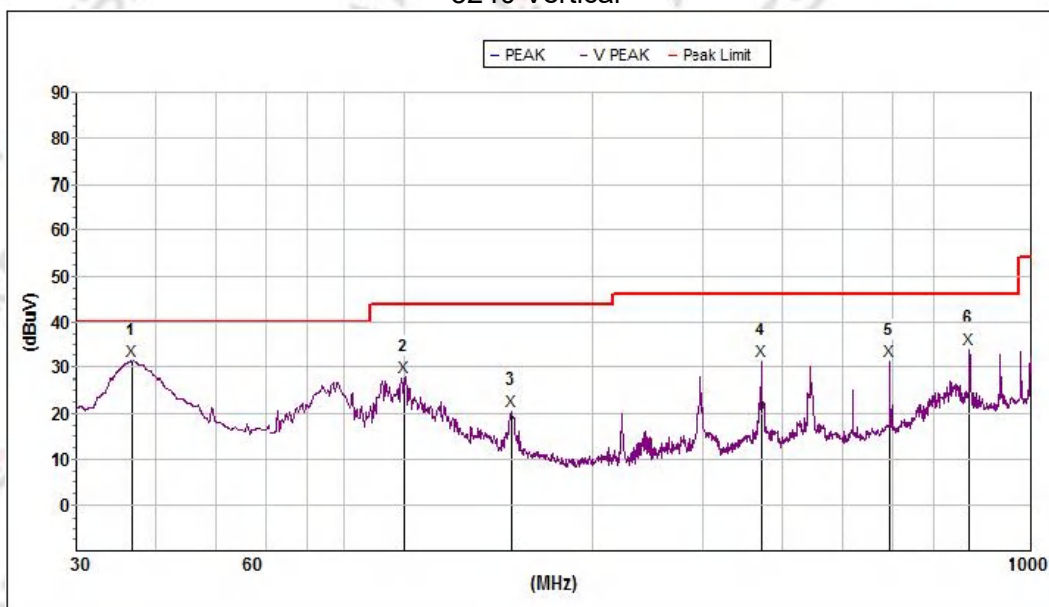


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1238.483330	32.8	74.0	41.2	25.8	60.9	2.3	H
2	2249.592926	35.7	74.0	38.3	27.2	60.2	2.8	H
3	3142.000000	38.7	74.0	35.3	29.7	58.6	3.0	H
4	5114.000000	43.8	74.0	30.2	33.1	57.5	3.7	H
5	8531.000000	51.6	74.0	22.4	37.7	56.1	5.1	H
6	12798.000000	54.1	74.0	19.9	39.5	57.9	6.1	H
Avg								
1	1238.483330	22.5	54.0	31.5	25.8	60.9	2.3	H
2	2249.592926	24.2	54.0	29.8	27.2	60.2	2.8	H
3	3142.000000	27.8	54.0	26.2	29.7	58.6	3.0	H
4	5114.000000	32.6	54.0	21.4	33.1	57.5	3.7	H
5	8531.000000	40.7	54.0	13.3	37.7	56.1	5.1	H
6	12798.000000	42.9	54.0	11.1	39.5	57.9	6.1	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5240 Vertical

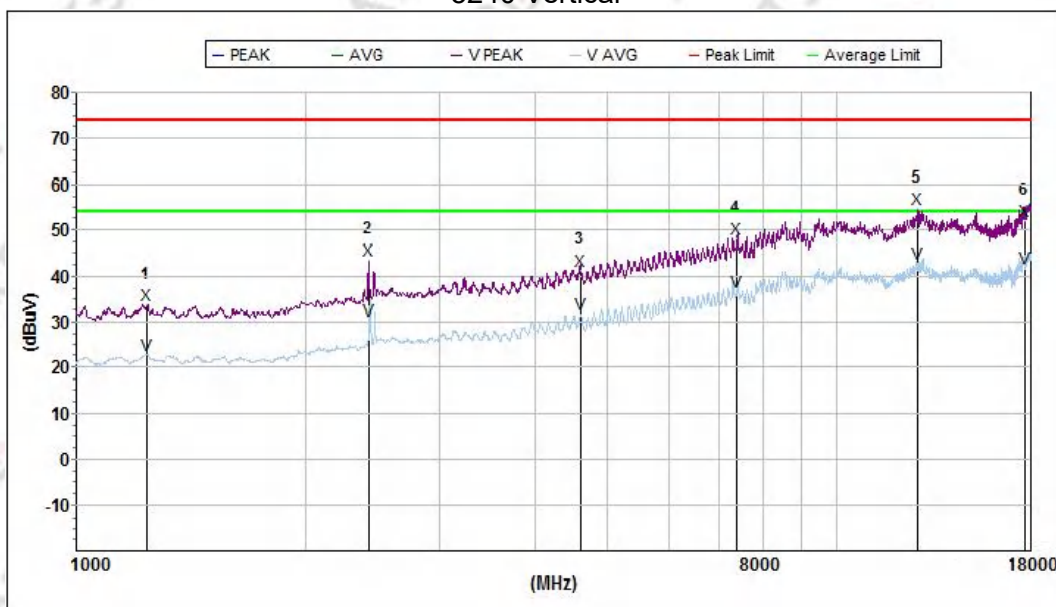


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.637459	31.4	40.0	8.6	13.6	32.3	0.8	V
2	100.228572	27.9	43.5	15.6	10.2	32.9	1.4	V
3	148.181001	20.5	43.5	23.0	14.0	32.9	1.3	V
4	371.352844	31.5	46.0	14.5	14.2	32.4	2.7	V
5	593.049668	31.5	46.0	14.5	18.2	32.4	3.3	V
6	796.182966	34.1	46.0	11.9	20.7	32.1	3.6	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

5240 Vertical

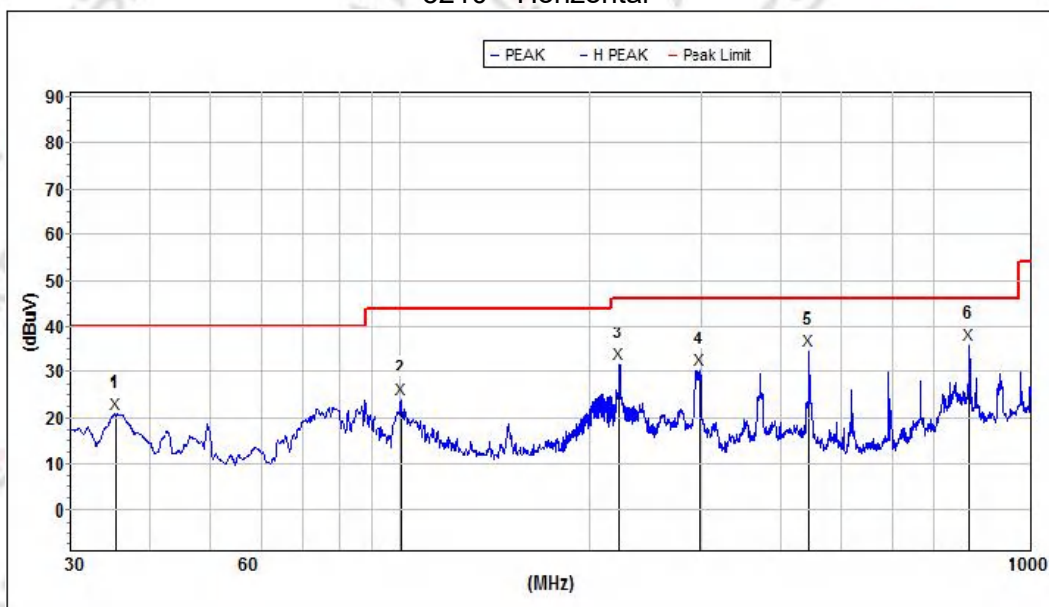


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1234.908821	33.5	74.0	40.5	25.8	60.9	2.3	V
2	2419.500000	43.4	74.0	30.6	27.4	59.4	2.8	V
3	4595.500000	41.2	74.0	32.8	31.6	57.9	3.6	V
4	7383.500000	48.1	74.0	25.9	36.6	57.5	4.6	V
5	12798.000000	54.6	74.0	19.4	39.5	57.9	6.1	V
6	17660.000000	52.1	74.0	21.9	40.2	58.0	6.9	V
Avg								
1	1234.908821	22.8	54.0	31.2	25.8	60.9	2.3	V
2	2419.500000	30.3	54.0	23.7	27.4	59.4	2.8	V
3	4595.500000	31.5	54.0	22.5	31.6	57.9	3.6	V
4	7383.500000	36.7	54.0	17.3	36.6	57.5	4.6	V
5	12798.000000	42.7	54.0	11.3	39.5	57.9	6.1	V
6	17660.000000	41.9	54.0	12.1	40.2	58.0	6.9	V

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax80		

5210 Horizontal

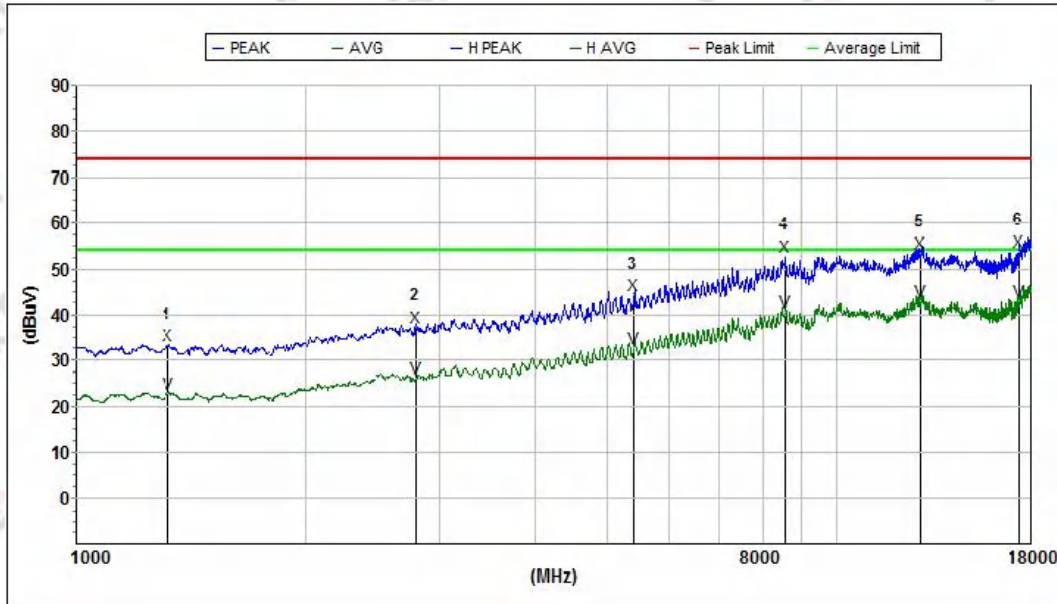


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	35.313041	21.0	40.0	19.0	13.4	32.3	0.8	H
2	100.228572	24.2	43.5	19.3	10.2	32.9	1.4	H
3	222.169797	31.9	46.0	14.1	10.7	32.8	2.4	H
4	299.315848	30.6	46.0	15.4	12.8	32.7	2.7	H
5	445.632082	34.6	46.0	11.4	14.3	32.4	2.7	H
6	796.182966	36.2	46.0	9.8	18.2	32.1	3.6	H

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax80		

5210 Horizontal

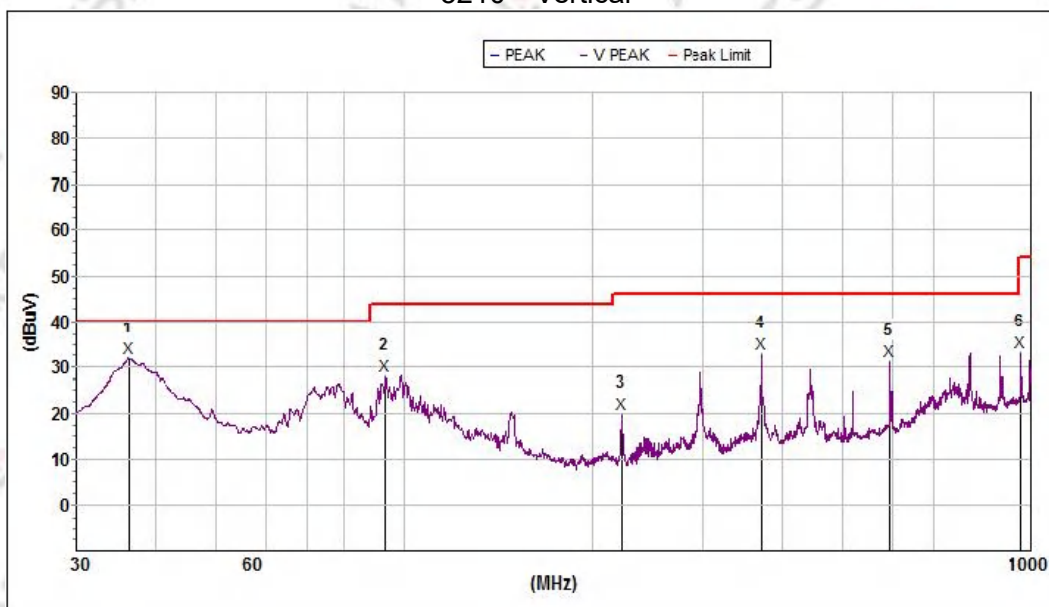


Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1319.794033	33.4	74.0	40.6	25.8	61.1	2.3	H
2	2794.147804	37.4	74.0	36.6	28.5	59.5	2.9	H
3	5411.500000	44.4	74.0	29.6	32.7	58.0	3.9	H
4	8522.500000	52.7	74.0	21.3	37.7	55.9	5.1	H
5	12908.500000	53.4	74.0	20.6	39.7	57.8	6.1	H
6	17354.000000	53.8	74.0	20.2	39.0	58.9	6.9	H
Avg								
1	1319.794033	23.0	54.0	31.0	25.8	61.1	2.3	H
2	2794.147804	26.1	54.0	27.9	28.5	59.5	2.9	H
3	5411.500000	32.9	54.0	21.1	32.7	58.0	3.9	H
4	8522.500000	40.5	54.0	13.5	37.7	55.9	5.1	H
5	12908.500000	43.1	54.0	10.9	39.7	57.8	6.1	H
6	17354.000000	42.8	54.0	11.2	39.0	58.9	6.9	H

30MHz - 1GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax80		

5210 Vertical

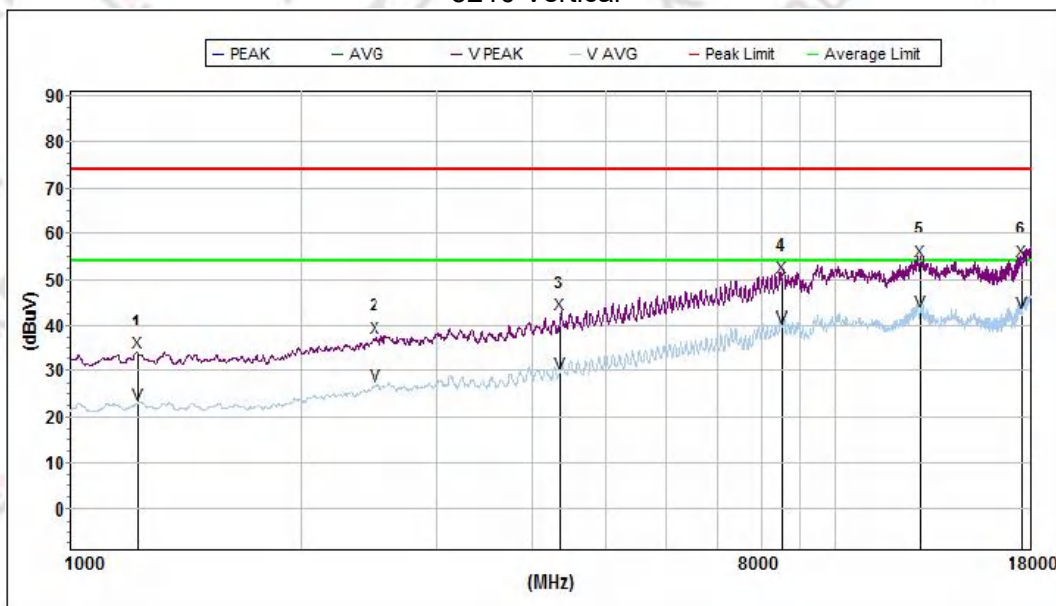


Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB)	Amp.G.(dB)	Cbl.L.(dB)	Pol.
1	36.254065	32.2	40.0	7.8	13.6	32.3	0.8	V
2	93.440245	28.3	43.5	15.2	9.7	32.9	1.2	V
3	222.169797	20.0	46.0	26.0	10.7	32.8	2.4	V
4	371.352844	33.0	46.0	13.0	14.2	32.4	2.7	V
5	593.049668	31.6	46.0	14.4	18.2	32.4	3.3	V
6	963.850713	33.4	54.0	20.6	22.2	31.2	3.8	V

1GHz - 18GHz

Temperature:	23.0°C	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax80		

5210 Vertical



Mk.	Freq.(MHz)	Level (dBuV /m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.000000	34.2	74.0	39.8	25.7	60.9	2.3	V
2	2499.892791	37.5	74.0	36.5	27.7	58.8	2.8	V
3	4357.500000	42.4	74.0	31.6	31.5	58.1	3.5	V
4	8497.000000	50.6	74.0	23.4	37.7	55.6	5.1	V
5	12908.500000	54.1	74.0	19.9	39.7	57.8	6.1	V
6	17558.000000	54.1	74.0	19.9	39.6	58.1	6.9	V
Avg								
1	1221.000000	23.0	54.0	31.0	25.7	60.9	2.3	V
2	2499.892791	26.9	54.0	27.1	27.7	58.8	2.8	V
3	4357.500000	29.6	54.0	24.4	31.5	58.1	3.5	V
4	8497.000000	39.8	54.0	14.2	37.7	55.6	5.1	V
5	12908.500000	42.9	54.0	11.1	39.7	57.8	6.1	V
6	17558.000000	42.8	54.0	11.2	39.6	58.1	6.9	V

NOTE:

All modes have been tested and the worst mode is 802.11a & 802.11ax20 & 802.11ax80. In the report, the radiated spurious emission only presents the test data of 802.11a & 802.11ax20 & 802.11ax80.

Above 18GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Polarization:	--
Test Mode:	TX Mode		

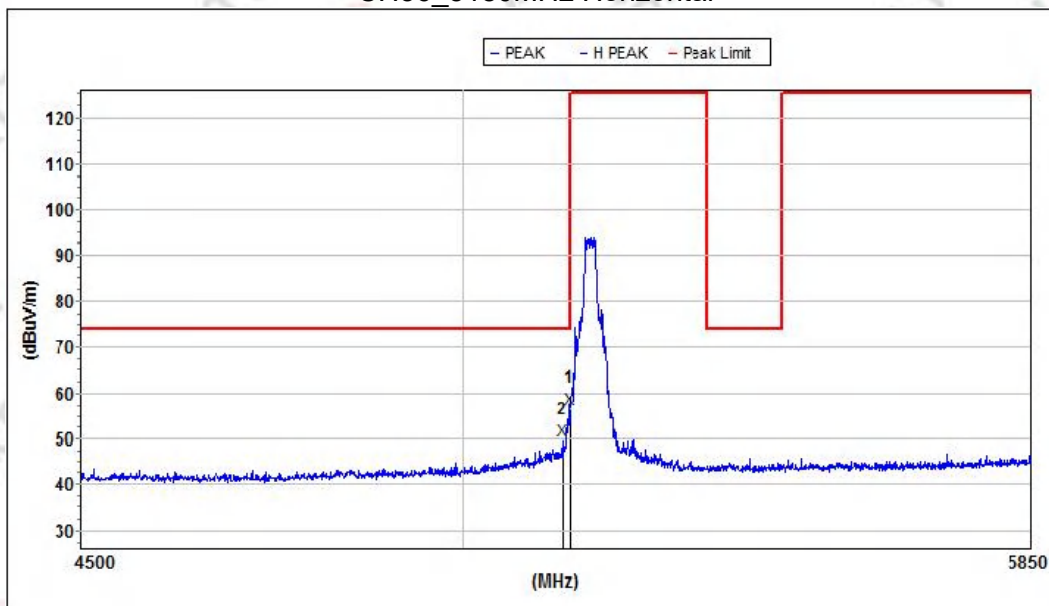
REMARK:

The measured value have enough margin over 20dB than the limit, therefore they are not reported.

3.2.7.2. FOR RESTRICTED BANDS OF OPERATION

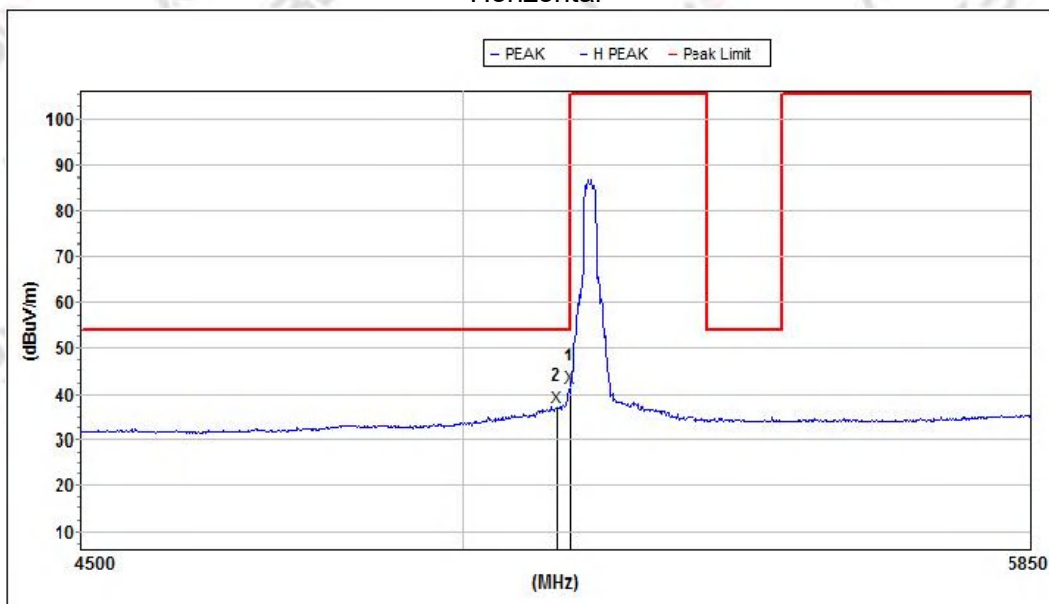
802.11a

CH36_5180MHz Horizontal



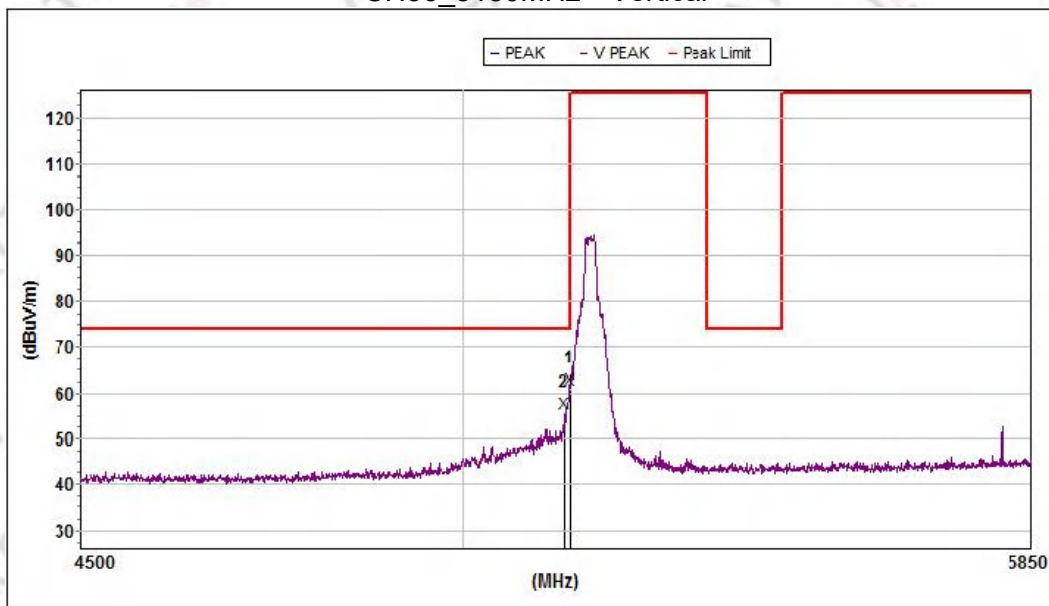
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	5150.000000	56.6	74.0	17.4	33.0	57.5	3.7	H
2	5140.895371	49.8	74.0	24.2	33.0	57.5	3.7	H

Horizontal



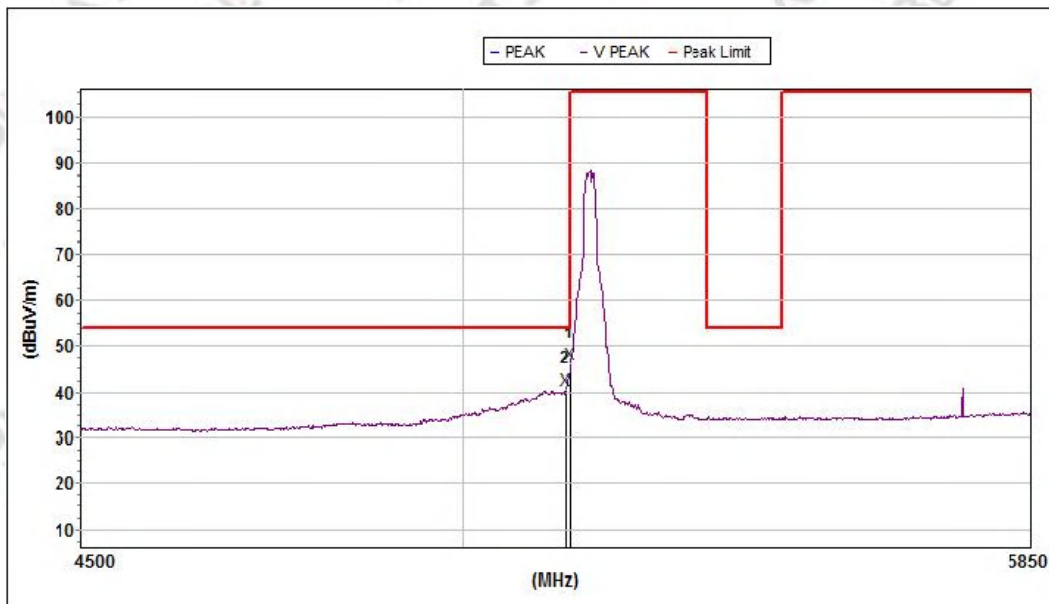
Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
AVG								
1	5150.000000	41.5	54.0	12.5	33.0	57.5	3.7	H
2	5132.135725	37.3	54.0	16.7	33.0	57.5	3.7	H

CH36_5180MHz Vertical



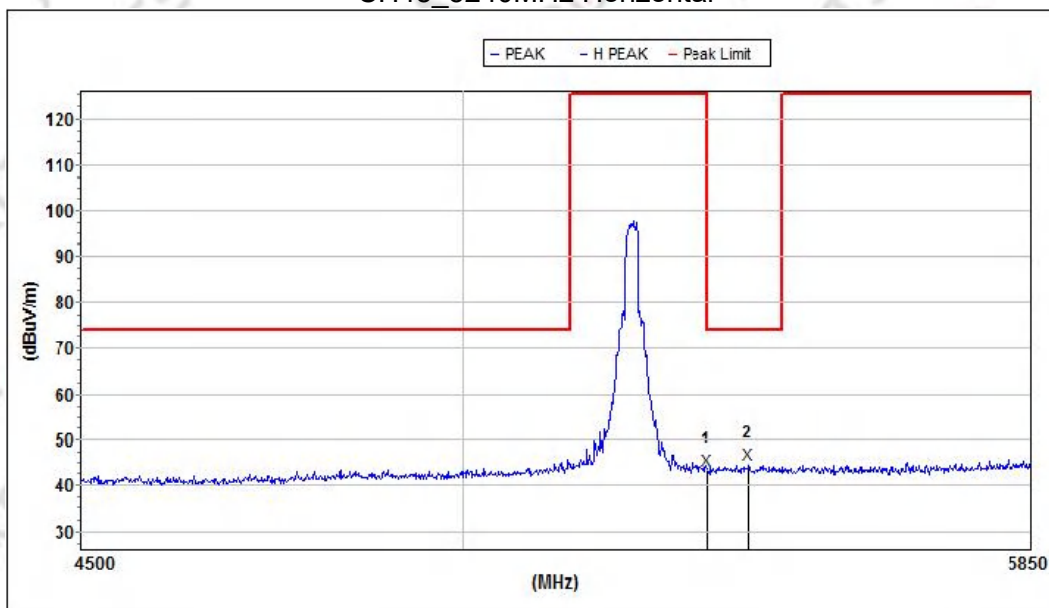
Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	5150.000000	60.8	74.0	13.2	33.0	57.5	3.7	V
2	5142.918950	55.7	74.0	18.3	33.0	57.5	3.7	V

Vertical



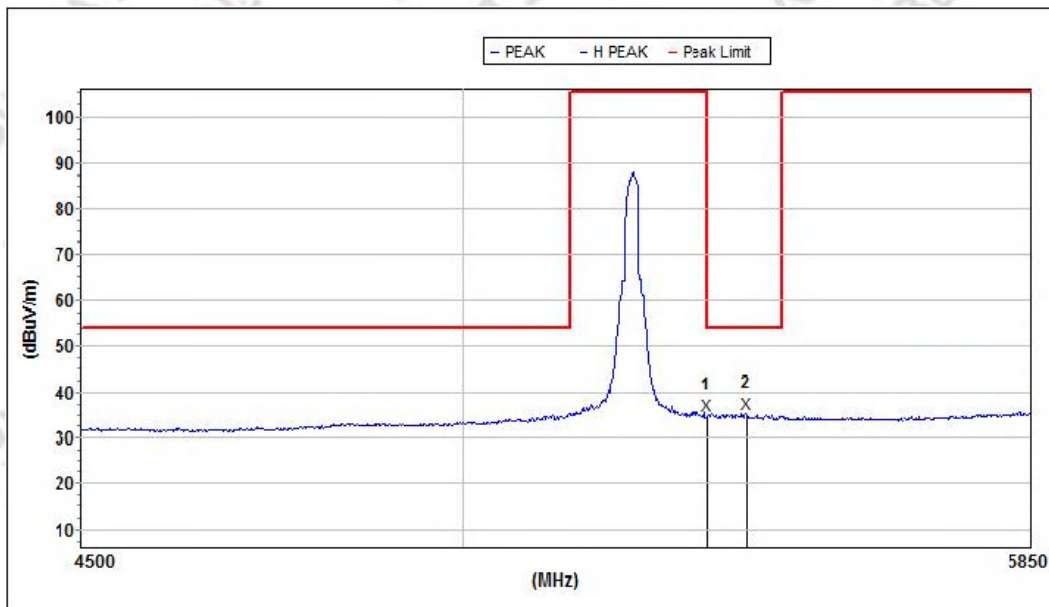
Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	5150.000000	46.0	54.0	8.0	33.0	57.5	3.7	V
2	5144.268445	40.7	54.0	13.3	33.0	57.5	3.7	V

CH48_5240MHz Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak								
1	5350.010000	43.4	74.0	30.6	32.8	57.9	3.9	H
2	5411.462964	44.7	74.0	29.3	32.7	58.0	3.9	H

Horizontal



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
AVG								
1	5350.010000	34.8	54.0	19.2	32.7	57.9	3.9	H
2	5407.205316	35.2	54.0	18.8	32.7	58.0	3.9	H