FCC&IC Radio Test Report
FCC ID: QISAP505130DN
IC: 6369A-AP505130DN

This report concerns (check one) : ■ **Original Grant** □ **Class II Change**

Project No.	:	1403C080A
Equipment	:	Wireless LAN Access Point
Model Name	:	AP5130DN
Applicant	:	Huawei Technologies Co.,Ltd.
Address for FCC	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Address for IC	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd.,Bantian, Longgang District, Shenzhen 518129 China

Tested by: Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Mar. 13, 2014
Date of Test: Mar. 13, 2014 ~ May. 14, 2014
Issued Date: May. 15, 2014

Testing Engineer : David Mao
(David Mao)

Technical Manager : Leo Hung
(Leo Hung)

Authorized Signatory : Steven Lu
(Steven Lu)

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Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FICP-1-1403C080A	Original Issue.	May. 12, 2014

1. CERTIFICATION

Equipment	:	Wireless LAN Access Point
Brand Name	:	HUAWEI
Model Name	:	AP5130DN
Applicant	:	Huawei Technologies Co.,Ltd.
Manufacturer	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China
Factory	:	Huawei Technologies Co.,Ltd.
Address	:	Huawei Base, Bantian, Longgang District, Shenzhen 518129, P.R.China
Date of Test	:	Mar. 13, 2014 ~ May. 14, 2014
Test Item	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009; Canada RSS-210:2010 RSS-GEN Issue 3, Dec 2010 FCC KDB 789033 D01 General UNII Test Procedures v01r03 .

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FICP-1-1403C080A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5150MHz~5250MHz;5250MHz~5350MHz; 5470~5725MHz Mode part of the product.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E Canada RSS-210:2010/ RSS-GEN Issue 3, Dec 2010				
Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207	RSS-GEN 7.2.2	AC Power Line Conducted Emissions	PASS	
15.407(a)	RSS-210 A9.2(1)	26dB Spectrum Bandwidth	PASS	
15.407(a)	RSS-210 A9.2(1)	Maximum Conducted Output Power	PASS	
15.407(a)	RSS-210 A9.2(1)	Power Spectral Density	PASS	
15.407(a)	-	Peak Excursion	PASS	
15.407(a)	RSS-210 Annex 8 (A8.5)	Radiated Emissions	PASS	
15.407(b)	RSS-210 A9.2(1)	Band Edge Emissions	PASS	
15.407(g)	RSS-210 A1.1.4	Frequency Stability	PASS	
15.203	-	Antenna Requirements	PASS	

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792
Neutron's test firm number for FCC: 319330
Neutron's test firm number for IC: 4428B-1

2.2 MEASUREMENT UNCERTAINTY

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

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
DG-CB03	CISPR	9KHz~30MHz	V	3.79	
		9KHz~30MHz	H	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	H	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP5130DN	
Mode Different	N/A	
Product Description	Operation Frequency	Band 1:5150MHz~5250MHz Band 2:5250MHz~5350MHz Band 3:5470MHz~5725MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	11a:6/ 9/12/18/24/36/48/54Mbps 11n:up to 450Mbps 11ac up to 1300Mbps
	Output Power (Max.)- Band 1 for 1TX	802.11a: 13.87 dBm 802.11n(20 MHz): 13.89 dBm 802.11n(40 MHz): 13.72 dBm 802.11ac(20 MHz): 13.76 dBm 802.11ac(40 MHz): 13.71 dBm 802.11ac(80 MHz): 2.61 dBm
	Output Power (Max.)- Band 2 for 1TX	802.11a: 14.75 dBm 802.11n(20 MHz): 14.87 dBm 802.11n(40 MHz): 13.64 dBm 802.11ac(20 MHz): 14.76 dBm 802.11ac(40 MHz): 13.72 dBm 802.11ac(80 MHz): 2.69 dBm
	Output Power (Max.)- Band 3 for 1TX	802.11a: 15.92 dBm 802.11n(20 MHz): 13.94 dBm 802.11n(40 MHz): 13.92 dBm 802.11ac(20 MHz): 13.84 dBm 802.11ac(40 MHz): 13.63 dBm 802.11ac(80 MHz):7.64 dBm
	Output Power (Max.)- Band 1 for 2TX	802.11a: 14.20 dBm 802.11n(20 MHz): 14.05 dBm 802.11n(40 MHz): 13.88 dBm 802.11ac(20 MHz): 14.09 dBm 802.11ac(40 MHz): 14.14 dBm 802.11ac(80 MHz): 3.19 dBm
	Output Power (Max.)- Band 2 for 2TX	802.11a: 15.09 dBm 802.11n(20 MHz): 15.10 dBm 802.11n(40 MHz): 14.00 dBm 802.11ac(20 MHz): 15.01 dBm 802.11ac(40 MHz): 14.08 dBm 802.11ac(80 MHz): 3.20 dBm
	Output Power (Max.)- Band 3 for 2TX	802.11a: 16.08 dBm 802.11n(20 MHz): 14.05 dBm 802.11n(40 MHz): 14.13 dBm 802.11ac(20 MHz): 14.09 dBm 802.11ac(40 MHz): 14.10 dBm 802.11ac(80 MHz): 8.15 dBm

Product Description	Output Power (Max.)- Band 1 for 3TX	802.11a: 14.68 dBm 802.11n(20 MHz): 14.75 dBm 802.11n(40 MHz): 14.19 dBm 802.11ac(20 MHz): 14.46 dBm 802.11ac(40 MHz): 14.34 dBm 802.11ac(80 MHz): 4.23 dBm
	Output Power (Max.)- Band 2 for 3TX	802.11a: 15.70 dBm 802.11n(20 MHz): 15.79 dBm 802.11n(40 MHz): 14.28 dBm 802.11ac(20 MHz): 15.35 dBm 802.11ac(40 MHz): 14.31 dBm 802.11ac(80 MHz): 4.06 dBm
	Output Power (Max.)- Band 3 for 3TX	802.11a: 16.78 dBm 802.11n(20 MHz): 14.57 dBm 802.11n(40 MHz): 14.48 dBm 802.11ac(20 MHz): 14.36 dBm 802.11ac(40 MHz): 14.52 dBm 802.11ac(80 MHz): 8.29 dBm
	More details of EUT technical specification, please refer to the User's Manual.	
Power Source	Dc voltage supplied from adapter or PoE. #1 Brand/ Model: HUAWEI / HW-120200U1W	
Power Rating	I/P:AC 100-240V 50/60Hz 0.8A DC 12.0V 2.0A	
Connecting I/O Port(s)	Please refer to the User's Manual	

Note:

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

802.11a / 802.11n(20 MHz) / 802.11ac(20 MHz)							
Band 1		Band 2		Band 3			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260	100	5500	116	5580
40	5200	56	5280	104	5520	132	5660
44	5220	60	5300	108	5540	136	5680
48	5240	64	5320	112	5560	140	5700

802.11n(40 MHz) / 802.11ac(40 MHz)							
Band 1		Band 2		Band 3			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270	102	5510	118	5590
46	5230	62	5310	110	5550	134	5670

802.11ac(80 MHz)							
Band 1		Band 2		Band 3			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
44	5210	56	5290	106	5530		

3. Table for Filed Antenna

Group 1

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	TONGYU COMMUNICATION	TT-245804-6W1	External Antenna	R-SMA	4.82	TX/RX
B	TONGYU COMMUNICATION	TT-245804-6W1	External Antenna	R-SMA	4.82	TX/RX
C	TONGYU COMMUNICATION	TT-245804-6W1	External Antenna	R-SMA	4.82	TX/RX

Group 2

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	Shenglu	SL10301A	External Antenna	R-SMA	5.7	TX/RX
B	Shenglu	SL10301A	External Antenna	R-SMA	5.7	TX/RX
C	Shenglu	SL10301A	External Antenna	R-SMA	5.7	TX/RX

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides three completed three transmitters and three receivers (3T3R).
2. ANT B for 1TX was found to be the worst case and recorded.
3. Two groups of antenna used with the same type, only differ in manufacturer and model name, group 2 is tested and recorded as the worst case in this report.

4.

Operating Mode / TX Mode	1TX	2TX	3TX
802.11a	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)
802.11n(20MHz)	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)
802.11n(40MHz)	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)
802.11ac(20MHz)	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)
802.11ac(40MHz)	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)
802.11ac(80MHz)	V (ANT A)	V (ANT A + ANT B)	V (ANT A + ANT B + ANT C)

3.2 DESCRIPTION OF TEST MODES

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

Pretest Test Mode	Description
Mode 1	TX 802.11a Mode / CH36, CH40, CH48(Band 1) TX 802.11a Mode / CH52, CH56, CH64(Band 2) TX 802.11a Mode / CH100, CH116, CH140(Band 3)
Mode 2	TX 802.11n(20 MHz) Mode / CH36, CH40, CH48(Band 1) TX 802.11n(20 MHz) Mode / CH52, CH56, CH64(Band 2) TX 802.11n(20 MHz) Mode / CH100, CH116, CH140(Band 3)
Mode 3	TX 802.11n(40 MHz) Mode / CH38, CH46 (Band 1) TX 802.11n(40 MHz) Mode / CH54, CH62 (Band 2) TX 802.11n(40 MHz) Mode/CH102, CH110, CH134(Band 3)
Mode 4	TX AC 20M Mode / CH36, CH40, CH48 (Band 1) TX AC 20M Mode / CH52, CH56, CH64 (Band 2) TX AC 20M Mode / CH100, CH116, CH140 (Band 3)
Mode 5	TX AC 40M Mode / CH38, CH46 (Band 1) TX AC 40M Mode / CH54, CH62 (Band 2) TX AC 40M Mode / CH102, CH110, CH134 (Band 3)
Mode 6	TX AC 80M Mode / CH42 (Band 1) TX AC 80M Mode / CH58 (Band 2) TX AC 80M Mode / CH106 (Band 3)
Mode 7	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 4	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX 802.11a Mode / CH36, CH40, CH48(Band 1) TX 802.11a Mode / CH52, CH56, CH64(Band 2) TX 802.11a Mode / CH100, CH116, CH140(Band 3)
Mode 2	TX 802.11n(20 MHz) Mode / CH36, CH40, CH48(Band 1) TX 802.11n(20 MHz) Mode / CH52, CH56, CH64(Band 2) TX 802.11n(20 MHz) Mode / CH100, CH116, CH140(Band 3)
Mode 3	TX 802.11n(40 MHz) Mode / CH38, CH46 (Band 1) TX 802.11n(40 MHz) Mode / CH54, CH62 (Band 2) TX 802.11n(40 MHz) Mode/CH102, CH110, CH134(Band 3)
Mode 4	TX AC 20M Mode / CH36, CH40, CH48 (Band 1) TX AC 20M Mode / CH52, CH56, CH64 (Band 2) TX AC 20M Mode / CH100, CH116, CH140 (Band 3)
Mode 5	TX AC 40M Mode / CH38, CH46 (Band 1) TX AC 40M Mode / CH54, CH62 (Band 2) TX AC 40M Mode / CH102, CH110, CH134 (Band 3)
Mode 6	TX AC 80M Mode / CH42 (Band 1) TX AC 80M Mode / CH58 (Band 2) TX AC 80M Mode / CH106 (Band 3)

Note: For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

1TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11a	11	15	15
Frequency (MHz)	5260	5280	5320
802.11a	15	16	10
Frequency (MHz)	5500	5580	5700
802.11a	13	17	9

1TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11n(20 MHz)	11	15	15
Frequency (MHz)	5260	5280	5320
802.11n(20 MHz)	15	16	10
Frequency (MHz)	5500	5580	5700
802.11n(20 MHz)	12	15	9

1TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11n(40 MHz)	11	15	
Frequency (MHz)	5270	5310	
802.11n(40 MHz)	15	11	
Frequency (MHz)	5510	5550	5670
802.11n(40 MHz)	15	15	14

1TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11ac(20 MHz)	11	15	15
Frequency (MHz)	5260	5280	5320
802.11ac(20 MHz)	15	16	10
Frequency (MHz)	5500	5580	5700
802.11ac(20 MHz)	11	15	9

1TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11ac(40 MHz)	11	15	
Frequency (MHz)	5270	5310	
802.11ac(40 MHz)	15	10	
Frequency (MHz)	5510	5550	5670
802.11ac(40 MHz)	15	15	14

1TX			
Test software version	Cart		
Frequency (MHz)	5210	5290	5530
802.11ac(80 MHz)	4	4	9

2TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11a	8	12	12
Frequency (MHz)	5260	5280	5320
802.11a	12	13	7
Frequency (MHz)	5500	5580	5700
802.11a	10	14	6

2TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11n(20 MHz)	8	12	12
Frequency (MHz)	5260	5280	5320
802.11n(20 MHz)	12	13	7
Frequency (MHz)	5500	5580	5700
802.11n(20 MHz)	9	12	6

2TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11n(40 MHz)	8	12	
Frequency (MHz)	5270	5310	
802.11n(40 MHz)	12	8	
Frequency (MHz)	5510	5550	5670
802.11n(40 MHz)	12	12	11

2TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11ac(20 MHz)	8	12	12
Frequency (MHz)	5260	5280	5320
802.11ac(20 MHz)	12	13	7
Frequency (MHz)	5500	5580	5700
802.11ac(20 MHz)	8	12	6

2TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11ac(40 MHz)	8	12	
Frequency (MHz)	5270	5310	
802.11ac(40 MHz)	12	7	
Frequency (MHz)	5510	5550	5670
802.11ac(40 MHz)	12	12	11

2TX			
Test software version	Cart		
Frequency (MHz)	5210	5290	5530
802.11ac(80 MHz)	1	1	6

3TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11a	6	10	10
Frequency (MHz)	5260	5280	5320
802.11a	10	11	5
Frequency (MHz)	5500	5580	5700
802.11a	7	12	4

3TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11n(20 MHz)	6	10	10
Frequency (MHz)	5260	5280	5320
802.11n(20 MHz)	10	11	5
Frequency (MHz)	5500	5580	5700
802.11n(20 MHz)	7	10	4

3TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11n(40 MHz)	6	10	
Frequency (MHz)	5270	5310	
802.11n(40 MHz)	10	6	
Frequency (MHz)	5510	5550	5670
802.11n(40 MHz)	10	10	9

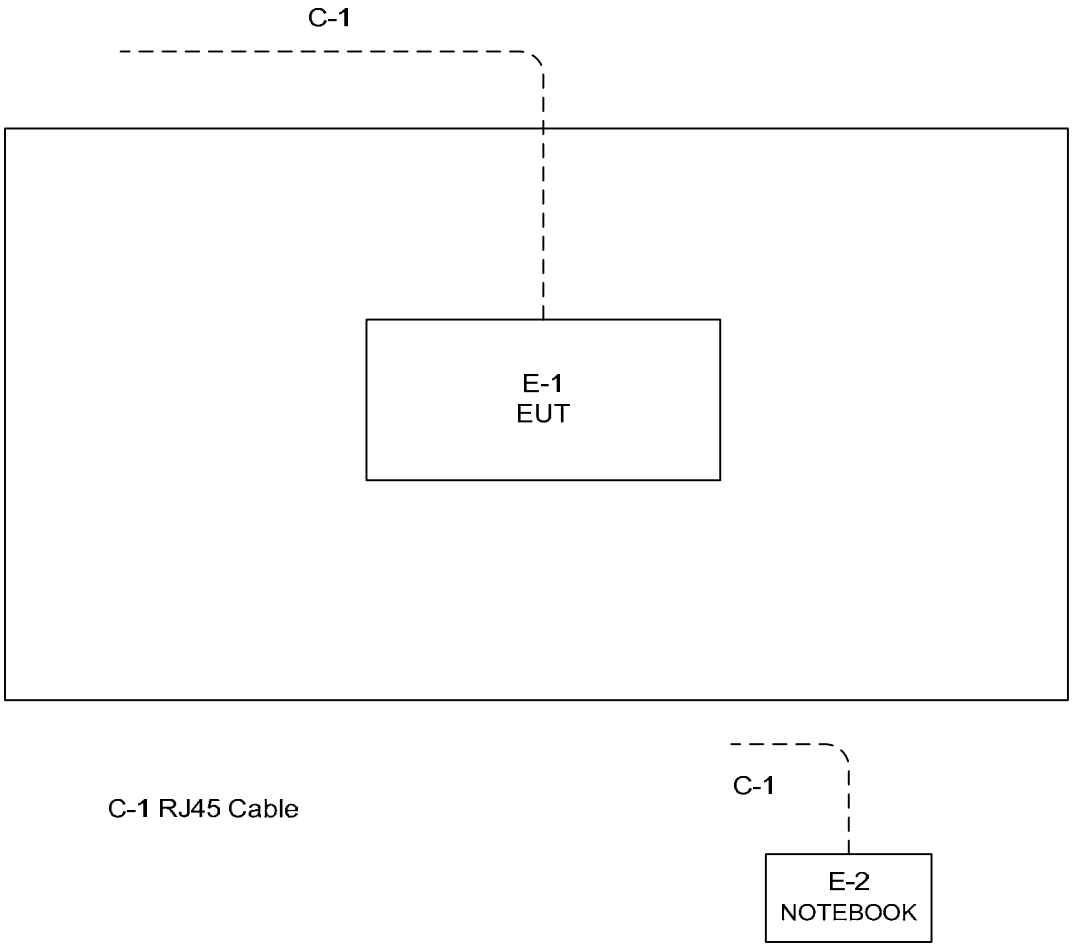
3TX			
Test software version	Cart		
Frequency (MHz)	5180	5200	5240
802.11ac(20 MHz)	6	10	10
Frequency (MHz)	5260	5280	5320
802.11ac(20 MHz)	10	11	5
Frequency (MHz)	5500	5580	5700
802.11ac(20 MHz)	6	10	4

3TX			
Test software version	Cart		
Frequency (MHz)	5190	5230	
802.11ac(40 MHz)	6	10	
Frequency (MHz)	5270	5310	
802.11ac(40 MHz)	10	5	
Frequency (MHz)	5510	5550	5670
802.11ac(40 MHz)	10	10	9

3TX			
Test software version	Cart		
Frequency (MHz)	5210	5290	5530
802.11ac(80 MHz)	0	0	4

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated TX Mode:



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-2	NOTEBOOK	HP	HP NB 331	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

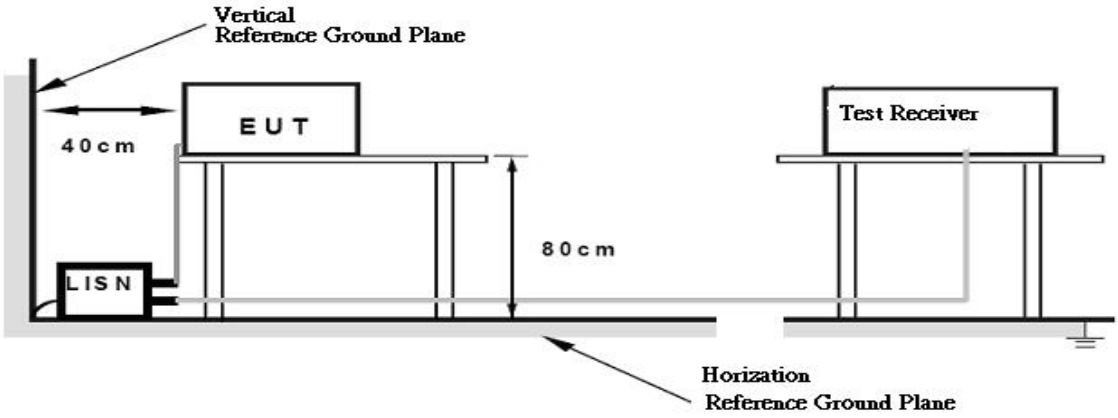
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform.In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
(2) Measuring frequency range from 150KHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a) and RSS-210 section 2.2&A8.5, then the 15.209(a) and RSS-Gen limit in the table below has to be followed.

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

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27	68.3
	-17	78.3

NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

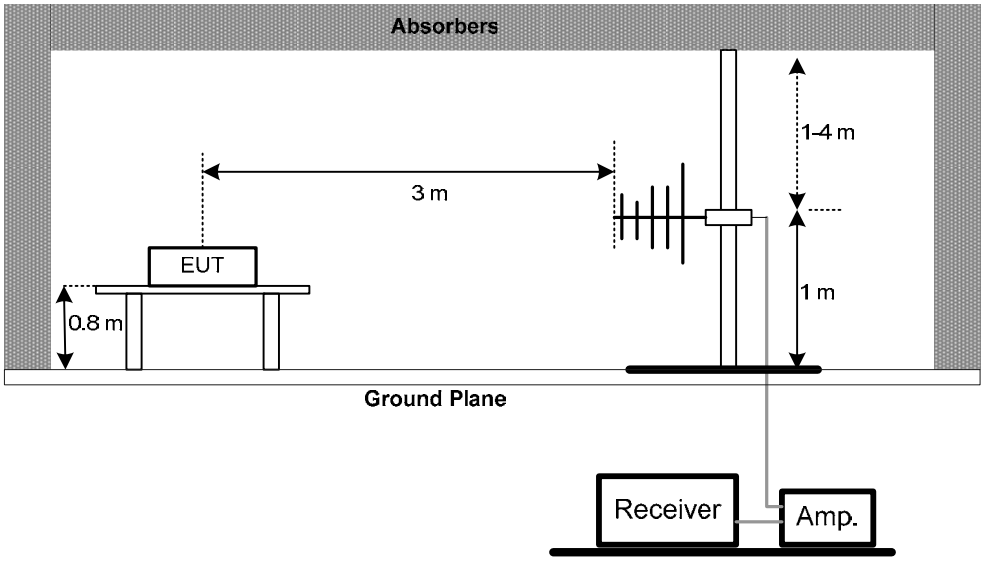
a. The measuring distance of at 1.5m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

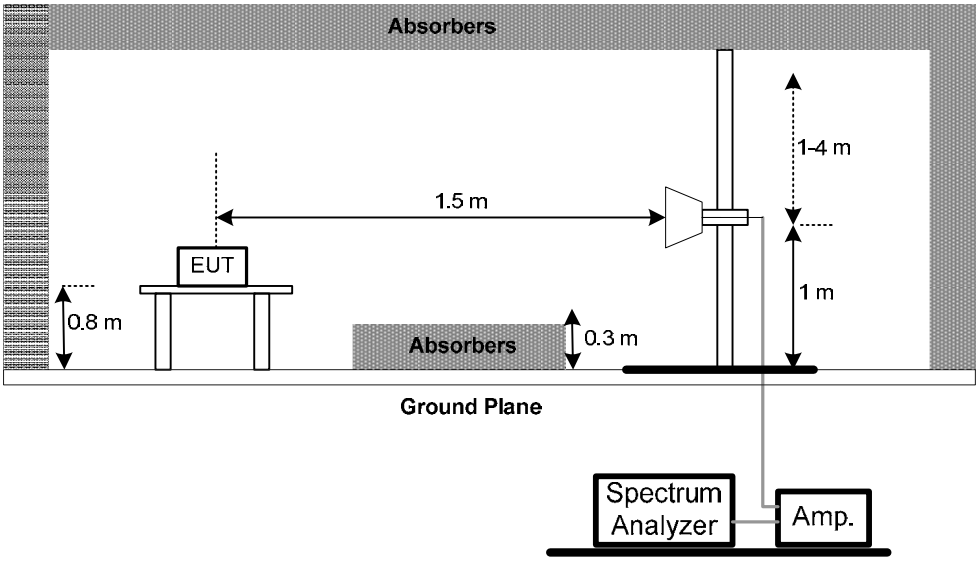
No deviation

4.2.4 TEST SETUP

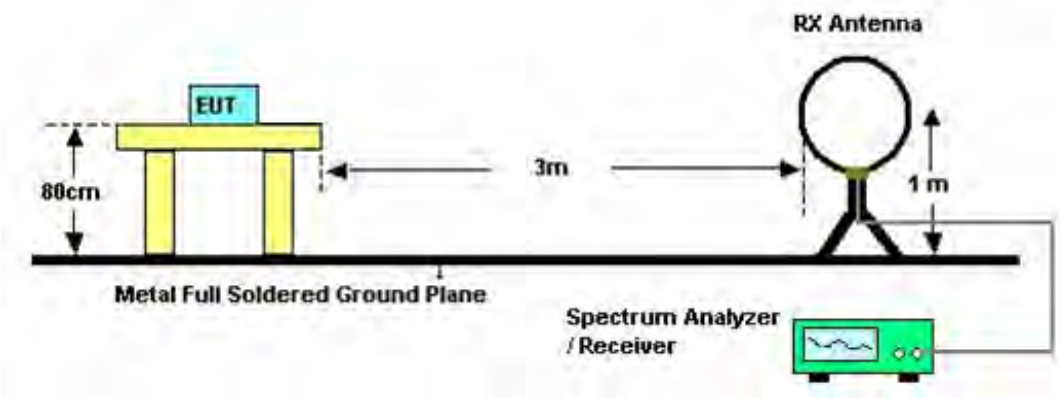
Radiated Emission Test Set-Up Frequency30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.
(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
(3) Measuring frequency range from 30MHz to 1000MHz.
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(6) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-210: 2010			
Test Item	Limit	Frequency Range (MHz)	Result
26 dB Bandwidth	------	5150MHz~5250 5250MHz~5350 5470MHz~5725	PASS

5.1.1 TEST PROCEDURE

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

b.

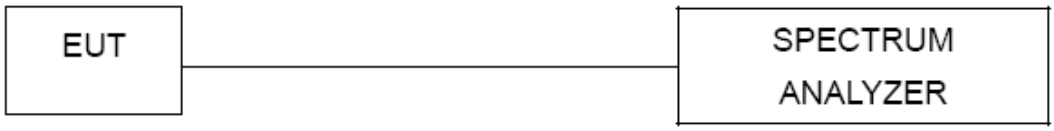
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RB	300 kHz
VB	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-210: 2010			
Test Item	Frequency Range (MHz)	Limit	Result
Conducted Output Power	5150 - 5250	not exceed the lesser of 50 mW (17dBm) or 4 dBm + 10log B (FCC Part15, Subpart E)	PASS
	5150 - 5250	not exceed the lesser of 200 mW (23dBm) or 10+ 10log B, (RSS-210: 2010)	PASS
	5250 - 5350	not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B	PASS
	5470 - 5725	not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B	PASS

Note: where "B" is the 26 dB emissions bandwidth in MHz.

6.1.1 TEST PROCEDURE

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

b.

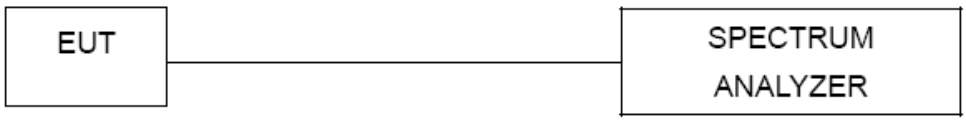
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz.
VBW	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

b. Test was performed in accordance with method of KDB 789033 D01.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-210: 2010			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27 dBm/1MHz	5150 – 5250 5250 – 5350 5470 – 5725	PASS

7.1.1 TEST PROCEDURE

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

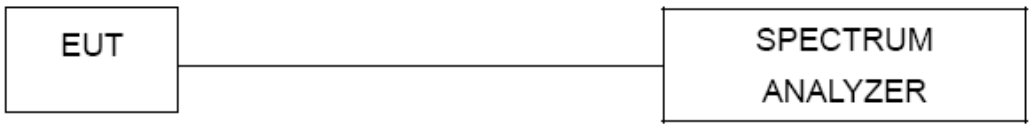
b.

Spectrum Parameter	Setting
Attenuation	Auto
RB	1000 kHz
VB	1000 kHz
Trace	Max Hold
Sweep Time	Auto

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-210: 2010			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	4 dBm	5150 - 5250	PASS
	11 dBm	5250 - 5350	PASS
	11 dBm	5470 - 5725	PASS

8.1.1 TEST PROCEDURE

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

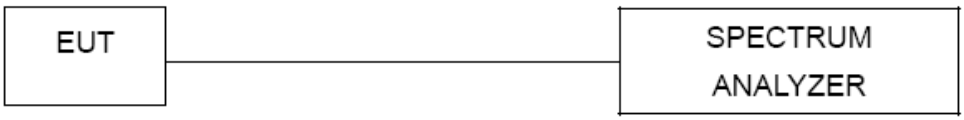
b.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. PEAK EXCURSION MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-210: 2010			
Test Item	Limit	Frequency Range (MHz)	Result
Peak Excursion Measurement	13 dB	5150 - 5250	PASS
		5250 - 5350	PASS
		5470 - 5725	PASS

9.1.1 TEST PROCEDURE

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

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	1000 kHz (Peak Trace) / 1000 kHz (Average Trace)
VB	3000 kHz (Peak Trace) / 3000 kHz (Average Trace)
Detector	Peak (Peak Trace) / RMS (Average Trace)
Trace	Max Hold
Sweep Time	60s

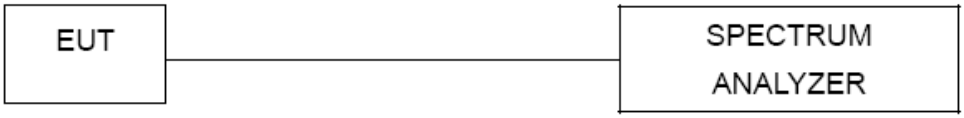
c. Peak Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.

d. Average Trace: set RBW = 1 MHz, VBW = 3 MHz with RMS detector and trace average across 100 traces in power averaging mode.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. FREQUENCY STABILITY MEASUREMENT

10.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E 15.407(g) / RSS-210 A1.1.4			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	specified in the user's manual	5150 – 5250	PASS
		5250 – 5350	PASS
		5470 – 5725	PASS

10.1.1 TEST PROCEDURE

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

b.

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

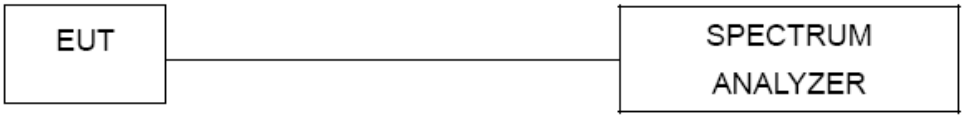
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. user manual temperature is 0°C~50°C.

10.1.2 DEVIATION FROM STANDARD

No deviation.

10.1.3 TEST SETUP



10.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

10.1.5 EUT TEST CONDITIONS

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

10.1.6 TEST RESULTS

Please refer to the Attachment J.

11. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 29, 2015
2	LISN	R&S	ENV216	101447	Mar. 29, 2015
3	Test Cable	N/A	C_17	N/A	Mar. 14, 2015
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 29, 2015
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 29, 2015

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 29, 2015
2	Amplifier	HP	8447D	2944A09673	Mar. 29, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Aug. 24, 2014
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 02, 2014
5	Antenna	ETS	3115	00075789	Mar. 29, 2015
6	Amplifier	Agilent	8449B	3008A02274	Mar. 29, 2015
7	Receiver	AGILENT	N9038A	MY52130039	Aug. 24, 2014
8	Test Cable	HUBER+SUHNER	C-48	N/A	Apr. 30, 2015
9	Controller	CT	SC100	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	Mar. 29, 2015
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Mar. 29, 2015

26dB Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

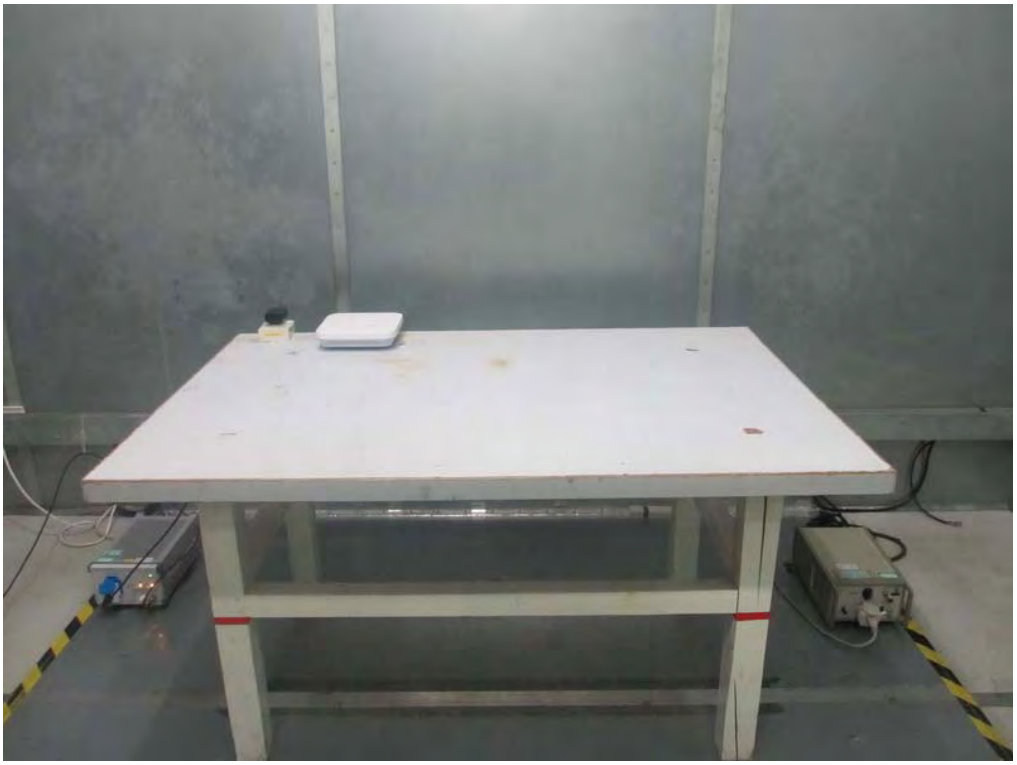
Peak Excurison Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 25, 2014

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

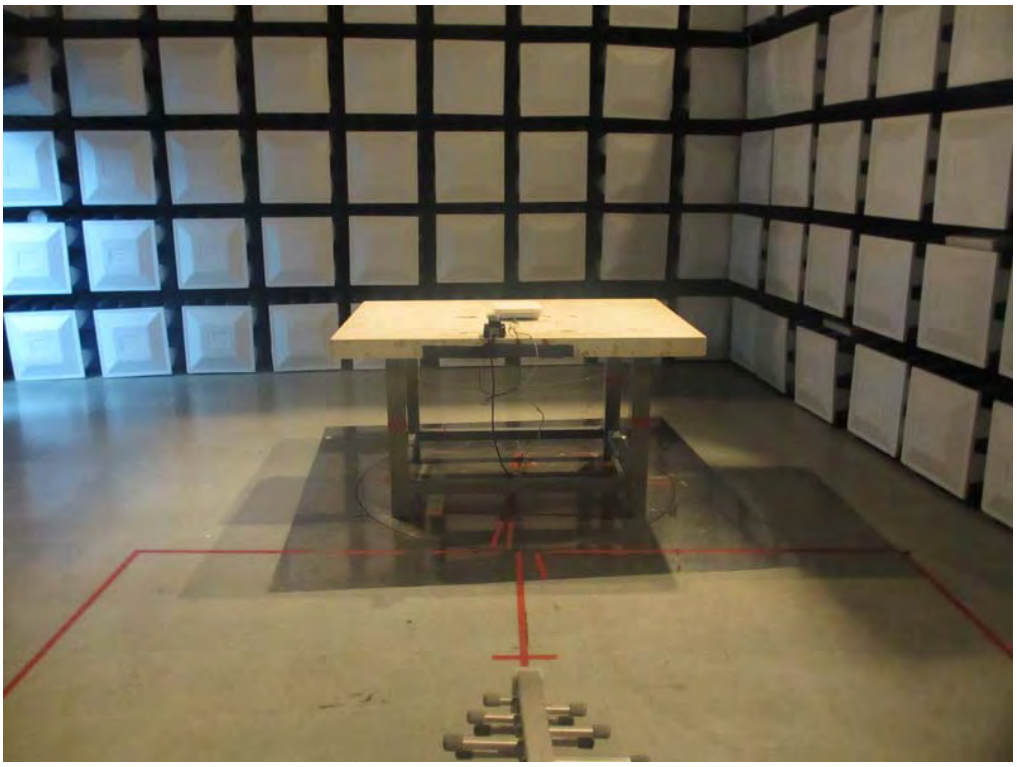
12. EUT TEST PHOTOS

Conducted Measurement Photos



Radiated Measurement Photos
9KHz~30MHz

Radiated Measurement Photos
30~1000MHz

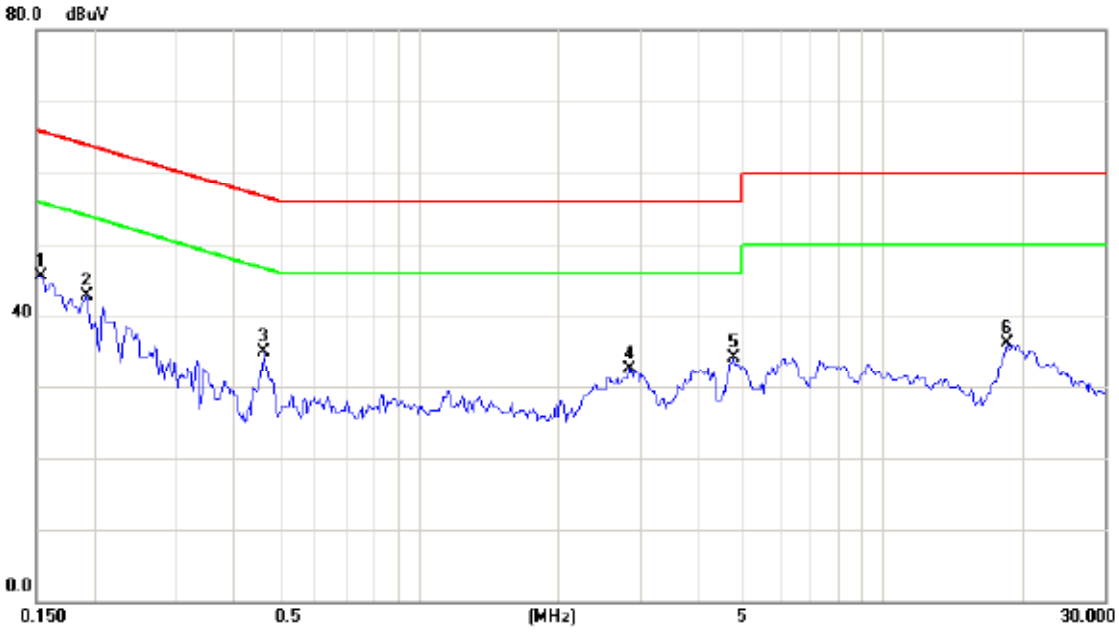


Radiated Measurement Photos
Above 1000MHz

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX Mode

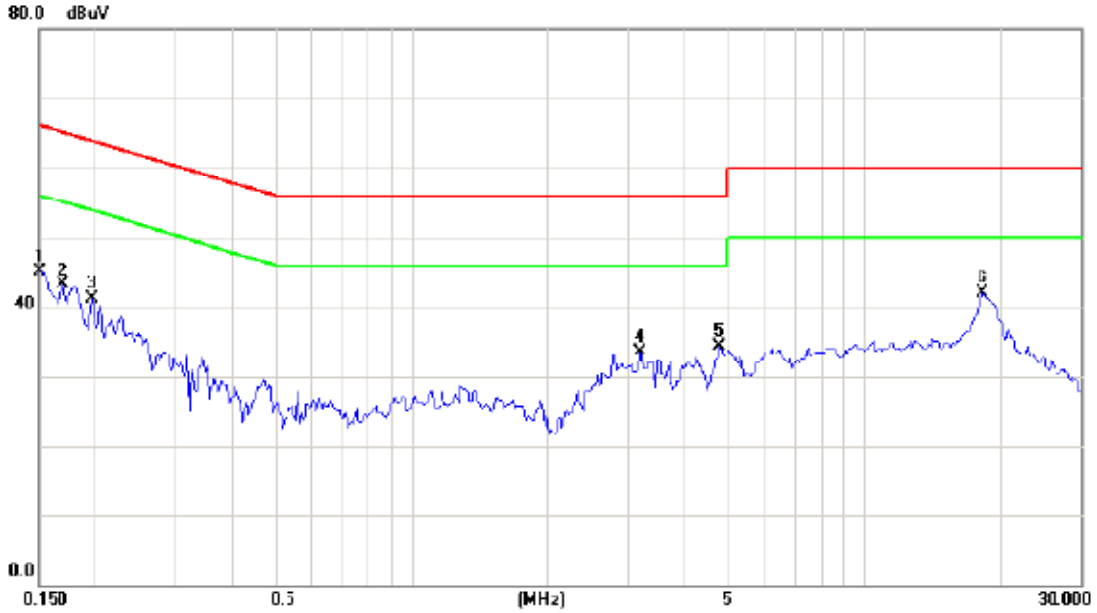
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	35.94	9.63	45.57	65.78	-20.21	peak	
2		0.1930	33.00	9.65	42.65	63.91	-21.26	peak	
3		0.4625	25.15	9.70	34.85	56.65	-21.80	peak	
4		2.8413	22.63	9.86	32.49	56.00	-23.51	peak	
5		4.7500	24.11	9.92	34.03	56.00	-21.97	peak	
6		18.5117	25.82	10.27	36.09	60.00	-23.91	peak	

Test Mode :	TX Mode

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	35.50	9.70	45.20	66.00	-20.80	peak	
2		0.1695	33.44	9.70	43.14	64.98	-21.84	peak	
3		0.1970	31.33	9.71	41.04	63.74	-22.70	peak	
4		3.1953	23.71	9.90	33.61	56.00	-22.39	peak	
5		4.7852	24.49	9.95	34.44	56.00	-21.56	peak	
6	*	18.2930	31.39	10.44	41.83	60.00	-18.17	peak	

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

Test Mode:	TX Mode

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0094	0°	17.35	24.30	41.65	128.19	-86.54	AV
0.0094	0°	19.86	24.30	44.16	148.19	-104.03	PK
0.0125	0°	18.05	24.30	42.35	125.70	-83.35	AV
0.0125	0°	20.74	24.30	45.04	145.70	-100.66	PK
0.0268	0°	17.72	23.87	41.59	119.06	-77.47	AV
0.0268	0°	20.44	23.87	44.31	139.06	-94.75	PK
0.0348	0°	18.14	23.36	41.50	116.77	-75.27	AV
0.0348	0°	20.67	23.36	44.03	136.77	-92.74	PK
0.4264	0°	18.32	19.98	38.30	95.01	-56.71	AV
0.4264	0°	20.78	19.98	40.76	115.01	-74.25	PK
1.2745	0°	19.56	19.57	39.13	65.50	-26.36	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0095	90°	18.26	24.30	42.56	128.01	-85.45	AVG
0.0095	90°	20.59	24.30	44.89	148.01	-103.12	PK
0.0257	90°	17.62	23.94	41.56	119.41	-77.85	AVG
0.0257	90°	20.09	23.94	44.03	139.41	-95.38	PK
0.0372	90°	19.11	23.21	42.32	116.19	-73.87	AVG
0.0372	90°	20.54	23.21	43.75	136.19	-92.44	PK
0.0469	90°	18.16	22.60	40.76	114.18	-73.42	AVG
0.0469	90°	20.95	22.60	43.55	134.18	-90.63	PK
0.2765	90°	17.35	20.34	37.69	98.77	-61.08	AVG
0.2765	90°	20.67	20.34	41.01	118.77	-77.76	PK
1.3850	90°	18.52	19.56	38.08	64.78	-26.69	QP

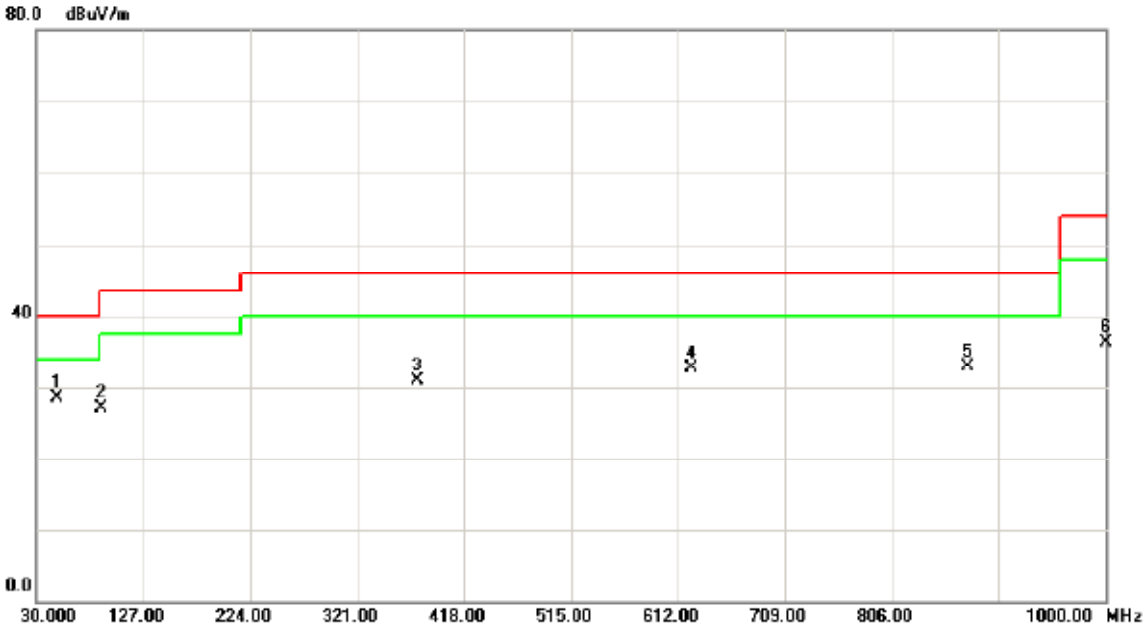
Remark:

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

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

Test Mode :	Band 1/TX 802.11a Mode 5180MHz

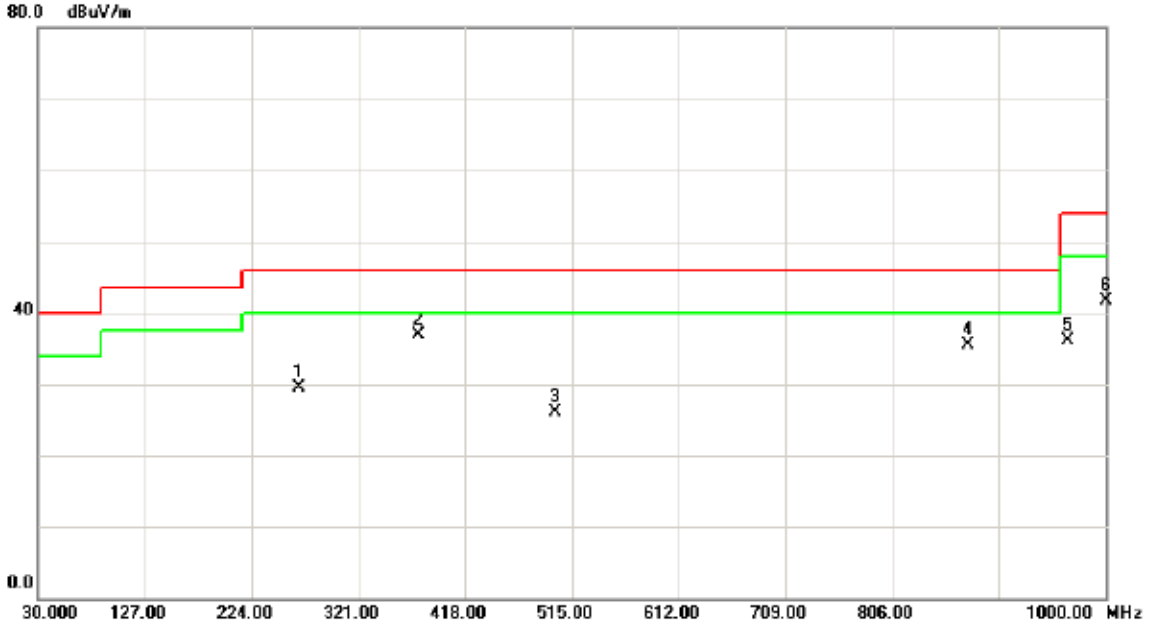
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	43.02	-14.57	28.45	40.00	-11.55	peak	
2		89.1700	45.09	-18.07	27.02	43.50	-16.48	peak	
3		375.3200	41.66	-10.66	31.00	46.00	-15.00	peak	
4		624.6100	39.50	-6.86	32.64	46.00	-13.36	peak	
5		874.8700	35.32	-2.48	32.84	46.00	-13.16	peak	
6		1000.000	36.10	0.26	36.36	54.00	-17.64	peak	

Test Mode :	Band 1/TX 802.11a Mode 5180MHz

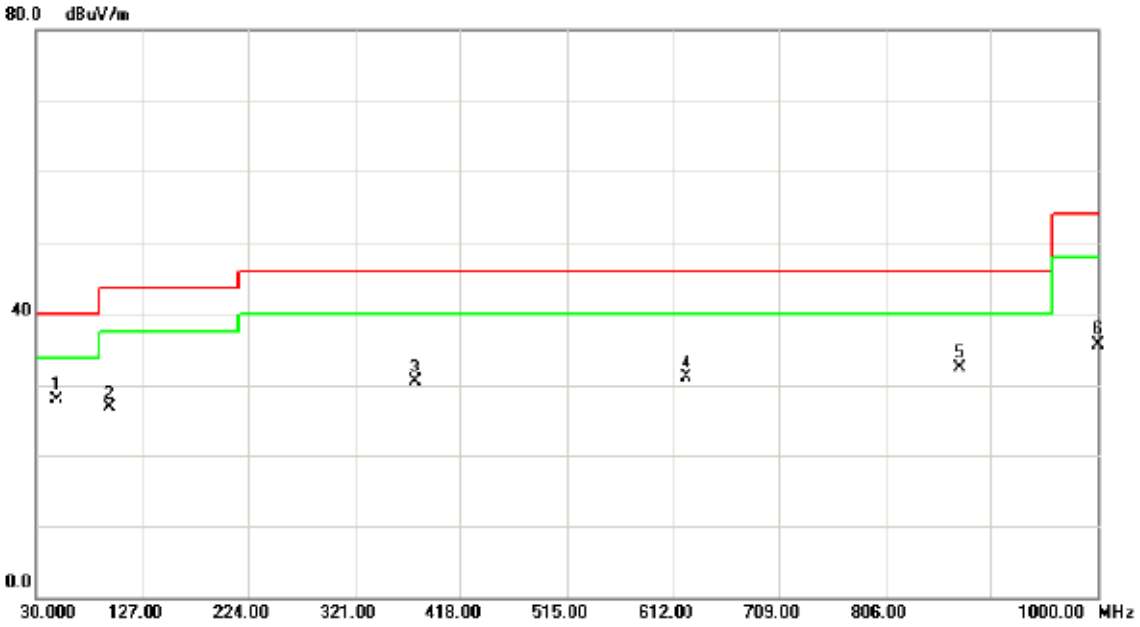
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	43.77	-14.18	29.59	46.00	-16.41	peak	
2	*	375.3200	47.48	-10.66	36.82	46.00	-9.18	peak	
3		500.4500	36.32	-10.31	26.01	46.00	-19.99	peak	
4		874.8700	37.95	-2.48	35.47	46.00	-10.53	peak	
5		966.0500	36.38	-0.27	36.11	54.00	-17.89	peak	
6		1000.000	41.51	0.26	41.77	54.00	-12.23	peak	

Test Mode :	Band 1/TX 802.11a Mode 5200MHz

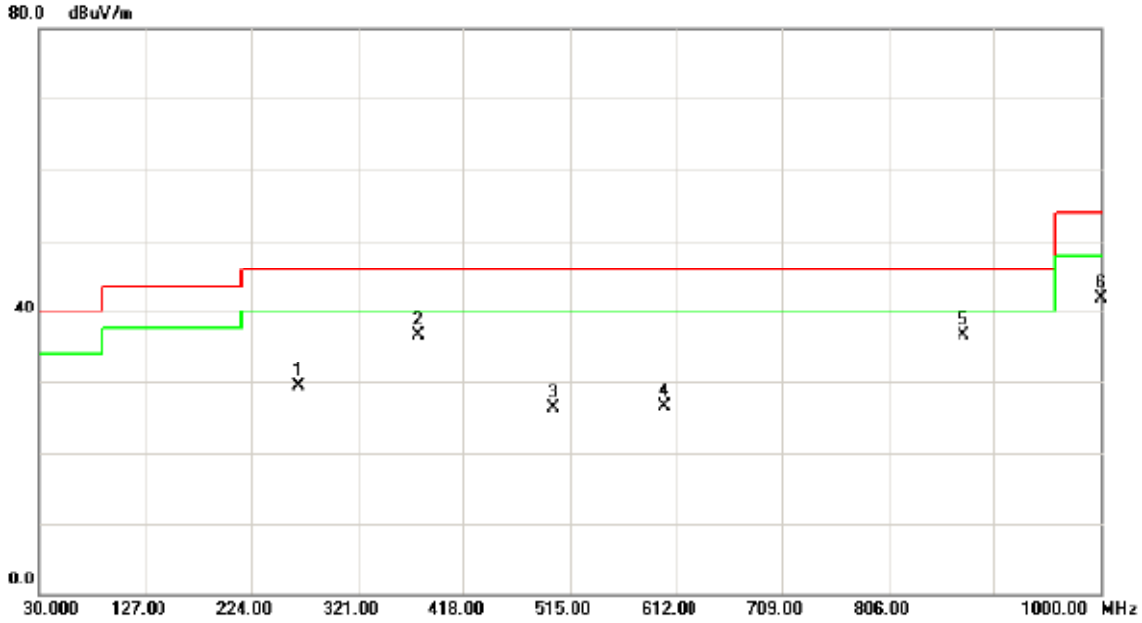
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	42.54	-14.57	27.97	40.00	-12.03	peak	
2		95.9600	43.68	-17.07	26.61	43.50	-16.89	peak	
3		375.3200	41.08	-10.66	30.42	46.00	-15.58	peak	
4		624.6100	37.97	-6.86	31.11	46.00	-14.89	peak	
5		874.8700	34.98	-2.48	32.50	46.00	-13.50	peak	
6		1000.000	35.48	0.26	35.74	54.00	-18.26	peak	

Test Mode :	Band 1/TX 802.11a Mode 5200MHz

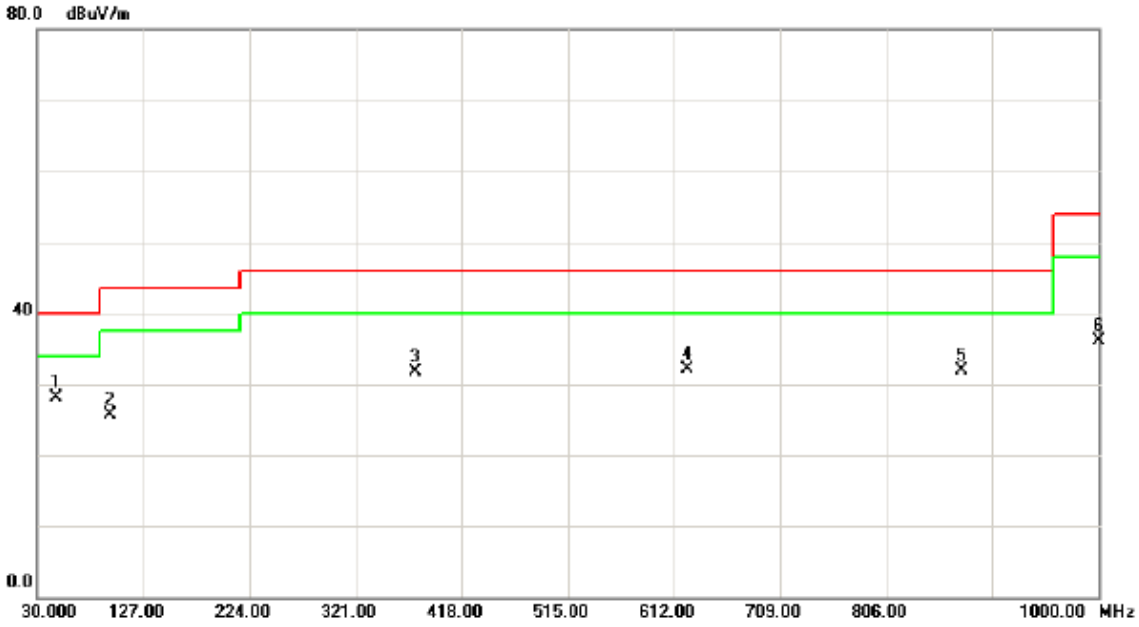
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	43.44	-14.18	29.26	46.00	-16.74	peak	
2	*	375.3200	47.25	-10.66	36.59	46.00	-9.41	peak	
3		500.4500	36.52	-10.31	26.21	46.00	-19.79	peak	
4		600.3600	34.56	-8.08	26.48	46.00	-19.52	peak	
5		874.8700	38.89	-2.48	36.41	46.00	-9.59	peak	
6		1000.000	41.63	0.26	41.89	54.00	-12.11	peak	

Test Mode :	Band 1/TX 802.11a Mode 5240MHz

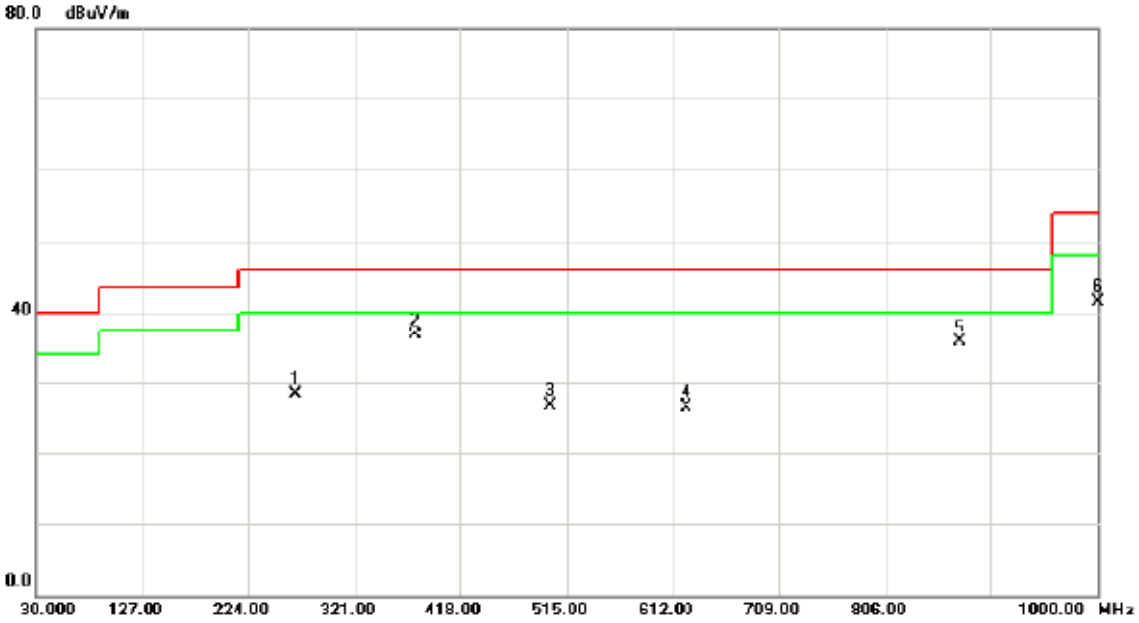
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	42.57	-14.40	28.17	40.00	-11.83	peak	
2		95.9600	42.84	-17.07	25.77	43.50	-17.73	peak	
3		375.3200	42.28	-10.66	31.62	46.00	-14.38	peak	
4		624.6100	38.87	-6.86	32.01	46.00	-13.99	peak	
5		874.8700	34.39	-2.48	31.91	46.00	-14.09	peak	
6		1000.000	35.90	0.26	36.16	54.00	-17.84	peak	

Test Mode :	Band 1/TX 802.11a Mode 5240MHz

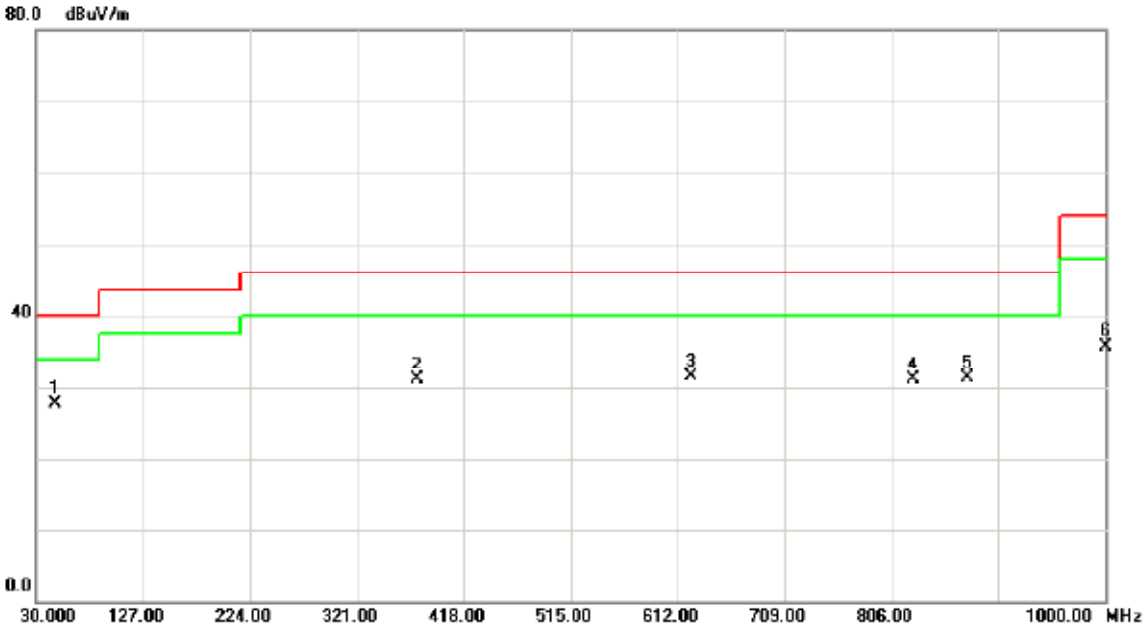
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	42.39	-14.18	28.21	46.00	-17.79	peak	
2	*	375.3200	47.34	-10.66	36.68	46.00	-9.32	peak	
3		500.4500	37.03	-10.31	26.72	46.00	-19.28	peak	
4		624.6100	33.39	-6.86	26.53	46.00	-19.47	peak	
5		874.8700	38.13	-2.48	35.65	46.00	-10.35	peak	
6		1000.000	41.31	0.26	41.57	54.00	-12.43	peak	

Test Mode :	Band 2/TX 802.11a Mode 5260MHz

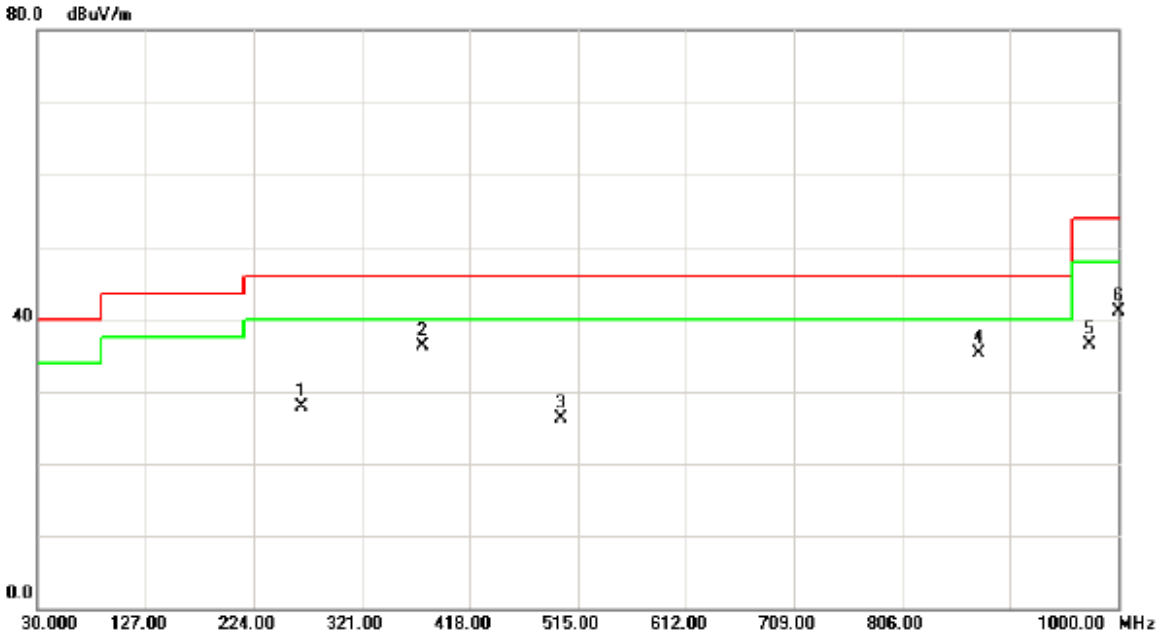
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	42.04	-14.40	27.64	40.00	-12.36	peak	
2		375.3200	41.75	-10.66	31.09	46.00	-14.91	peak	
3		624.6100	38.34	-6.86	31.48	46.00	-14.52	peak	
4		826.3700	34.46	-3.40	31.06	46.00	-14.94	peak	
5		874.8700	33.86	-2.48	31.38	46.00	-14.62	peak	
6		1000.000	35.37	0.26	35.63	54.00	-18.37	peak	

Test Mode :	Band 2/TX 802.11a Mode 5260MHz

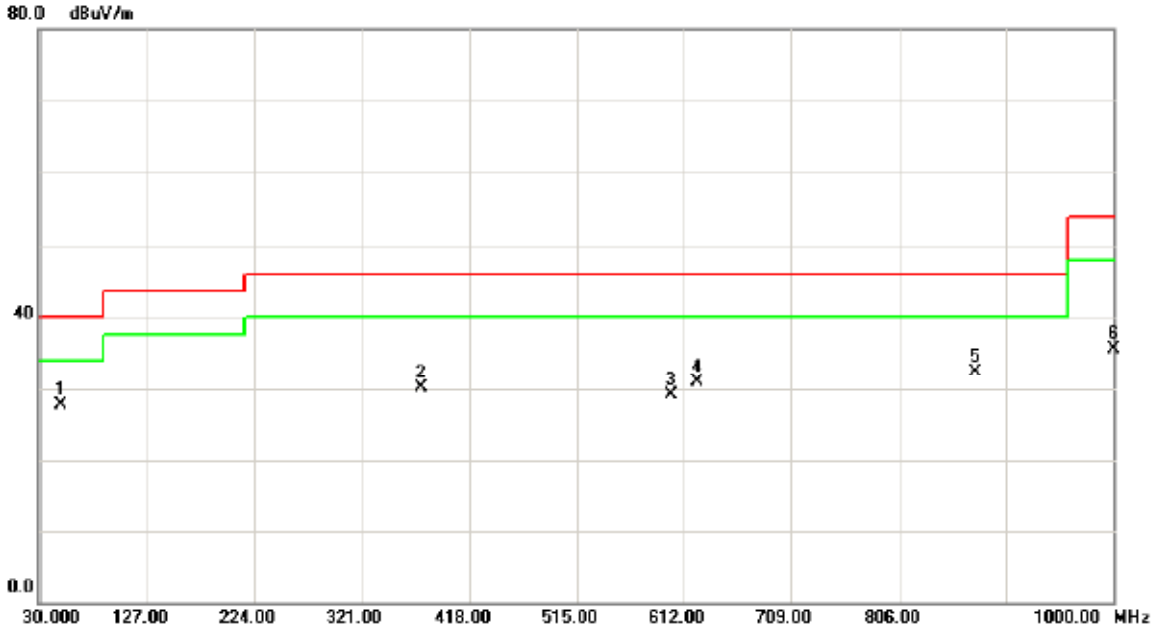
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	42.00	-14.18	27.82	46.00	-18.18	peak	
2	*	375.3200	46.95	-10.66	36.29	46.00	-9.71	peak	
3		500.4500	36.64	-10.31	26.33	46.00	-19.67	peak	
4		874.8700	37.74	-2.48	35.26	46.00	-10.74	peak	
5		974.7800	36.71	-0.13	36.58	54.00	-17.42	peak	
6		1000.000	40.92	0.26	41.18	54.00	-12.82	peak	

Test Mode :	Band 2/TX 802.11a Mode 5280MHz

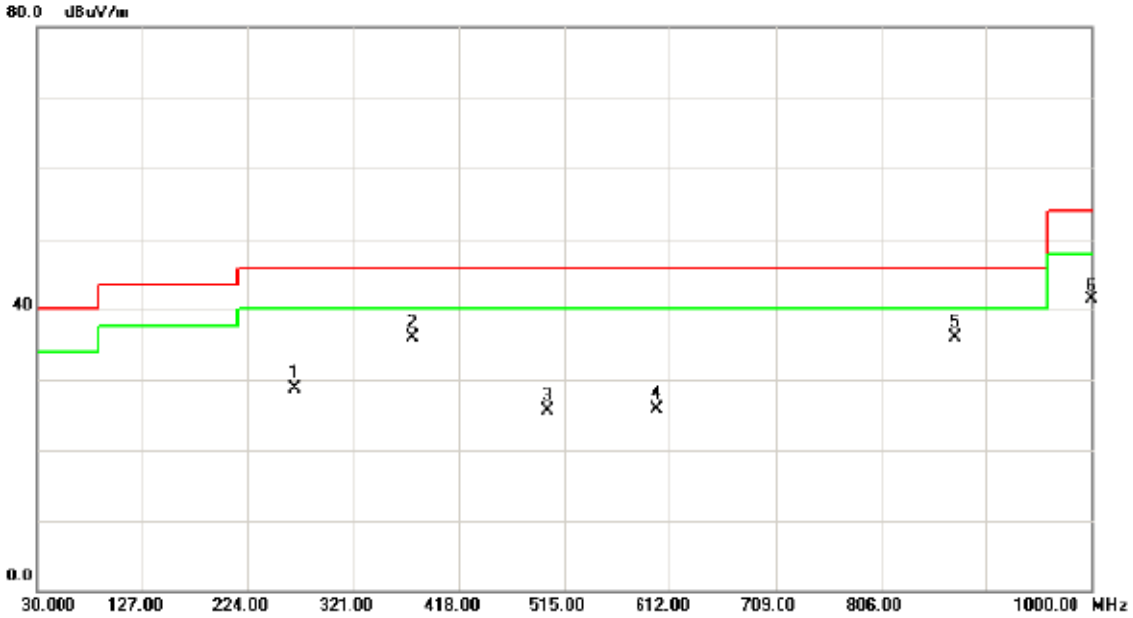
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	42.26	-14.57	27.69	40.00	-12.31	peak	
2		375.3200	40.80	-10.66	30.14	46.00	-15.86	peak	
3		600.3600	37.15	-8.08	29.07	46.00	-16.93	peak	
4		624.6100	37.69	-6.86	30.83	46.00	-15.17	peak	
5		874.8700	34.70	-2.48	32.22	46.00	-13.78	peak	
6		1000.000	35.20	0.26	35.46	54.00	-18.54	peak	

Test Mode :	Band 2/TX 802.11a Mode 5280MHz

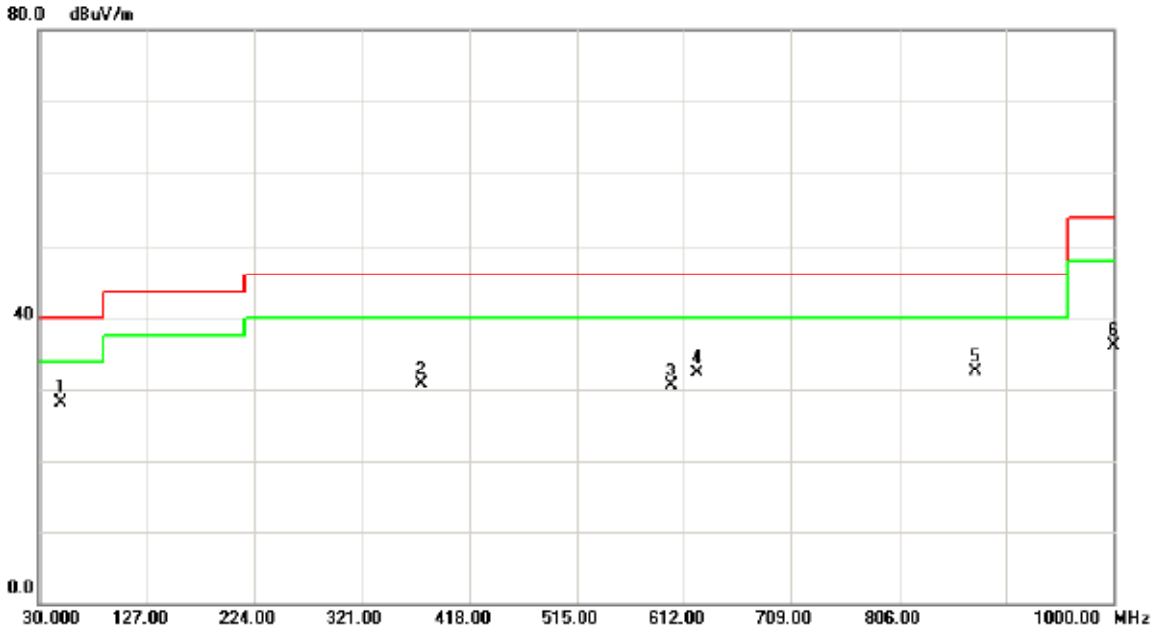
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	42.85	-14.18	28.67	46.00	-17.33	peak	
2	*	375.3200	46.66	-10.66	36.00	46.00	-10.00	peak	
3		500.4500	35.93	-10.31	25.62	46.00	-20.38	peak	
4		600.3600	33.97	-8.08	25.89	46.00	-20.11	peak	
5		874.8700	38.29	-2.48	35.81	46.00	-10.19	peak	
6		1000.000	41.04	0.26	41.30	54.00	-12.70	peak	

Test Mode :	Band 2/TX 802.11a Mode 5320MHz

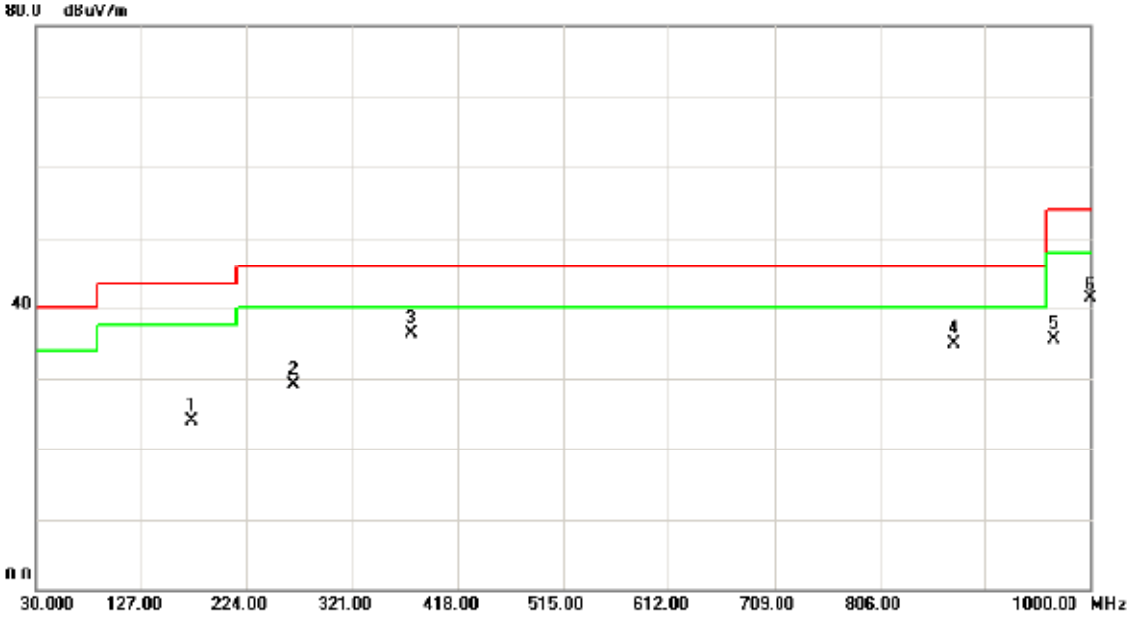
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	42.67	-14.57	28.10	40.00	-11.90	peak	
2		375.3200	41.31	-10.66	30.65	46.00	-15.35	peak	
3		600.3600	38.59	-8.08	30.51	46.00	-15.49	peak	
4		624.6100	39.15	-6.86	32.29	46.00	-13.71	peak	
5		874.8700	34.97	-2.48	32.49	46.00	-13.51	peak	
6		1000.000	35.75	0.26	36.01	54.00	-17.99	peak	

Test Mode :	Band 2/TX 802.11a Mode 5320MHz

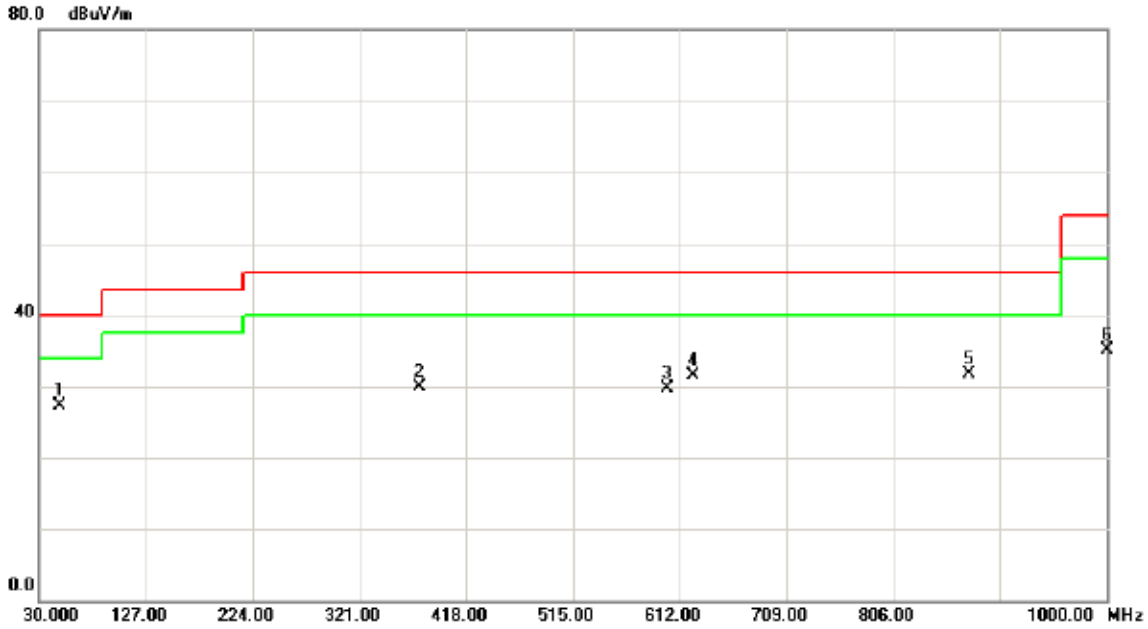
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		172.5900	36.92	-12.75	24.17	43.50	-19.33	peak	
2		266.6800	43.26	-14.18	29.08	46.00	-16.92	peak	
3	*	375.3200	46.97	-10.66	36.31	46.00	-9.69	peak	
4		874.8700	37.44	-2.48	34.96	46.00	-11.04	peak	
5		966.0500	35.86	-0.27	35.59	54.00	-18.41	peak	
6		1000.000	41.00	0.26	41.26	54.00	-12.74	peak	

Test Mode :	Band 3/TX 802.11a Mode 5500MHz

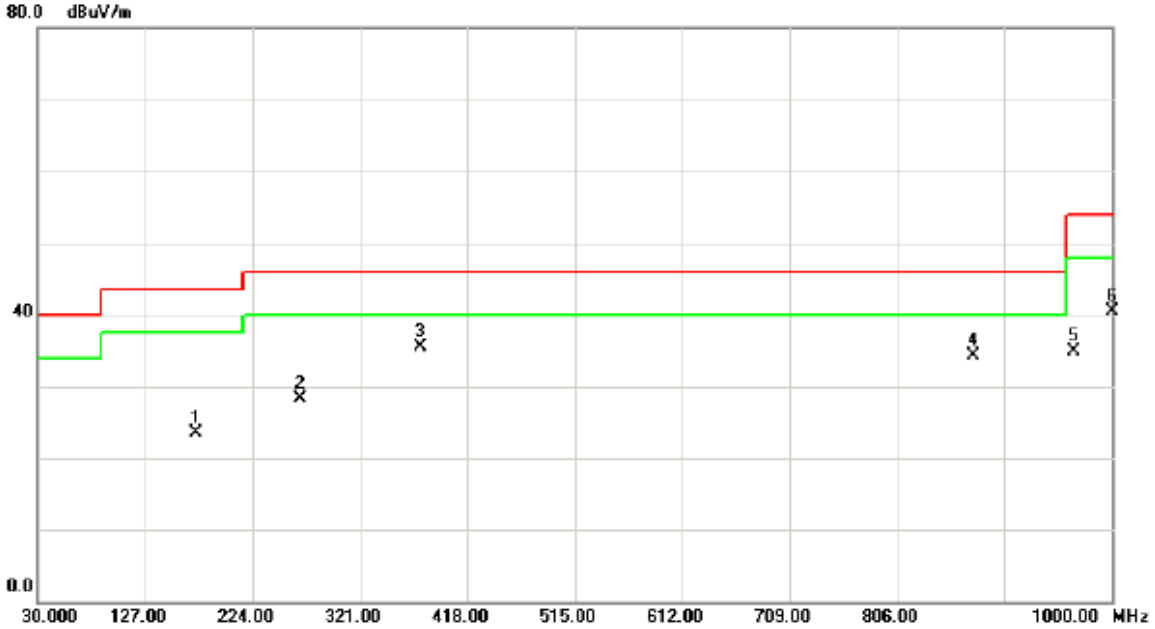
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	41.85	-14.57	27.28	40.00	-12.72	peak	
2		375.3200	40.49	-10.66	29.83	46.00	-16.17	peak	
3		600.3600	37.77	-8.08	29.69	46.00	-16.31	peak	
4		624.6100	38.33	-6.86	31.47	46.00	-14.53	peak	
5		874.8700	34.15	-2.48	31.67	46.00	-14.33	peak	
6		1000.000	34.93	0.26	35.19	54.00	-18.81	peak	

Test Mode :	Band 3/TX 802.11a Mode 5500MHz

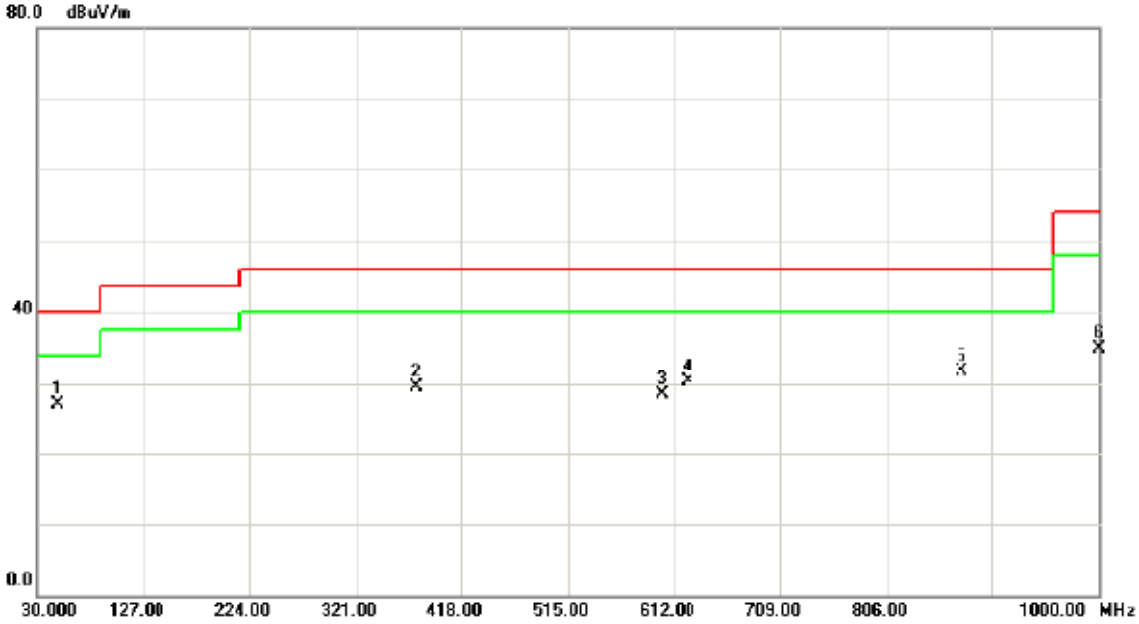
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		172.5900	36.21	-12.75	23.46	43.50	-20.04	peak	
2		266.6800	42.55	-14.18	28.37	46.00	-17.63	peak	
3	*	375.3200	46.26	-10.66	35.60	46.00	-10.40	peak	
4		874.8700	36.73	-2.48	34.25	46.00	-11.75	peak	
5		966.0500	35.15	-0.27	34.88	54.00	-19.12	peak	
6		1000.000	40.29	0.26	40.55	54.00	-13.45	peak	

Test Mode :	Band 3/TX 802.11a Mode 5580MHz

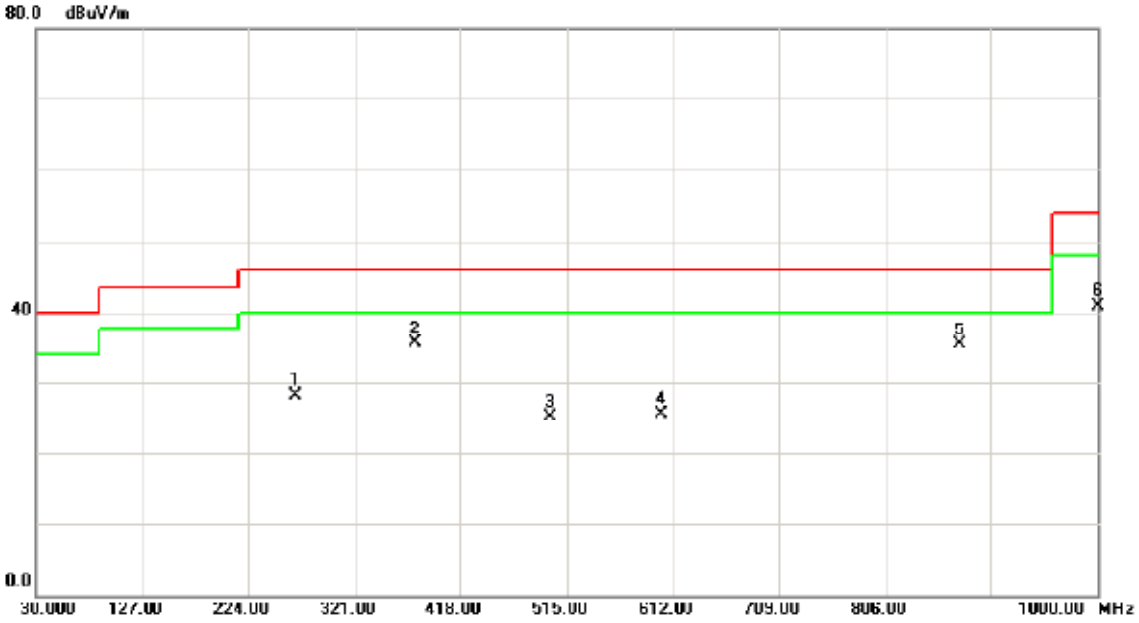
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48.4300	41.70	-14.57	27.13	40.00	-12.87	peak	
2		375.3200	40.24	-10.66	29.58	46.00	-16.42	peak	
3		600.3600	36.59	-8.08	28.51	46.00	-17.49	peak	
4		624.6100	37.13	-6.86	30.27	46.00	-15.73	peak	
5		874.8700	34.14	-2.48	31.66	46.00	-14.34	peak	
6		1000.000	34.64	0.26	34.90	54.00	19.10	peak	

Test Mode :	Band 3/TX 802.11a Mode 5580MHz

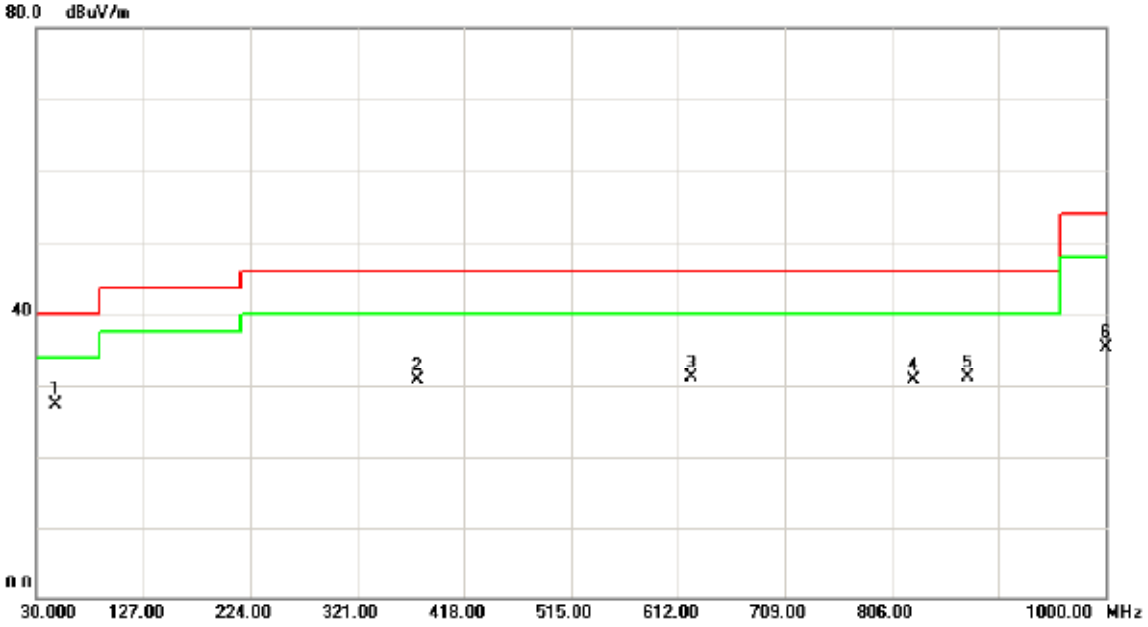
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	42.37	-14.18	28.19	46.00	-17.81	peak	
2	*	375.3200	46.18	-10.66	35.52	46.00	-10.48	peak	
3		500.4500	35.45	-10.31	25.14	46.00	-20.86	peak	
4		600.3600	33.49	-8.08	25.41	46.00	-20.59	peak	
5		874.8700	37.82	-2.48	35.34	46.00	-10.66	peak	
6		1000.000	40.56	0.26	40.82	54.00	-13.18	peak	

Test Mode :	Band 3/TX 802.11a Mode 5700MHz

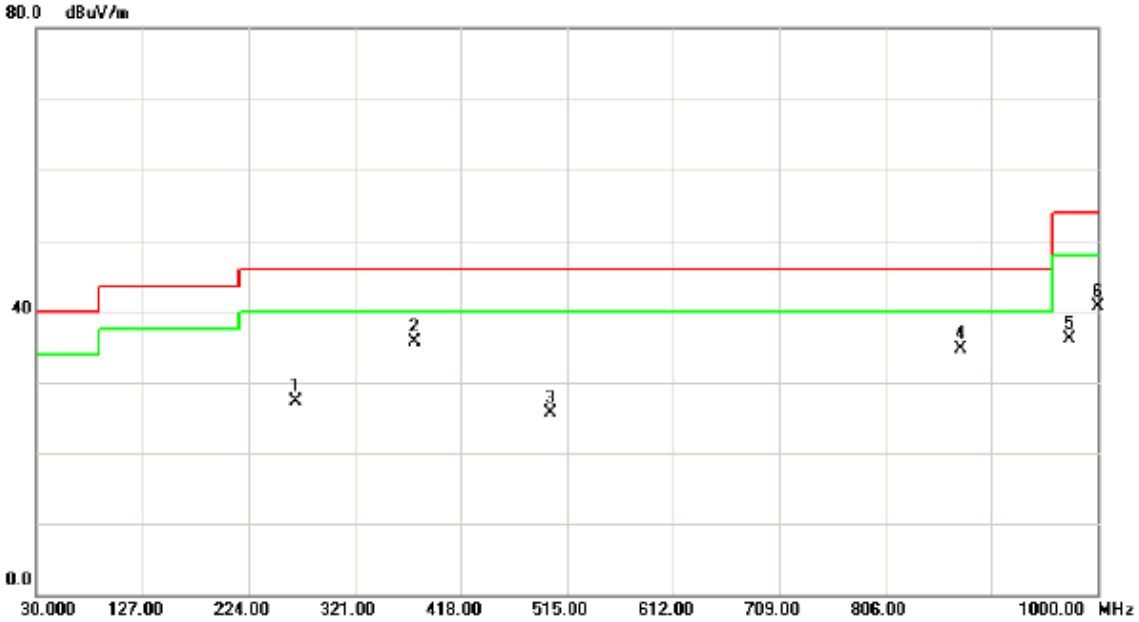
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	41.67	-14.40	27.27	40.00	-12.73	peak	
2		375.3200	41.38	-10.66	30.72	46.00	-15.28	peak	
3		624.6100	37.97	-6.86	31.11	46.00	-14.89	peak	
4		826.3700	34.09	-3.40	30.69	46.00	-15.31	peak	
5		874.8700	33.49	-2.48	31.01	46.00	-14.99	peak	
6		1000.000	35.00	0.26	35.26	54.00	-18.74	peak	

Test Mode :	Band 3/TX 802.11a Mode 5700MHz

Horizontal

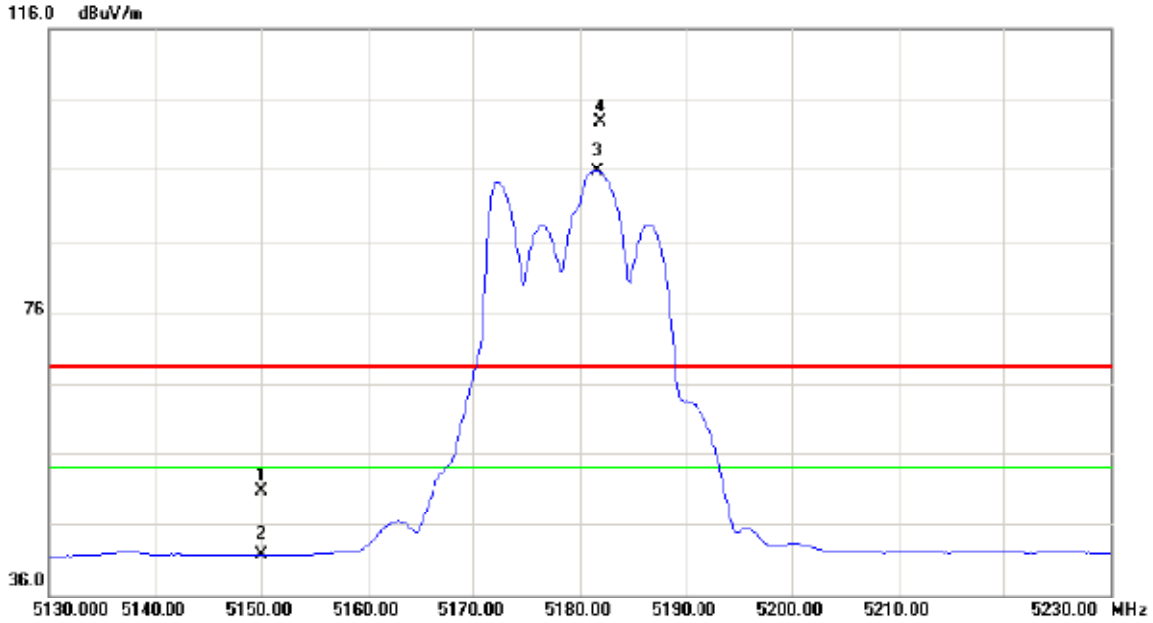


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		266.6800	41.45	-14.18	27.27	46.00	-18.73	peak	
2	*	375.3200	46.40	-10.66	35.74	46.00	-10.26	peak	
3		500.4500	36.09	-10.31	25.78	46.00	-20.22	peak	
4		874.8700	37.19	-2.48	34.71	46.00	-11.29	peak	
5		974.7800	36.16	-0.13	36.03	54.00	-17.97	peak	
6		1000.000	40.37	0.26	40.63	54.00	-13.37	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5180MHz

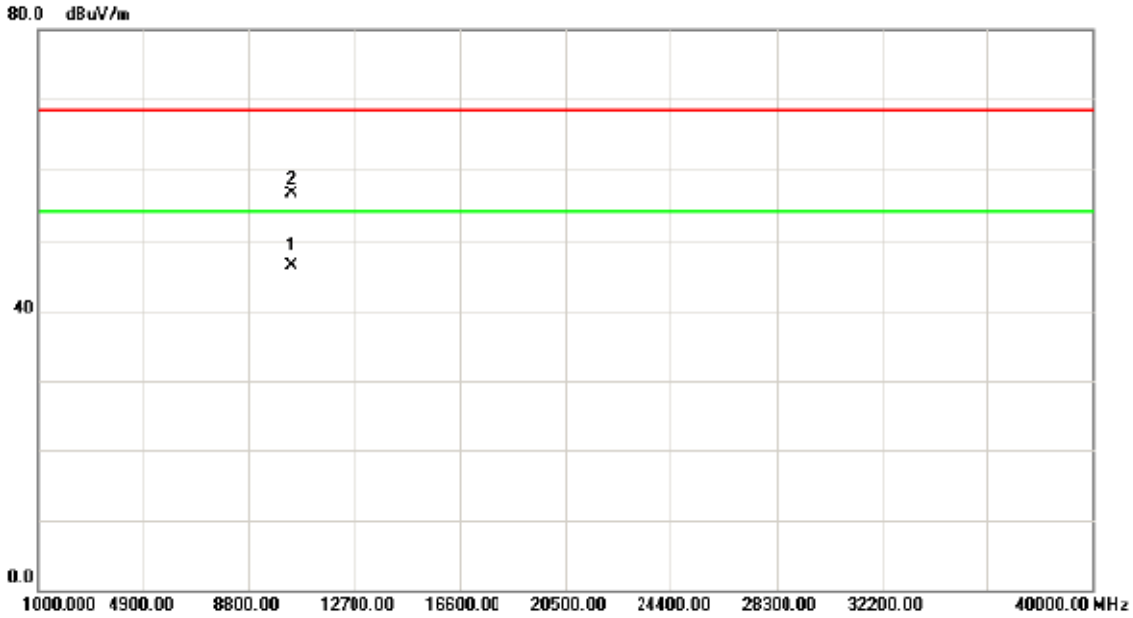
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.94	42.72	50.66	68.30	-17.64	peak	
2		5150.000	-0.99	42.72	41.73	54.00	-12.27	AVG	
3	*	5181.700	52.86	42.80	95.66	54.00	41.66	AVG	
4	X	5181.900	60.01	42.80	102.81	68.30	34.51	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5180MHz

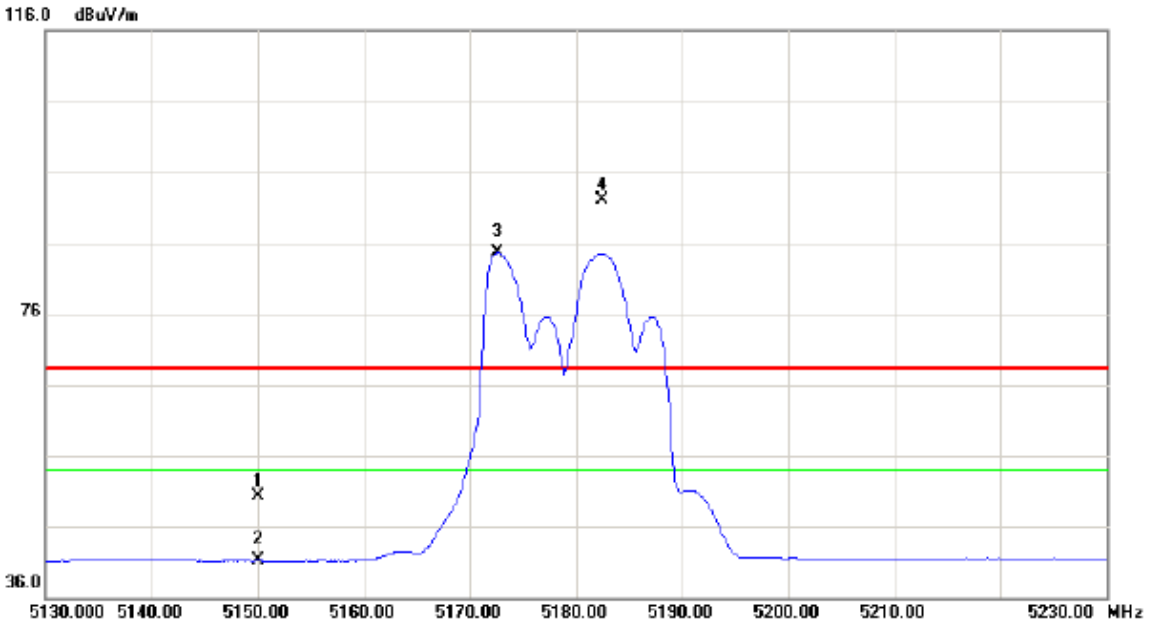
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10363.50	30.38	16.02	46.40	54.00	-7.60	AVG	
2		10364.60	40.55	16.02	56.57	68.30	-11.73	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5180MHz

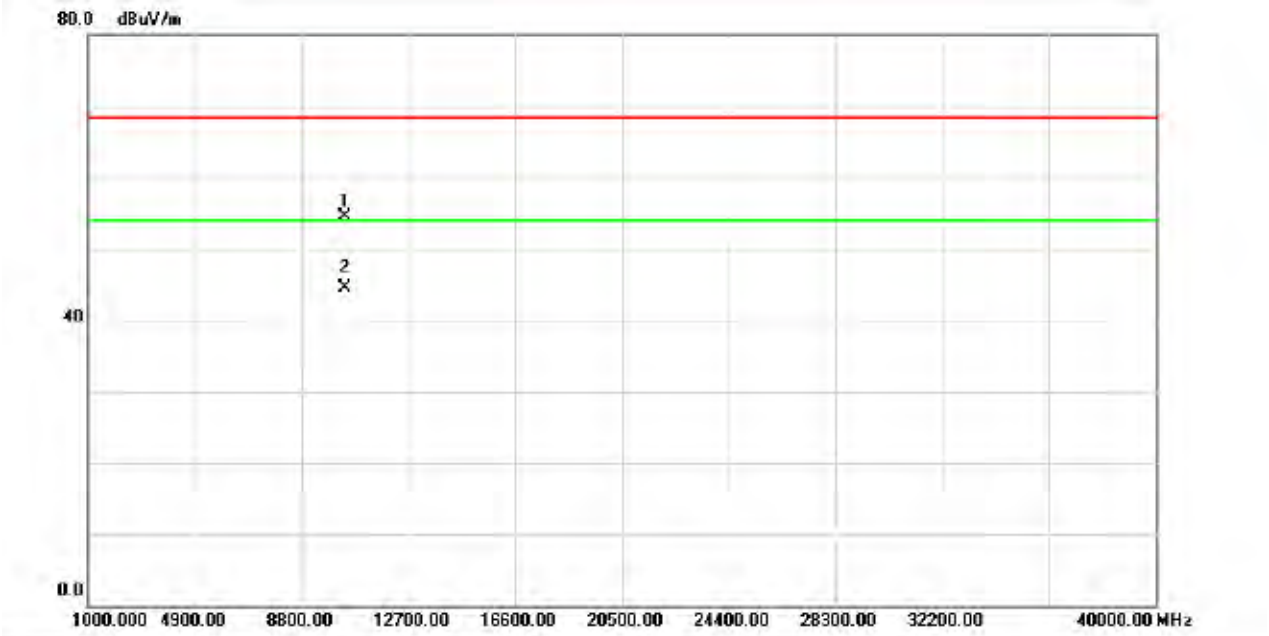
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.61	42.72	50.33	68.30	-17.97	peak	
2		5150.000	-1.50	42.72	41.22	54.00	-12.78	AVG	
3	*	5172.600	41.84	42.78	84.62	54.00	30.62	AVG	
4	X	5182.400	49.34	42.80	92.14	68.30	23.84	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5180MHz

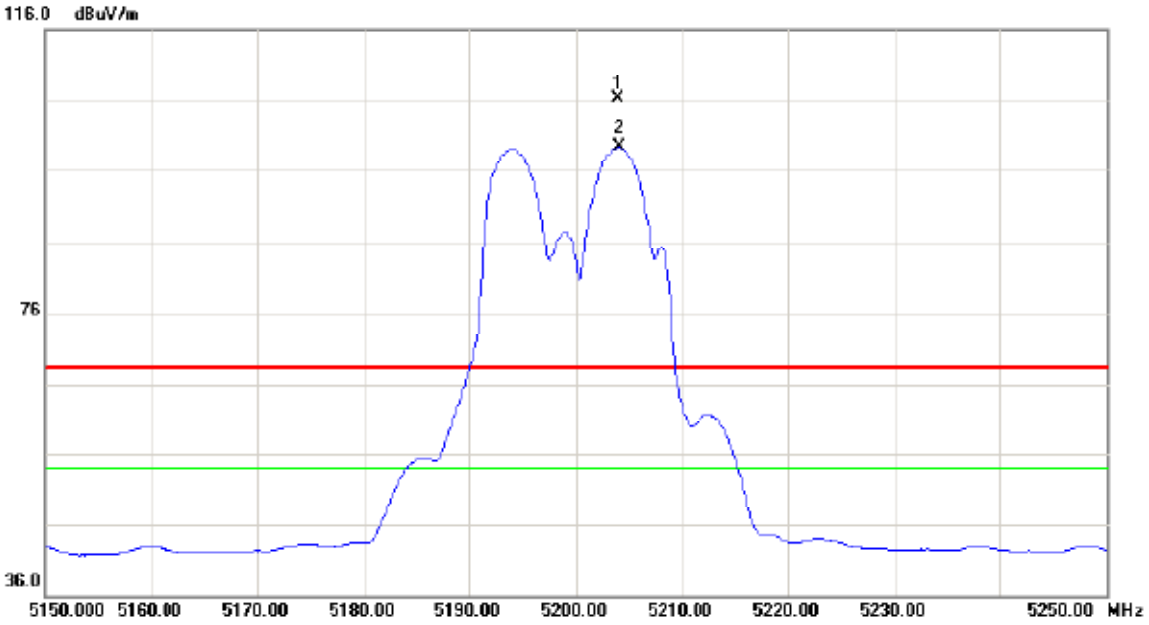
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10360.05	38.56	16.03	54.59	68.30	-13.71	peak	
2	*	10360.05	28.45	16.03	44.48	54.00	-9.52	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5200MHz

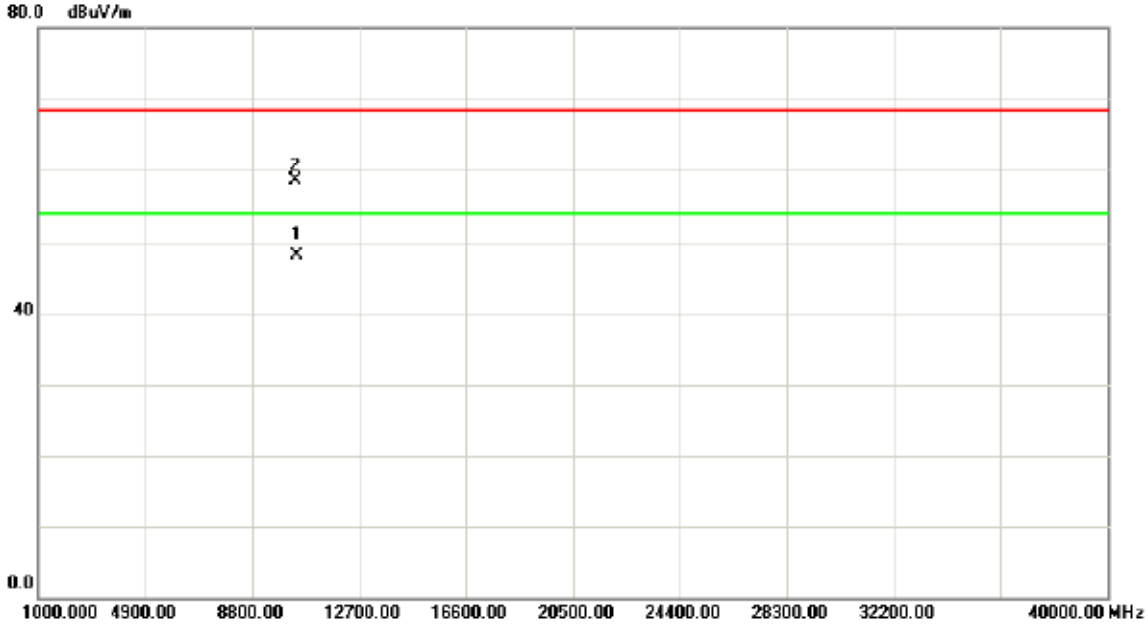
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5203.900	63.50	42.86	106.36	68.30	38.06	peak	
2	*	5204.000	56.36	42.86	99.22	54.00	45.22	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5200MHz

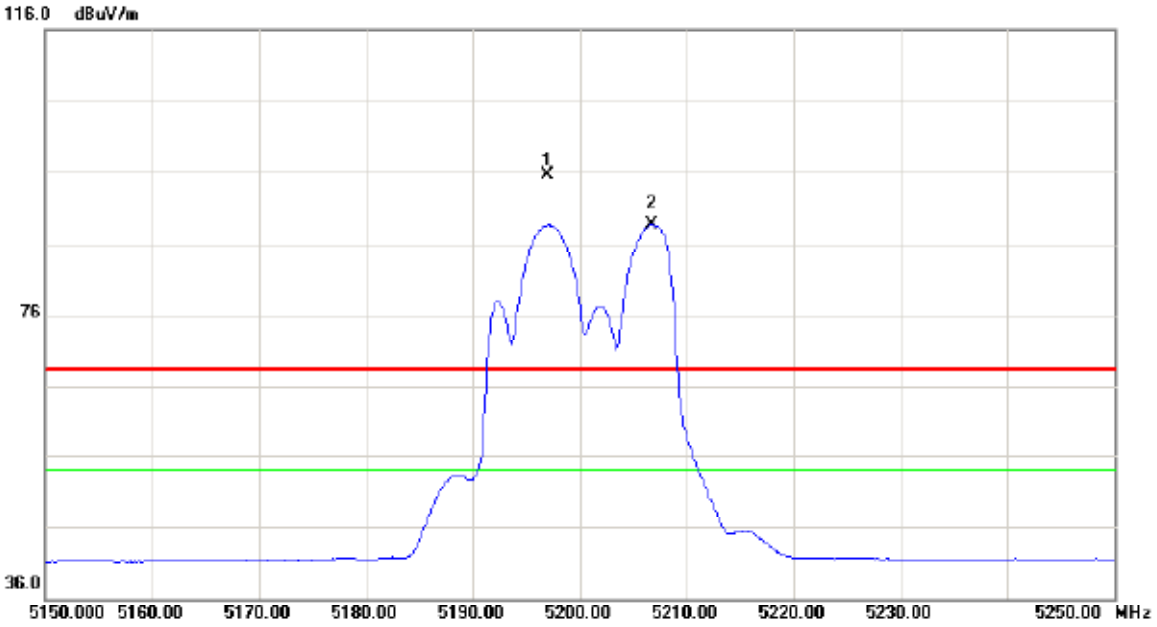
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10403.60	32.16	15.96	48.12	54.00	-5.88	AVG	
2		10405.20	42.52	15.97	58.49	68.30	-9.81	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5200MHz

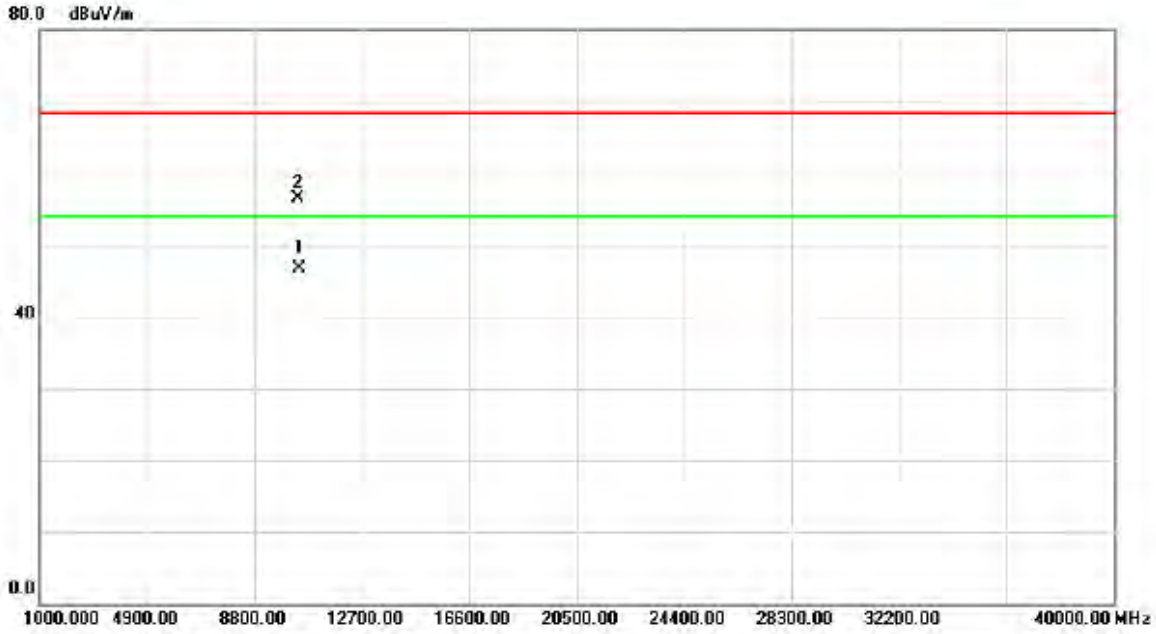
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5197.000	52.73	42.84	95.57	68.30	27.27	peak	
2	*	5206.700	45.81	42.86	88.67	54.00	34.67	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5200MHz

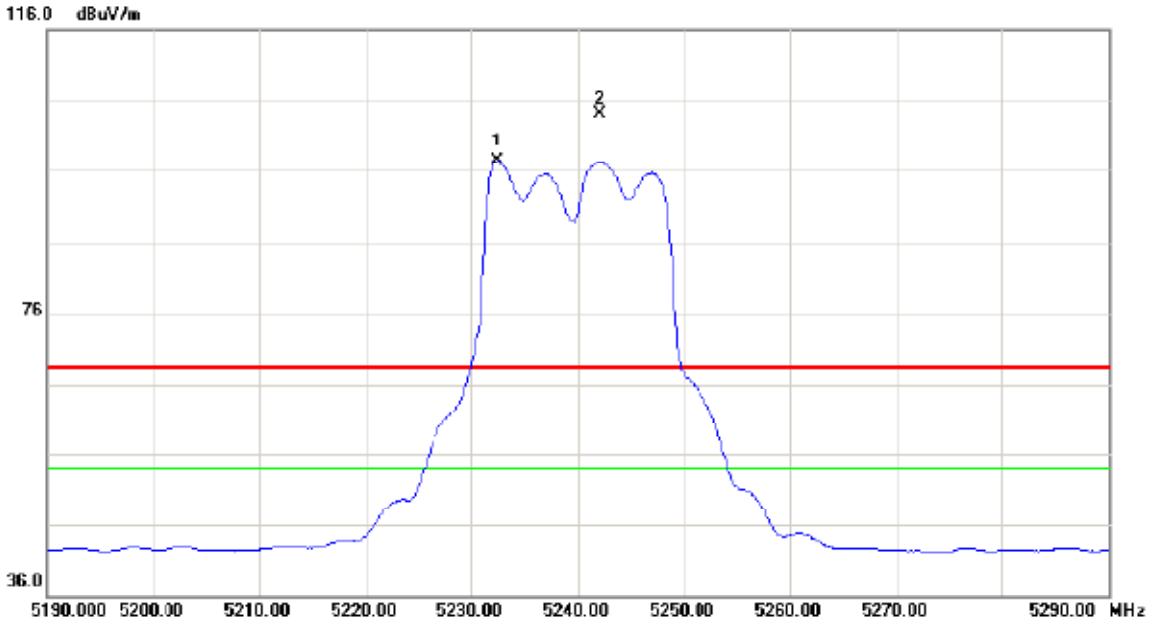
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10402.50	30.74	15.96	46.70	54.00	-7.30	AVG	
2		10405.30	40.58	15.97	56.55	68.30	-11.75	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5240MHz

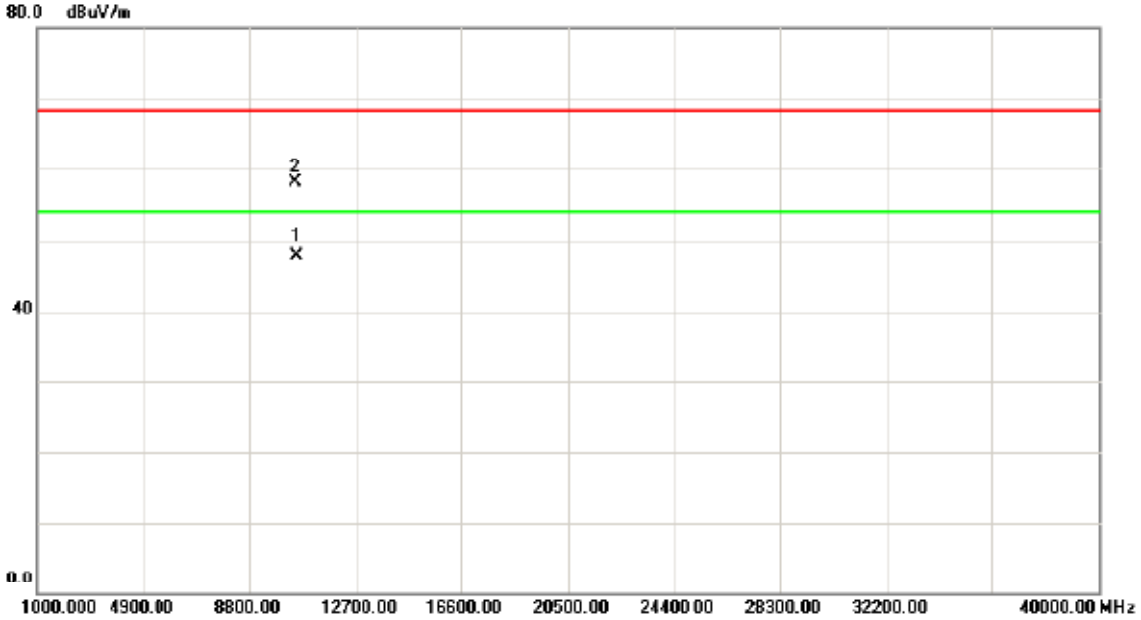
Vertical



No	Mk	Freq	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5232.500	54.31	42.92	97.23	54.00	43.23	AVG	
2	X	5242.000	61.14	42.95	104.09	68.30	35.79	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5240MHz

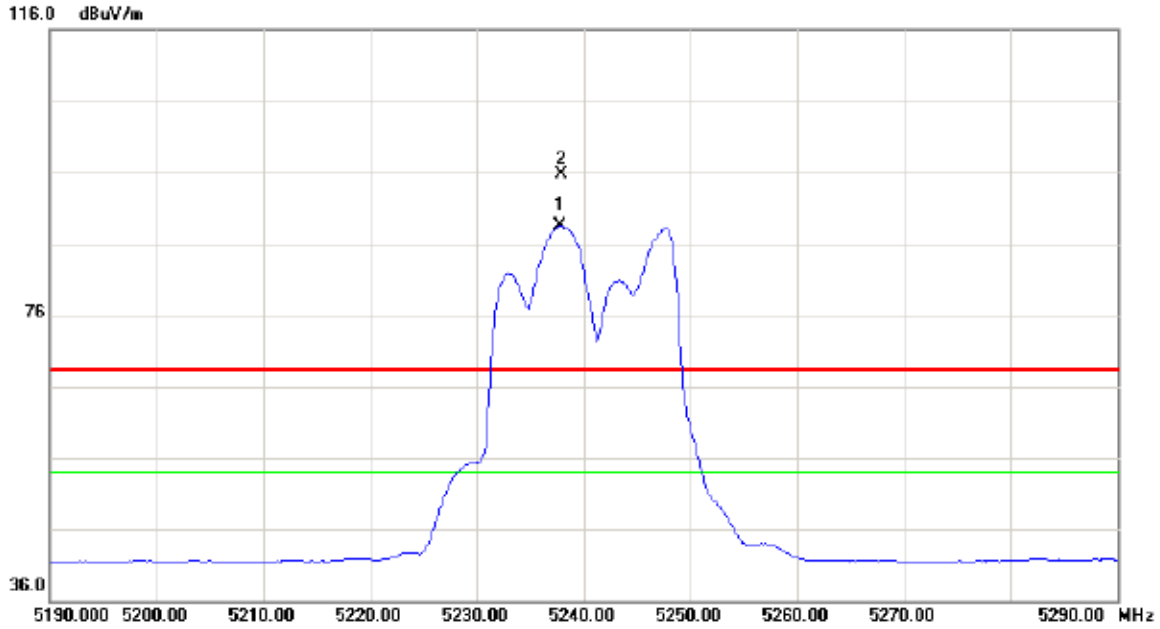
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10482.00	31.96	15.84	47.80	54.00	-6.20	AVG	
2		10483.60	42.29	15.84	58.13	68.30	-10.17	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5240MHz

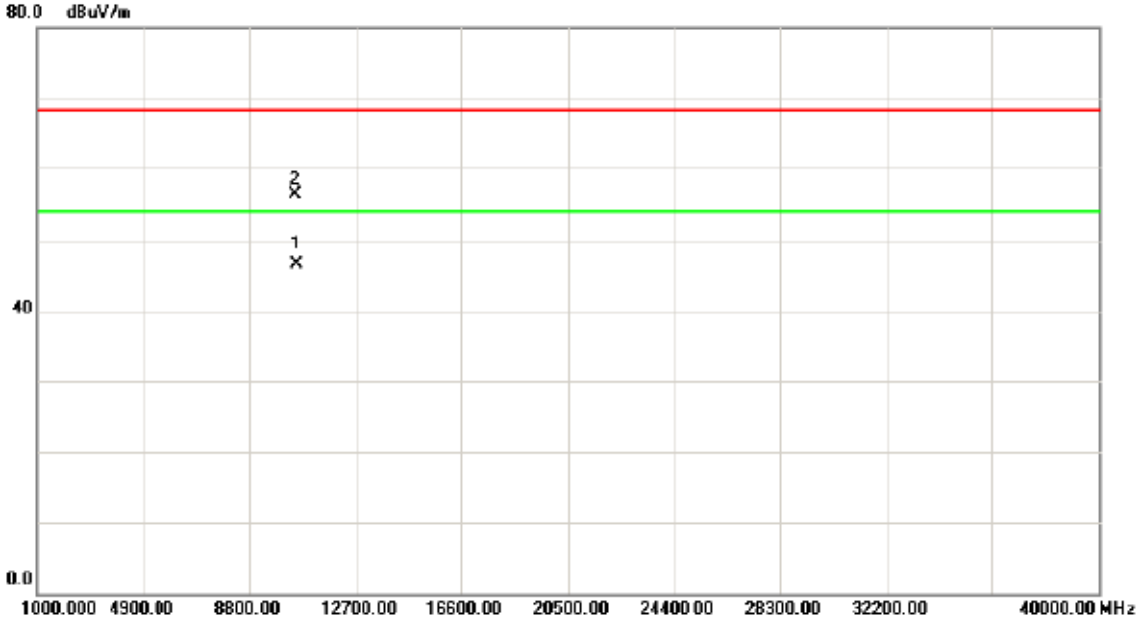
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5237.800	45.55	42.93	88.48	54.00	34.48	AVG	
2	X	5237.900	52.86	42.93	95.79	68.30	27.49	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11a Mode 5240MHz

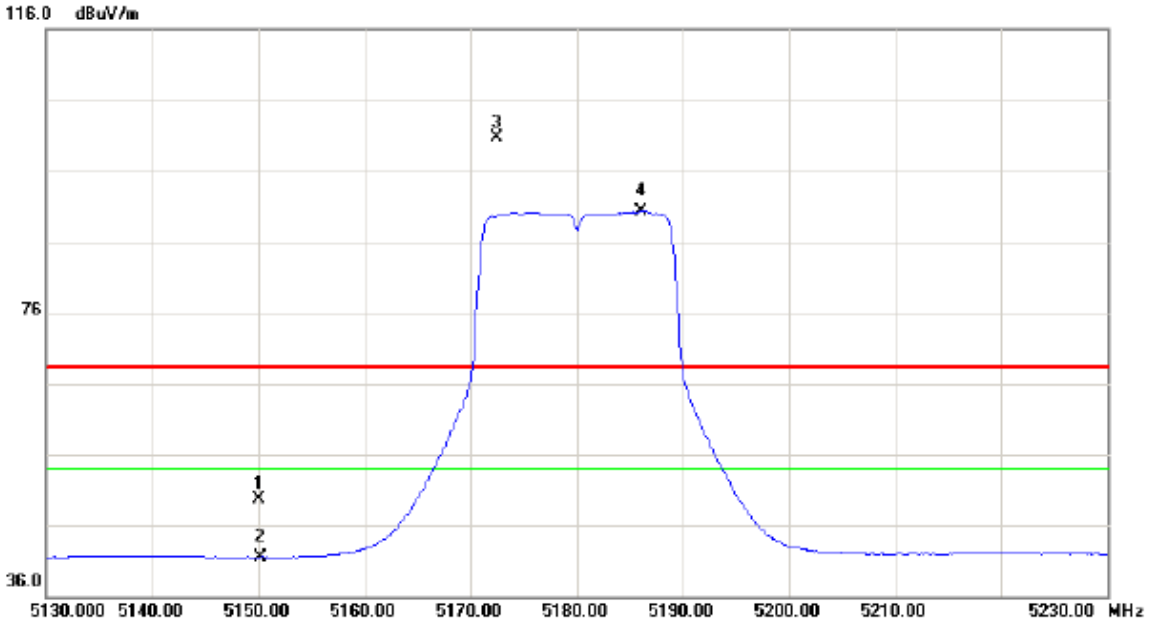
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10482.60	30.62	15.84	46.46	54.00	-7.54	AVG	
2		10483.50	40.53	15.84	56.37	68.30	-11.93	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5180MHz

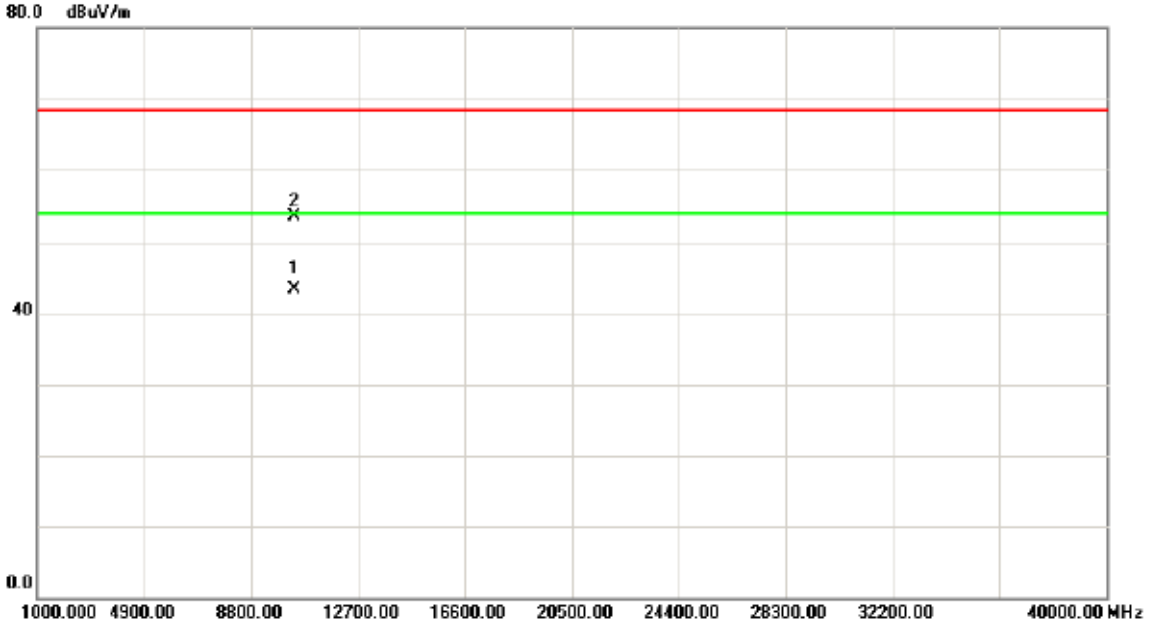
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.08	42.72	49.80	68.30	-18.50	peak	
2		5150.000	-1.13	42.72	41.59	54.00	-12.41	AVG	
3	X	5172.400	57.88	42.78	100.66	68.30	32.36	peak	
4	*	5186.100	47.51	42.81	90.32	54.00	36.32	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5180MHz

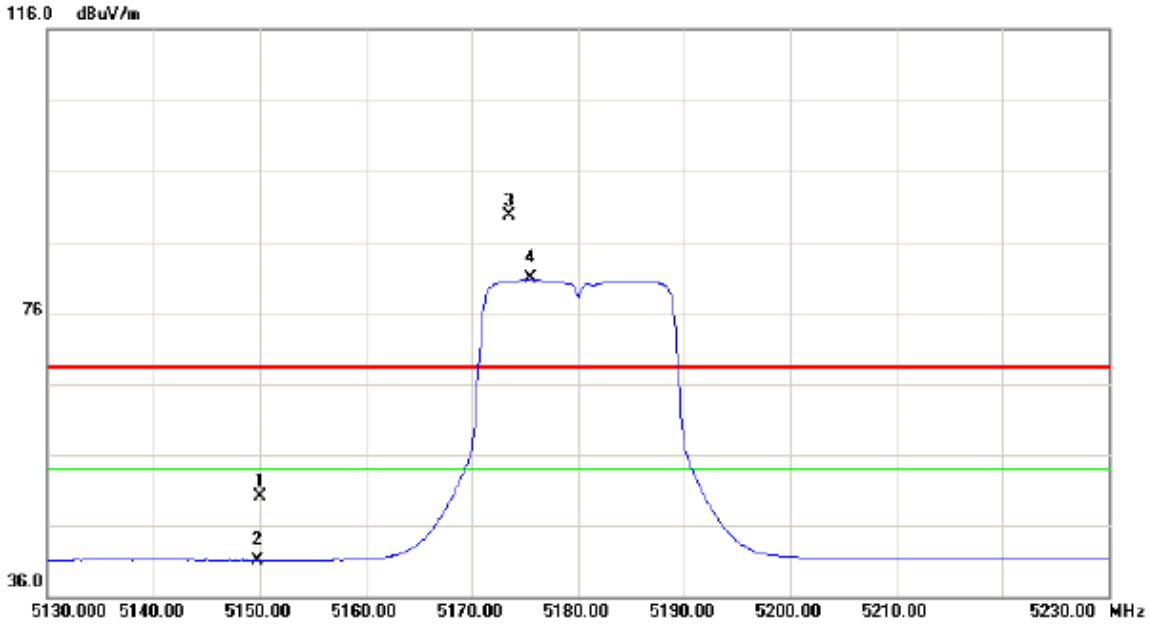
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10362.40	27.35	16.02	43.37	54.00	-10.63	AVG	
2		10363.20	37.46	16.02	53.48	68.30	-14.82	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5180MHz

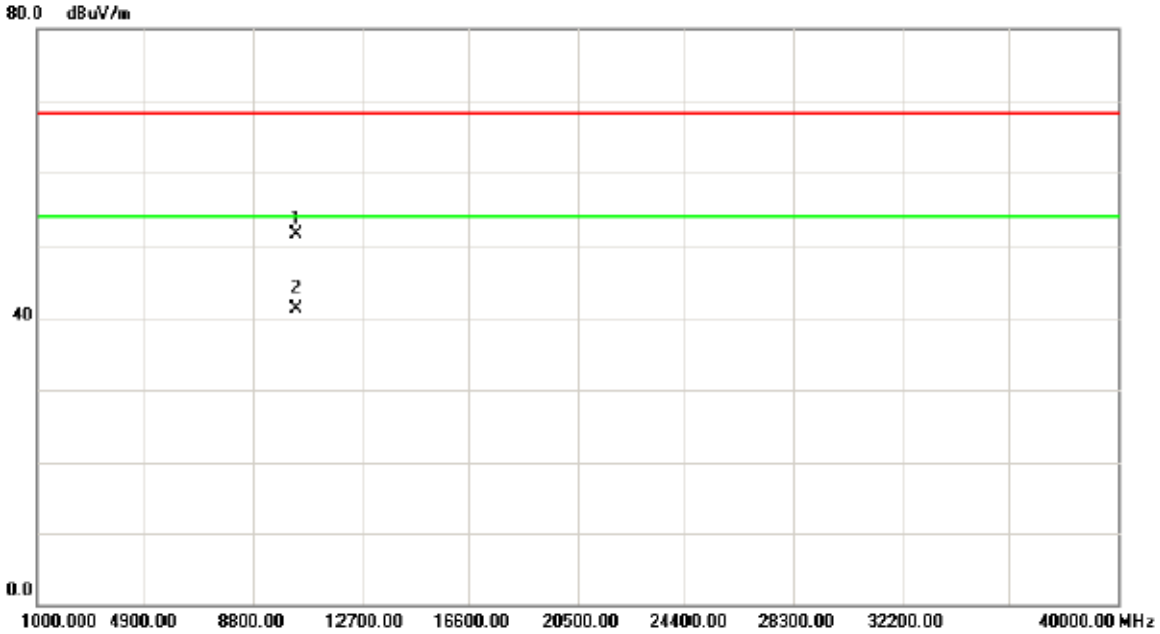
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.43	42.72	50.15	68.30	-18.15	peak	
2		5150.000	-1.59	42.72	41.13	54.00	-12.87	AVG	
3	X	5173.500	46.88	42.78	89.66	68.30	21.36	peak	
4	*	5175.500	38.03	42.78	80.81	54.00	26.81	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5180MHz

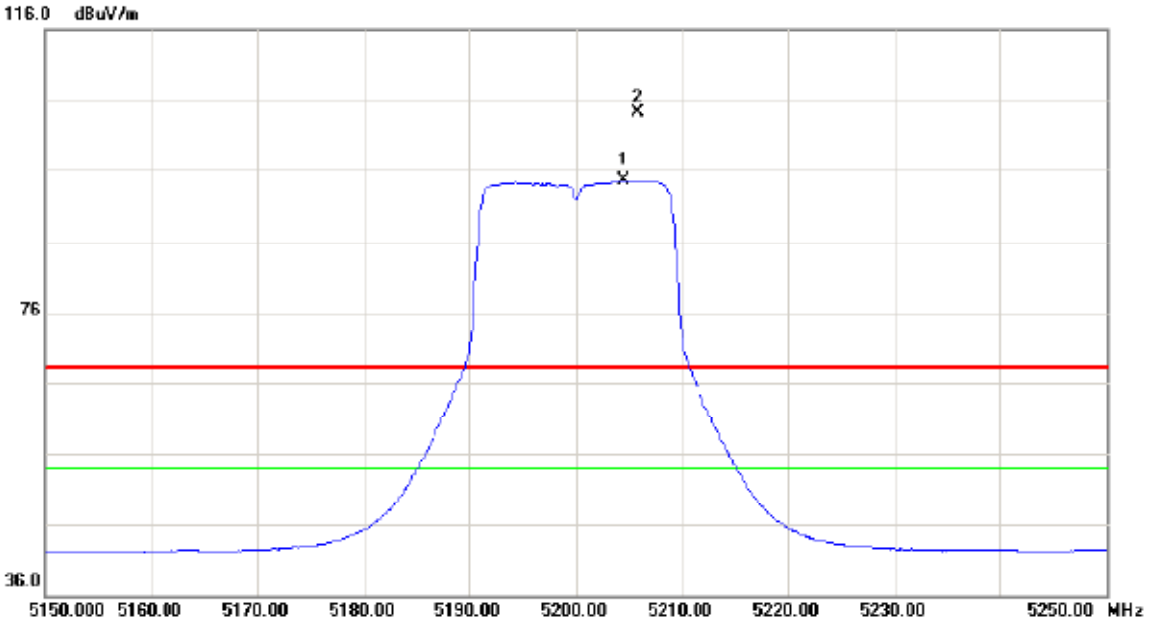
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10362.500	35.46	16.02	51.48	68.30	-16.82	peak	
2	*	10366.100	25.33	16.02	41.35	54.00	-12.65	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5200MHz

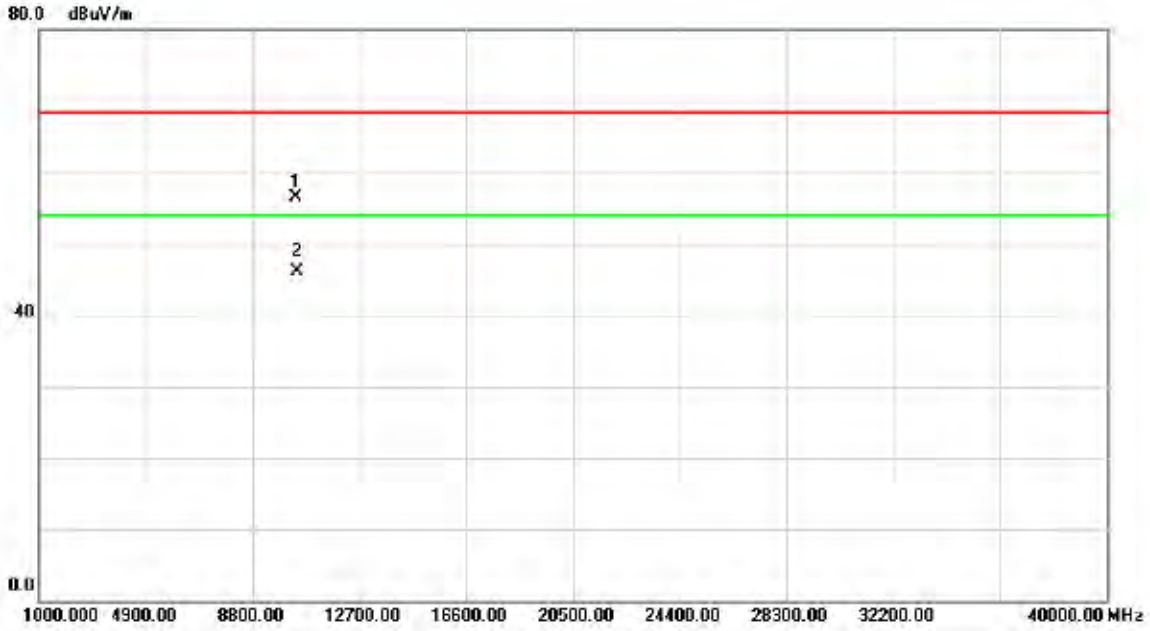
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5204.400	51.69	42.86	94.55	54.00	40.55	AVG	
2	X	5205.800	61.43	42.86	104.29	68.30	35.99	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5200MHz

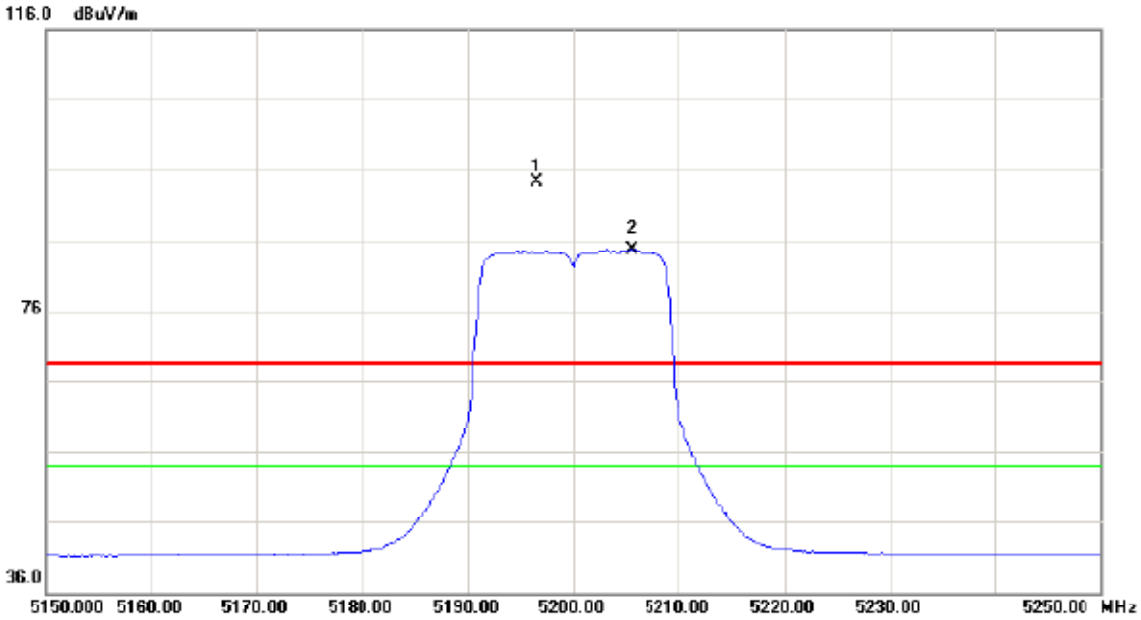
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10403.50	40.49	15.96	56.45	68.30	-11.85	peak	
2	*	10405.20	30.06	15.97	46.03	54.00	-7.97	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5200MHz

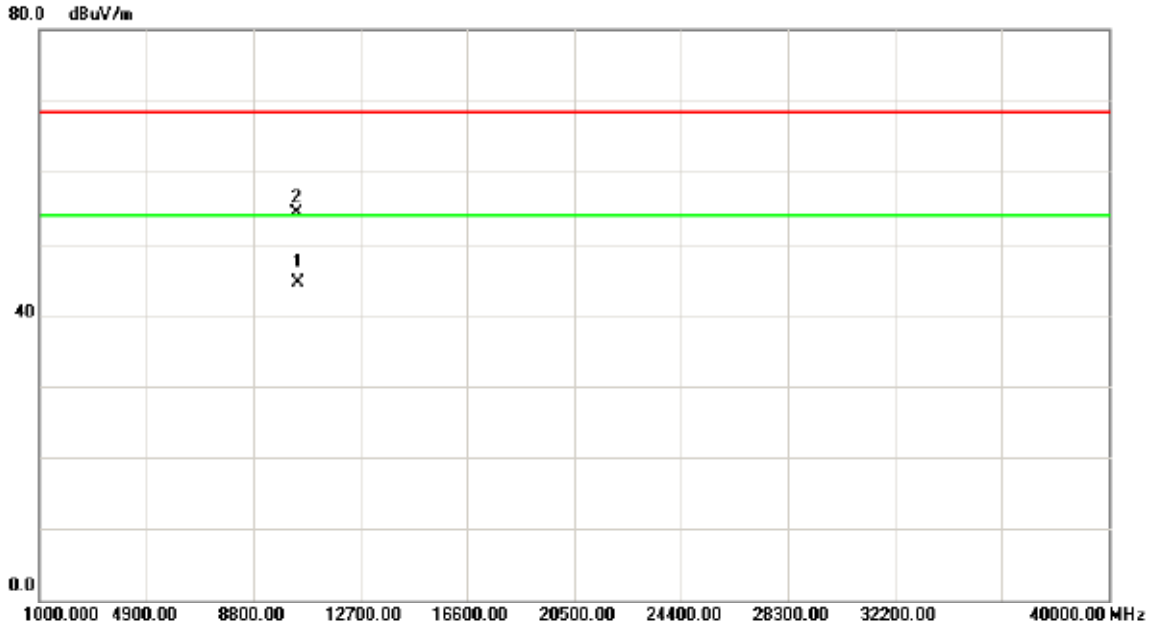
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	cBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5196.600	51.48	42.83	94.31	68.30	26.01	peak	
2	*	5205.500	41.81	42.86	84.67	54.00	30.67	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5200MHz

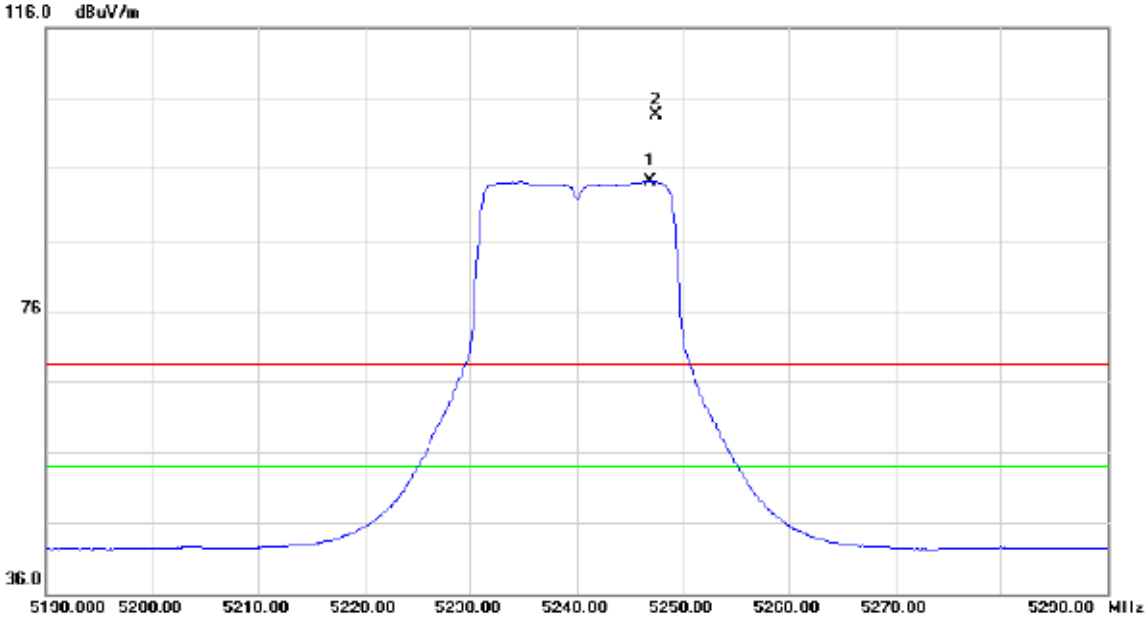
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10402.30	28.64	15.96	44.60	54.00	-9.40	AVG	
2		10402.60	38.42	15.96	54.38	68.30	-13.92	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5240MHz

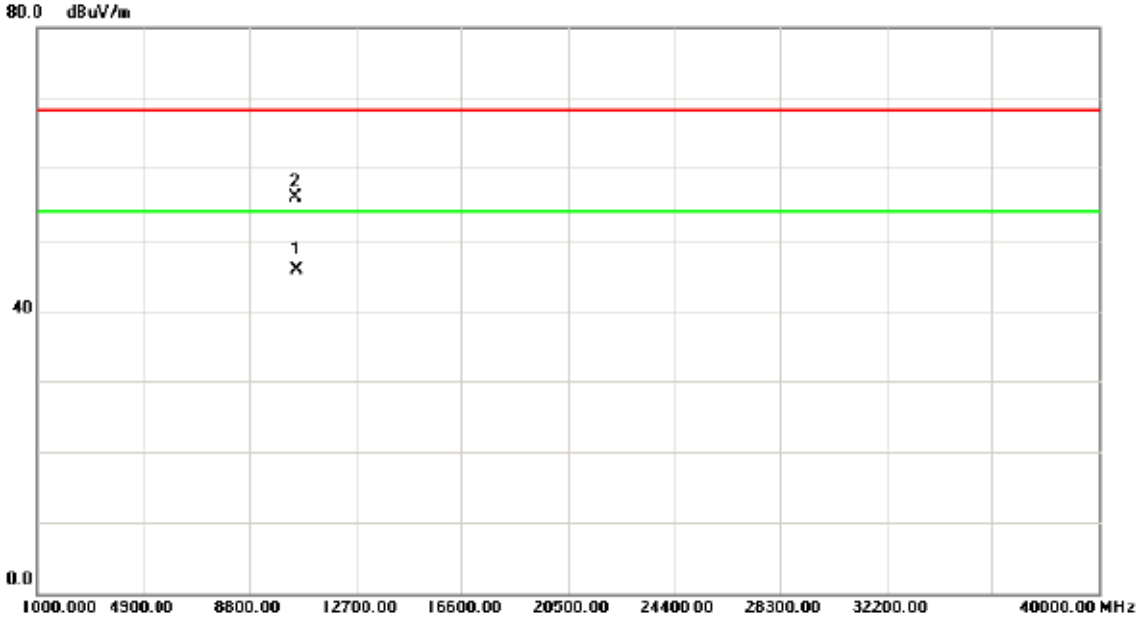
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5246.800	51.11	42.95	94.06	54.00	40.06	AVG	
2	X	5247.400	60.84	42.96	103.80	68.30	35.50	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5240MHz

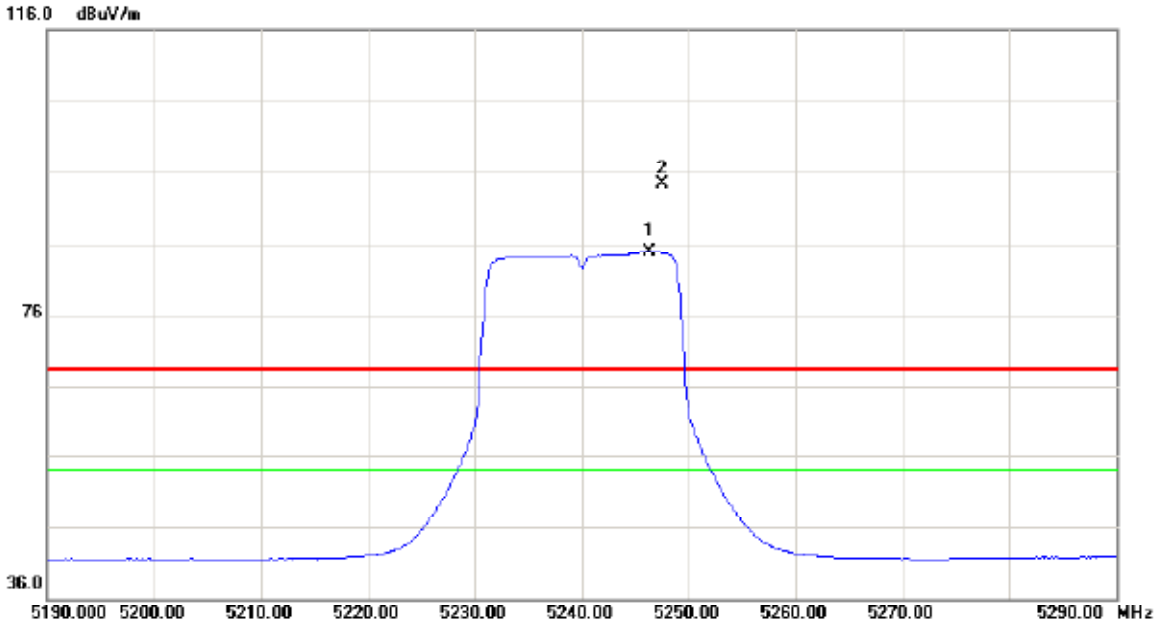
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10482.30	29.86	15.84	45.70	54.00	-8.30	AVG	
2		10483.50	40.13	15.84	55.97	68.30	-12.33	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5240MHz

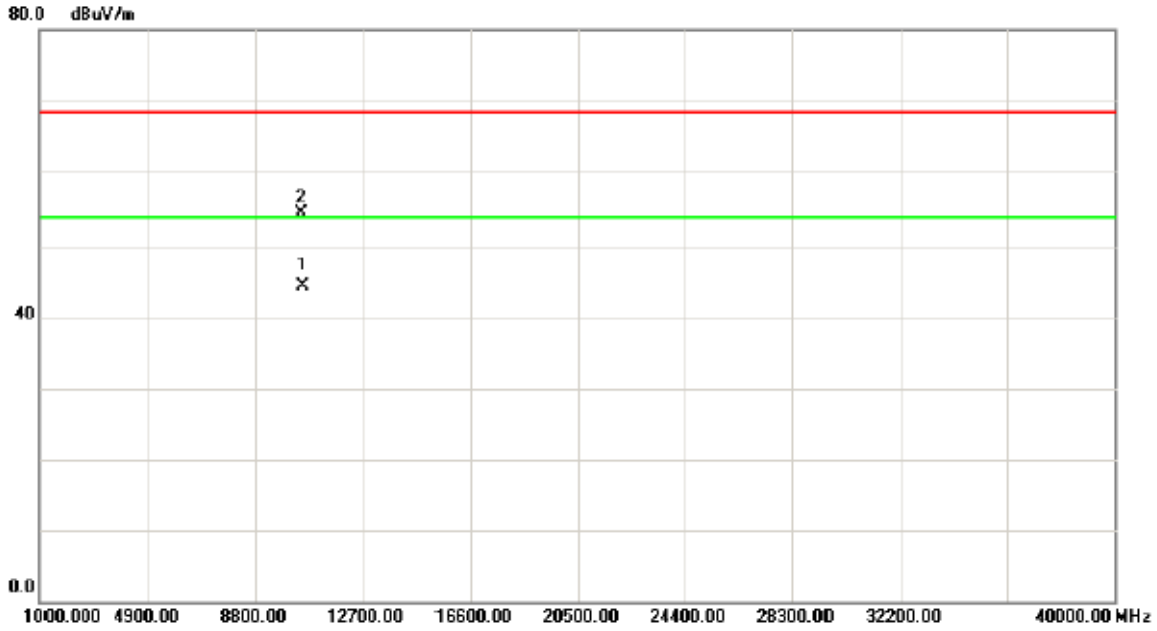
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5246.300	41.98	42.95	84.93	54.00	30.93	AVG	
2	X	5247.500	51.39	42.96	94.35	68.30	26.05	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(20 MHz) Mode 5240MHz

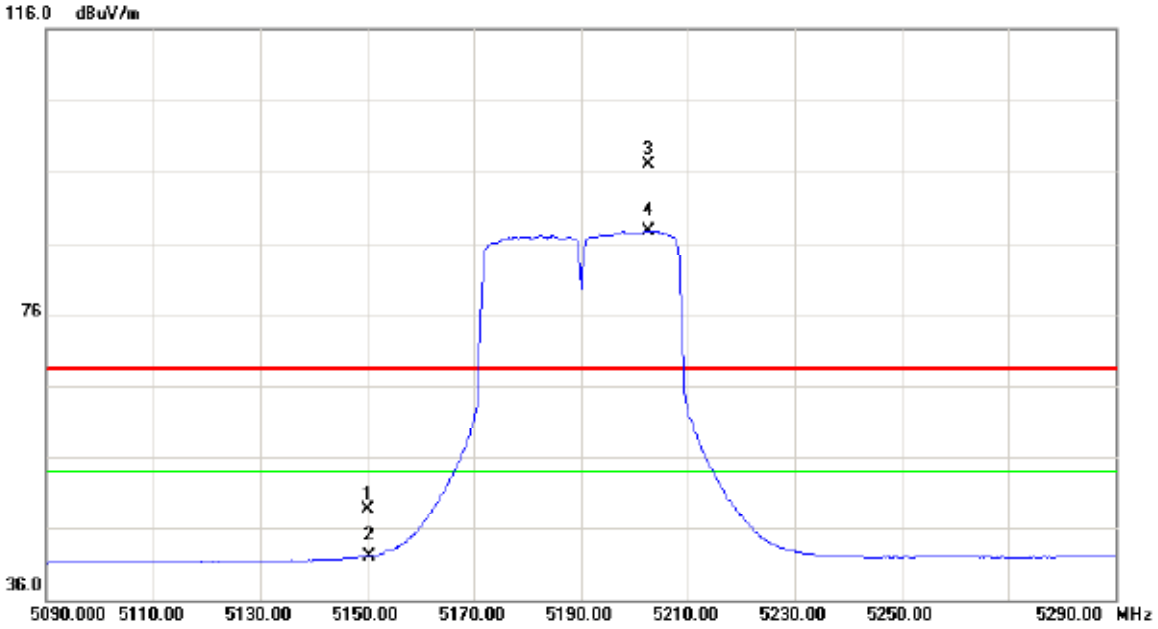
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10481.50	28.53	15.84	44.37	54.00	-9.63	AVG	
2		10482.30	38.45	15.84	54.29	68.30	-14.01	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5190MHz

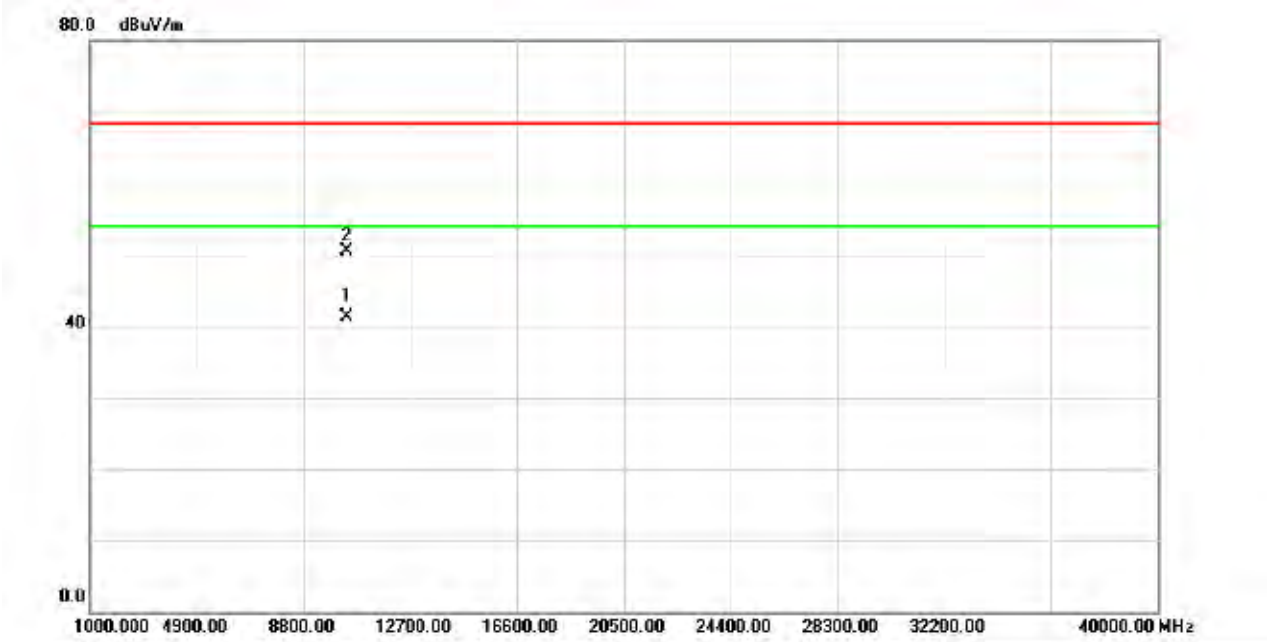
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	6.08	42.72	48.80	68.30	-19.50	peak	
2		5150.000	-0.57	42.72	42.15	54.00	-11.85	AVG	
3	X	5202.600	54.33	42.84	97.17	68.30	28.87	peak	
4	*	5202.600	44.87	42.84	87.71	54.00	33.71	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5190MHz

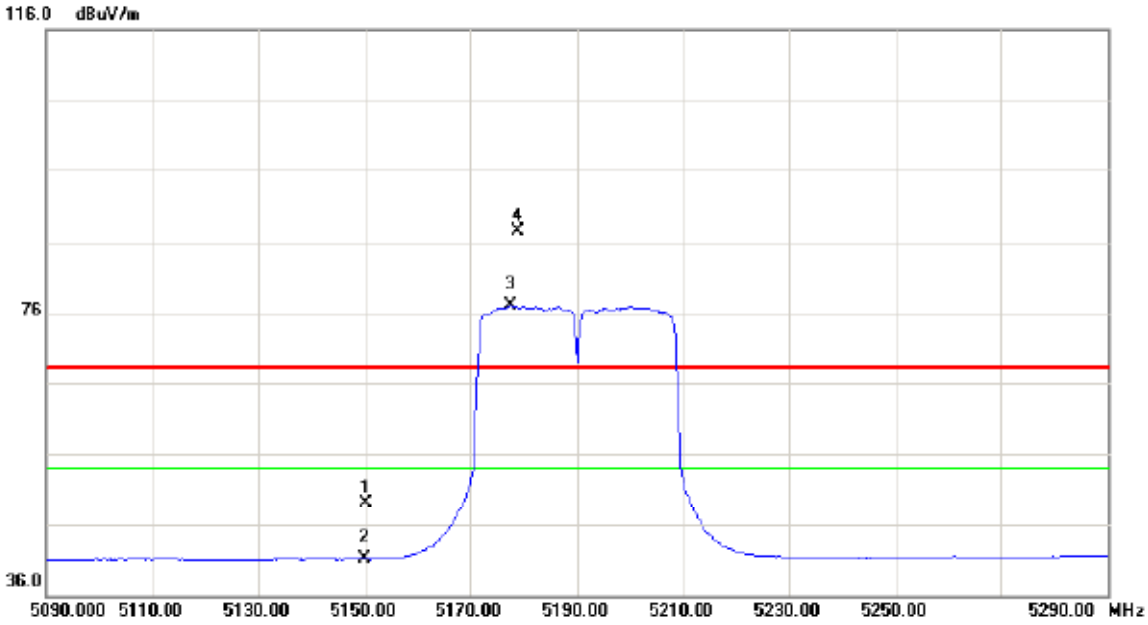
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10382.50	25.29	15.99	41.28	54.00	-12.72	AVG	
2		10384.20	34.46	15.98	50.44	68.30	-17.86	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5190MHz

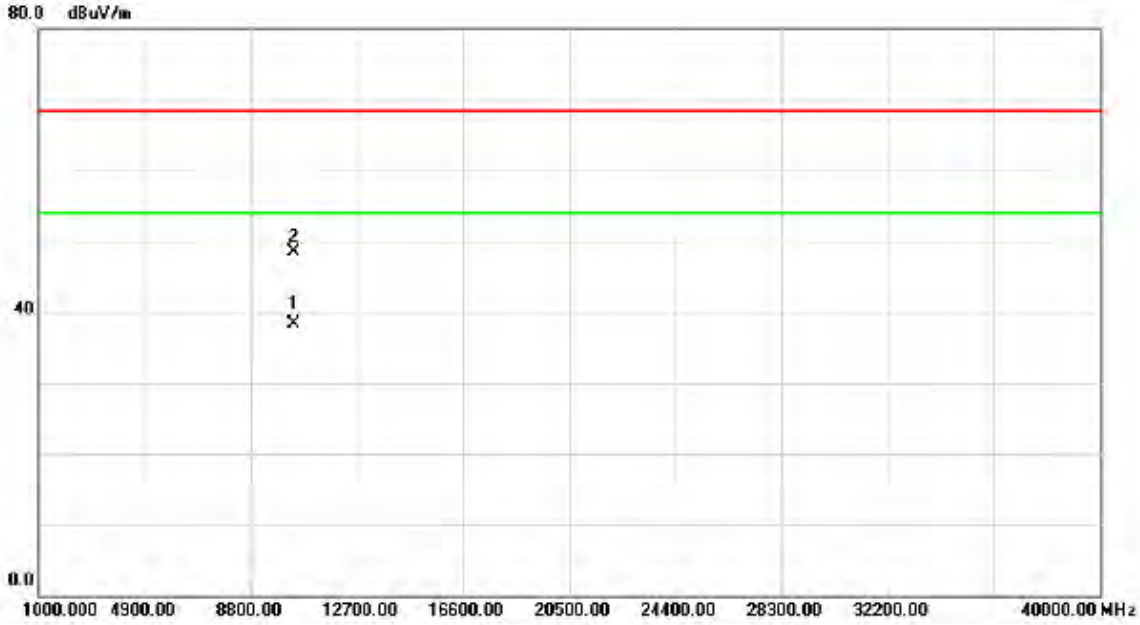
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	6.39	42.72	49.11	68.30	-19.19	peak	
2		5150.000	-1.49	42.72	41.23	54.00	-12.77	AVG	
3	*	5177.600	34.24	42.78	77.02	54.00	23.02	AVG	
4	X	5178.800	44.63	42.79	87.42	68.30	19.12	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5190MHz

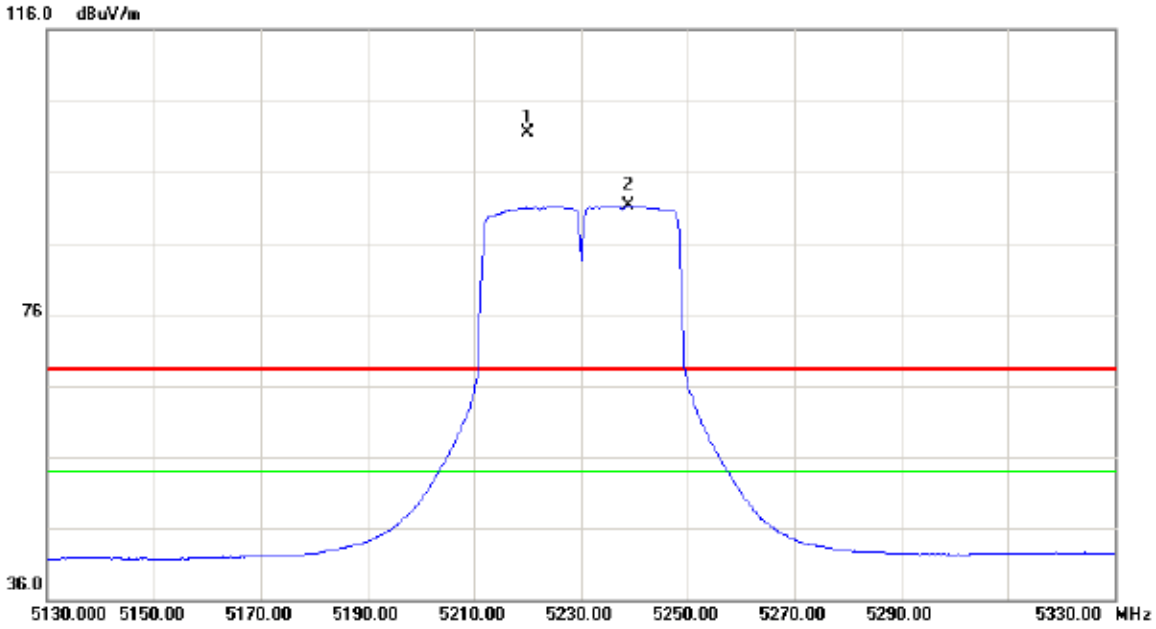
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10382.40	22.38	15.99	38.37	54.00	-15.63	AVG	
2		10385.60	32.45	15.98	48.43	68.30	-19.87	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5230MHz

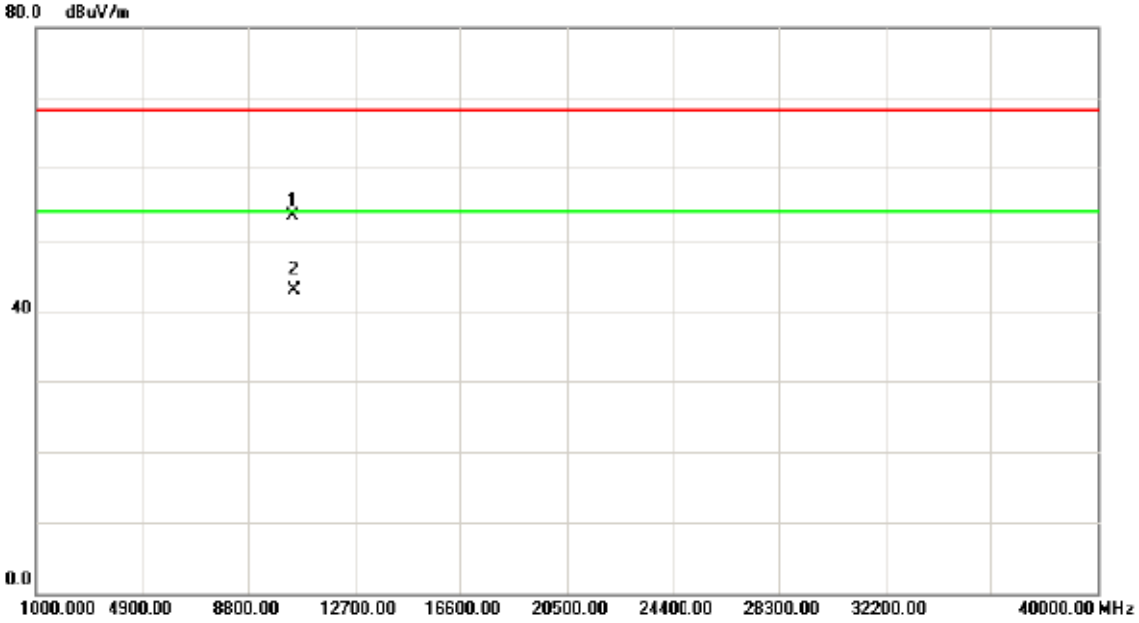
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5220.000	58.54	42.89	101.43	68.30	33.13	peak	
2	*	5239.000	48.34	42.94	91.28	54.00	37.28	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5230MHz

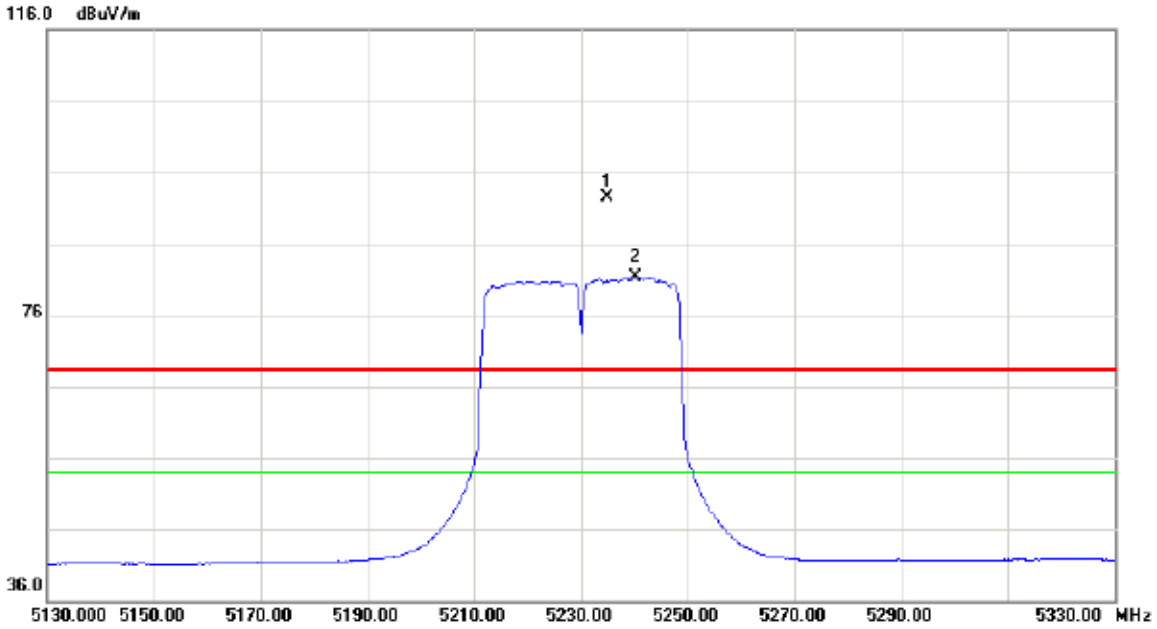
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10462.10	37.42	15.88	53.30	68.30	-15.00	peak	
2	*	10466.30	27.09	15.87	42.96	54.00	-11.04	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5230MHz

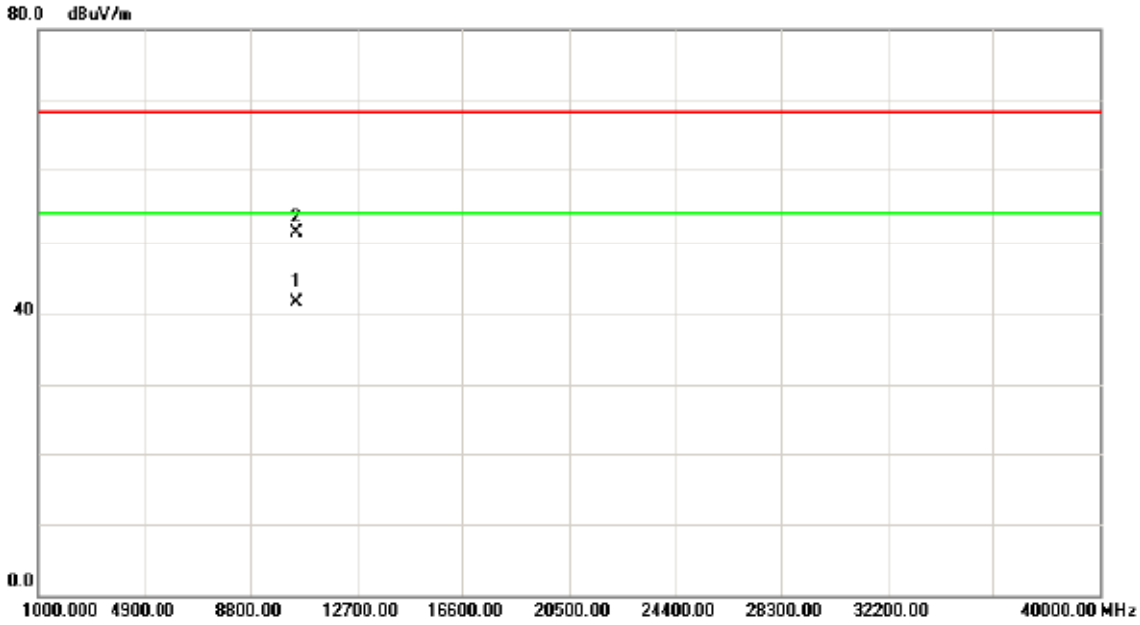
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5235.000	49.49	42.93	92.42	68.30	24.12	peak	
2	*	5240.200	38.42	42.94	81.36	54.00	27.36	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX 802.11n(40 MHz) Mode 5230MHz

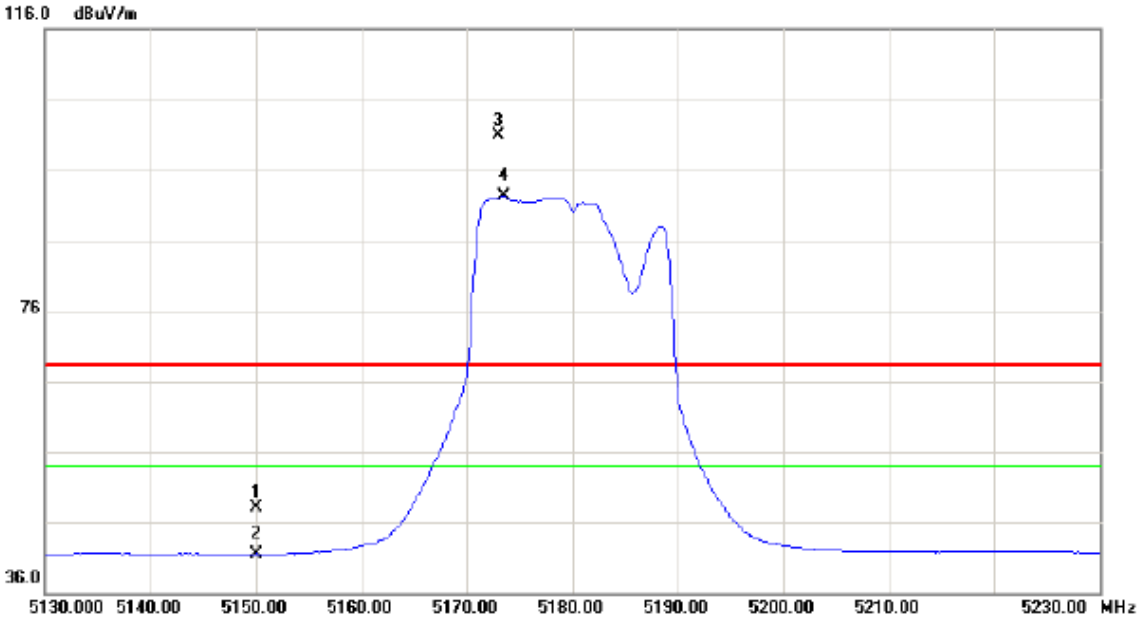
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10463.50	25.61	15.87	41.48	54.00	-12.52	AVG	
2		10465.20	35.46	15.87	51.33	68.30	-16.97	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5180MHz

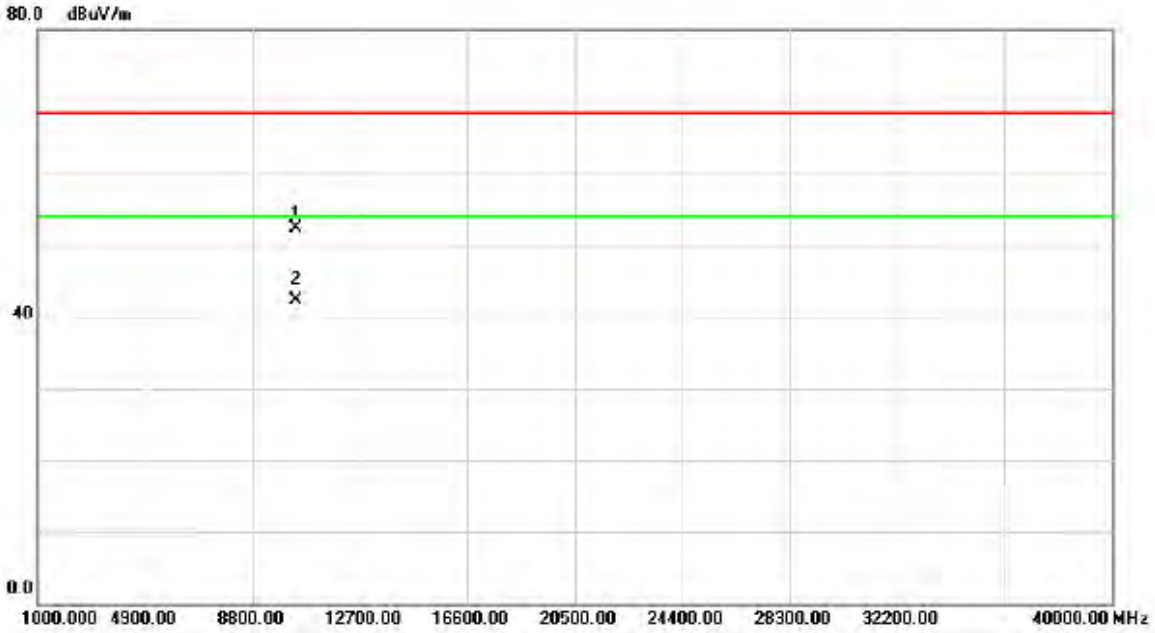
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	5.42	42.72	48.14	68.30	-20.16	peak	
2		5150.000	-1.12	42.72	41.60	54.00	-12.40	AVG	
3	X	5173.000	58.08	42.78	100.86	68.30	32.56	peak	
4	*	5173.500	49.61	42.78	92.39	54.00	38.39	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5180MHz

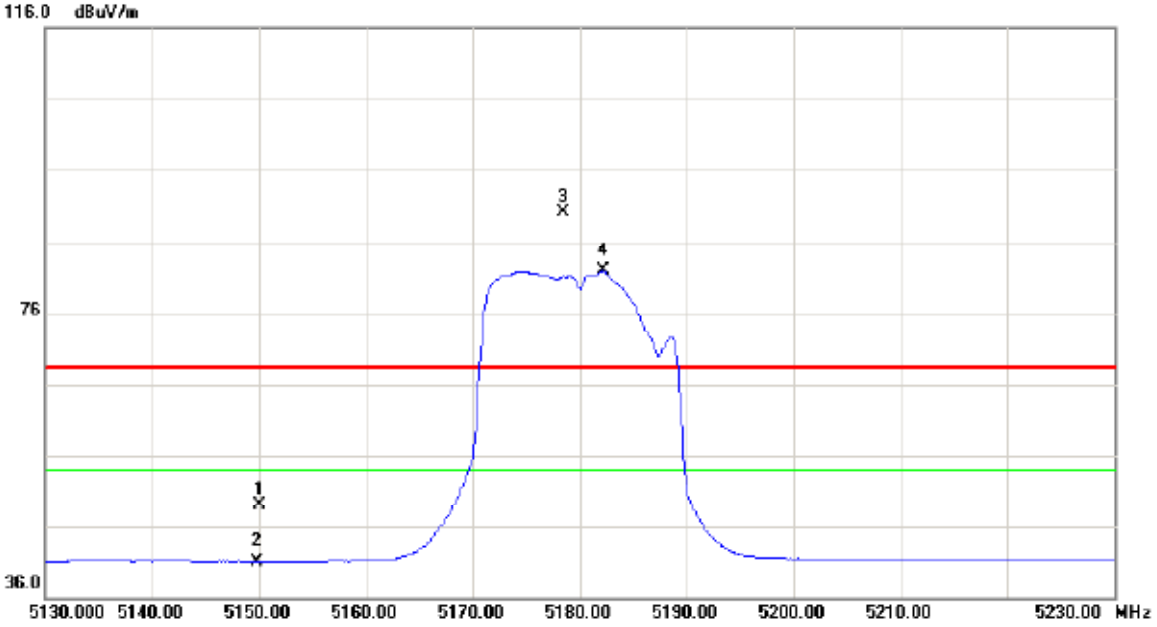
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10362.30	36.35	16.02	52.37	68.30	-15.93	peak	
2	*	10364.50	26.24	16.02	42.26	54.00	-11.74	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5180MHz

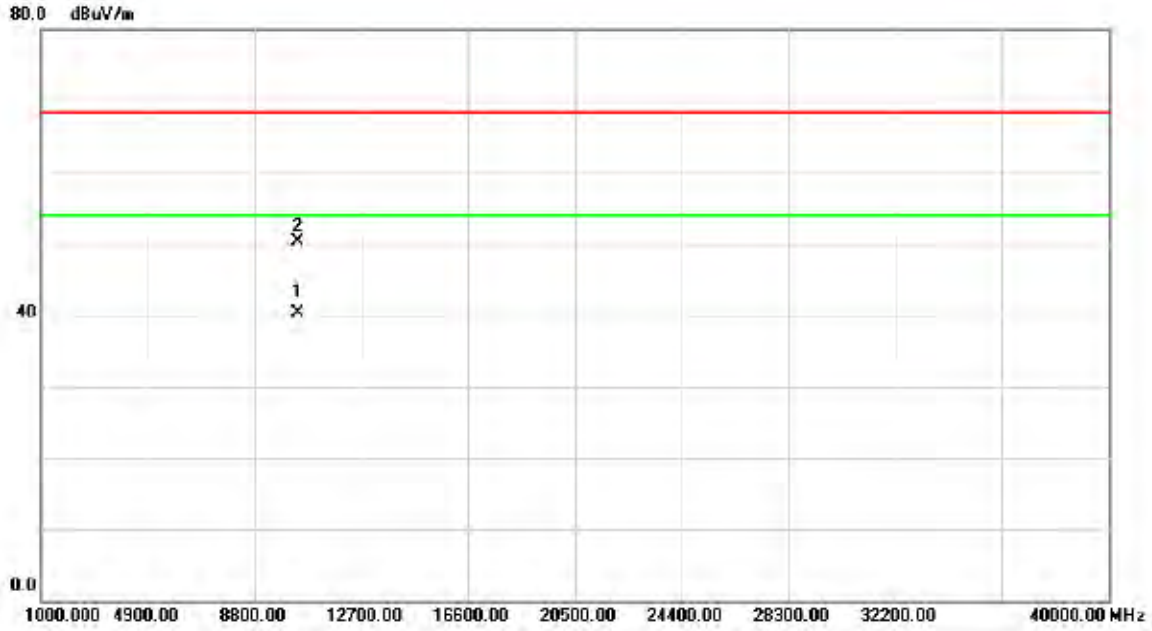
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	6.45	42.72	49.17	68.30	-19.13	peak	
2		5150.000	-1.58	42.72	41.14	54.00	-12.86	AVG	
3	X	5178.500	47.36	42.79	90.15	68.30	21.85	peak	
4	*	5182.200	39.03	42.80	81.83	54.00	27.83	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5180MHz

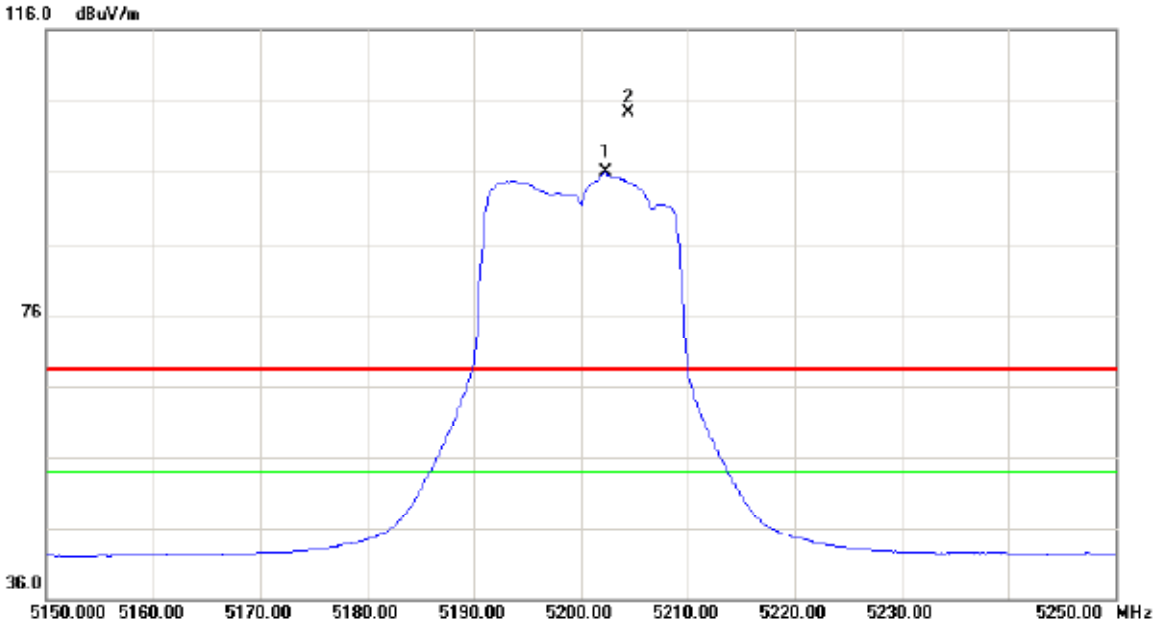
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10362.40	24.21	16.02	40.23	54.00	-13.77	AVG	
2		10364.50	34.32	16.02	50.34	68.30	-17.96	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5200MHz

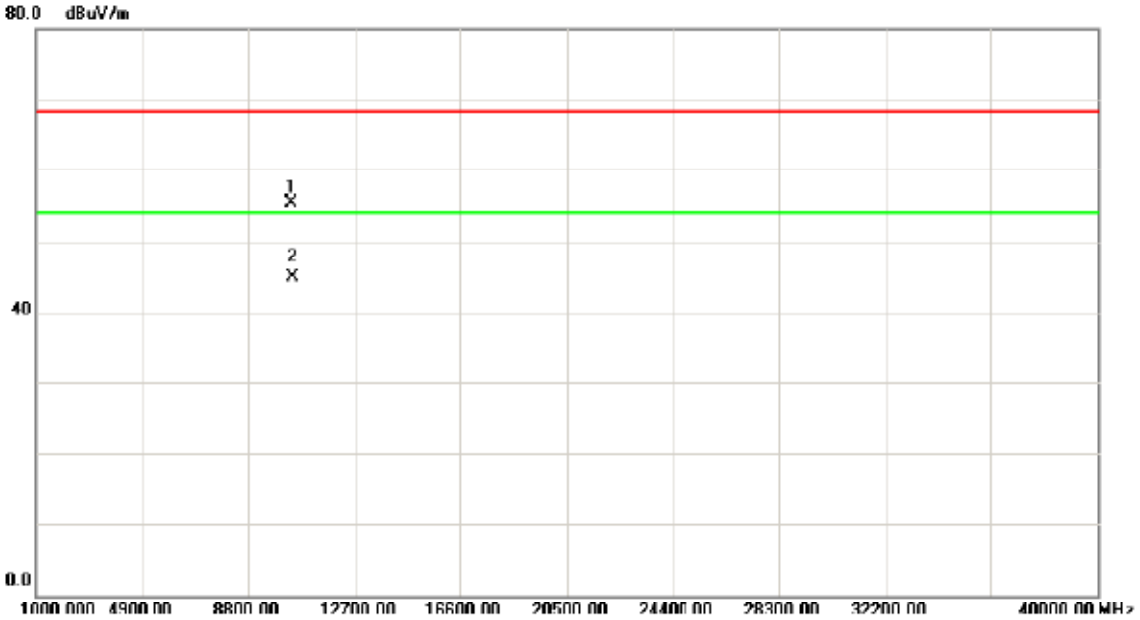
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5202.300	53.02	42.84	95.86	54.00	41.86	AVG	
2	X	5204.400	61.36	42.86	104.22	68.30	35.92	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5200MHz

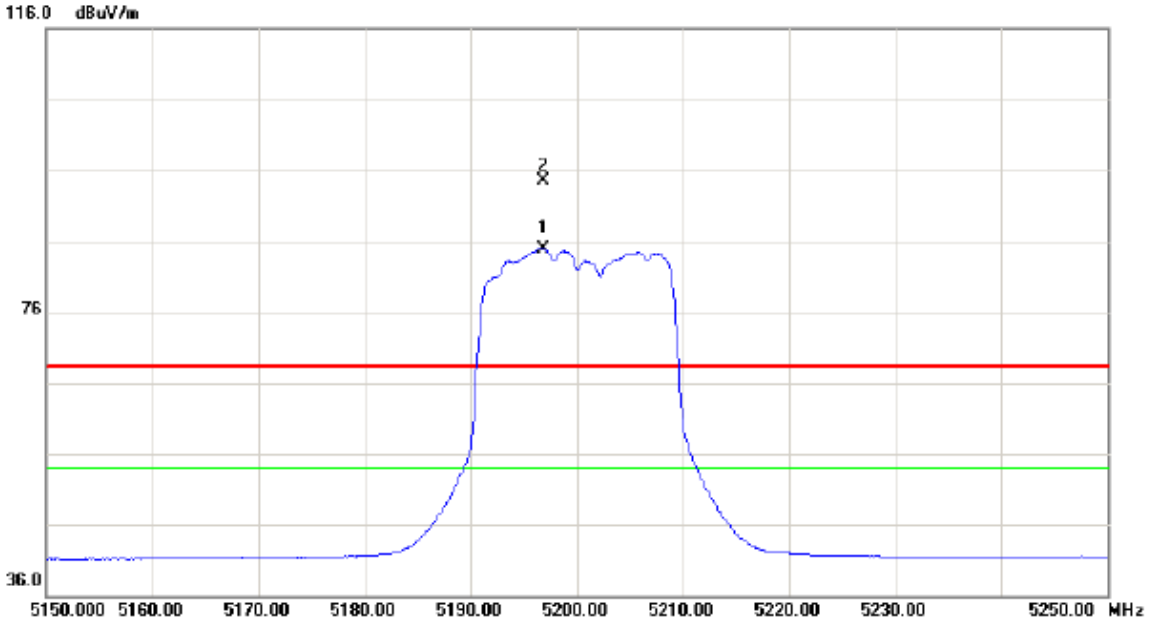
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10402.20	39.35	15.96	55.31	68.30	-12.99	peak	
2	*	10405.20	28.84	15.97	44.81	54.00	-9.19	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5200MHz

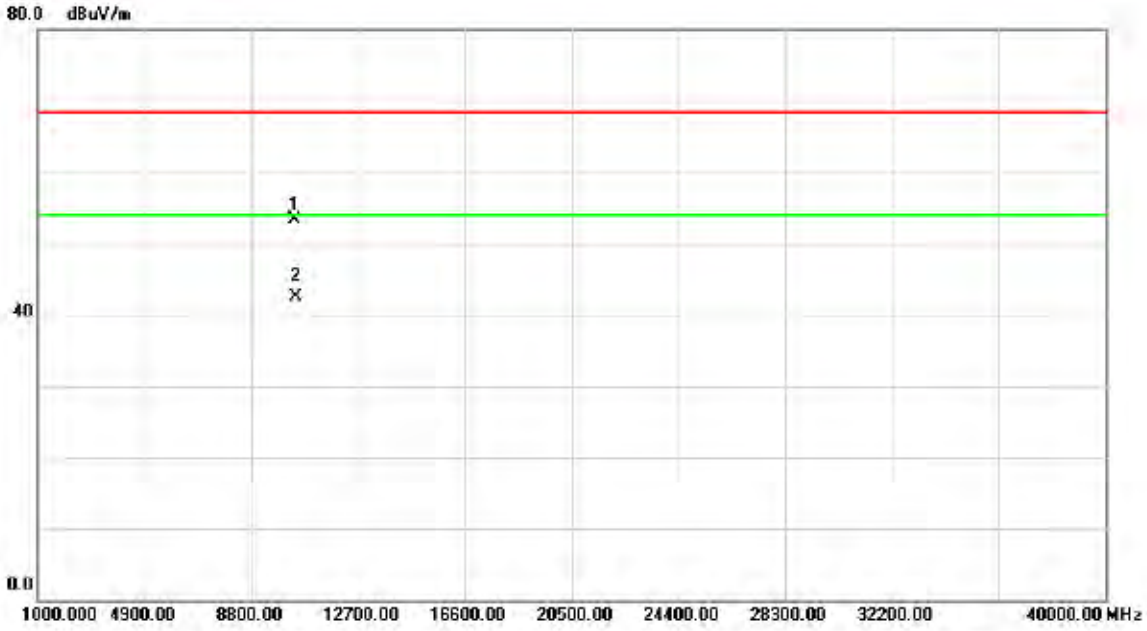
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5196.800	42.13	42.83	84.96	54.00	30.96	AVG	
2	X	5196.900	51.64	42.84	94.48	68.30	26.18	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5200MHz

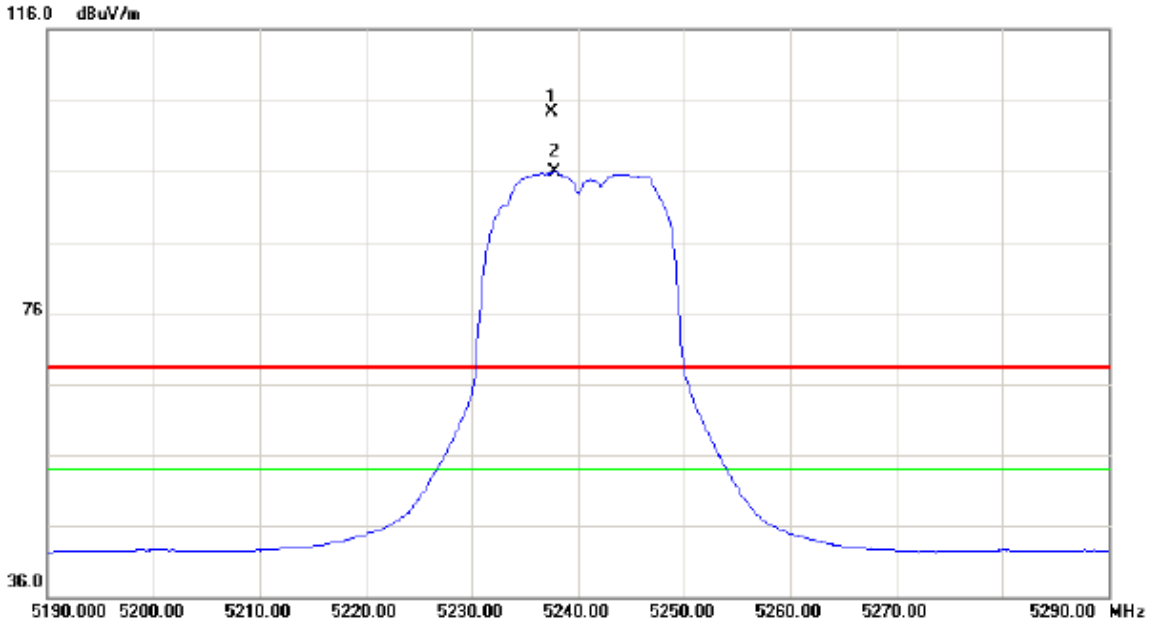
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10403.60	37.35	15.96	53.31	68.30	-14.99	peak	
2	*	10405.20	26.51	15.97	42.48	54.00	-11.52	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5240MHz

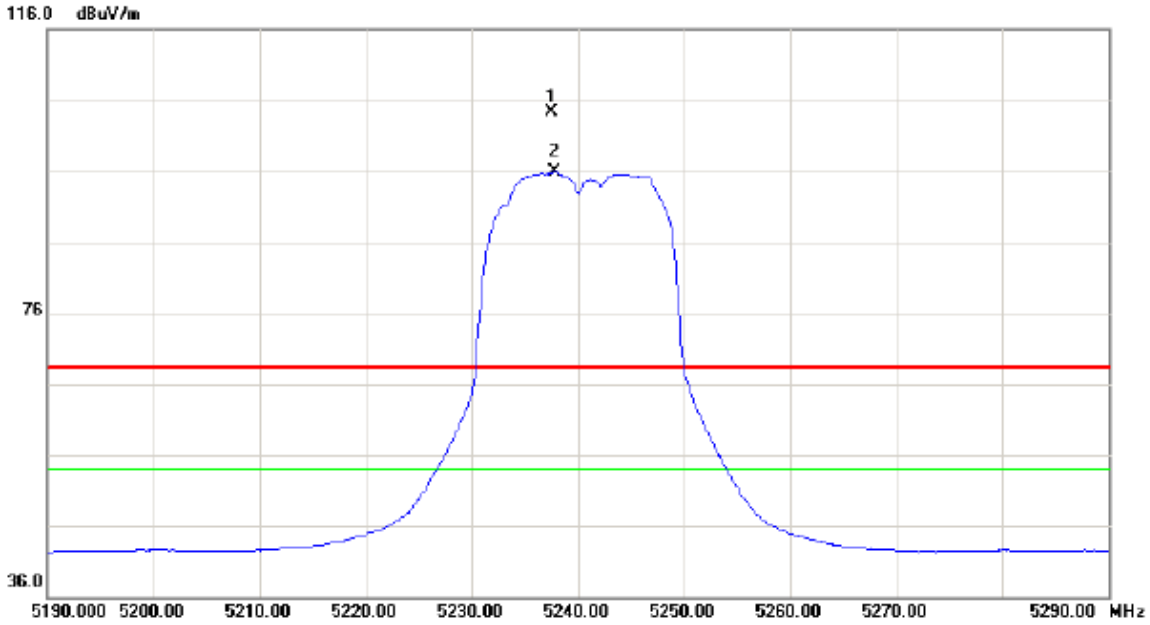
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5237.500	61.34	42.93	104.27	68.30	35.97	peak	
2	*	5237.800	52.95	42.93	95.88	54.00	41.88	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5240MHz

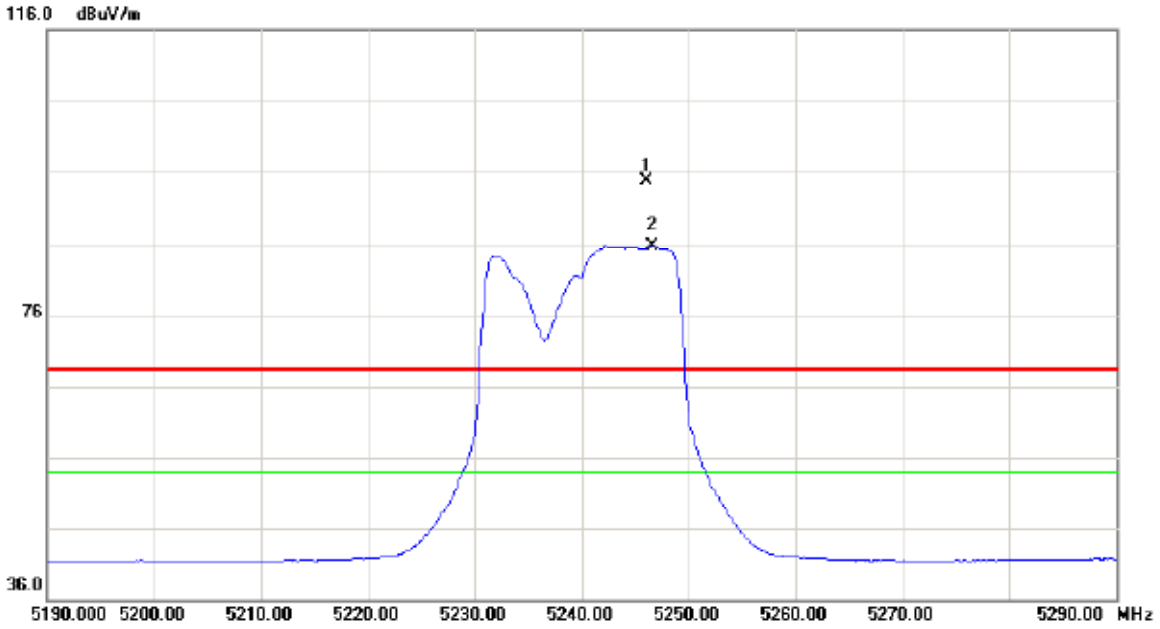
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5237.500	61.34	42.93	104.27	68.30	35.97	peak	
2	*	5237.800	52.95	42.93	95.88	54.00	41.88	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5240MHz

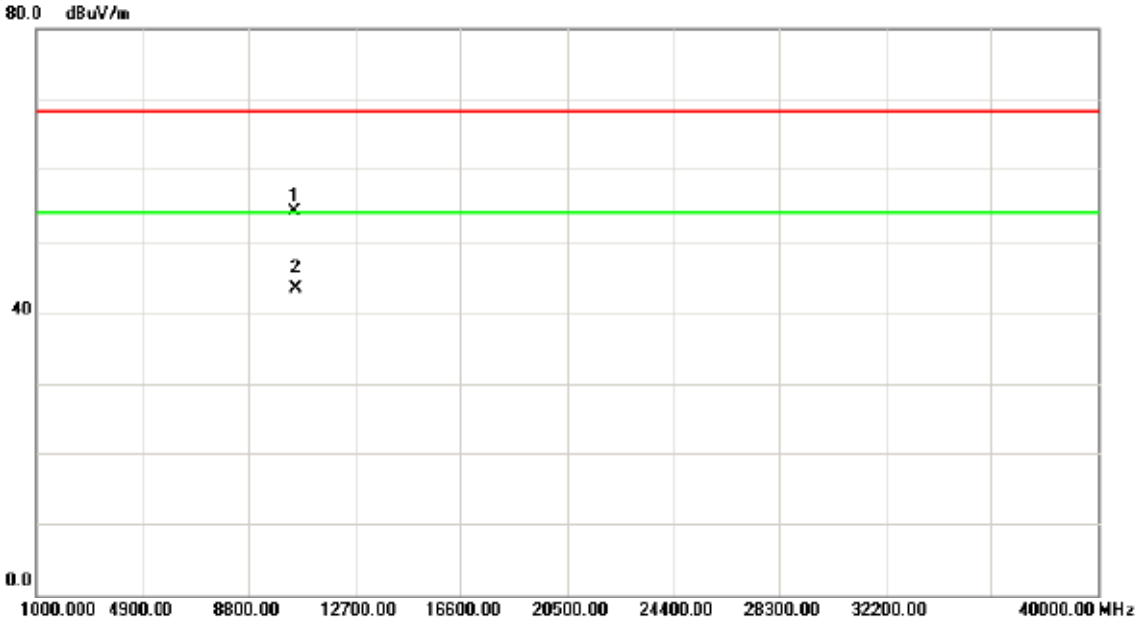
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5246.000	51.72	42.95	94.67	68.30	26.37	peak	
2	*	5246.600	42.74	42.95	85.69	54.00	31.69	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(20 MHz) Mode 5240MHz

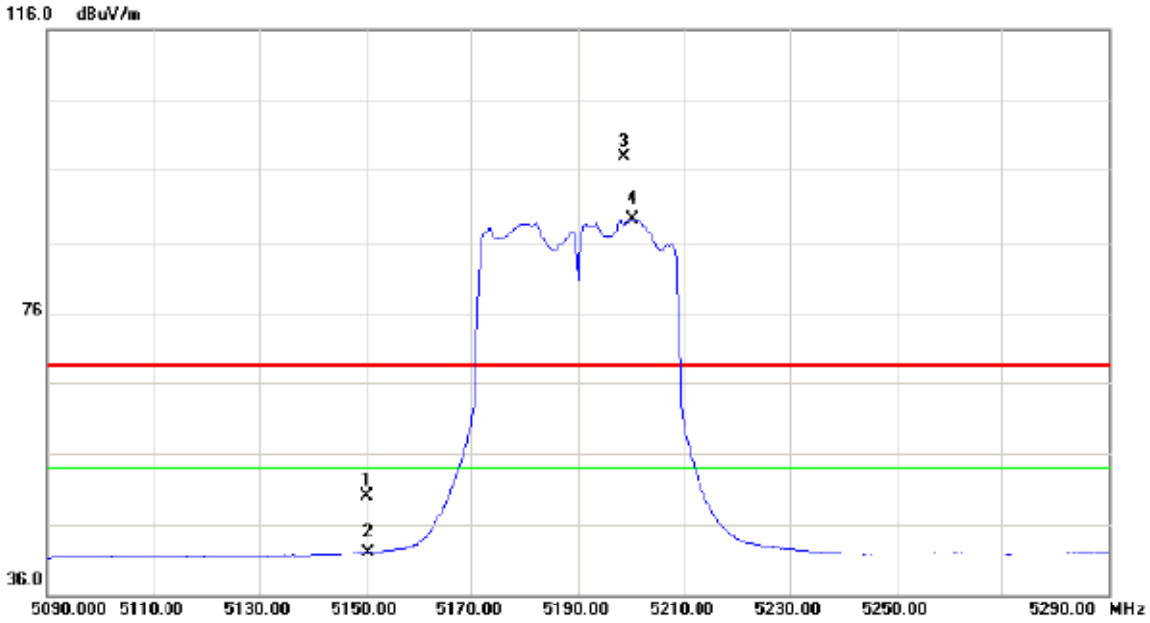
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10481.50	38.31	15.84	54.15	68.30	-14.15	peak	
2	*	10482.30	27.43	15.84	43.27	54.00	-10.73	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5190MHz

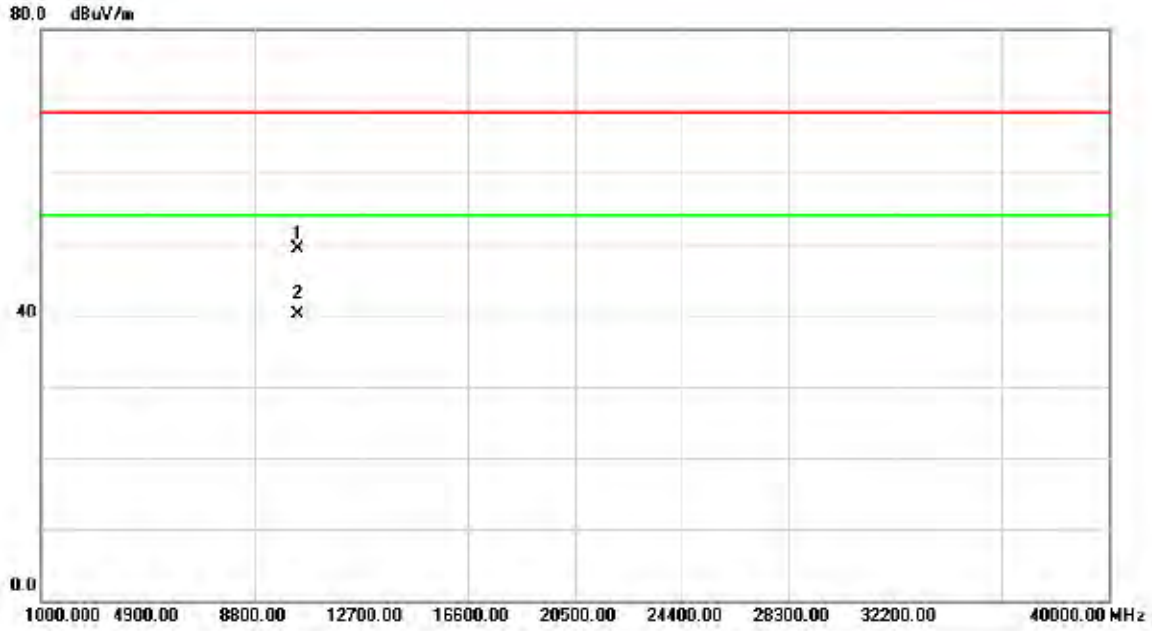
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.48	42.72	50.20	68.30	-18.10	peak	
2		5150.000	-0.57	42.72	42.15	54.00	-11.85	AVG	
3	X	5198.600	55.14	42.84	97.98	68.30	29.68	peak	
4	*	5200.200	46.30	42.84	89.14	54.00	35.14	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5190MHz

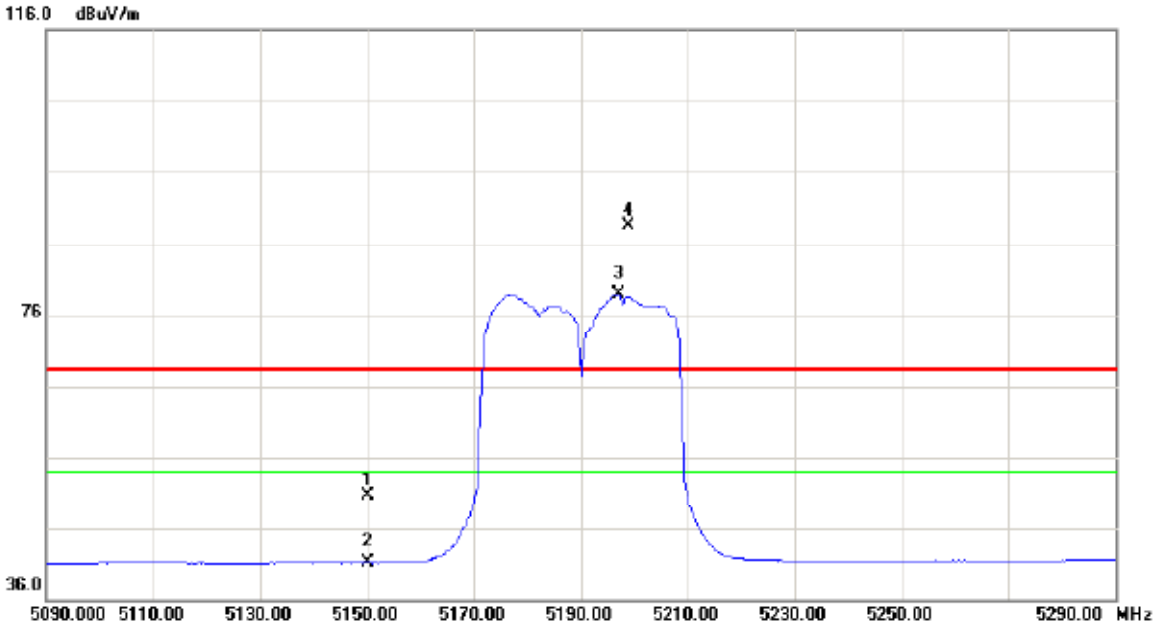
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10386.20	33.35	15.98	49.33	68.30	-18.97	peak	
2	*	10387.40	24.13	15.99	40.12	54.00	-13.88	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5190MHz

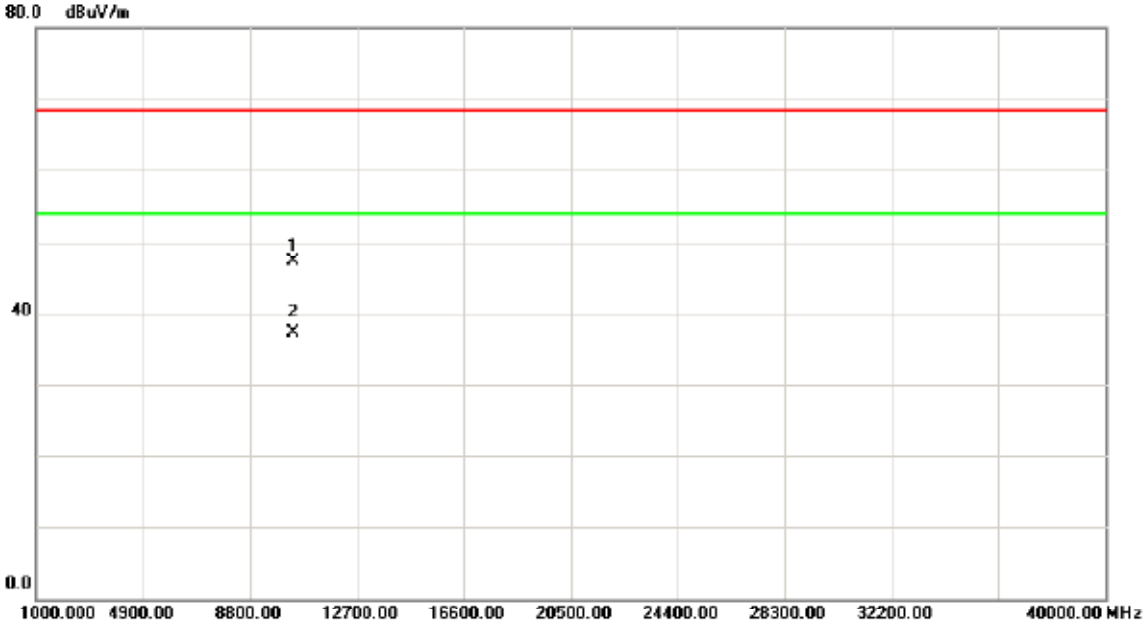
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.96	42.72	50.68	68.30	-17.62	peak	
2		5150.000	-1.47	42.72	41.25	54.00	-12.75	AVG	
3	*	5197.000	36.06	42.84	78.90	54.00	24.90	AVG	
4	X	5199.000	45.73	42.84	88.57	68.30	20.27	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5190MHz

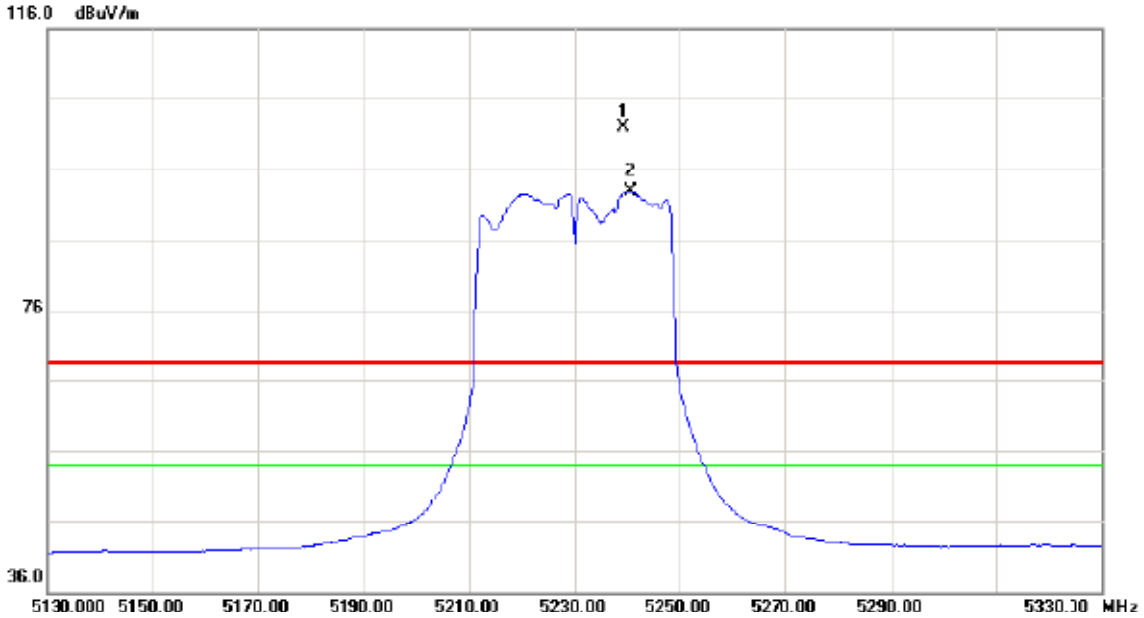
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10382.60	31.36	15.99	47.35	68.30	-20.95	peak	
2	*	10385.20	21.23	15.98	37.21	54.00	-16.79	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5230MHz

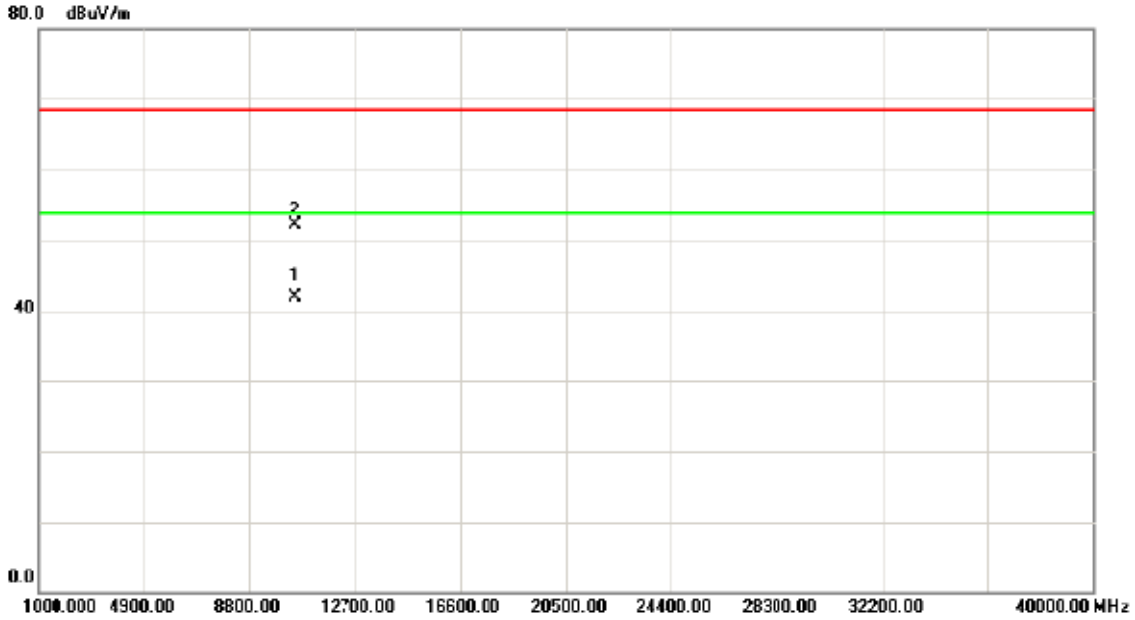
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5239.200	59.04	42.94	101.98	68.30	33.68	peak	
2	*	5240.400	50.02	42.94	92.96	54.00	38.96	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5230MHz

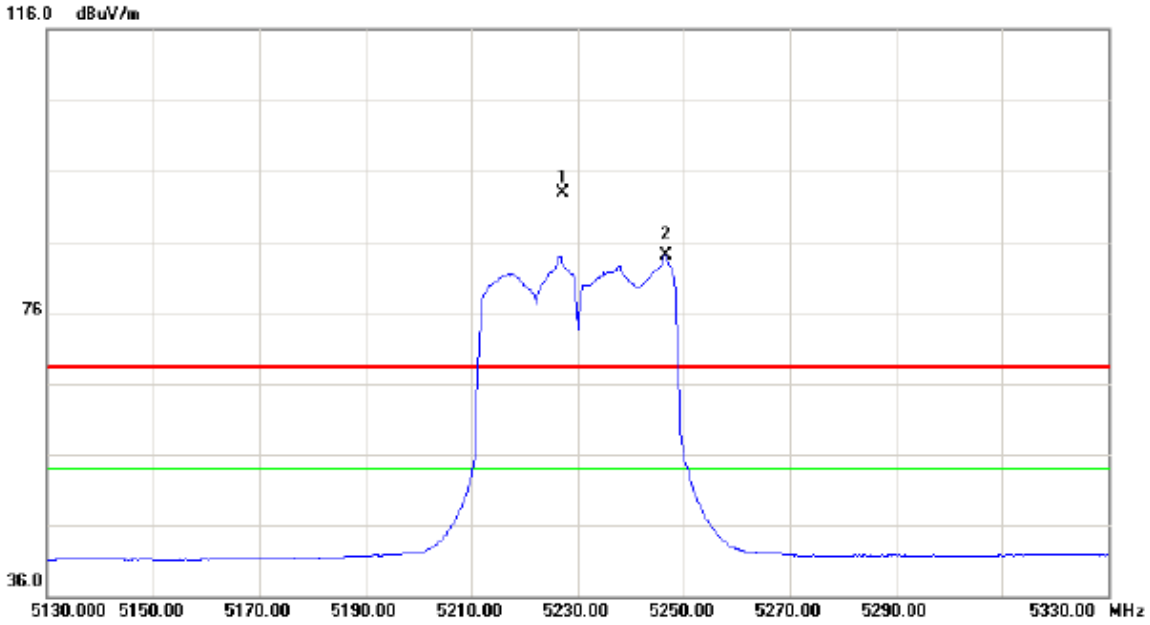
Vertical



No	Mk	Freq	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10463.50	25.98	15.87	41.85	54.00	-12.15	AVG	
2		10465.10	36.38	15.87	52.25	68.30	-16.05	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5230MHz

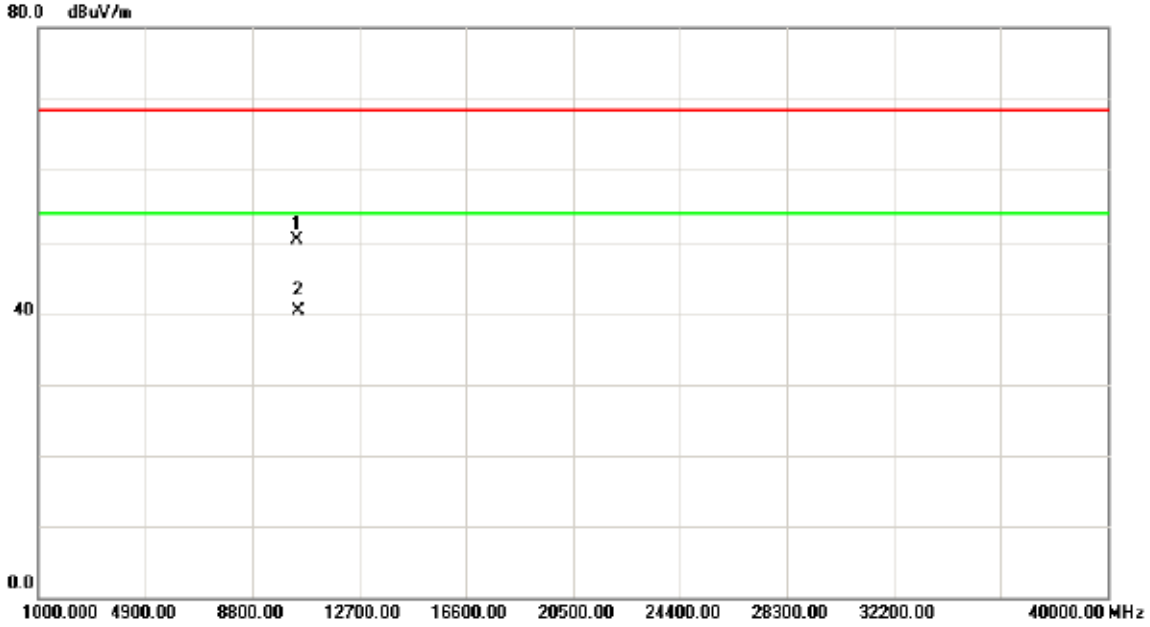
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5227.200	50.03	42.91	92.94	68.30	24.64	peak	
2	*	5246.600	41.17	42.95	84.12	54.00	30.12	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(40 MHz) Mode 5230MHz

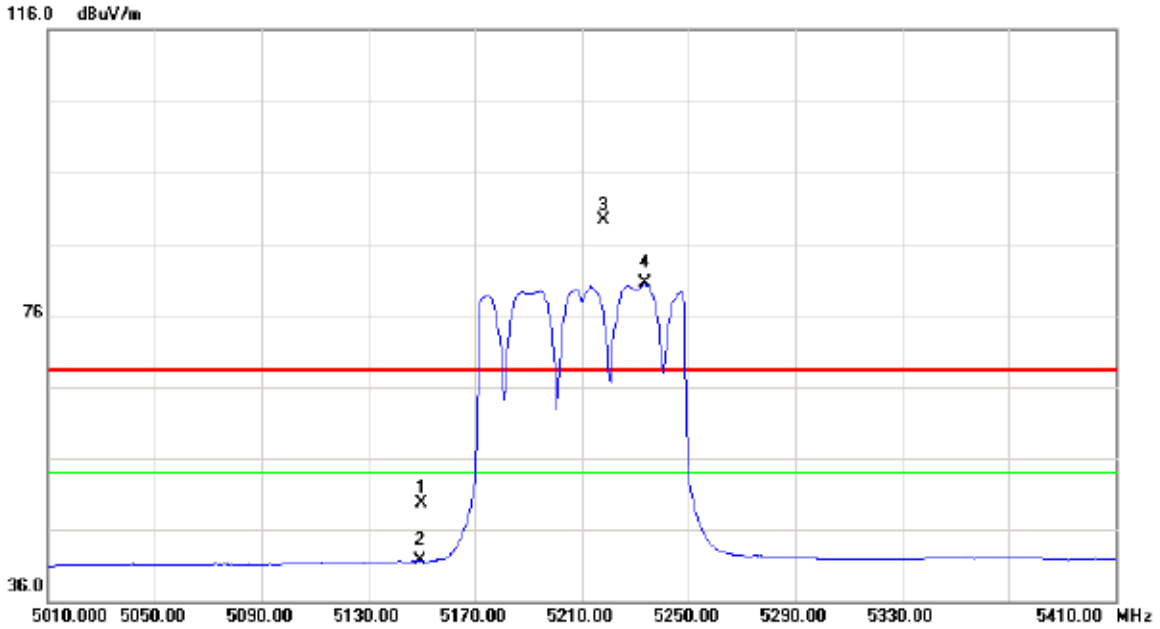
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10462.50	34.42	15.88	50.30	68.30	-18.00	peak	
2	*	10463.50	24.50	15.87	40.37	54.00	-13.63	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(80 MHz) Mode 5210MHz

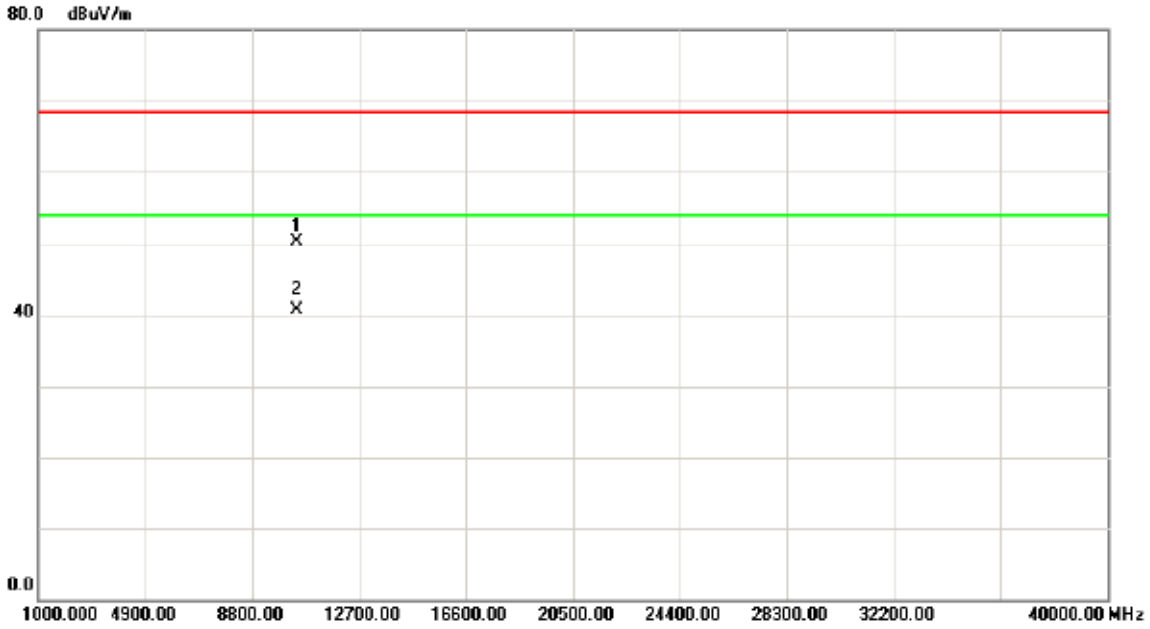
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	6.98	42.72	49.70	68.30	-18.60	peak	
2		5150.000	-1.10	42.72	41.62	54.00	-12.38	AVG	
3	X	5218.400	46.36	42.89	89.25	68.30	20.95	peak	
4	*	5233.600	37.62	42.92	80.54	54.00	26.54	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(80 MHz) Mode 5210MHz

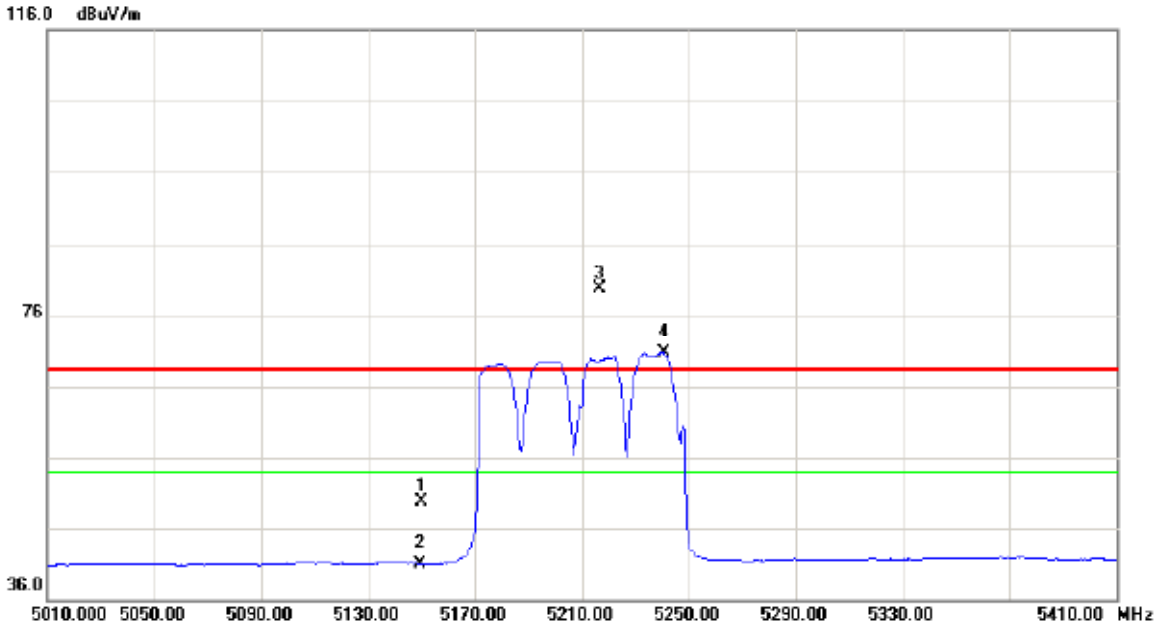
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10426.30	34.28	15.93	50.21	68.30	-18.09	peak	
2	*	10428.50	24.85	15.93	40.78	54.00	-13.22	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(80 MHz) Mode 5210MHz

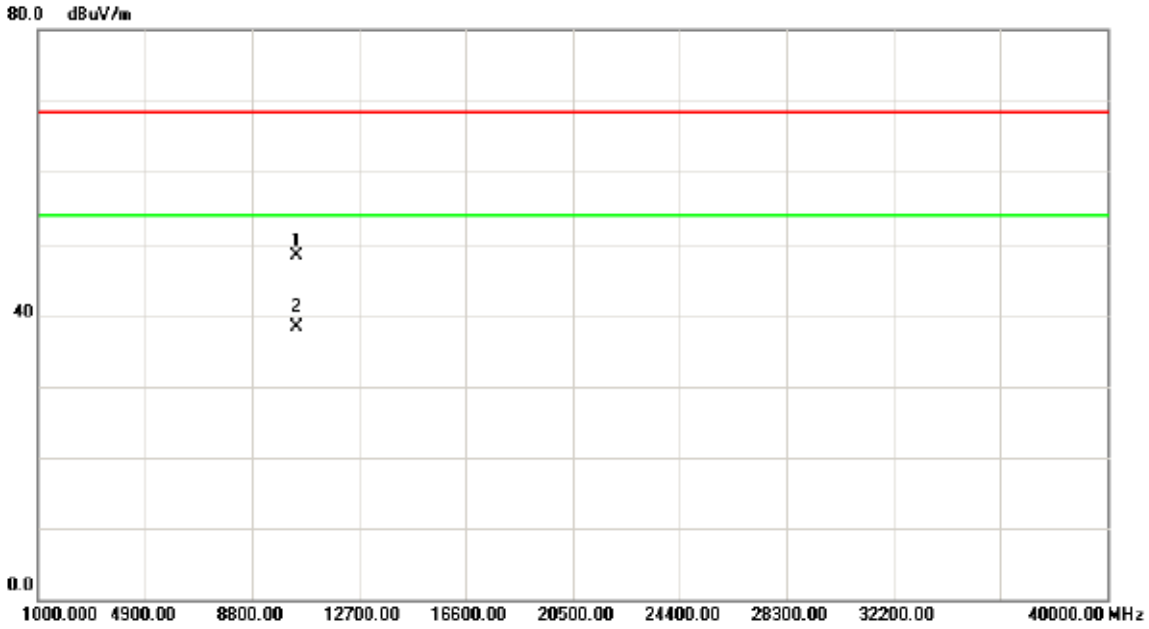
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	7.21	42.72	49.93	68.30	-18.37	peak	
2		5150.000	-1.55	42.72	41.17	54.00	-12.83	AVG	
3	X	5216.800	36.89	42.89	79.78	68.30	11.48	peak	
4	*	5240.400	27.73	42.94	70.67	54.00	16.67	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX ac(80 MHz) Mode 5210MHz

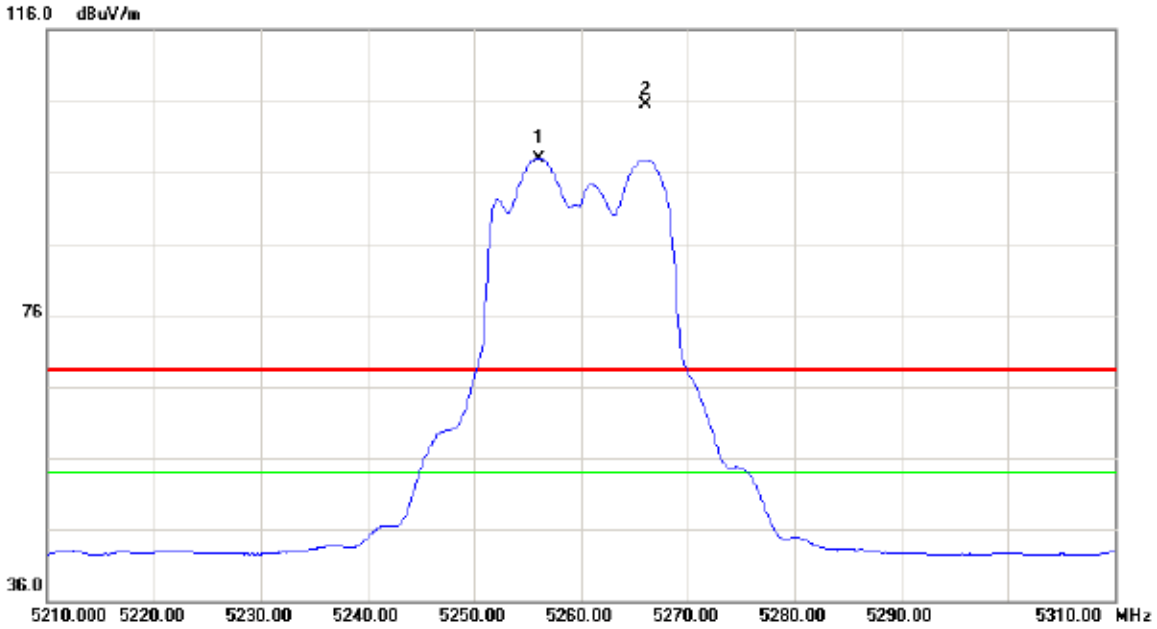
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10425.60	32.35	15.93	48.28	68.30	-20.02	peak	
2	*	10428.50	22.37	15.93	38.30	54.00	-15.70	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5260MHz

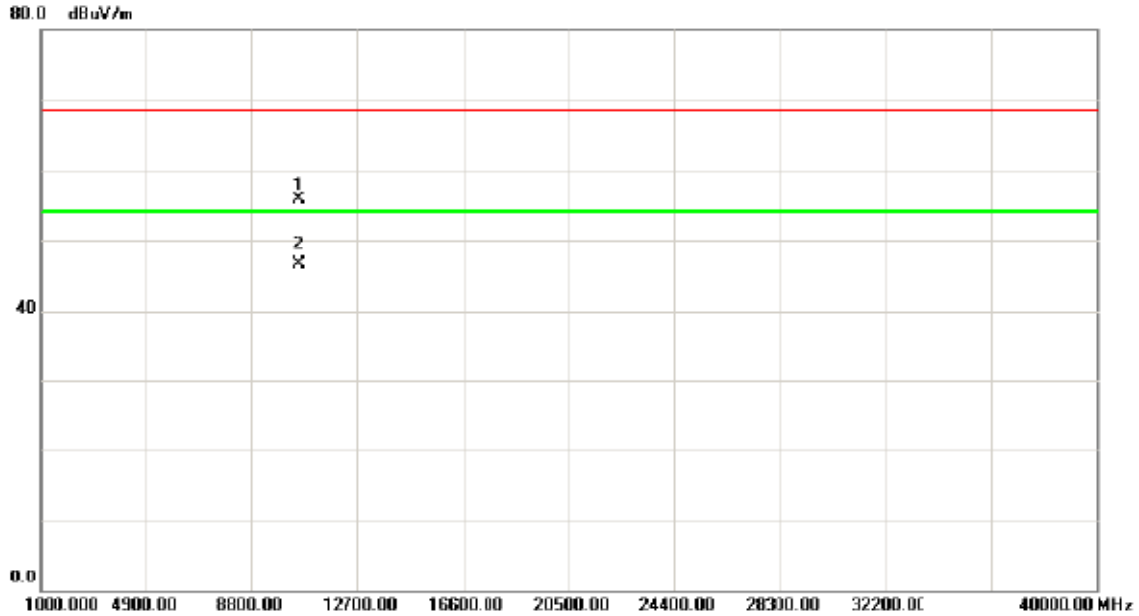
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5256.000	54.99	42.98	97.97	54.00	43.97	AVG	
2	X	5266.100	62.48	43.01	105.49	68.30	37.19	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5260MHz

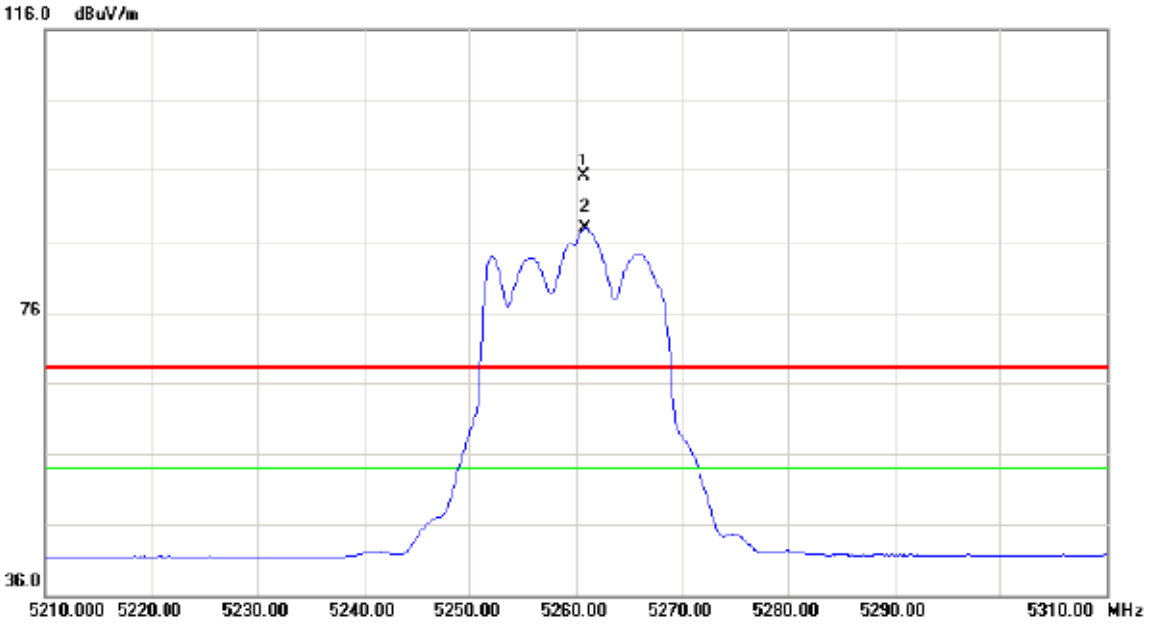
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10523.80	39.74	15.90	55.64	68.30	-12.66	peak	
2	*	10523.80	30.70	15.90	46.60	54.00	-7.40	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5260MHz

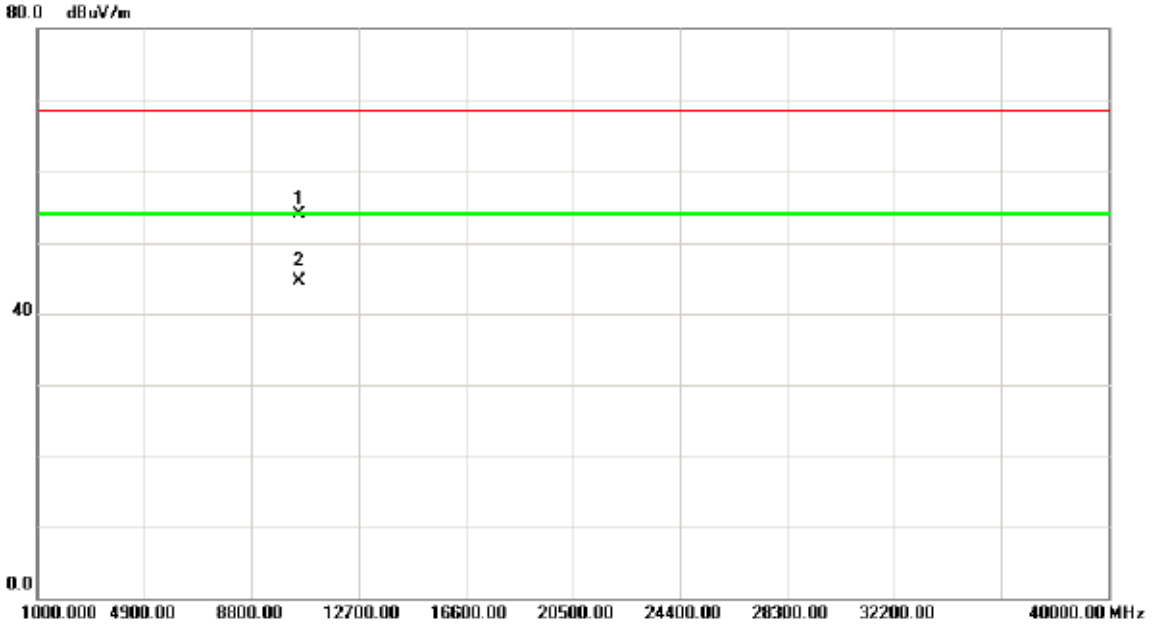
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.700	52.02	42.99	95.01	68.30	26.71	peak	
2	*	5260.800	44.87	42.99	87.86	54.00	33.86	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5260MHz

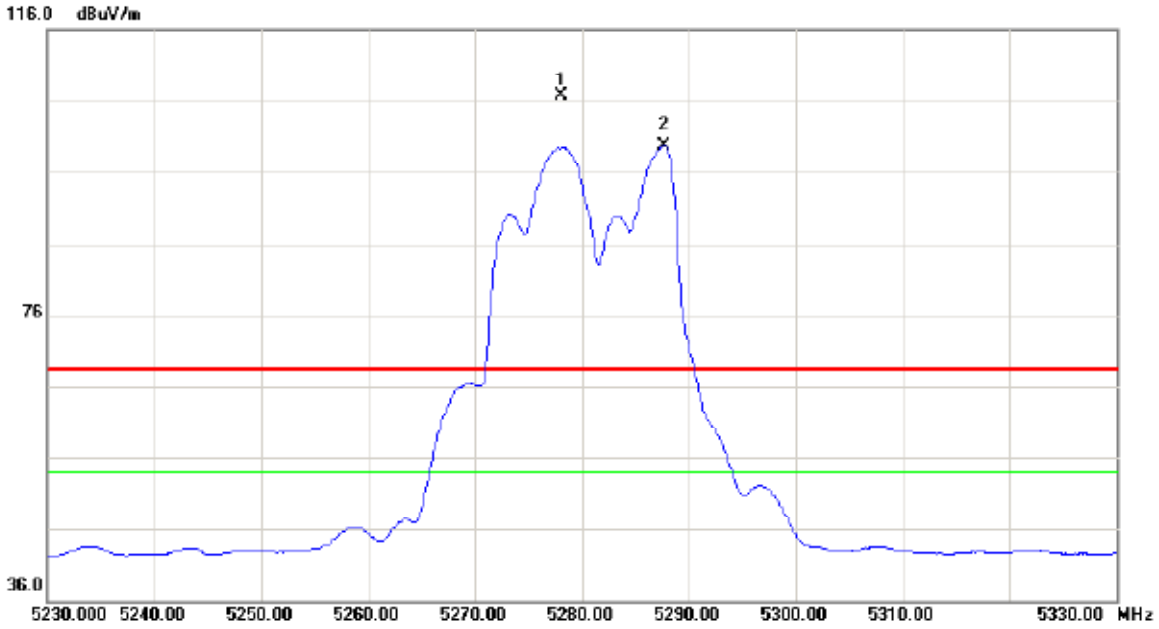
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10522.20	38.06	15.88	53.94	68.30	-14.36	peak	
2	*	10522.25	28.56	15.88	44.44	54.00	-9.56	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5280MHz

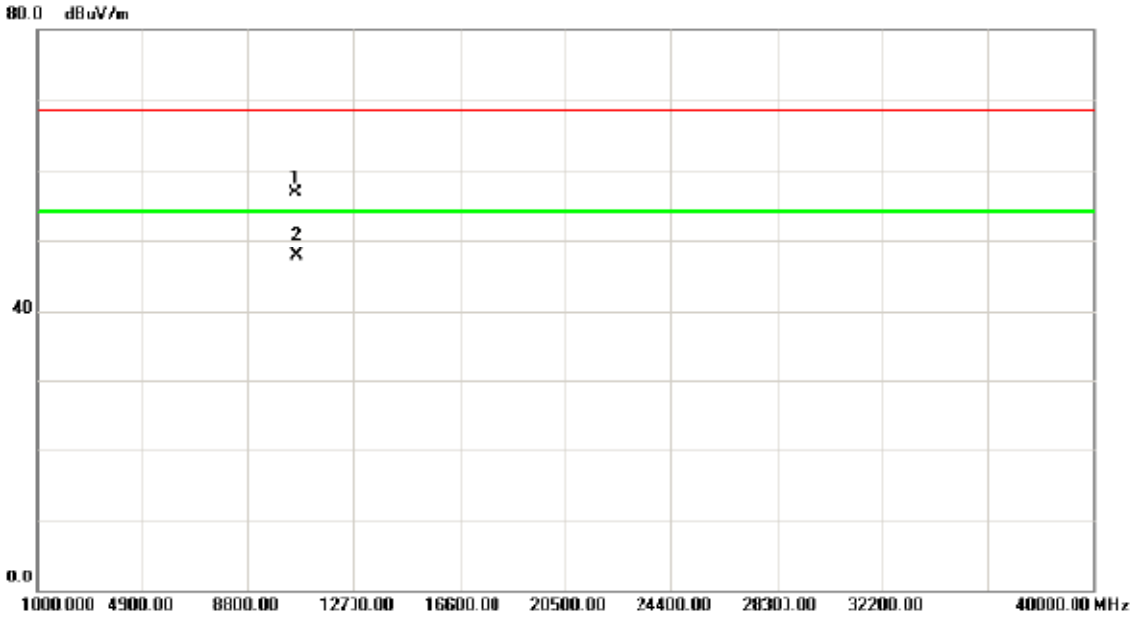
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5278.100	63.65	43.03	106.68	68.30	38.38	peak	
2	*	5287.700	56.62	43.06	99.68	54.00	45.68	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5280MHz

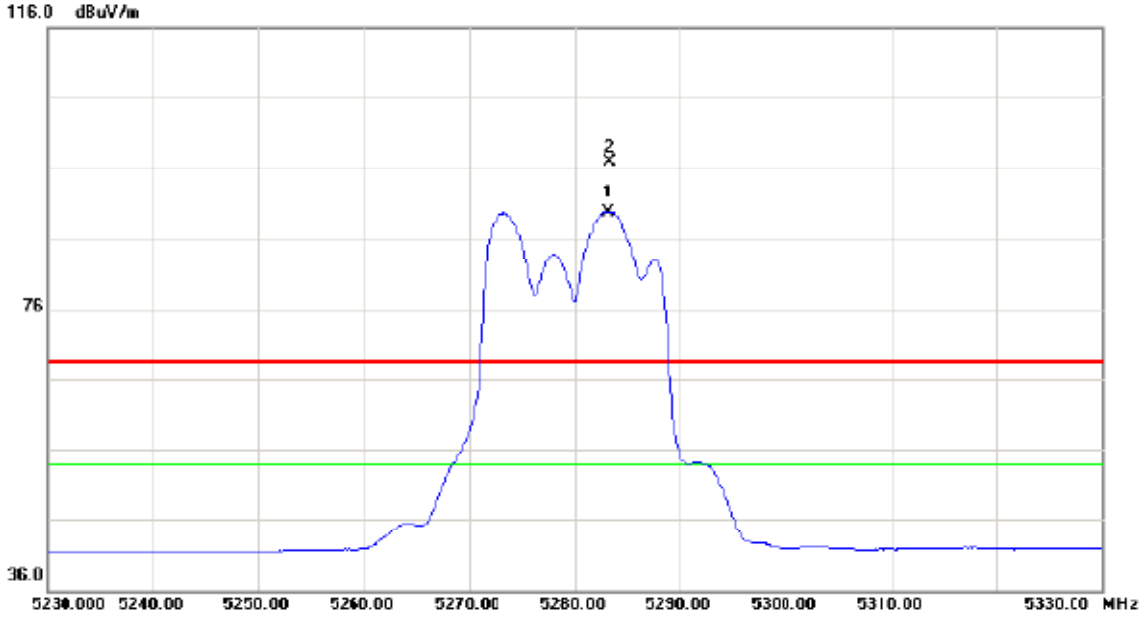
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10563.50	40.75	16.00	56.75	68.30	-11.55	peak	
2	*	10565.60	31.64	16.01	47.65	54.00	-6.35	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5280MHz

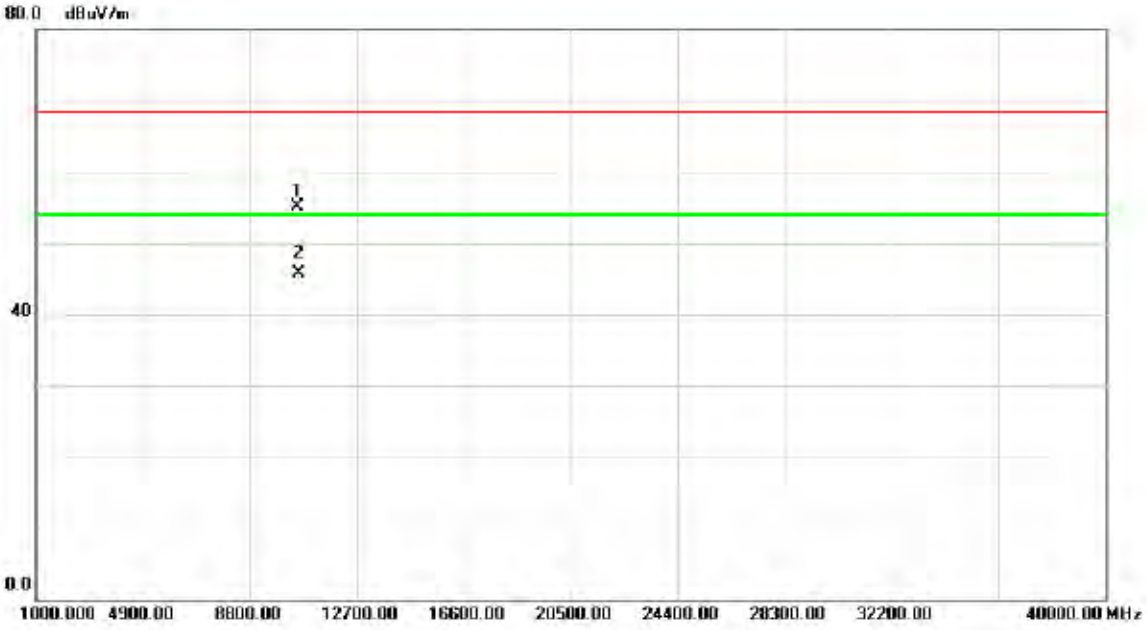
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5283.100	46.53	43.04	89.57	54.00	35.57	AVG	
2	X	5283.200	53.96	43.04	97.00	68.30	28.70	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5280MHz

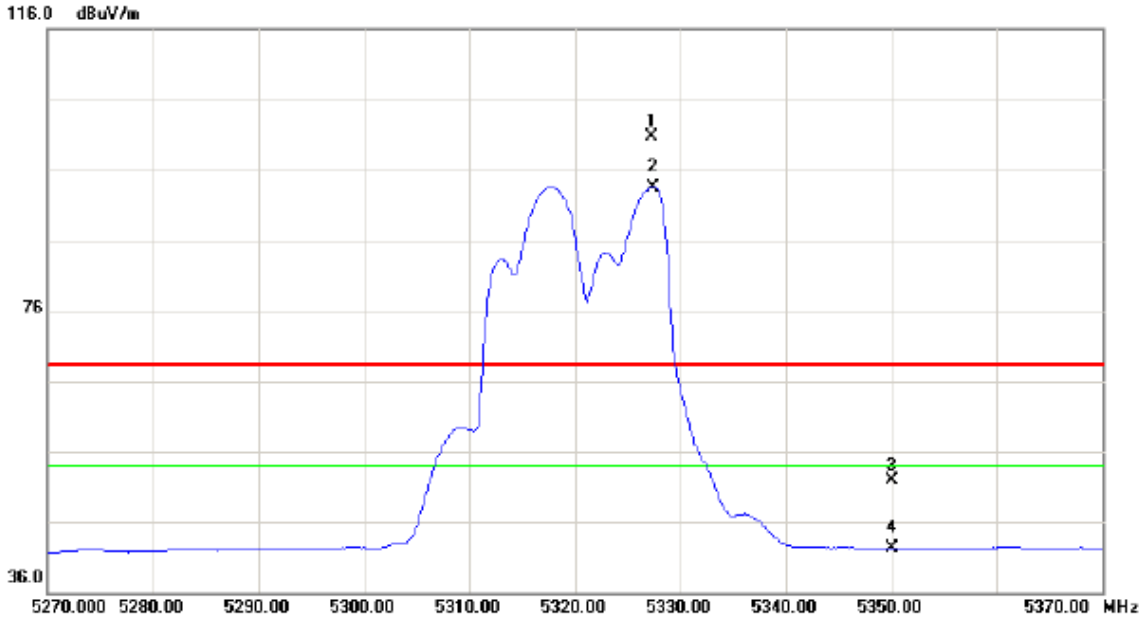
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10563.20	39.05	16.00	55.05	68.30	-13.25	peak	
2	*	10565.40	29.61	16.01	45.62	54.00	-8.38	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5320MHz

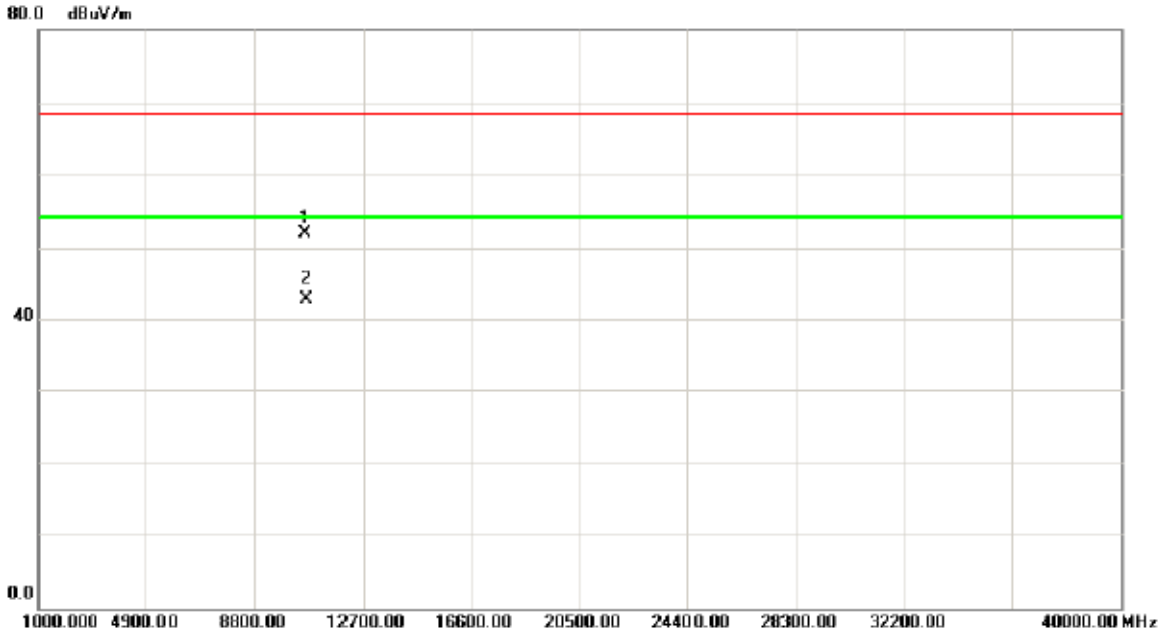
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5327.300	57.53	43.15	100.68	68.30	32.38	peak	
2	*	5327.400	50.43	43.15	93.58	54.00	39.58	AVG	
3		5350.000	8.63	43.21	51.84	68.30	-16.46	peak	
4		5350.000	-0.88	43.21	42.33	54.00	-11.67	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5320MHz

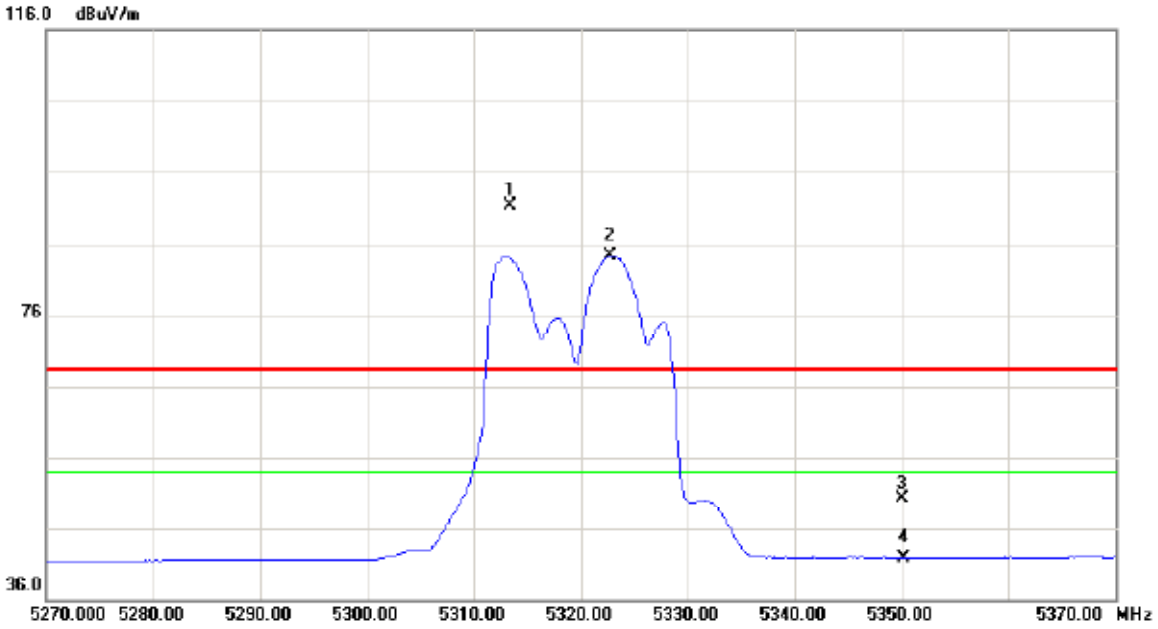
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10642.50	35.46	16.23	51.69	68.30	-16.61	peak	
2	*	10645.20	26.38	16.24	42.62	54.00	-11.38	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5320MHz

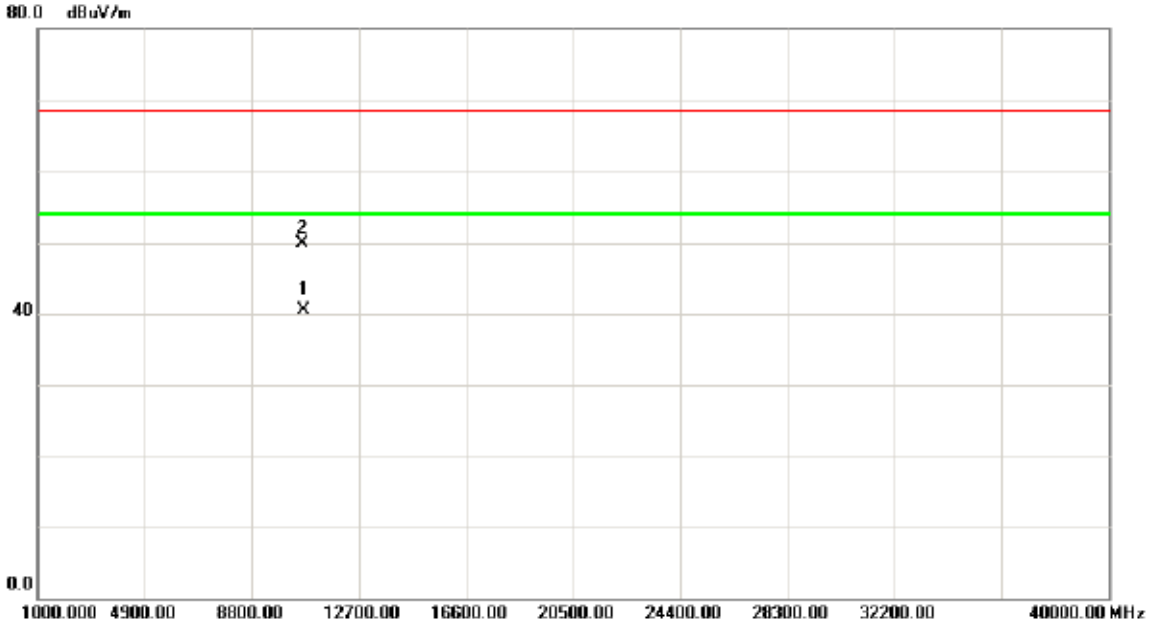
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5313.400	48.23	43.12	91.35	68.30	23.05	peak	
2	*	5322.700	41.16	43.15	84.31	54.00	30.31	AVG	
3		5350.000	7.10	43.21	50.31	68.30	-17.99	peak	
4		5350.000	-1.30	43.21	41.91	54.00	-12.09	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11a Mode 5320MHz

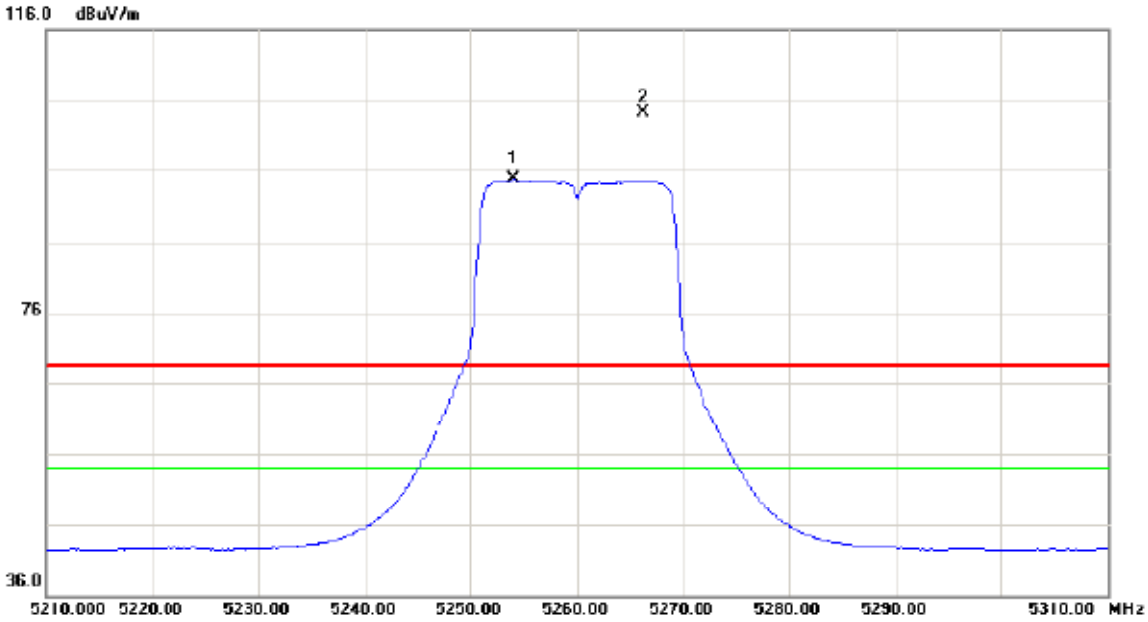
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10642.30	24.26	16.23	40.49	54.00	-13.51	AVG	
2		10645.90	33.74	16.24	49.98	68.30	-18.32	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5260MHz

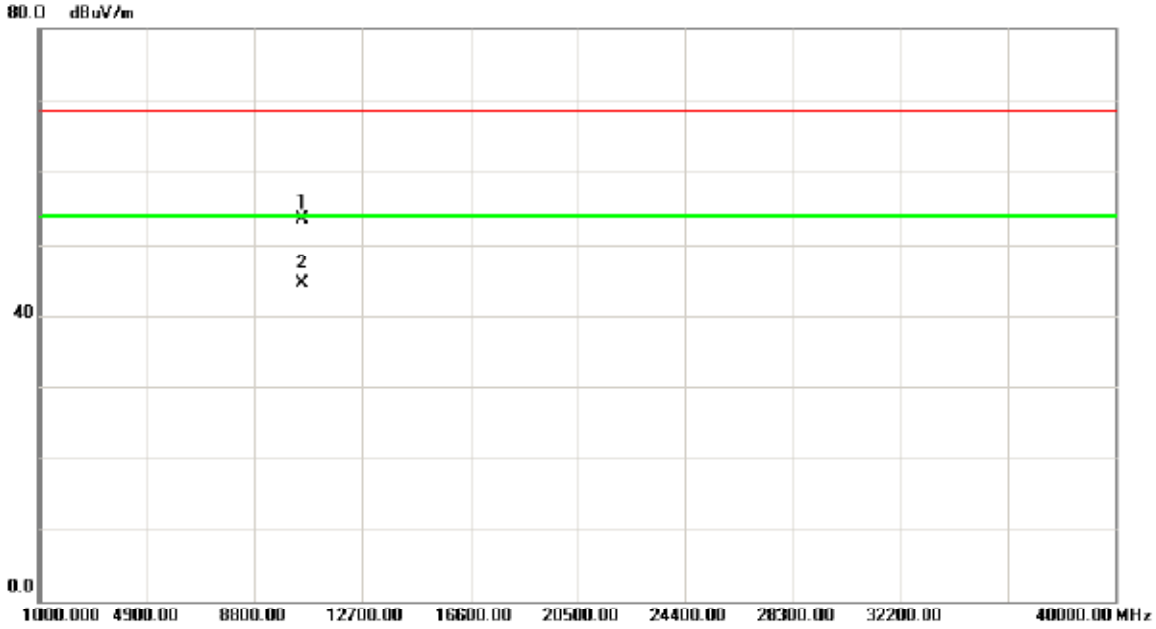
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5254.100	51.66	42.98	94.64	54.00	40.64	AVG	
2	X	5266.200	61.30	43.01	104.31	68.30	36.01	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5260MHz

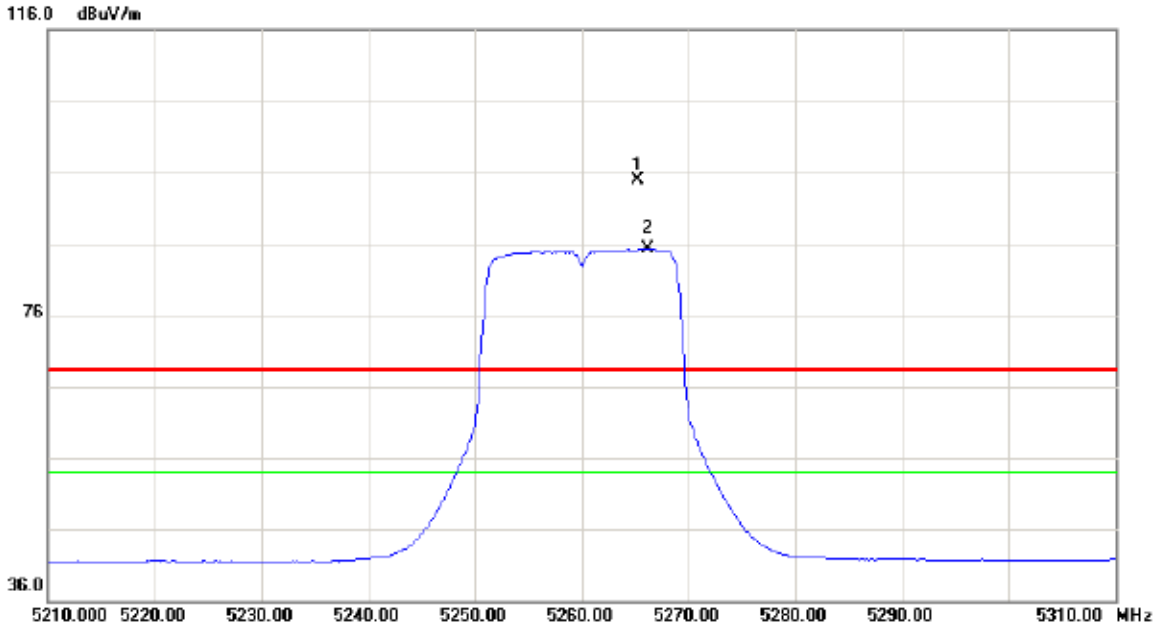
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10524.80	37.64	15.89	53.53	68.30	-14.77	peak	
2	*	10527.40	28.57	15.90	44.47	54.00	-9.53	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5260MHz

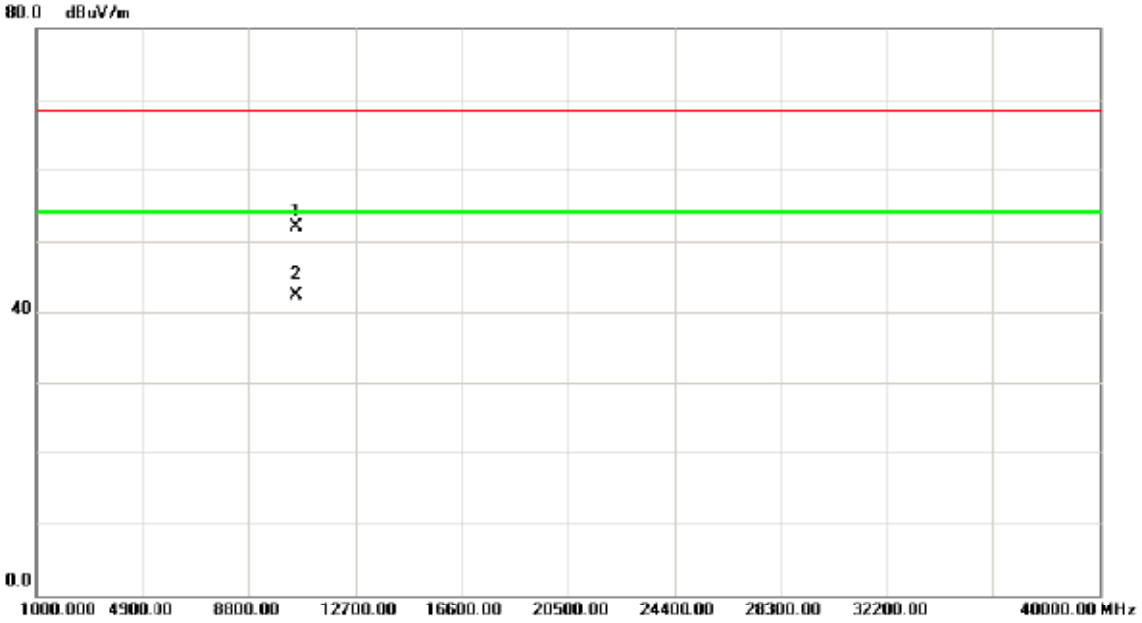
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5265.300	51.94	43.00	94.94	68.30	26.64	peak	
2	*	5266.200	42.36	43.01	85.37	54.00	31.37	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5260MHz

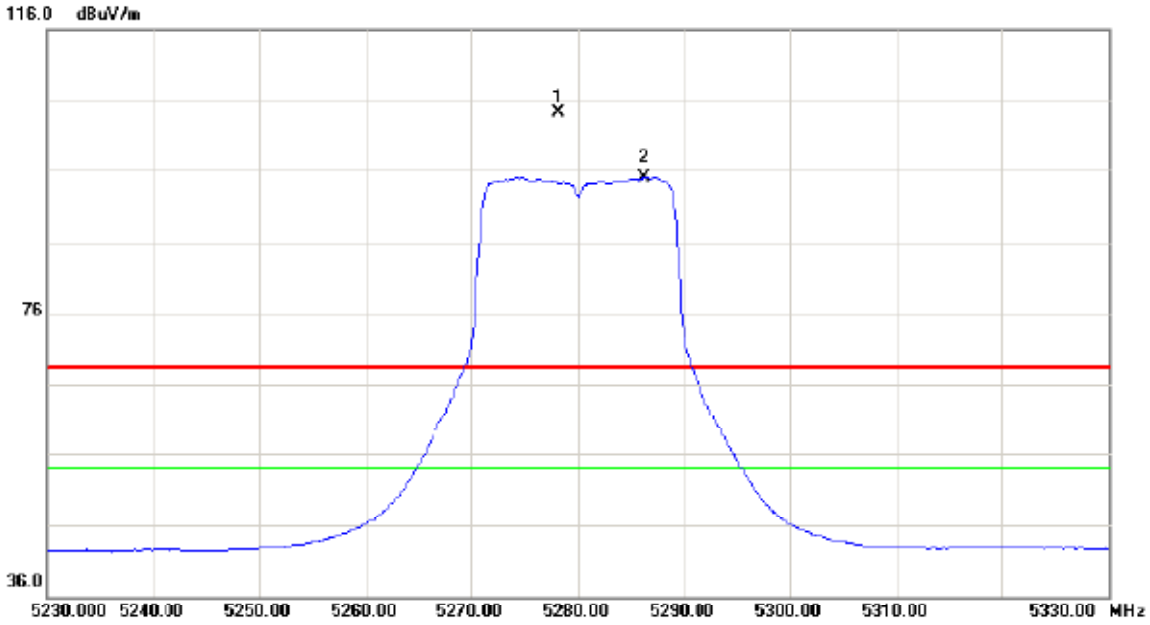
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10523.40	35.94	15.90	51.84	68.30	-16.46	peak	
2	*	10526.30	26.41	15.89	42.30	54.00	-11.70	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5280MHz

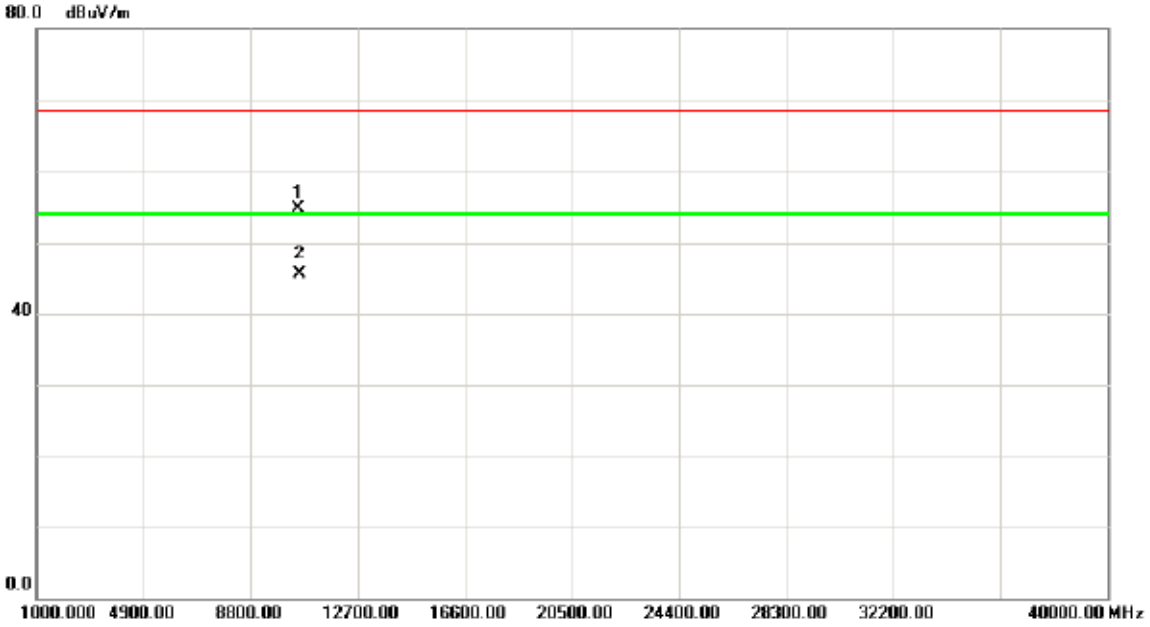
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5278.200	61.20	43.04	104.24	68.30	35.94	peak	
2	*	5286.200	51.85	43.06	94.91	54.00	40.91	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5280MHz

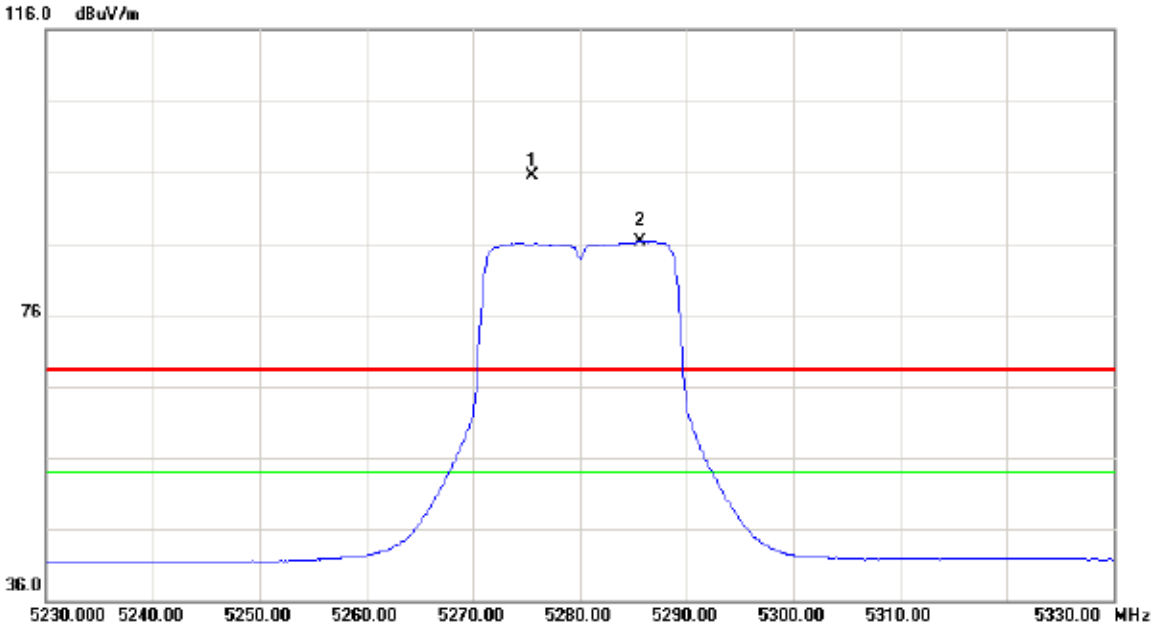
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10562.40	38.65	16.00	54.65	68.30	-13.65	peak	
2	*	10563.80	29.45	16.00	45.45	54.00	-8.55	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5280MHz

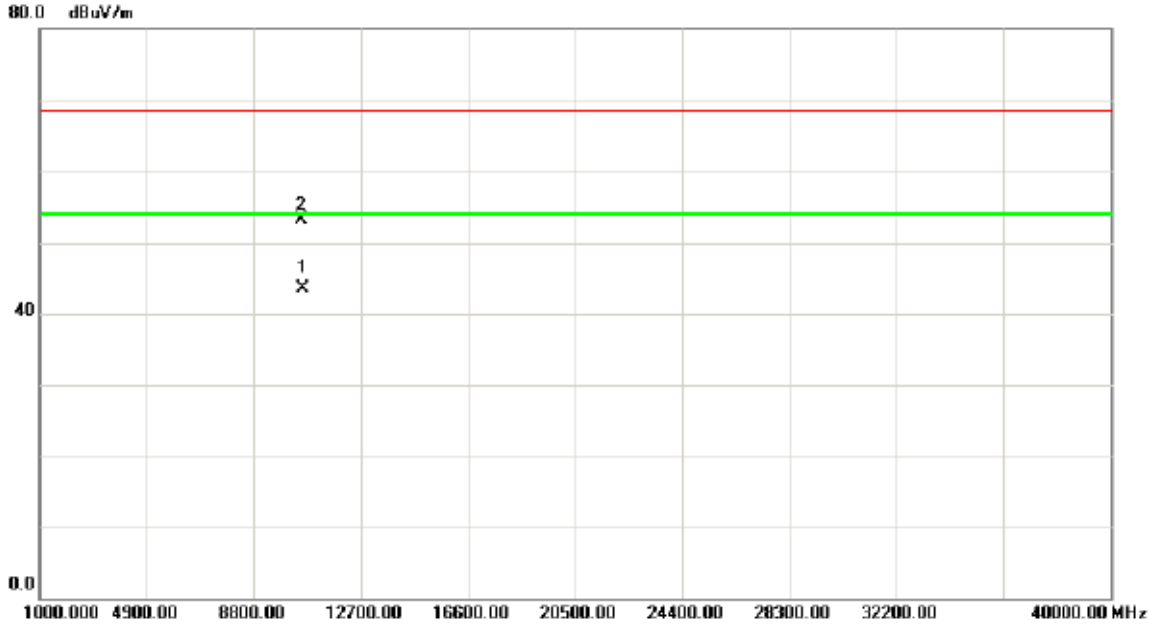
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5275.500	52.45	43.03	95.48	68.30	27.18	peak	
2	*	5285.700	43.29	43.06	86.35	54.00	32.35	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5280MHz

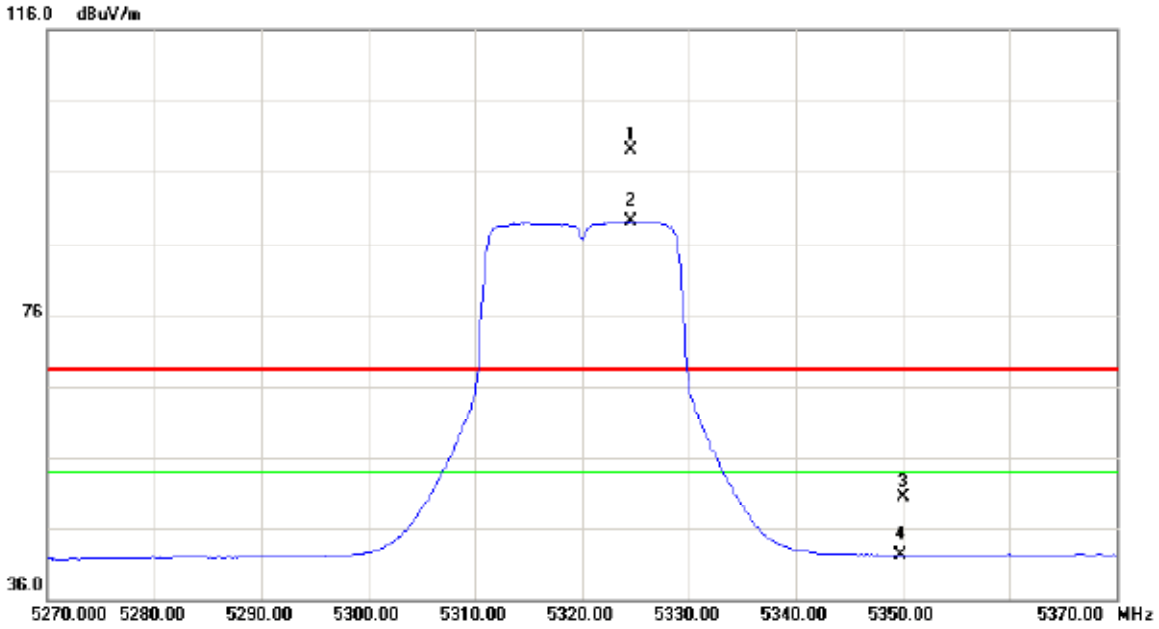
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10562.40	27.52	16.00	43.52	54.00	-10.48	AVG	
2		10566.60	37.12	16.01	53.13	68.30	-15.17	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5320MHz

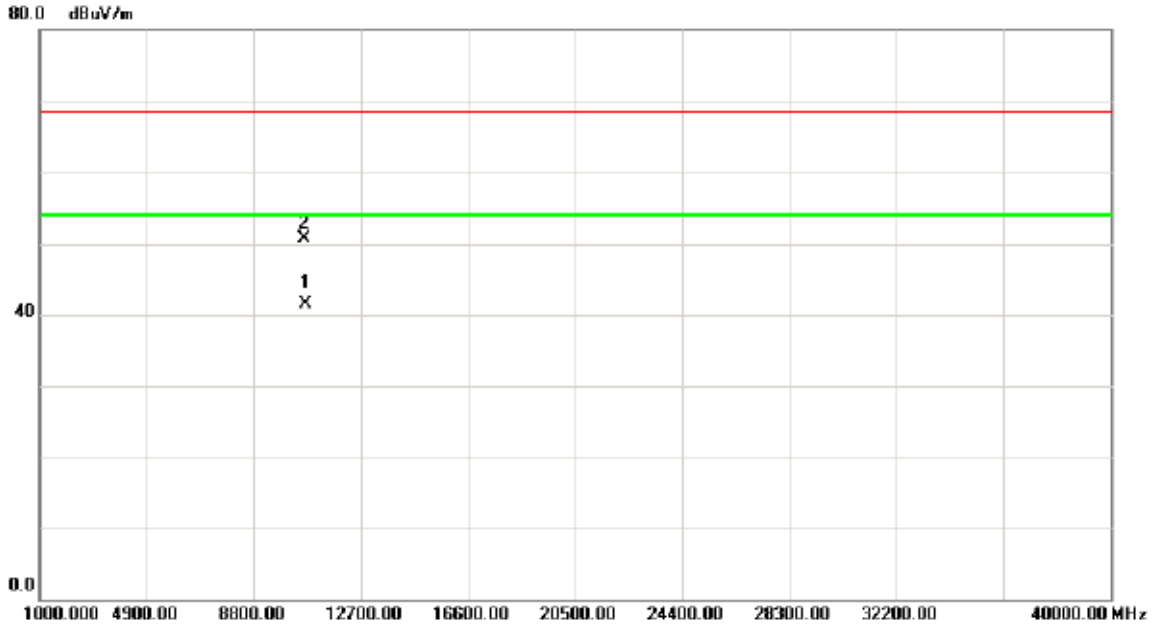
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5324.600	55.96	43.15	99.11	68.30	30.81	peak	
2	*	5324.600	45.97	43.15	89.12	54.00	35.12	AVG	
3		5350.000	7.23	43.21	50.44	68.30	-17.86	peak	
4		5350.000	-0.88	43.21	42.33	54.00	-11.67	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5320MHz

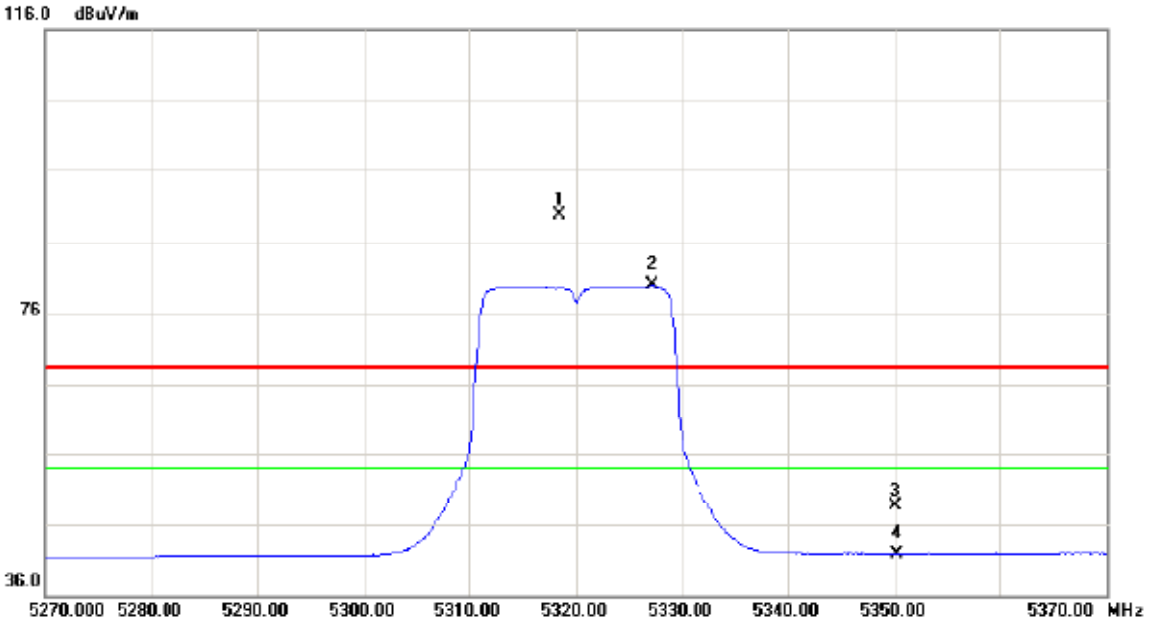
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10646.20	25.24	16.24	41.48	54.00	-12.52	AVG	
2		10648.50	34.36	16.25	50.61	68.30	-17.69	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5320MHz

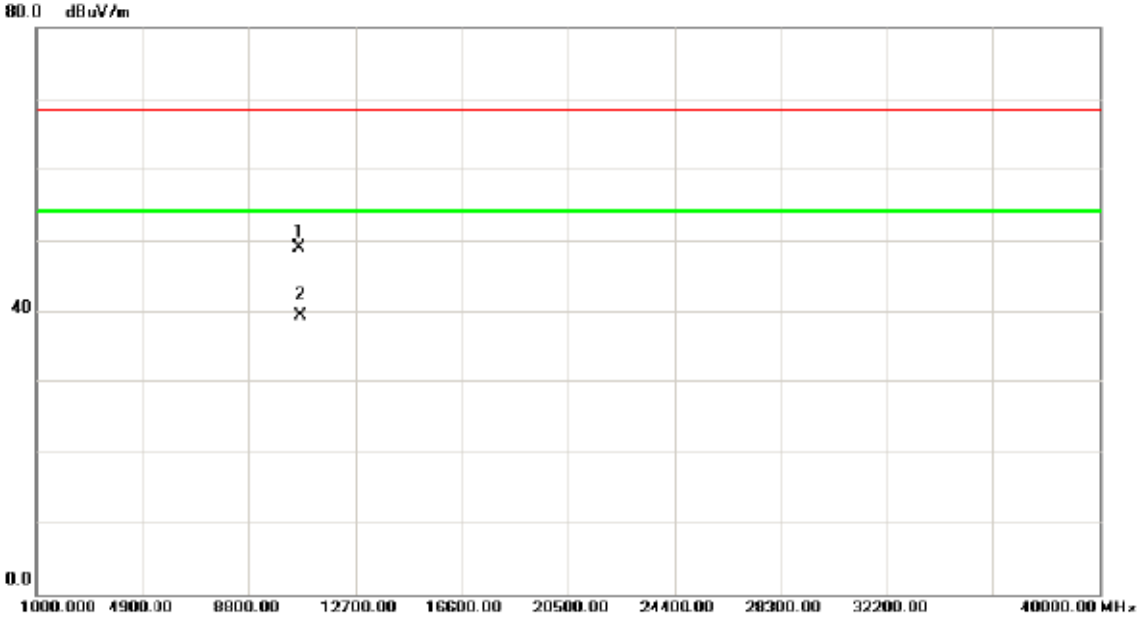
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5318.500	46.55	43.13	89.68	68.30	21.38	peak	
2	*	5327.100	36.72	43.15	79.87	54.00	25.87	AVG	
3		5350.000	5.53	43.21	48.74	68.30	-19.56	peak	
4		5350.000	-1.31	43.21	41.90	54.00	-12.10	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(20 MHz) Mode 5320MHz

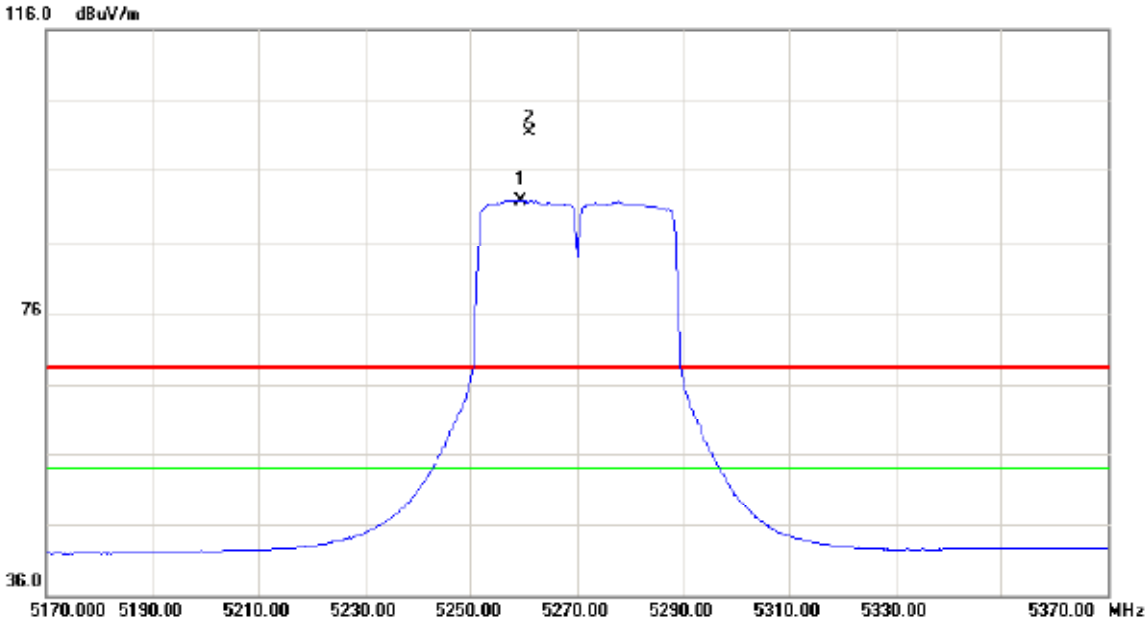
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10643.60	32.64	16.23	48.87	68.30	-19.43	peak	
2	*	10645.20	23.11	16.24	39.35	54.00	-14.65	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5270MHz

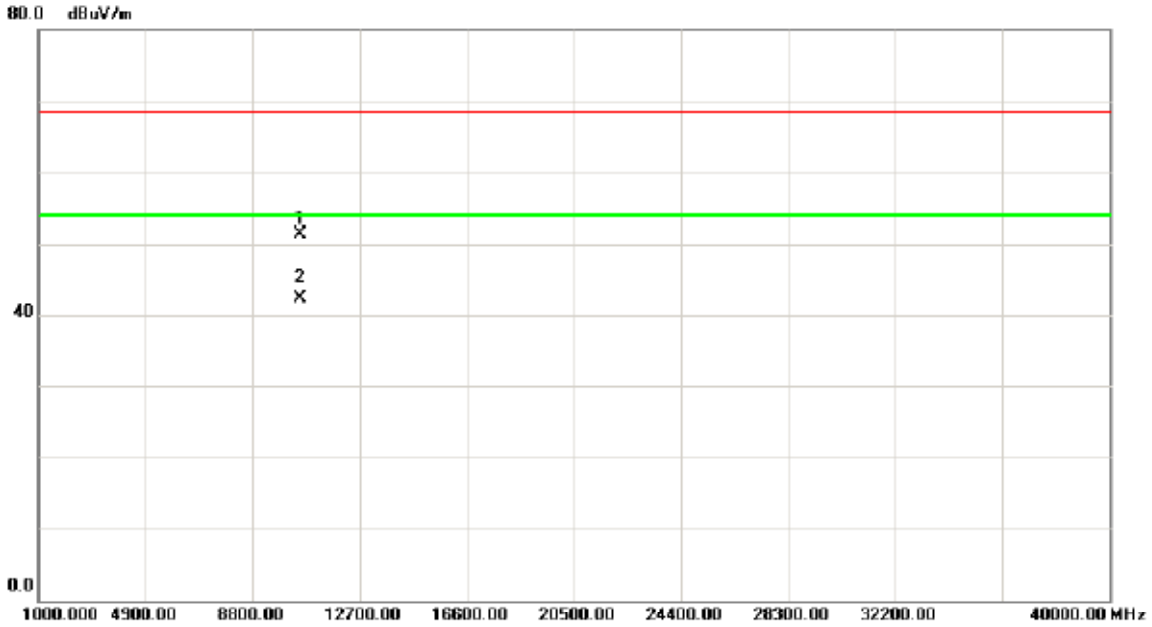
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5259.400	48.79	42.99	91.78	54.00	37.78	AVG	
2	X	5261.000	58.44	42.99	101.43	68.30	33.13	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5270MHz

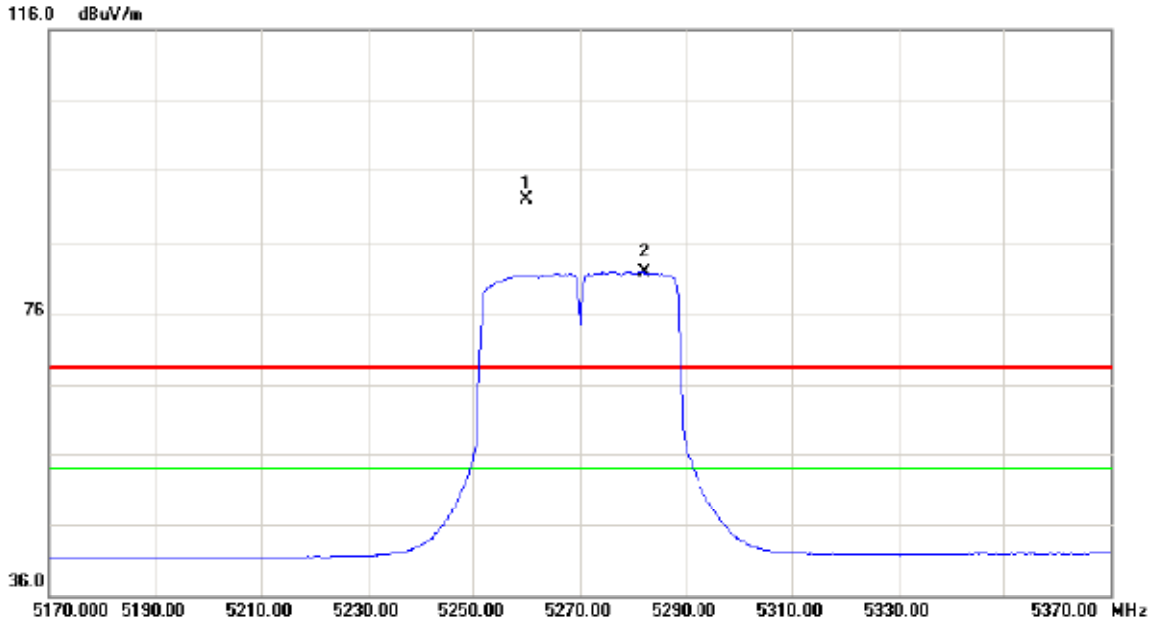
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10542.60	35.42	15.94	51.36	68.30	-16.94	peak	
2	*	10547.50	26.39	15.95	42.34	54.00	-11.66	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5270MHz

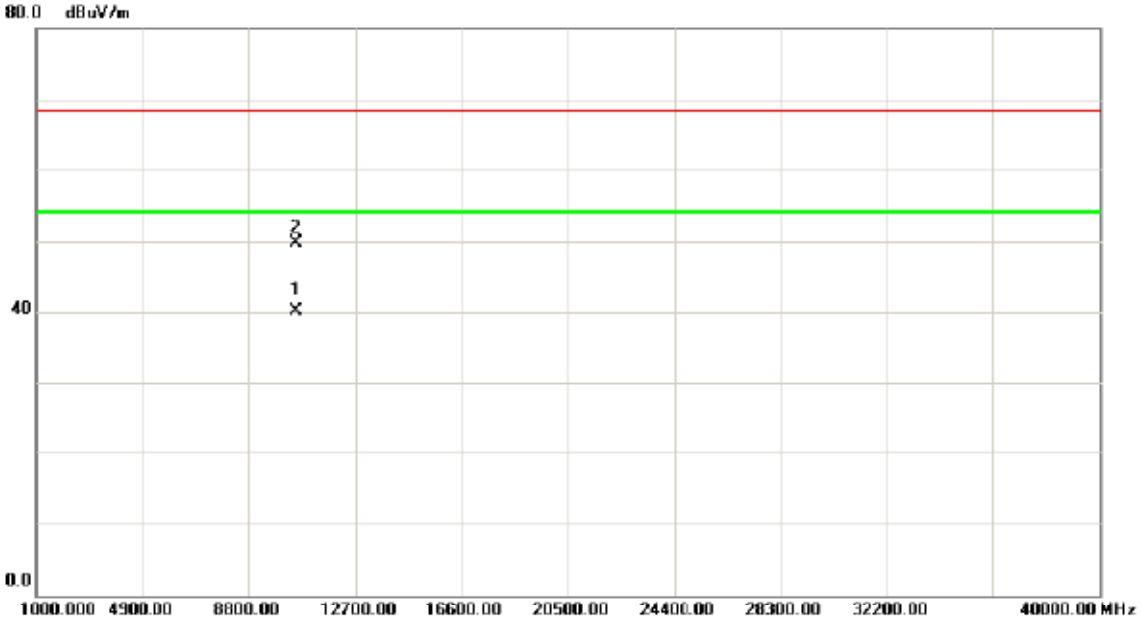
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	48.97	42.99	91.96	68.30	23.66	peak	
2	*	5282.000	38.62	43.04	81.66	54.00	27.66	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5270MHz

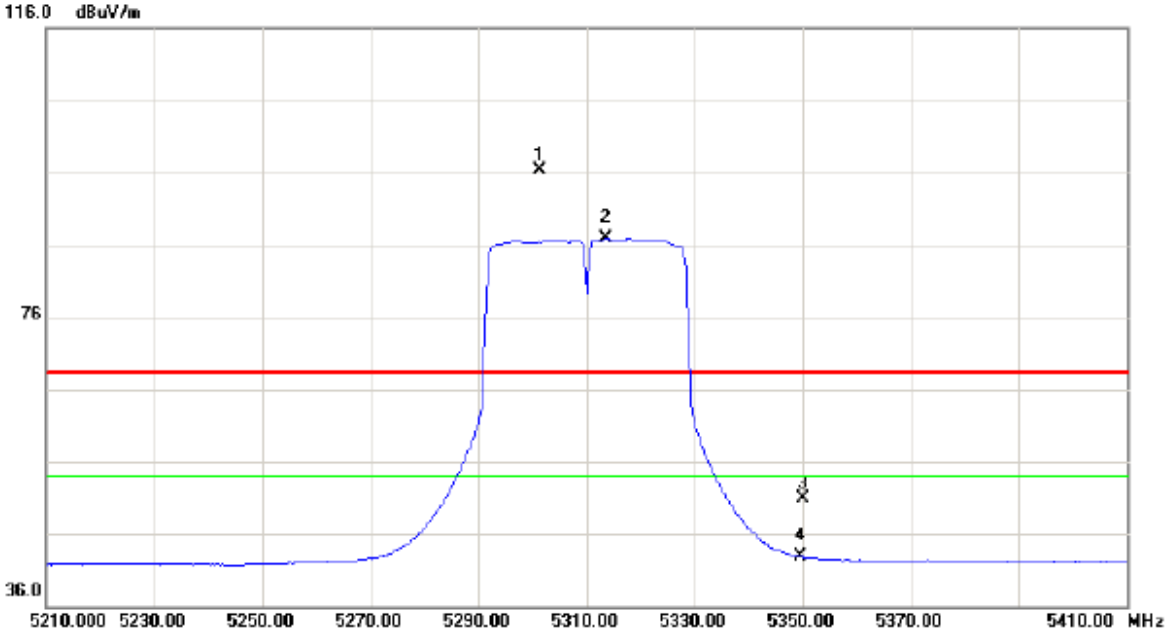
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10543.60	24.13	15.94	40.07	54.00	-13.93	AVG	
2		10547.20	33.74	15.95	49.69	68.30	-18.61	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5310MHz

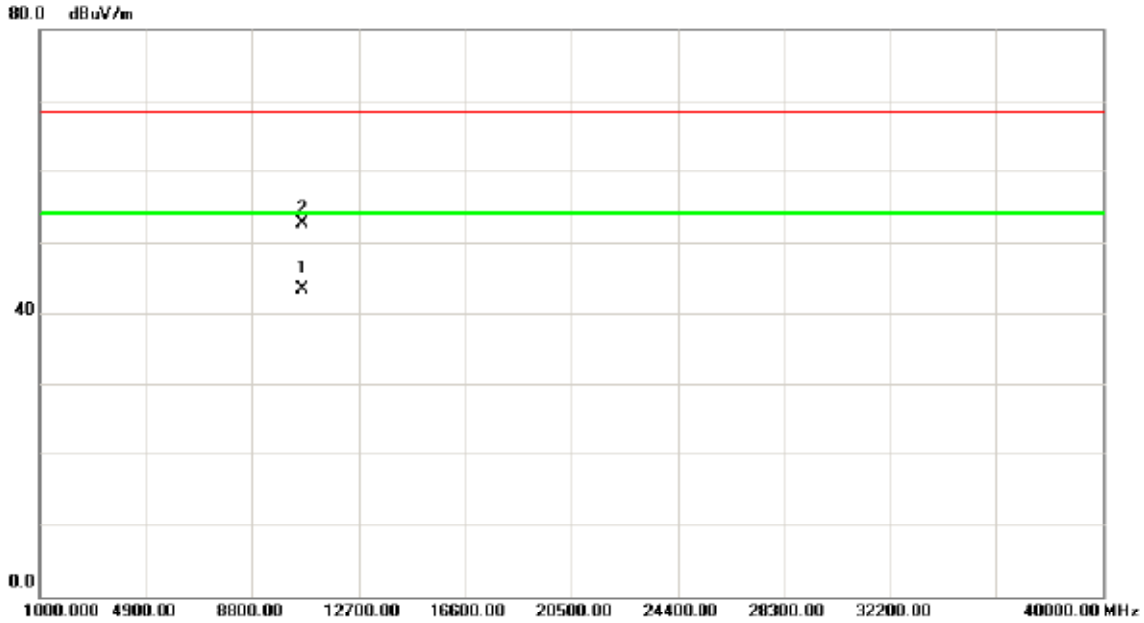
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5301.200	53.31	43.09	96.40	68.30	28.10	peak	
2	*	5313.600	43.84	43.12	86.96	54.00	32.96	AVG	
3		5350.000	7.74	43.21	50.95	68.30	-17.35	peak	
4		5350.000	-0.39	43.21	42.82	54.00	-11.18	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5310MHz

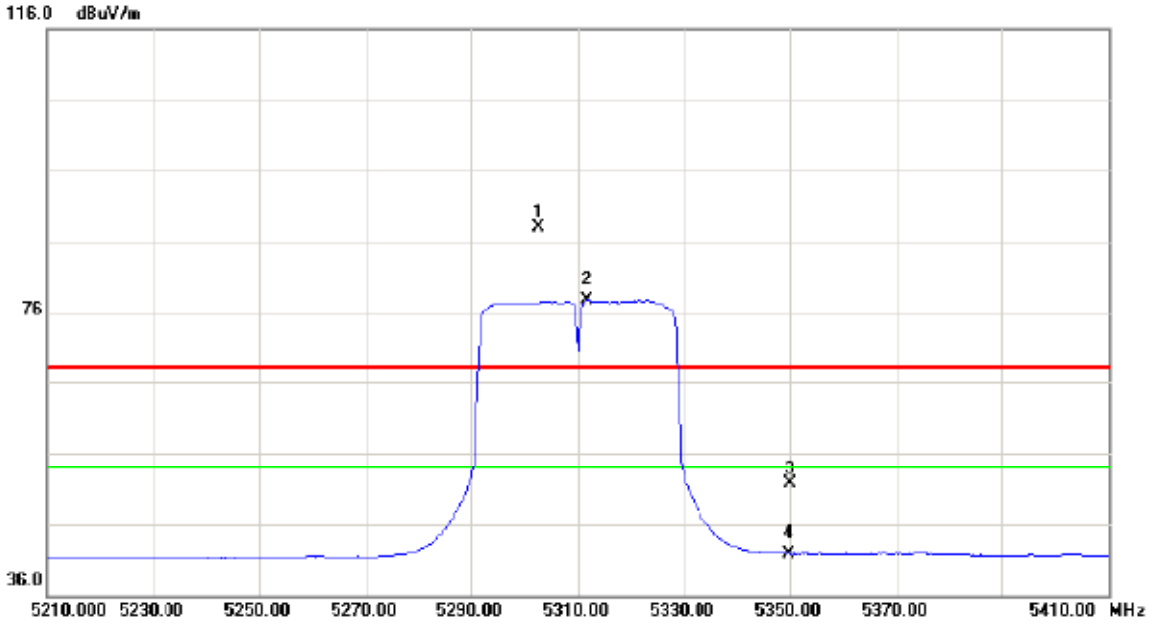
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10623.90	27.11	16.18	43.29	54.00	-10.71	AVG	
2		10625.30	36.34	16.18	52.52	68.30	-15.78	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5310MHz

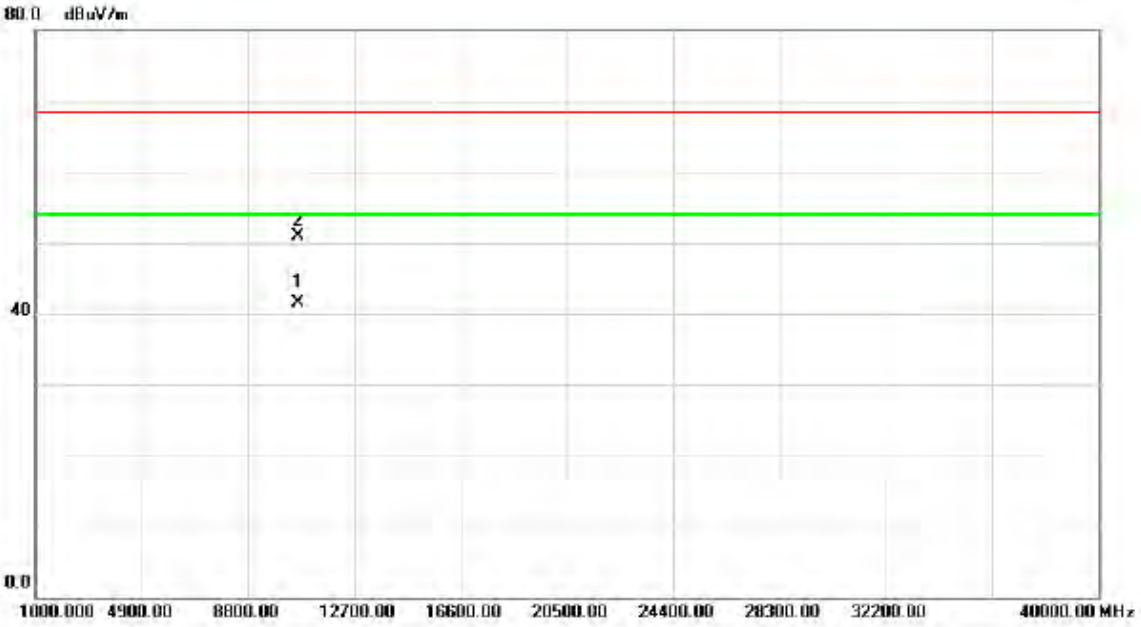
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5302.600	44.75	43.09	87.84	68.30	19.54	peak	
2	*	5311.800	34.55	43.12	77.67	54.00	23.67	AVG	
3		5350.000	8.47	43.21	51.68	68.30	-16.62	peak	
4		5350.000	-1.26	43.21	41.95	54.00	-12.05	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11n(40 MHz) Mode 5310MHz

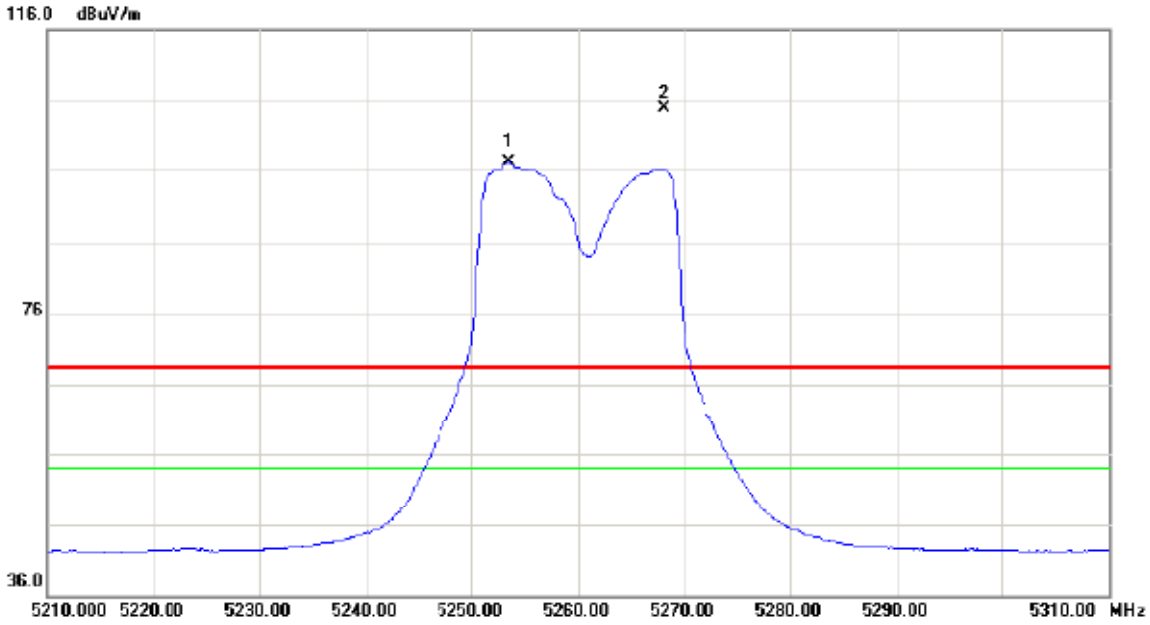
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10623.50	25.23	16.18	41.41	54.00	-12.59	AVG	
2		10626.40	34.74	16.18	50.92	68.30	-17.38	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5260MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5253.500	54.05	42.98	97.03	54.00	43.03	AVG	
2	X	5268.000	61.91	43.01	104.92	68.30	36.62	peak	

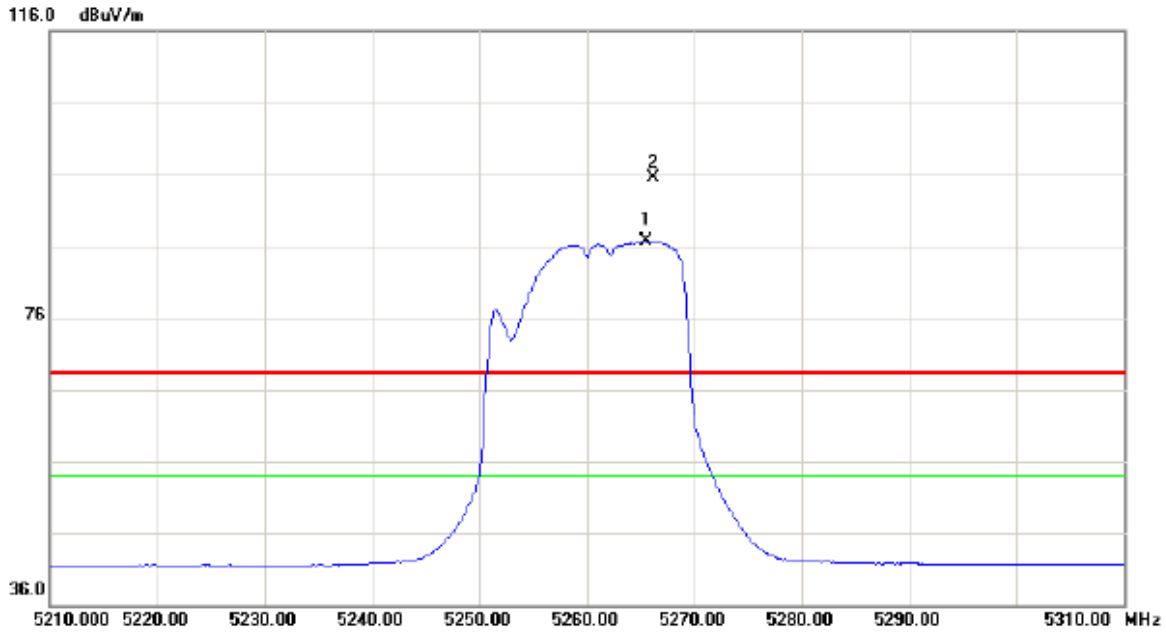
Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5260MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10526.30	27.44	15.89	43.33	54.00	-10.67	AVG	
2		10528.40	36.54	15.90	52.44	68.30	-15.86	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5260MHz

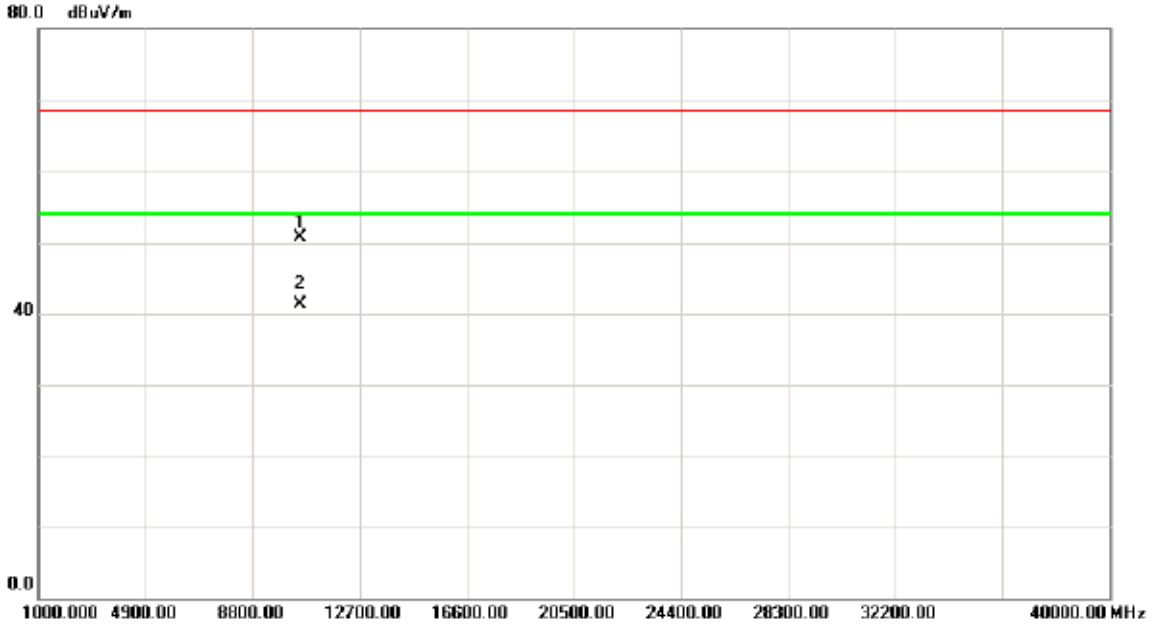
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5265.500	43.65	43.00	86.65	54.00	32.65	AVG	
2	X	5266.200	52.58	43.01	95.59	68.30	27.29	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5260MHz

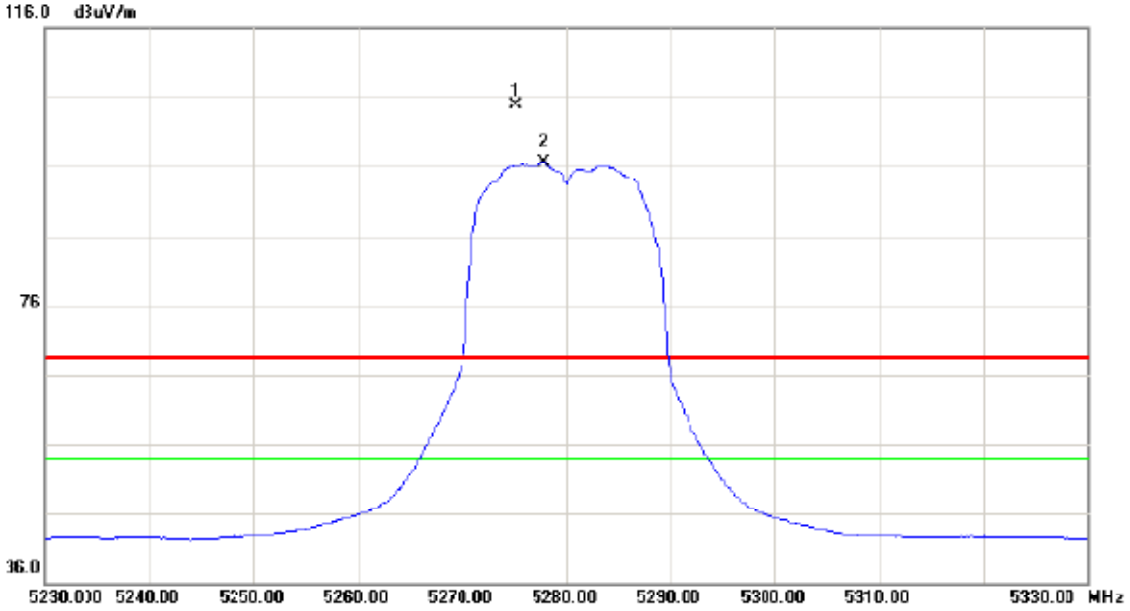
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10523.50	34.85	15.90	50.75	68.30	-17.55	peak	
2	*	10526.90	25.33	15.89	41.22	54.00	-12.78	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5280MHz

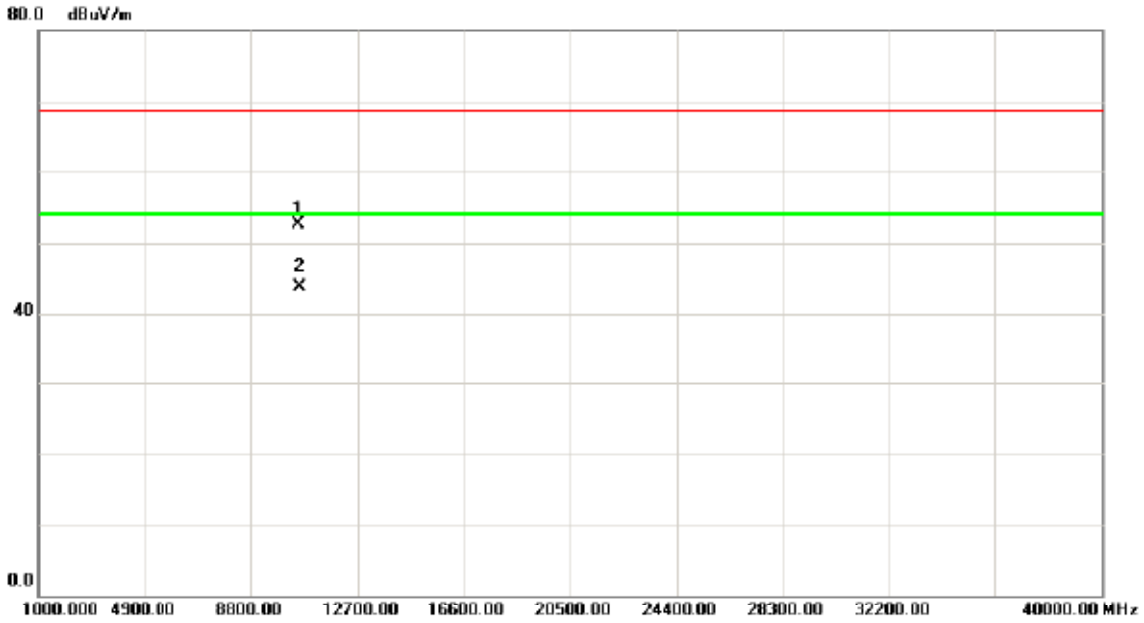
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5275.100	61.61	43.03	104.64	68.30	36.34	peak	
2	*	5277.900	53.47	43.03	96.50	54.00	42.50	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5280MHz

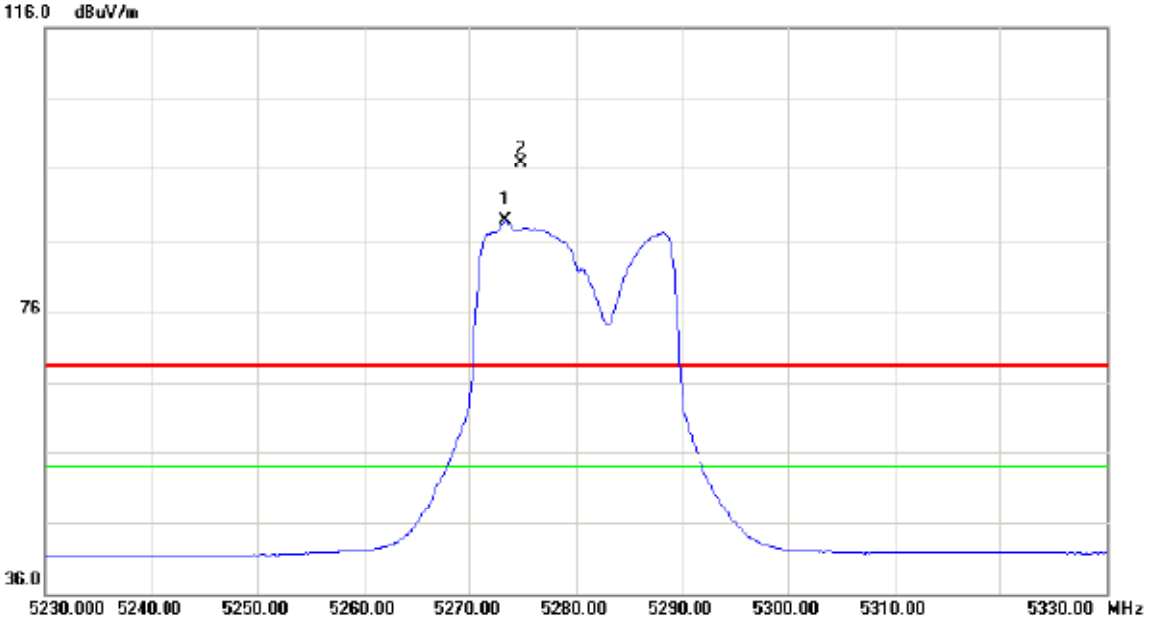
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10563.40	36.52	16.00	52.52	68.30	-15.78	peak	
2	*	10568.20	27.64	16.02	43.66	54.00	-10.34	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5280MHz

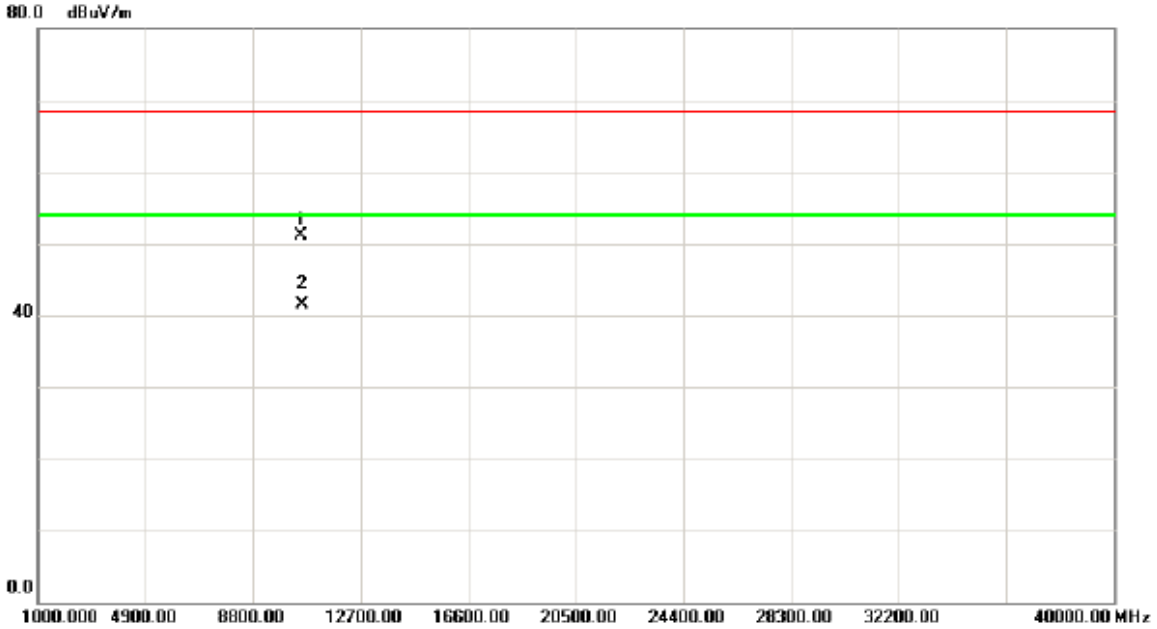
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5273.400	45.62	43.03	88.65	54.00	34.65	AVG	
2	X	5274.800	53.58	43.03	96.61	68.30	28.31	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5280MHz

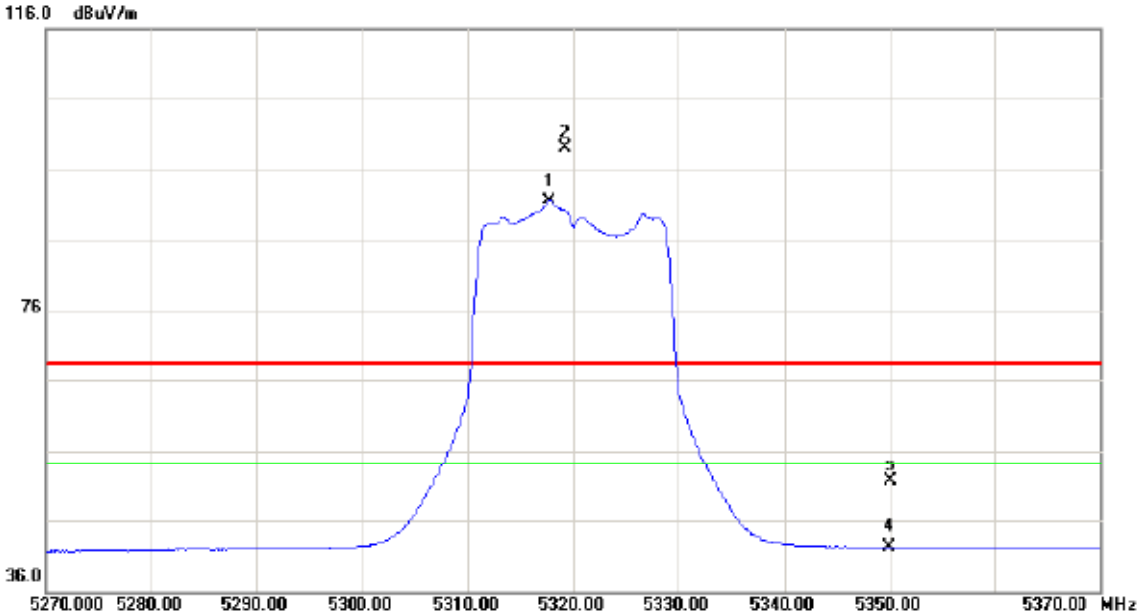
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10563.40	35.09	16.00	51.09	68.30	-17.21	peak	
2	*	10568.50	25.43	16.02	41.45	54.00	-12.55	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5320MHz

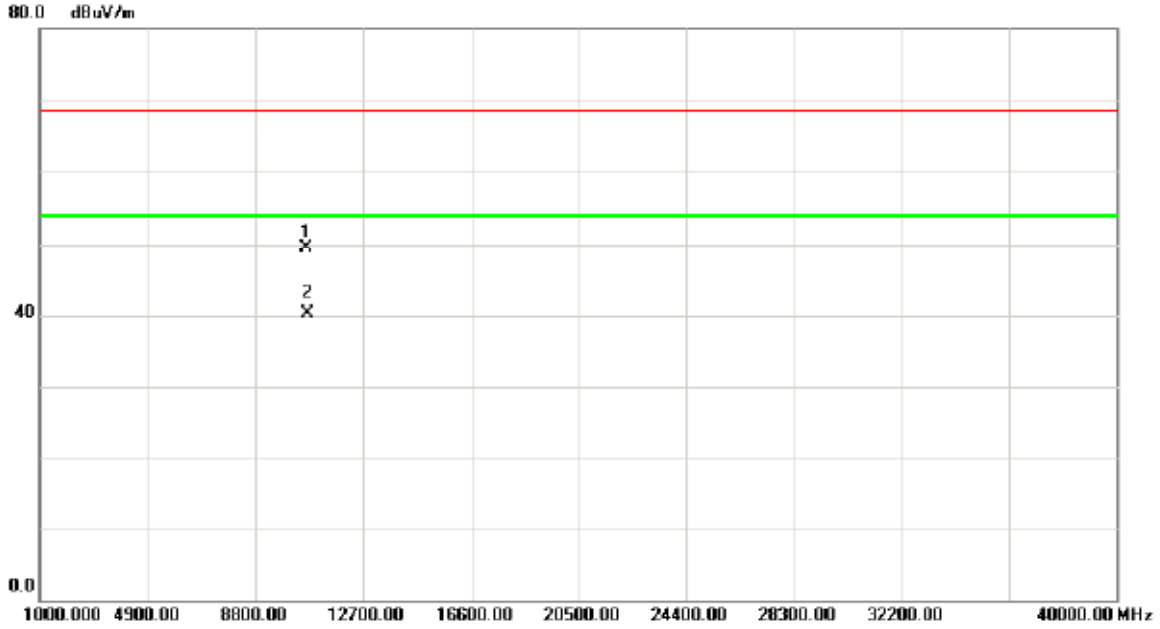
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5317.800	48.32	43.13	91.45	54.00	37.45	AVG	
2	X	5319.300	55.88	43.13	99.01	68.30	30.71	peak	
3		5350.000	8.20	43.21	51.41	68.30	-16.89	peak	
4		5350.000	-0.93	43.21	42.28	54.00	-11.72	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5320MHz

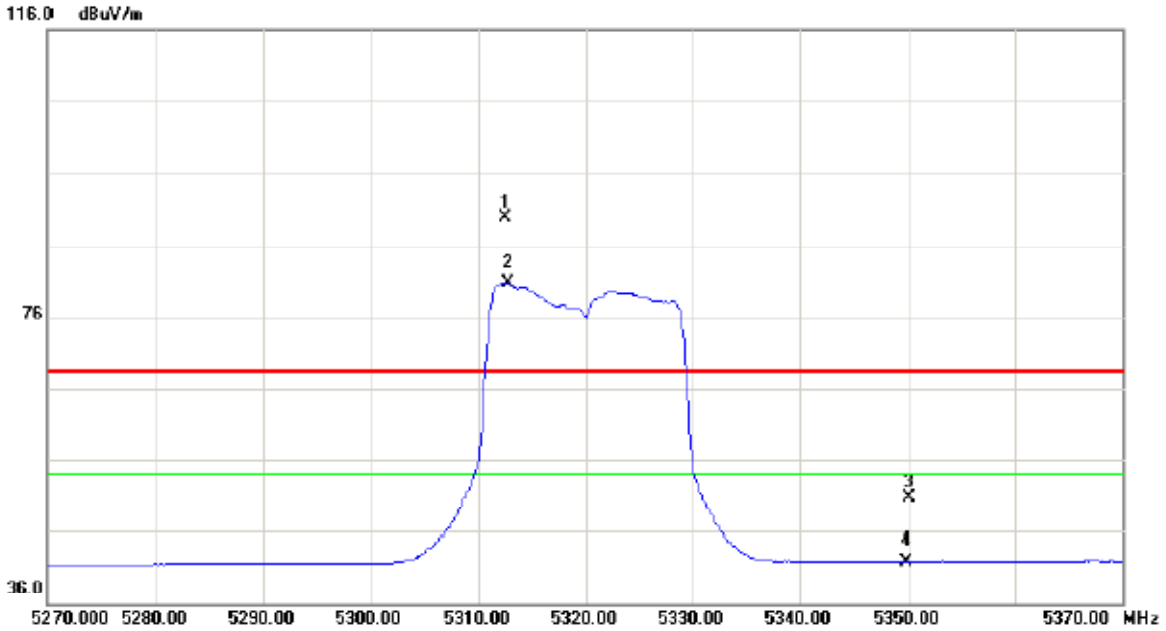
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10643.90	33.25	16.24	49.49	68.30	-18.81	peak	
2	*	10645.20	24.13	16.24	40.37	54.00	-13.63	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5320MHz

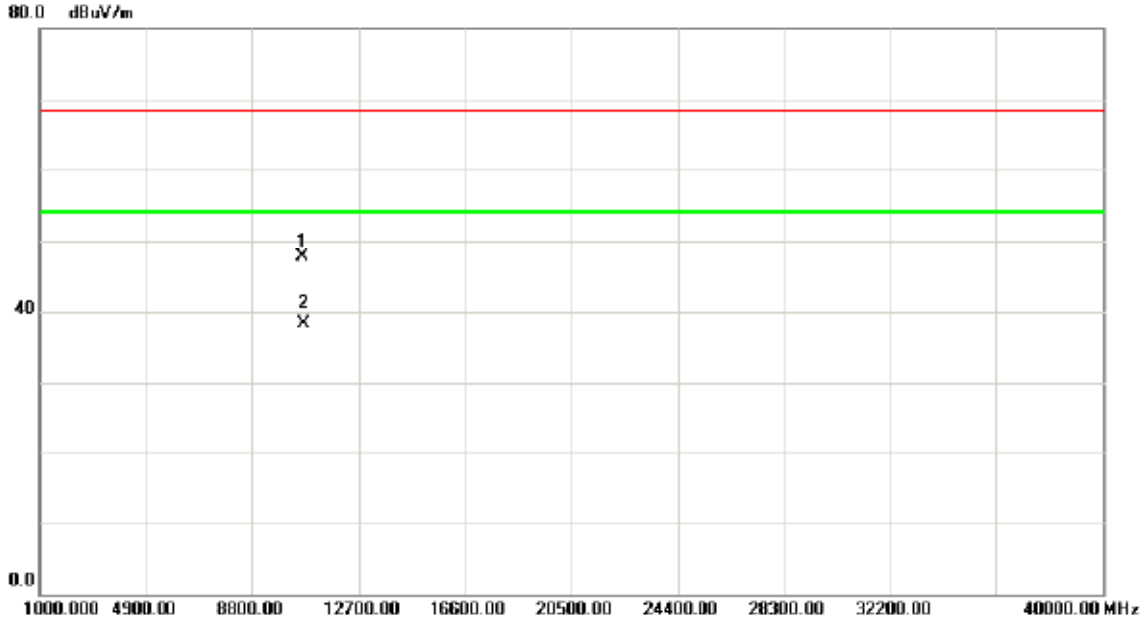
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5312.500	46.77	43.12	89.89	68.30	21.59	peak	
2	*	5312.700	37.57	43.12	80.69	54.00	26.69	AVG	
3		5350.000	7.48	43.21	50.69	68.30	-17.61	peak	
4		5350.000	-1.34	43.21	41.87	54.00	-12.13	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(20 MHz) Mode 5320MHz

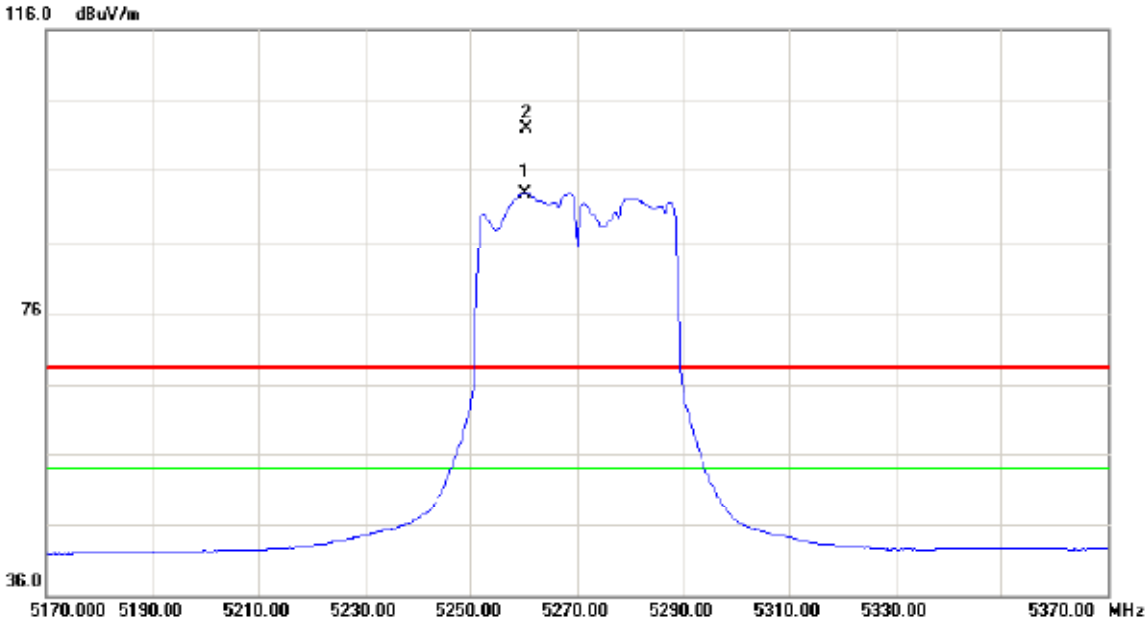
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10642.30	31.56	16.23	47.79	68.30	-20.51	peak	
2	*	10645.20	22.02	16.24	38.26	54.00	-15.74	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5270MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5260.200	49.80	42.99	92.79	54.00	38.79	AVG	
2	X	5260.400	59.05	42.99	102.04	68.30	33.74	peak	

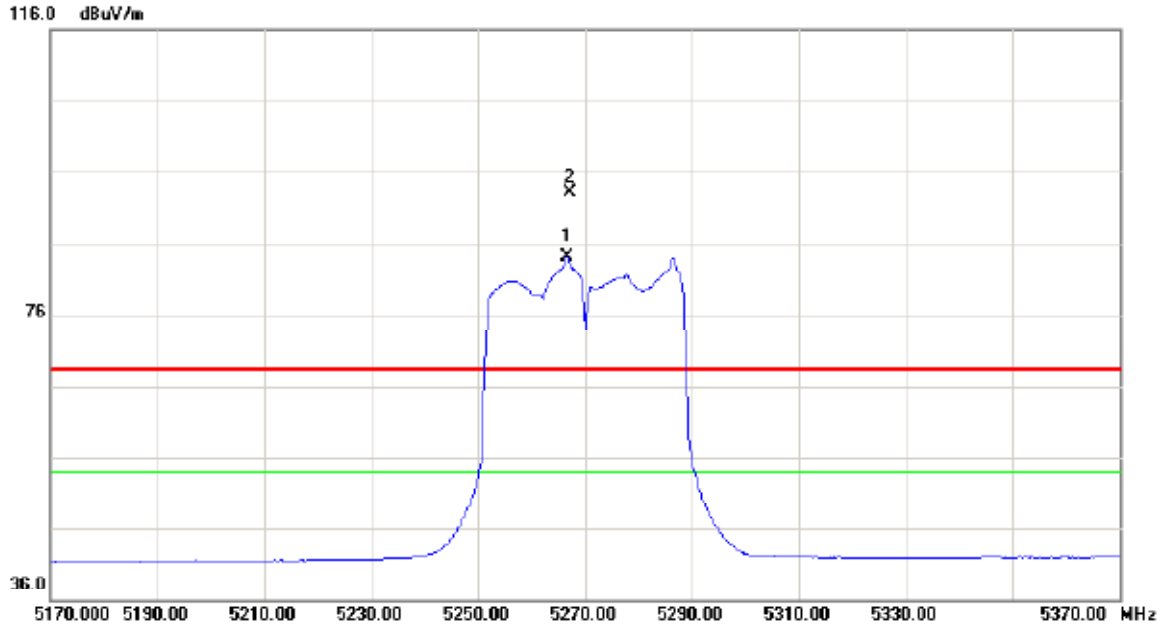
Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5270MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10546.50	33.32	15.95	49.27	68.30	-19.03	peak	
2	*	10548.60	24.29	15.96	40.25	54.00	-13.75	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5270MHz

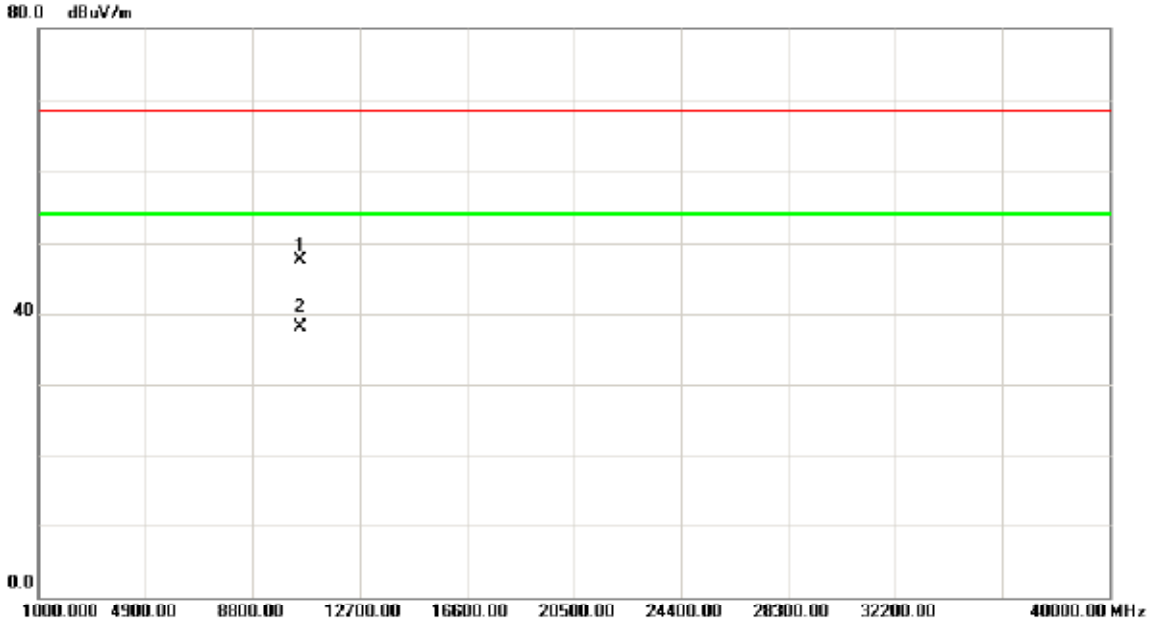
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5266.600	41.06	43.01	84.07	54.00	30.07	AVG	
2	X	5267.200	50.01	43.01	93.02	68.30	24.72	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5270MHz

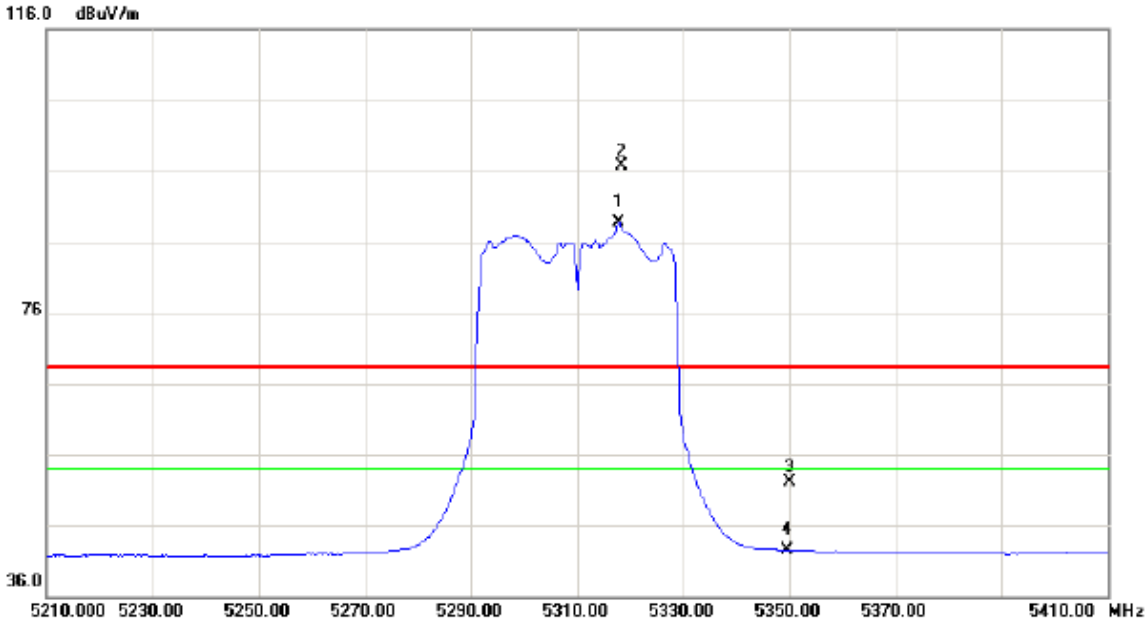
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10542.60	31.64	15.94	47.58	68.30	-20.72	peak	
2	*	10544.50	22.06	15.95	38.01	54.00	-15.99	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5310MHz

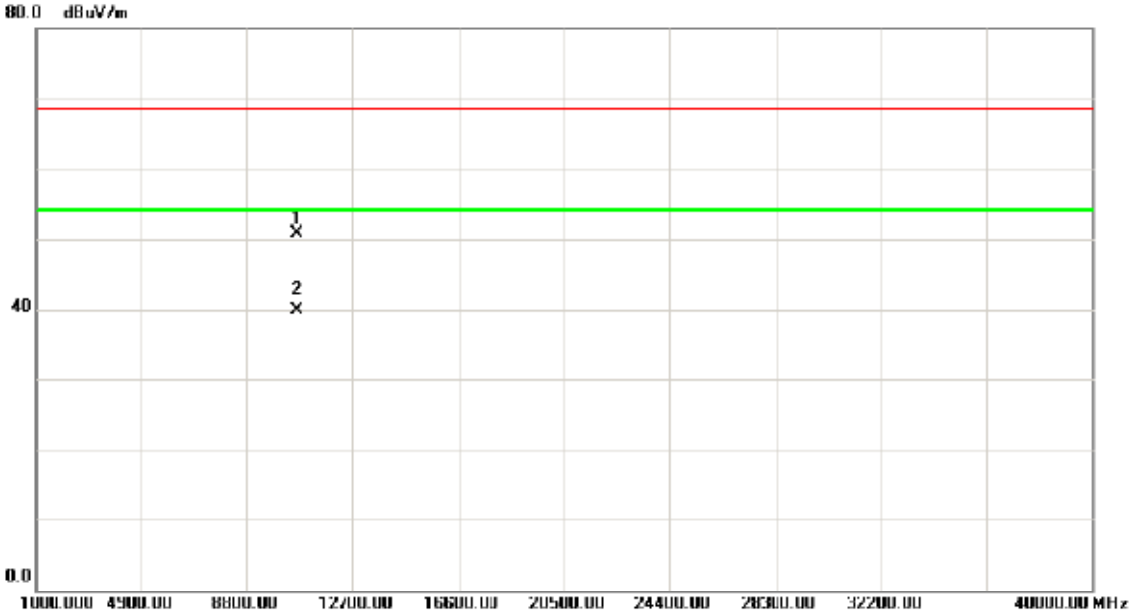
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5317.800	45.57	43.13	88.70	54.00	34.70	AVG	
2	X	5318.400	53.60	43.13	96.73	68.30	28.43	peak	
3		5350.000	8.85	43.21	52.06	68.30	-16.24	peak	
4		5350.000	-0.70	43.21	42.51	54.00	-11.49	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5310MHz

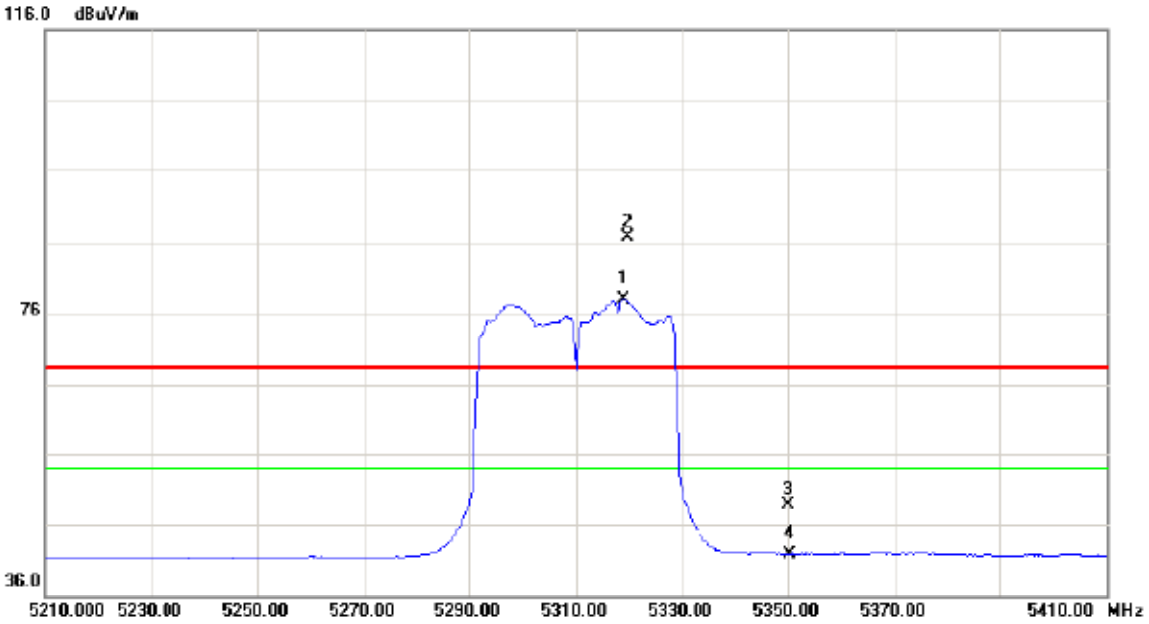
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10624.50	34.56	16.18	50.74	68.30	-17.56	peak	
2	*	10625.30	23.68	16.18	39.86	54.00	-14.14	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5310MHz

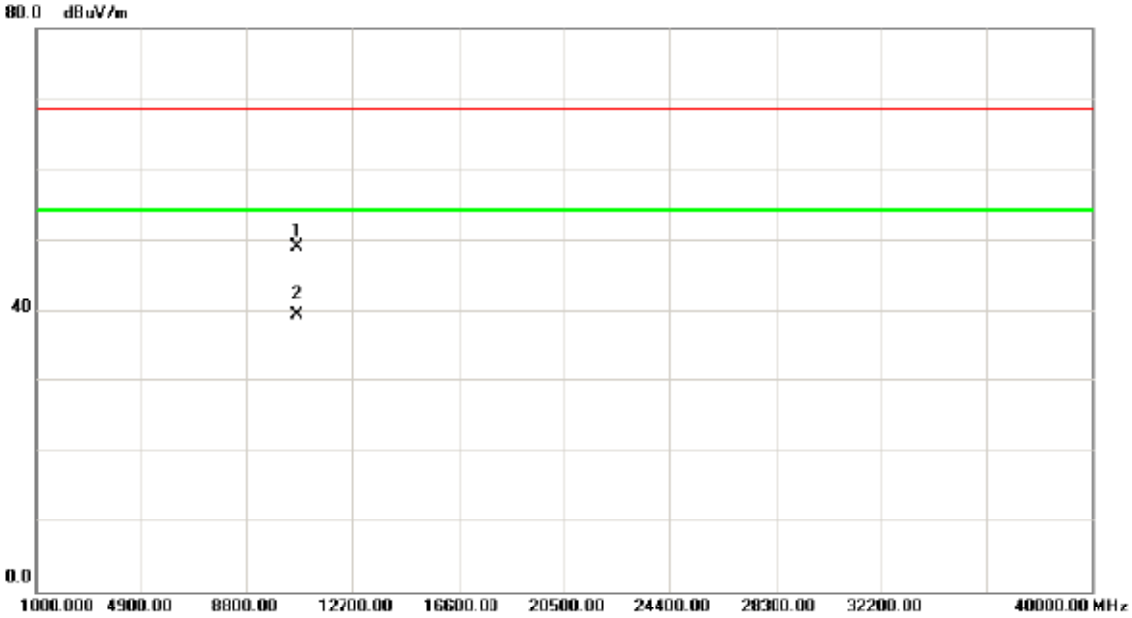
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5319.000	34.84	43.13	77.97	54.00	23.97	AVG	
2	X	5319.800	43.57	43.14	86.71	68.30	18.41	peak	
3		5350.000	5.79	43.21	49.00	68.30	-19.30	peak	
4		5350.000	-1.28	43.21	41.93	54.00	-12.07	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(40 MHz) Mode 5310MHz

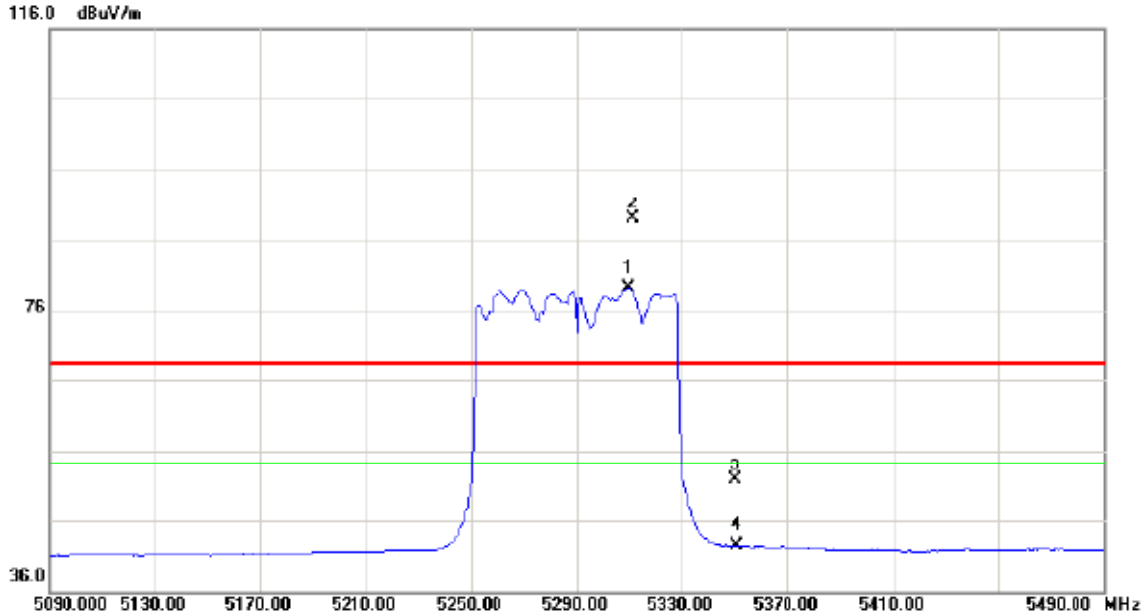
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10623.50	32.65	16.18	48.83	68.30	-19.47	peak	
2	*	10625.80	23.14	16.18	39.32	54.00	-14.68	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(80 MHz) Mode 5290MHz

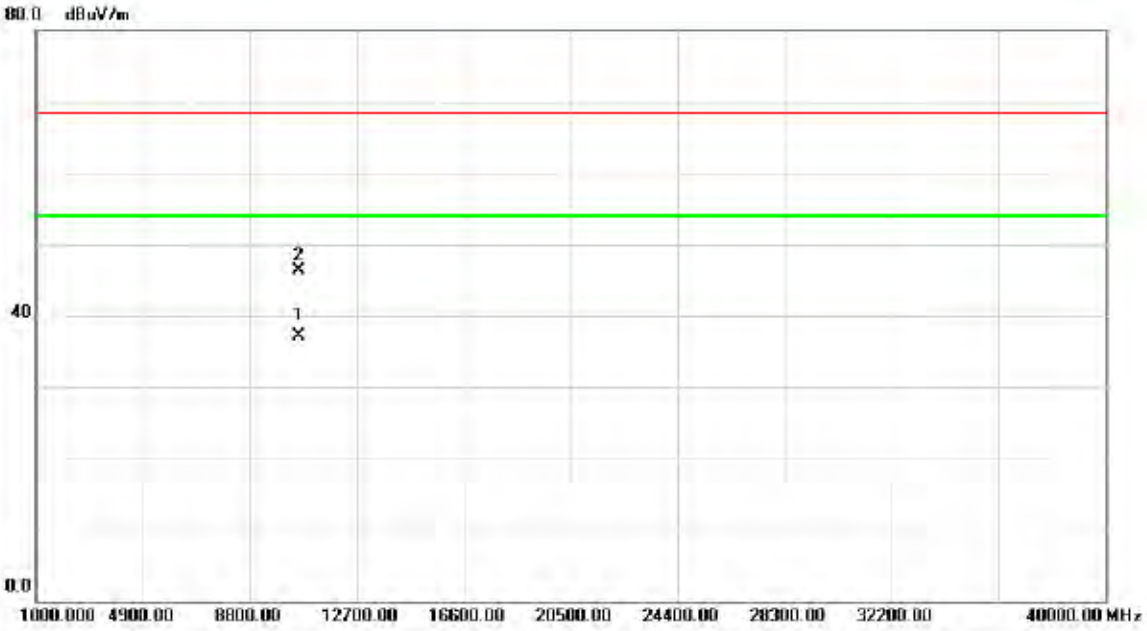
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5309.200	36.01	43.11	79.12	54.00	25.12	AVG	
2	X	5310.800	45.85	43.12	88.97	68.30	20.67	peak	
3		5350.000	8.56	43.21	51.77	68.30	-16.53	peak	
4		5350.000	-0.71	43.21	42.50	54.00	-11.50	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(80 MHz) Mode 5290MHz

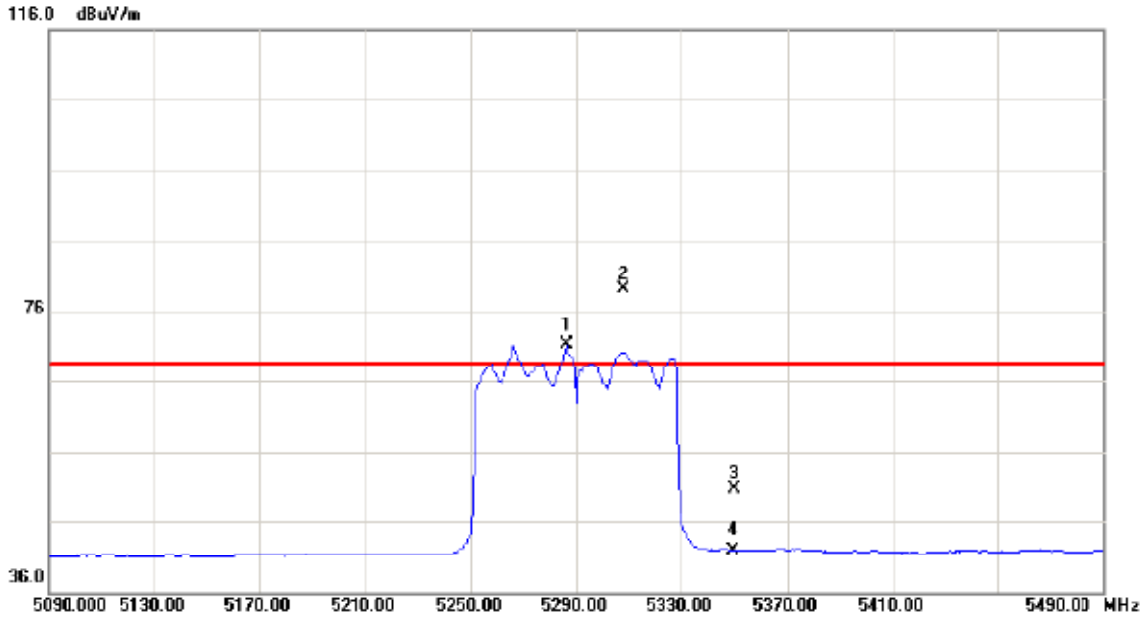
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10583.80	20.98	16.06	37.04	54.00	-16.96	AVG	
2		10586.50	30.29	16.08	46.37	68.30	-21.93	peak	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(80 MHz) Mode 5290MHz

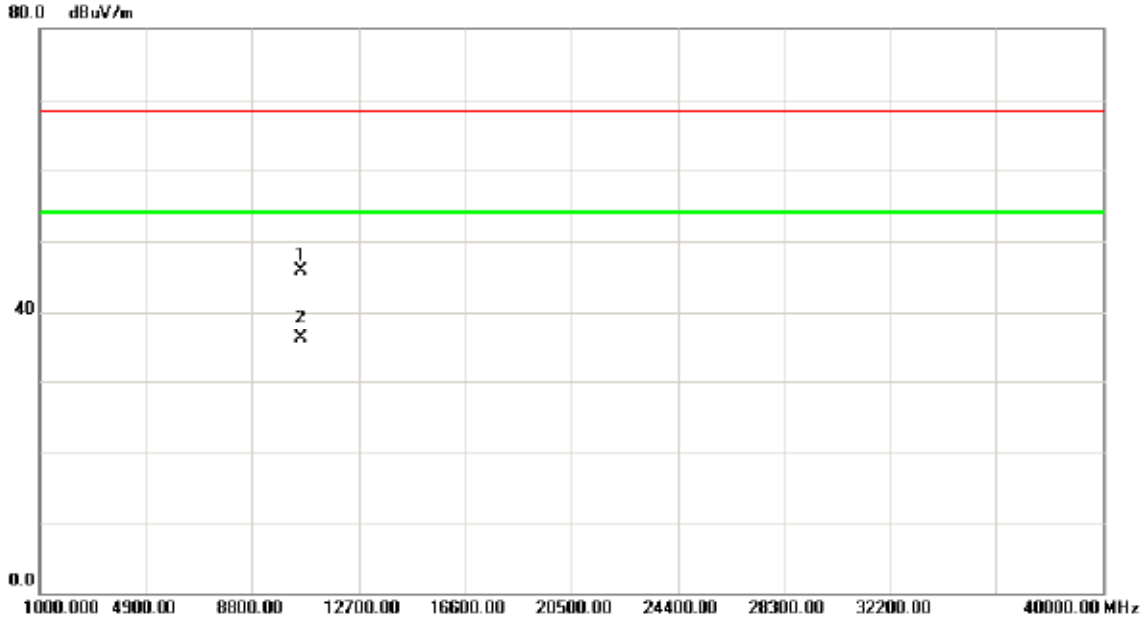
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5286.400	27.97	43.06	71.03	54.00	17.03	AVG	
2	X	5307.600	36.08	43.10	79.18	68.30	10.88	peak	
3		5350.000	7.30	43.21	50.51	68.30	-17.79	peak	
4		5350.000	-1.28	43.21	41.93	54.00	-12.07	AVG	

Orthogonal Axis :	X
Test Mode :	Band 2/ TX 802.11ac(80 MHz) Mode 5290MHz

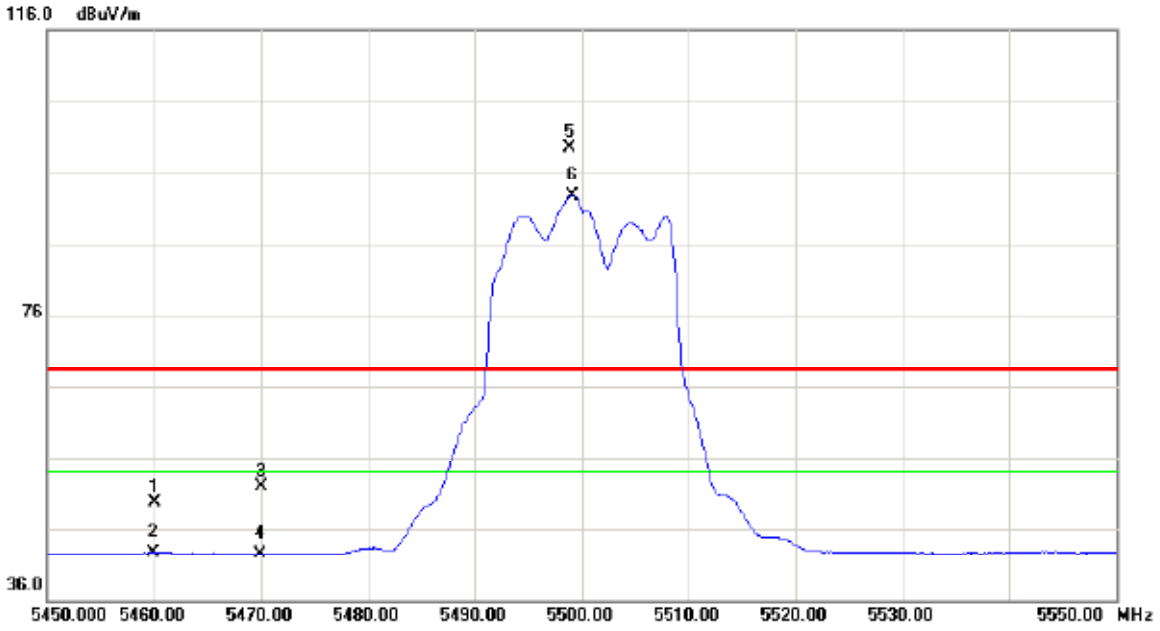
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10582.60	29.63	16.06	45.69	68.30	-22.61	peak	
2	*	10583.40	20.15	16.06	36.21	54.00	-17.79	AVG	

Orthogonal Axis :	X
Test Mode :	Band 3/ TX 802.11a Mode 5500MHz

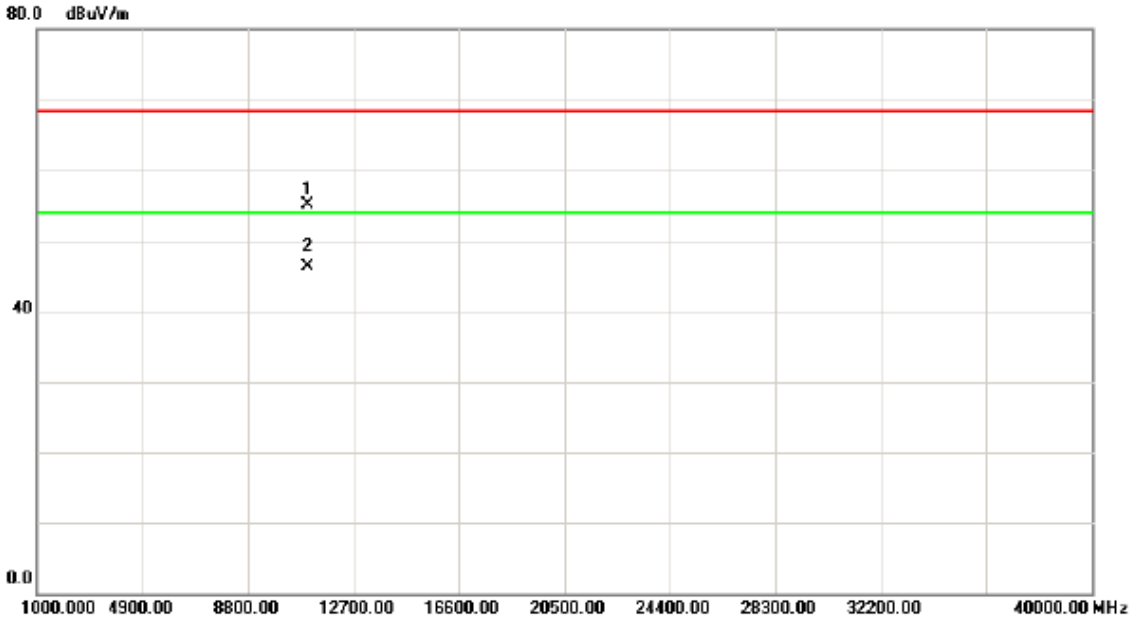
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5460.000	6.23	43.49	49.72	68.30	-18.58	peak	
2		5460.000	-0.80	43.49	42.69	54.00	-11.31	AVG	
3		5470.000	8.48	43.50	51.98	68.30	-16.32	peak	
4		5470.000	-1.05	43.50	42.45	54.00	-11.55	AVG	
5	X	5498.900	55.98	43.58	99.56	68.30	31.26	peak	
6	*	5499.100	49.11	43.58	92.69	54.00	38.69	AVG	

Orthogonal Axis :	X
Test Mode :	Band 3/ TX 802.11a Mode 5500MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.20	37.77	17.26	55.03	68.30	-13.27	peak	
2	*	11000.20	29.04	17.26	46.30	54.00	-7.70	AVG	