RADIO TEST REPORT

(for 2.4GHz WLAN)

Project No.	:	JB-Z0125-E
Client	:	Sony Corporation
Address	:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Type of Equipment	:	WiFi / Bluetooth Module
Model No.	:	FL-N01-WBM
Serial No.	:	c62e
FCC ID	:	AK8FLN01WBM
Regulation Applied	:	47 CFR Part 15 Subpart C
Final Judgment	:	**Passed**
Sample Receipt	:	February 18, 2016
Original Testing	:	February 25, 2016 - March 25, 2016
Amend Testing	:	May 19, 2016 - May 24, 2016
Original Reported	:	April 06, 2016
Amend Reported	:	June 27, 2016

Reported by :

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Notice

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TESTING CERT #3203.01

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Note

☑-indicates that the listed condition, standard or equipment is applicable for this report.
☐-indicates that the listed condition, standard or equipment is not applicable for this report.

1. General Information

1.1. Description of Equipment Under Test (EUT)

General specification

Test Sample Condition	:	Pre-production
Type of Equipment	:	Wi-Fi/Bluetooth Module
Trade Name	:	SONY
Model No.	:	FL-N01-WBM
Serial No.	:	c62e
Power Rating	:	DC3.3V(The EUT was supplied with the power from the host device)
Software Ver.	:	develop #158

Radio specification

Function of the Equipment	:	Transceiver
Operating frequency	:	2412 - 2462MHz(EUT doesn't operate in 2467 - 2472MHz)
Modulation Type	:	

IEEE Standard	Type of modulation	Separation	Bandwidth
IEEE802.11b	DSSS(DBPSK,DQPSK,CCK)	5MHz	20MHz
IEEE802.11g	OFDM(BPSK,QPSK,16QAM,64QAM)	5MHz	20MHz
IEEE802.11n	OFDM(BPSK,QPSK,16QAM,64QAM)	5MHz	20MHz

Antenna type	:	Dipole antenna
Antenna connector type	:	X.FL
Antenna gain	:	-1.4 dBi
Operating Temperature	:	5 to 35deg.C

1.2. Summary of Test Result

47 CFR Part 15 Subpart C § 15.247 [DTS]

Test Item	Worst Margin	Test Frequency band	Results
AC Power-line Conducted Emissions	12.60 dB (QP) 0.553 MHz L1	0.15 MHz - 30 MHz	Complied
6dB Bandwidth	Refer to the test data	Carrier	Complied
Power Spectral Density	24.39 dB	Carrier	Complied
Maximum Peak Conducted Output Power	12.03 dB	Carrier	Complied
Radiated Spurious Emissions	0.2 dB (QP) 156.000 MHz Horizontal	9 kHz - 25 GHz (excluding carrier and band edge)	Complied
Conducted Spurious Emissions for Band Edge *1	18.55 dB Margin 2399.11 MHz	Carrier band edge	Complied

Note

*1: Conducted Spurious Emission was tested for the only frequencies in the non-restricted carrier band edges, since the spurious emissions in other non-restricted band were complied with Radiated Spurious Emission measurement.

Other requirements

Part 15.31(e) Supply voltage requirement

: Complied (The EUT is provided with stable DC 3.3V from the host device)

Part 15.203 / 212 Antenna requirement.

: Complied (Users cannot replace the external antenna, since it is mounted to the EUT inside)

1.3. Tested Methodology

Test Standard : 47 CFR Part 15 Subpart C
Test Method : ANSI C63.10 - 2013
KDB 558074 D01 DTS Meas. Guidance v03r04

Test Condition :

AC Power-line Conducted Emissions
Dimensions of the EUT table 0.8 m height, 2 m width and 1 m depth.

Radiated Spurious Emissions
Test Distance ☑ 3 m ☐ 10 m (9 kHz - 30 MHz)
☑ 3 m ☐ 10 m (30 - 1000 MHz)
☑ 3 m (1 - 25 GHz)
Dimensions of the EUT table 0.8m(for MHz), 1.5m(for GHz) height, 2 m width and 1 m depth.

1.4. Measurement Procedures

We performed the measurements in accordance with NV3-12, avaiable upon the request.
☑ No Deviation
☐ Deviation from the above procedure.

The summary of the above procedure is mentioned below

Antenna-port Conducted Measurements

1. Antenna-port of the EUT was connected to the spectrum analyzer.

2. For each EUT operation mode, the Antenna-port Conducted Measurements were measured with Spectrum analyzer.

Test Item *Antenna-port Conducted Measurements	Detector	RBW
6dB Bandwidth	Peak	100 kHz
Maximum Peak Conducted Output Power	Peak	-
Power Spectral Density	Peak	3 kHz
Conducted Spurious Emissions for Band Edge	Peak	100 kHz

AC Power-line Conducted Emissions

1. The non-conductive table (EUT table) made of (☑FRP,☐wood,☐other non-conductive material) was placed 0.4 m from its rear to the vertical reference ground plane.

2. The EUT was placed on the center of tabletop and its rear was flush with the rear of the table, connected through a LISN to the input power mains.

3. The LISN was placed in 80 cm from the nearest part of the EUT chassis.

4. The excess length of the AC cable between the EUT and the LISN receptacle, or an adaptor or extension cable connected to and measured with LISN, was folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

5. The connection of the all other equipment to the second LISN was performed. The second LISN was terminated with a 50-ohm terminator.

6. Interconnecting cables that hang closer than 40 cm to the horizontal reference ground plane was folded back and forth forming a bundle 30 to 40 cm long, hanging approximately in the middle between the horizontal reference ground plane and the tabletop.

7. Find the worst mode and arrangement of the EUT according to the follows;
   - Connecting all peripherals and change the position of peripherals and cables.
   - Changing the all test operation modes of the EUT.
   - On every condition, exploring the highest emissions with the spectrum analyzer.
   (150kHz - 30MHz, peak detector, RBW: 10 kHz)

8. On the worst condition of the EUT found in above, choose the 6 highest emissions on the spectrum data. The final measurements carried out on these emissions with EMI test receiver.
   (quasi-peak and average detector, RBW: 9 kHz)

Radiated Spurious Emissions

1. The non-conductive table (EUT table) made of (☐ FRP, ☑ Styrene Foam, ☐ other non-conductive material) was placed in the center of the turntable.
2. The EUT was placed on the center of the tabletop.
3. The test antenna was placed away from the EUT at test distance.
4. The limits were compensated the distance factor with follows;
   9 kHz - 490 kHz [Limit at 3m] = [Limit at 300m] + 40log (300[m] / 3[m])
   490 kHz - 30 MHz [Limit at 3m] = [Limit at 30m] + 40log (30[m] / 3[m])
5. Find the worst arrangement of the EUT according to follows;
   - Rotating the turntable and/or scanning the antenna.
   - On every condition, exploring the highest emissions with the spectrum analyzer.
     (9 kHz - 25 GHz, peak detector)
6. On the worst arrangement of the EUT found in above, choose the three highest harmonics or spurious emissions on the spectrum data.(*excluding carrier band edges)
   The final measurements of all test operating modes carried out on these emissions as follows;

   The test antenna and the turntable were performed with follows;

	9kHz - 30MHz	30MHz - 1000MHz	above 1GHz
Antenna	Loop Antenna	Bi-conical Antenna, Log-periodic Antenna	Horn Antenna
Antenna scanning range	1m, Vertical, 360 degrees	1 - 4m, Horizontal and Vertical	1 - 4m *, Horizontal and Vertical
Turntable rotating range	360 degrees	360 degrees	360 degrees

   *: Final measurements are performed keeping the antenna in the "cone of radiation" from EUT area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.

   Instruments settings were carried out with follows;

	9 kHz - 90 kHz 110 kHz - 490 kHz	90 kHz- 110 kHz 490 kHz - 30 MHz	30 MHz - 1000 MHz	above 1GHz
Detector	Peak / Average	Quasi-peak	Quasi-peak	Peak / Average
RBW	9 kHz (6dB) *1	9 kHz (6dB) *1	120 kHz (6dB)	1 MHz (3dB)
VBW	N/A	N/A	N/A	3 MHz (for peak) 10 kHz (for average) *2
Instrument	EMI test receiver	EMI test receiver	EMI test receiver	Spectrum analyzer

   *1: When the measurement frequencies below 150 kHz, RBW: 200 Hz was used.
   *2: VBW setting (for average) was higher than 1/T. (T is the minimum transmission duration)
7. If the final measurement result exceeded the limit(FCC 15.209(a)) in non-restricted band(excluding carrier band edges), the measurement is carried out additionally and compared with the limit (-20dBc) with follows;

   Measurement points
   - Fundamental Frequency
   - Frequency that exceeded the limit in non-restricted band (excluding carrier band edges)

	9 kHz - 150 kHz	150 kHz - 30MHz	above 30MHz
Detector	Peak	Peak	Peak
RBW	3 dB RBW: 300 Hz *	3 dB RBW: 10 kHz *	3 dB RBW: 100 kHz
Instrument	Spectrum analyzer	Spectrum analyzer	Spectrum analyzer

   *: Correction factor of RBW was compensated to a measurement result by the following formula.
   C.F. of RBW [dB] = 10*log (100kHz / used RBW)
8. Although these tests were performed other than open field area test site, adequate comparison measurements were confirmed against 30 m open field 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 937606.

1.5. Test Facility

Address of Test Facility

Test Facility Name : Sony Global Manufacturing & Operations Corporation
EMC/RF Test Laboratory, Main Lab.

Address : Kisarazu Site 8-4 Shiomi Kisarazu-shi Chiba, 292-0834 Japan

Phone : +81 438 37 2750

AC Power-line Conducted Emissions

Shielded Room

☑ 4th Site

Radiated Spurious Emission

Semi-Anechoic chamber

☑ 4th Site

Antenna-port Conducted Measurements

Shielded Room

☑ 4th Site SR1

A2LA Accreditation for Test Facility

The above test facility has been fully reported to A2LA and accepted as follows:

Effective dates: 2015-09-15 through 2017-10-31

1.6. Uncertainty

Test Item	Frequency	4th Site SR1	
Conducted Output Power	1 - 6GHz	-	± 0.84 dB
Power Spectral Density,	below 6 GHz		± 0.89 dB
Conducted Spurious Emissions	6-25GHz		± 1.35 dB

Test Item	Frequency	4th Site	
AC Power line Conducted Emissions	150 kHz - 30 MHz	-	± 3.34 dB
Radiated emissions	below 30 MHz	3m	± 2.59 dB
	30 - 300 MHz	3m	± 4.18 dB
	300 - 1000 MHz	3m	± 4.04 dB
	1 - 6 GHz	3m	± 4.63 dB
	6 - 18 GHz	3m	± 5.31 dB
	18 - 26.5 GHz	3m	± 5.78 dB

2. System Test Configuration

2.1. Validation

The system was configured for testing in a typical (as a customer would normally use it).
The tests were conducted with the worst case modes as follows.

2.2. Test Operating Conditions

Transmitting mode

Test Items	Operating Mode	Data Rate *1	Test Channels
AC Power-line Conducted Emissions	IEEE802.11b *2	1 Mbps	2437MHz *2
6dB Bandwidth, Maximum Peak Conducted Output Power, Power Spectral Density, Radiated Spurious Emissions	IEEE802.11b	1 Mbps	2412 MHz 2437 MHz 2462 MHz
	IEEE802.11g	9 Mbps	
	IEEE802.11n_HT20	MCS1	
Conducted Spurious Emissions for Band Edge	IEEE802.11b	1 Mbps	2412 MHz
	IEEE802.11g	9 Mbps	
	IEEE802.11n_HT20	MCS1	

Note
*1: The worst data rate has been decided based on the result of Maximum Peak Conducted Output Power.
*2: The final test was performed with the representative mode that had been found as the worst emission mode while exploratory testing.

The Software for Operating Mode
Name : Labtool
Version : 2.2.0.75-15.2.7.p22_Release

Special accessories needed for connecting the EUT to achieve compliance:

Item	Manufacturer	Model No.	Serial No.	Remark
Personal Computer	SONY	VPCZ21ADZ	1009099	-
AC Adaptor	SONY	VGP-AC19V25	148013121 0212911	-

2.3. EUT Modifications

☑ No equipment modification to achieve compliance to the standard levels was done during the tests.
☐ Equipment was modified to achieve compliance to the standard level as below.

Responsible Party Signature

Typed/ Print Name :
Responsible Party :
Position :
Date :

2.4. Configuration of Tested System

Antenna-port Conducted Measurements

The equipment under test (EUT)

Symbol	Item	Manufacturer	Model No.	Serial No.
A	WiFi / Bluetooth Module	SONY	FL-N01-WBM	c62e

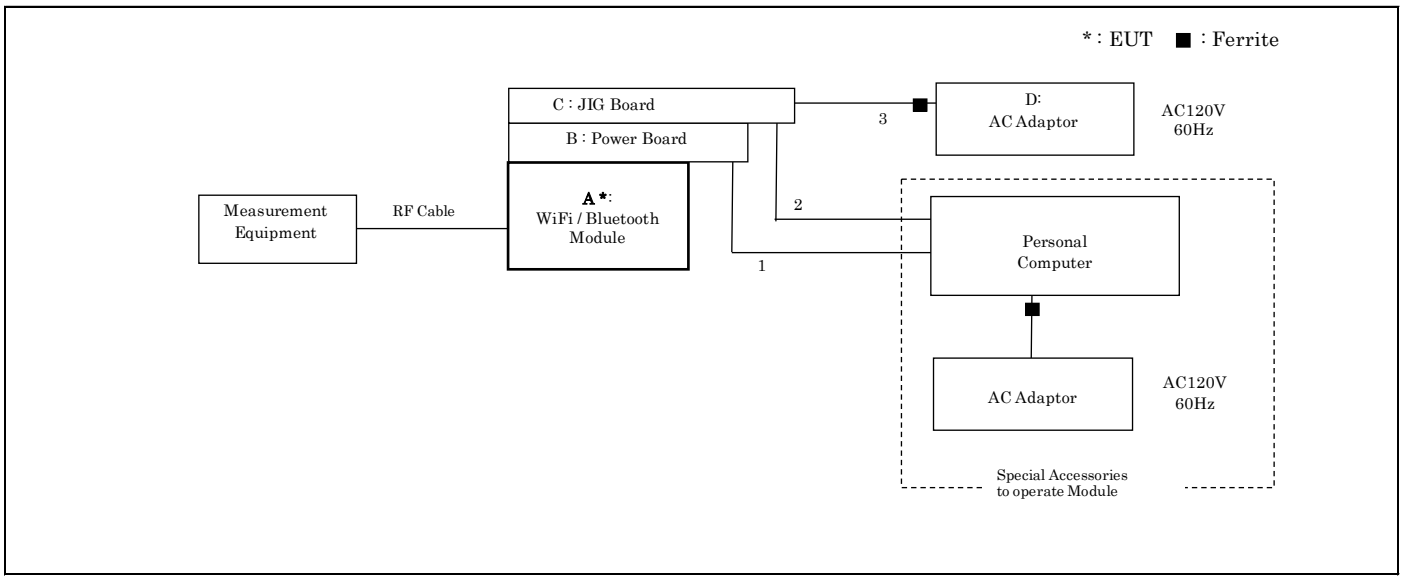
Support equipment for operation

Symbol	Item	Manufacturer	Model No.	Serial No.
B	Power Board	-	-	-
C	JIG Board	-	-	-
D	AC Adaptor	GO FORWARD ENTERPRISE	GF12-US0520	1410-08

Type of Cable

Symbol	Description	Identification (Manufacturer etc)	Shielded Yes/No	Ferrite Core	Bundled	Length (m)
1	USB Cable	-	Yes	No	-	1.2
2	USB Cable	-	Yes	No	-	0.9
3	AC Adaptor Cable	-	No	Yes (x1)	-	1.5

System configuration



Radiated Spurious Emissions

The equipment under test (EUT)

Symbol	Item	Manufacturer	Model No.	Serial No.
A-1	WiFi / Bluetooth Module	SONY	FL-N01-WBM	c62e
A-2	Antenna	SONY	FPC-ANT-B	-

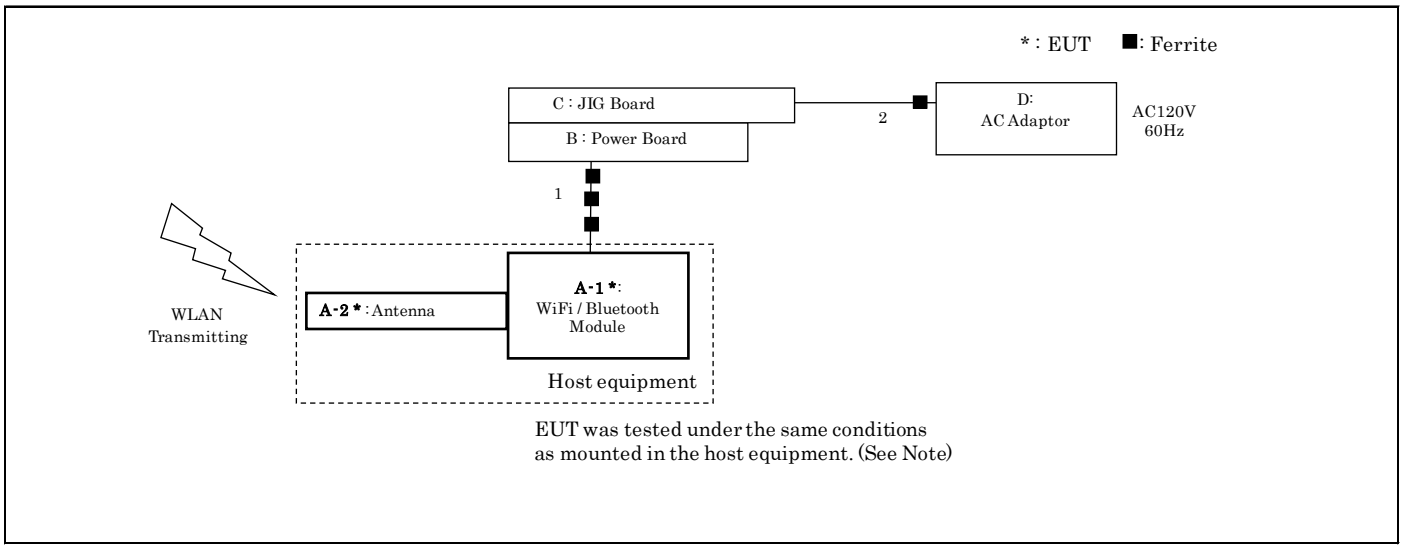
Support equipment for operation

Symbol	Item	Manufacturer	Model No.	Serial No.
B	Power Board	-	-	-
C	JIG Board	-	-	-
D	AC Adaptor	GO FORWARD ENTERPRISE	GF12-US0520	1410-08

Type of cable

Symbol	Description	Identification (Manufacturer etc)	Shielded Yes/No	Ferrite Core	Bundled	Length (m)
1	B to B Extended Cable	-	No	Yes(x3)	-	0.1
2	AC Adaptor Cable	-	No	Yes(x1)	-	1.5

System configuration



Note: - The radio specifications (e.g. Tx power, channel) of this host equipment (refers to Clause 6.3 "Setup 2: Module product") is same as final product (refers to Clause 6.3 "Setup 1: Final product") specifications.
- Module product setup was confirmed by comparing with final product setup with normal communicating mode, since final product cannot operate with continuous transmission.
- Hereby, module product which confirmed worst condition was measured with continuous transmission.

AC Power-line Conducted Emissions

The equipment under test (EUT)

Symbol	Item	Manufacturer	Model No.	Serial No.
A-1	WiFi / Bluetooth Module	SONY	FL-N01-WBM	c62e
A-2	Antenna	SONY	FPC-ANT-B	-

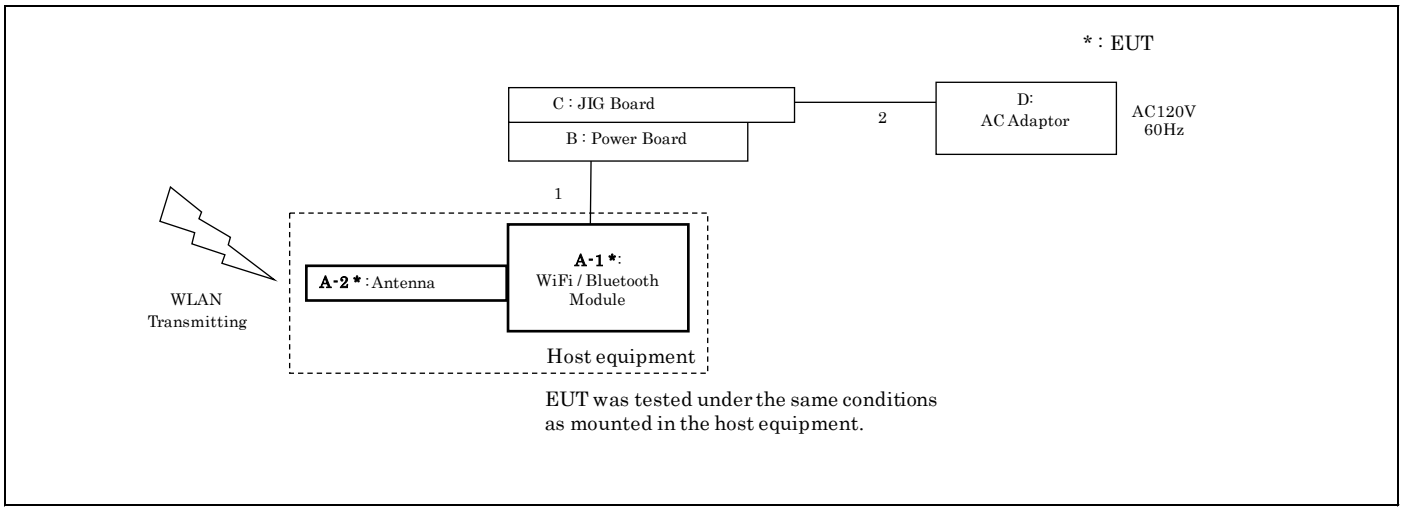
Support equipment for operation

Symbol	Item	Manufacturer	Model No.	Serial No.
B	Power Board	-	-	-
C	JIG Board	-	-	-
D	AC Adaptor	GO FORWARD ENTERPRISE	GF12-US0520	1410-08

Type of Cable

Symbol	Description	Identification (Manufacturer etc)	Shielded Yes/No	Ferrite Core	Bundled	Length (m)
1	B to B Extended Cable	-	No	No	-	0.1
2	AC Adaptor Cable	-	No	No	Bundled	1.5

System configuration



3. Test Data

3.1. AC Power-line Conducted Emissions

1) Date of measurement : May 19, 2016

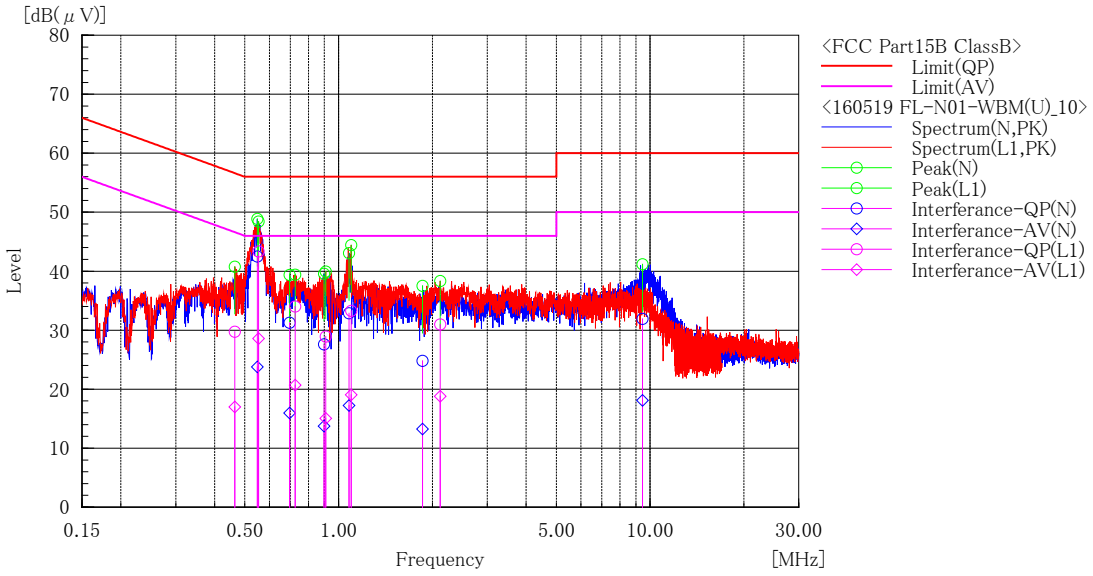
[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Conducted Emission>>

Model : FL-N01-WBM
Serial : c62e
Operator : R.KAWANO
Power : AC 120V / 60Hz
Temp./Hum. : 25deg./ 44%

Limit : FCC Part15C
Remark1 :
Remark2 :
Remark3 : Mid
Remark4 : 11b_1M



Final Result

--- N Phase ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]
1	0.548	26.4	7.7	16.1	42.5	23.8	56.0	46.0	13.5	22.2
2	0.696	15.1	-0.2	16.1	31.2	15.9	56.0	46.0	24.8	30.1
3	0.898	11.6	-2.2	16.0	27.6	13.8	56.0	46.0	28.4	32.2
4	1.080	16.9	1.2	16.0	32.9	17.2	56.0	46.0	23.1	28.8
5	1.859	8.9	-2.7	15.9	24.8	13.2	56.0	46.0	31.2	32.8
6	9.462	15.7	1.9	16.2	31.9	18.1	60.0	50.0	28.1	31.9

--- L1 Phase ---

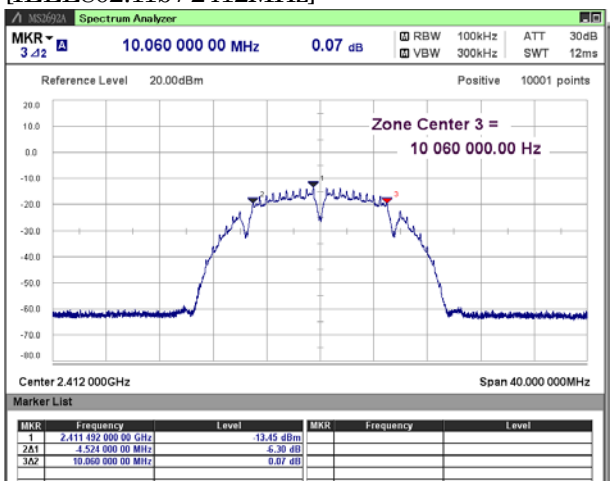
No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]
1	0.464	13.6	0.9	16.1	29.7	17.0	56.6	46.6	26.9	29.6
2	0.553	27.3	12.5	16.1	43.4	28.6	56.0	46.0	12.6	17.4
3	0.725	17.9	4.6	16.1	34.0	20.7	56.0	46.0	22.0	25.3
4	0.909	12.9	-0.9	16.0	28.9	15.1	56.0	46.0	27.1	30.9
5	1.098	17.3	3.1	16.0	33.3	19.1	56.0	46.0	22.7	26.9
6	2.120	15.1	2.9	15.9	31.0	18.8	56.0	46.0	25.0	27.2

3.2. 6dB Bandwidth

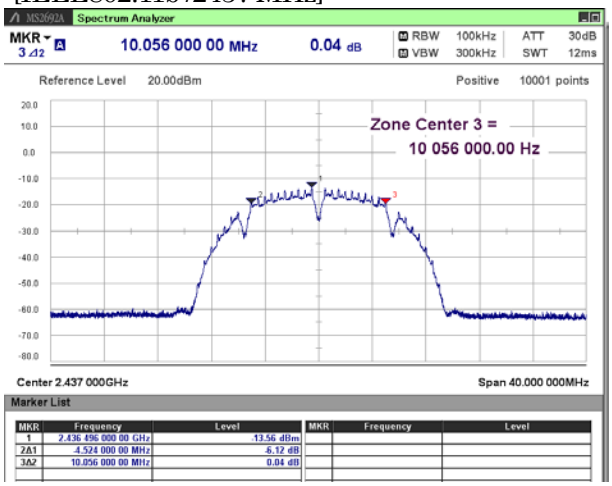
1) Ambient temperature : 23.9 deg.C
2) Relative humidity : 45.1 %
3) Date of measurement : 26 February 2016
4) Measured by : S.ONOTORA
5) Operating mode : Transmitting mode

Mode	Rate [Mbps]	Channel [MHz]	Result [MHz]	Limit [MHz]
11b	1	2412	10.060	0.5
		2437	10.056	0.5
		2462	10.064	0.5
11g	9	2412	16.332	0.5
		2437	16.332	0.5
		2462	16.340	0.5
11n (HT20)	MCS1	2412	17.548	0.5
		2437	17.564	0.5
		2462	17.560	0.5

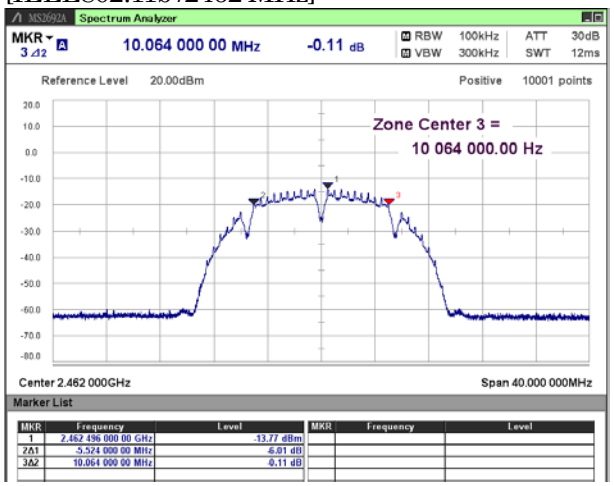
[IEEE802.11b / 2412MHz]



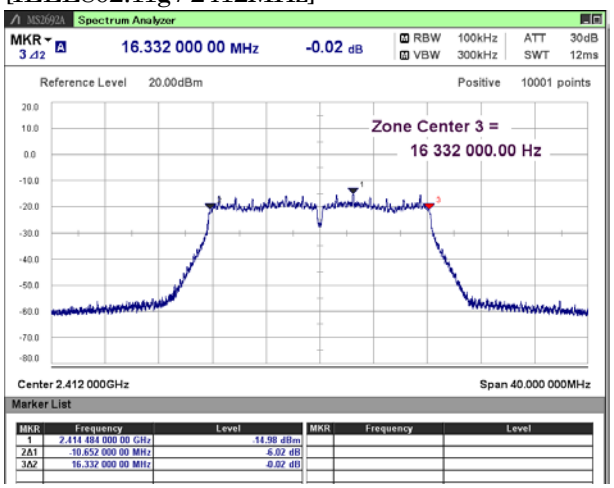
[IEEE802.11b /2437 MHz]



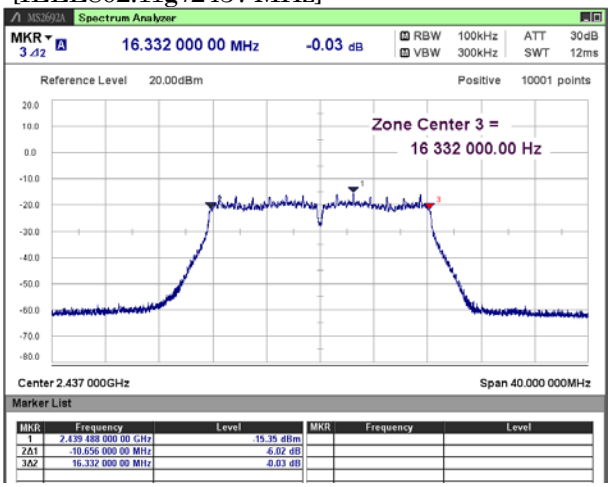
[IEEE802.11b /2462 MHz]



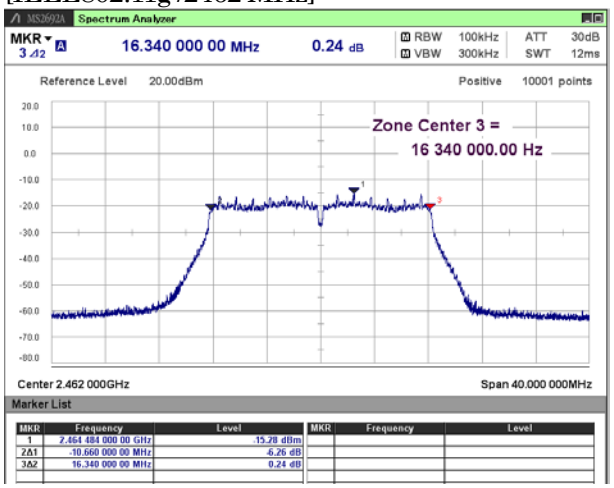
[IEEE802.11g / 2412MHz]



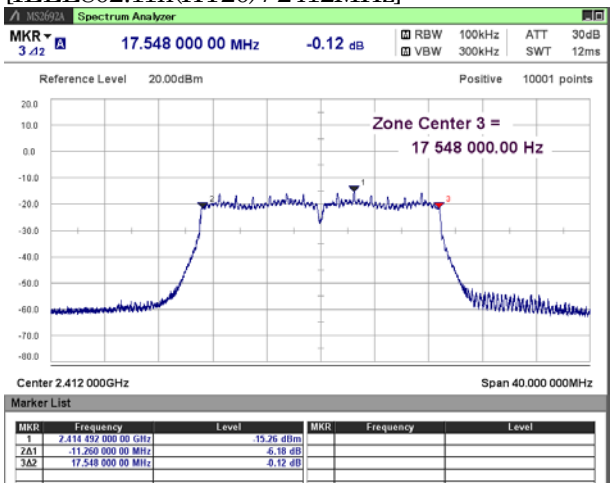
[IEEE802.11g /2437 MHz]



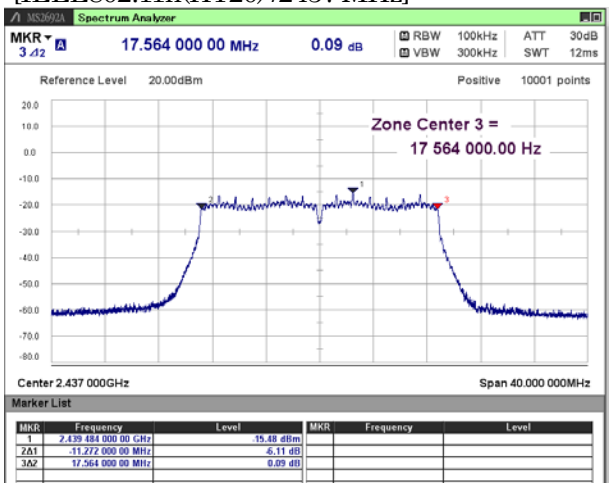
[IEEE802.11g /2462 MHz]



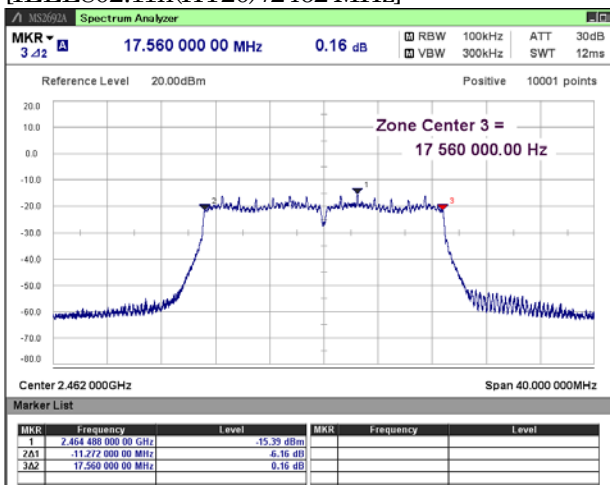
[IEEE802.11n(HT20) / 2412MHz]



[IEEE802.11n(HT20) /2437 MHz]



[IEEE802.11n(HT20) /2462 MHz]



3.3. Maximum Peak Conducted Output Power

1) Ambient temperature : 24.1 deg.C
2) Relative humidity : 40.1 %
3) Date of measurement : 25 February 2016
4) Measured by : S.ONOTORA
5) Operating mode : Transmitting mode

Maximum Peak Conducted Output Power

Mode	Rate [Mbps]	Channel [MHz]	Reading (PK) [dBm]	C.F. [dB]	Result (PK) [dBm]	Result (PK) [W]	Limit [dBm]	Limit [W]	Margin [dB]
11b	1	2412	9.47	0.60	10.07	0.01016	30.0	1.00	19.93
		2437	9.17	0.60	9.77	0.00948	30.0	1.00	20.23
		2462	9.09	0.60	9.69	0.00931	30.0	1.00	20.31
11g	9	2412	16.21	0.60	16.81	0.04797	30.0	1.00	13.19
		2437	17.01	0.60	17.61	0.05768	30.0	1.00	12.39
		2462	16.42	0.60	17.02	0.05035	30.0	1.00	12.98
11n (HT20)	MCS1	2412	17.31	0.60	17.91	0.06180	30.0	1.00	12.09
		2437	17.37	0.60	17.97	0.06266	30.0	1.00	12.03
		2462	17.27	0.60	17.87	0.06124	30.0	1.00	12.13

Maximum Conducted Output Power (Average result for SAR measurement)

Mode	Rate [Mbps]	Channel [MHz]	Reading (AV) [dBm]	C.F. [dB]	Duty Factor [dB]	Result (AV) [dBm]	Result (AV) [W]	Limit [dBm]	Limit [W]	Margin [dB]
11b	1	2412	6.46	0.60	0.36	7.42	0.00552	30.0	1.00	22.58
		2437	6.05	0.60	0.36	7.01	0.00502	30.0	1.00	22.99
		2462	5.77	0.60	0.36	6.73	0.00471	30.0	1.00	23.27
11g	18	2412	6.41	0.60	0.11	7.12	0.00515	30.0	1.00	22.88
		2437	6.32	0.60	0.11	7.03	0.00505	30.0	1.00	22.97
		2462	5.85	0.60	0.11	6.56	0.00453	30.0	1.00	23.44
11n (HT20)	MCS0	2412	6.23	0.60	0.10	6.93	0.00493	30.0	1.00	23.07
		2437	6.34	0.60	0.10	7.04	0.00506	30.0	1.00	22.96
		2462	5.94	0.60	0.10	6.64	0.00461	30.0	1.00	23.36

Worst Rate check

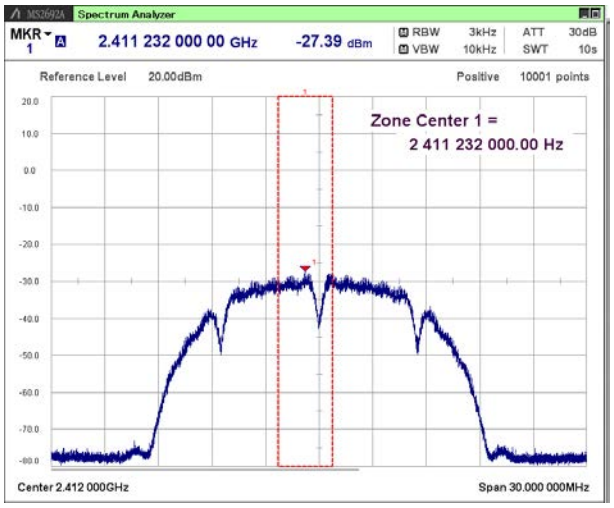
Mode	Rate [Mbps]	Channel [MHz]	Reading (PK) [dBm]	C.F. [dB]	Result (PK) [dBm]	Reading (AV) [dBm]	Duty Factor [dB]	Result (AV) [dBm]
11b	1	2437	9.17	0.60	9.77	6.05	0.36	7.01
	2	2437	8.73	0.60	9.33	5.70	0.07	6.37
	5.5	2437	9.03	0.60	9.63	5.79	0.05	6.44
	11	2437	8.81	0.60	9.41	5.59	0.08	6.27
11g	6	2437	16.88	0.60	17.48	6.03	0.06	6.69
	9	2437	17.01	0.60	17.61	5.97	0.07	6.64
	12	2437	16.26	0.60	16.86	5.90	0.08	6.58
	18	2437	16.39	0.60	16.99	6.32	0.11	7.03
	24	2437	16.79	0.60	17.39	6.14	0.15	6.89
	36	2437	15.32	0.60	15.92	5.81	0.20	6.61
	48	2437	16.01	0.60	16.61	5.94	0.21	6.75
	54	2437	16.52	0.60	17.12	5.91	0.28	6.79
11n (HT20)	MCS0	2437	17.13	0.60	17.73	6.34	0.10	7.04
	MCS1	2437	17.37	0.60	17.97	6.15	0.10	6.85
	MCS2	2437	16.69	0.60	17.29	6.07	0.12	6.79
	MCS3	2437	16.09	0.60	16.69	6.24	0.19	7.03
	MCS4	2437	16.74	0.60	17.34	5.91	0.20	6.71
	MCS5	2437	16.64	0.60	17.24	5.79	0.25	6.64
	MCS6	2437	15.99	0.60	16.59	5.85	0.28	6.73
	MCS7	2437	15.81	0.60	16.41	5.91	0.35	6.86

3.4. Power Spectral Density

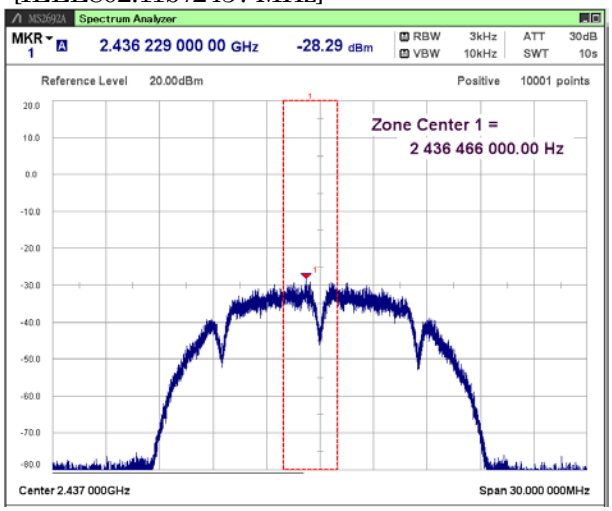
1) Ambient temperature : 23.9 deg.C
2) Relative humidity : 45.1 %
3) Date of measurement : 26 February 2016
4) Measured by : S.ONOTORA
5) Operating mode : Transmitting mode

Mode	Rate [Mbps]	Channel [MHz]	Reading (PK) [dBm]	C.F. [dB]	Result (PK) [dBm/3kHz]	Limit [dBm/3kHz]	Margin [dB]
11b	1	2412	-27.39	11.00	-16.39	≦ 8.0	24.39
		2437	-28.29	11.00	-17.29	≦ 8.0	25.29
		2462	-28.51	11.00	-17.51	≦ 8.0	25.51
11g	9	2412	-30.10	11.00	-19.10	≦ 8.0	27.10
		2437	-30.57	11.00	-19.57	≦ 8.0	27.57
		2462	-29.72	11.00	-18.72	≦ 8.0	26.72
11n (HT20)	MCS1	2412	-28.00	11.00	-17.00	≦ 8.0	25.00
		2437	-29.96	11.00	-18.96	≦ 8.0	26.96
		2462	-30.30	11.00	-19.30	≦ 8.0	27.30

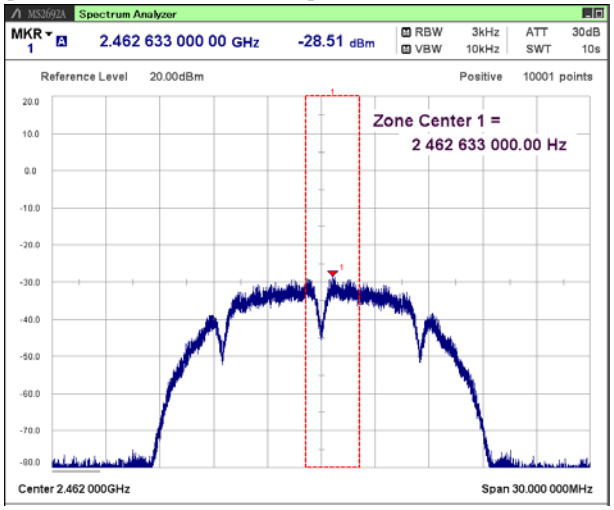
[IEEE802.11b / 2412MHz]



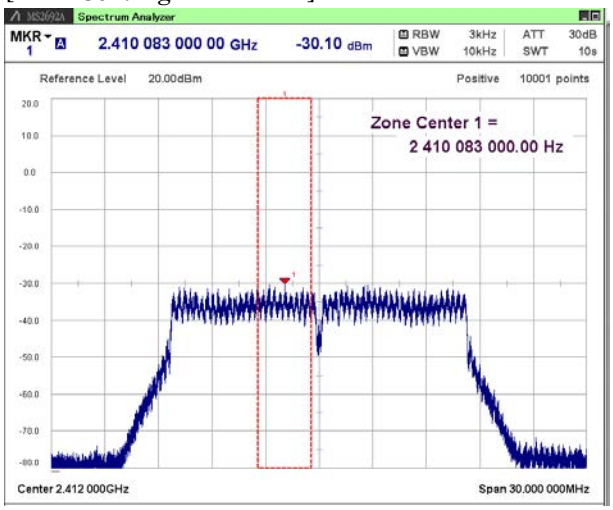
[IEEE802.11b /2437 MHz]



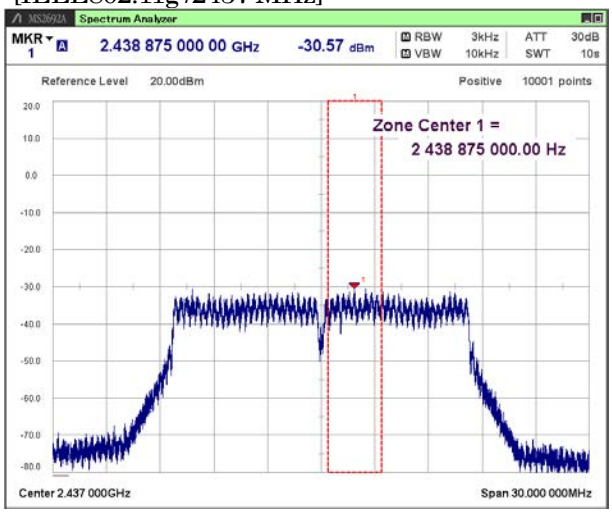
[IEEE802.11b /2462 MHz]



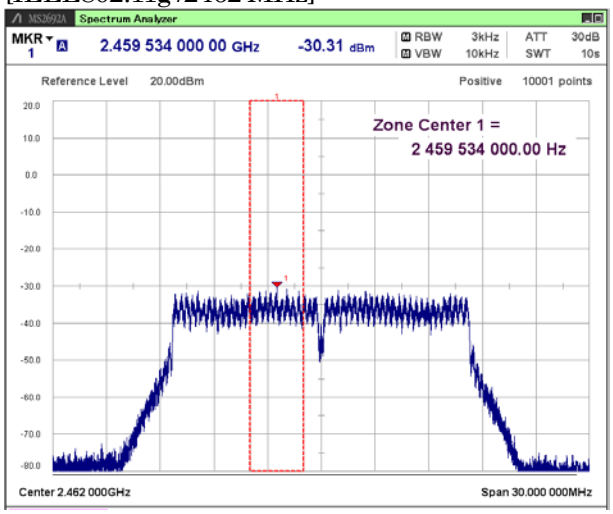
[IEEE802.11g / 2412MHz]



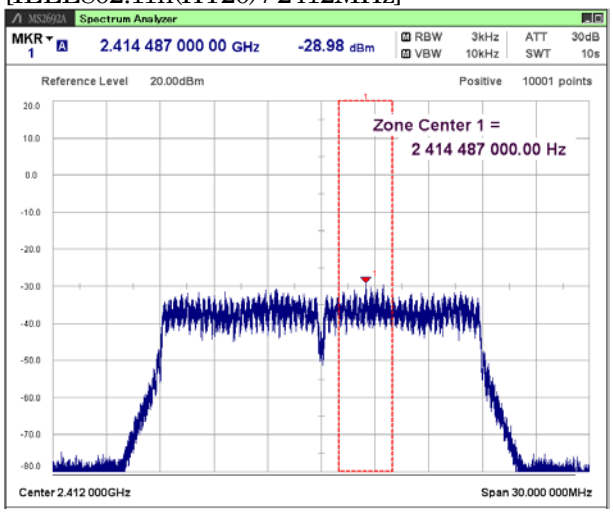
[IEEE802.11g /2437 MHz]



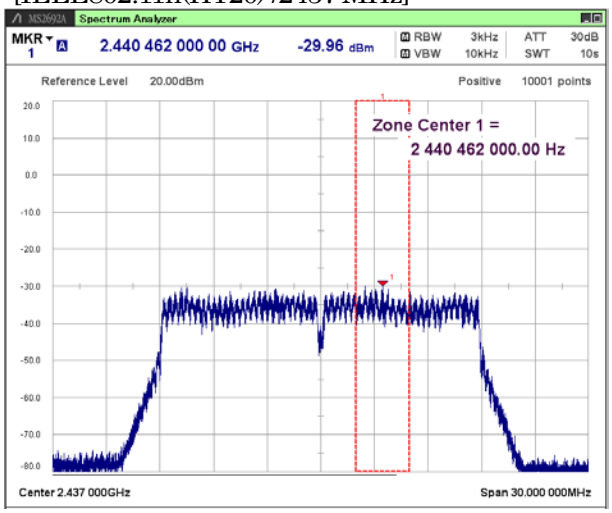
[IEEE802.11g /2462 MHz]



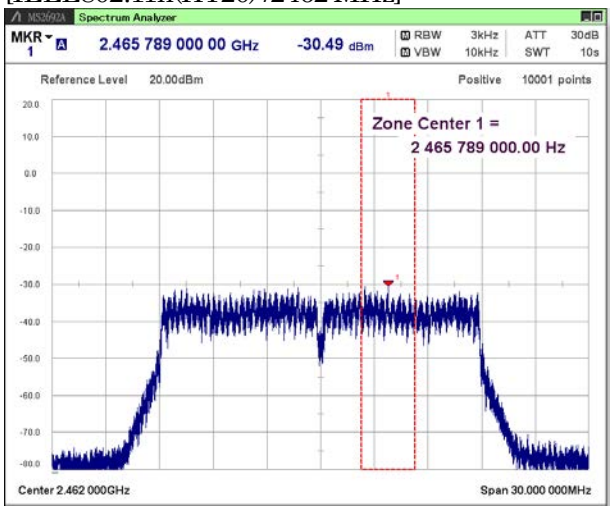
[IEEE802.11n(HT20) / 2412MHz]



[IEEE802.11n(HT20) /2437 MHz]



[IEEE802.11n(HT20) /2462 MHz]



3.5. Radiated Spurious Emissions

1) Date of measurement

9kHz - 30MHz	: March 23, 2016	(all mode)	
30MHz - 1000MHz	: March 10, 2016	(all mode)	
1GHz - 6GHz	: March 12, 2016	(all mode)	* May 24, 2016 (band edge plot data)
6GHz - 18GHz	: March 17, 2016	(all mode)	
18GHz - 24.835GHz	: March 17, 2016	(all mode)	

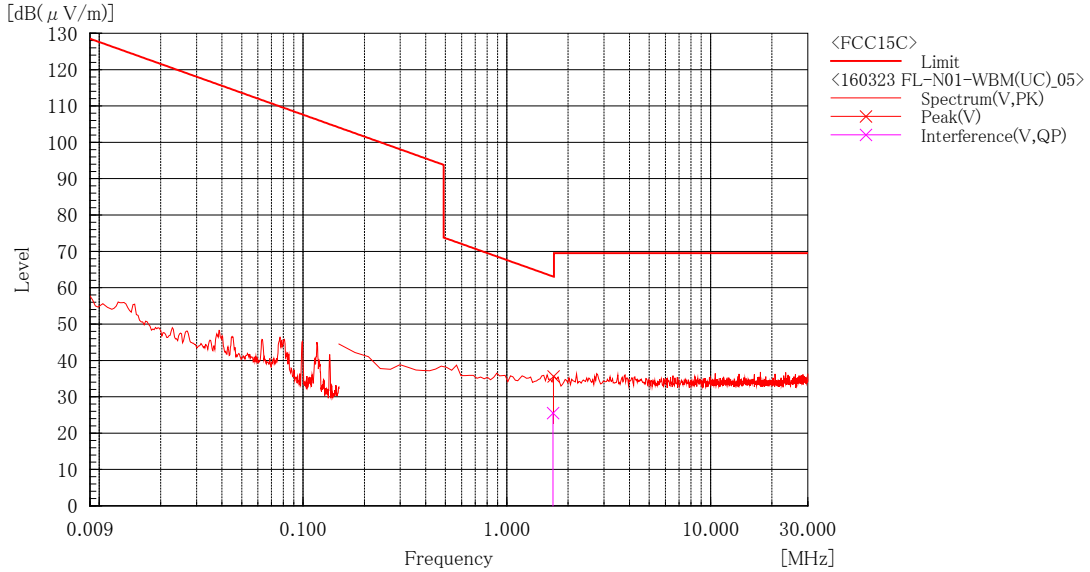
9 kHz - 30 MHz

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 53%	Remark4	: 11b_1M



Final Result

--- Vertical Polarization (QP)---

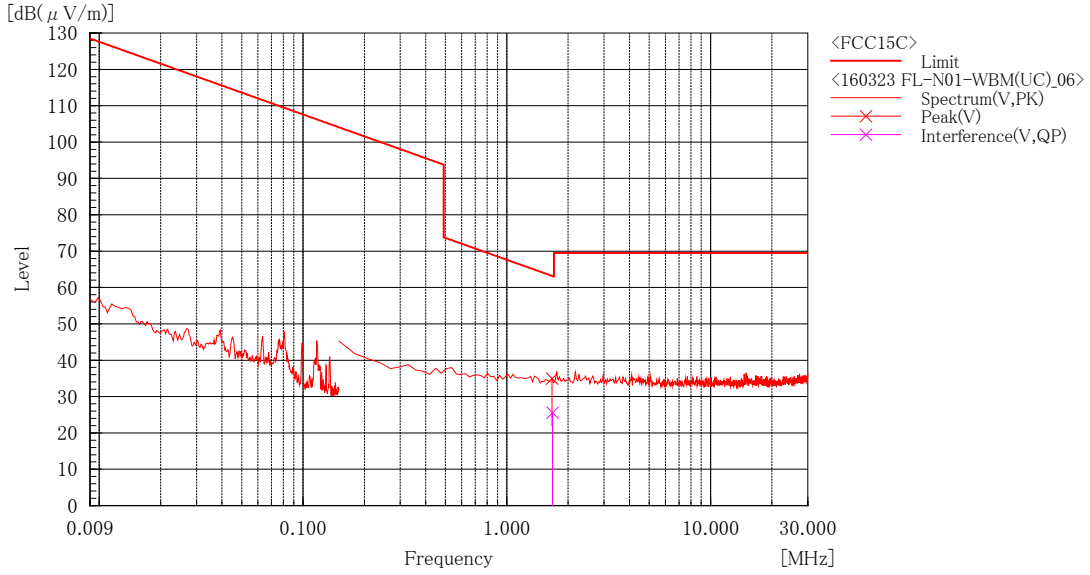
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.684	5.6	19.9	25.5	63.1	37.6	100.0	44.3

[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 53%	Remark4	: 11b_1M



Final Result

--- Vertical Polarization (QP)---

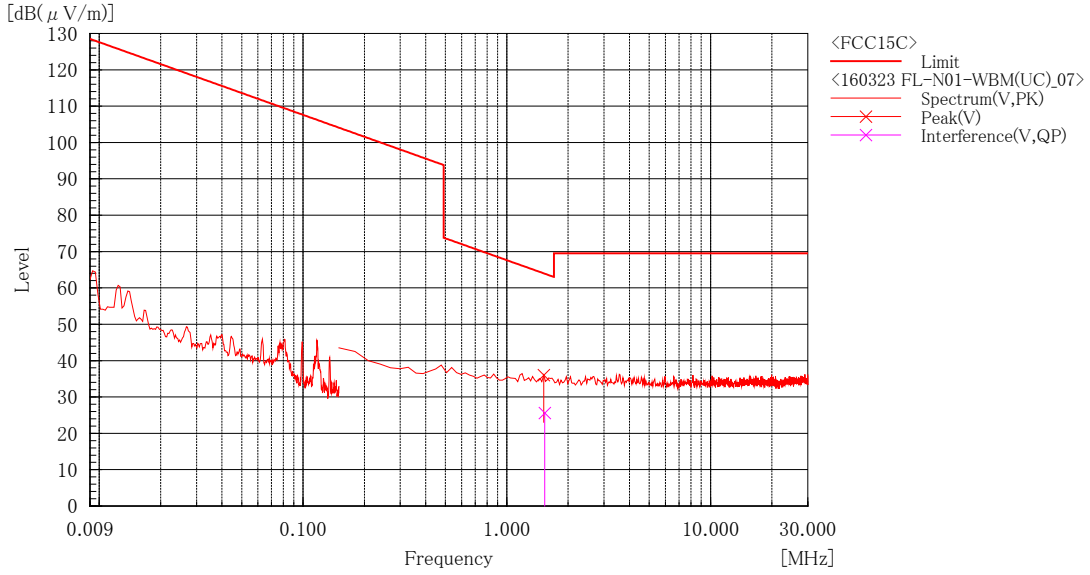
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.677	5.7	19.9	25.6	63.1	37.5	100.0	126.0

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 53%	Remark4	: 11b_1M



Final Result

--- Vertical Polarization (QP)---

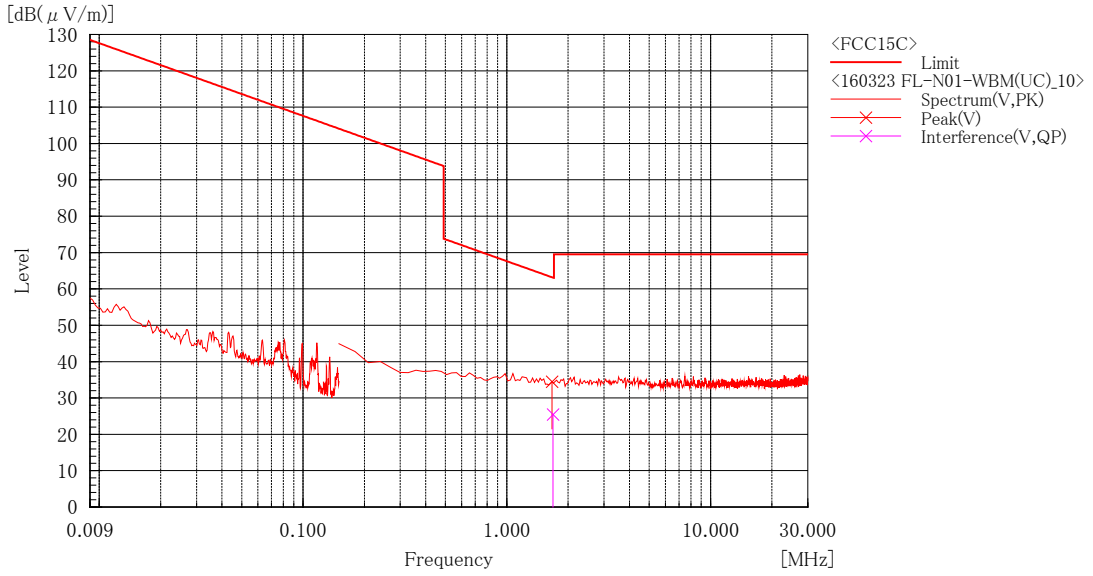
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.536	5.7	19.9	25.6	63.9	38.3	100.0	126.1

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 53%	Remark4	: 11g_9M



Final Result

--- Vertical Polarization (QP)---

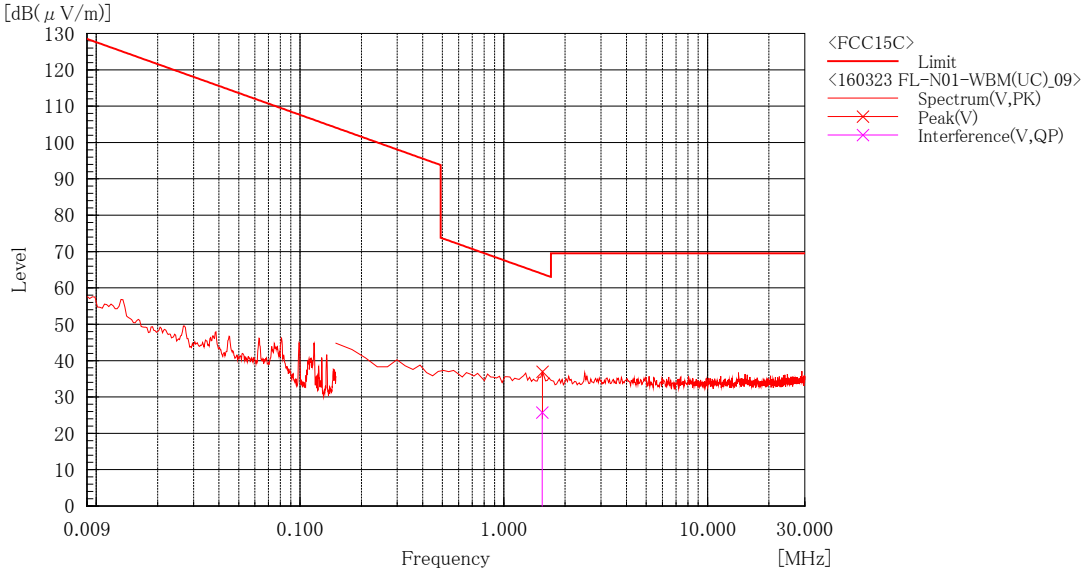
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.684	5.6	19.9	25.5	63.1	37.6	100.0	136.0

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 53%	Remark4	: 11g_9M



Final Result

--- Vertical Polarization (QP)---

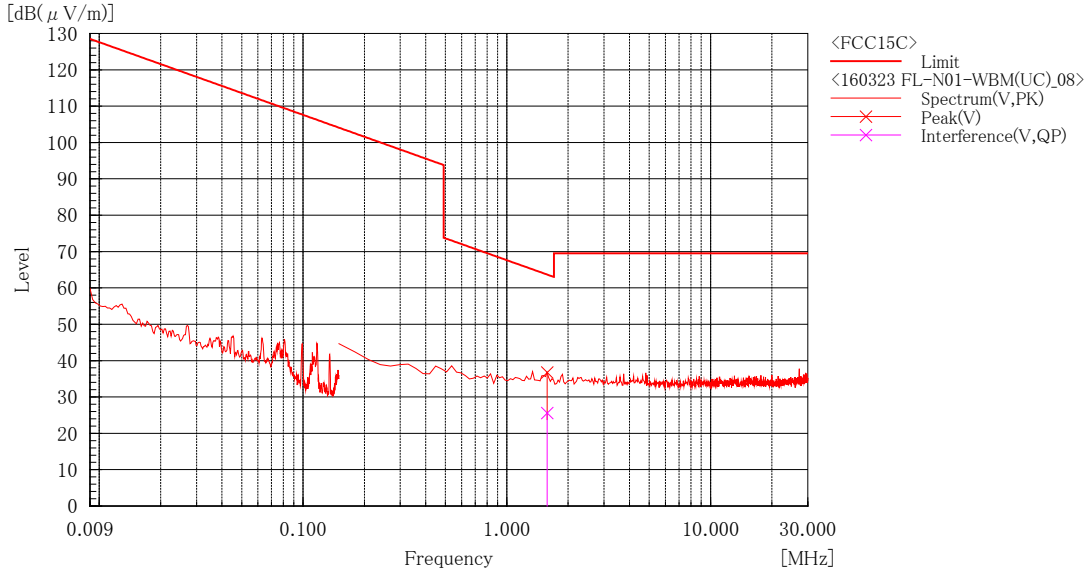
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.544	5.8	19.9	25.7	63.9	38.2	100.0	144.0

[IEEE802.11g(9 Mbps)/2462MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 53%	Remark4	: 11g_9M



Final Result

--- Vertical Polarization (QP)---

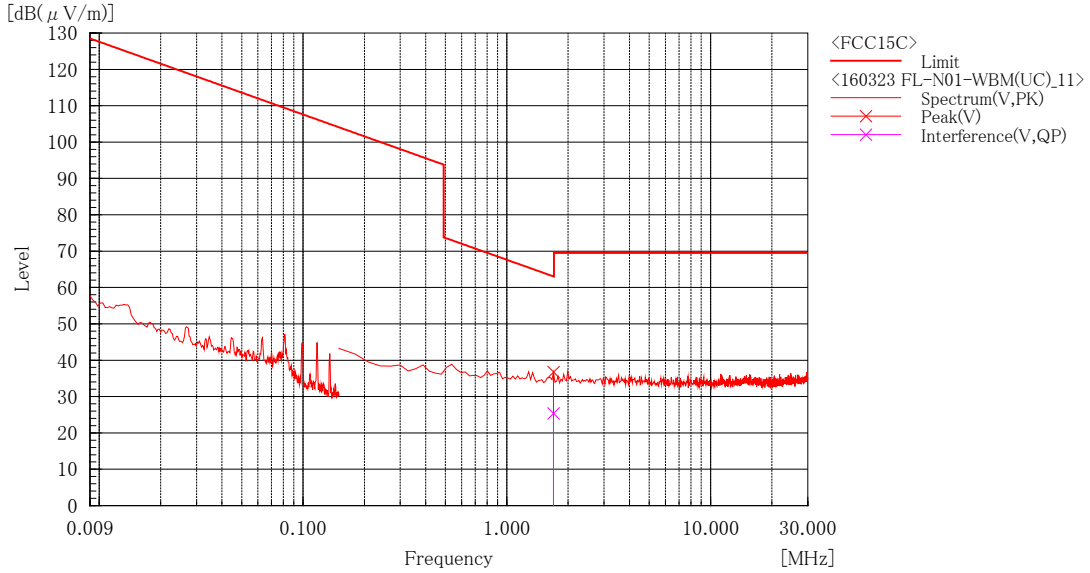
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.578	5.7	19.9	25.6	63.7	38.1	100.0	328.0

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Vertical Polarization (QP)---

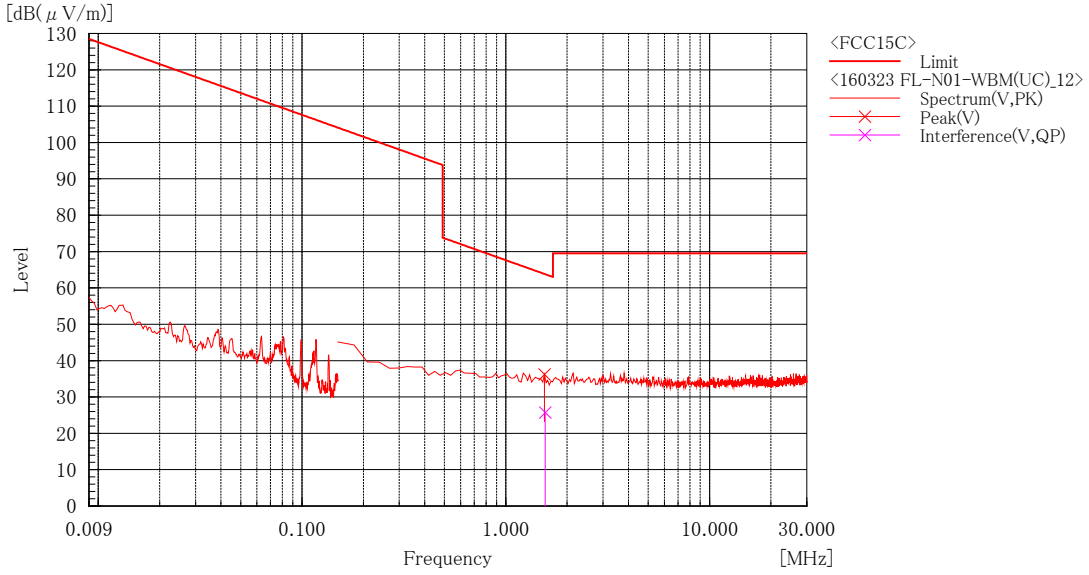
No.	Frequency [MHz]	Reading [dBμV]	c.f [dB(1/m)]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]
1	1.693	5.5	19.9	25.4	63.1	37.7	100.0	90.7

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Vertical Polarization (QP)---

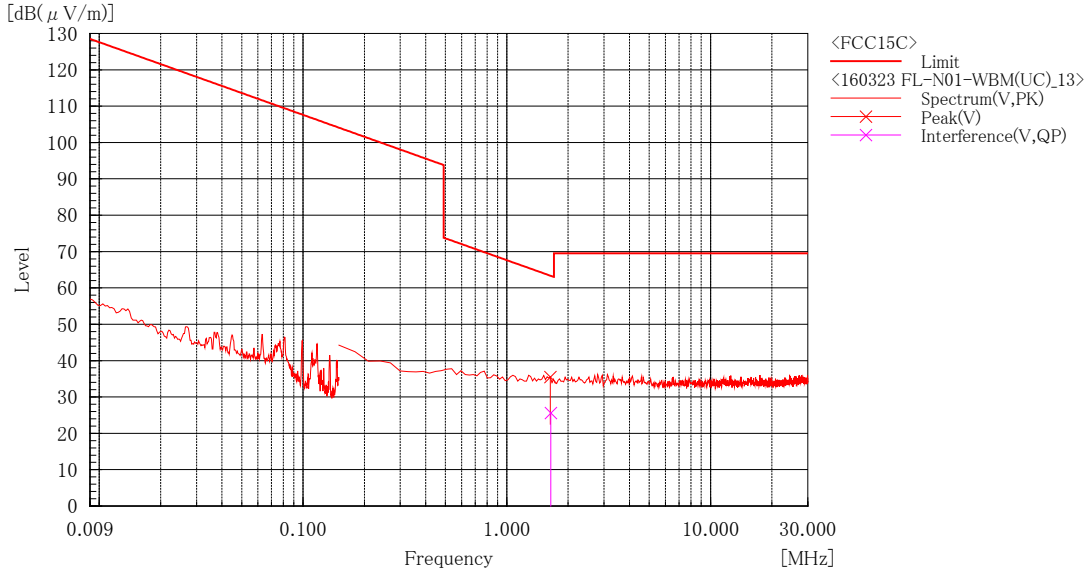
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.562	5.8	19.9	25.7	63.8	38.1	100.0	342.0

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C_15.209 (3m)
Serial	: c62e	Remark1	: 90
Operator	: M.KOUGA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Vertical Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	1.642	5.7	19.9	25.6	63.3	37.7	100.0	137.1

30 MHz - 1000 MHz

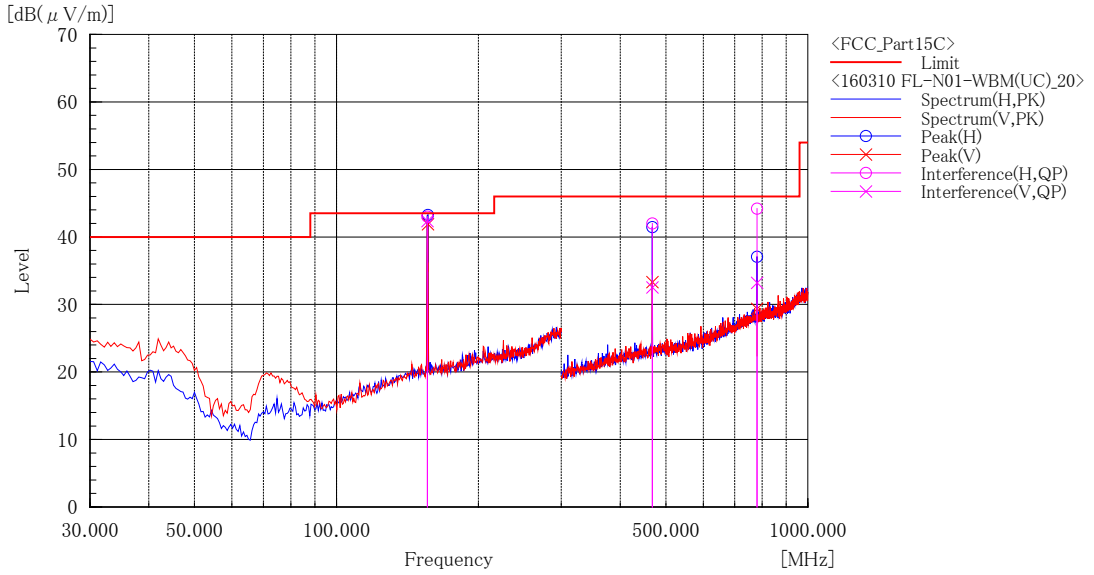
1) Date of measurement : March 10, 2016

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 51%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.8	-11.8	43.0	43.5	0.5	196.3	88.9
2	468.001	51.2	-9.2	42.0	46.0	4.0	221.7	59.5
3	780.002	48.1	-3.9	44.2	46.0	1.8	100.0	245.0

--- Vertical Polarization (QP)---

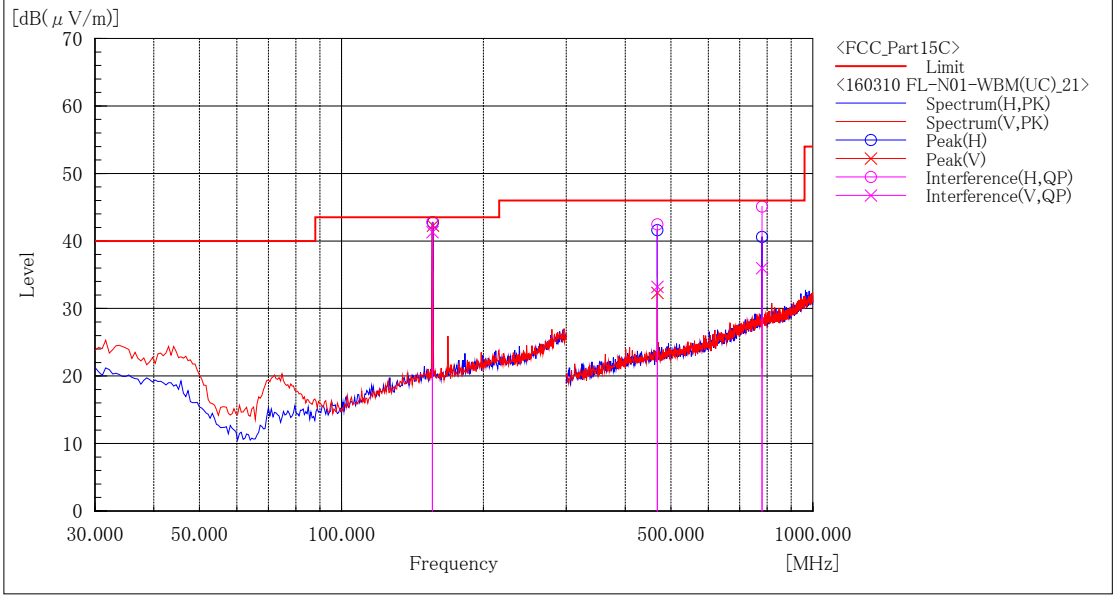
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.1	-11.8	42.3	43.5	1.2	100.0	248.5
2	468.000	41.7	-9.2	32.5	46.0	13.5	190.0	181.0
3	780.000	37.1	-3.9	33.2	46.0	12.8	139.5	244.4

[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 51%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.6	-11.8	42.8	43.5	0.7	181.0	82.2
2	468.002	51.7	-9.2	42.5	46.0	3.5	205.9	72.0
3	780.002	49.0	-3.9	45.1	46.0	0.9	100.0	53.0

--- Vertical Polarization (QP)---

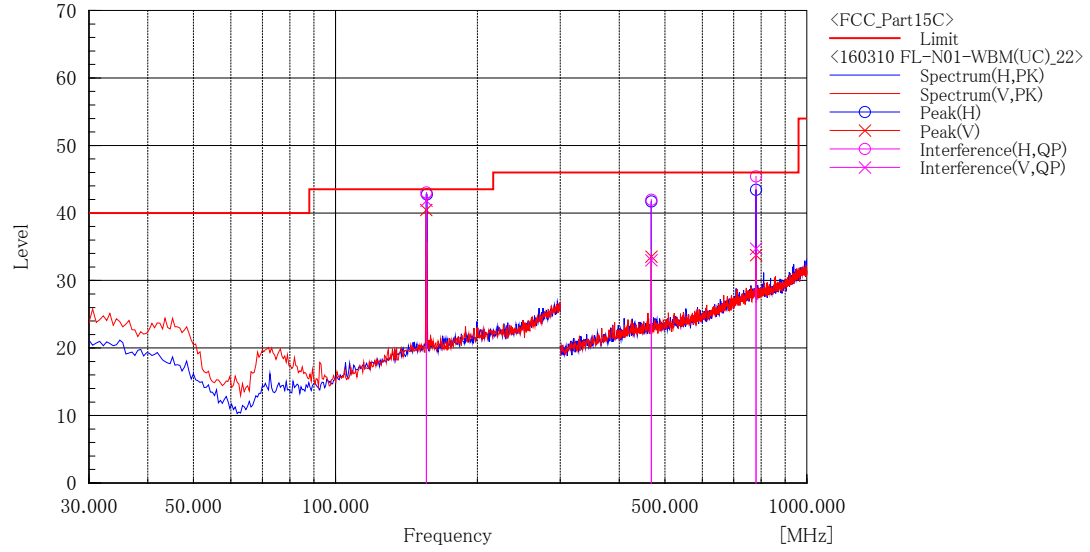
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	155.998	53.1	-11.8	41.3	43.5	2.2	100.0	252.3
2	468.002	42.4	-9.2	33.2	46.0	12.8	200.0	166.0
3	780.000	39.9	-3.9	36.0	46.0	10.0	190.3	113.7

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 51%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.002	54.9	-11.8	43.1	43.5	0.4	220.0	94.0
2	467.999	51.2	-9.2	42.0	46.0	4.0	198.0	75.8
3	780.001	49.3	-3.9	45.4	46.0	0.6	100.0	57.5

--- Vertical Polarization (QP)---

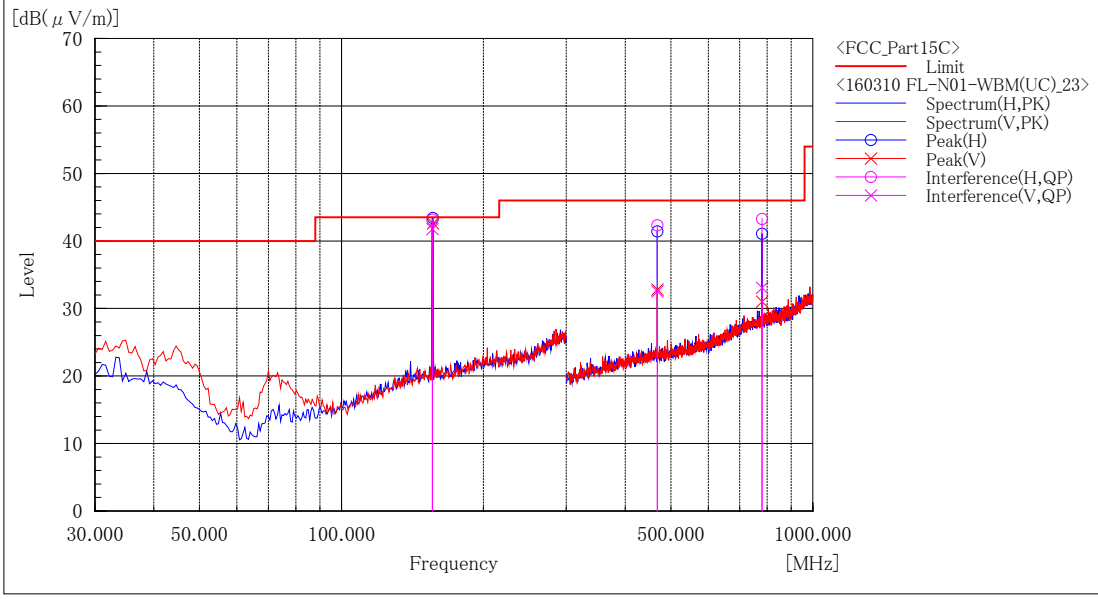
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.001	53.6	-11.8	41.8	43.5	1.7	100.0	242.6
2	468.001	42.2	-9.2	33.0	46.0	13.0	191.0	151.0
3	780.000	38.6	-3.9	34.7	46.0	11.3	193.4	101.5

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 51%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.9	-11.8	43.1	43.5	0.4	188.1	99.0
2	468.000	51.5	-9.2	42.3	46.0	3.7	207.6	78.1
3	780.004	47.2	-3.9	43.3	46.0	2.7	100.0	50.0

--- Vertical Polarization (QP)---

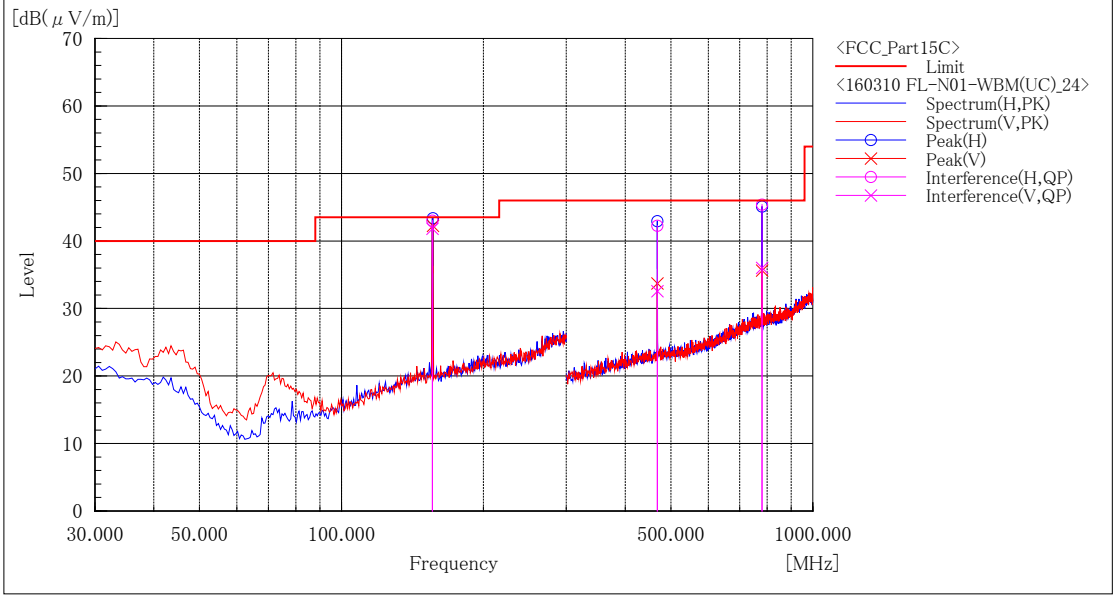
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	53.6	-11.8	41.8	43.5	1.7	100.0	238.0
2	468.000	41.7	-9.2	32.5	46.0	13.5	198.0	152.1
3	780.000	37.0	-3.9	33.1	46.0	12.9	100.0	113.4

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 51%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.8	-11.8	43.0	43.5	0.5	177.7	101.0
2	468.000	51.5	-9.2	42.3	46.0	3.7	205.1	79.3
3	780.002	49.3	-3.9	45.4	46.0	0.6	100.0	58.5

--- Vertical Polarization (QP)---

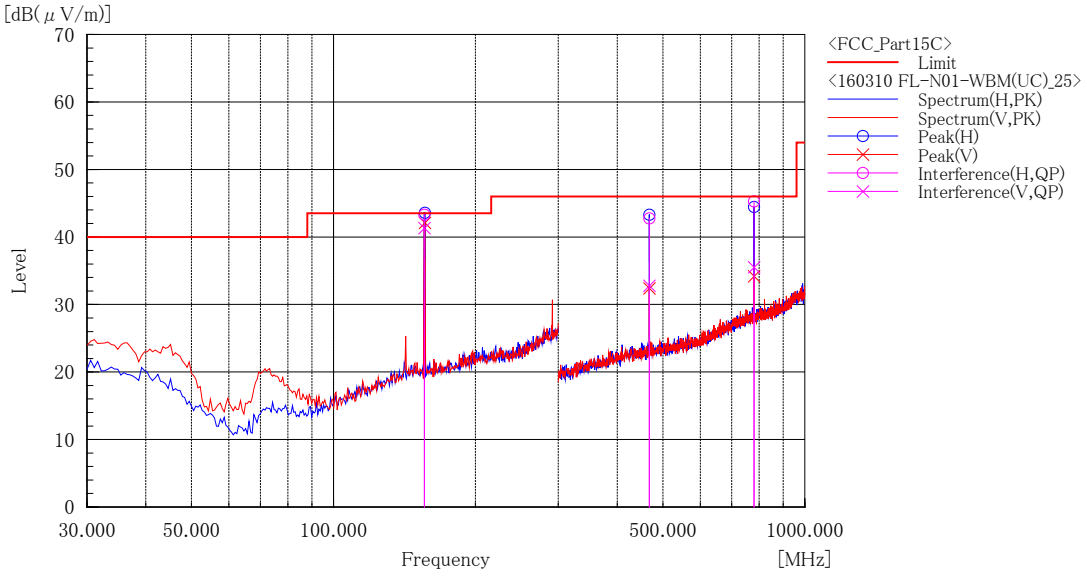
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	53.6	-11.8	41.8	43.5	1.7	100.0	255.0
2	467.996	41.8	-9.2	32.6	46.0	13.4	219.8	158.6
3	780.008	39.9	-3.9	36.0	46.0	10.0	186.1	115.0

[IEEE802.11g(9 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 51%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	55.1	-11.8	43.3	43.5	0.2	178.0	107.4
2	468.002	52.0	-9.2	42.8	46.0	3.2	208.1	74.0
3	780.000	49.2	-3.9	45.3	46.0	0.7	100.0	59.0

--- Vertical Polarization (QP)---

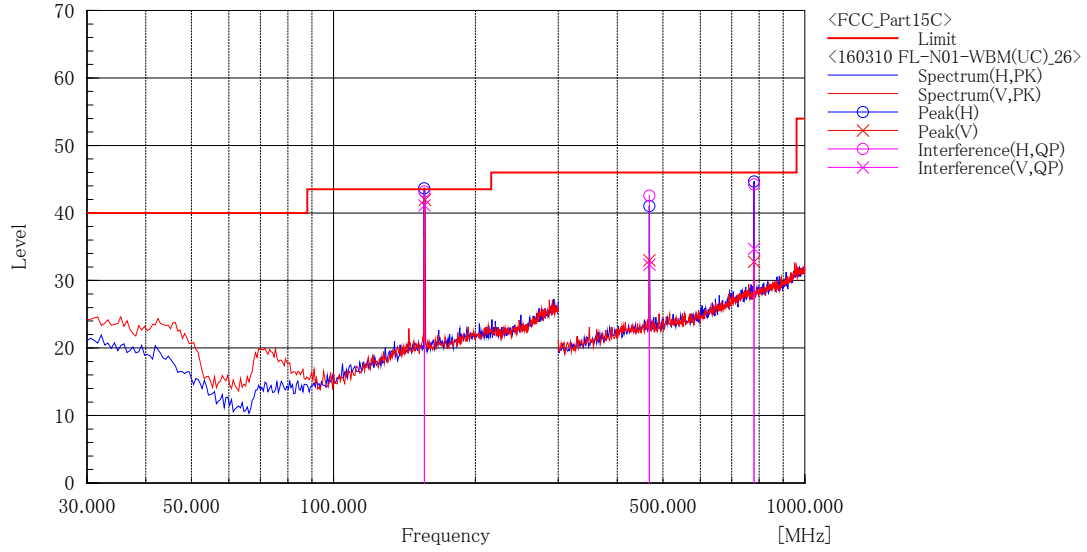
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	155.998	53.1	-11.8	41.3	43.5	2.2	100.0	243.0
2	467.994	42.0	-9.2	32.8	46.0	13.2	214.2	162.1
3	780.000	39.4	-3.9	35.5	46.0	10.5	177.0	112.8

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 51%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	55.0	-11.8	43.2	43.5	0.3	187.0	93.2
2	468.000	51.8	-9.2	42.6	46.0	3.4	207.6	65.6
3	780.004	48.1	-3.9	44.2	46.0	1.8	100.0	63.1

--- Vertical Polarization (QP)---

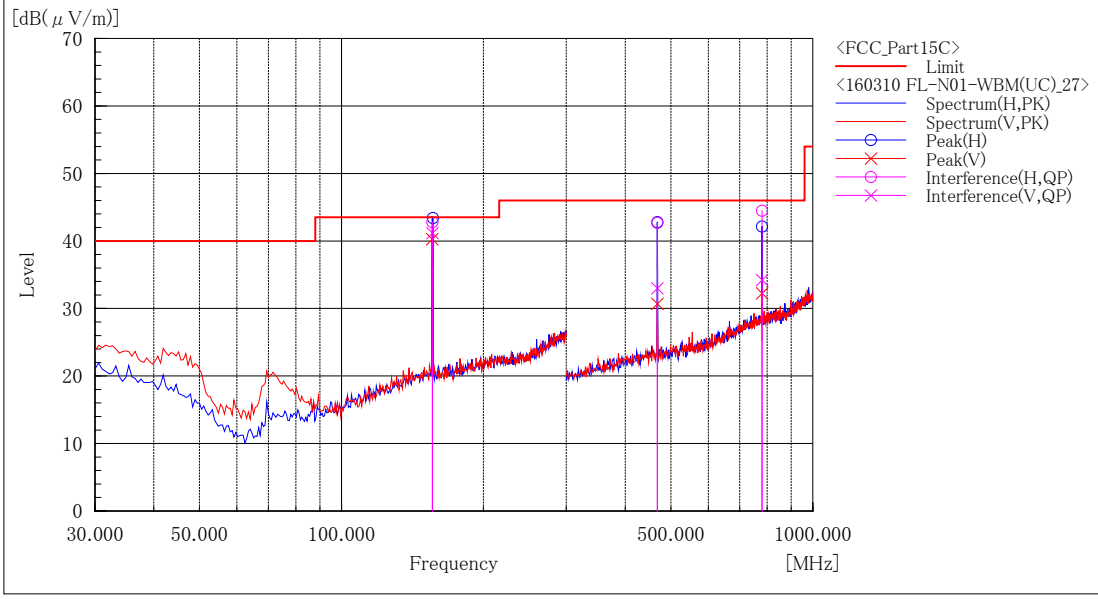
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	52.9	-11.8	41.1	43.5	2.4	100.0	241.0
2	467.996	41.6	-9.2	32.4	46.0	13.6	211.8	149.0
3	779.980	38.6	-3.9	34.7	46.0	11.3	183.0	110.5

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 51%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.6	-11.8	42.8	43.5	0.7	165.0	86.6
2	468.001	51.9	-9.2	42.7	46.0	3.3	194.5	74.0
3	780.010	48.4	-3.9	44.5	46.0	1.5	100.0	59.0

--- Vertical Polarization (QP)---

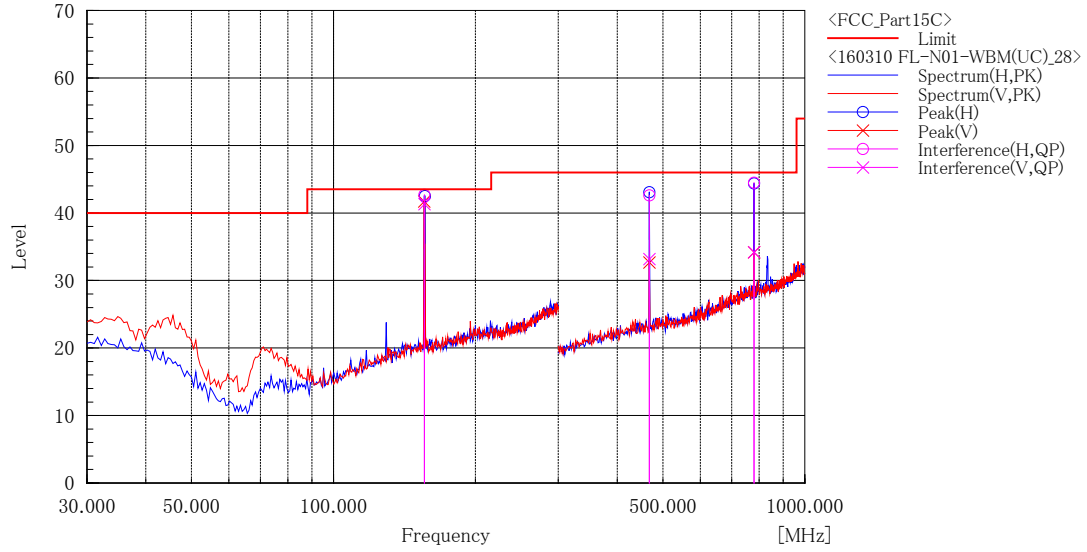
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	53.0	-11.8	41.2	43.5	2.3	100.0	239.5
2	468.000	42.2	-9.2	33.0	46.0	13.0	198.0	147.9
3	780.020	38.1	-3.9	34.2	46.0	11.8	179.6	110.3

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 51%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	54.5	-11.8	42.7	43.5	0.8	161.2	91.3
2	468.001	51.8	-9.2	42.6	46.0	3.4	194.6	70.0
3	780.010	48.4	-3.9	44.5	46.0	1.5	100.0	60.9

--- Vertical Polarization (QP)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	156.000	53.1	-11.8	41.3	43.5	2.2	100.0	235.6
2	468.000	42.4	-9.2	33.2	46.0	12.8	198.3	154.0
3	780.000	38.1	-3.9	34.2	46.0	11.8	180.0	111.0

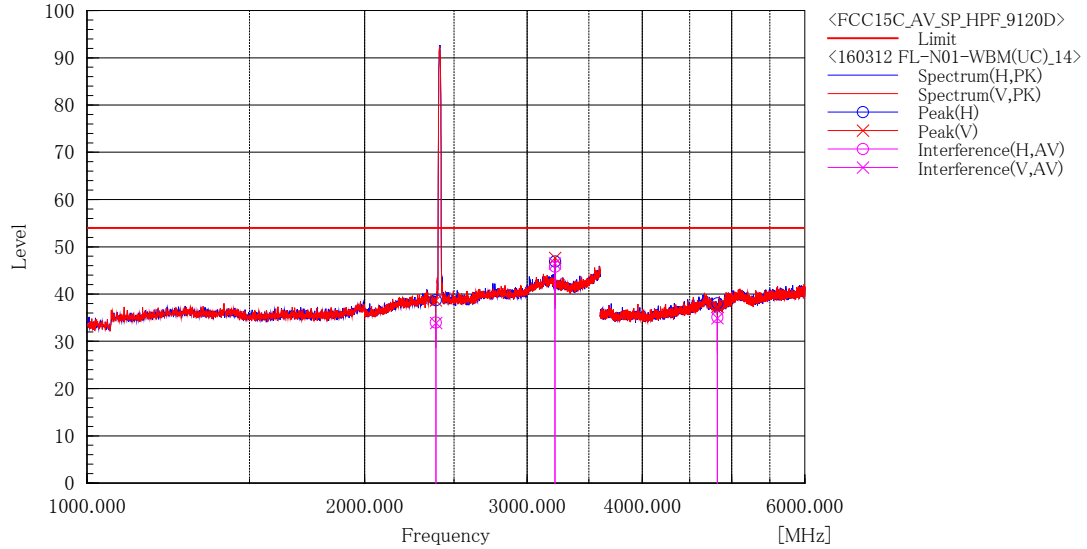
1GHz - 6 GHz

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.081	35.4	-1.4	34.0	54.0	20.0	100.0	183.4
2	3216.046	45.0	0.8	45.8	54.0	8.2	376.6	140.2
3	4824.008	32.1	3.0	35.1	54.0	18.9	179.1	155.0

--- Vertical Polarization (AV)---

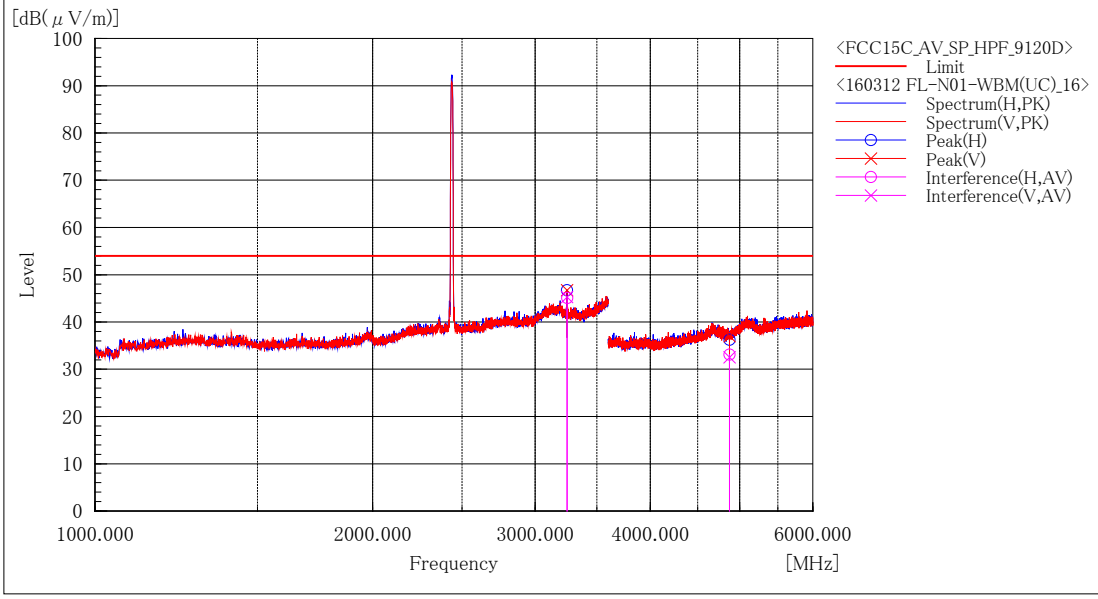
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.719	35.3	-1.4	33.9	54.0	20.1	100.0	155.0
2	3215.951	45.7	0.8	46.5	54.0	7.5	374.9	80.9
3	4824.006	31.9	3.0	34.9	54.0	19.1	366.4	279.3

[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.349	44.5	0.6	45.1	54.0	8.9	363.9	341.0
2	4874.192	30.2	2.9	33.1	54.0	20.9	159.5	141.9

--- Vertical Polarization (AV)---

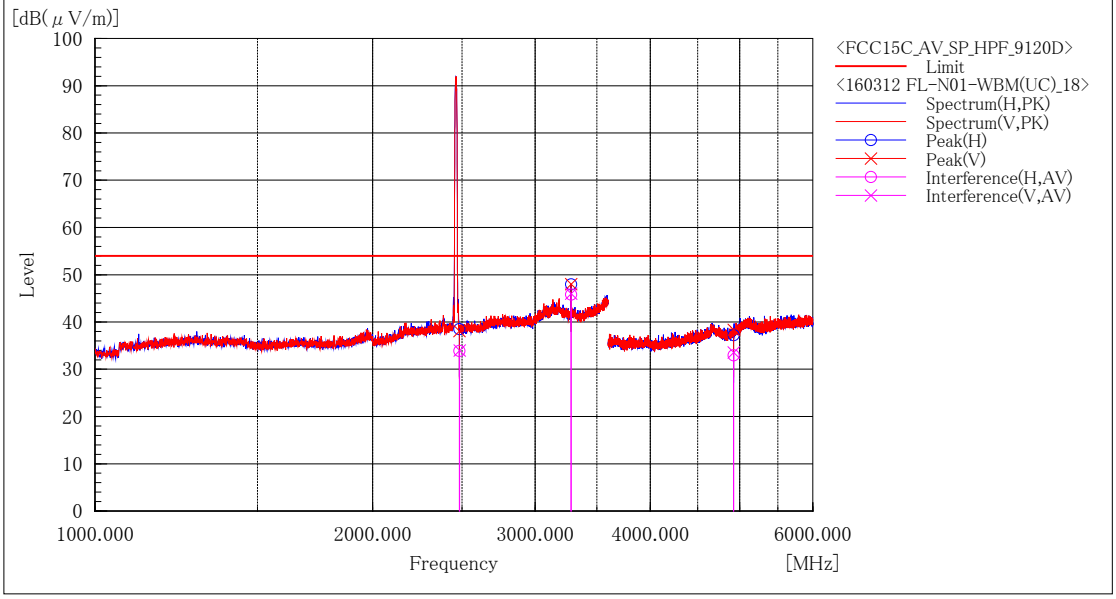
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.287	44.7	0.6	45.3	54.0	8.7	393.0	85.0
2	4874.505	29.6	2.9	32.5	54.0	21.5	379.5	269.9

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.631	35.2	-1.3	33.9	54.0	20.1	100.0	160.8
2	3282.680	45.4	0.4	45.8	54.0	8.2	385.9	16.6
3	4924.050	30.1	2.9	33.0	54.0	21.0	155.7	141.1

--- Vertical Polarization (AV)---

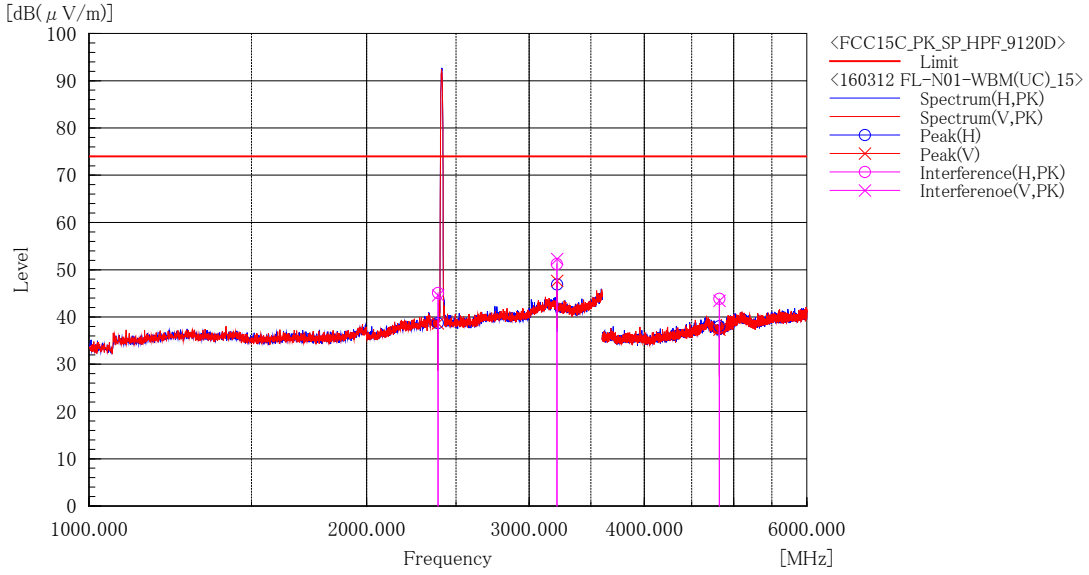
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2484.278	35.3	-1.3	34.0	54.0	20.0	100.0	176.7
2	3282.654	45.6	0.4	46.0	54.0	8.0	395.0	91.1
3	4924.046	30.7	2.9	33.6	54.0	20.5	395.0	90.9

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.974	46.5	-1.4	45.1	74.0	28.9	100.0	183.4
2	3215.827	50.4	0.8	51.2	74.0	22.8	376.6	140.2
3	4823.122	40.8	3.0	43.8	74.0	30.2	179.1	155.0

--- Vertical Polarization (PK)---

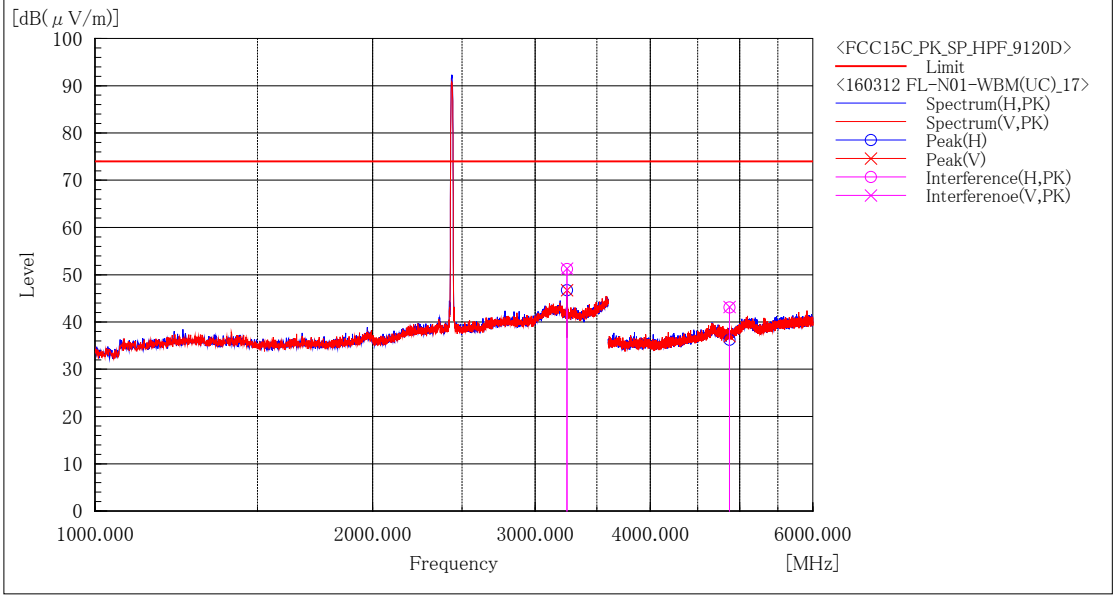
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.775	46.0	-1.4	44.6	74.0	29.4	100.0	155.0
2	3215.988	51.5	0.8	52.3	74.0	21.7	374.9	80.9
3	4823.844	40.4	3.0	43.4	74.0	30.6	366.4	279.3

[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.278	50.6	0.6	51.2	74.0	22.8	363.9	341.0
2	4874.130	40.2	2.9	43.1	74.0	30.9	159.5	141.9

--- Vertical Polarization (PK)---

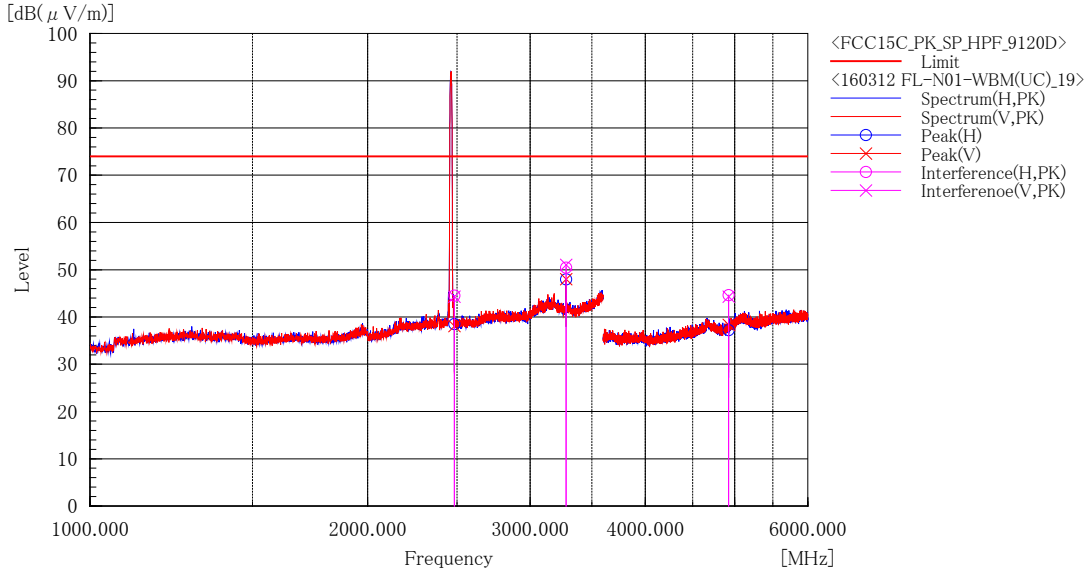
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.206	50.7	0.6	51.3	74.0	22.7	393.0	85.0
2	4874.018	40.3	2.9	43.2	74.0	30.8	379.5	269.9

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.587	45.8	-1.3	44.5	74.0	29.5	100.0	160.8
2	3282.545	50.0	0.4	50.4	74.0	23.6	385.9	16.6
3	4923.860	41.7	2.9	44.6	74.0	29.4	155.7	141.1

--- Vertical Polarization (PK)---

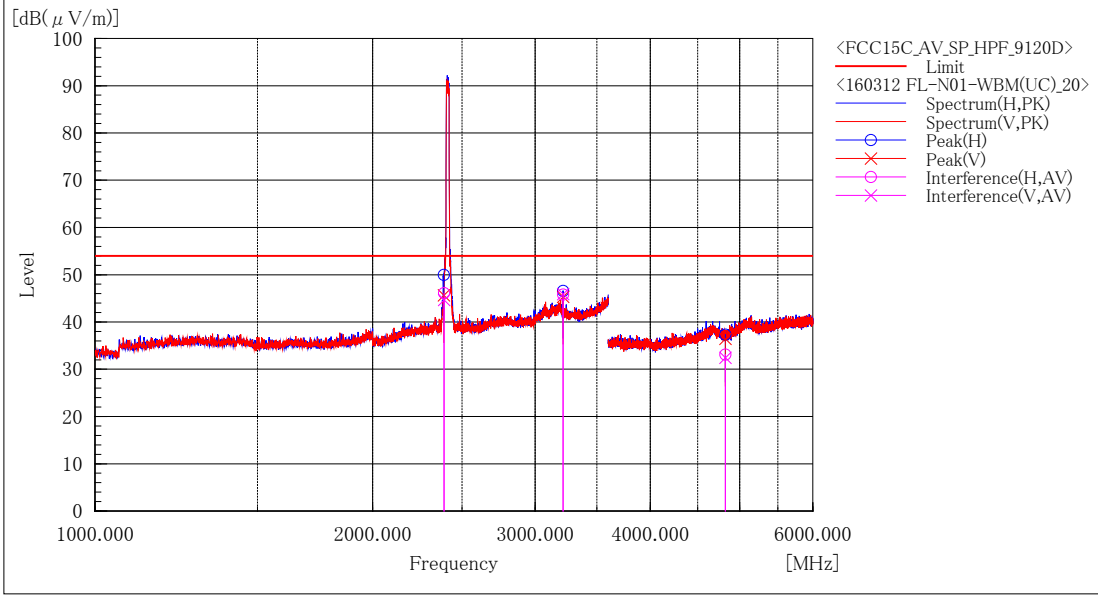
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.626	45.6	-1.3	44.3	74.0	29.7	100.0	176.7
2	3282.791	50.7	0.4	51.1	74.0	22.9	395.0	91.1
3	4924.587	41.4	2.9	44.3	74.0	29.7	395.0	91.1

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.969	47.5	-1.4	46.1	54.0	7.9	211.1	345.4
2	3216.090	45.0	0.8	45.8	54.0	8.2	377.4	141.4
3	4824.398	30.1	3.0	33.1	54.0	20.9	179.2	167.4

--- Vertical Polarization (AV)---

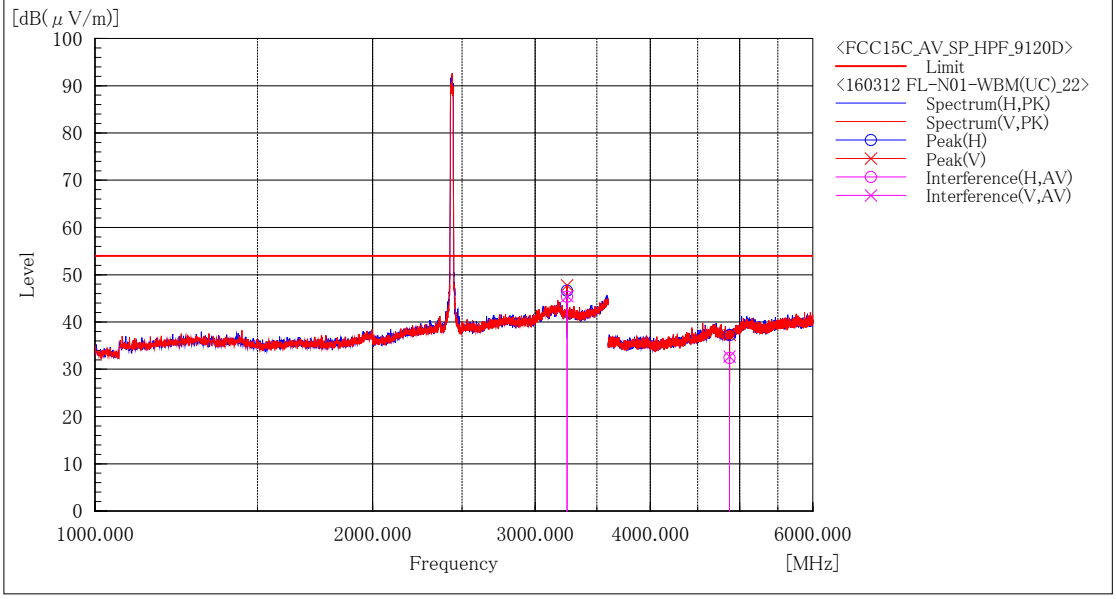
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.993	46.1	-1.4	44.7	54.0	9.3	377.0	268.5
2	3215.998	45.1	0.8	45.9	54.0	8.1	374.2	85.0
3	4824.779	29.4	3.0	32.4	54.0	21.6	355.0	244.6

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.229	44.8	0.6	45.4	54.0	8.6	361.0	348.6
2	4874.519	29.5	2.9	32.4	54.0	21.6	159.6	155.5

--- Vertical Polarization (AV)---

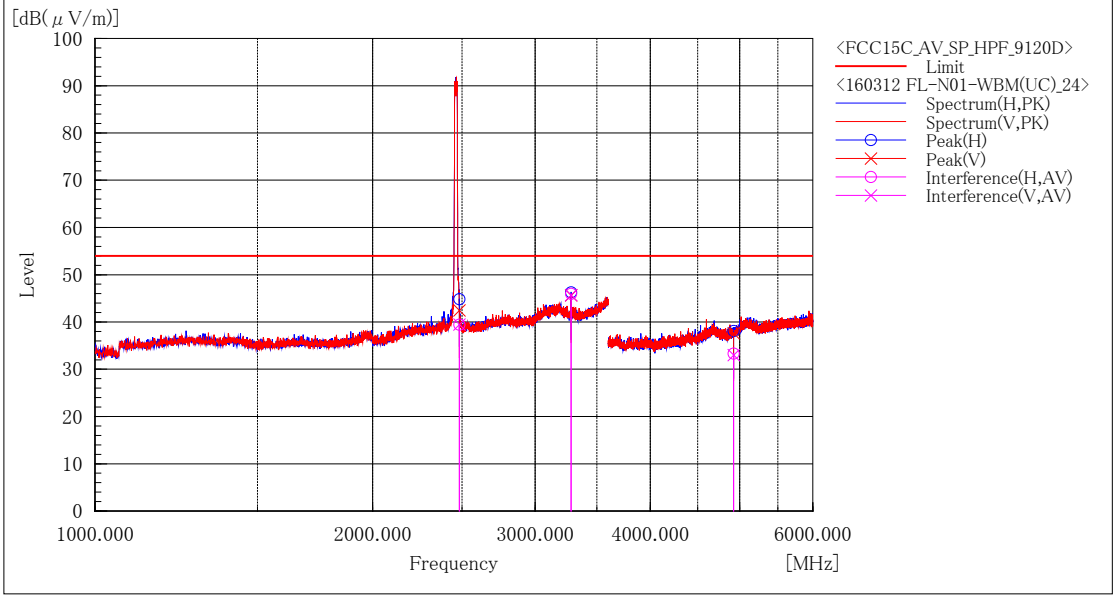
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.329	44.9	0.6	45.5	54.0	8.5	364.2	256.1
2	4874.571	29.8	2.9	32.7	54.0	21.3	369.6	264.8

[IEEE802.11g(9 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.702	40.7	-1.3	39.4	54.0	14.6	156.2	355.1
2	3282.624	45.6	0.4	46.0	54.0	8.0	385.0	165.3
3	4923.798	30.4	2.9	33.3	54.0	20.7	173.6	164.4

--- Vertical Polarization (AV)---

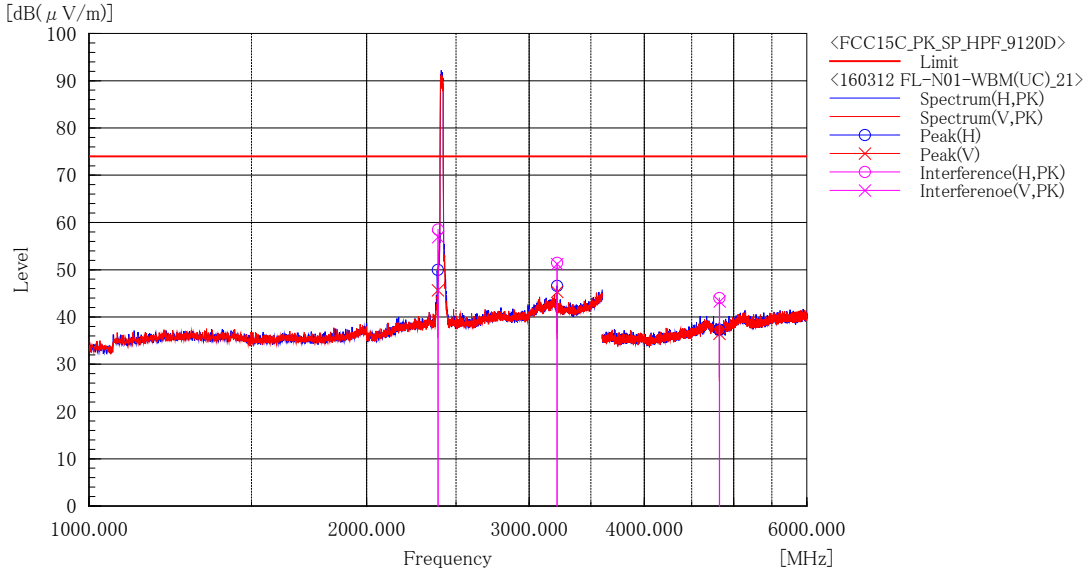
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.821	40.8	-1.3	39.5	54.0	14.5	379.5	283.0
2	3282.599	45.3	0.4	45.7	54.0	8.3	390.0	79.9
3	4923.972	30.1	2.9	33.0	54.0	21.0	337.4	24.6

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.982	59.9	-1.4	58.5	74.0	15.5	211.1	345.4
2	3216.180	50.7	0.8	51.5	74.0	22.5	377.4	141.4
3	4824.044	41.0	3.0	44.0	74.0	30.0	179.2	167.4

--- Vertical Polarization (PK)---

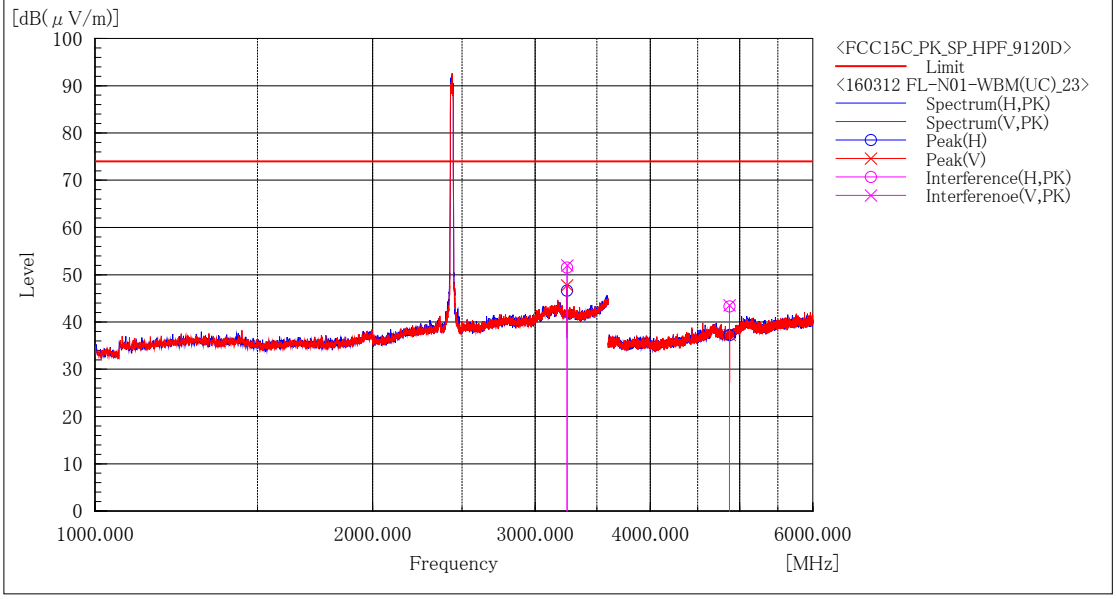
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.830	58.3	-1.4	56.9	74.0	17.1	377.0	268.5
2	3216.236	50.4	0.8	51.2	74.0	22.8	374.2	85.0
3	4824.989	40.3	3.0	43.3	74.0	30.7	355.0	244.6

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.089	50.9	0.6	51.5	74.0	22.5	361.0	348.6
2	4874.304	40.4	2.9	43.3	74.0	30.7	159.6	155.5

--- Vertical Polarization (PK)---

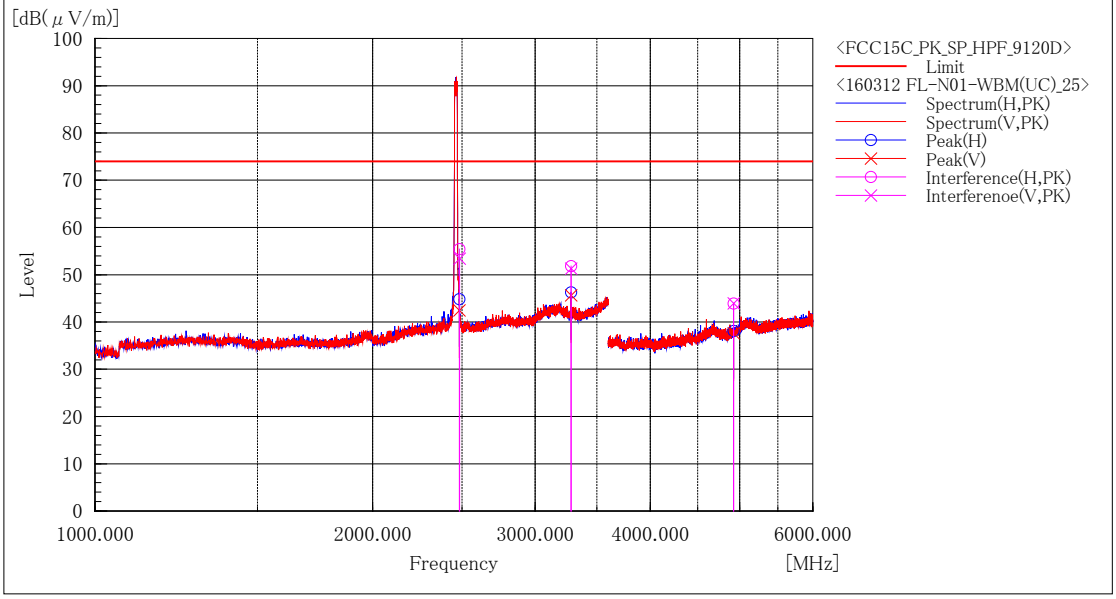
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.467	51.4	0.6	52.0	74.0	22.0	364.2	256.1
2	4873.810	40.7	2.9	43.6	74.0	30.4	369.6	264.8

[IEEE802.11g(9 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.884	56.7	-1.3	55.4	74.0	18.6	156.2	355.1
2	3282.673	51.4	0.4	51.8	74.0	22.2	385.0	165.3
3	4924.059	41.0	2.9	43.9	74.0	30.1	173.6	164.4

--- Vertical Polarization (PK)---

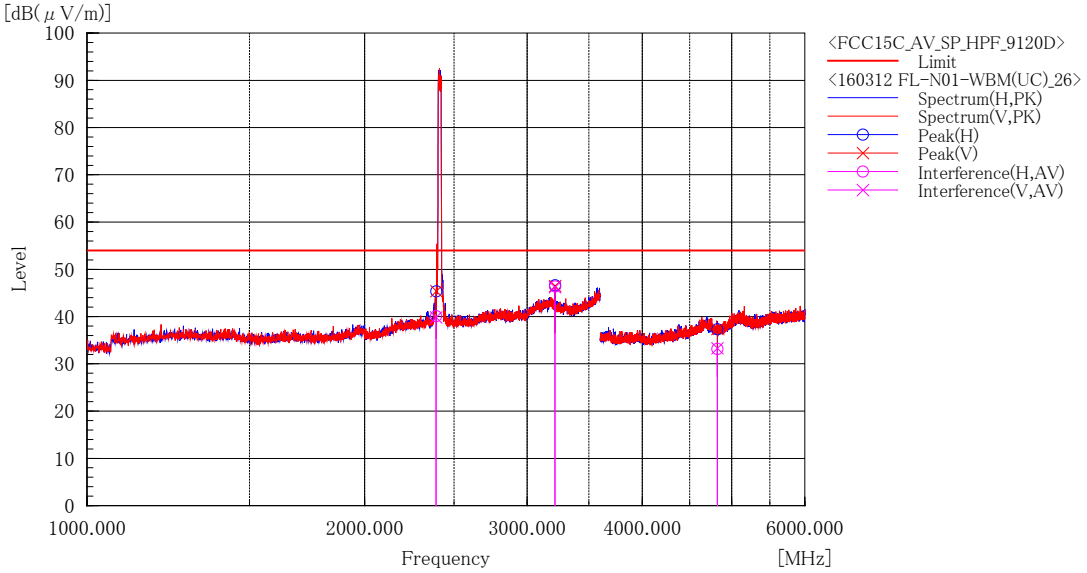
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.985	54.7	-1.3	53.4	74.0	20.6	173.6	164.4
2	3282.645	50.9	0.4	51.3	74.0	22.7	390.0	79.9
3	4923.901	41.0	2.9	43.9	74.0	30.1	337.4	24.6

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.447	41.5	-1.4	40.1	54.0	13.9	374.7	353.6
2	3216.008	45.6	0.8	46.4	54.0	7.6	399.0	153.2
3	4823.980	30.1	3.0	33.1	54.0	20.9	180.2	168.4

--- Vertical Polarization (AV)---

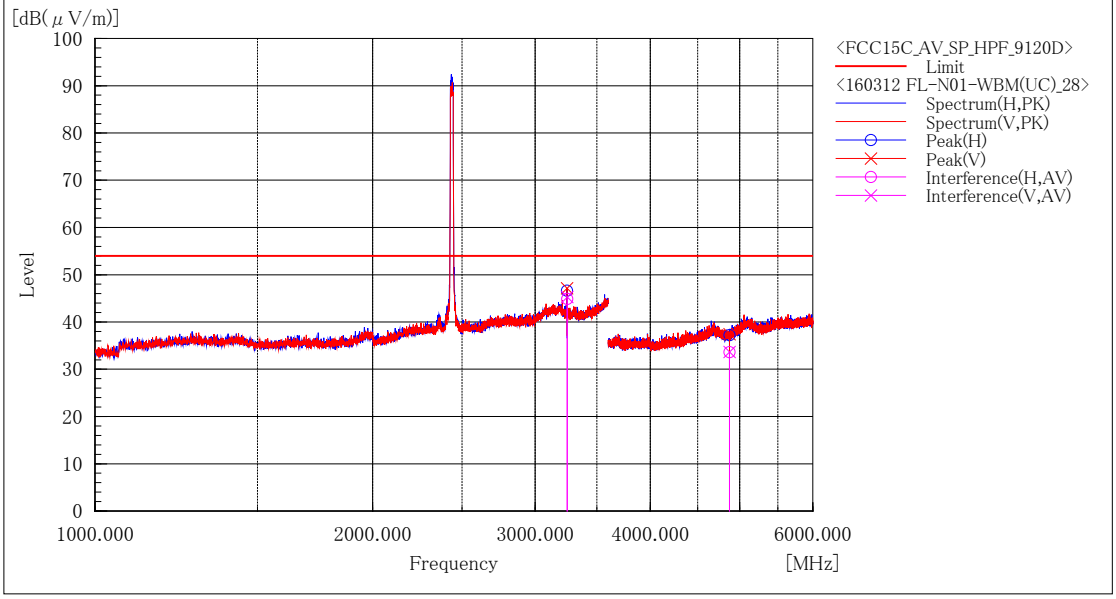
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.836	41.3	-1.4	39.9	54.0	14.1	369.2	264.1
2	3215.935	45.4	0.8	46.2	54.0	7.8	371.1	298.5
3	4823.896	30.3	3.0	33.3	54.0	20.7	155.2	70.5

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.297	44.3	0.6	44.9	54.0	9.1	361.3	336.5
2	4873.065	30.7	2.9	33.6	54.0	20.4	366.0	254.9

--- Vertical Polarization (AV)---

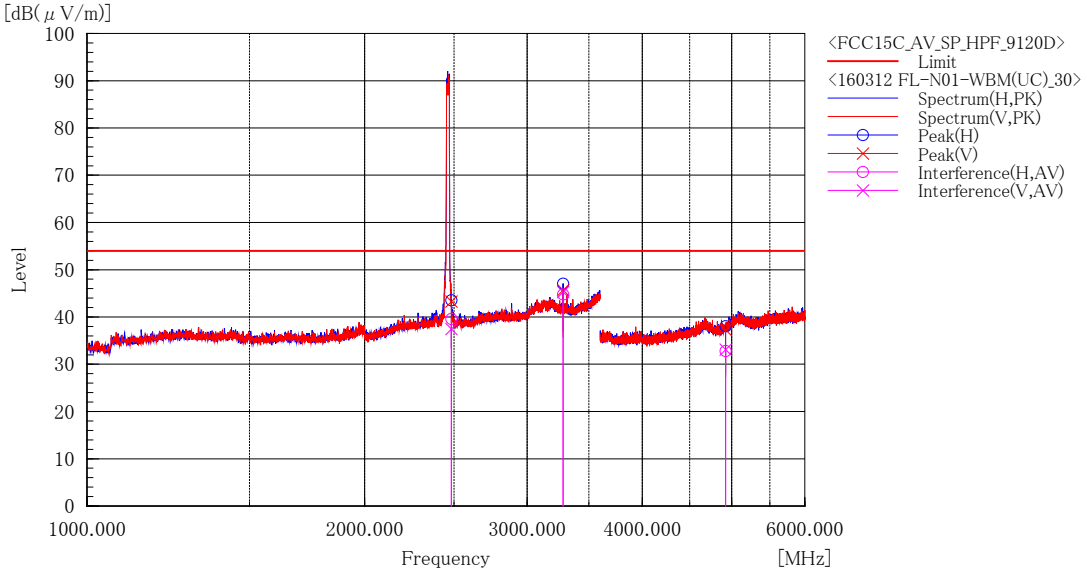
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.373	44.7	0.6	45.3	54.0	8.7	388.6	250.1
2	4874.004	30.8	2.9	33.7	54.0	20.3	156.1	132.3

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.817	40.9	-1.3	39.6	54.0	14.4	146.0	349.1
2	3282.700	44.4	0.4	44.8	54.0	9.2	280.7	132.7
3	4924.136	29.9	2.9	32.8	54.0	21.2	189.9	179.6

--- Vertical Polarization (AV)---

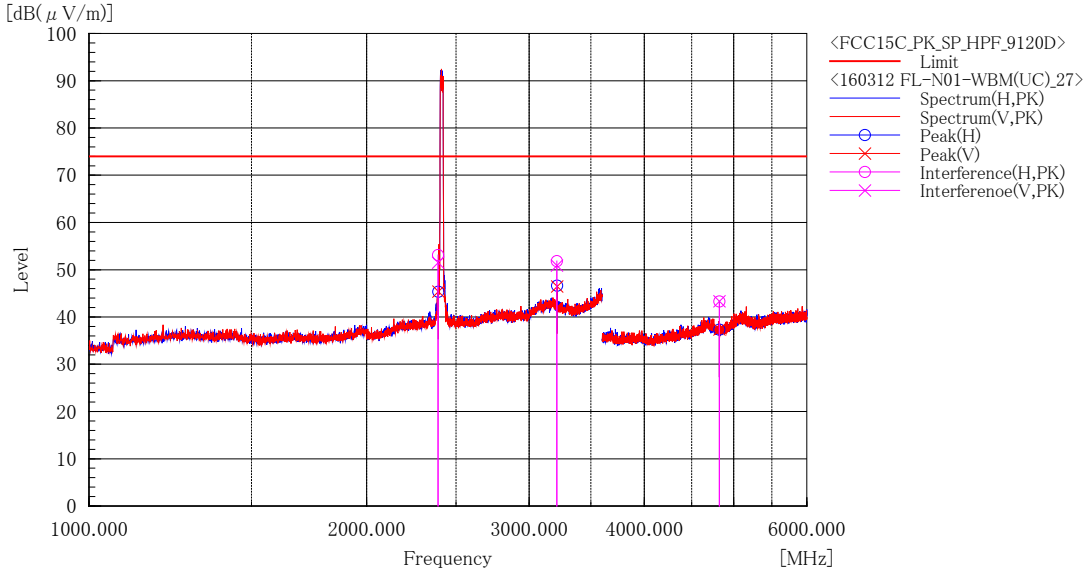
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.538	38.8	-1.3	37.5	54.0	16.5	397.0	279.2
2	3282.626	44.9	0.4	45.3	54.0	8.7	385.7	342.0
3	4924.156	30.2	2.9	33.1	54.0	20.9	327.8	252.5

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.449	54.5	-1.4	53.1	74.0	20.9	374.7	353.6
2	3215.938	51.0	0.8	51.8	74.0	22.2	399.0	153.2
3	4824.484	40.3	3.0	43.3	74.0	30.7	180.2	168.4

--- Vertical Polarization (PK)---

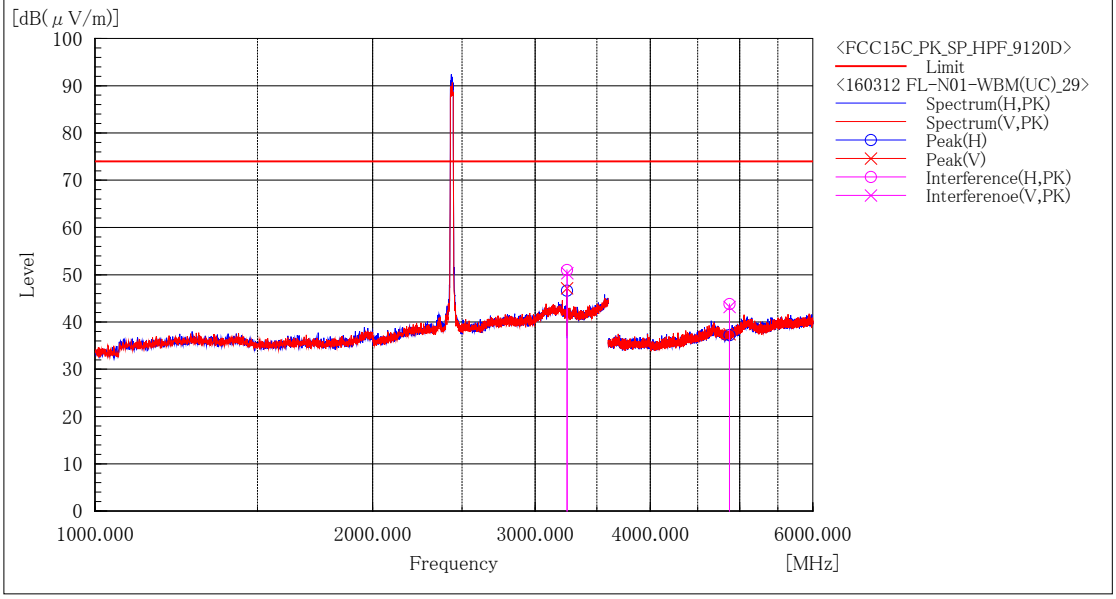
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2389.969	52.9	-1.4	51.5	74.0	22.5	369.2	264.1
2	3215.746	50.1	0.8	50.9	74.0	23.1	371.1	298.5
3	4823.700	40.4	3.0	43.4	74.0	30.6	155.2	70.5

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.121	50.4	0.6	51.0	74.0	23.0	361.3	336.5
2	4874.778	40.9	2.9	43.8	74.0	30.2	366.0	254.9

--- Vertical Polarization (PK)---

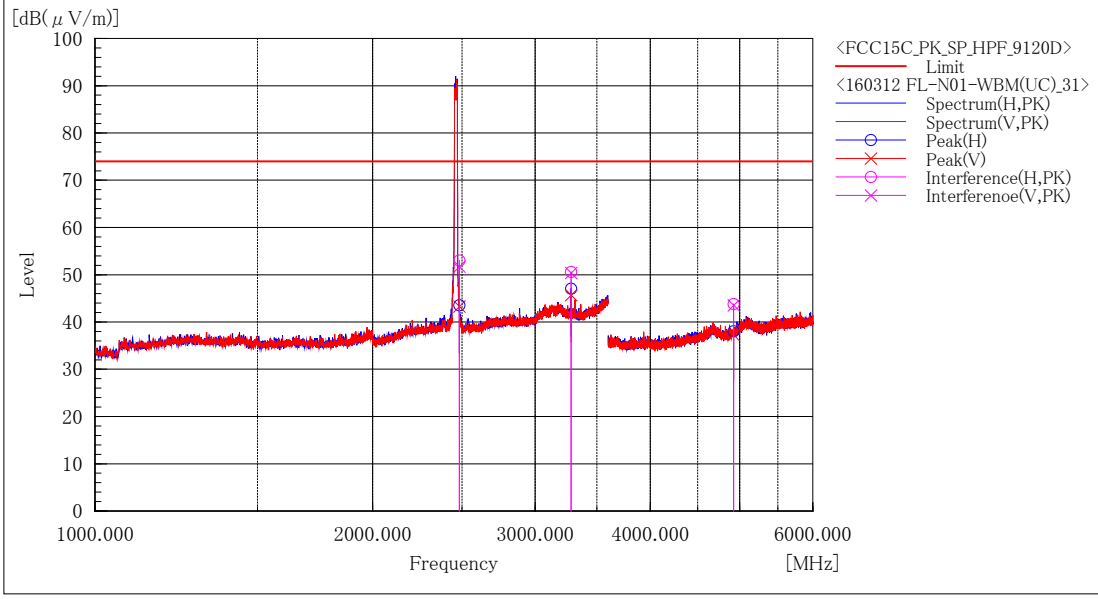
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	3249.487	49.7	0.6	50.3	74.0	23.7	388.6	250.1
2	4874.392	40.3	2.9	43.2	74.0	30.8	156.1	132.3

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: X
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 20deg / 50%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.546	54.3	-1.3	53.0	74.0	21.0	146.0	349.1
2	3282.585	50.2	0.4	50.6	74.0	23.4	280.7	132.7
3	4923.978	40.9	2.9	43.8	74.0	30.2	189.9	179.6

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	2483.533	53.0	-1.3	51.7	74.0	22.3	397.0	279.2
2	3282.401	50.0	0.4	50.4	74.0	23.6	385.7	342.0
3	4924.353	40.7	2.9	43.6	74.0	30.4	327.8	252.5

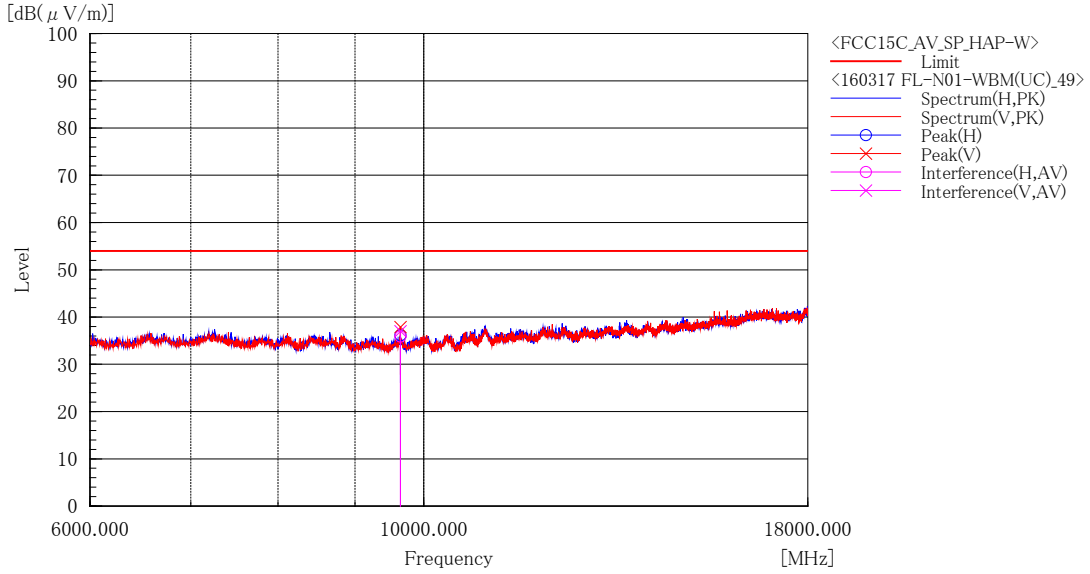
6 GHz - 18 GHz

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

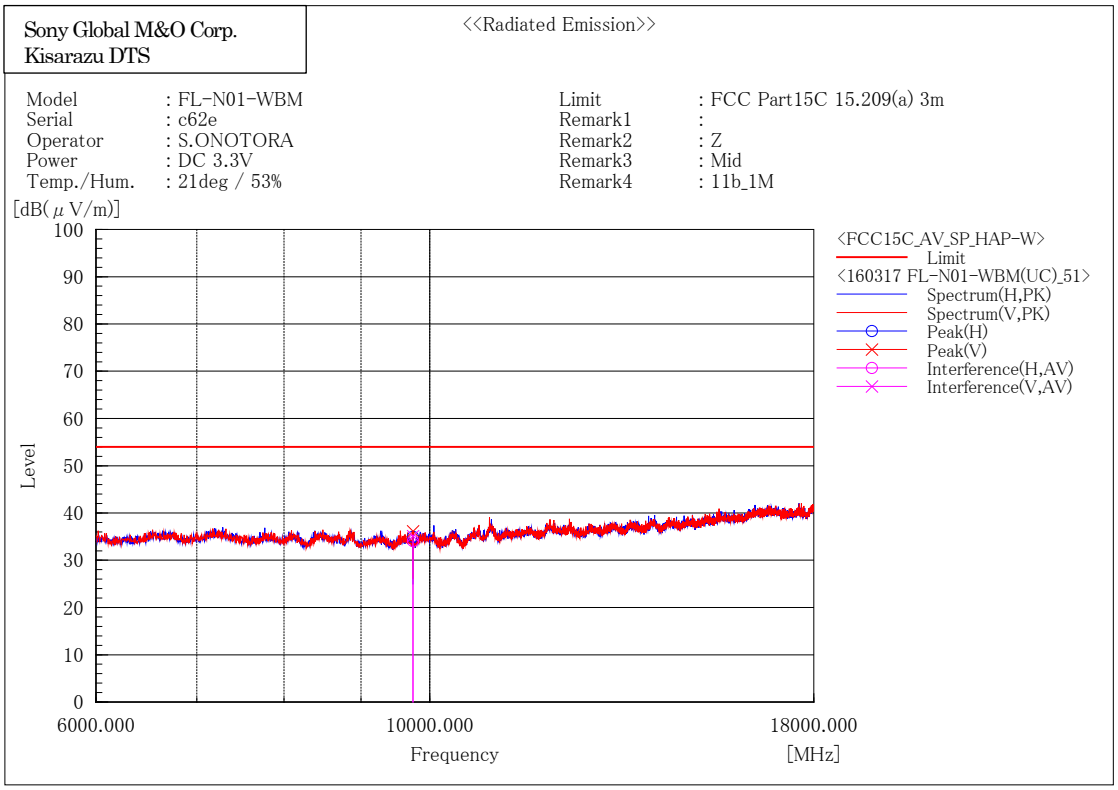
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.012	42.2	-6.3	35.9	54.0	18.1	389.4	211.3

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.055	43.3	-6.3	37.0	54.0	17.0	392.6	30.3

[IEEE802.11b(1 Mbps)/2437MHz]



Final Result

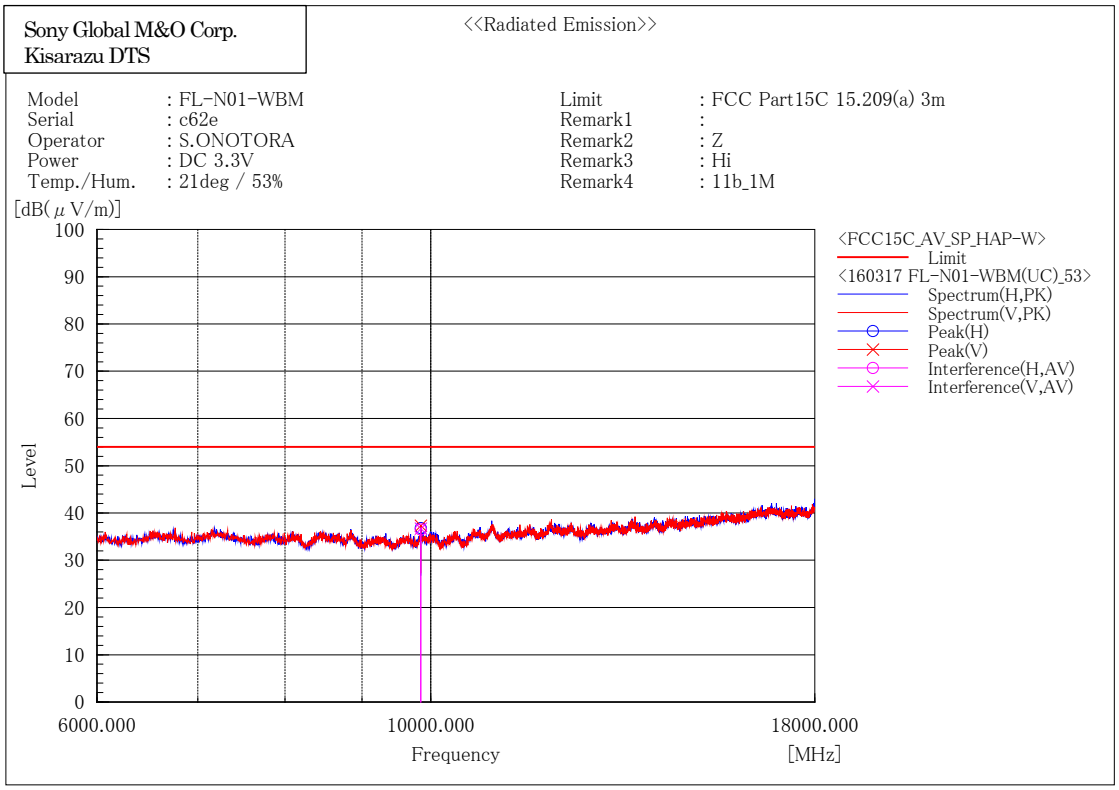
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9748.000	40.2	-6.1	34.1	54.0	19.9	146.0	13.6

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9748.020	41.2	-6.1	35.1	54.0	18.9	308.8	13.7

[IEEE802.11b(1 Mbps)/2462MHz]



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.990	42.4	-5.9	36.5	54.0	17.5	101.0	17.8

--- Vertical Polarization (AV)---

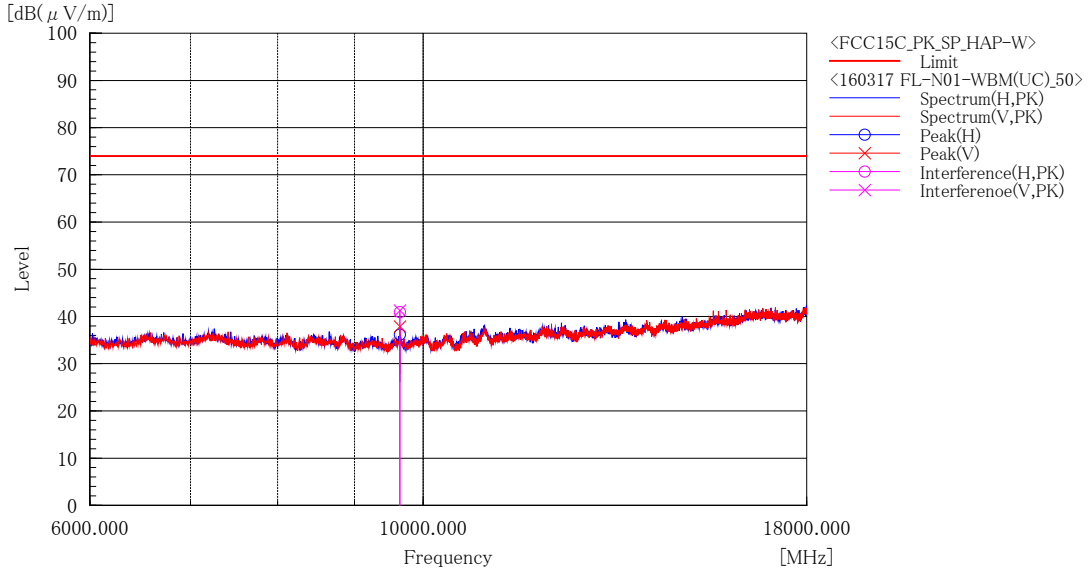
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.978	42.6	-5.9	36.7	54.0	17.3	349.0	325.6

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

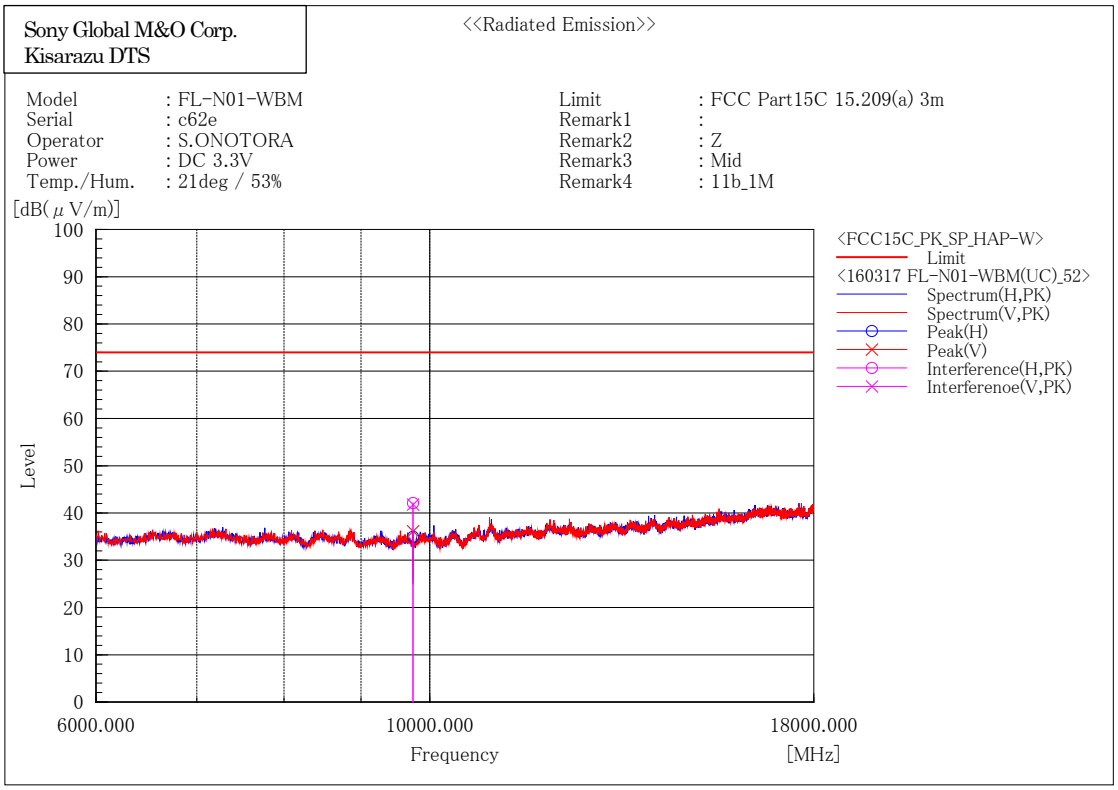
--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.900	47.2	-6.3	40.9	74.0	33.1	389.4	211.3

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.006	47.6	-6.3	41.3	74.0	32.7	392.6	30.2

[IEEE802.11b(1 Mbps)/2437MHz]



Final Result

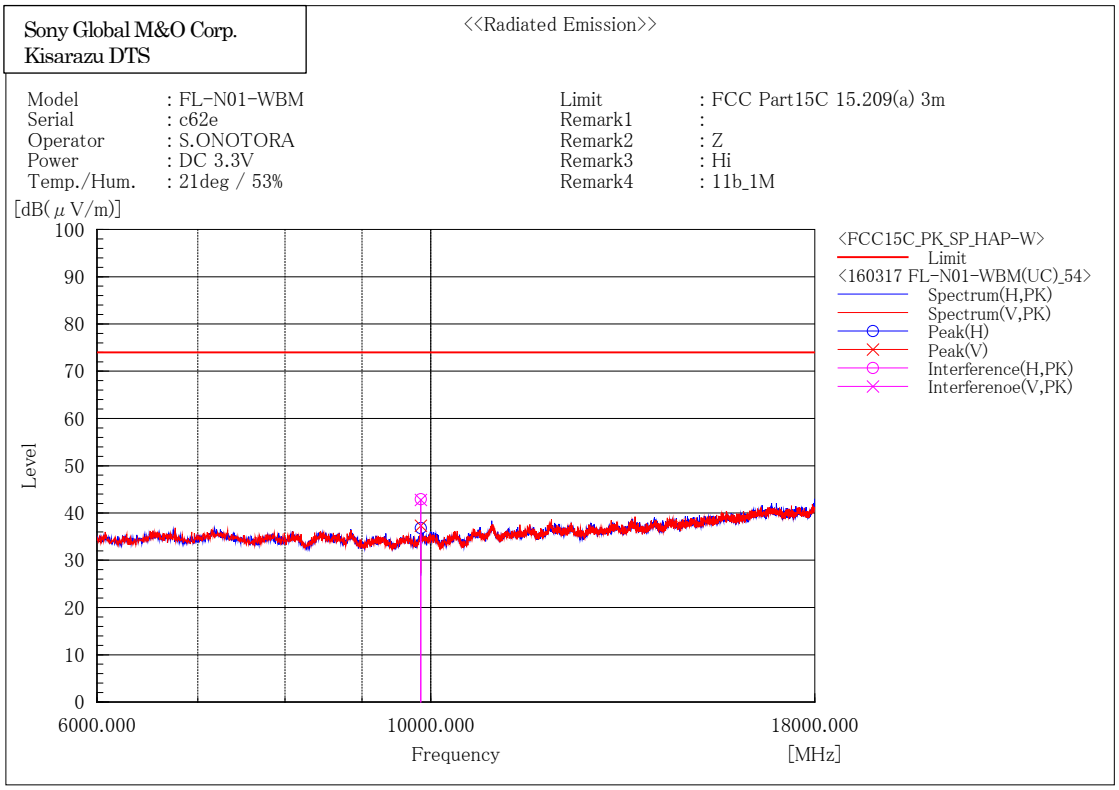
--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.966	48.2	-6.1	42.1	74.0	31.9	146.0	13.7

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.896	47.9	-6.1	41.8	74.0	32.2	308.8	13.7

[IEEE802.11b(1 Mbps)/2462MHz]



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9848.211	48.8	-5.9	42.9	74.0	31.1	101.0	17.8

--- Vertical Polarization (PK)---

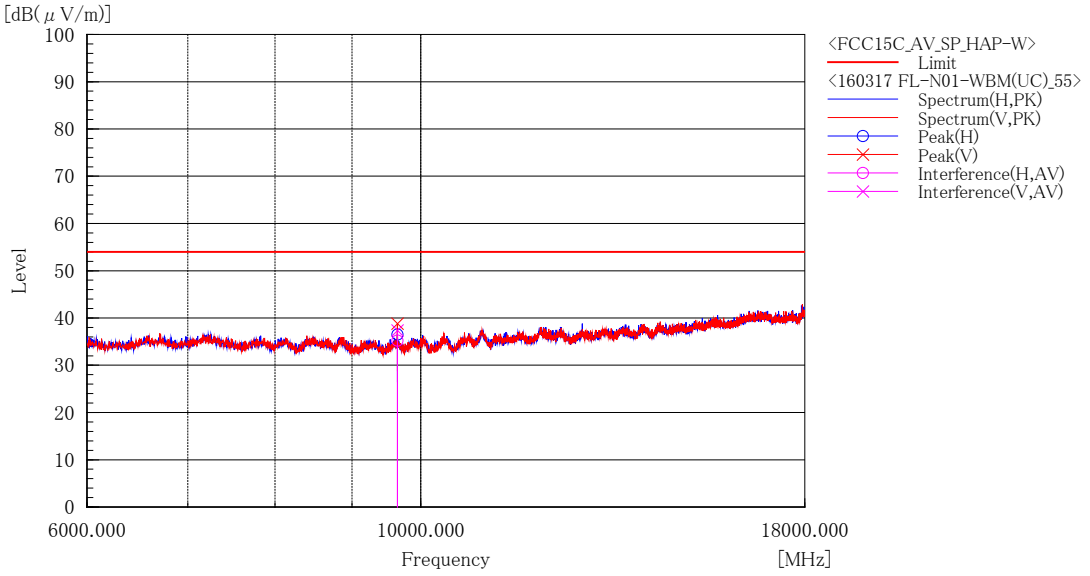
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.882	48.7	-5.9	42.8	74.0	31.2	349.0	325.6

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

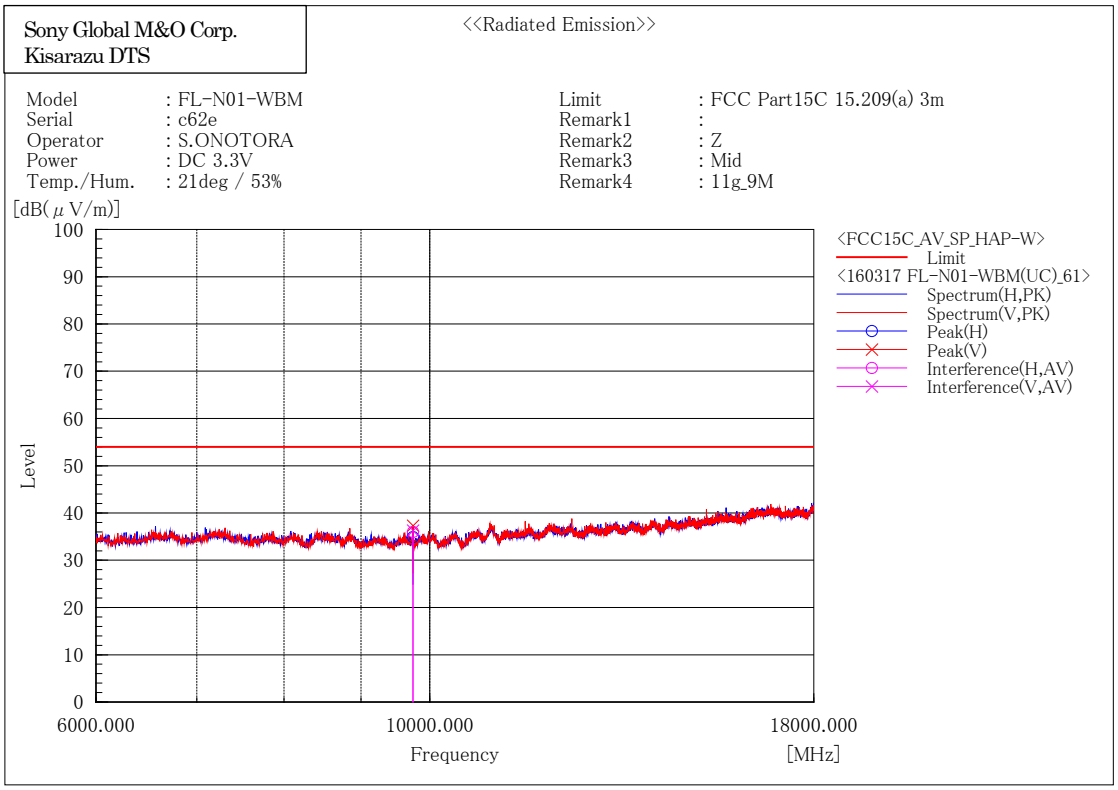
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.988	41.5	-6.3	35.2	54.0	18.8	100.0	29.3

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.001	43.7	-6.3	37.4	54.0	16.6	321.0	47.0

[IEEE802.11g(9 Mbps)/2437MHz]



Final Result

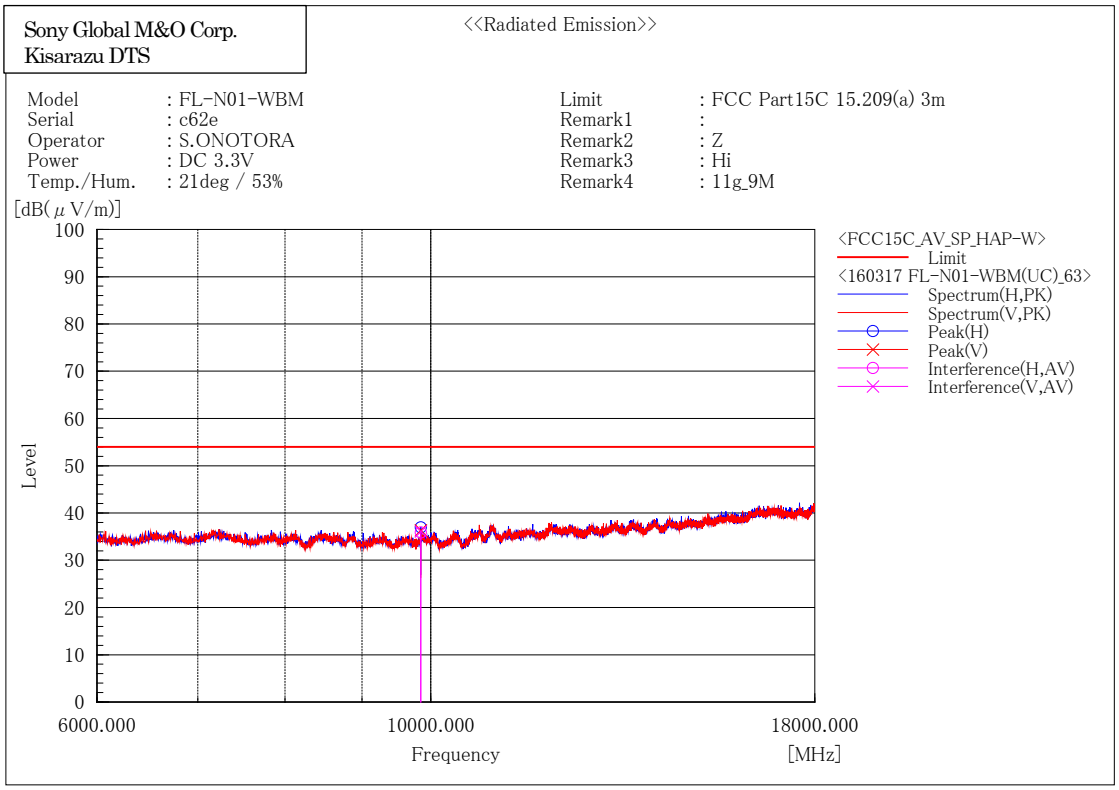
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9748.015	42.1	-6.1	36.0	54.0	18.0	155.0	74.9

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.995	42.4	-6.1	36.3	54.0	17.7	298.4	359.5

[IEEE802.11g(9 Mbps)/2462MHz]



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9848.012	41.8	-5.9	35.9	54.0	18.1	100.0	53.5

--- Vertical Polarization (AV)---

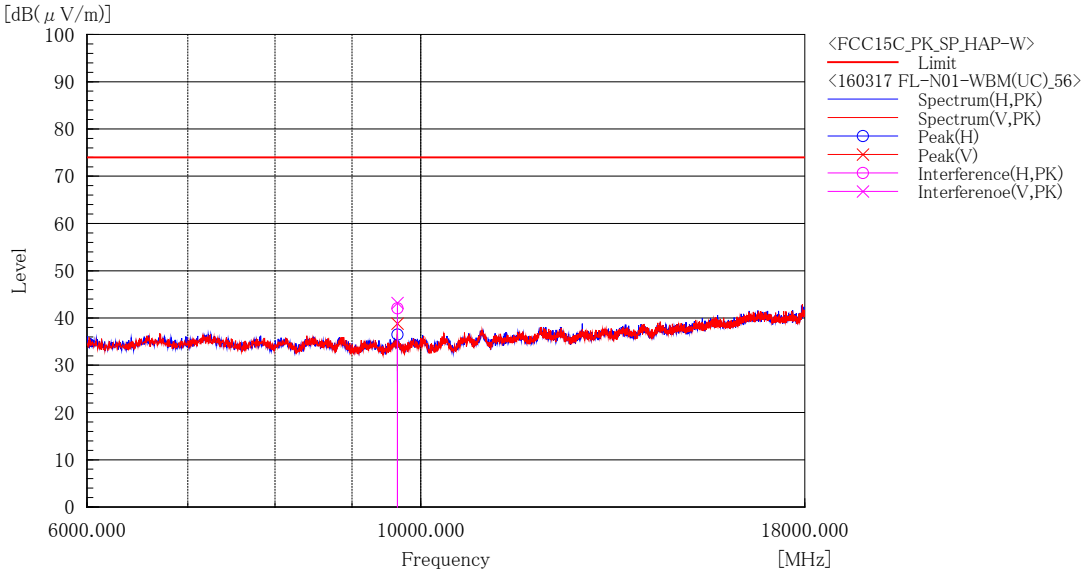
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.981	42.0	-5.9	36.1	54.0	17.9	276.1	346.4

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.070	48.4	-6.3	42.1	74.0	31.9	100.0	29.3

--- Vertical Polarization (PK)---

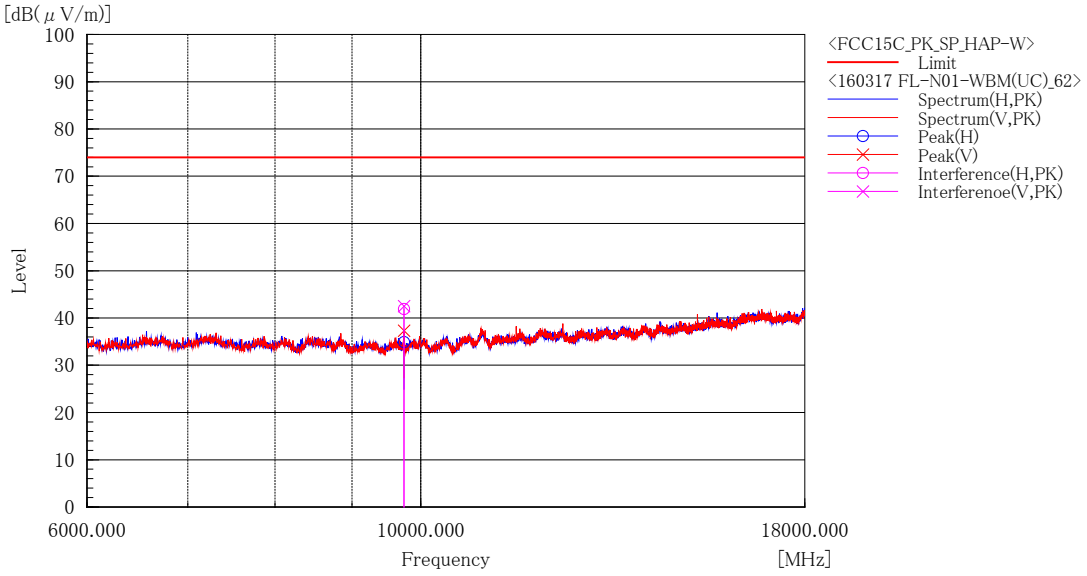
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9648.067	49.5	-6.3	43.2	74.0	30.8	321.0	47.0

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

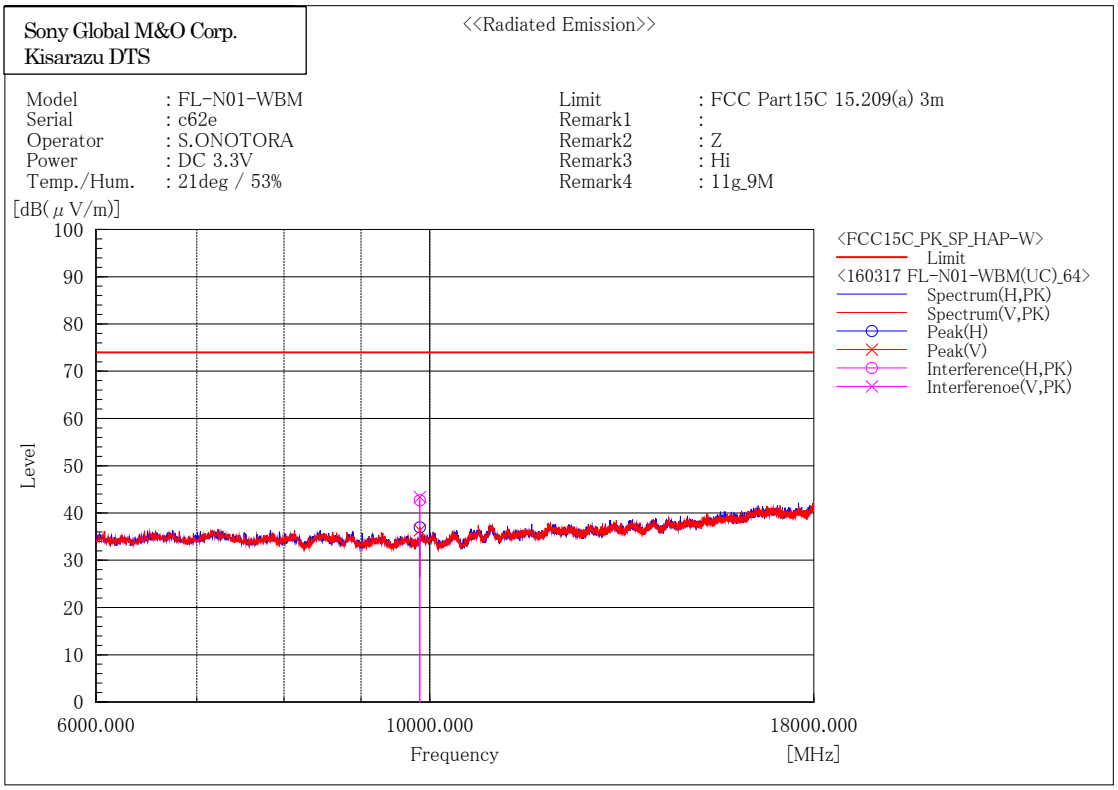
--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.451	48.0	-6.1	41.9	74.0	32.1	155.0	74.9

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9748.014	48.6	-6.1	42.5	74.0	31.5	298.4	359.5

[IEEE802.11g(9 Mbps)/2462MHz]



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.890	48.6	-5.9	42.7	74.0	31.3	100.0	53.5

--- Vertical Polarization (PK)---

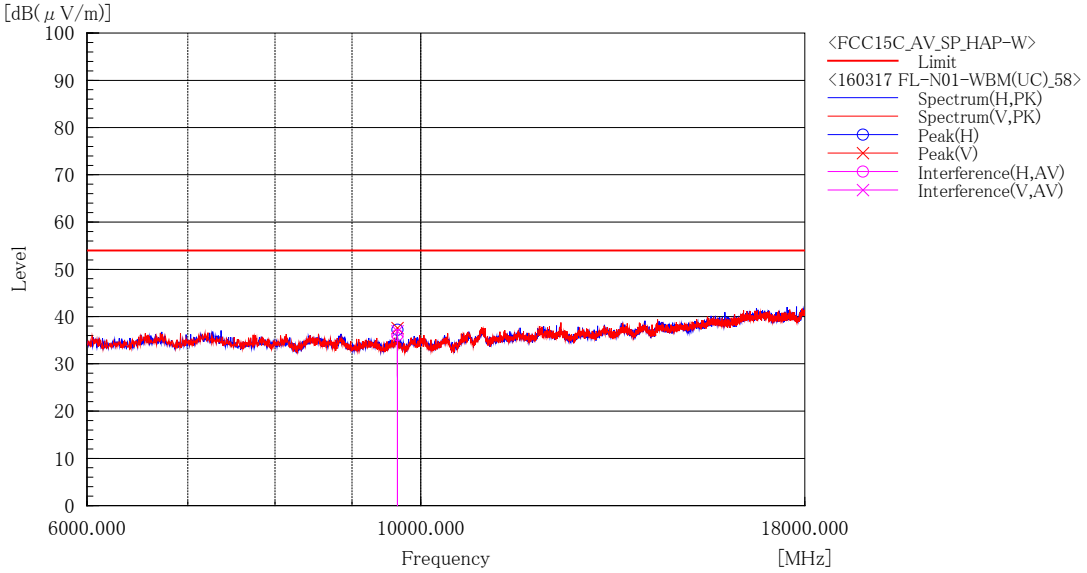
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.914	49.3	-5.9	43.4	74.0	30.6	276.1	346.4

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.989	42.4	-6.3	36.1	54.0	17.9	101.0	23.7

--- Vertical Polarization (AV)---

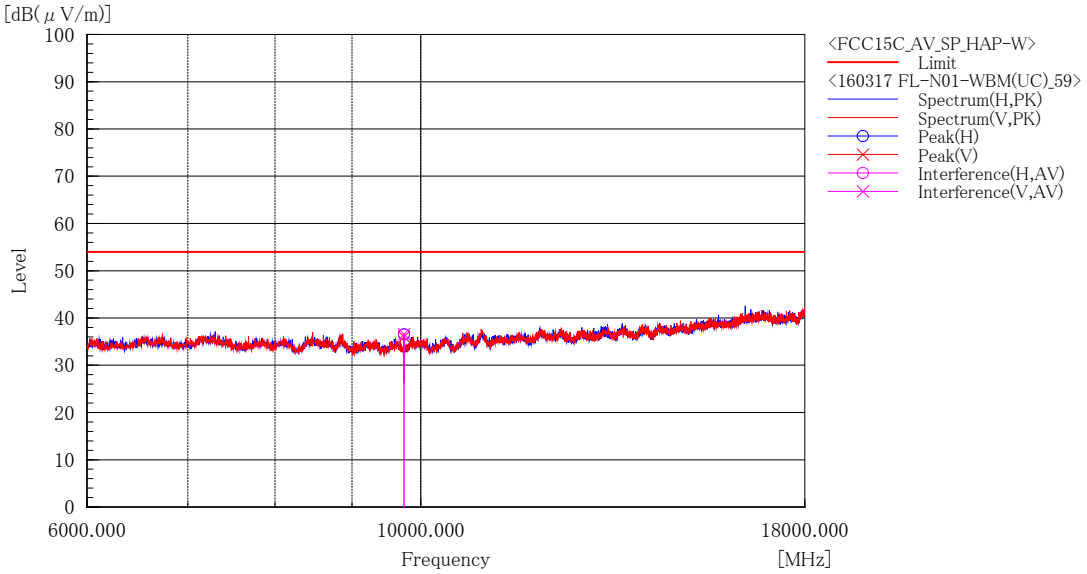
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.981	43.2	-6.3	36.9	54.0	17.1	309.1	347.7

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9748.002	42.6	-6.1	36.5	54.0	17.5	100.0	52.0

--- Vertical Polarization (AV)---

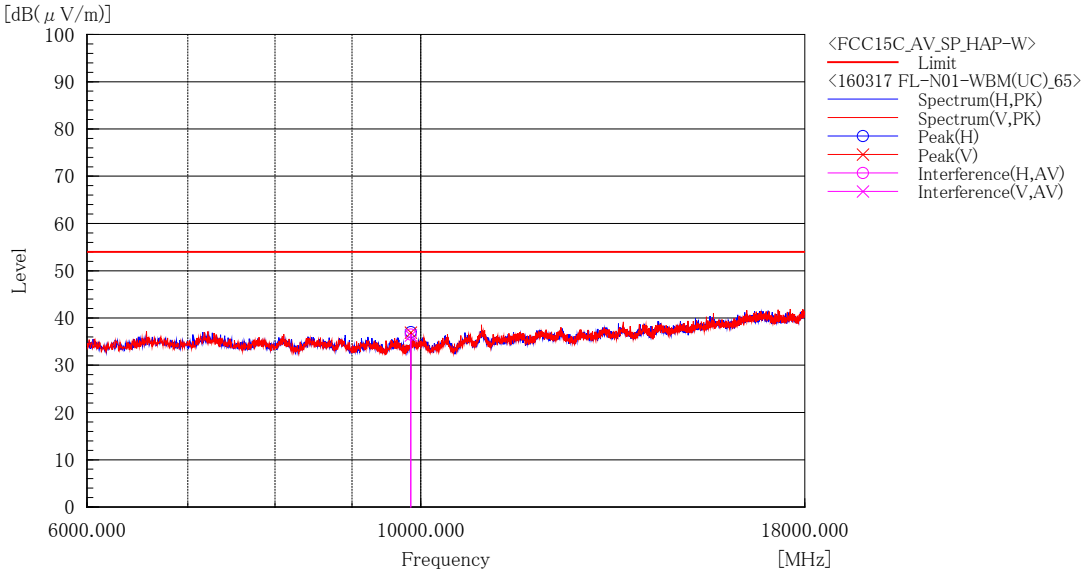
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.998	42.7	-6.1	36.6	54.0	17.4	299.0	15.0

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.983	42.4	-5.9	36.5	54.0	17.5	101.9	61.2

--- Vertical Polarization (AV)---

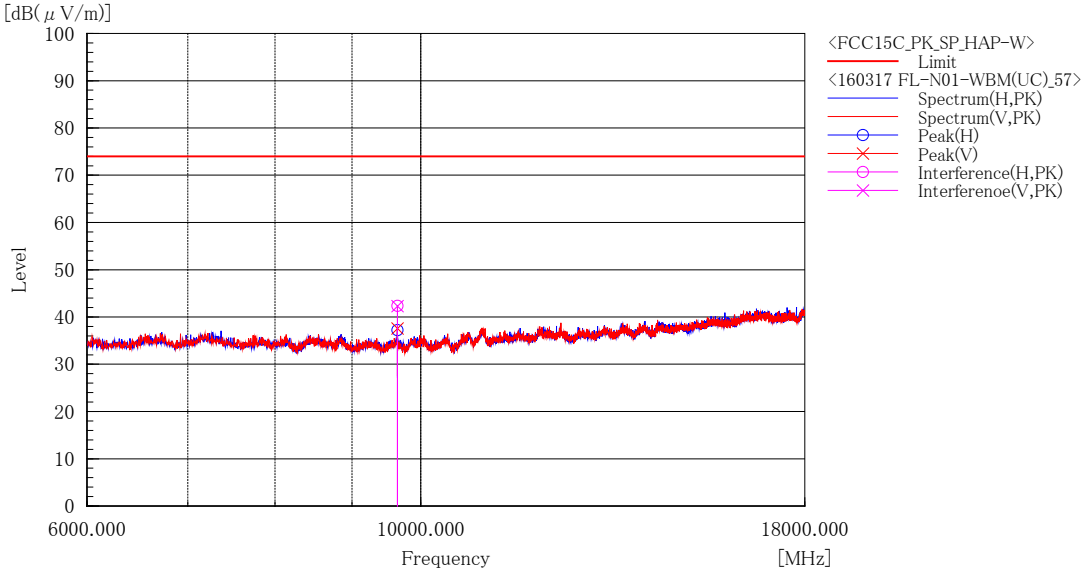
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9848.087	42.2	-5.9	36.3	54.0	17.7	326.5	200.2

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.938	48.7	-6.3	42.4	74.0	31.6	101.0	23.7

--- Vertical Polarization (PK)---

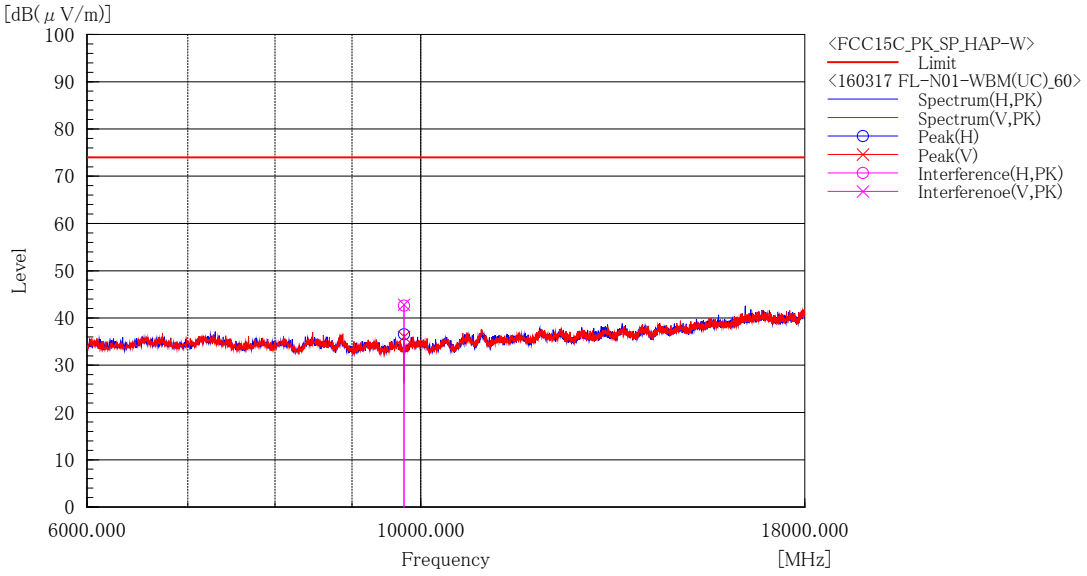
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9647.869	48.6	-6.3	42.3	74.0	31.7	309.1	347.7

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.946	48.7	-6.1	42.6	74.0	31.4	100.0	50.5

--- Vertical Polarization (PK)---

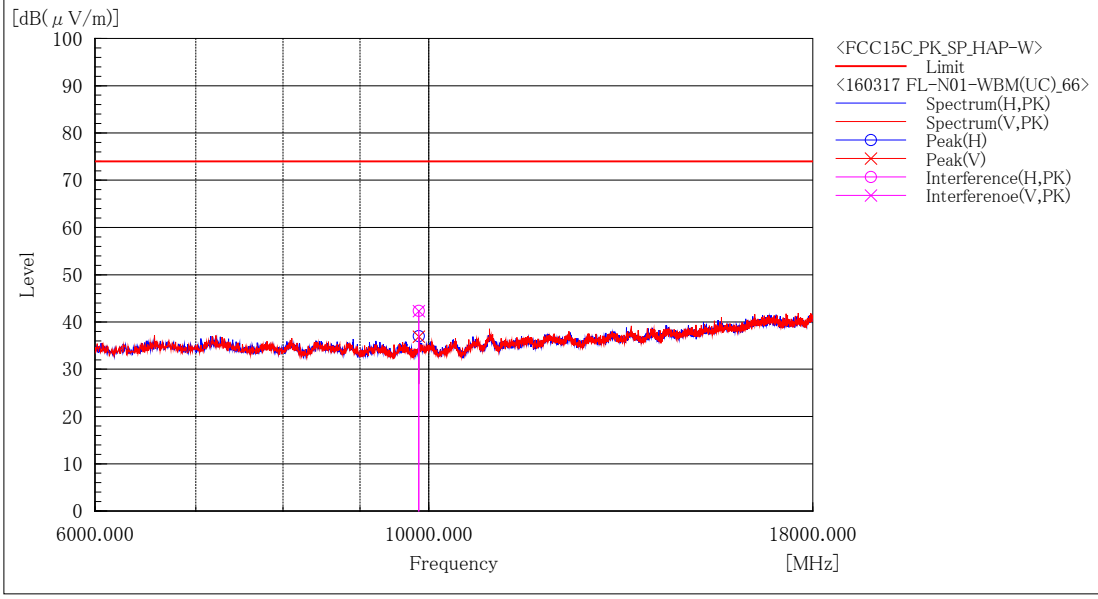
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9747.940	48.9	-6.1	42.8	74.0	31.2	299.0	15.0

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.870	48.3	-5.9	42.4	74.0	31.6	101.9	61.2

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	9847.906	48.2	-5.9	42.3	74.0	31.7	326.5	200.2

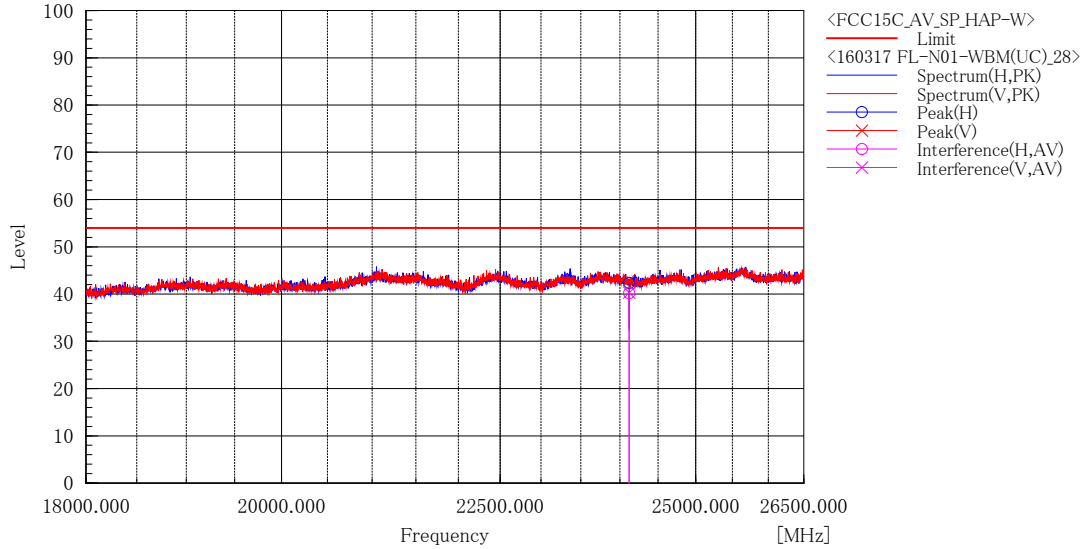
18 GHz – 24.835 GHz

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: M.KOUGA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24119.580	42.3	-2.1	40.2	54.0	13.8	145.0	254.5

--- Vertical Polarization (AV)---

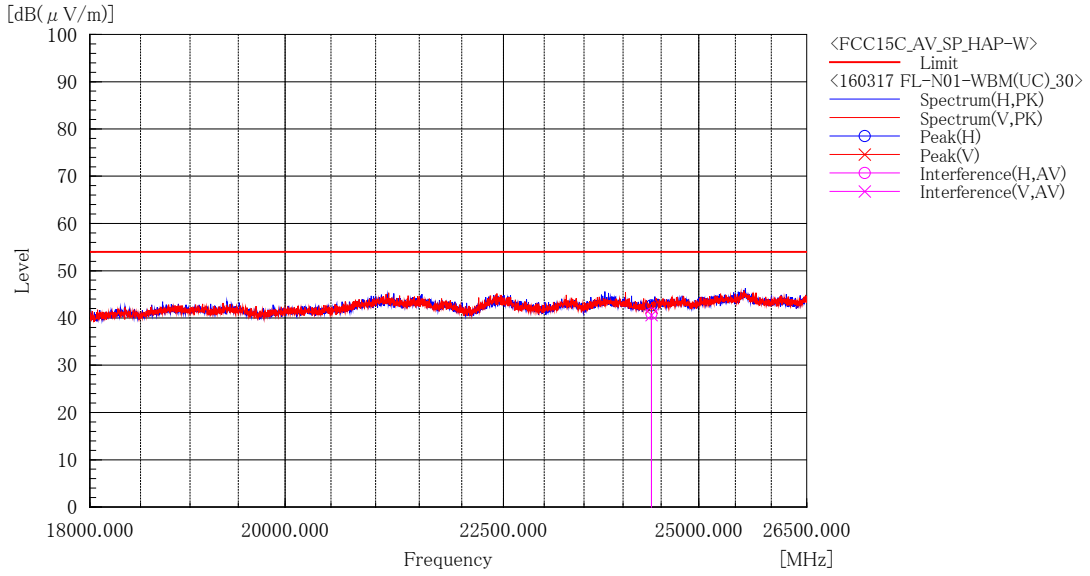
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24120.828	42.4	-2.1	40.3	54.0	13.7	173.2	39.4

[IEEE802.11b(1 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24369.012	43.1	-2.2	40.9	54.0	13.1	102.2	214.6

--- Vertical Polarization (AV)---

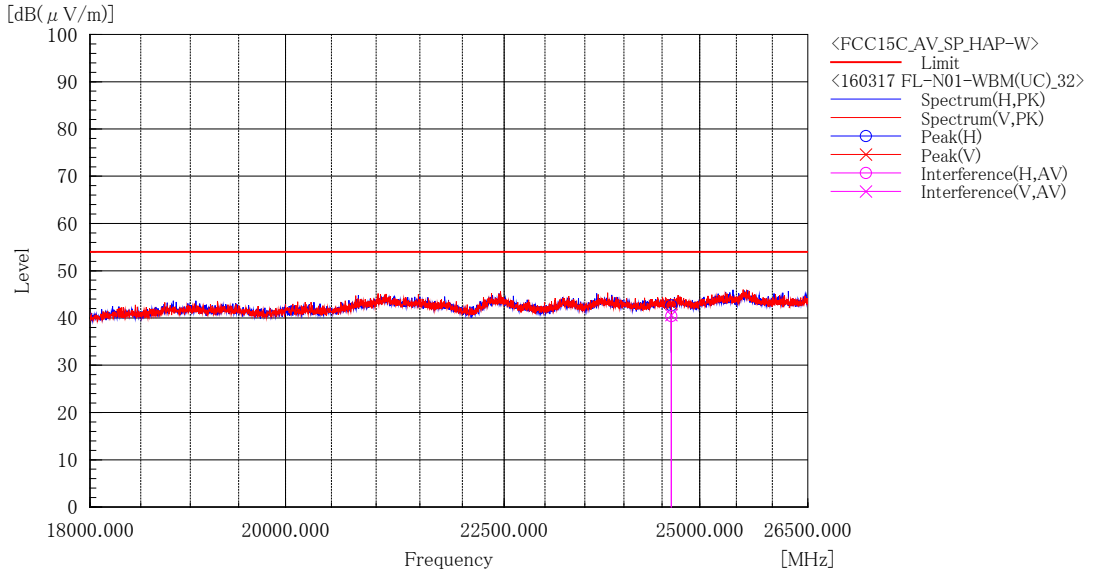
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24370.158	42.8	-2.2	40.6	54.0	13.5	114.9	8.1

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24619.104	42.6	-2.2	40.4	54.0	13.6	383.1	151.8

--- Vertical Polarization (AV)---

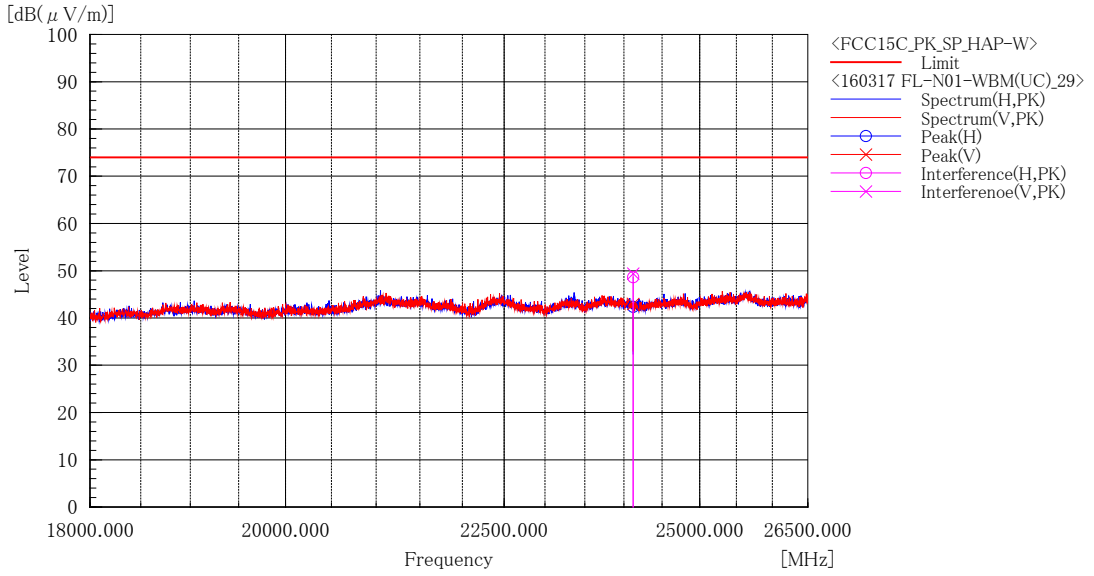
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24619.578	42.8	-2.2	40.6	54.0	13.4	228.4	169.3

[IEEE802.11b(1 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: M.KOUGA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

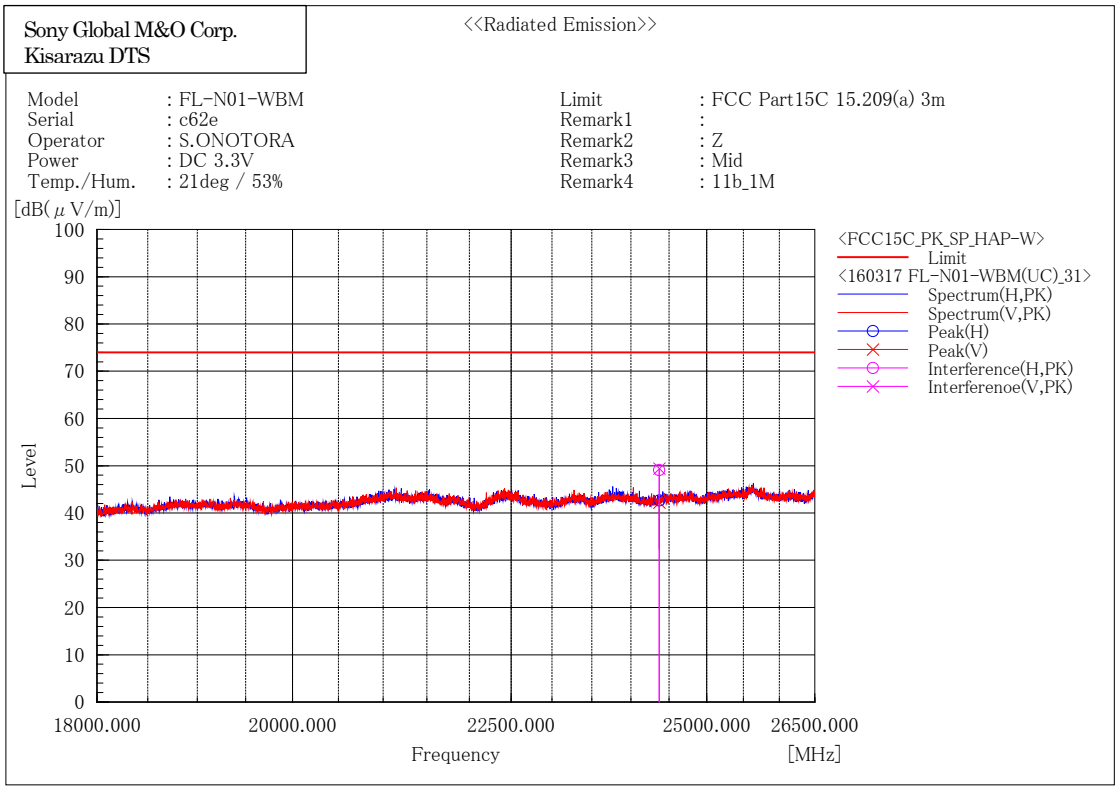
--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24120.454	50.8	-2.1	48.7	74.0	25.3	151.0	254.5

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24118.424	51.5	-2.1	49.4	74.0	24.6	173.2	41.2

[IEEE802.11b(1 Mbps)/2437MHz]



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24368.762	51.3	-2.2	49.1	74.0	24.9	102.2	214.6

--- Vertical Polarization (PK)---

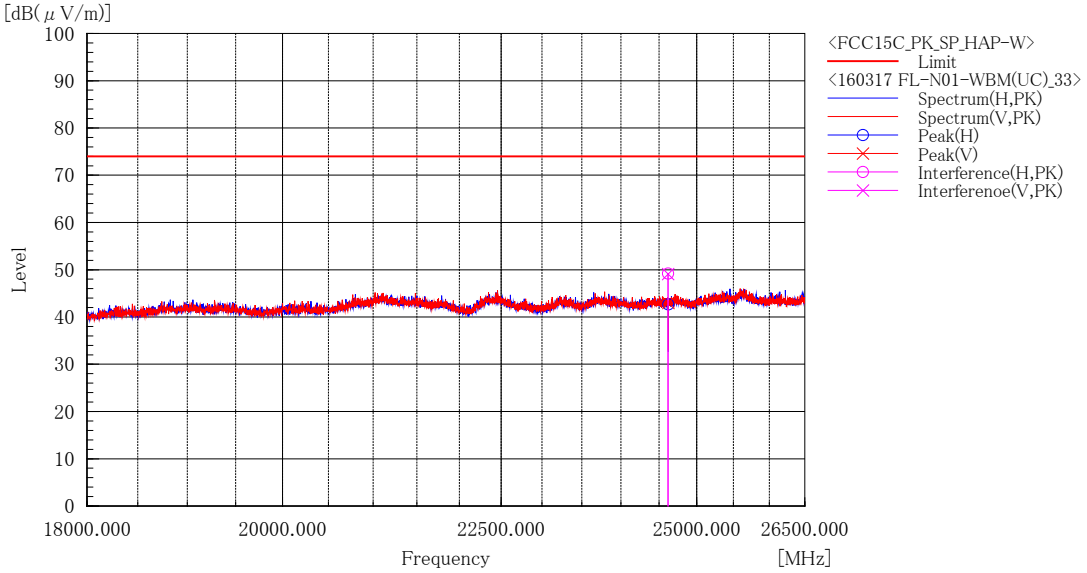
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24370.492	51.6	-2.2	49.4	74.0	24.6	114.9	8.0

[IEEE802.11b(1 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11b_1M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24618.912	51.4	-2.2	49.2	74.0	24.8	383.1	151.7

--- Vertical Polarization (PK)---

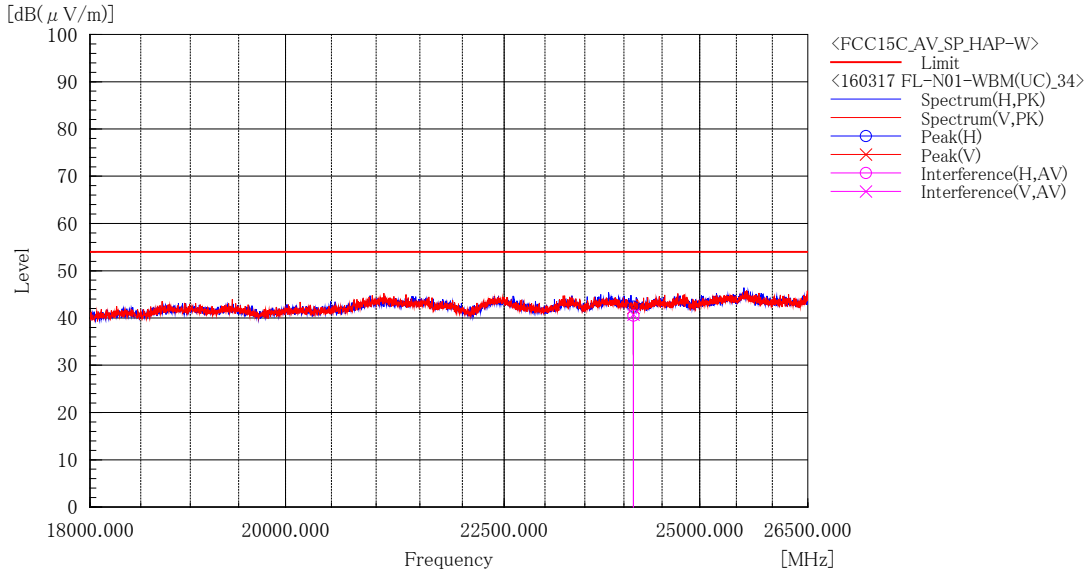
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24618.986	51.3	-2.2	49.1	74.0	24.9	228.4	169.3

[IEEE802.11g(9 Mbps)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24122.204	42.6	-2.1	40.5	54.0	13.5	247.7	141.7

--- Vertical Polarization (AV)---

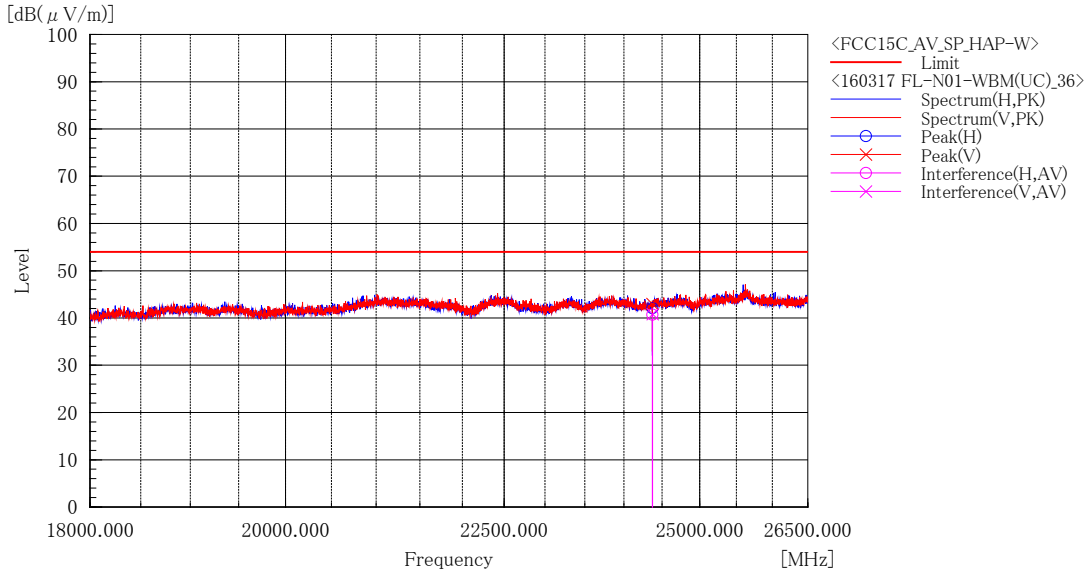
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24122.344	42.8	-2.1	40.7	54.0	13.3	287.8	301.4

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

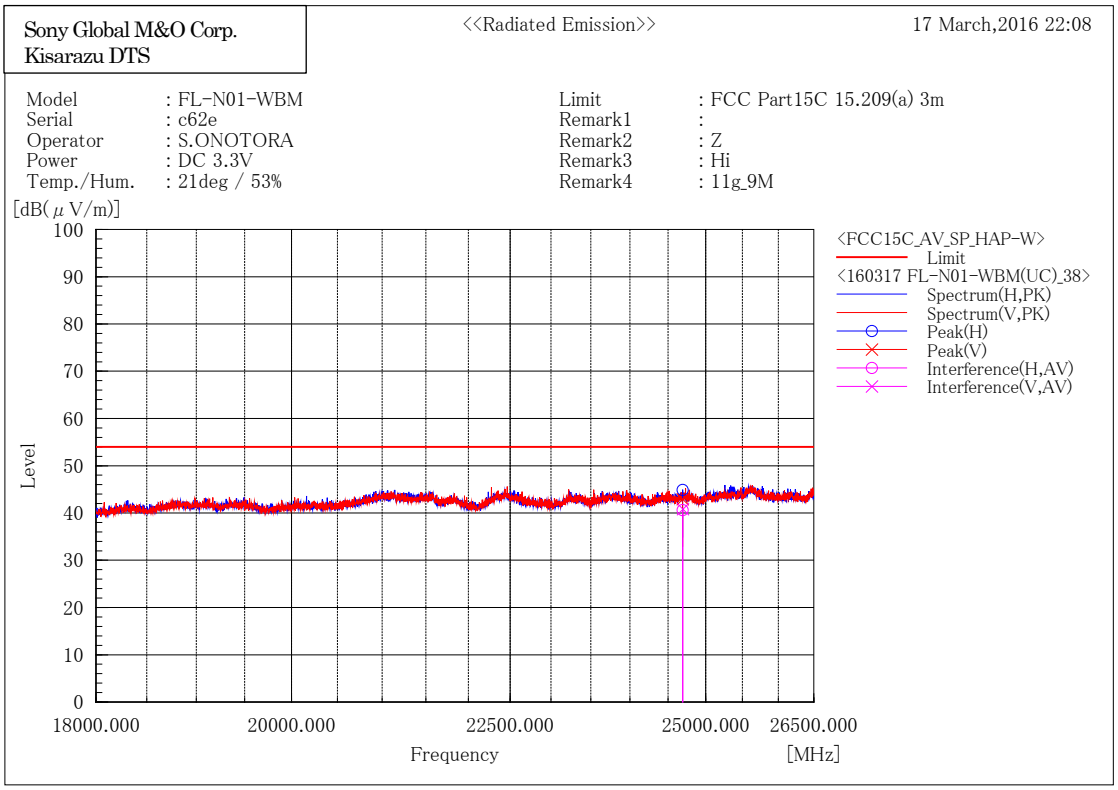
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24371.272	42.9	-2.2	40.7	54.0	13.3	300.6	143.4

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24372.330	43.0	-2.2	40.8	54.0	13.2	154.5	124.5

[IEEE802.11g(9 Mbps)/2462MHz]



Final Result

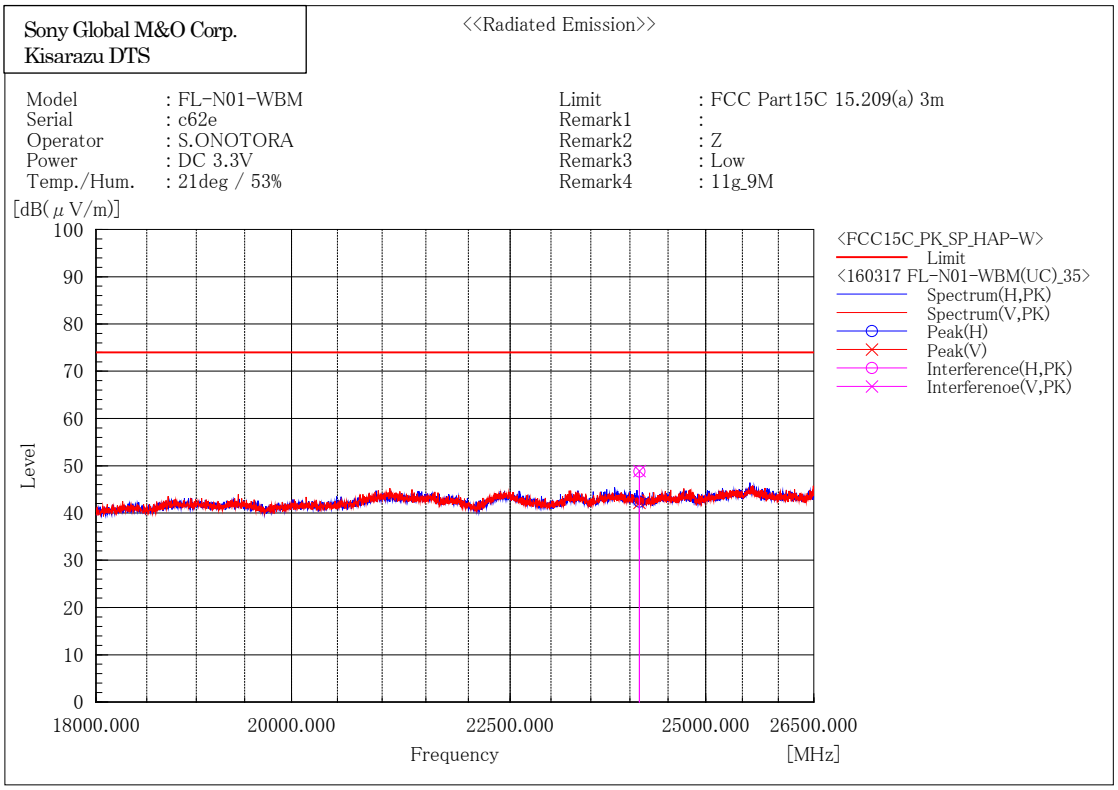
--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24691.516	42.7	-2.1	40.6	54.0	13.4	169.4	236.6

--- Vertical Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24693.344	42.9	-2.1	40.8	54.0	13.2	171.0	226.0

[IEEE802.11g(9 Mbps)/2412MHz]



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24121.588	50.9	-2.1	48.8	74.0	25.2	247.7	141.7

--- Vertical Polarization (PK)---

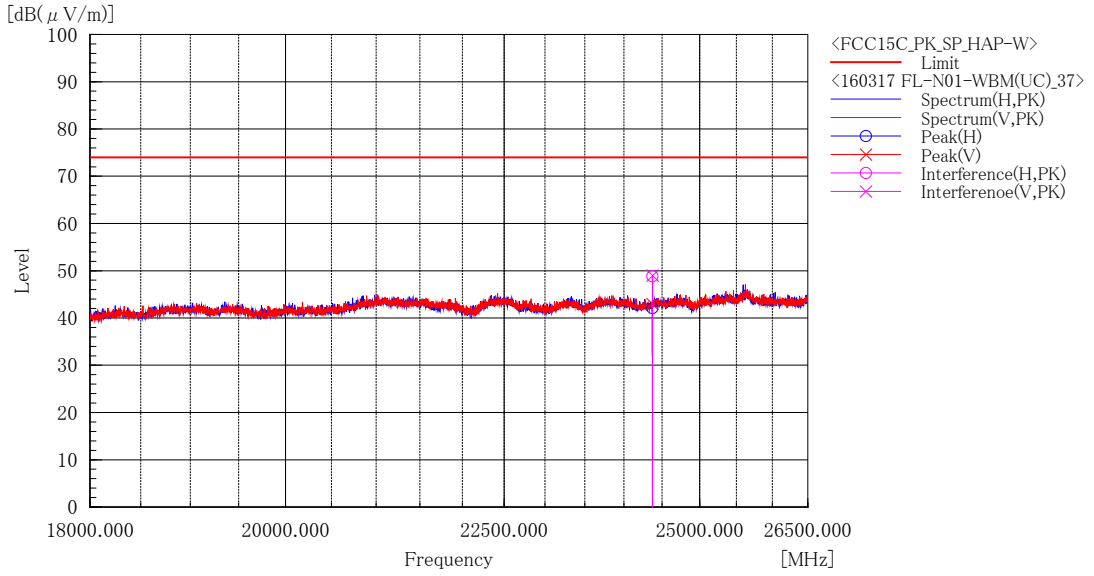
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24121.868	51.0	-2.1	48.9	74.0	25.1	287.8	301.4

[IEEE802.11g(9 Mbps)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24371.170	51.0	-2.2	48.8	74.0	25.2	300.6	143.3

--- Vertical Polarization (PK)---

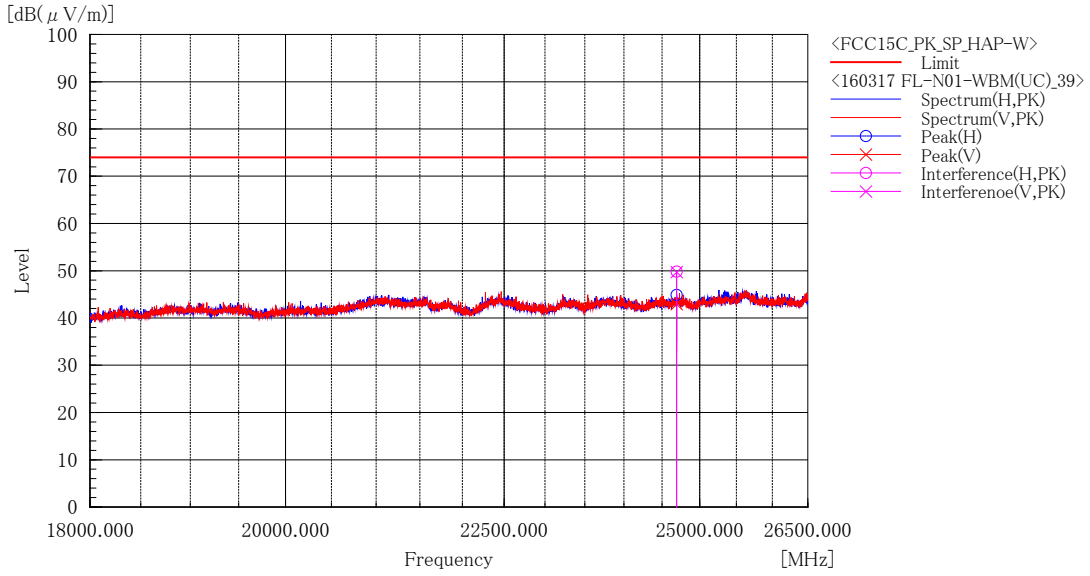
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24372.598	51.2	-2.2	49.0	74.0	25.0	154.5	124.5

[IEEE802.11g(9 Mbps)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>> 17 March,2016 22:08

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11g_9M



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24690.656	51.9	-2.1	49.8	74.0	24.2	168.7	239.3

--- Vertical Polarization (PK)---

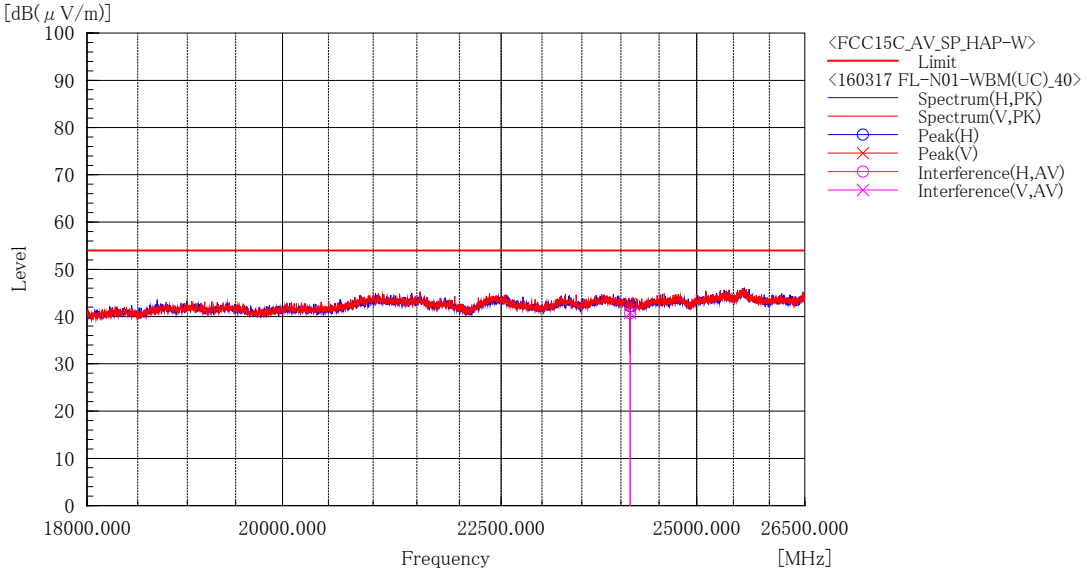
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24693.062	51.8	-2.1	49.7	74.0	24.3	171.0	226.0

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24118.924	42.8	-2.1	40.7	54.0	13.3	235.0	90.8

--- Vertical Polarization (AV)---

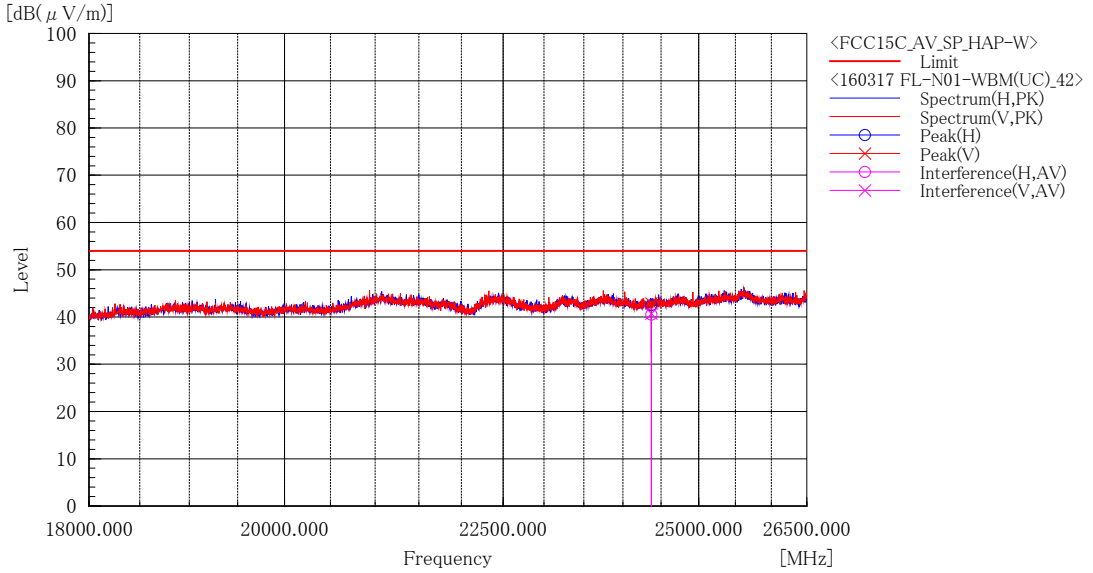
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24120.772	42.9	-2.1	40.8	54.0	13.2	236.8	88.9

[IEEE802.11n_HT20(MCS1)/2437MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Mid
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24372.052	42.7	-2.2	40.5	54.0	13.5	331.2	283.3

--- Vertical Polarization (AV)---

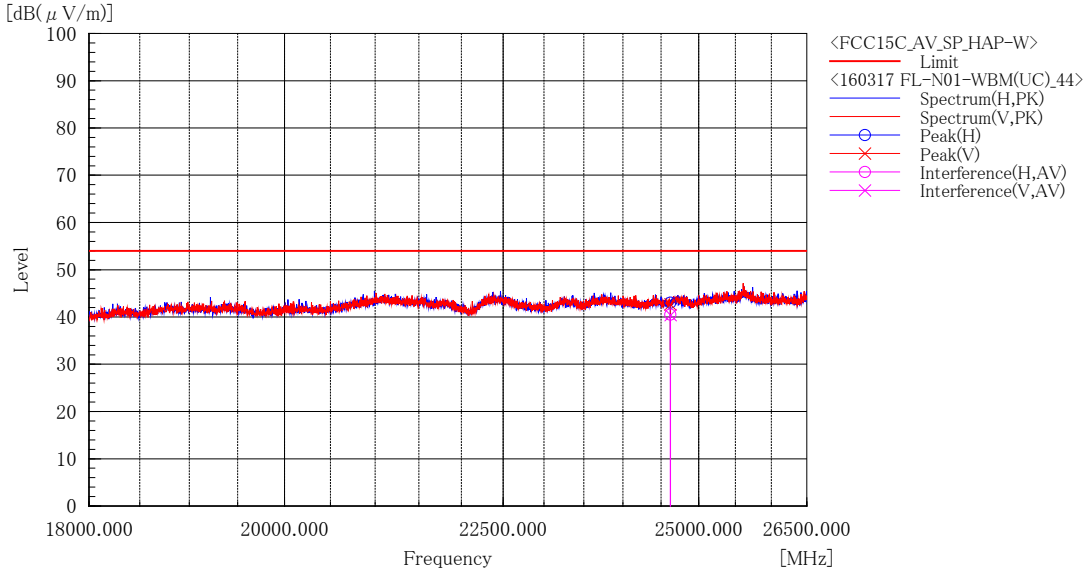
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24371.624	42.9	-2.2	40.7	54.0	13.3	397.2	239.3

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (AV)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24621.044	42.7	-2.2	40.5	54.0	13.5	349.7	115.9

--- Vertical Polarization (AV)---

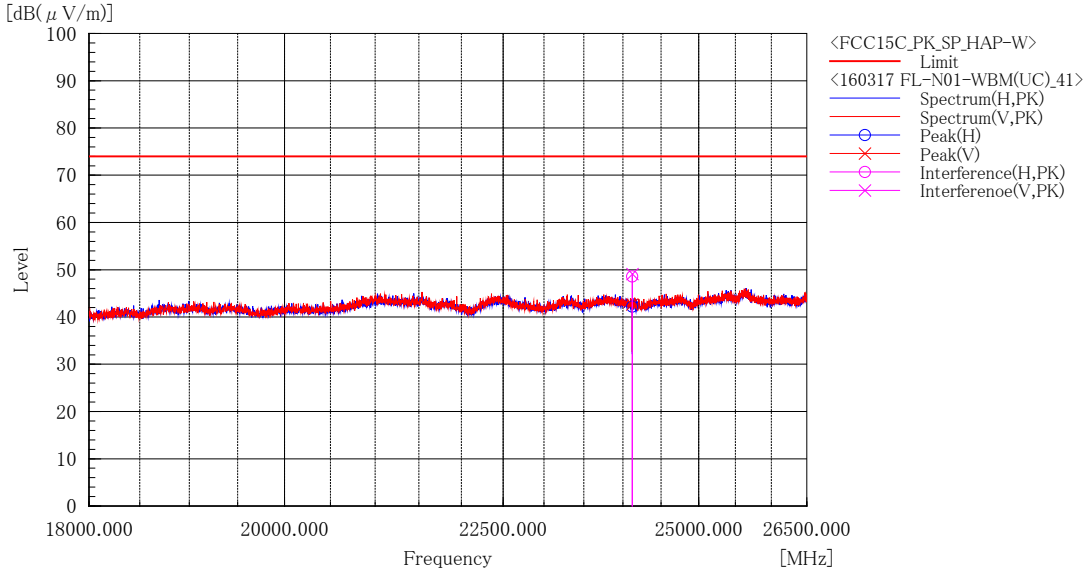
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24622.738	42.6	-2.2	40.4	54.0	13.6	198.3	25.9

[IEEE802.11n_HT20(MCS1)/2412MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Low
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

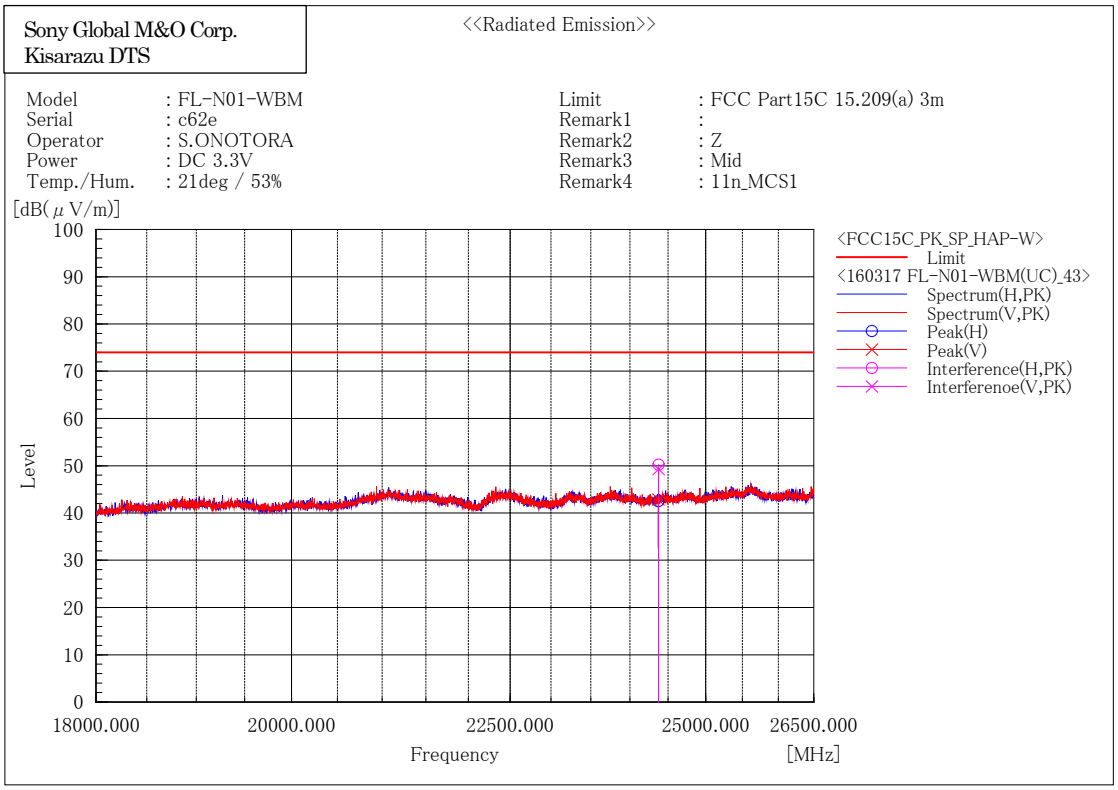
--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24118.582	50.7	-2.1	48.6	74.0	25.4	235.0	90.7

--- Vertical Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24121.586	51.2	-2.1	49.1	74.0	24.9	236.8	88.9

[IEEE802.11n_HT20(MCS1)/2437MHz]



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24373.334	52.4	-2.2	50.2	74.0	23.8	331.2	283.3

--- Vertical Polarization (PK)---

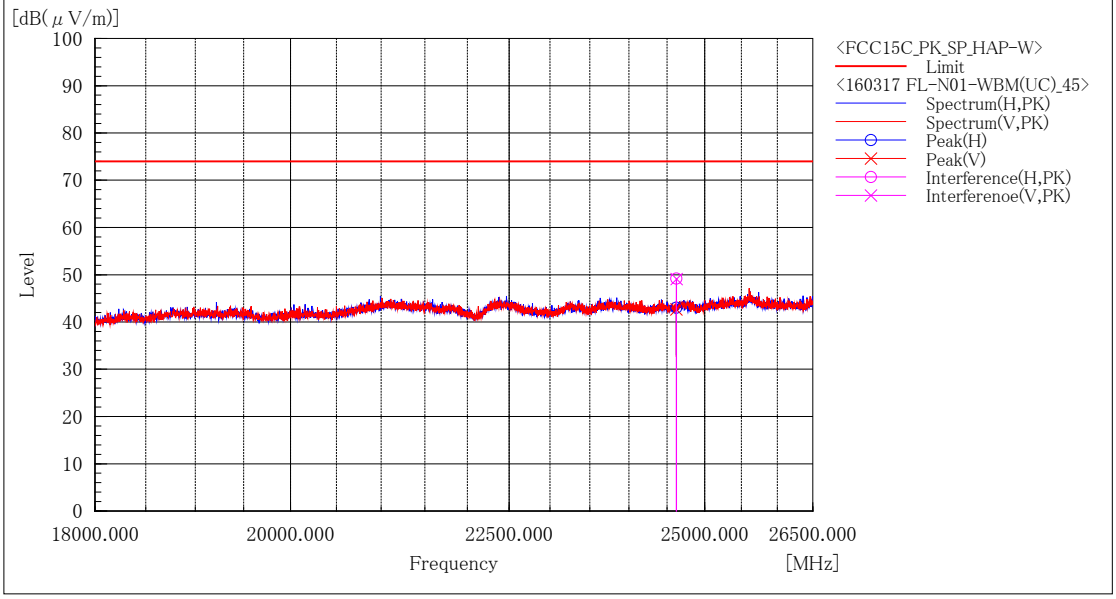
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24372.200	51.5	-2.2	49.3	74.0	24.7	397.2	239.3

[IEEE802.11n_HT20(MCS1)/2462MHz]

Sony Global M&O Corp.
Kisarazu DTS

<<Radiated Emission>>

Model	: FL-N01-WBM	Limit	: FCC Part15C 15.209(a) 3m
Serial	: c62e	Remark1	:
Operator	: S.ONOTORA	Remark2	: Z
Power	: DC 3.3V	Remark3	: Hi
Temp./Hum.	: 21deg / 53%	Remark4	: 11n_MCS1



Final Result

--- Horizontal Polarization (PK)---

No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24620.742	51.4	-2.2	49.2	74.0	24.8	349.7	115.9

--- Vertical Polarization (PK)---

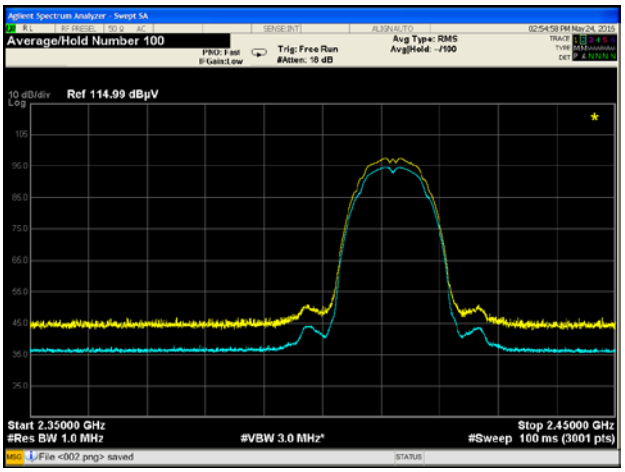
No.	Frequency [MHz]	Reading [dB(μV)]	c.f [dB(1/m)]	Result [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Height [cm]	Angle [°]
1	24622.810	51.3	-2.2	49.1	74.0	24.9	198.3	25.9

2.4GHz Restricted-Band Edge (Plot data)

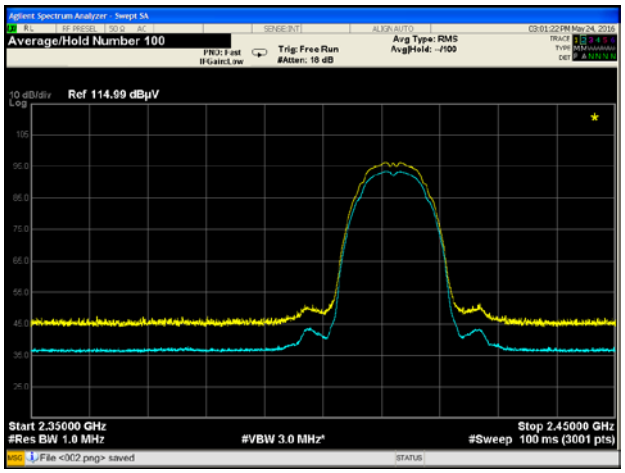
These plot data show peak (trace yellow) and average (trace blue) spectrum for worst case emissions in the restricted-band edges. (Restricted band edges: below 2390MHz and above 2483.5MHz)
The result of the final radiated emissions measurement refers in previous pages.

[IEEE 802.11b (1Mbps) / 2412MHz]

Horizontal

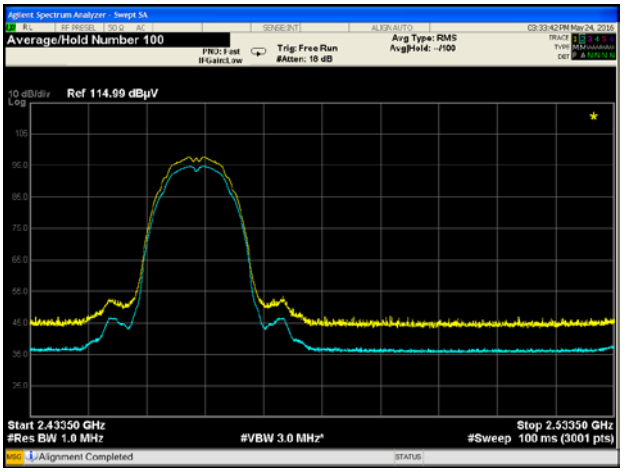


Vertical

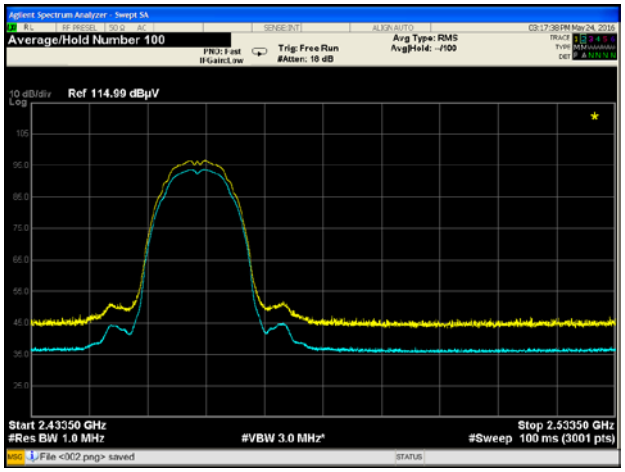


[IEEE 802.11b (1Mbps) / 2462MHz]

Horizontal

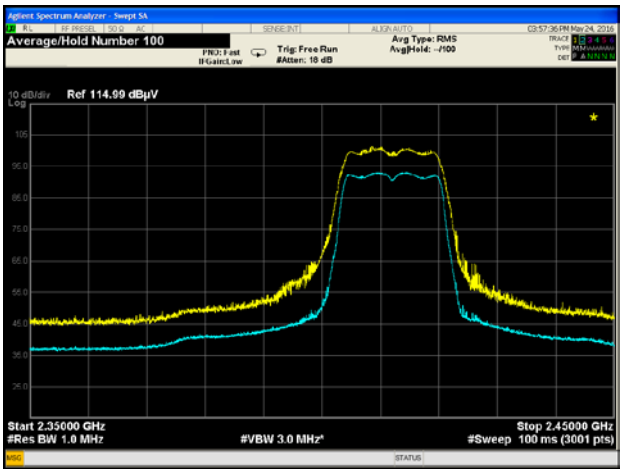


Vertical

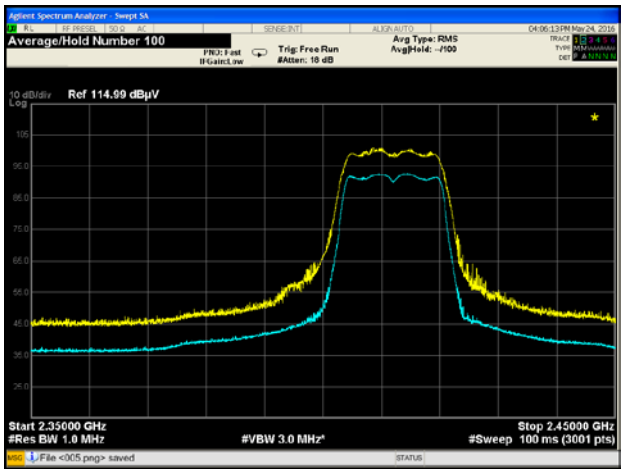


[IEEE 802.11g (9Mbps) / 2412MHz]

Horizontal

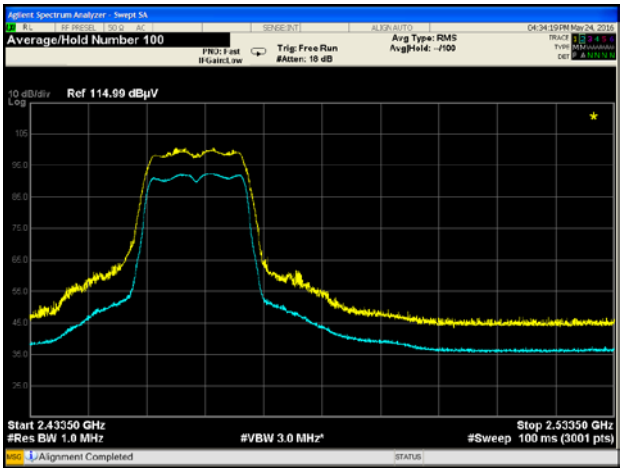


Vertical

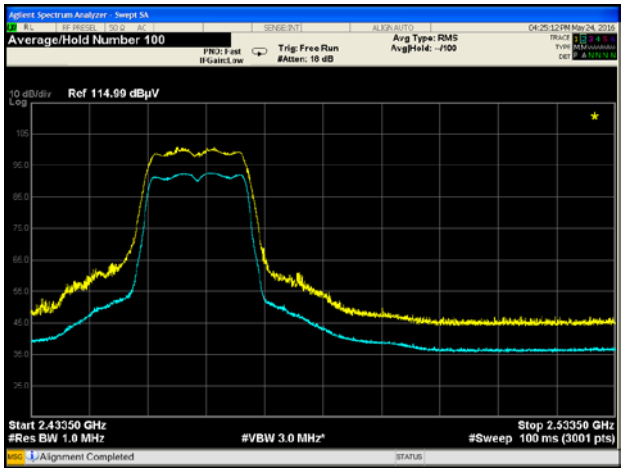


[IEEE 802.11g (9Mbps) / 2462MHz]

Horizontal

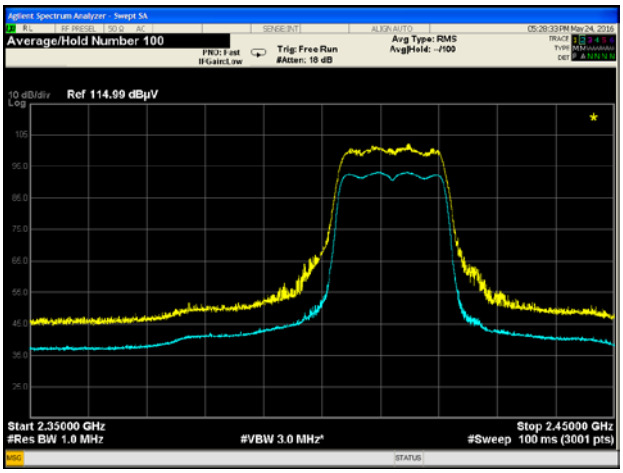


Vertical

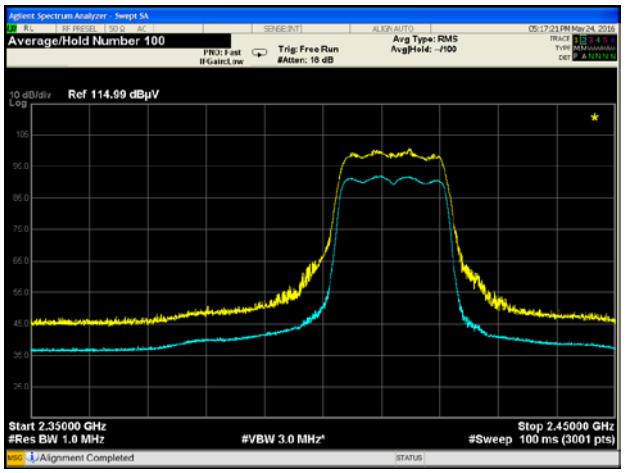


[IEEE 802.11n (MCS1) / 2412MHz]

Horizontal

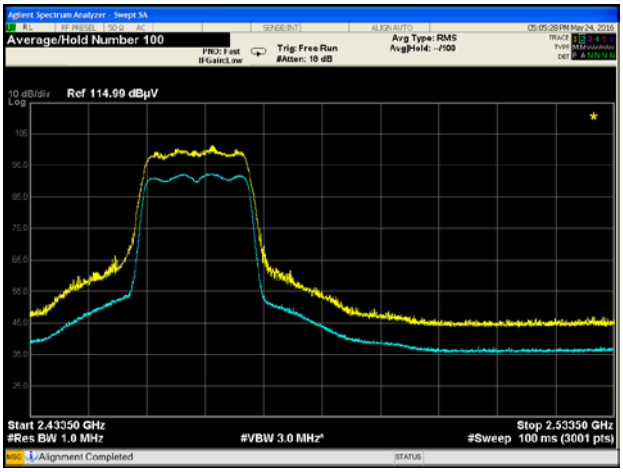


Vertical

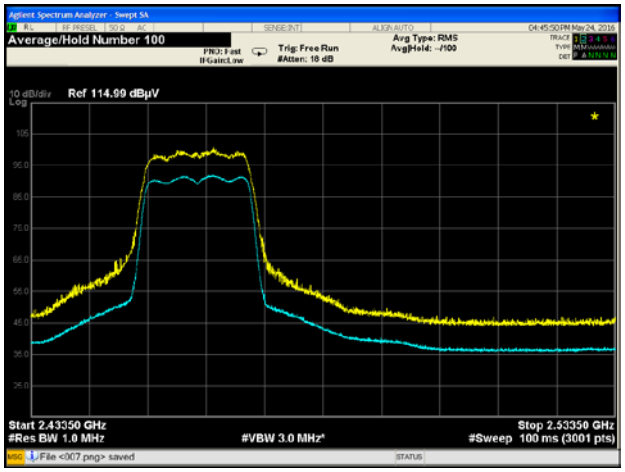


[IEEE 802.11n (MCS1) / 2462MHz]

Horizontal



Vertical

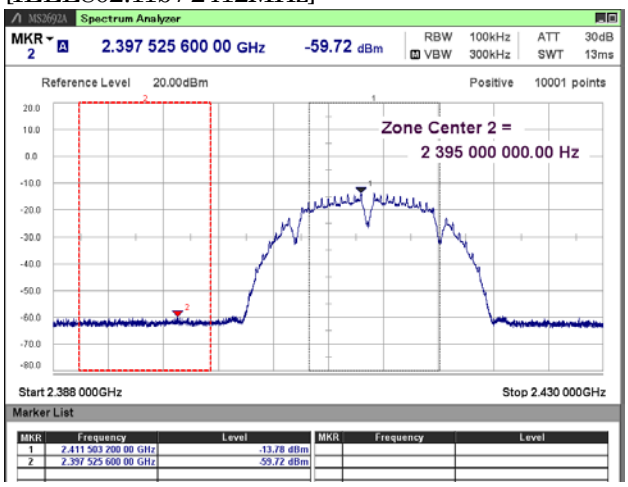


3.6. Conducted Spurious Emissions for Band Edge

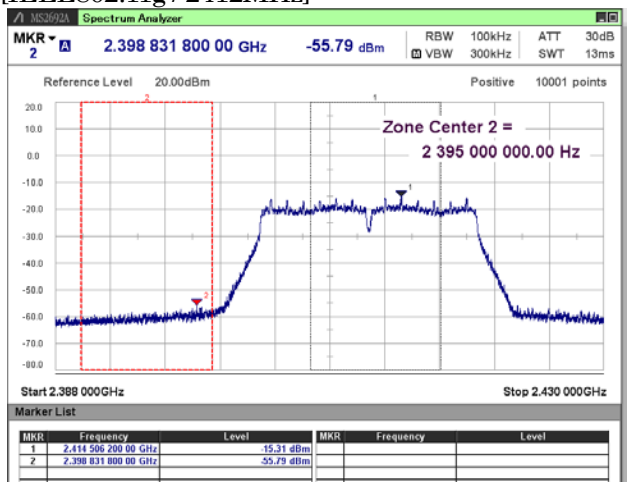
1) Ambient temperature : 23.9 deg.C
2) Relative humidity : 45.1 %
3) Date of measurement : 26 February 2016
4) Measured by : S.ONOTORA
5) Operating mode : Transmitting mode

Mode	Rate [Mbps]	Channel [MHz]	Frequency [MHz]	Reading (PK) [dBm]	C.F. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
11b	1	2412	2397.53	-59.72	11.00	-48.72	-22.8	25.94
			2411.50	-13.78	11.00	-2.78	-	-
11g	9	2412	2398.83	-55.79	11.00	-44.79	-24.3	20.48
			2414.51	-15.31	11.00	-4.31	-	-
11n (HT20)	MCS1	2412	2399.11	-53.99	11.00	-42.99	-24.4	18.55
			2414.49	-15.44	11.00	-4.44	-	-

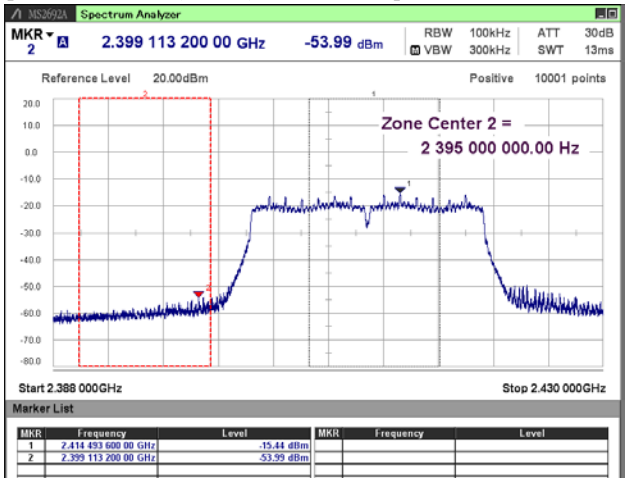
[IEEE802.11b / 2412MHz]



[IEEE802.11g / 2412MHz]



[IEEE802.11n(HT20) / 2412MHz]



4. Method of Calculation

4.1. AC Power-line Conducted Emissions Measurement

Method of calculation		: Software
The Software for Calculation	Name	: EP5/ CE
	Version	: Ver5.0.0

Test Result [dBuV] = Meter Reading [dBuV] + C.F. [dB]

Note :
(a) Meter Reading : Reading of the EMI test receiver or spectrum analyzer
(b) C.F. : System Loss + Correction Factor of LISN

4.2. Maximum Peak Conducted Output Power Measurement

Method of calculation	:	Software
The Software for Calculation	Name	: SW-308
	Version	: Ver2.2

Test Result (PK) [dBm] = Meter Reading [dBm] + C.F. [dB]
Test Result (AV) [dBm] = Meter Reading [dBm] + C.F. [dB] + Duty Factor [dB]

Notes :
(a) Meter Reading : Reading of the spectrum analyzer.
(b) C.F. : System Cable Loss + EUT Cable Loss
(c) Duty Factor : 10log{(Tx ON Time + Tx OFF Time) / (Tx ON Time)}

4.3. Power Density Measurement

Method of calculation	:	Software
The Software for Calculation	Name	: SW-308
	Version	: Ver2.2

Test Result [dBm] = Meter Reading [dBm] + C.F. [dB]

Notes :
(a) Meter Reading : Reading of the spectrum analyzer.
(b) C.F. : System Cable Loss + EUT Cable Loss

4.4. Radiated Spurious Emission Measurement

Method of calculation	:	Software
The Software for Calculation	Name	: V-Scan
	Version	: Ver4.0.30

Test Result [dBuV/m] = Meter Reading [dBuV] + C.F. [dB/m]

Notes :

(a) Meter Reading : Reading of the EMI test receiver or spectrum analyzer.

(b) C.F. : ☑ Antenna Factor (including Balun Loss) + System GainLoss

: ☐ Antenna Factor (including Balun Loss) + System GainLoss + 20 log (3 m/ 10 m)

4.5. Conducted Spurious Emission for Band Edge Measurement

Method of calculation	:	Software
The Software for Calculation	Name	: SW-308
	Version	: Ver2.2

Test Result [dBm] = Meter Reading [dBm] + C.F. [dB]

Notes :

(a) Meter Reading : Reading of the spectrum analyzer.

(b) C.F. : System Cable Loss + EUT Cable Loss

5. List of Test Equipment

All test results are traceable to the national and/or international standards.

5.1. AC Power-line Conducted Emissions

4th Site Shielded Room

	Control No.	Description	Model No.	Serial No.	Manufacture	Cal Int.	Last Cal.
☑	-	Shield Room	-	-	TDK	-	-
☑	M515	EMI Receiver	ESCI	100606	Rohde & Schwarz	12	15.07.07
☐	M109	EMI Receiver	ESI7	100051	Rohde & Schwarz	12	16.03.15
☐	M514	LISN	ENV216	100424	Rohde & Schwarz	12	15.04.07
☐	M505	LISN	ENV216	100425	Rohde & Schwarz	12	15.05.02
☐	M116	LISN	KNW-242	8-888-6	Kyoritsu	12	15.05.02
☑	CS043	4th Site CE Cable SYSTEM	-	-	EMC/RF Test Lab.	12	15.10.28
☑	M664	6dB Attenuator	6806.01.A	-	HUBER+SUHNER	12	15.10.28
☑	M619	HIGH FREQUENCY FUSE	MP612A	-	Anritsu	12	15.10.28
☐	M153	50 ohm Terminator	CT-01	-	TME	12	15.08.04
☐	M159	50 ohm Terminator	T1302	-	Stack	12	15.08.04
☑	M690	Thermo Meter	AD-5640A	201304	AND	12	15.11.15
☑	M832	LISN	ENV216	100281	Rohde & Schwarz	12	15.12.01

5.2. Antenna-port Conducted Measurements

4th Site Shielded Room 1

	Control No.	Description	Model No.	Serial No.	Manufacture	Cal Int.	Last Cal.
☑	-	Shield Room	B83117-B2432-T161	P26428	Albatross Projects	-	-
☑	W100	Signal Analyzer	MS2692A	6201338954	Anritsu	12	15.03.30
☑	W006	Power meter	N1911A	MY50000295	Keysight Technologies	12	15.09.02
☑	W007	Power Sensor	N1922A	MY50180022	Keysight Technologies	12	15.09.09
☐	W104	Power Sensor	U2021XA	MY54040006	Keysight Technologies	12	15.12.14
☐	W105	Power Sensor	U2021XA	MY54080005	Keysight Technologies	12	15.12.14
☑	W029	10dB Attenuator	8493C	76549	Keysight Technologies	12	15.09.24
☐	W110	10dB Attenuator	6610-SK-50-1	2	HUBER + SUHNER	12	15.06.08
☐	WC02	RF Cable	SUCOFLEX102	34124/2	HUBER + SUHNER	12	15.10.16
☐	WC03	RF Cable	SUCOFLEX102	34127/2	HUBER + SUHNER	12	15.10.08
☑	WC05	RF Cable	SUCOFLEX102	34287/2	HUBER + SUHNER	12	15.10.16
☐	WC06	RF Cable	SUCOFLEX102	34289/2	HUBER + SUHNER	12	15.10.08
☑	M719	Thermo Meter	TH-321	140053	ASONE	12	15.06.10
☐	M720	Thermo Meter	TH-321	140044	ASONE	12	15.05.15
☐							

5.3. Radiated Spurious Emissions

4th Site 10m Semi-Anechoic Chamber

	Control No.	Description	Model No.	Serial No.	Manufacture	Cal Int.	Last Cal.
☑	M506	Semi-Anechoic Chamber	-	-	TDK	12	15.08.03
☑	M575	EMI Receiver	ESCI	100161	Rohde & Schwarz	12	15.11.09
☑	M669	EMI Receiver	N9038A	MY51210223	Keysight Technologies	12	15.05.19
☑	A073	Loop Antenna	HFH2-Z2	100171	Rohde & Schwarz	12	15.10.12
☑	A043	Biconical Antenna	BBA9106	V5(91032598)	Schwarzbeck	12	15.08.04
☑	A046	Logperiodic Antenna	UHALP9108A1	0830	Schwarzbeck	12	15.08.06
☑	A056	Horn Antenna	BBHA9120D	670	Schwarzbeck	12	16.01.27
☑	A057	Horn Antenna	HAP06-18W	00000037	Toyo Corporation	12	15.08.04
☑	A058	Horn Antenna	HAP18-26W	00000016	Toyo Corporation	12	16.01.26
☑	CS039	RefSite RE Cable SYS3	-	-	EMC/RF Test Lab.	12	15.10.28
☑	CS054	RefSite EMF Cable SYS	-	-	EMC/RF Test Lab.	12	15.10.28
☑	CS064	RefSite RE Cable SYS8	-	-	EMC/RF Test Lab.	12	15.10.28
☑	CS065	RefSite RE Cable SYS9	-	-	EMC/RF Test Lab.	12	15.10.28
☑	M510	RF-Selector	NS4900	0802-226	Toyo Corporation	12	15.10.28
☑	M706	3dB Attenuator	8491A	MY39267782	Keysight Technologies	12	15.10.28
☑	M620	RF Pre-Amp	8447D	2944A10720	Keysight Technologies	12	15.10.28
☑	M831	GHz Filter Box	FB-G1	002	Sony Global M&O	12	15.10.28
☑	M689	Thermo Meter	AD-5640A	201303	AND	12	15.11.05
☐	M485	EMI Receiver	ESCI	100626	Rohde & Schwarz	12	15.04.16
☐	M798	Thermo Meter	AD-5640B	201501	AND	12	15.10.15
☐							

About calibration interval

Valid until the end of the month listed in “Cal. Int.” column.