FCC/IC Radio Test Report
FCC ID: QISAP5010DNAGN
IC: 6369A-AP5010DNAGN

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

Issued Date	:	Nov. 16, 2012
Project No.	:	1209C079A
Equipment	:	Wireless LAN Access Point
Model Name	:	AP5010DN-AGN
Applicant	:	Huawei Technologies Co.,Ltd.
Address for FCC	:	Bantian, Longgang District, Shenzhen China
Address for IC	:	Bantian, Longgang District, Shenzhen, 518129 China

Tested by:
Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Sep. 13, 2012
Date of Test: Sep. 13, 2012 ~ Nov. 15, 2012

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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1. CERTIFICATION

Equipment	:	Wireless LAN Access Point
Brand Name	:	HUAWEI
Model Name	:	AP5010DN-AGN
Applicant	:	Huawei Technologies Co.,Ltd.
Date of Test	:	Sep. 13, 2012 ~ Nov. 15, 2012
Test Item	:	ENGINEERING SAMPLE
Standards	:	FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009; Canada RSS-210:2010 FCC KDB 789033 D01 General UNII Test Procedures v01r01.

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-3-1209C079A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and 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; 5470MHz~5725MHz Mode part of the product.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15, Subpart E / RSS-210: 2010				
Standard Section		Test Item	Judgment	Remark
RSS-GEN 7.2.2	15.207	AC Power Line Conducted Emissions	PASS	
RSS-210 A9.2(1)	15.407(a)	26dB Spectrum Bandwidth	PASS	
RSS-210 A9.2(1)	15.407(a)	Maximum Conducted Output Power	PASS	
RSS-210 A9.2(1)	15.407(a)	Power Spectral Density	PASS	
	15.407(a)	Peak Excursion	PASS	
RSS-210 Annex 8 (A8.5)	15.407(a)	Radiated Emissions	PASS	
RSS-210 A9.2(1)	15.407(b)	Band Edge Emissions	PASS	
RSS-210 A1.1.4	15.407(b)	Frequency Stability	PASS	
	15.407(g) 15.203	Antenna Requirements	PASS	
	1.1307 1.1310 2.1091 2.1093	RF Exposure Compliance	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	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	4.23	
		18GHz~40GHz	V	4.15	
		1GHz~18GHz	H	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td colspan="2">Wireless LAN Access Point</td></tr>
<tr><td>Brand Name</td><td colspan="2">HUAWEI</td></tr>
<tr><td>Model Name</td><td colspan="2">AP5010DN-AGN</td></tr>
<tr><td>Product Description</td><td colspan="2">The EUT is a Wireless LAN Access Point.
<table>
<tr><td>Operation Frequency</td><td>Band 1:5150MHz~5250MHz
Band 2:5250MHz~5350MHz
Band 3:5470MHz~5725MHz</td></tr>
<tr><td>Modulation Type</td><td>OFDM</td></tr>
<tr><td>Bit Rate of Transmitter</td><td>300Mbps</td></tr>
<tr><td>Antenna Designation</td><td rowspan="2">Please see note 3.(Page 10)</td></tr>
<tr><td>Antenna Gain(Peak)</td></tr>
<tr><td>Output Power
Band 1</td><td>1TX:
802.11a: 14.11 dBm
802.11n (20M): 14.09 dBm
802.11n (40M): 14.33 dBm
2TX:
802.11a: 14.21 dBm
802.11n (20M): 14.75 dBm
802.11n (40M): 14.69 dBm</td></tr>
<tr><td>Output Power
Band 2</td><td>1TX:
802.11a: 15.50 dBm
802.11n (20M): 15.69 dBm
802.11n (40M): 14.49 dBm
2TX:
802.11a: 15.71 dBm
802.11n (20M): 16.42 dBm
802.11n (40M): 14.62 dBm</td></tr>
<tr><td>Output Power
Band 3</td><td>1TX:
802.11a: 15.30 dBm
802.11n (20M): 15.41 dBm
802.11n (40M): 15.27 dBm
2TX:
802.11a: 16.43 dBm
802.11n (20M): 16.44 dBm
802.11n (40M): 15.36 dBm</td></tr>
</table>
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Power Source</td><td colspan="2">DC voltage supplied from AC adapter.
Adapter model: HW-120200U1W</td></tr>
<tr><td>Power Rating</td><td colspan="2">I/P: AC100~240V~50/60Hz 0.8A O/P: DC 12.0V 2.0A</td></tr>
</table>

2. Channel List:

802.11a / 802.11n 20M							
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 40M							
Band 1		Band 2		Band 3			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270	102	5510	126	5590
46	5230	62	5310	110	5550	134	5670

3.

Table for Filed Antenna

The product has 2 group antenna: Amphenol-SAA and Nippon Antenna(Shanghai)

Ant.	Brand	Model Name	Antenna Type / Connector	function	Gain (dBi)
1	Amphenol-SAA	N/A	Integral	TX/RX	5.3
2	Amphenol-SAA	N/A	Integral	TX/RX	5.5

Ant.	Brand	Model Name	Antenna Type / Connector	function	Gain (dBi)
1 (Short)	Nippon Antenna (Shanghai)	N/A	Integral	TX/RX	5.79
2 (Long)	Nippon Antenna (Shanghai)	N/A	Integral	TX/RX	5.51

Note: This EUT supports MIMO, all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}**, that is Directional gain=5.79.

Operating Mode / TX Mode	1TX	2TX
802.11a	V (ANT2)	V (ANT1& ANT2)
802.11n(20MHz)	V (ANT2)	V (ANT1& ANT2)
802.11n(40MHz)	V (ANT2)	V (ANT1& ANT2)

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 A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2) TX A Mode / CH100, CH116, CH140(Band 3)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2) TX N20 Mode / CH100, CH116, CH140(Band 3)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2) TX N40 Mode/CH102, CH110, CH134(Band 3)
Mode 4	Normal Link

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following: **(Worst case for 2TX)**

For Conducted Test	
Final Test Mode	Description
Mode 4	Normal Link

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2) TX A Mode / CH100, CH116, CH140(Band 3)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2) TX N20 Mode / CH100, CH116, CH140(Band 3)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2) TX N40 Mode / CH102, CH110, CH134 (Band 3)

Note:
(1) The EUT system operated these modes (ANT: Amphenol-SAA and ANT: Nippon Antenna(Shanghai)) were found to be the worst case is ANT: Nippon Antenna(Shanghai) for Conducted Test and Radiated Emission test (30~1000MHz).

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

Test software version	Cart - For 1TX		
Frequency	5180 MHz	5200MHz	5240 MHz
A Mode	14	14	14
Frequency	5260	5280	5320
A Mode	15	15	15
Frequency	5500	5580	5700
A Mode	15	15	15

Test software version	Cart - For 1TX		
Frequency	5180 MHz	5200MHz	5240 MHz
N20 Mode	14	14	14
Frequency	5260	5280	5320
N20 Mode	15	15	15
Frequency	5500	5580	5700
N20 Mode	15	15	15

Test software version	Cart - For 1TX		
Frequency	5190 MHz	5230MHz	
N40 Mode	11	14	
Frequency	5270	5310	
N40 Mode	15	11	
Frequency	5510	5550	5670
N40M Mode	11	15	15

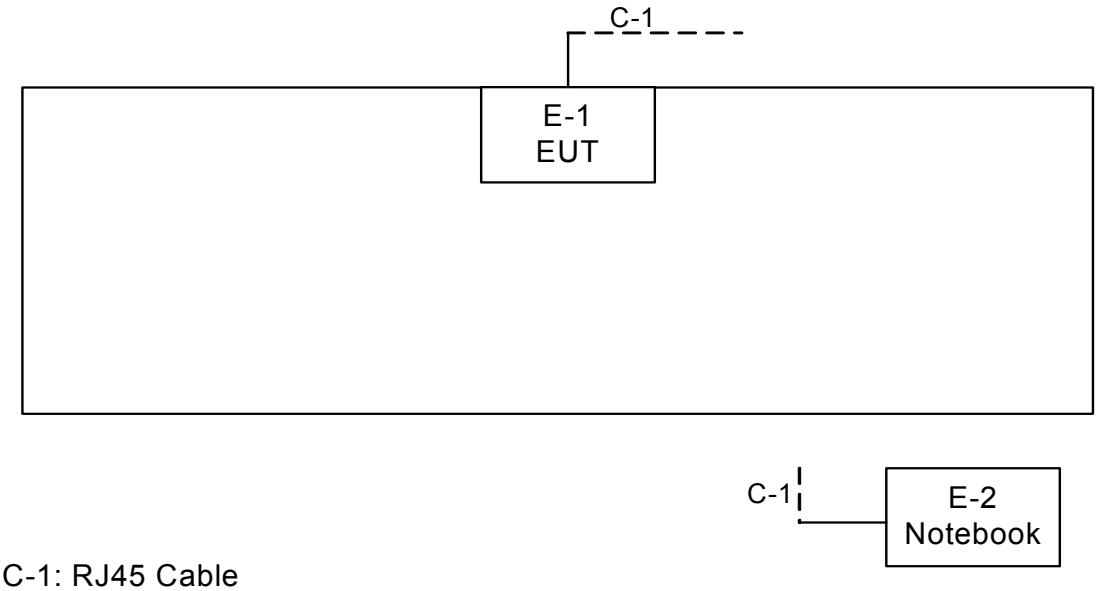
Test software version	Cart - For 2TX		
Frequency	5180 MHz	5200MHz	5240 MHz
A Mode	11	11	11
Frequency	5260	5280	5320
A Mode	12	12	12
Frequency	5500	5580	5700
A Mode	12	12	12

Test software version	Cart - For 2TX		
Frequency	5180 MHz	5200MHz	5240 MHz
N20 Mode	11	11	11
Frequency	5260	5280	5320
N20 Mode	12	12	12
Frequency	5500	5580	5700
N20 Mode	12	12	12

Test software version	Cart - For 2TX		
Frequency	5190 MHz	5230MHz	
N40 Mode	8	11	
Frequency	5270	5310	
N40 Mode	12	8	
Frequency	5510	5550	5670
N40M Mode	8	12	12

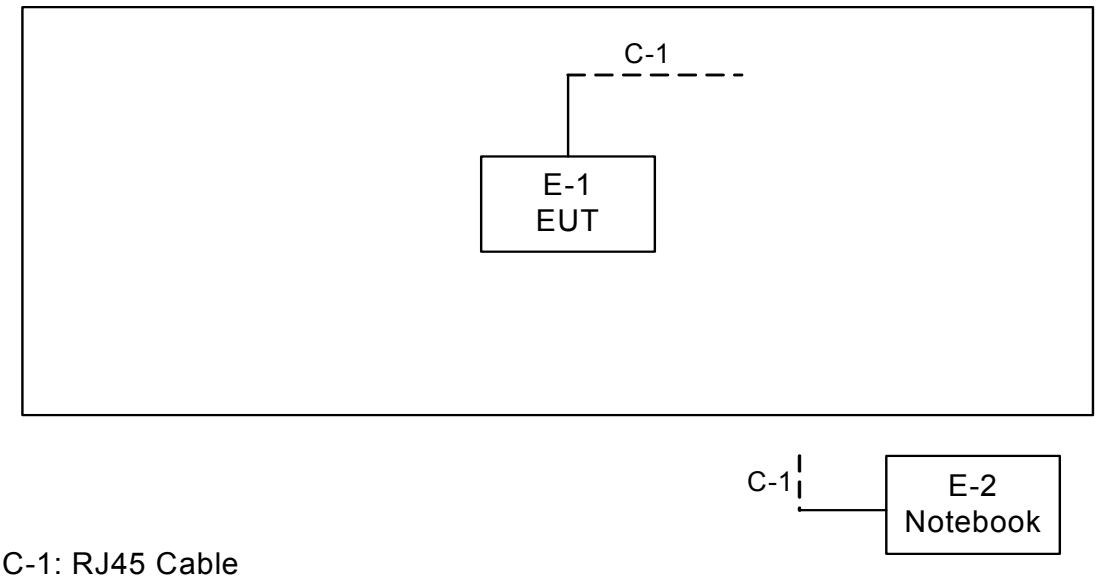
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Mode:



C-1: RJ45 Cable

Radiated Mode:



C-1: RJ45 Cable

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 /IC ID	Series No.	Note
E-1	Wireless LAN Access Point	HUAWEI	AP5010DN-AGN	FCC ID:QISAP5010DNAGN IC:6369A-AP5010DNAGN	N/A	EUT
E-2	Notebook	HP	2540p	N/A	PD9622ANHU	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

Note:

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

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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	LISN	EMCO	3816/2	00052765	May.26.2012	May.04.2013
2	LISN	R&S	ENV216	100087	May.26.2012	May.04.2013
3	Test Cable	N/A	C_17	N/A	Mar.18.2012	Mar.28.2013
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	May.26.2012	May.04.2013
5	50Ω Terminator	SHX	TF2-3G-A	08122902	May.26.2012	May.04.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

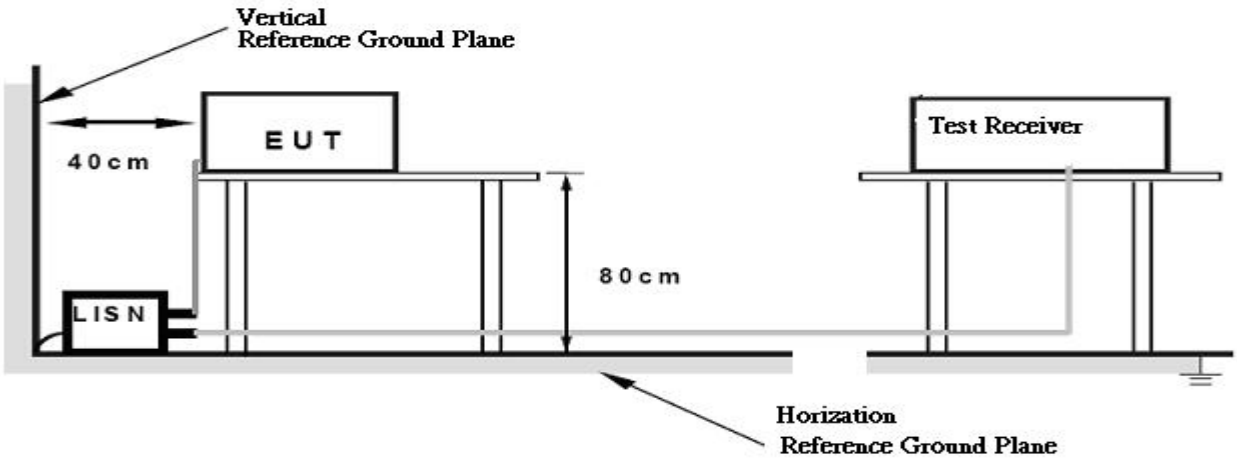
4.1.3 TEST PROCEDURE

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.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 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/Normal Link mode.

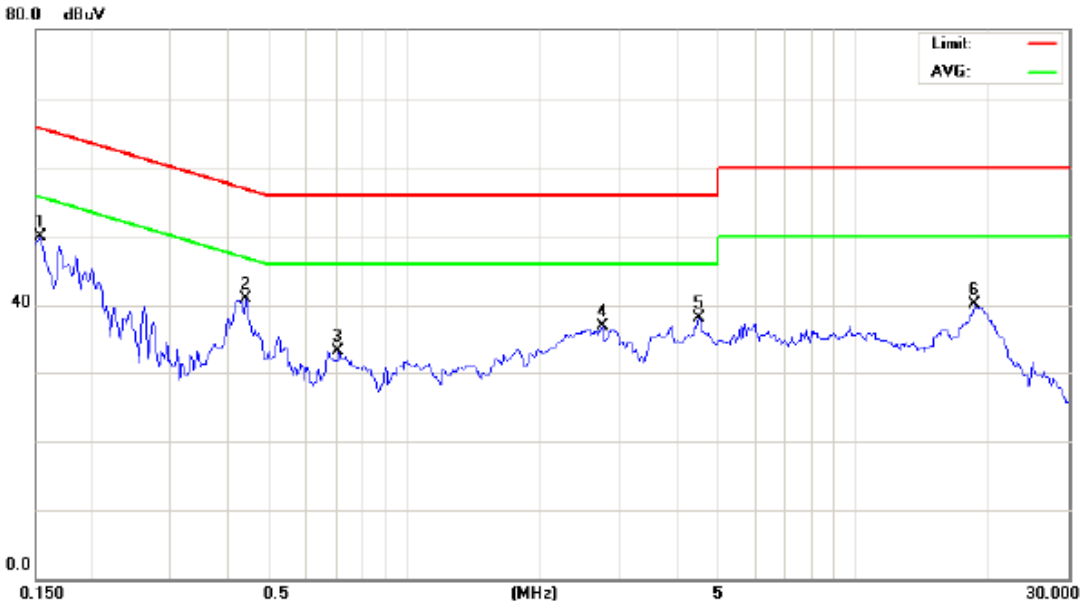
4.1.7 TEST RESULTS

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。

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Normal Link – Worst case(2TX)	Phase:	Line
Note ：	ANT: Nippon Antenna(Shanghai)		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	40.36	9.56	49.92	65.78	-15.86	peak	
2		0.4395	31.24	9.64	40.88	57.07	-16.19	peak	
3		0.7085	23.72	9.67	33.39	56.00	-22.61	peak	
4		2.7397	26.98	9.84	36.82	56.00	-19.18	peak	
5		4.5156	28.18	9.93	38.11	56.00	-17.89	peak	
6		18.5234	29.77	10.41	40.18	60.00	-19.82	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Normal Link – Worst case(2TX)	Phase:	Neutral
Note ：	ANT: Nippon Antenna(Shanghai)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2085	36.58	9.58	46.16	63.26	-17.10	peak	
2	*	0.4170	32.64	9.66	42.30	57.51	-15.21	peak	
3		2.3492	28.06	9.90	37.96	56.00	-18.04	peak	
4		4.5273	28.80	10.02	38.82	56.00	-17.18	peak	
5		5.7773	28.28	10.07	38.35	60.00	-21.65	peak	
6		19.7578	23.26	10.45	33.71	60.00	-26.29	peak	

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 on15.205(a), then the 15.209(a) limit in the table below has to be followed.

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m) (at 1.5m)	
	PEAK	AVERAGE
Above 1000	80	60

Notes:

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

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

(3) Emission level (dBuV/m)=20log Emission level (uV/m).
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

(4) For the following data, measurements were performed at a separation distance of 1 meter. The field
strength was then converted to EIRP per KDB 789033:
EIRP [dBm] = E[dBuV/m] +20 log(d[meters])-104.77
EIRP is the equivalent isotropically radiated power in Watts
E is the field strength
D is the measurement distance

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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Antenna	Schwarbeck	VULB9160	9160-3232	Jun .04.2012	May.25.2013
2	Amplifier	HP	8447D	2944A09673	May.26.2012	May.04.2013
3	Test Receiver	R&S	ESCI	100382	May.26.2012	May.04.2013
4	Test Cable	N/A	C-01_CB03	N/A	Jul.01.2012	Jul.01.2013
5	Antenna	ETS	3115	00075789	May.26.2012	May.25.2013
6	Amplifier	Agilent	8449B	3008A02274	May.26.2012	May.04.2013
7	Spectrum	Agilent	E4408B	US39240143	Nov.25.2011	Nov.25.2012
8	Test Cable	HUBER+SUHNER	C-45	N/A	May.04.2012	May.02.2013
9	Controller	CT	SC100	N/A	N/A	N/A
10	Active Loop Antenna	R&S	HFH2-Z2	830749/020	May.26.2012	May.04.2013
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct.13.2012	Oct.13.2013
12	Horn Antenna	EMCO	3115	9605-4803	May.26.2012	May.25.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

4.2.3 TEST PROCEDURE

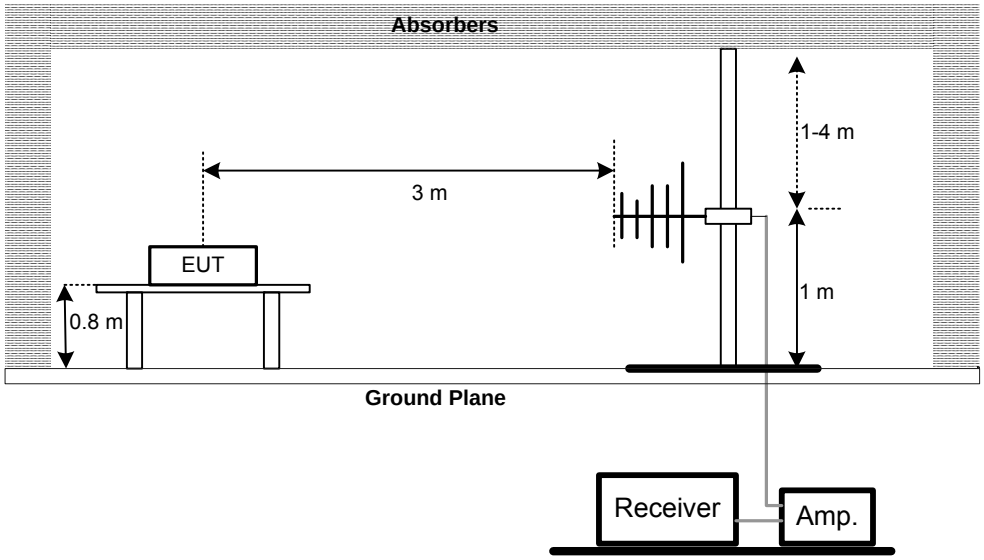
a. The measuring distance of at 1.5 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 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.

4.2.4 DEVIATION FROM TEST STANDARD

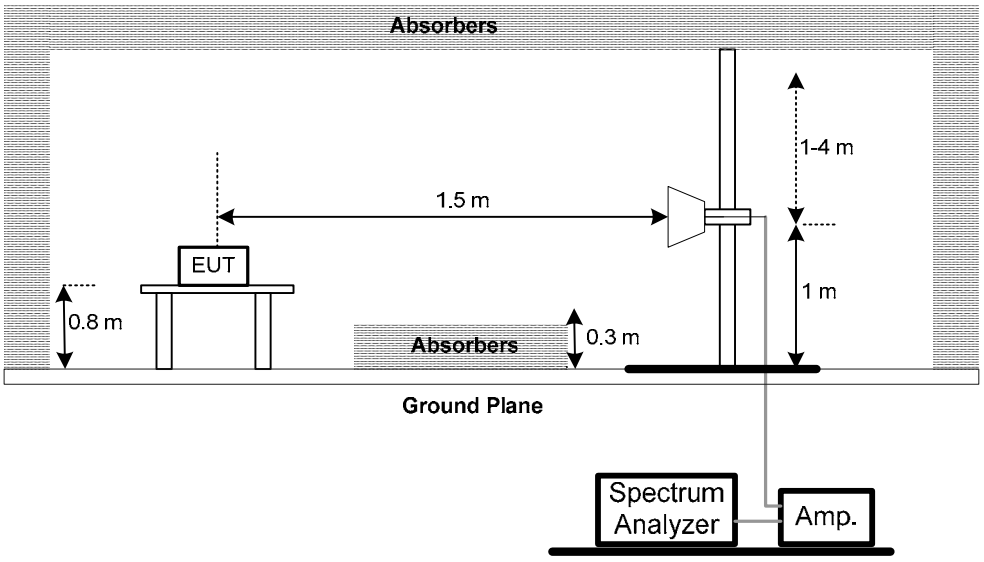
No deviation

4.2.5 TEST SETUP

Radiated Emission Test Set-Up Frequency30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



4.2.6 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.

4.2.7 TEST RESULTS (BELOW 30MHz)

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX Mode – ANT: Nippon Antenna(Shanghai)		

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.093	0°	28.75	21.54	50.29	108.24	-57.95	QP
0.098	0°	42.08	21.44	63.52	107.78	-44.26	QP
0.103	0°	33.46	21.35	54.81	107.32	-52.52	QP
0.109	0°	27.31	21.25	48.56	106.82	-58.26	QP
0.521	0°	22.42	19.87	42.29	73.26	-30.98	QP
1.263	0°	23.82	19.57	43.39	65.58	-22.19	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0941	90°	31.23	21.52	52.75	108.13	-55.38	QP
0.1035	90°	42.36	21.34	63.70	107.31	-43.60	QP
0.1082	90°	28.06	21.27	49.33	106.92	-57.59	QP
0.5032	90°	23.82	19.81	43.63	73.57	-29.94	QP
0.6201	90°	22.73	20.18	42.91	71.75	-28.84	QP
1.2690	90°	22.89	19.57	42.46	65.53	-23.07	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.。

4.2.8 TEST RESULTS-BETWEEN 30MHZ - 1000MHZ

Remark：

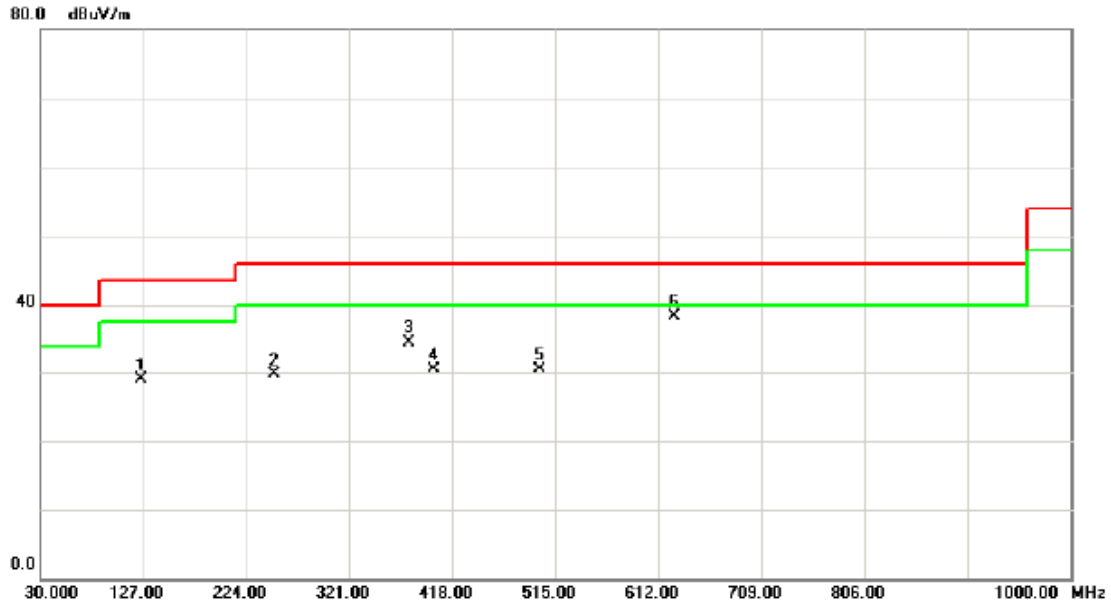
(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(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。

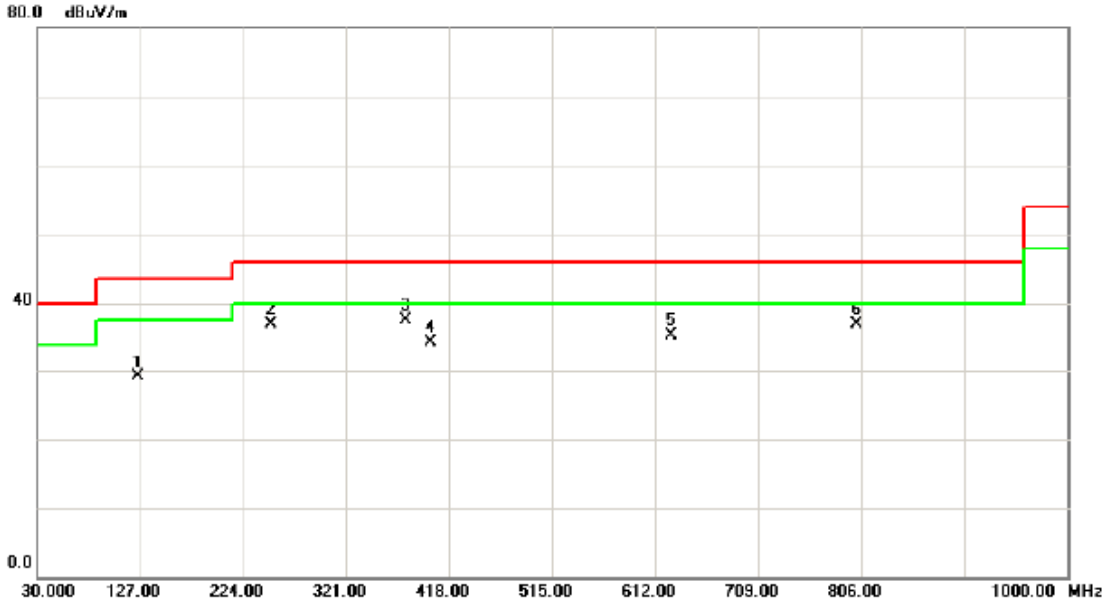
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5180MHz – Worst case(2TX)	Phase:	Vertical
Note ：	ANT: Nippon Antenna(Shanghai)		



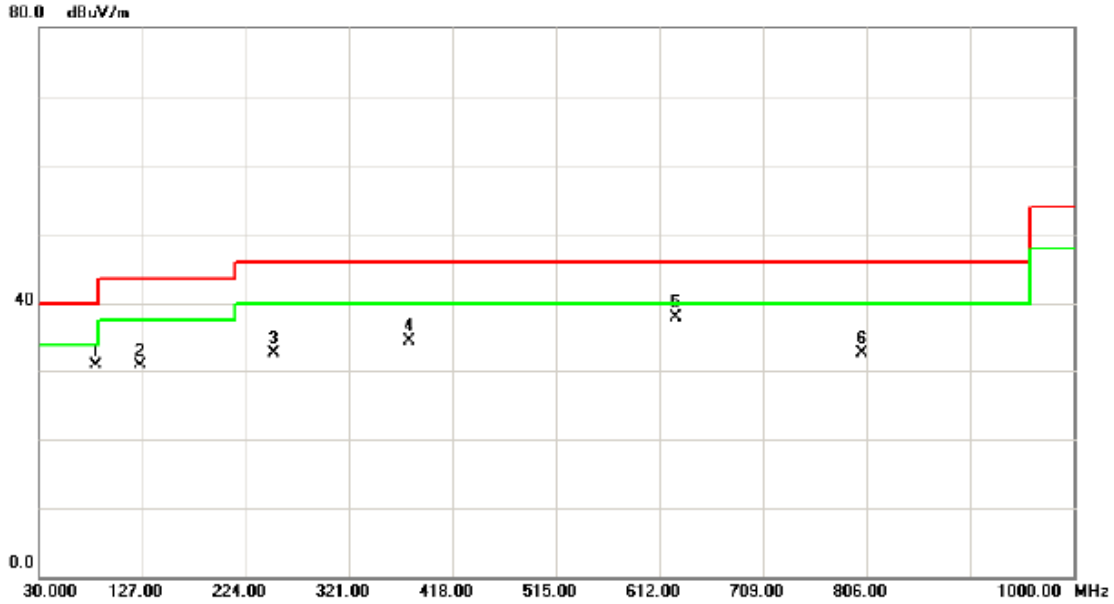
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		124.5750	47.40	-18.45	28.95	43.50	-14.55	peak	
2		250.6750	44.67	-14.99	29.68	46.00	-16.32	peak	
3		376.7750	45.03	-10.61	34.42	46.00	-11.58	peak	
4		401.0250	40.38	-9.80	30.58	46.00	-15.42	peak	
5		500.4500	38.80	-8.37	30.43	46.00	-15.57	peak	
6	*	626.5500	43.45	-5.05	38.40	46.00	-7.60	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5180MHz – Worst case(2TX)	Phase:	Horizontal
Note ：	ANT: Nippon Antenna(Shanghai)		



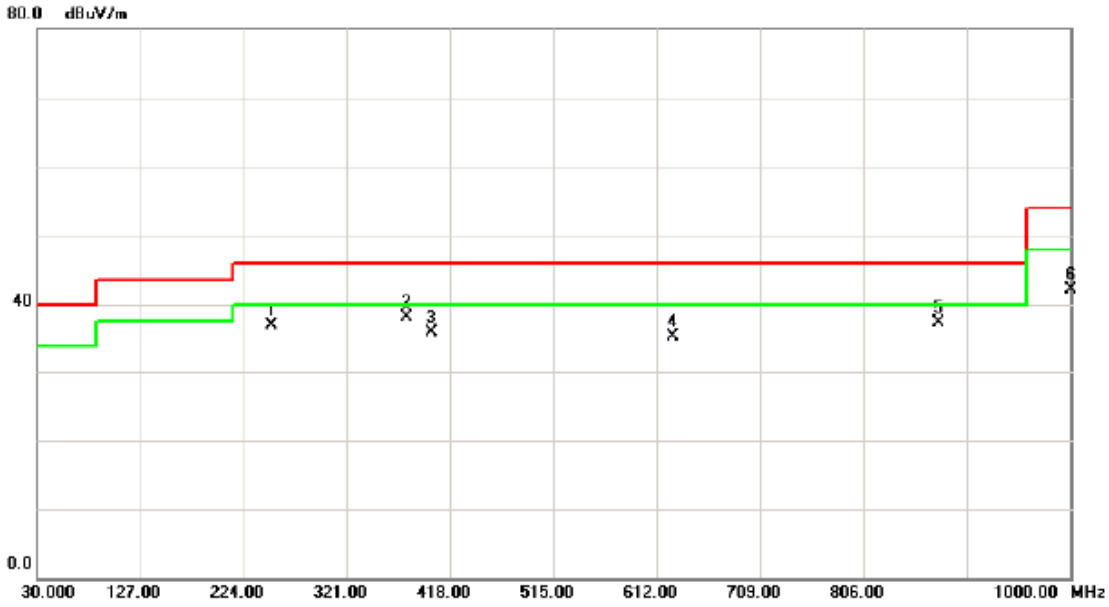
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		124.5750	47.49	-18.45	29.04	43.50	-14.46	peak	
2		250.6750	51.94	-14.99	36.95	46.00	-9.05	peak	
3	*	376.7750	48.17	-10.61	37.56	46.00	-8.44	peak	
4		401.0250	44.16	-9.80	34.36	46.00	-11.64	peak	
5		626.5500	40.27	-5.05	35.22	46.00	-10.78	peak	
6		801.1500	40.43	-3.60	36.83	46.00	-9.17	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5260MHz – Worst case(2TX)	Phase:	Vertical
Note ：	ANT: Nippon Antenna(Shanghai)		



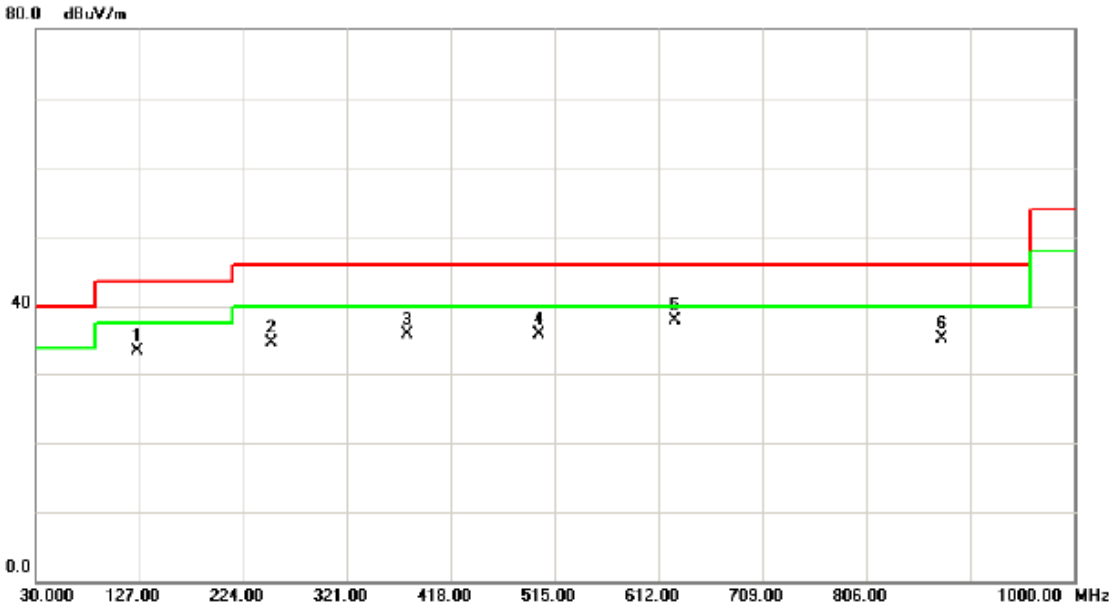
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		83.3500	50.10	-19.26	30.84	40.00	-9.16	peak	
2		124.5750	49.40	-18.45	30.95	43.50	-12.55	peak	
3		250.6750	47.67	-14.99	32.68	46.00	-13.32	peak	
4		376.7750	45.03	-10.61	34.42	46.00	-11.58	peak	
5	*	626.5500	42.95	-5.05	37.90	46.00	-8.10	peak	
6		801.1500	36.31	-3.60	32.71	46.00	-13.29	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5260MHz – Worst case(2TX)	Phase:	Horizontal
Note ：	ANT: Nippon Antenna(Shanghai)		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		250.6750	51.94	-14.99	36.95	46.00	-9.05	peak	
2	*	376.7750	48.67	-10.61	38.06	46.00	-7.94	peak	
3		401.0250	45.66	-9.80	35.86	46.00	-10.14	peak	
4		626.5500	40.27	-5.05	35.22	46.00	-10.78	peak	
5		876.3250	39.50	-2.28	37.22	46.00	-8.78	peak	
6		1000.000	42.38	-0.33	42.05	54.00	-11.95	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5500MHz – Worst case(2TX)	Phase:	Vertical
Note ：	ANT: Nippon Antenna(Shanghai)		

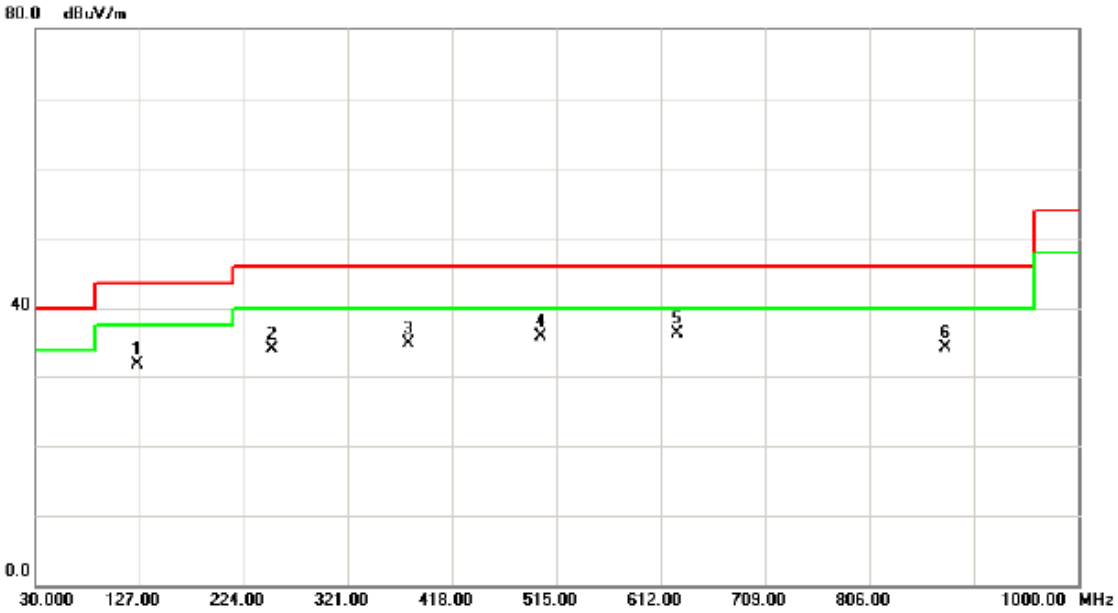


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		124.5750	51.90	-18.45	33.45	43.50	-10.05	peak	
2		250.6750	49.67	-14.99	34.68	46.00	-11.32	peak	
3		376.7750	46.53	-10.61	35.92	46.00	-10.08	peak	
4		500.4500	44.30	-8.37	35.93	46.00	-10.07	peak	
5	*	626.5500	42.95	-5.05	37.90	46.00	-8.10	peak	
6		876.3250	37.68	-2.28	35.40	46.00	-10.60	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX A Mode 5500MHz – Worst case(2TX)	Phase:	Horizontal
Note ：	ANT: Nippon Antenna(Shanghai)		

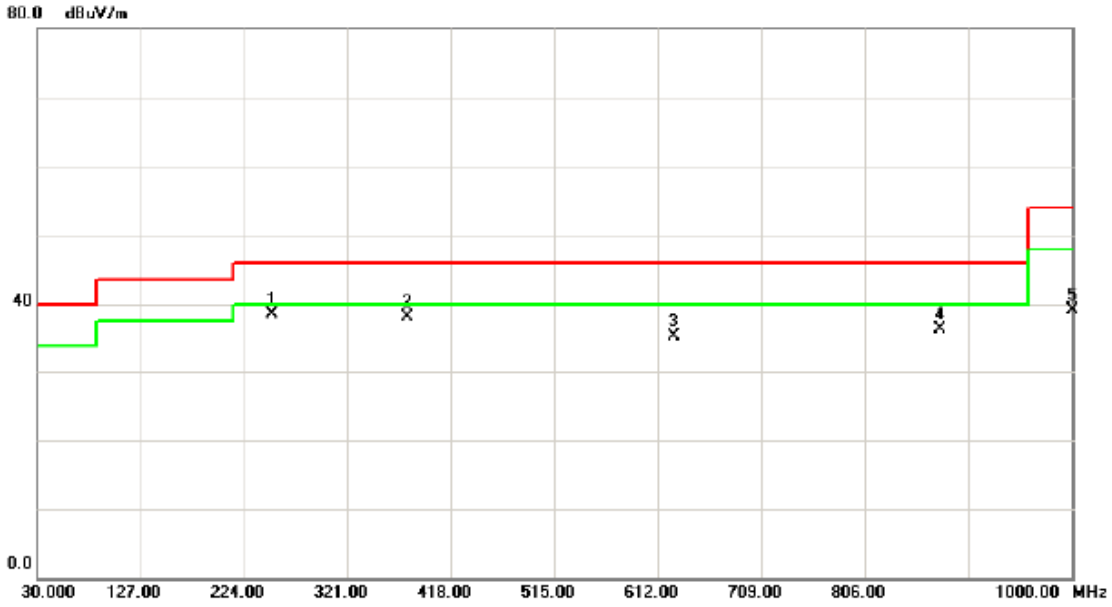
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	250.6750	53.94	-14.99	38.95	46.00	-7.05	peak	
2		376.7750	49.17	-10.61	38.56	46.00	-7.44	peak	
3		626.5500	41.27	-5.05	36.22	46.00	-9.78	peak	
4		801.1500	40.43	-3.60	36.83	46.00	-9.17	peak	
5		876.3250	39.50	-2.28	37.22	46.00	-8.78	peak	
6		1000.000	41.88	-0.33	41.55	54.00	-12.45	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)	Phase:	Vertical
Note ：	ANT: Nippon Antenna(Shanghai)		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		124.5750	50.40	-18.45	31.95	43.50	-11.55	peak	
2		250.6750	49.17	-14.99	34.18	46.00	-11.82	peak	
3		376.7750	45.53	-10.61	34.92	46.00	-11.08	peak	
4		500.4500	44.30	-8.37	35.93	46.00	-10.07	peak	
5	*	626.5500	41.45	-5.05	36.40	46.00	-9.60	peak	
6		876.3250	36.68	-2.28	34.40	46.00	-11.60	peak	

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)	Phase:	Horizontal
Note ：	ANT: Nippon Antenna(Shanghai)		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	250.6750	53.44	-14.99	38.45	46.00	-7.55	peak	
2		376.7750	48.67	-10.61	38.06	46.00	-7.94	peak	
3		626.5500	40.27	-5.05	35.22	46.00	-10.78	peak	
4		876.3250	38.50	-2.28	36.22	46.00	-9.78	peak	
5		1000.000	39.38	-0.33	39.05	54.00	-14.95	peak	

4.2.9 TEST RESULTS - ABOVE 1000MHZ

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	28.82	15.97	40.09	68.91	56.06	-35.86	-48.71	80.00	60.00	-24.77	-44.77	X/E
5185.75	V	74.26	65.12	40.18	114.44	105.30	9.67	0.53					X/F
10360.26	V	38.53	27.41	13.73	52.26	41.14	-52.51	-63.63	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

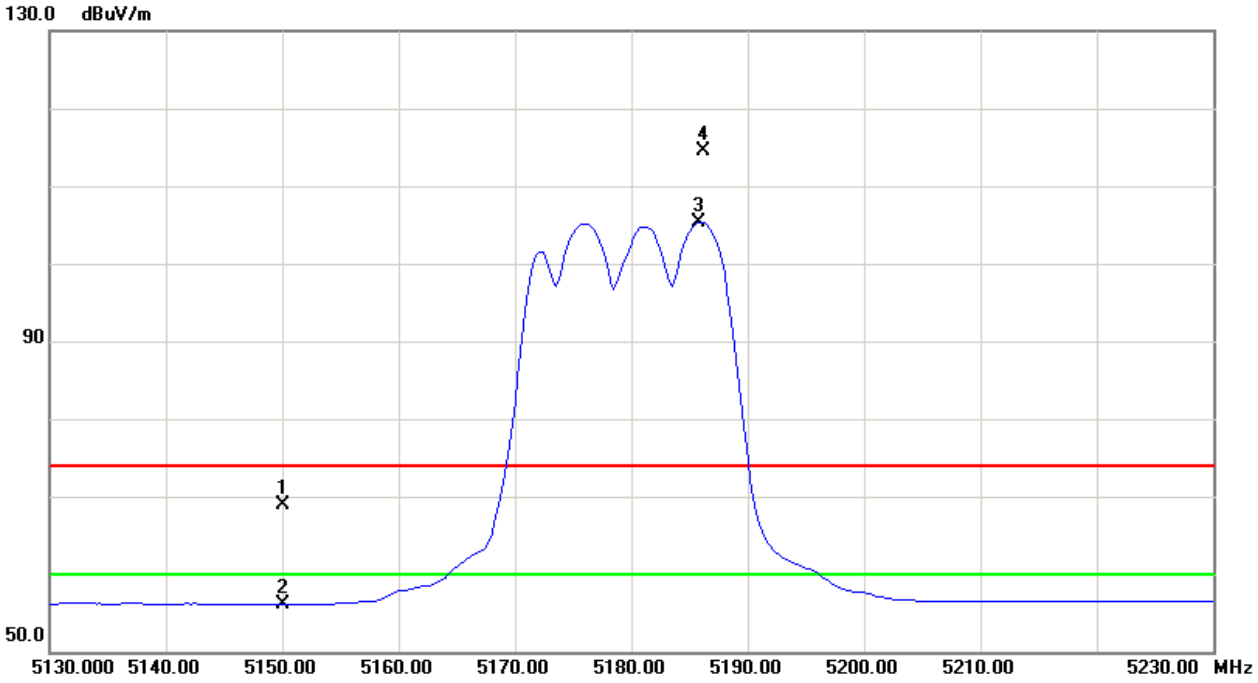
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

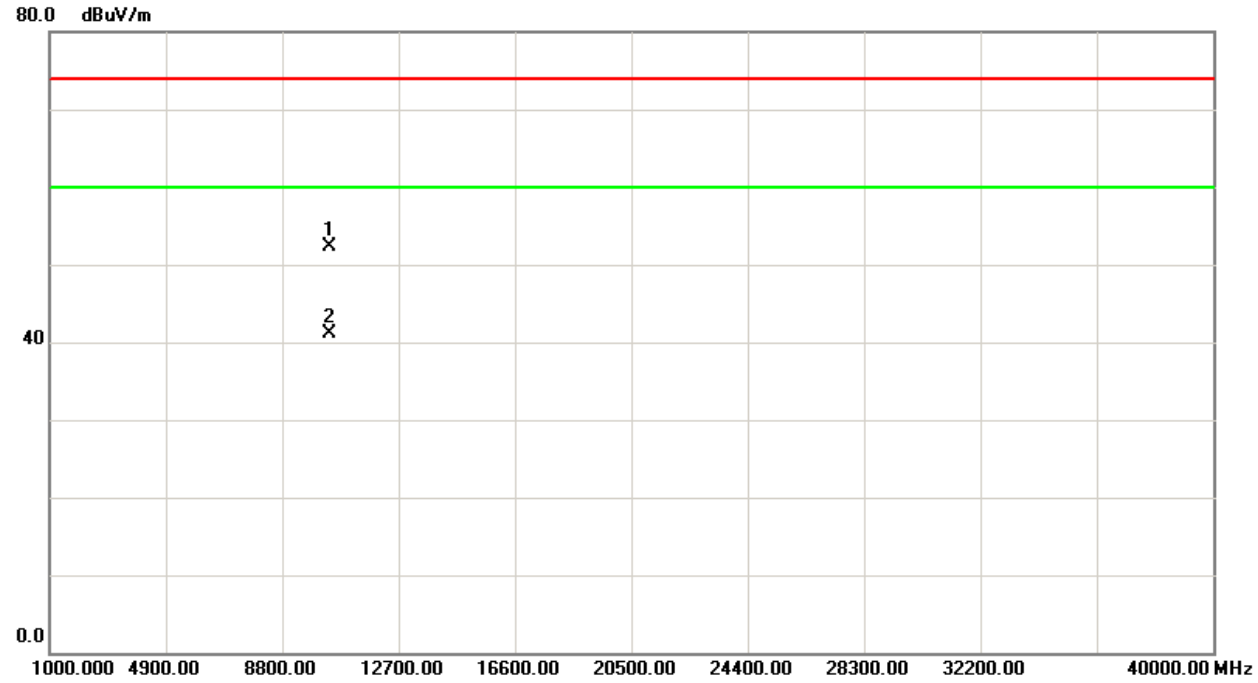
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	28.82	15.51	40.09	68.91	56.06	-35.86	-48.71	80.00	60.00	-24.77	-44.77	X/E
5185.50	H	61.37	50.86	40.18	101.55	91.04	2.78	-7.73					X/F
10360.25	H	37.53	27.19	13.73	51.26	40.92	-47.51	-57.85	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

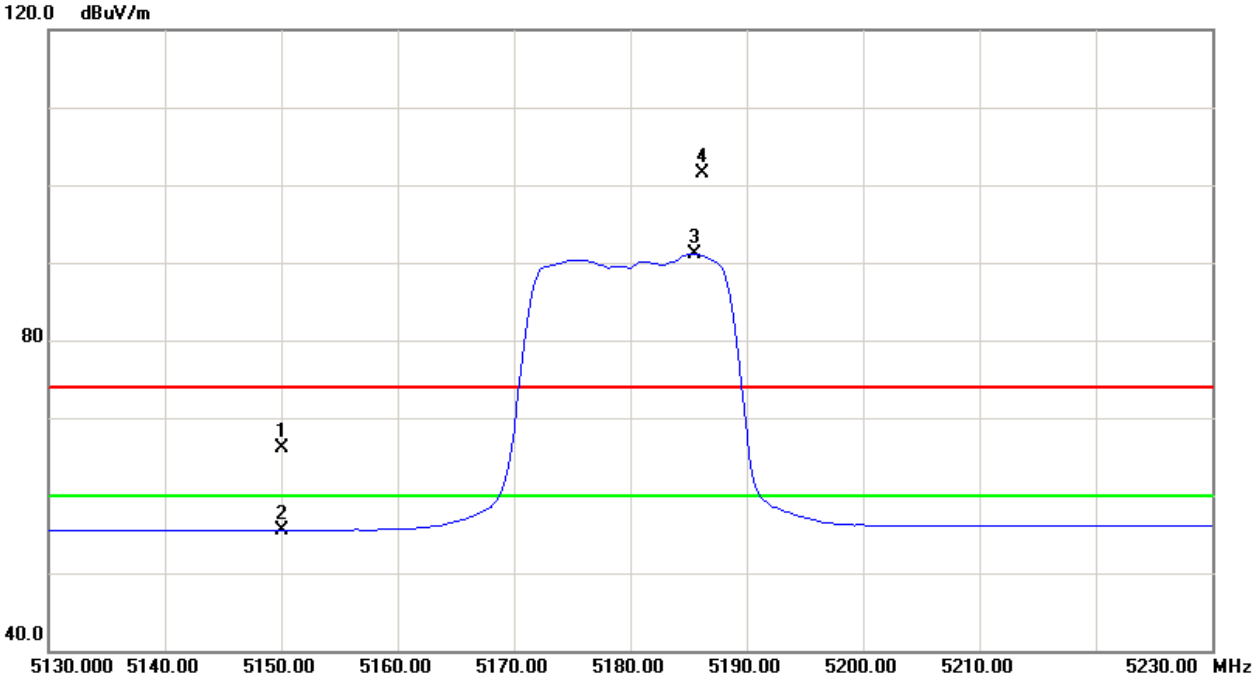
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

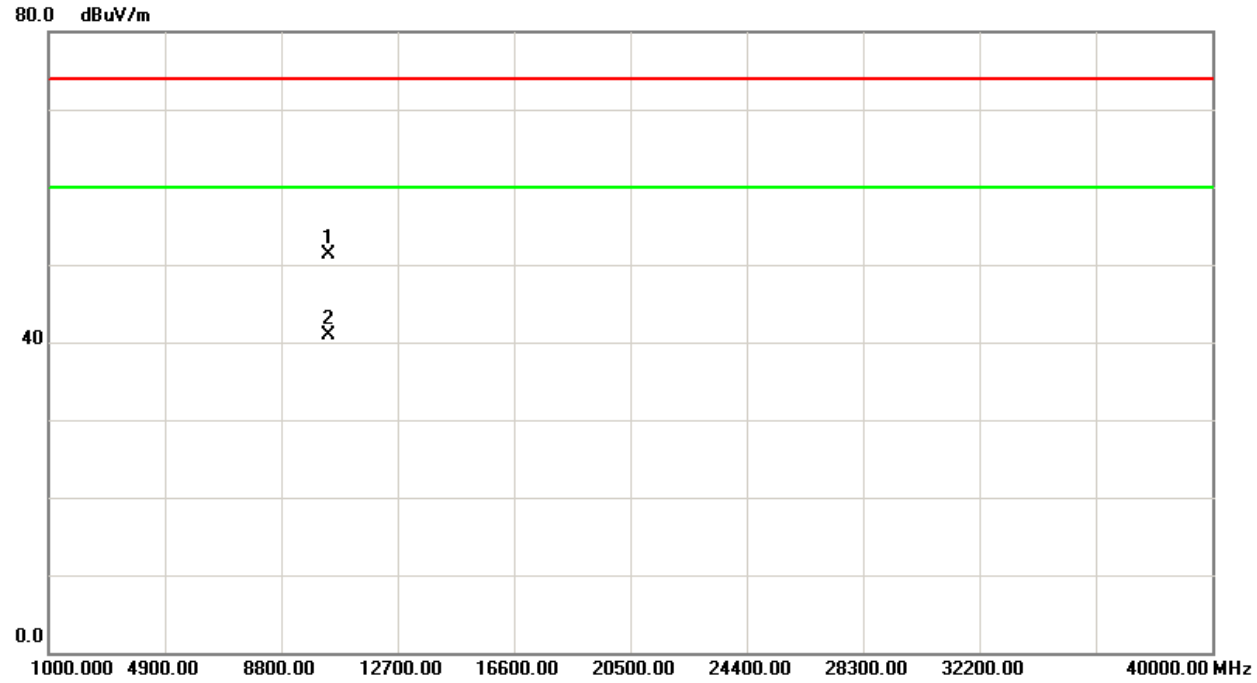
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5203.25	V	74.78	65.25	40.23	115.01	105.48	10.24	0.71					X/F
10400.05	V	39.09	27.91	13.78	52.87	41.69	-51.90	-63.08	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

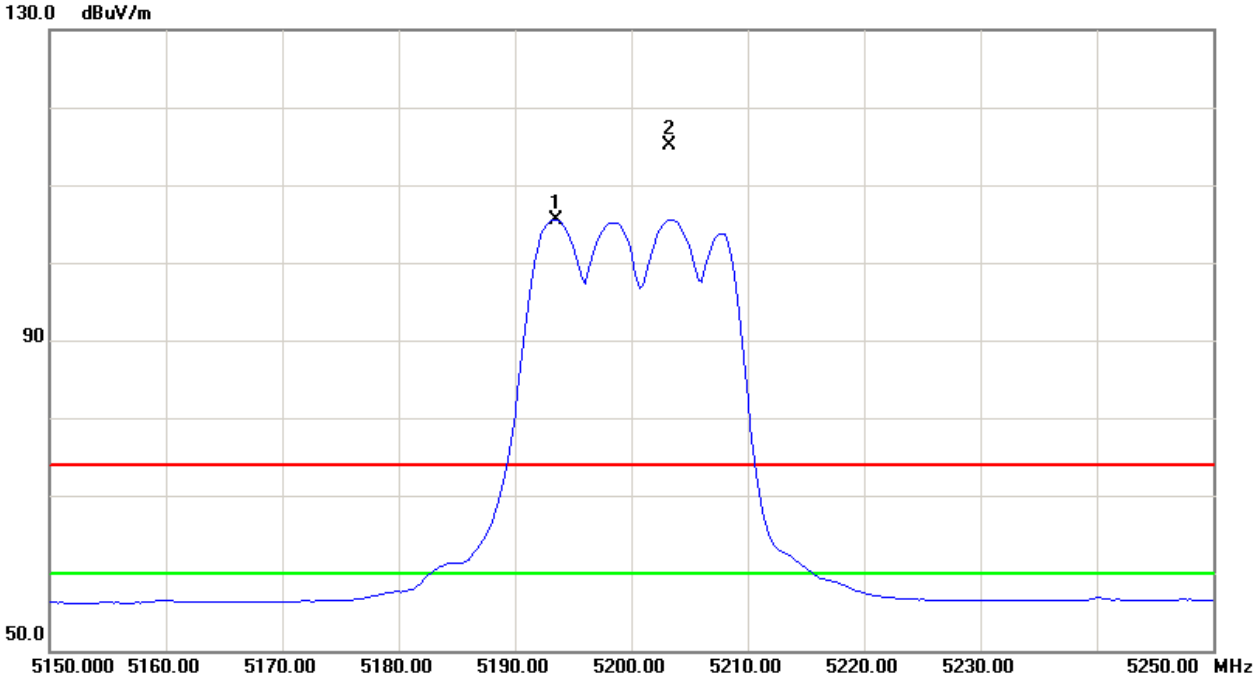
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

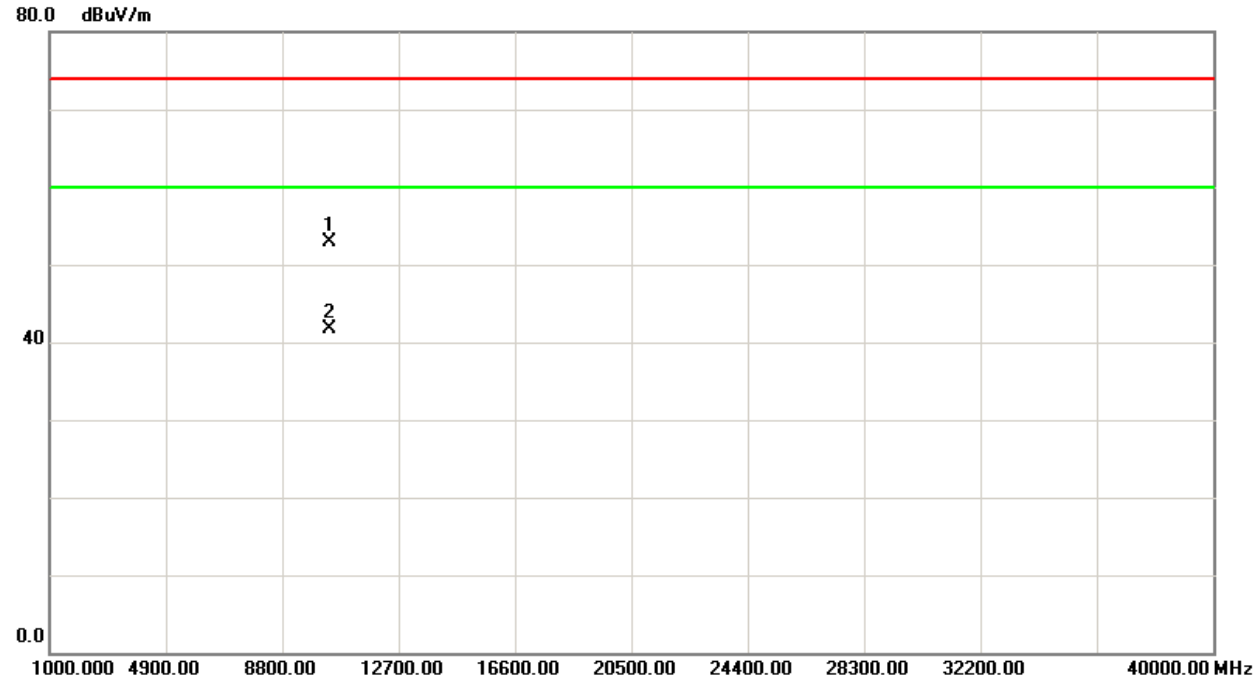
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5205.75	H	64.03	53.09	40.23	104.26	93.32	-0.51	-11.45					X/F
10400.24	H	37.57	27.14	13.78	51.35	40.92	-53.42	-63.85	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

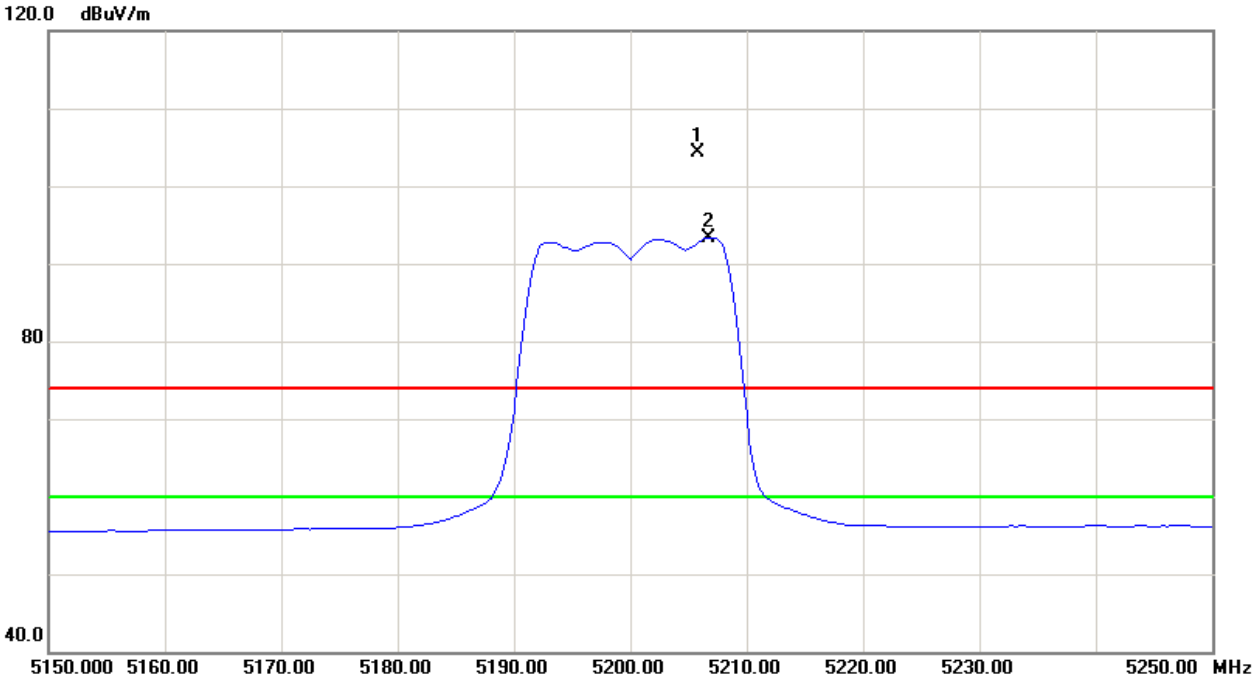
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

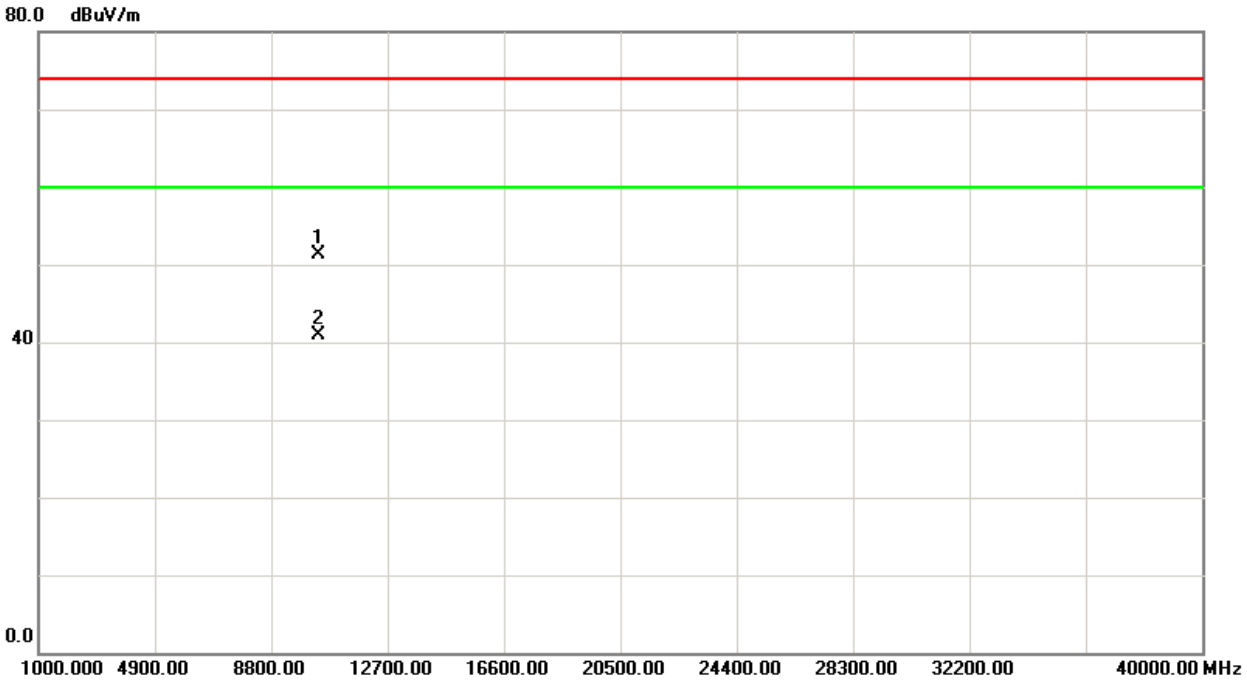
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5233.00	V	74.14	64.82	40.31	114.45	105.13	9.68	0.36					X/F
10480.08	V	39.16	28.38	13.87	53.03	42.25	-51.74	-62.52	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

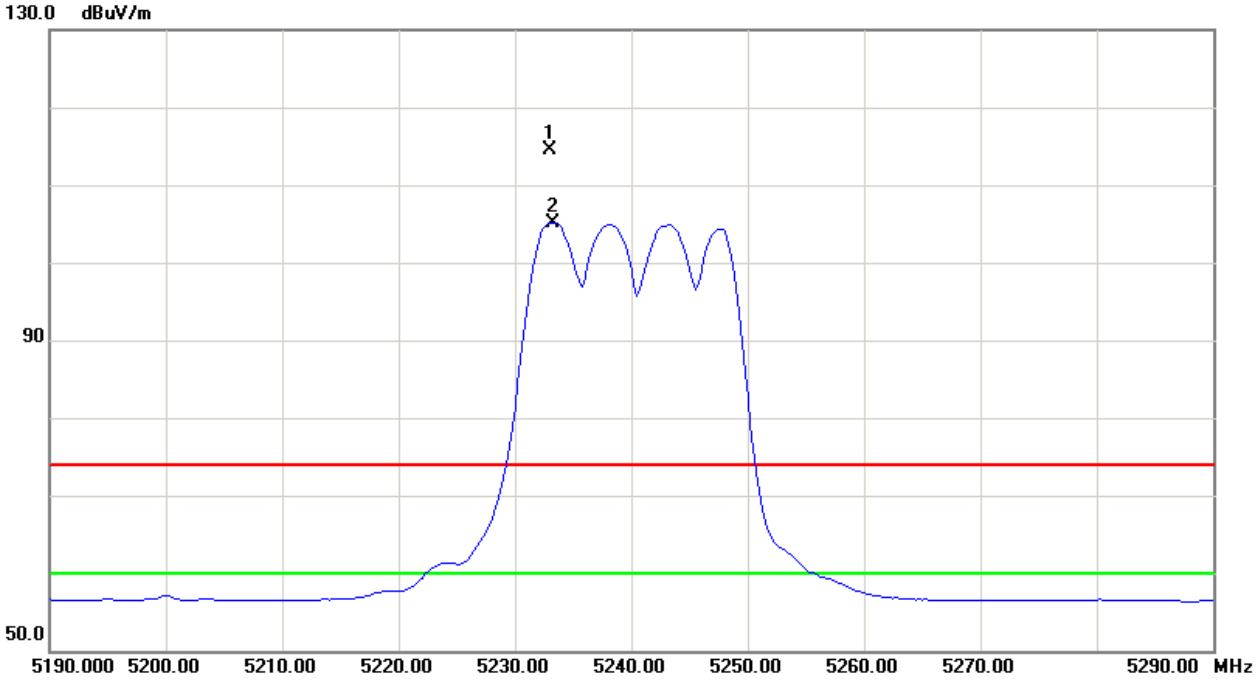
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

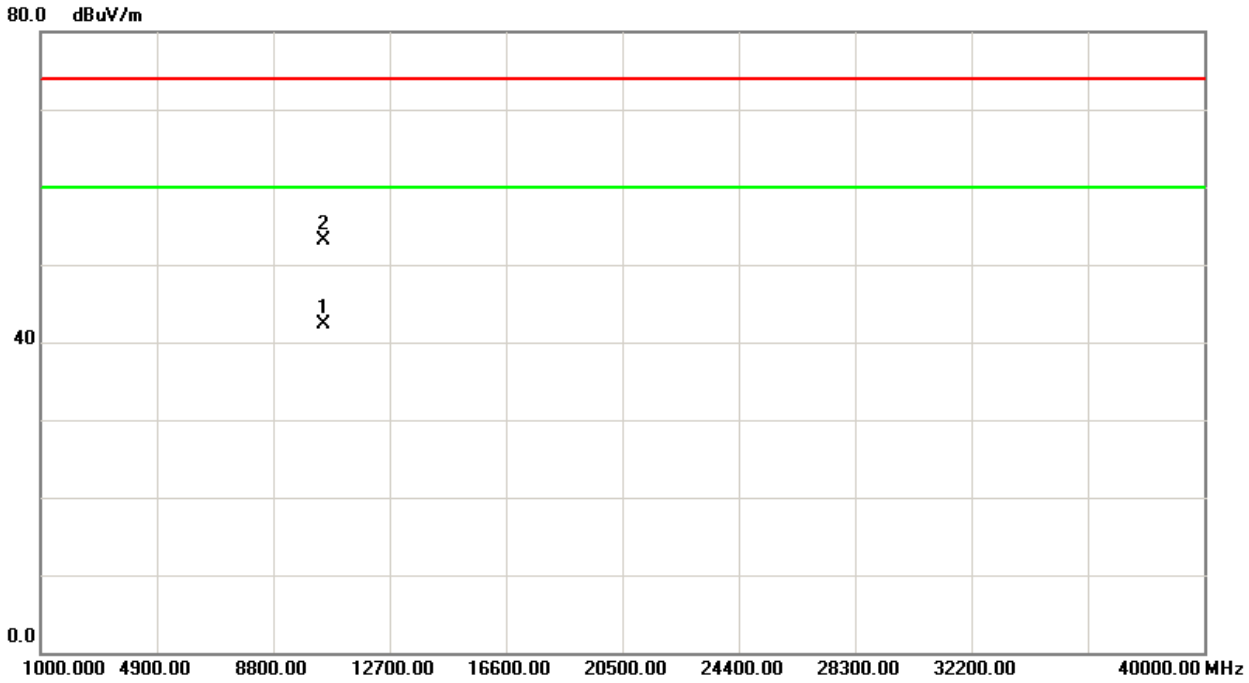
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5242.50	H	64.09	54.05	40.33	104.42	94.38	-0.35	-10.39					X/F
10480.15	H	38.19	27.15	13.87	52.06	41.02	-52.71	-63.75	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

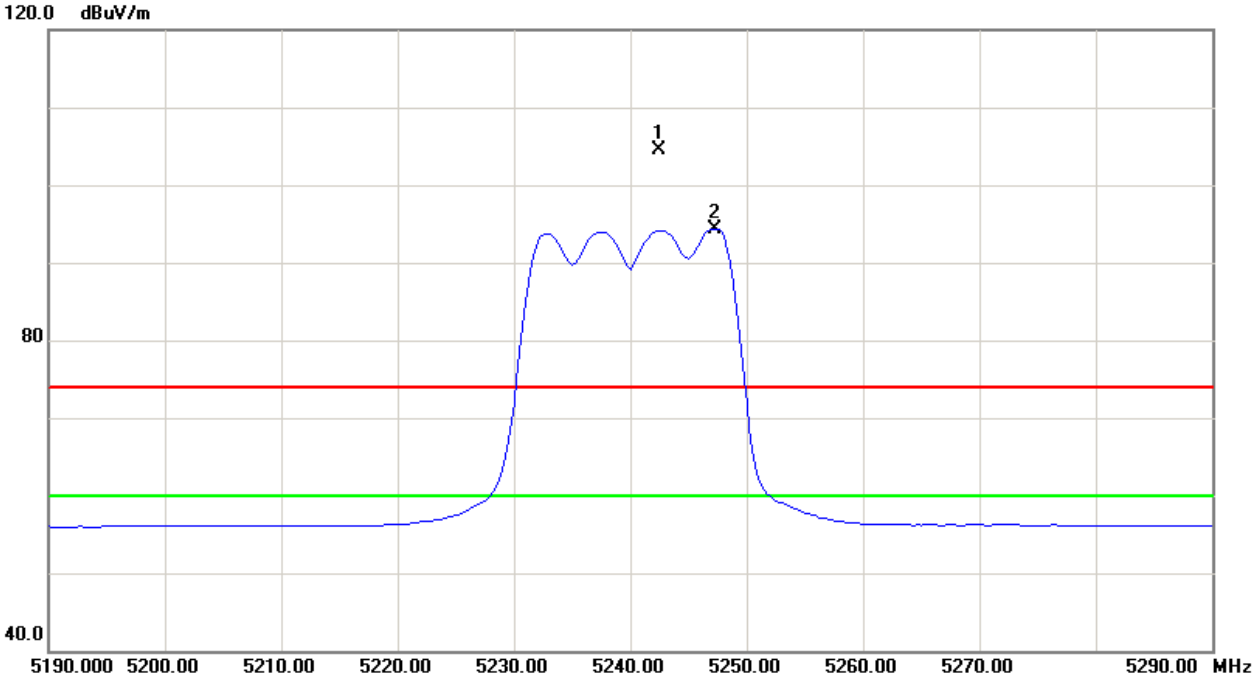
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

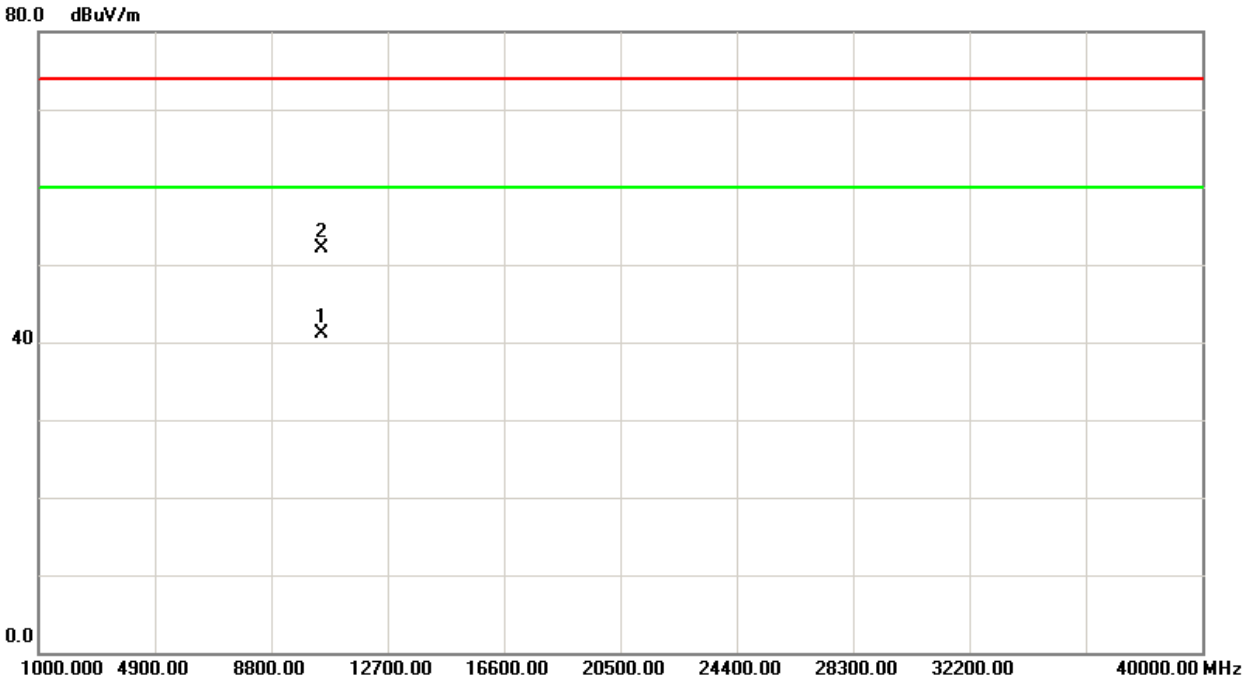
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	26.36	15.12	40.09	66.45	55.21	-38.32	-49.56	80.00	60.00	-24.77	-44.77	X/E
5176.40	V	72.20	60.91	40.16	112.36	101.07	7.59	-3.70					X/F
10360.25	V	38.33	26.61	13.73	52.06	40.34	-52.71	-64.43	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

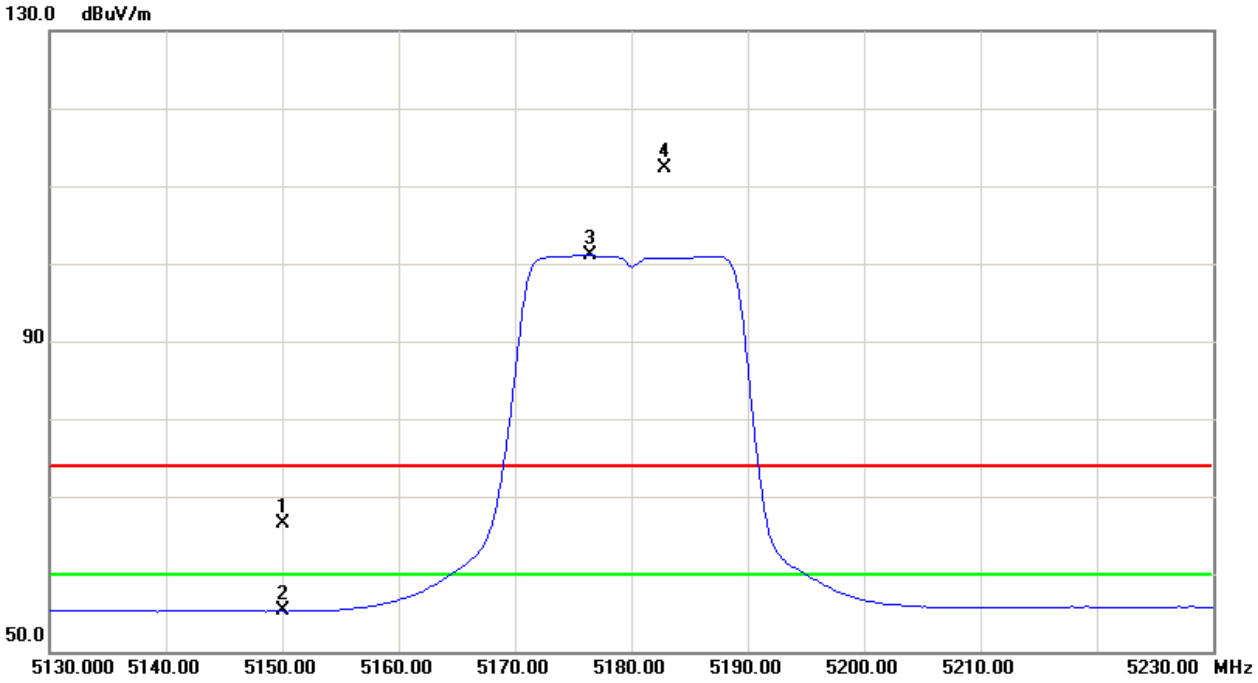
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

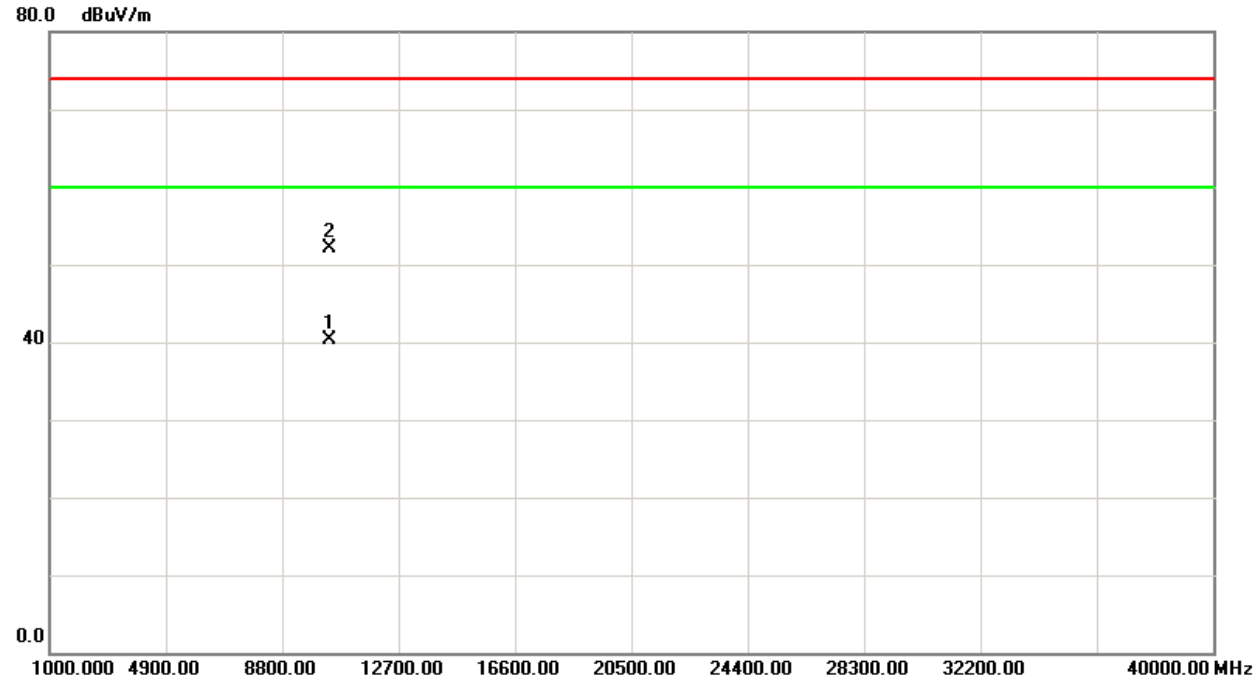
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	27.50	14.78	40.09	67.59	54.87	-37.18	-49.90	80.00	60.00	-24.77	-44.77	X/E
5187.00	H	64.65	53.52	40.19	104.84	93.71	0.07	-11.06					X/F
10360.52	H	36.62	26.79	13.73	50.35	40.52	-54.42	-64.25	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

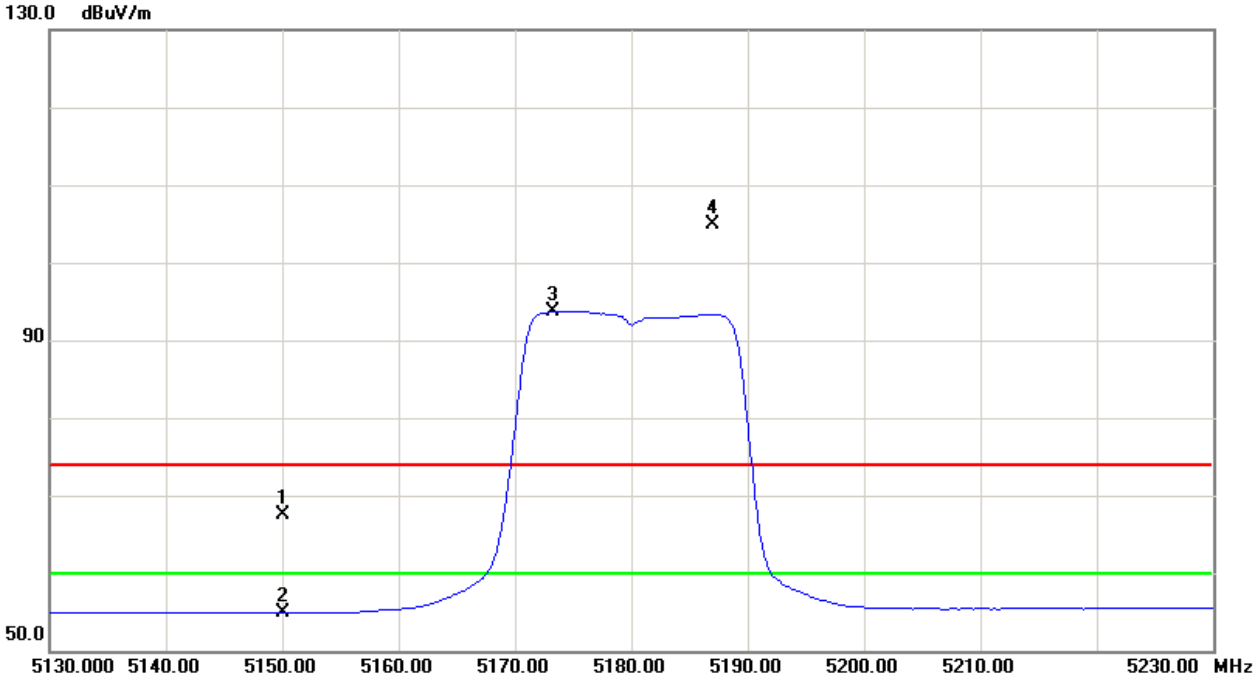
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

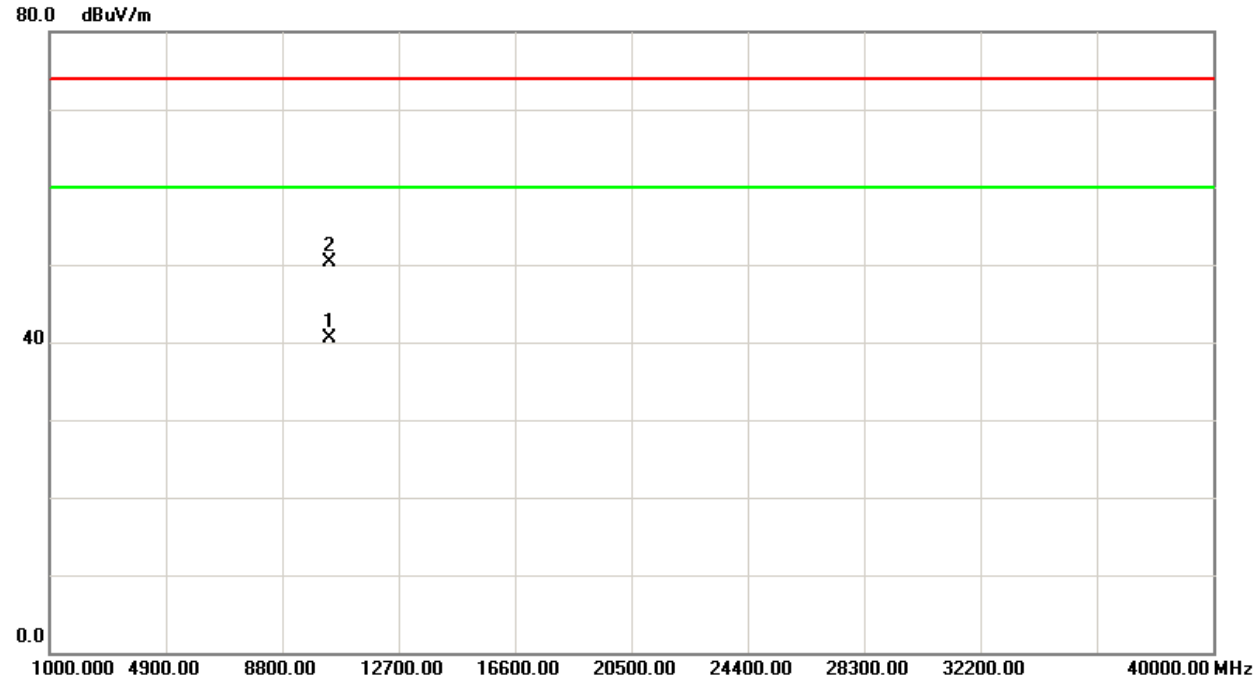
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5203.00	V	71.10	59.88	40.23	111.33	100.11	6.56	-4.66					X/F
10400.15	V	38.68	27.54	13.78	52.46	41.32	-52.31	-63.45	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

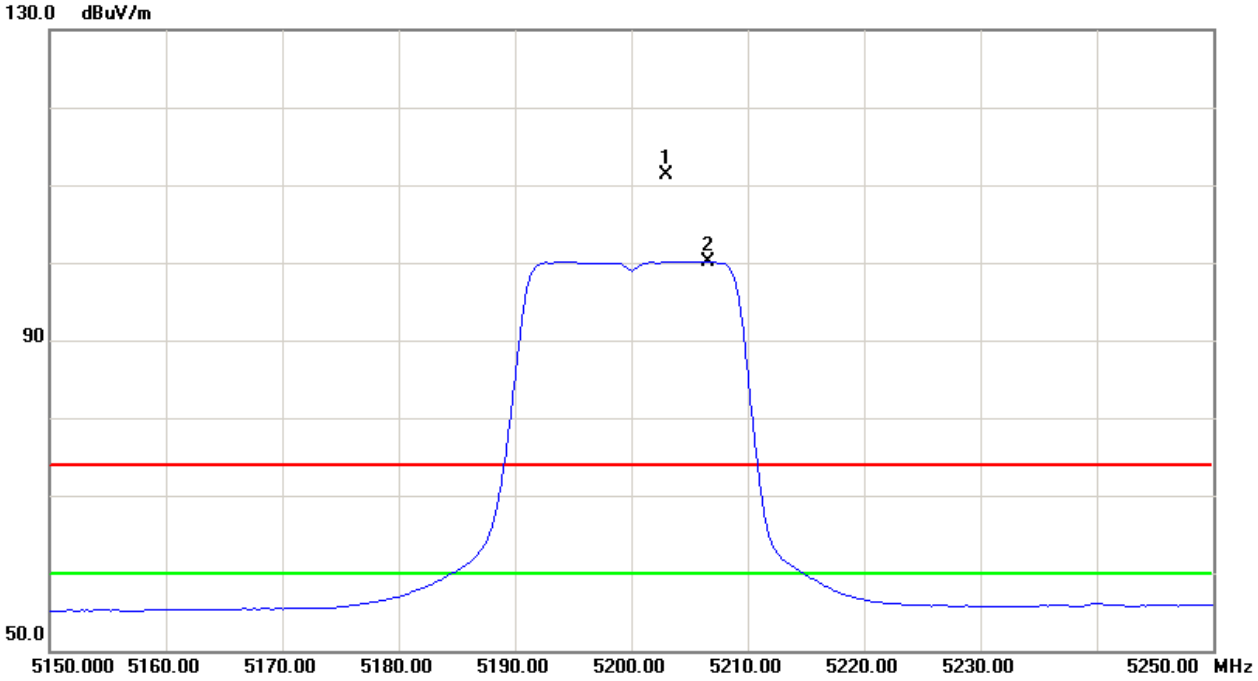
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

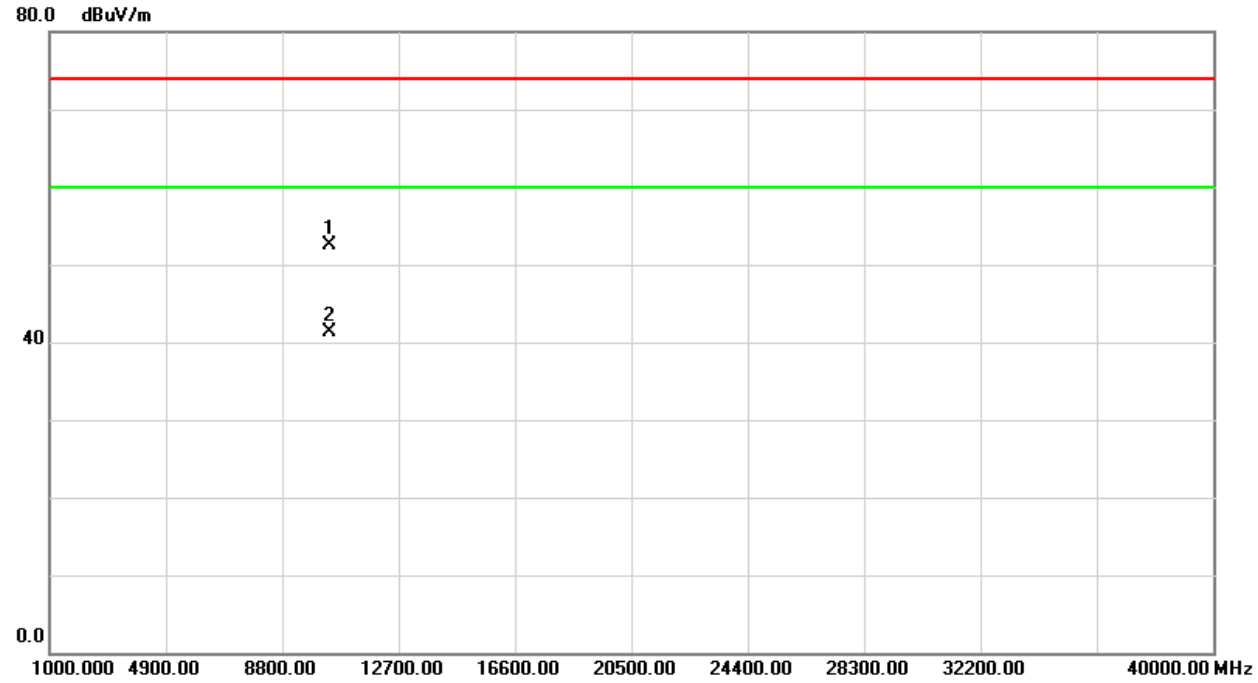
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5194.00	H	63.54	52.42	40.21	103.75	92.63	-1.02	-12.14					X/F
10400.17	H	37.64	26.79	13.78	51.42	40.57	-53.35	-64.20	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

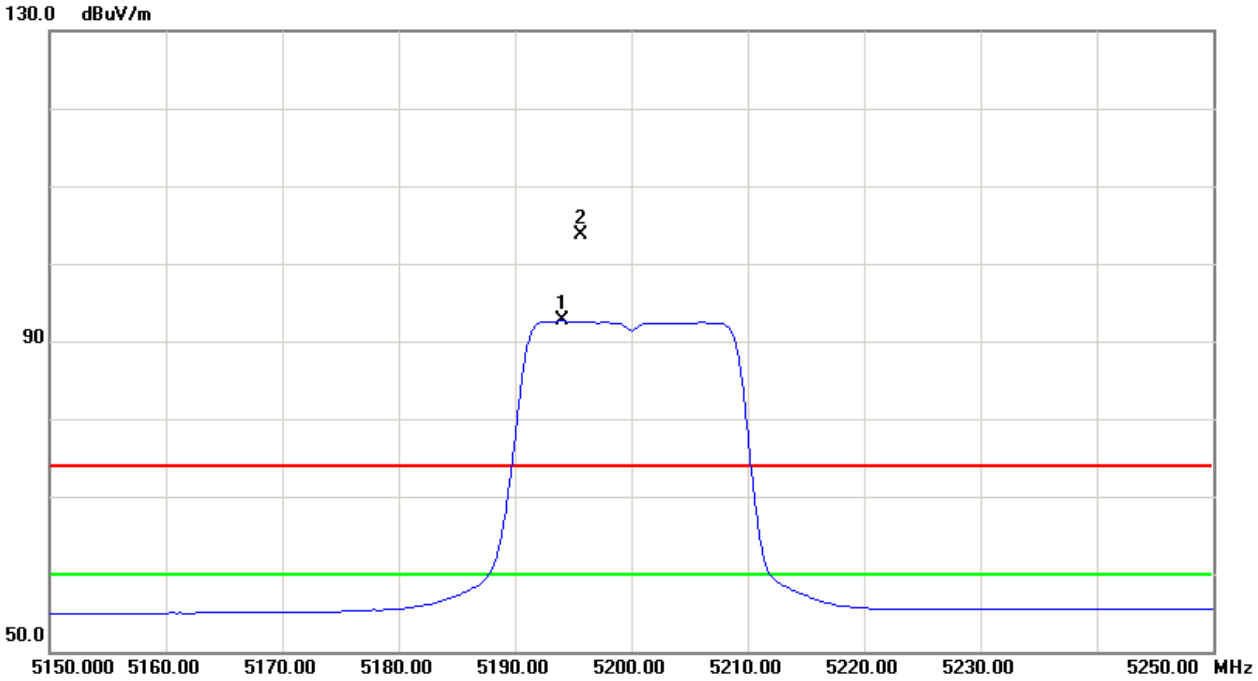
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

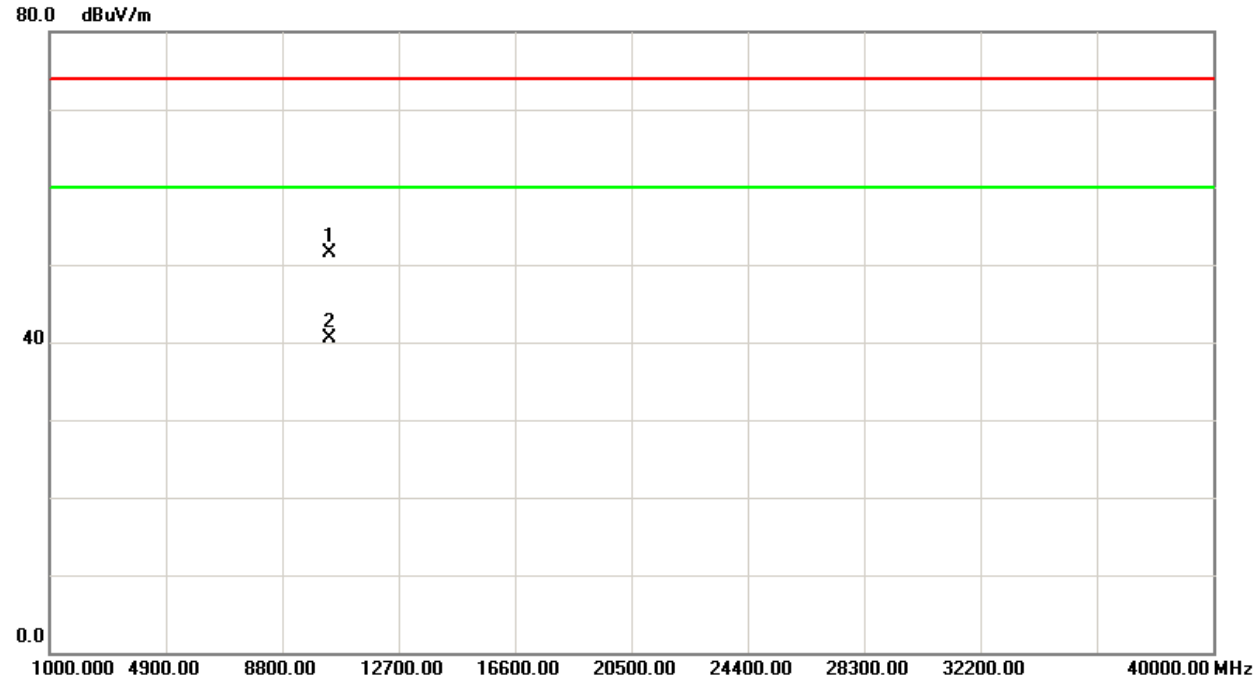
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5242.20	V	72.31	61.60	40.34	112.65	101.94	7.88	-2.83					X/F
10480.12	V	38.99	28.16	13.87	52.86	42.03	-51.91	-62.74	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

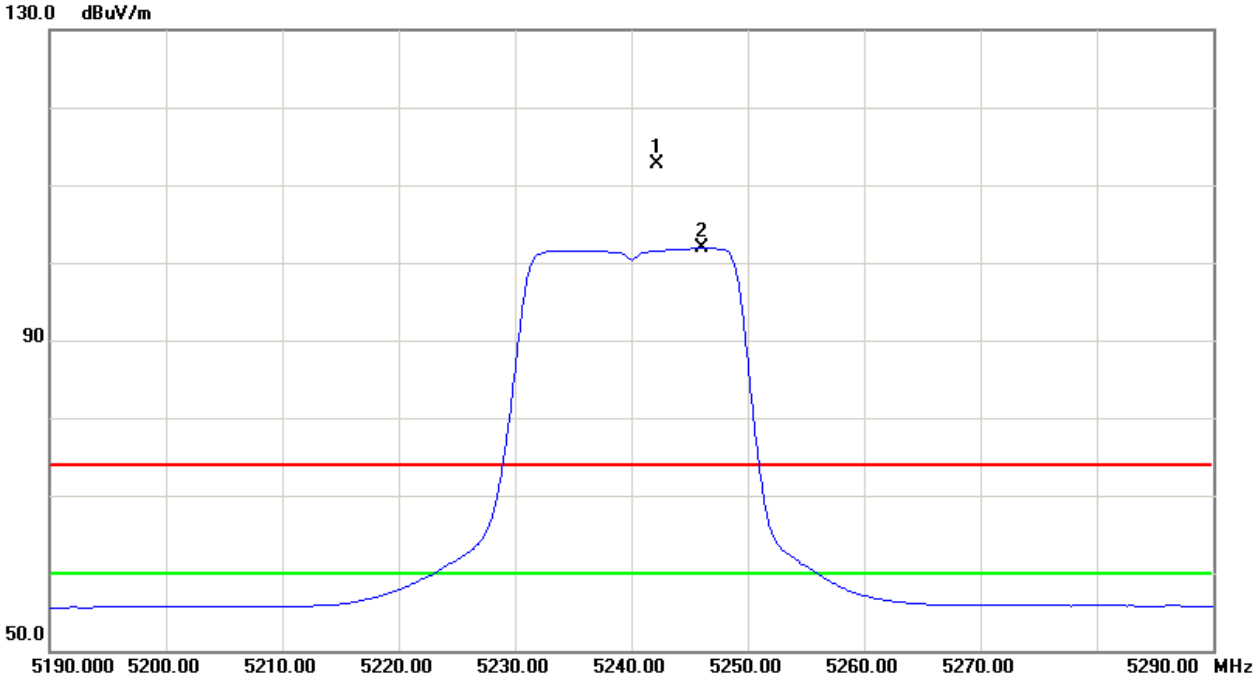
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

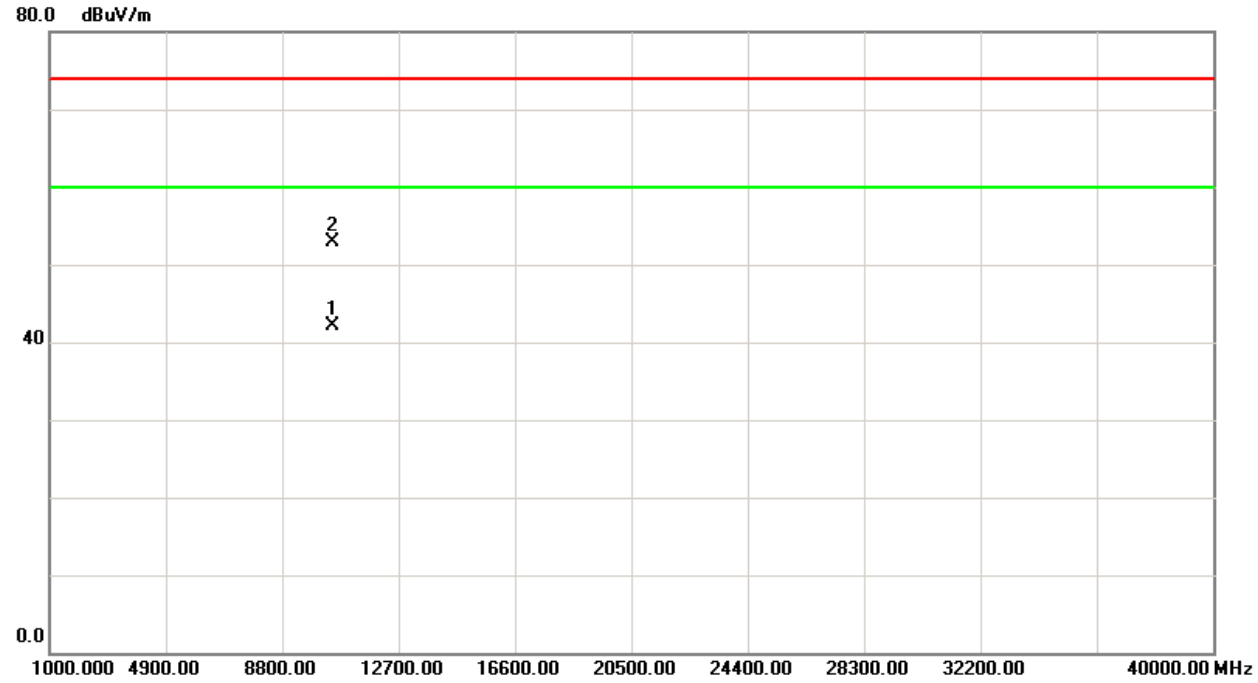
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5246.80	H	64.65	52.92	40.34	104.99	93.26	0.22	-11.51					X/F
10480.36	H	37.71	27.51	13.87	51.58	41.38	-53.19	-63.39	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

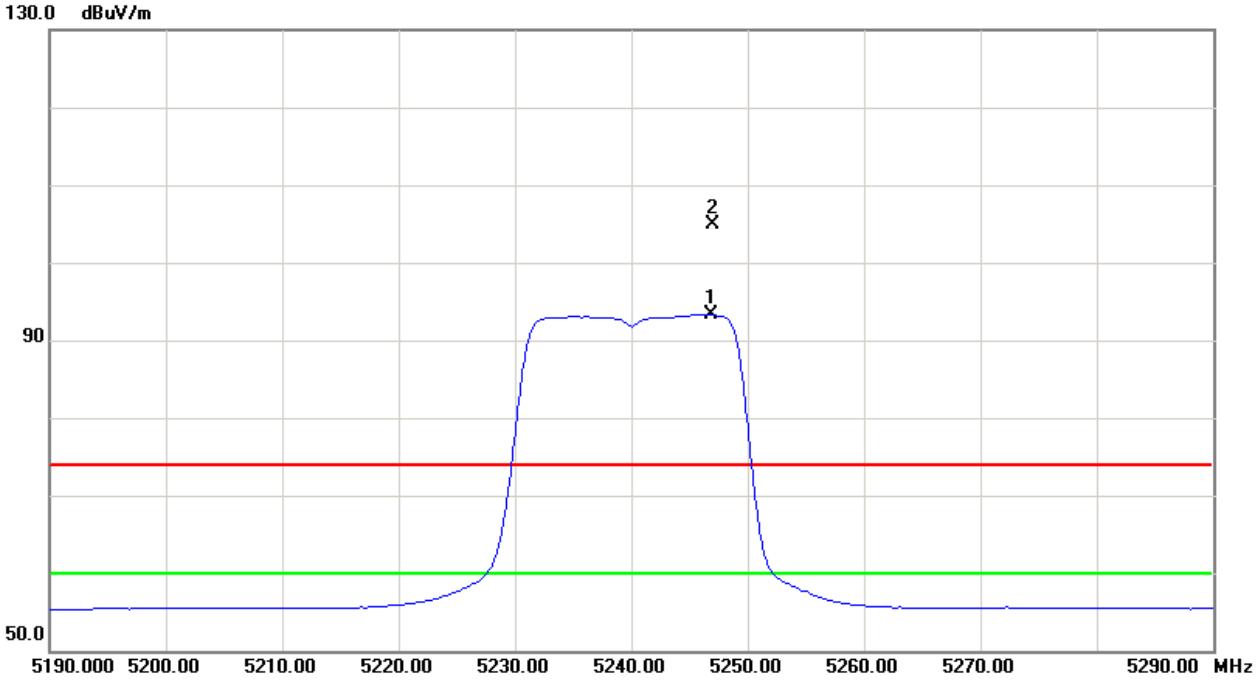
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

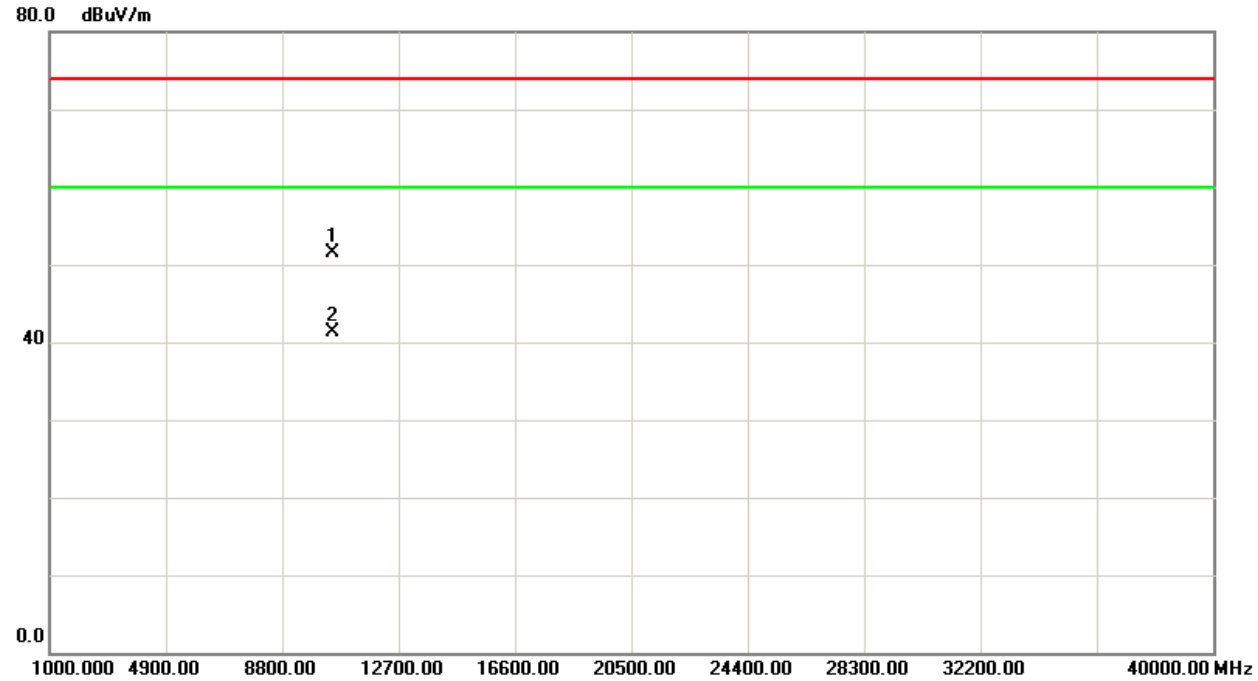
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	29.05	16.91	40.09	69.14	57.00	-35.63	-47.77	80.00	60.00	-24.77	-44.77	X/E
5175.60	V	69.07	58.16	40.16	109.23	98.32	4.46	-6.45					X/F
10380.23	V	37.30	26.20	13.76	51.06	39.96	-53.71	-64.81	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

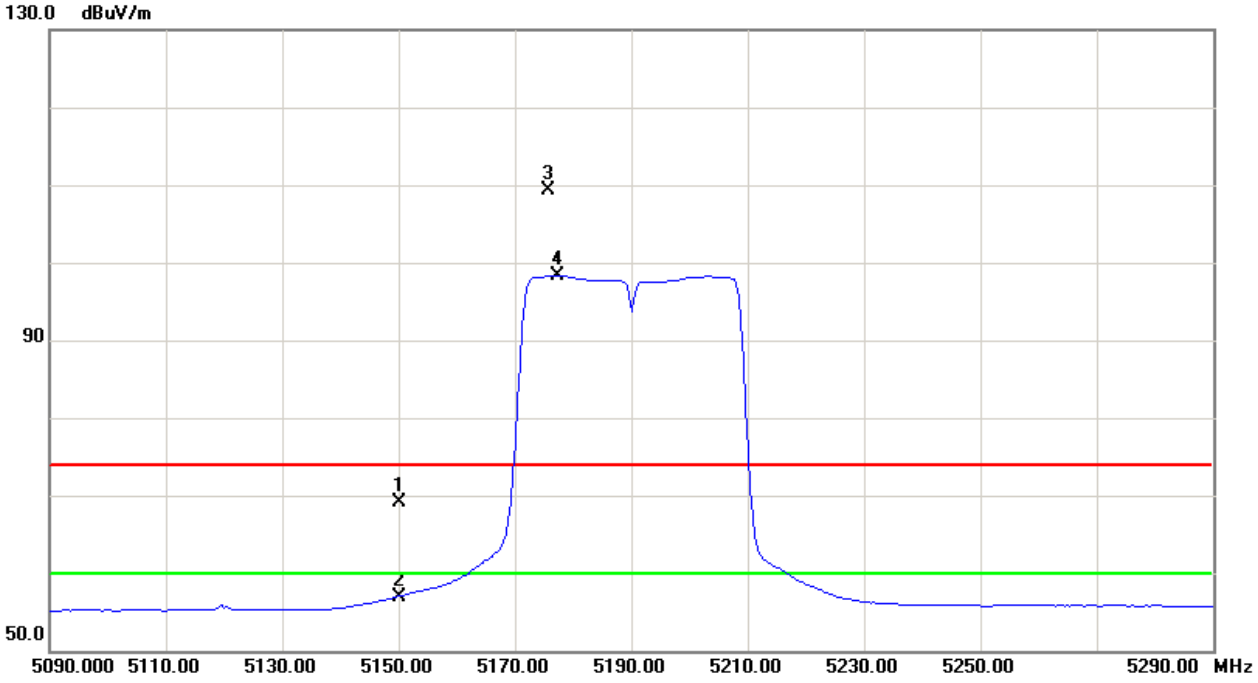
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

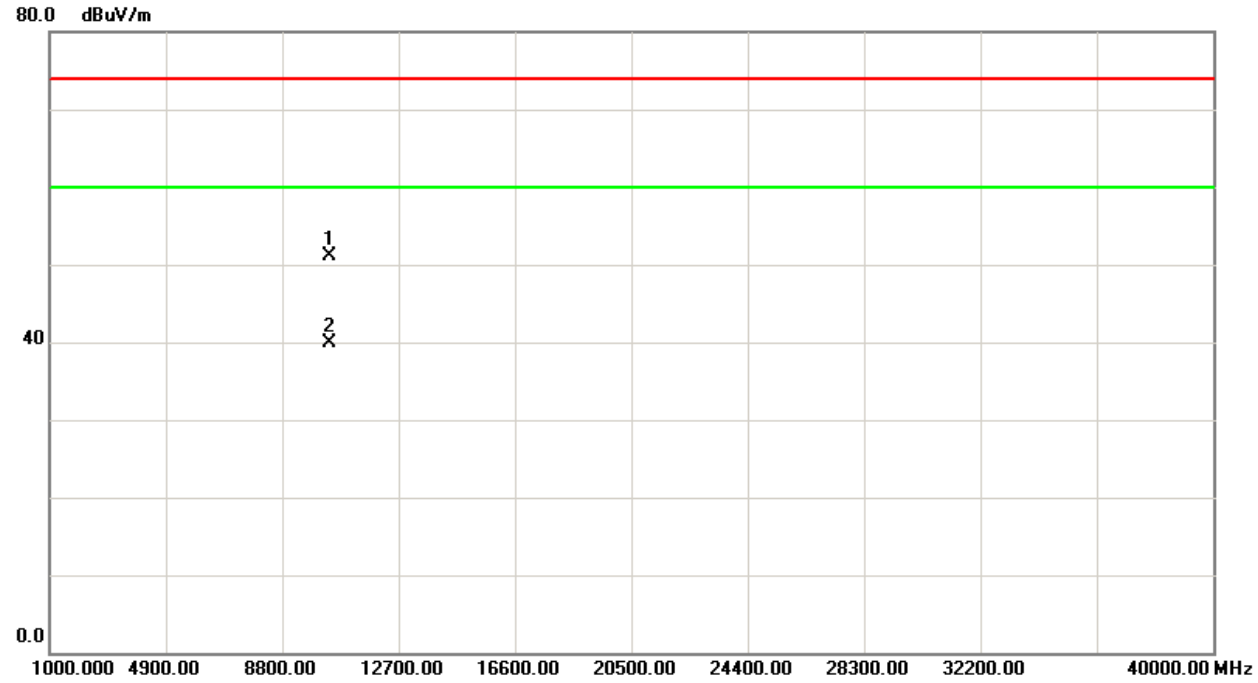
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	25.57	15.20	40.09	65.66	55.29	-39.11	-49.48	80.00	60.00	-24.77	-44.77	X/E
5176.40	H	60.97	50.25	40.16	101.13	90.41	-3.64	-14.36					X/F
10380.24	H	36.66	25.77	13.76	50.42	39.53	-54.35	-65.24	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

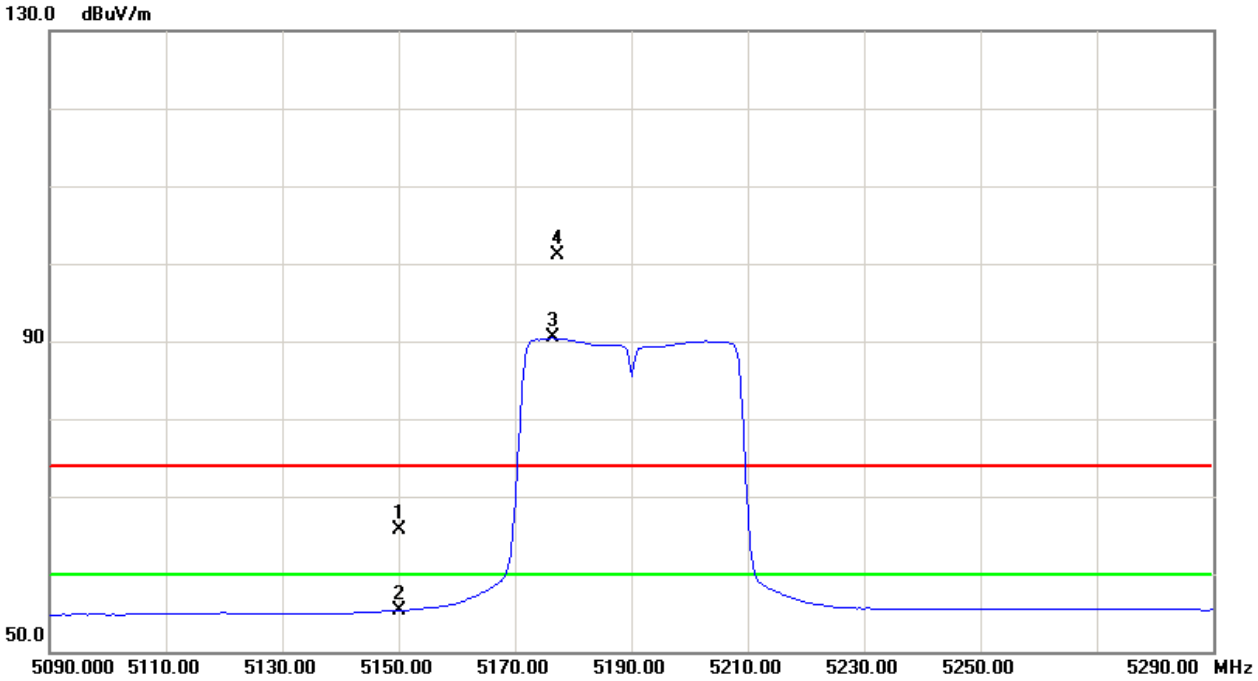
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

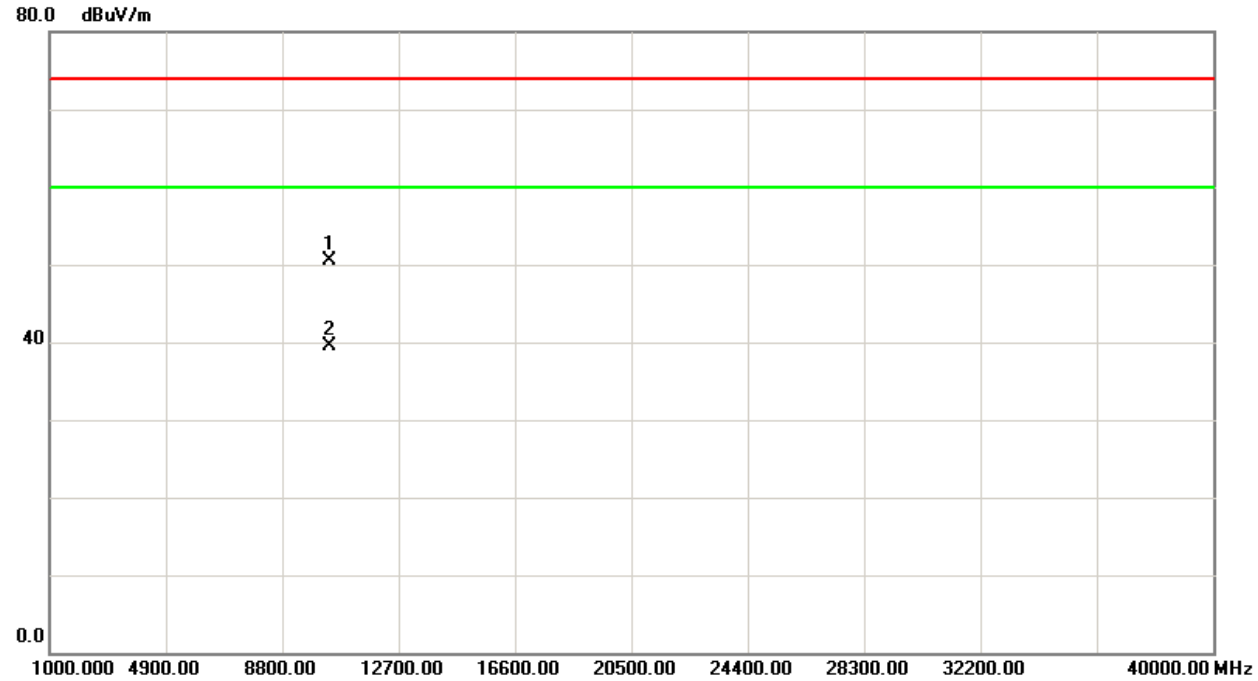
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5226.00	V	70.03	58.93	40.33	40.29	99.26	-64.48	-5.51					X/F
10460.05	V	37.41	26.32	13.85	51.26	40.17	-53.51	-64.60	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

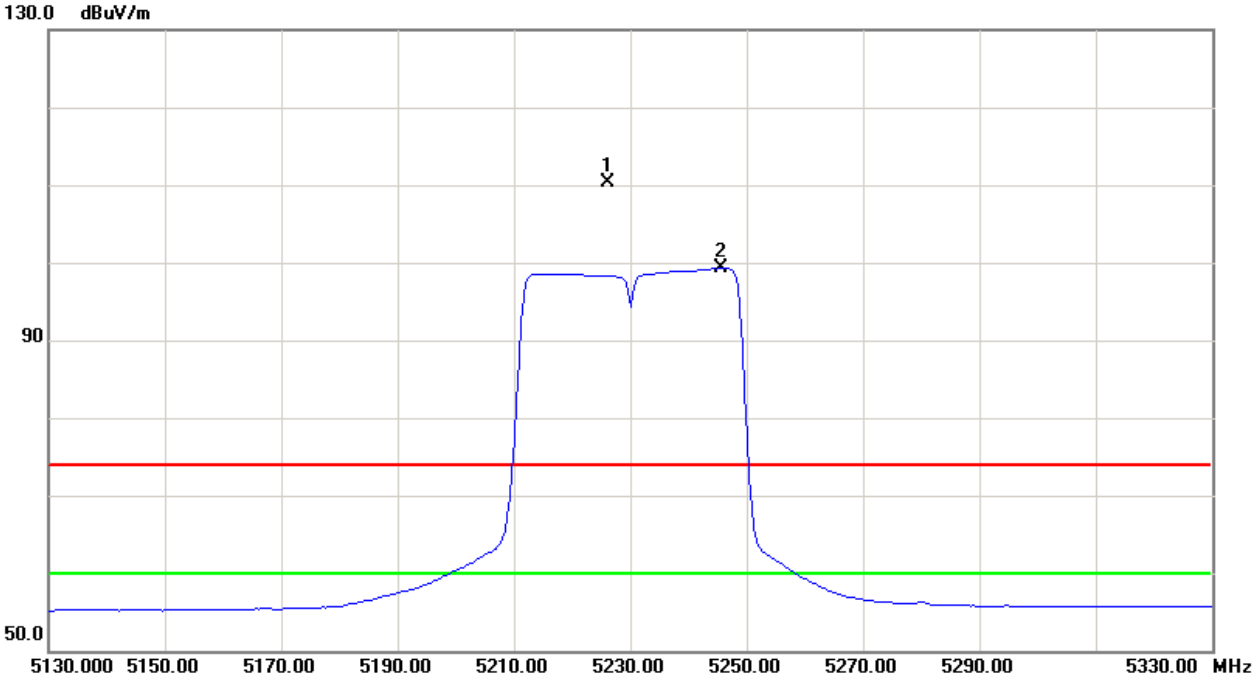
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

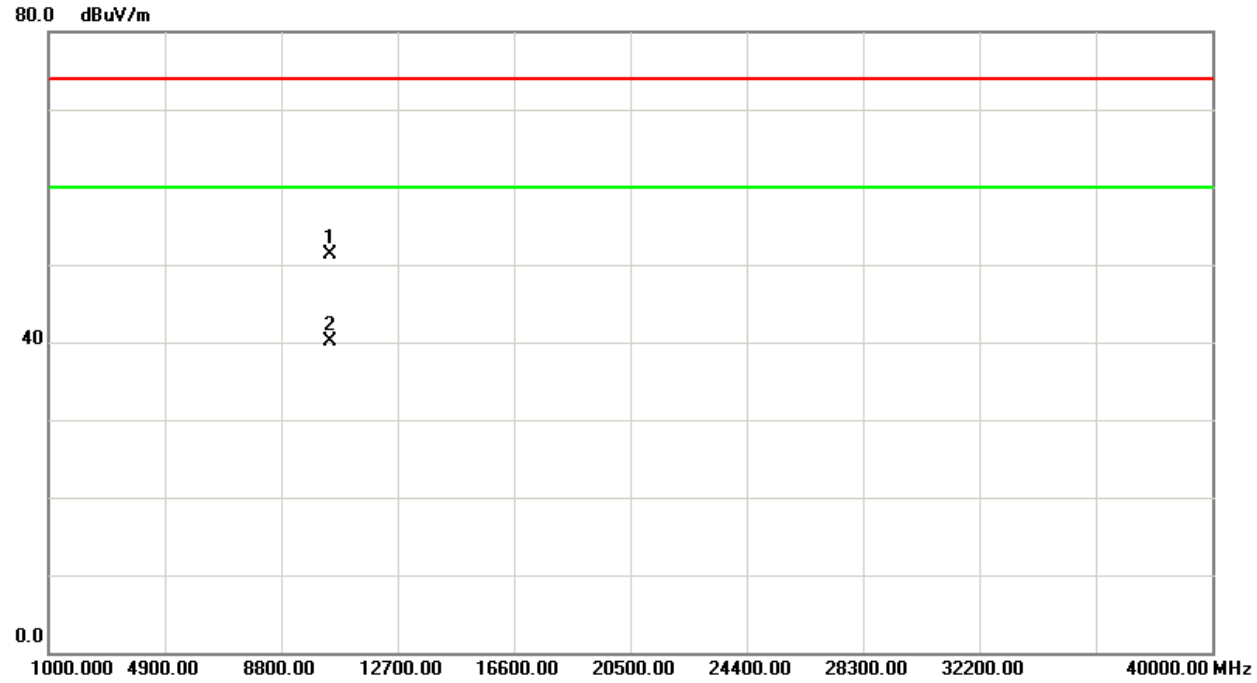
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5245.60	H	60.59	49.42	40.34	100.93	89.76	-3.84	-15.01					X/F
10460.26	H	36.11	25.67	13.85	49.96	39.52	-54.81	-65.25	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

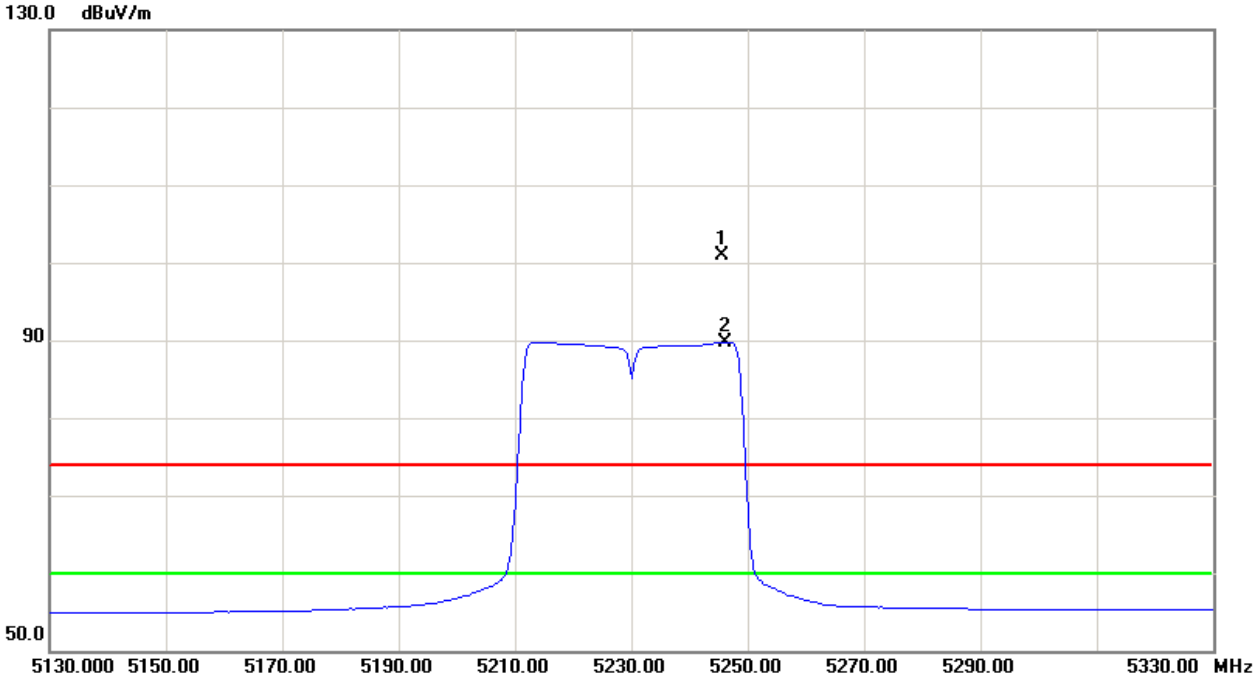
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

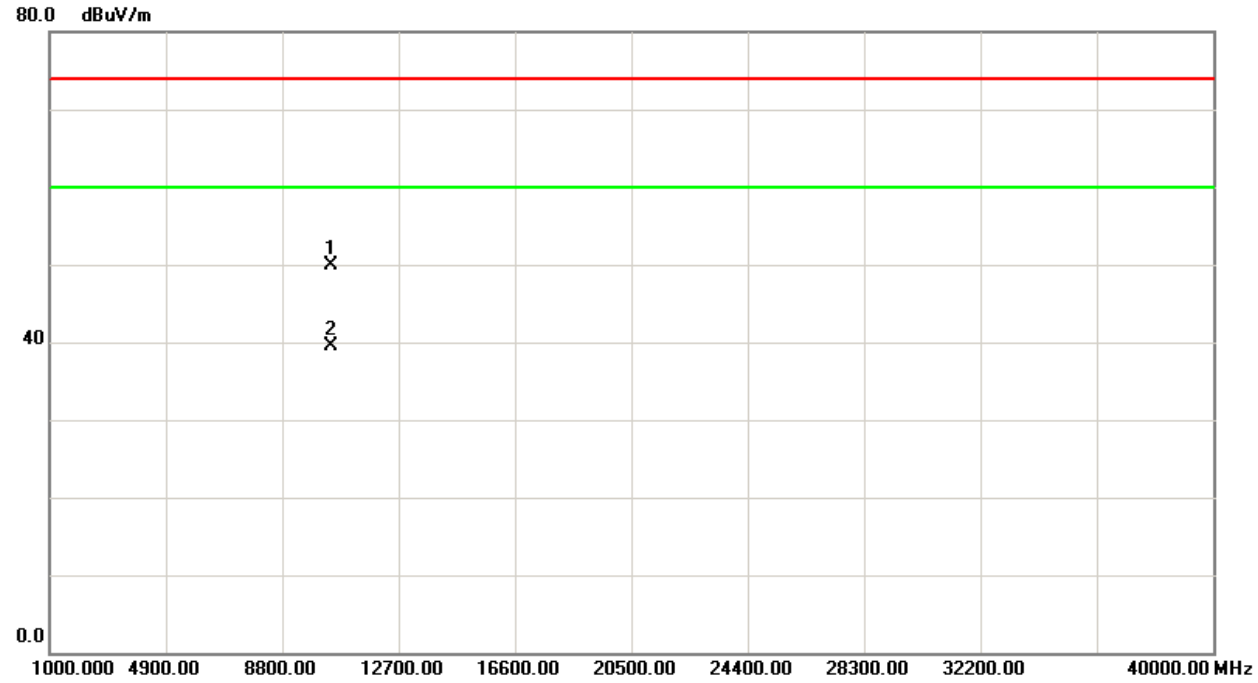
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5253.50	V	74.12	64.41	40.36	114.48	104.77	9.71	0.00					X/F
10519.87	V	38.68	27.62	13.90	52.58	41.52	-52.19	-63.25	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

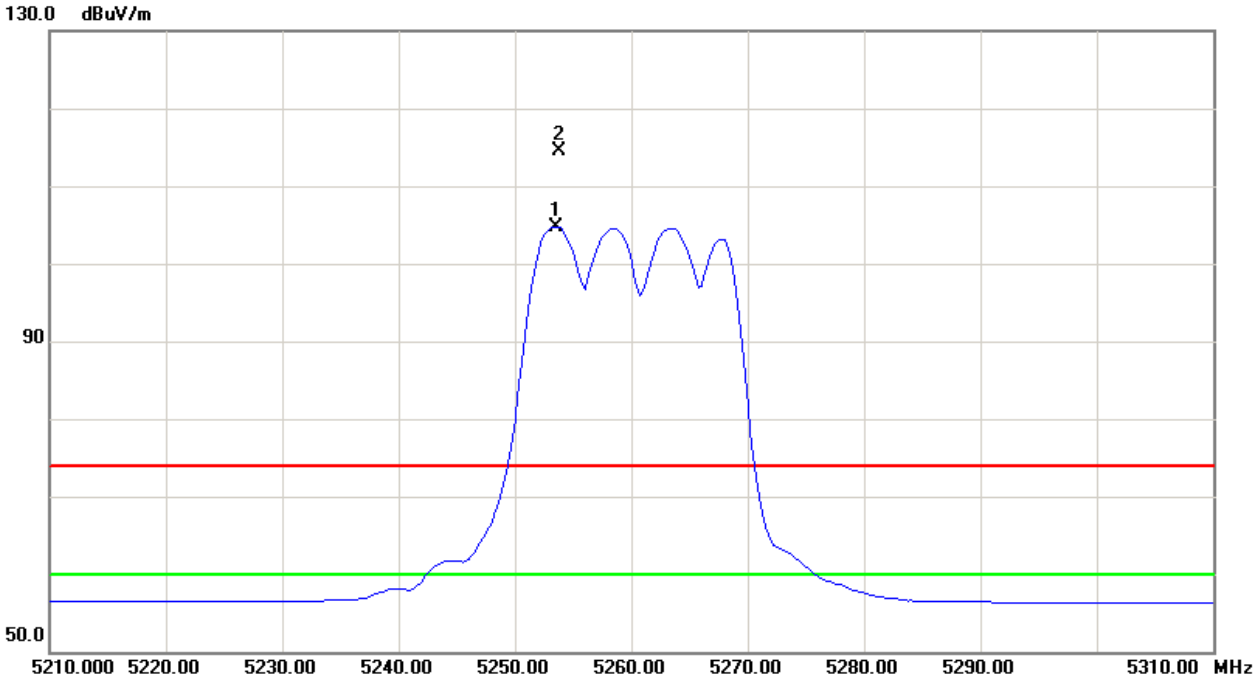
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

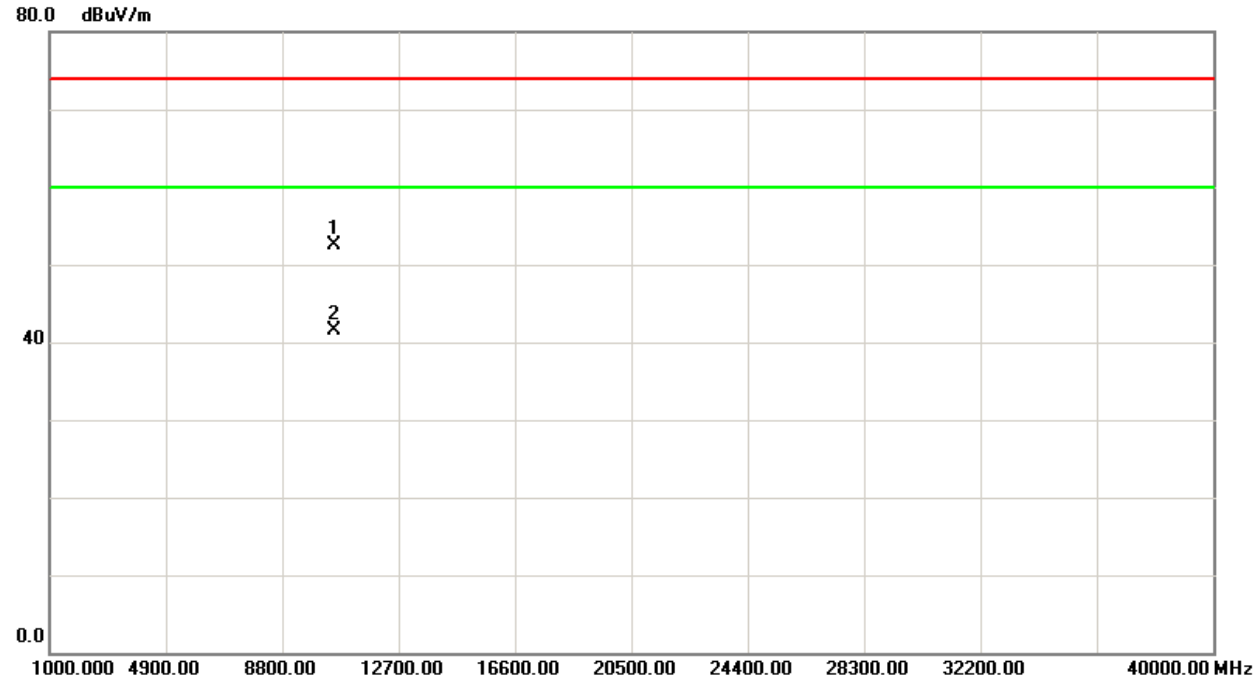
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5257.25	H	66.14	54.66	40.37	106.51	95.03	1.74	-9.74					X/F
10519.26	H	37.76	27.52	13.90	51.66	41.42	-53.11	-63.35	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

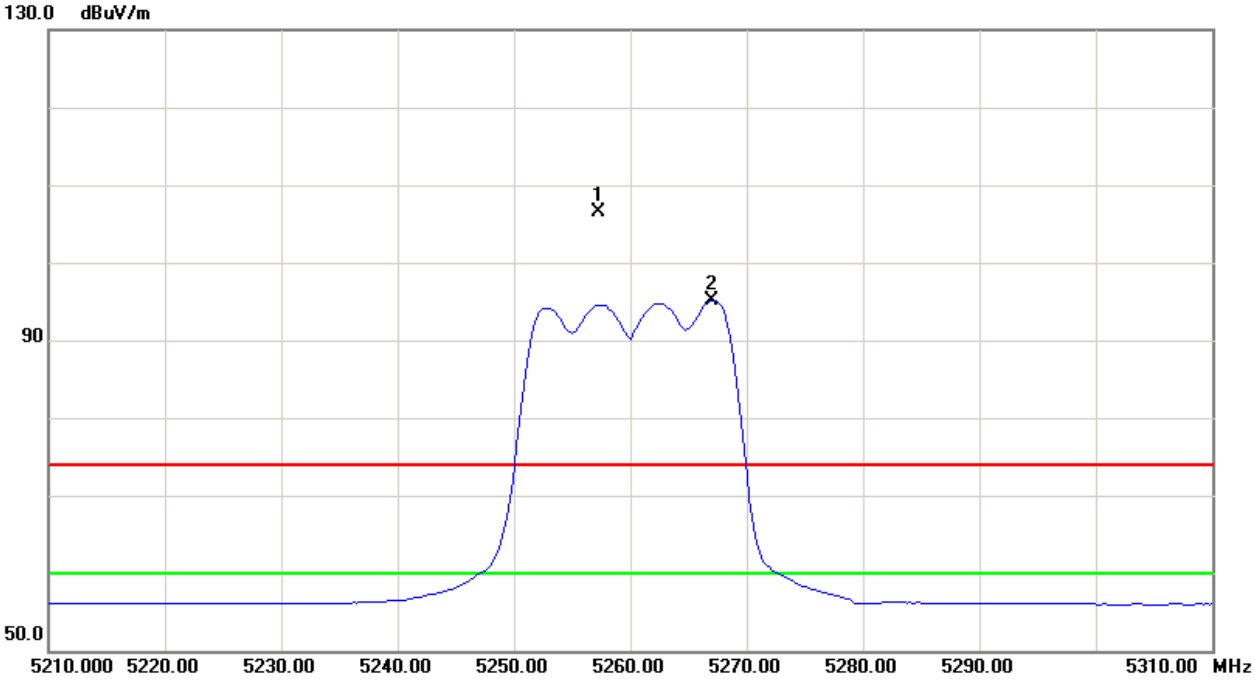
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

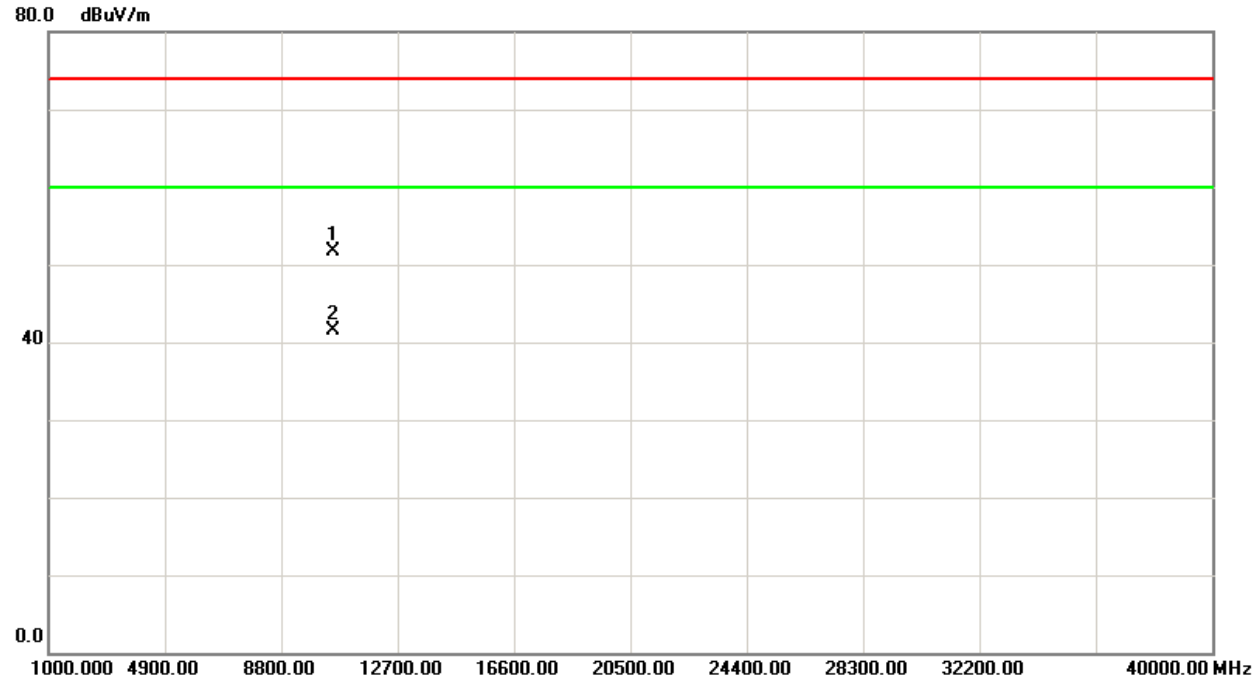
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5276.75	V	75.69	65.78	40.42	116.11	106.20	11.34	1.43					X/F
10560.14	V	39.36	27.98	13.90	53.26	41.88	-51.51	-62.89	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

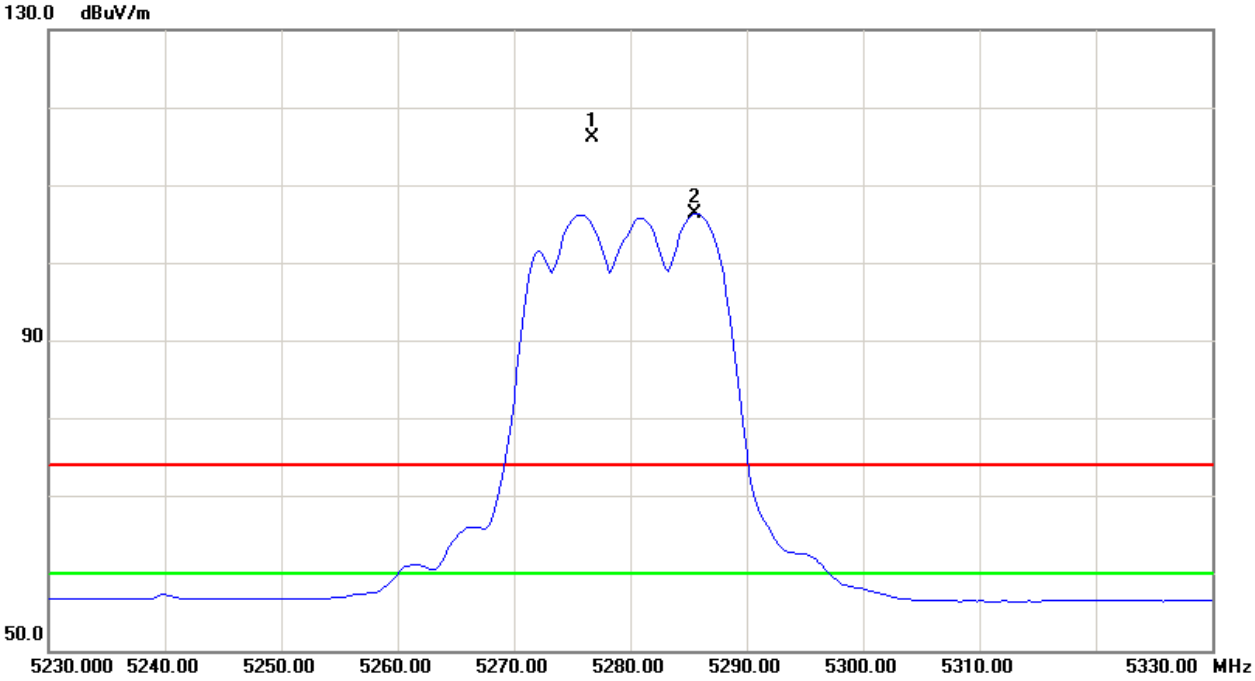
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

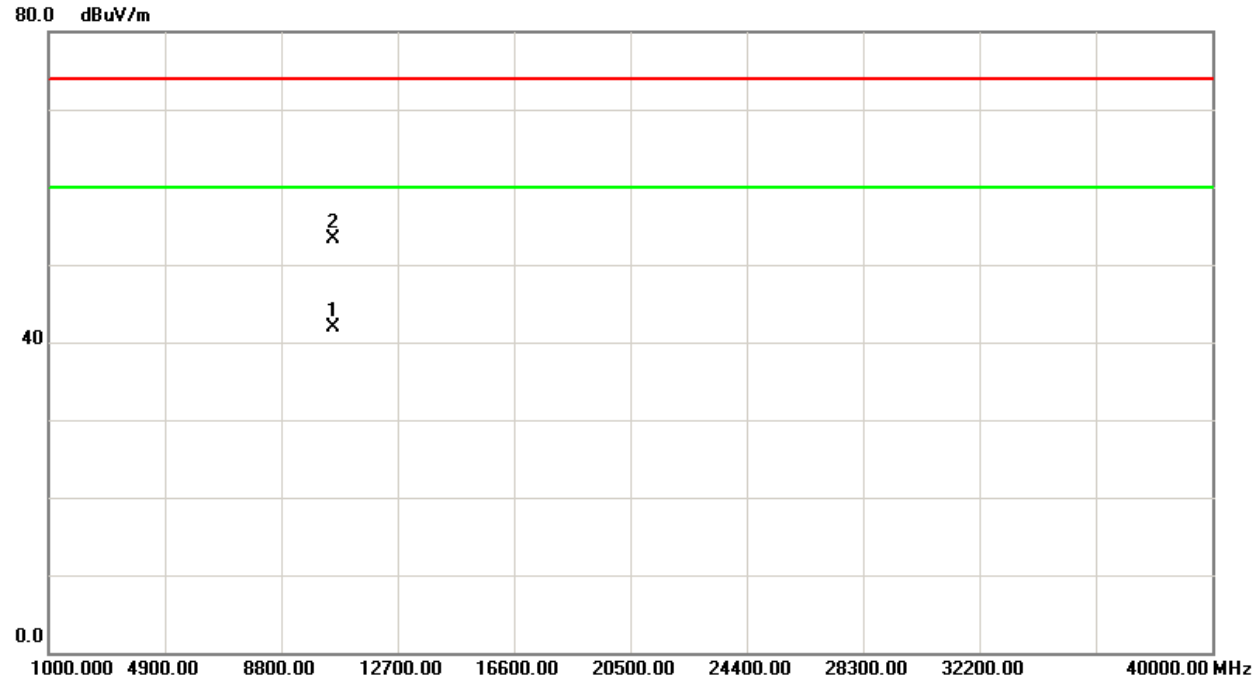
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5283.50	H	66.12	55.38	40.44	106.56	95.82	1.79	-8.95					X/F
10560.13	H	37.64	27.36	13.90	51.54	41.26	-53.23	-63.51	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

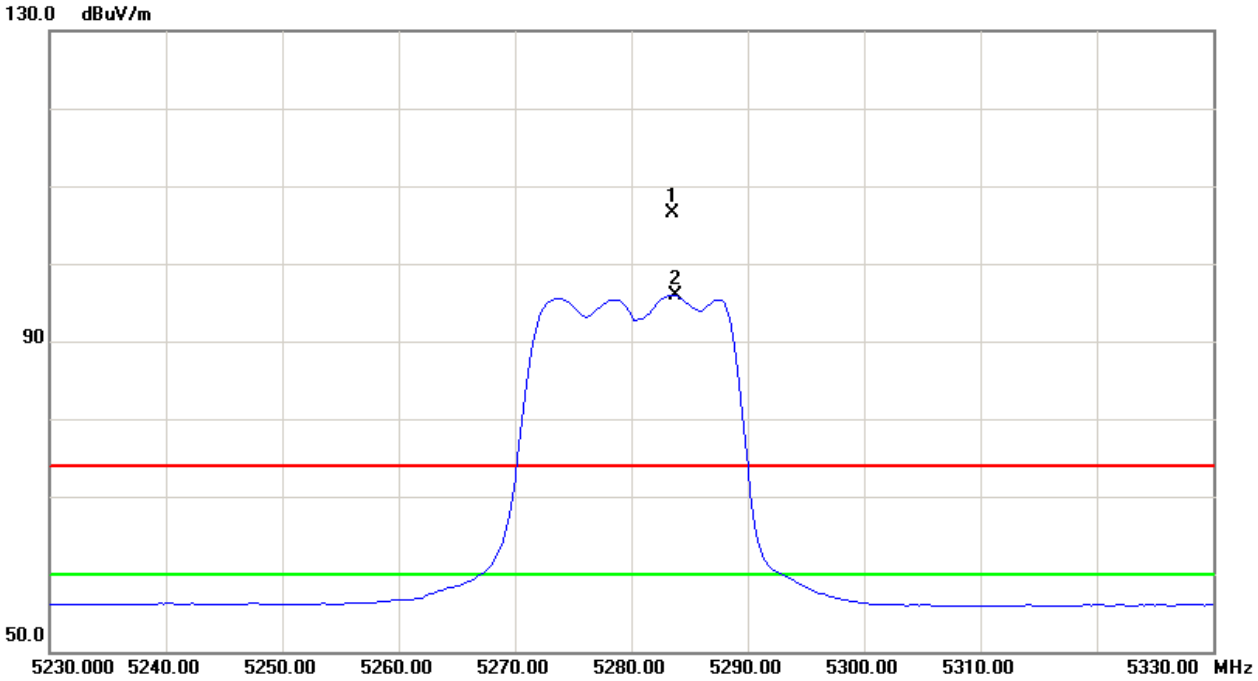
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

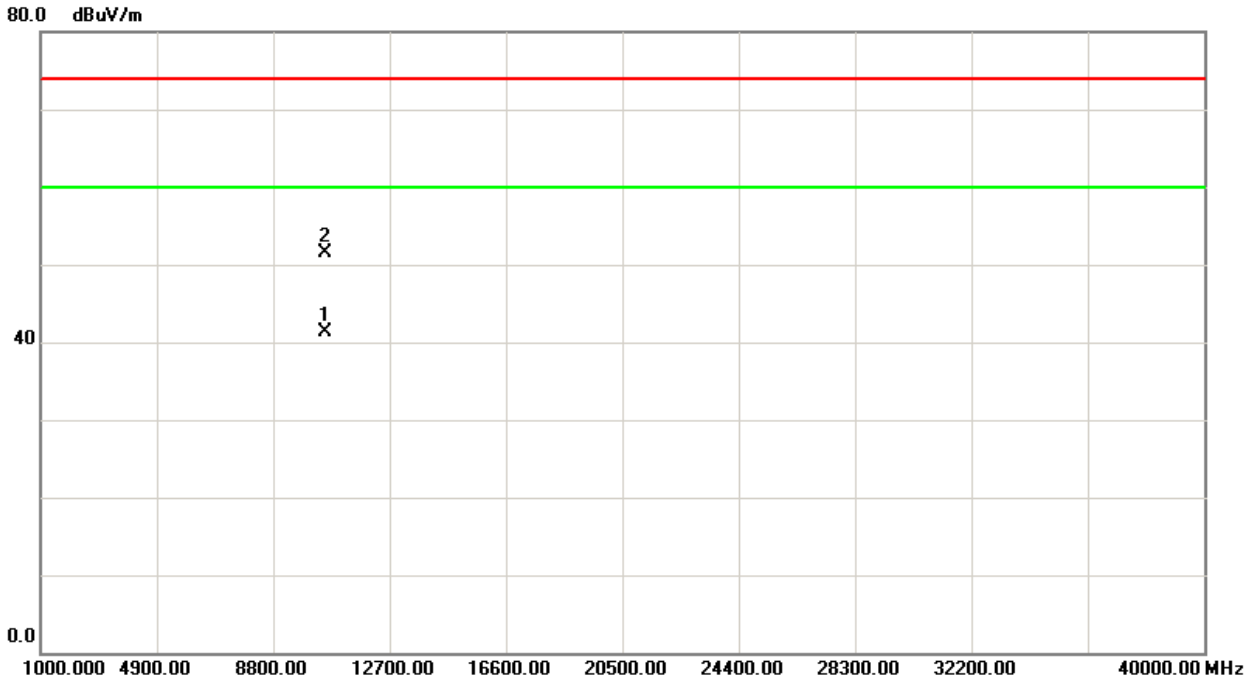
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5318.75	V	75.90	66.10	40.52	116.42	106.62	11.65	1.85					X/F
5350.00	V	27.64	15.96	40.61	68.25	56.57	-36.52	-48.20	80.00	60.00	-24.77	-44.77	X/E
10640.08	V	39.96	28.85	13.90	53.86	42.75	-50.91	-62.02	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

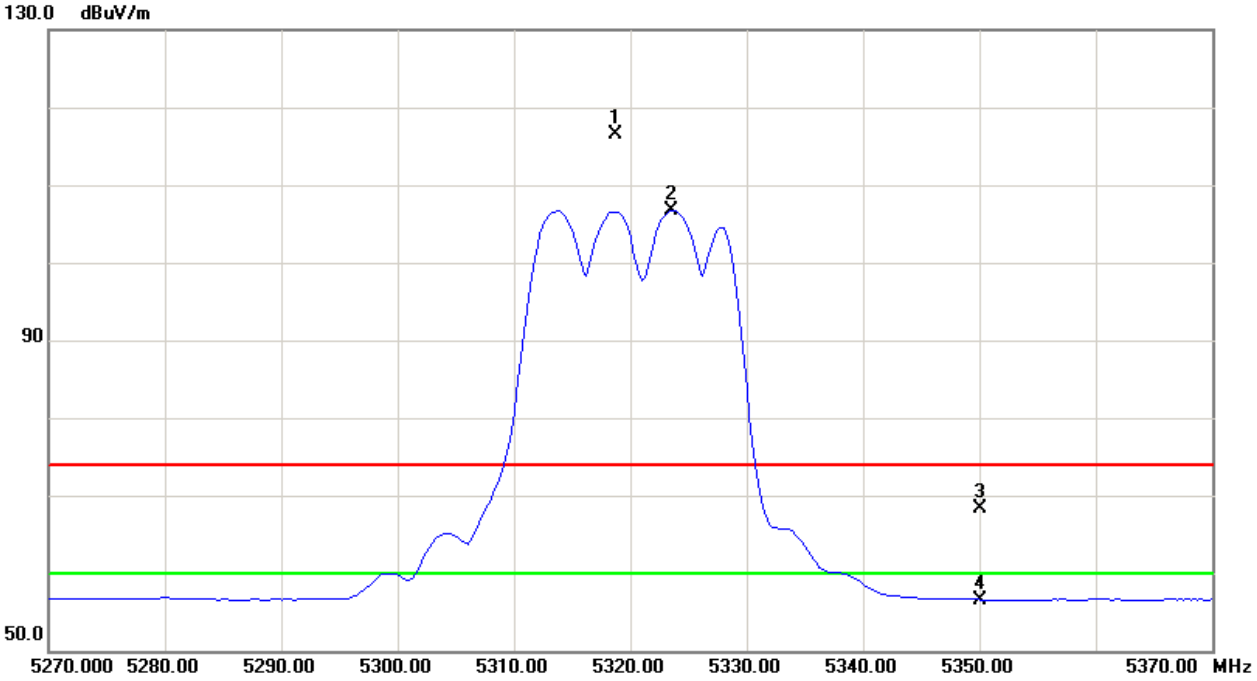
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

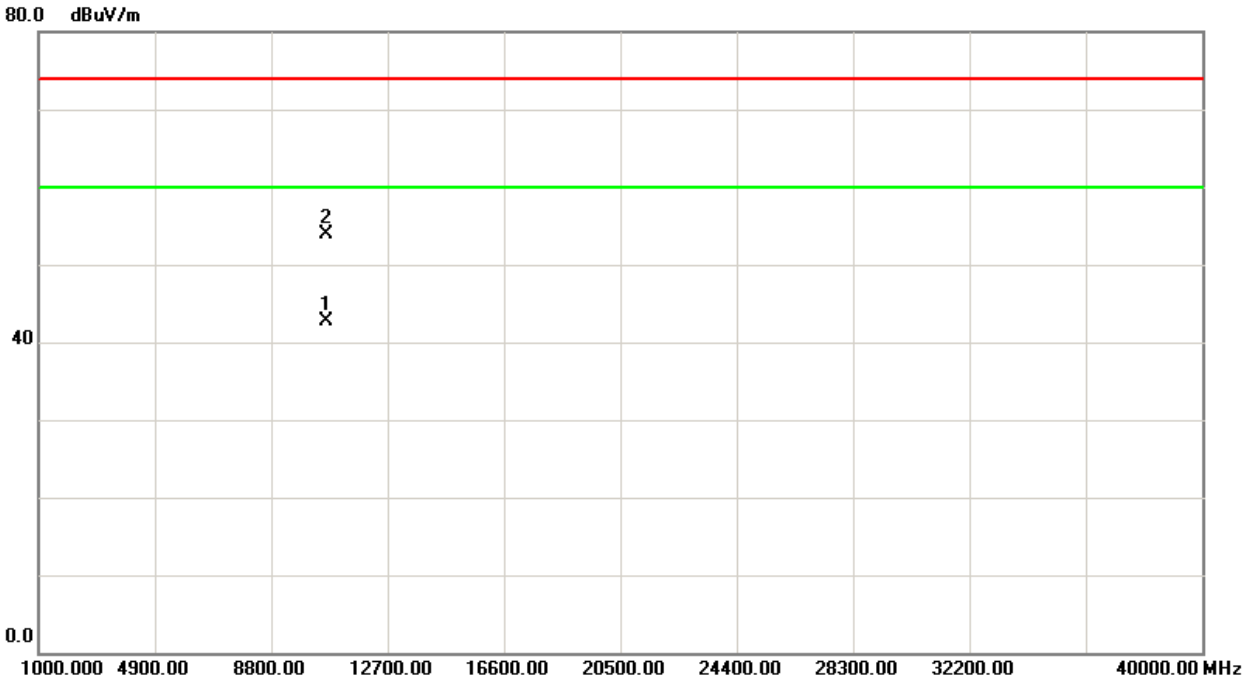
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5324.00	H	68.26	56.95	40.54	108.80	97.49	4.03	-7.28					X/F
5350.00	H	26.95	15.52	40.61	67.56	56.13	-37.21	-48.64	80.00	60.00	-24.77	-44.77	X/E
10640.04	H	38.66	27.51	13.90	52.56	41.41	-52.21	-63.36	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

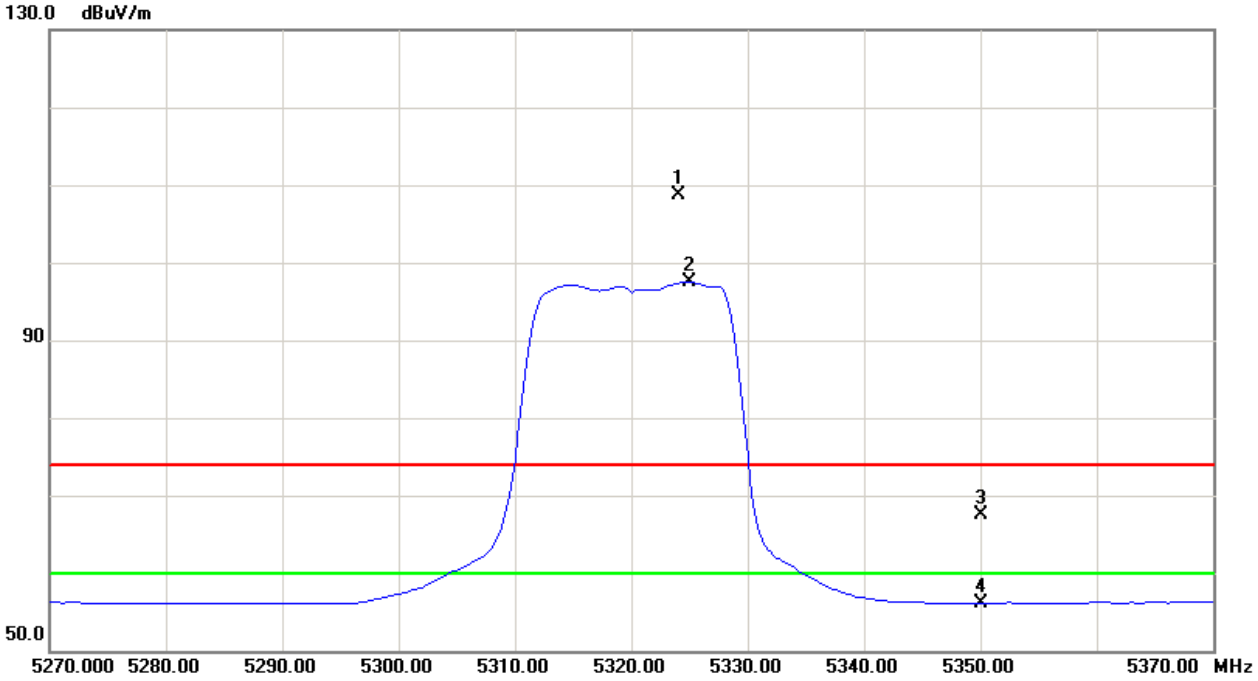
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

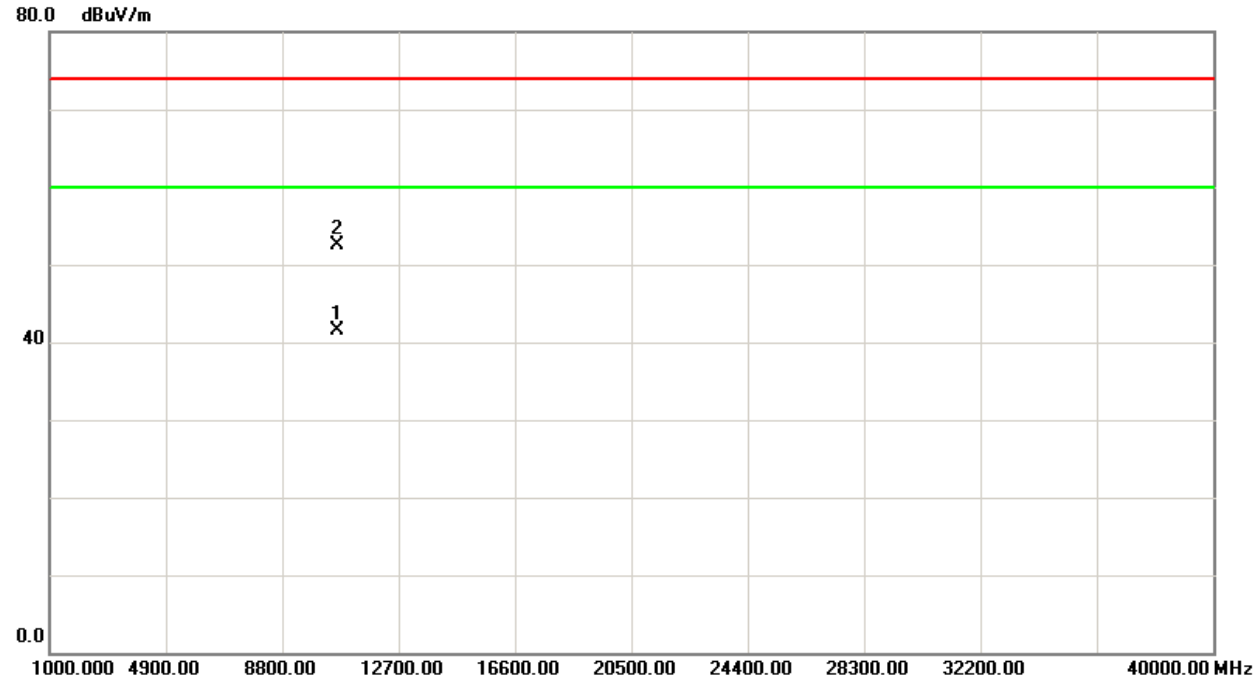
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5253.60	V	74.51	63.11	40.36	114.87	103.47	10.10	-1.30					X/F
10519.82	V	38.72	27.46	13.90	52.62	41.36	-52.15	-63.41	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

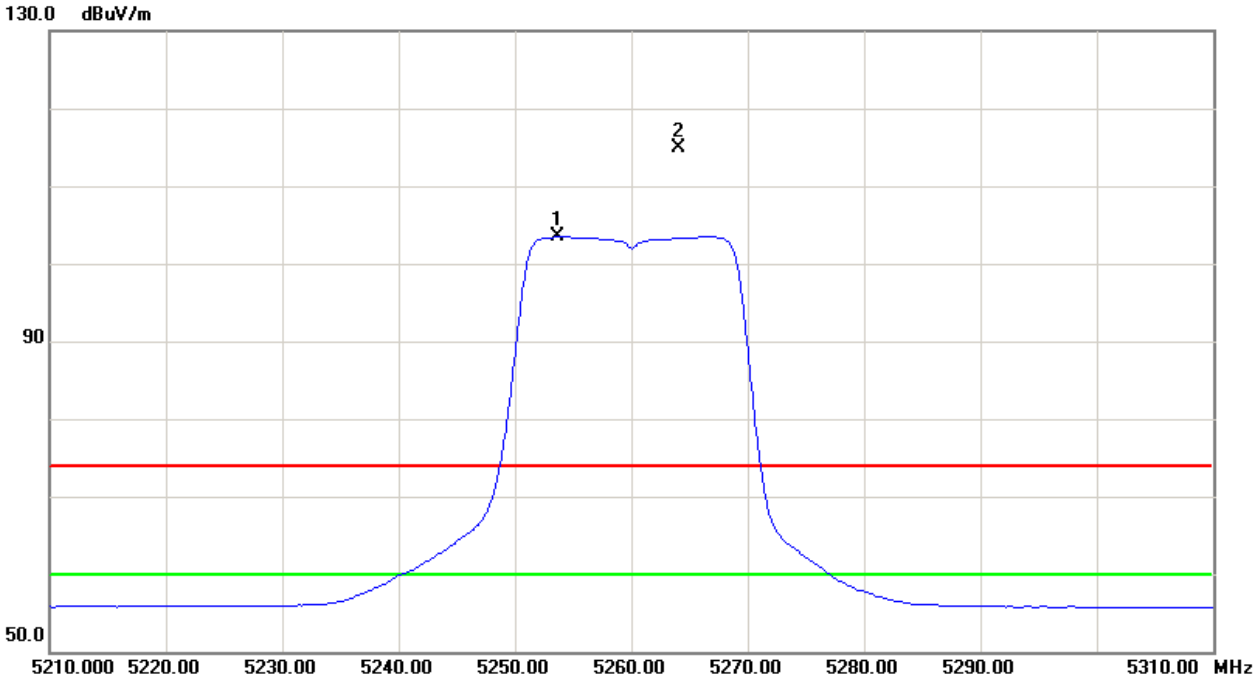
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

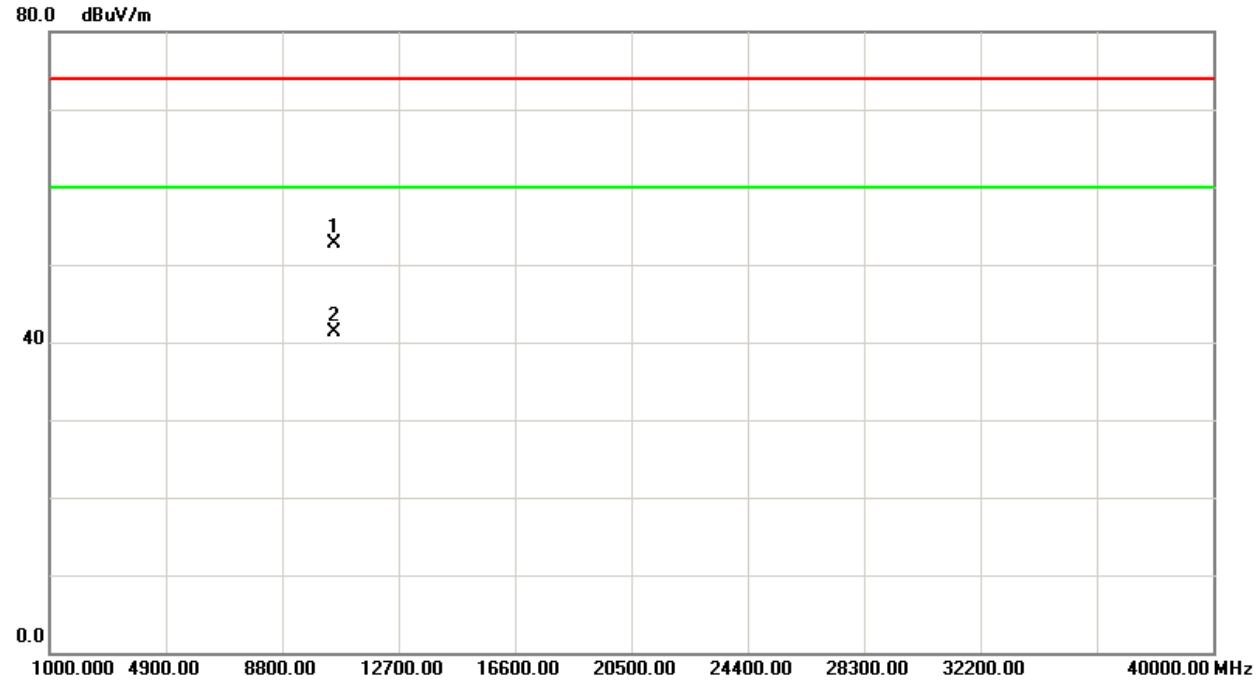
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5264.00	H	66.24	54.64	40.39	106.63	95.03	1.86	-9.74					X/F
10520.18	H	37.26	27.48	13.90	51.16	41.38	-53.61	-63.39	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

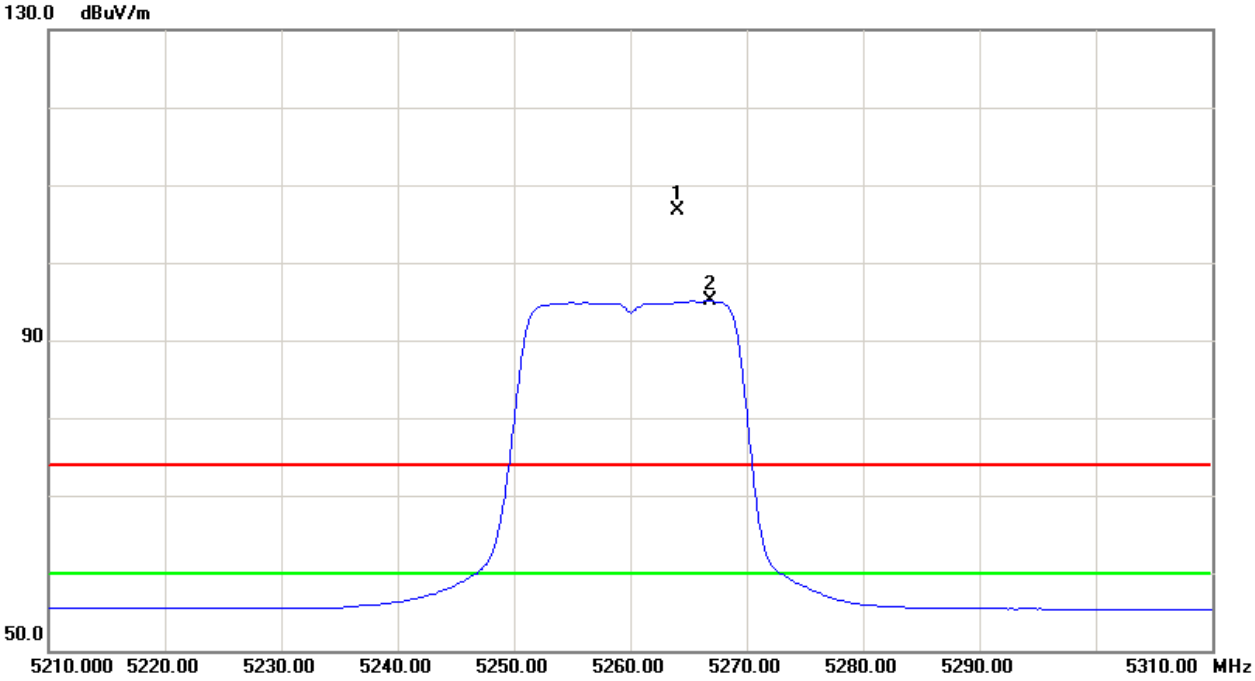
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

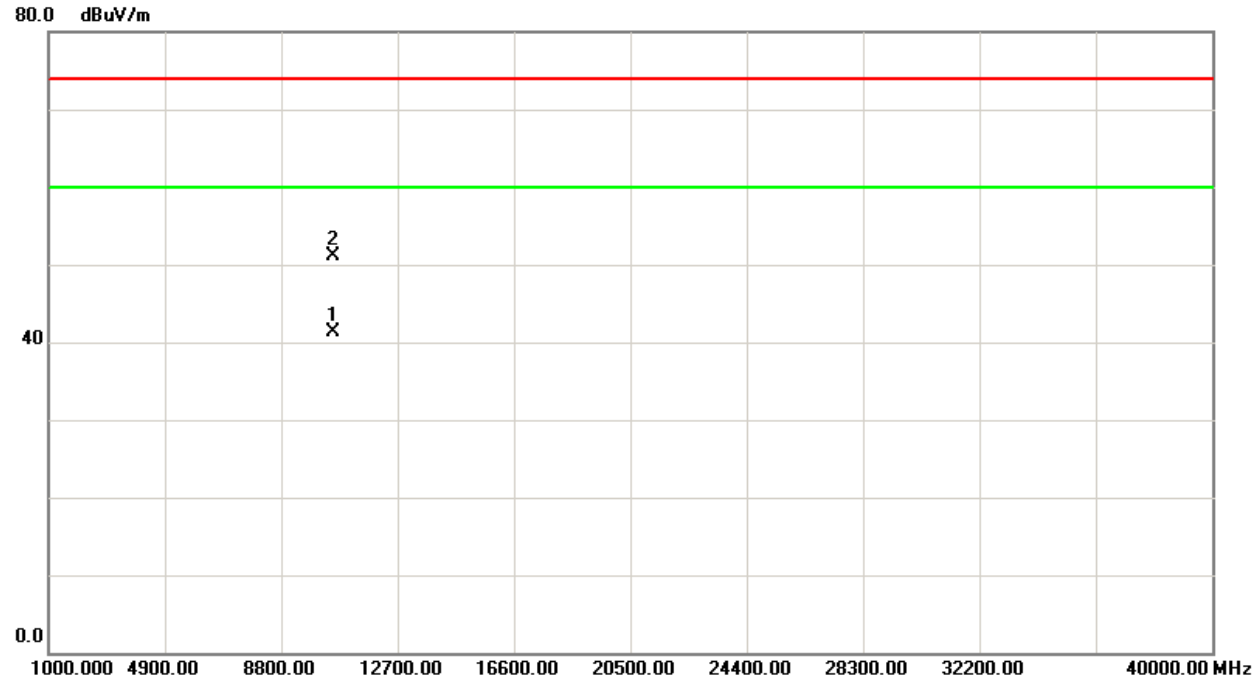
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5285.00	V	74.13	62.87	40.44	114.57	103.31	9.80	-1.46					X/F
10560.25	V	39.56	28.06	13.90	53.46	41.96	-51.31	-62.81	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

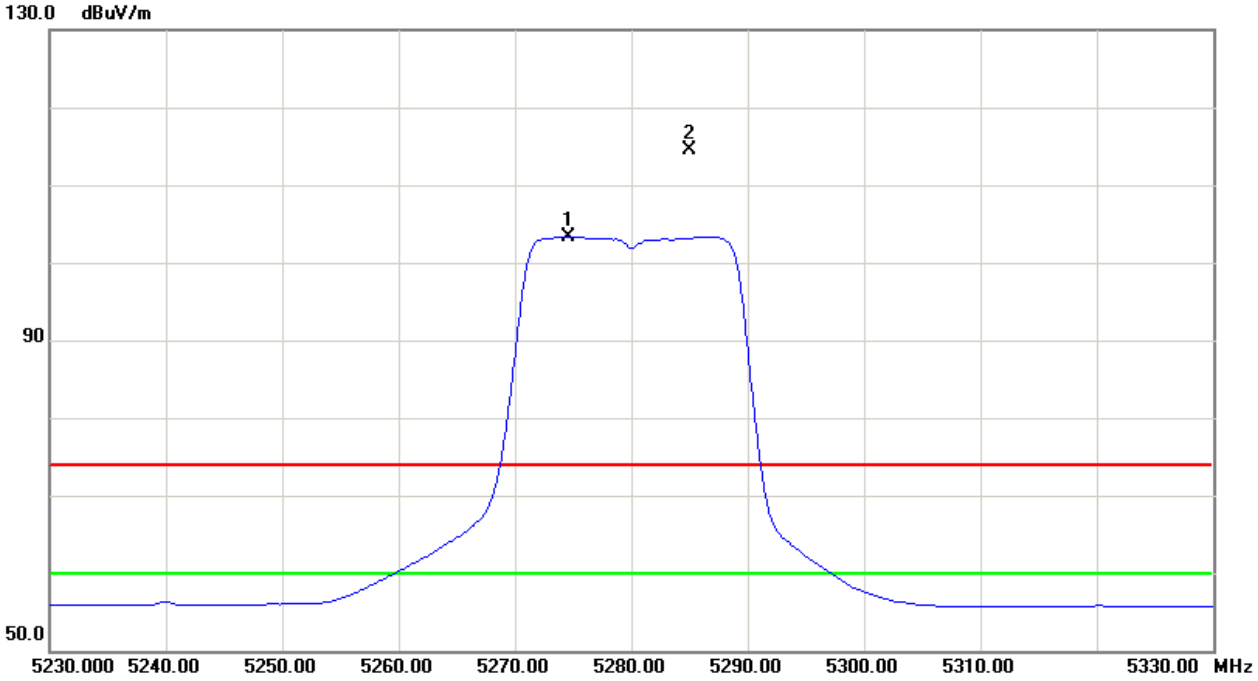
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

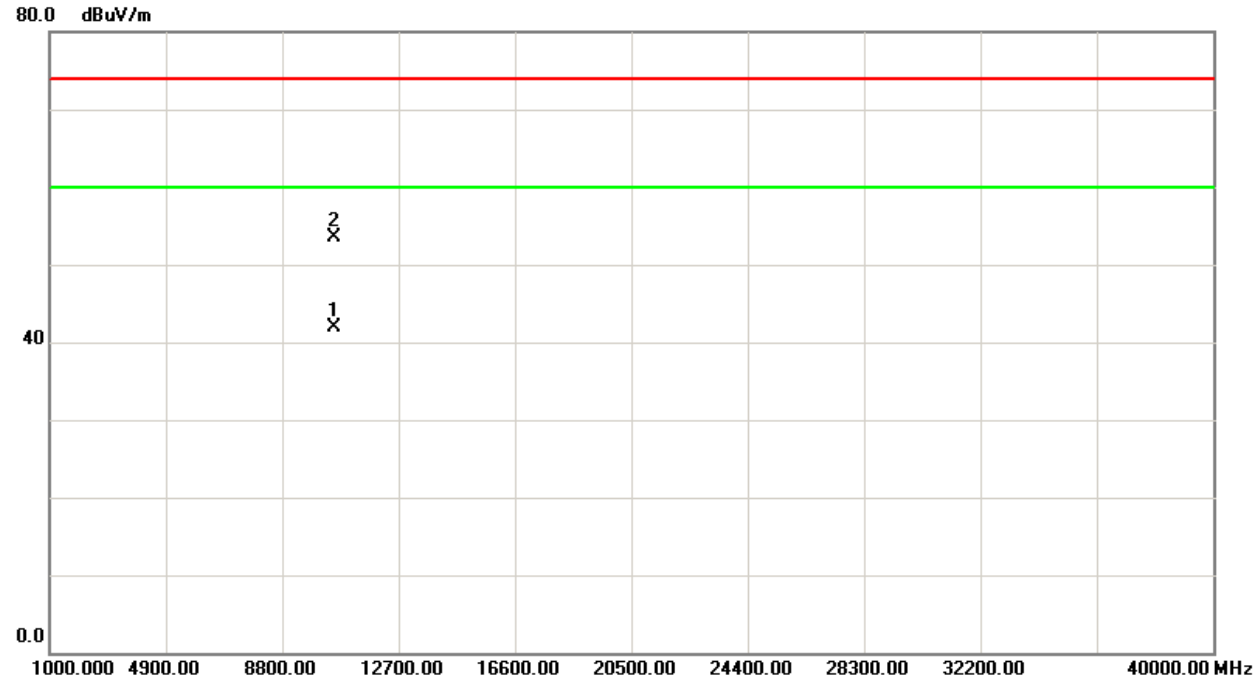
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5272.60	H	67.07	56.07	40.41	107.48	96.48	2.71	-8.29					X/F
10560.15	H	37.73	27.28	13.90	51.63	41.18	-53.14	-63.59	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

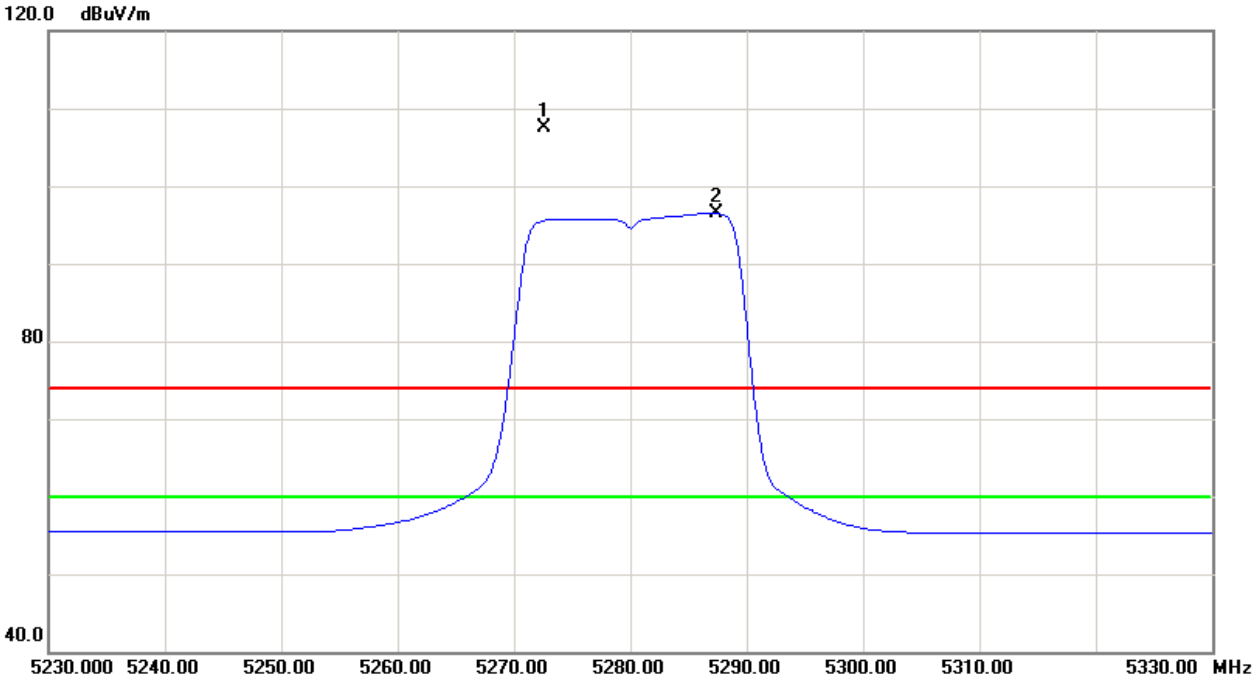
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

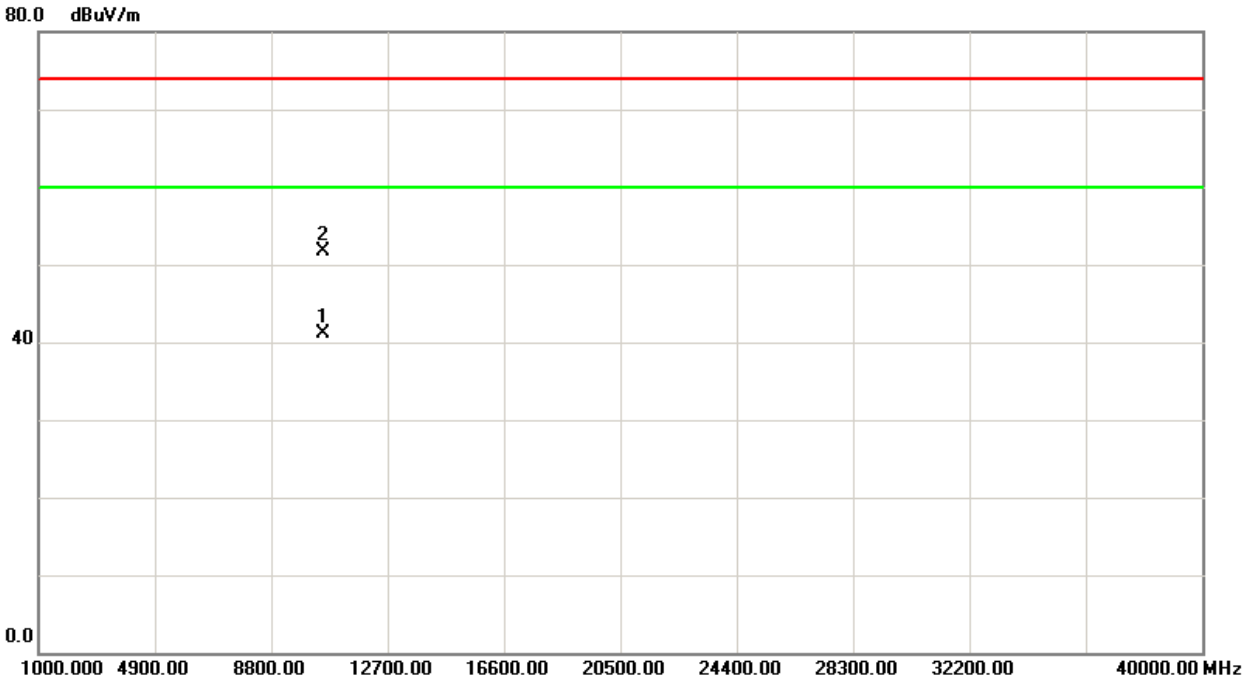
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5325.80	V	74.81	63.11	40.55	115.36	103.66	10.59	-1.11					X/F
5350.00	V	26.50	15.18	40.61	67.11	55.79	-37.66	-48.98	80.00	60.00	-24.77	-44.77	X/E
10640.15	V	40.01	28.42	13.90	53.91	42.32	-50.86	-62.45	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

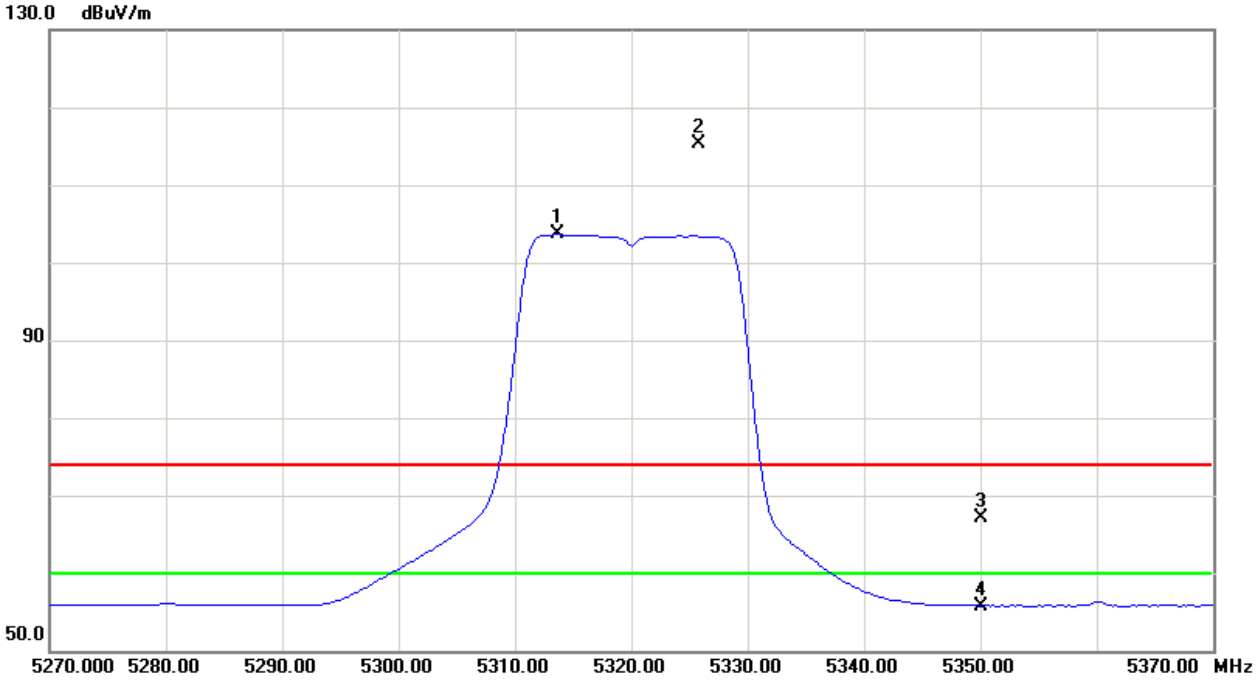
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

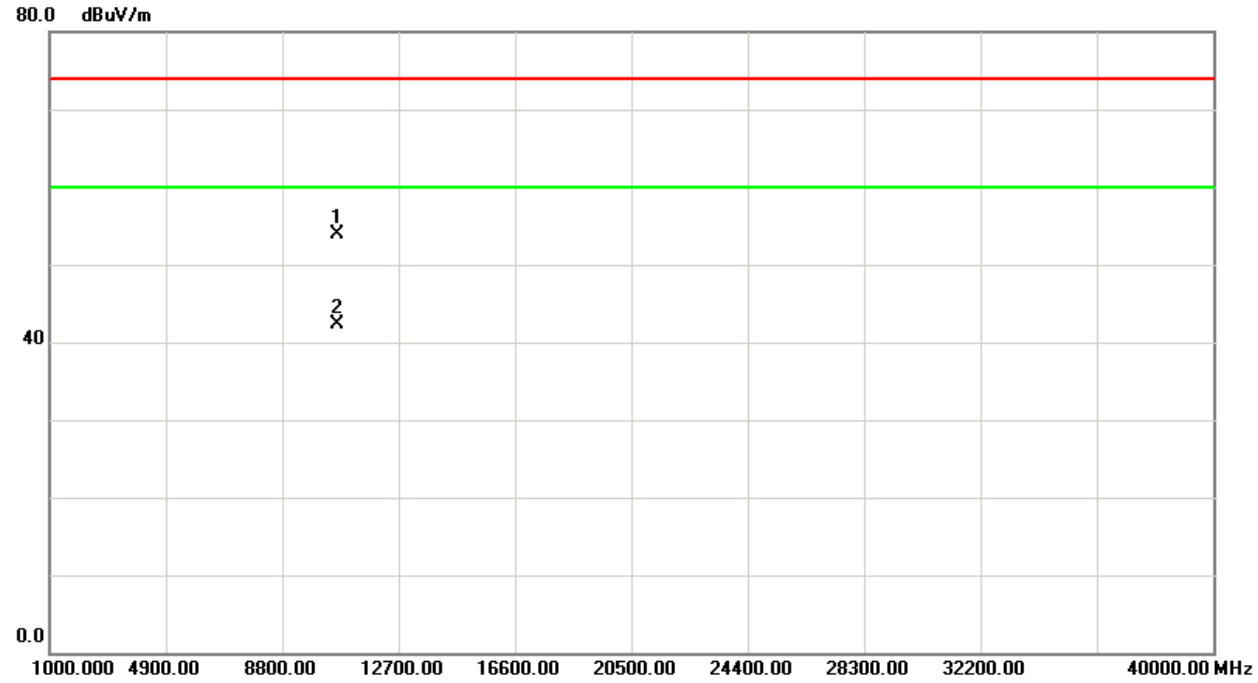
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5325.00	H	68.41	56.92	40.55	108.96	97.47	4.19	-7.30					X/F
5350.00	H	27.03	14.87	40.61	67.64	55.48	-37.13	-49.29	80.00	60.00	-24.77	-44.77	X/E
10640.28	H	38.21	27.40	13.90	52.11	41.30	-52.66	-63.47	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

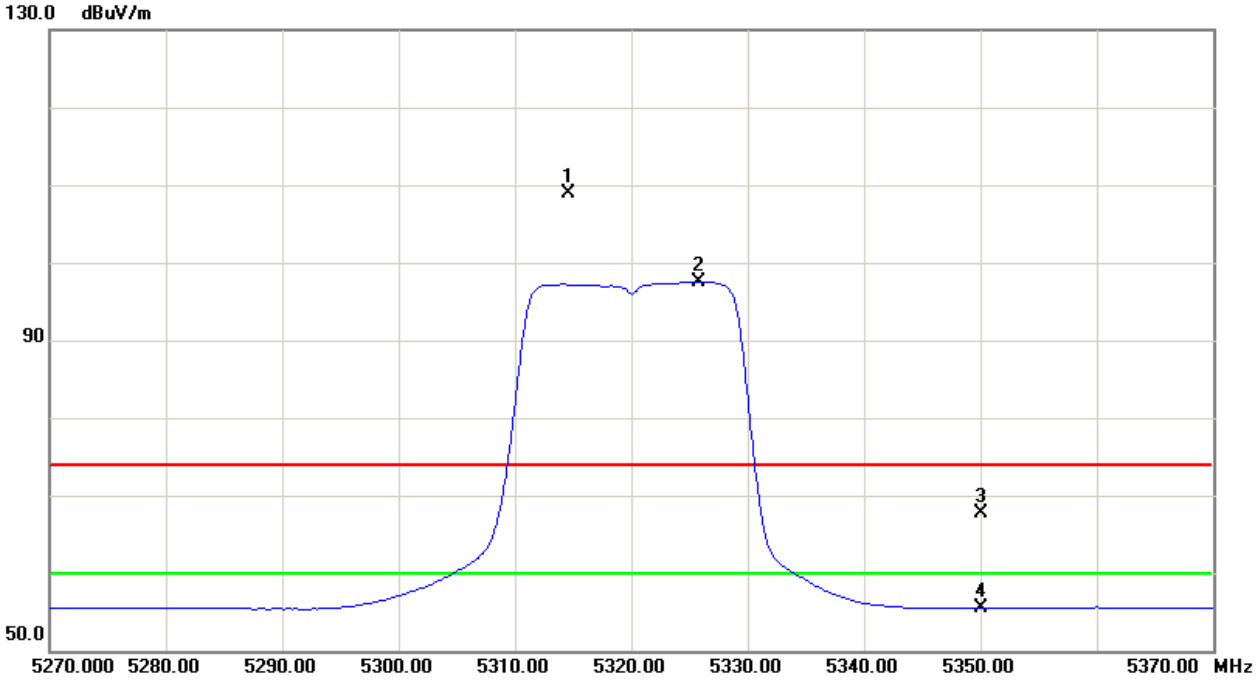
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

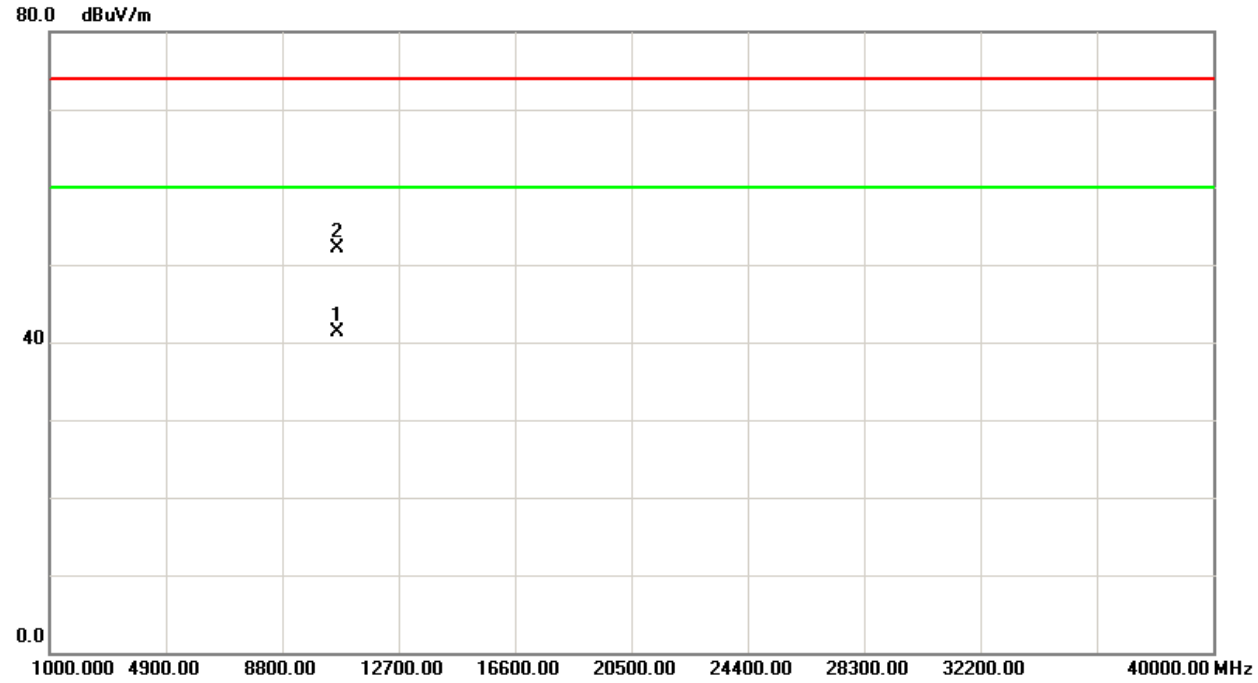
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5255.20	V	71.47	60.64	40.36	111.83	101.00	7.06	-3.77					X/F
10539.82	V	37.06	26.24	13.90	50.96	40.14	-53.81	-64.63	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

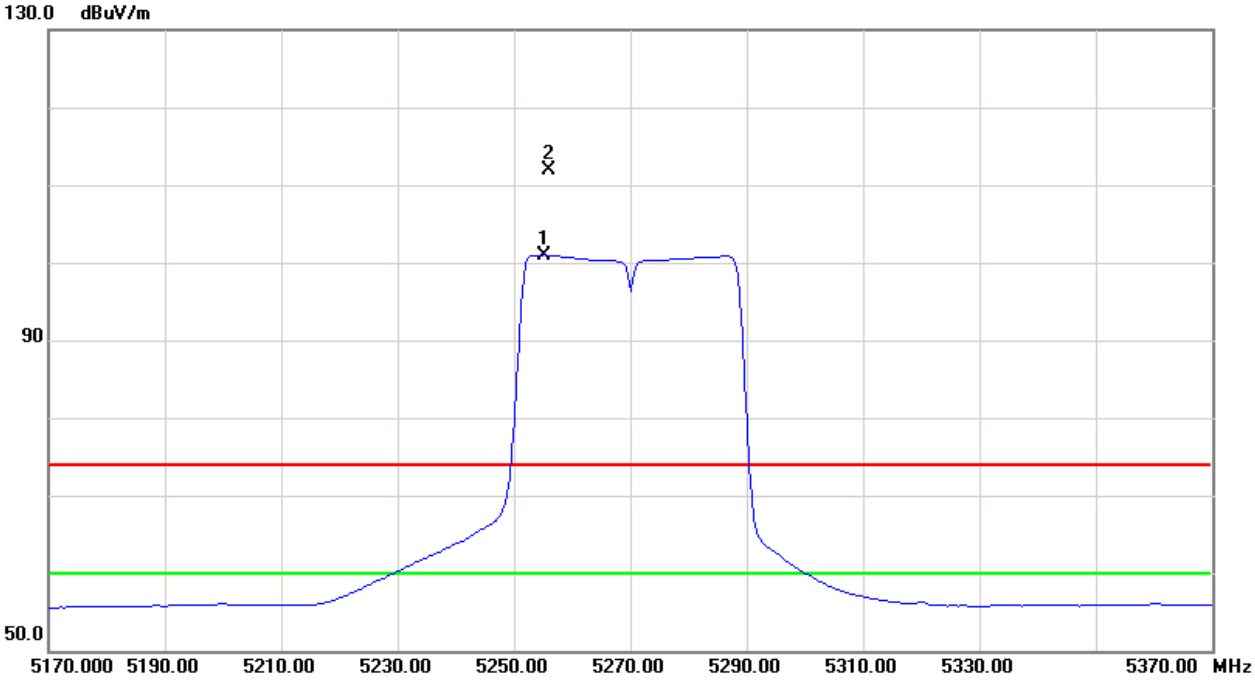
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

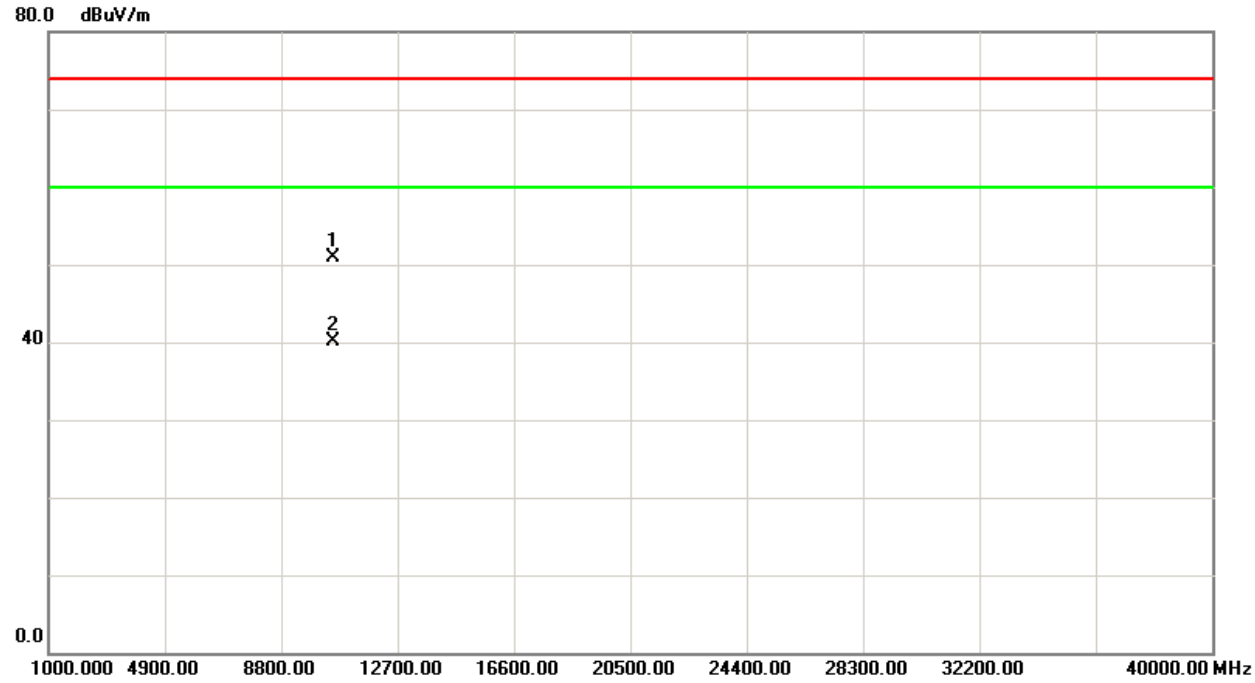
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5283.60	H	63.97	52.77	40.44	104.41	93.21	-0.36	-11.56					X/F
10540.26	H	35.35	25.96	13.90	49.25	39.86	-55.52	-64.91	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

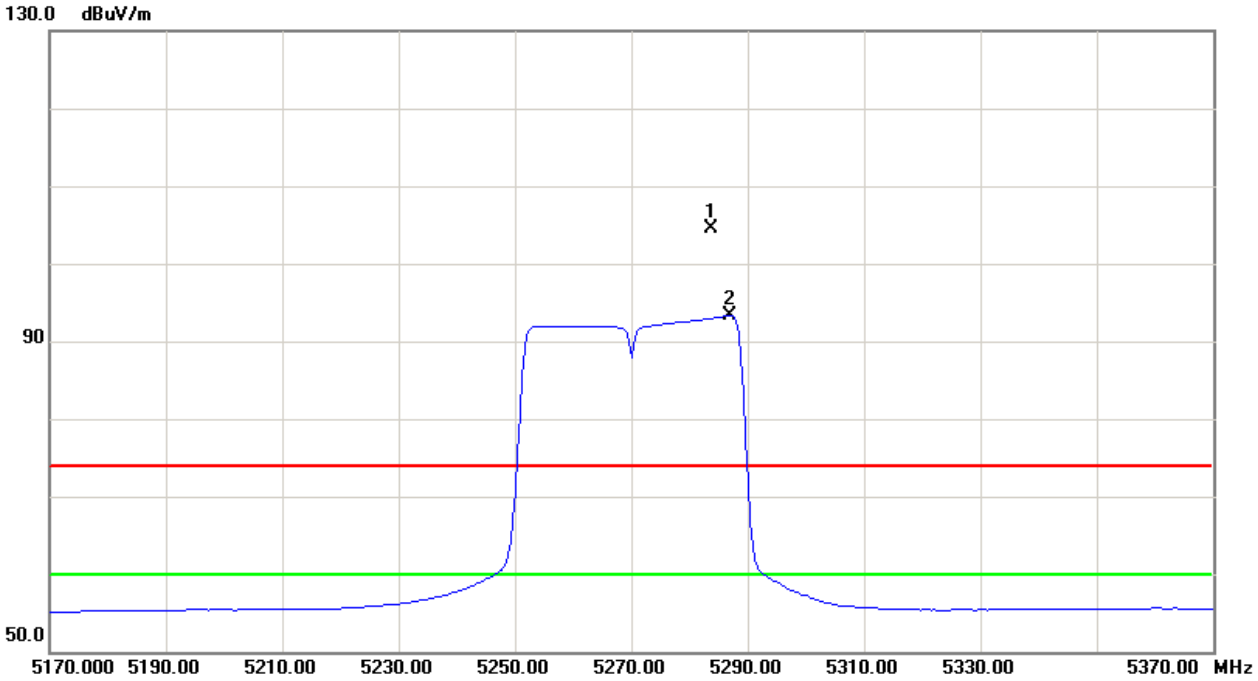
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

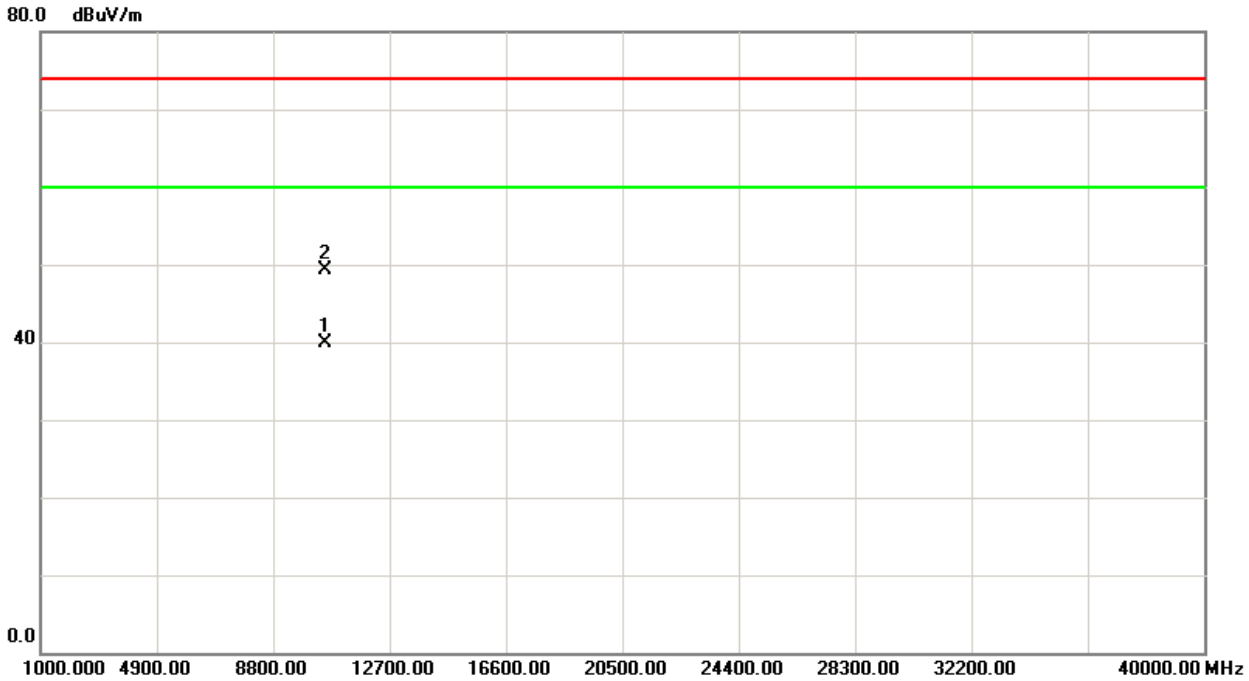
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5297.60	V	67.29	56.15	40.48	107.77	96.63	3.00	-8.14					X/F
5350.00	V	26.62	15.47	40.61	67.23	56.08	-37.54	-48.69	80.00	60.00	-24.77	-44.77	X/E
10620.16	V	37.31	27.92	13.90	51.21	41.82	-53.56	-62.95	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

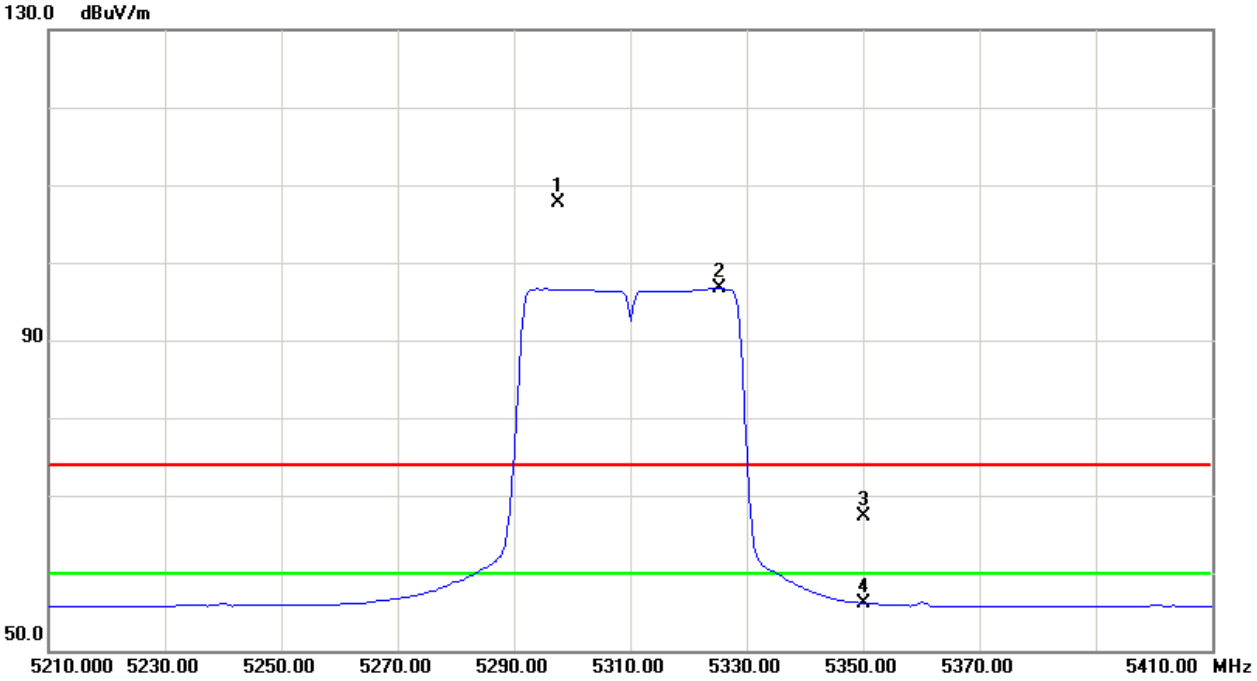
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

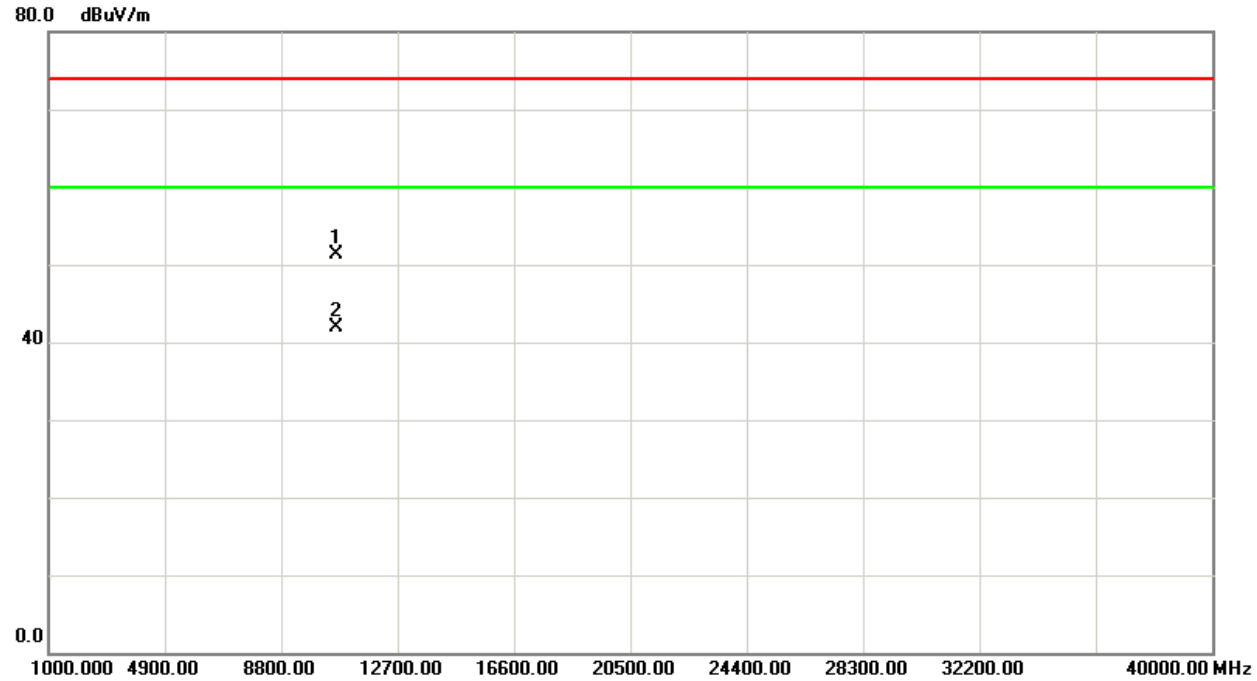
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5324.00	H	61.48	50.89	40.54	102.02	91.43	-2.75	-13.34					X/F
5350.00	H	26.40	14.94	40.61	67.01	55.55	-37.76	-49.22	80.00	60.00	-24.77	-44.77	X/E
1062.17	H	36.11	26.49	13.90	50.01	40.39	-54.76	-64.38	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

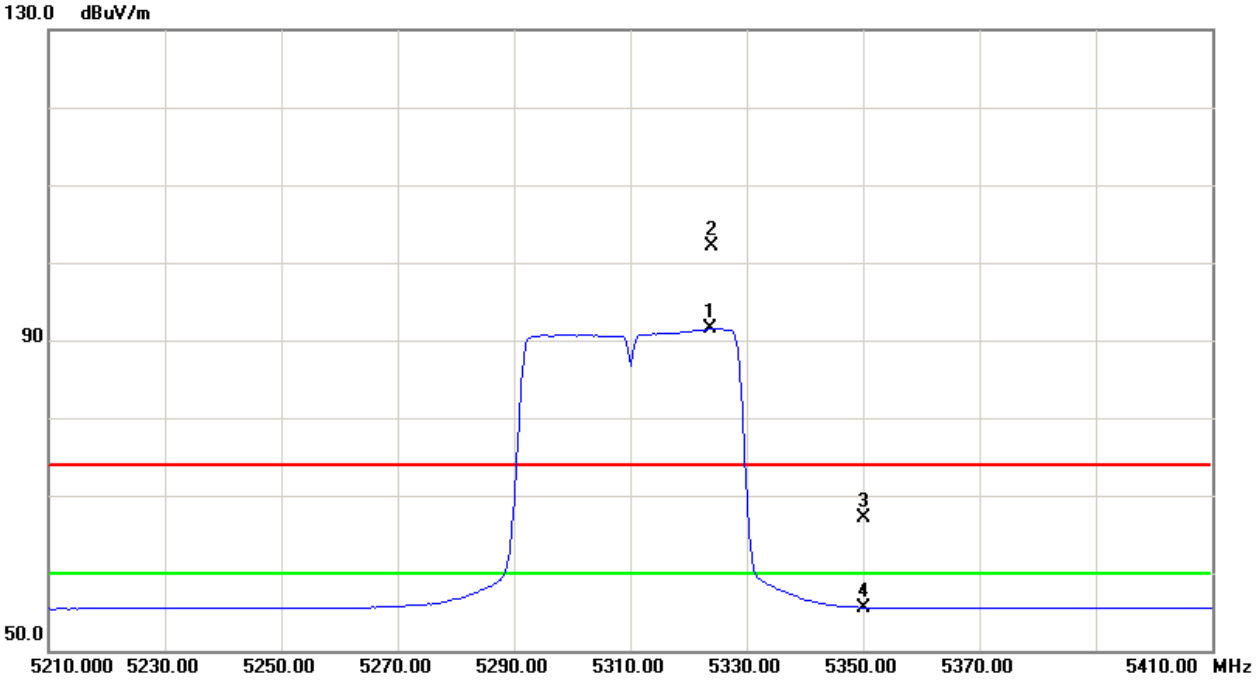
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

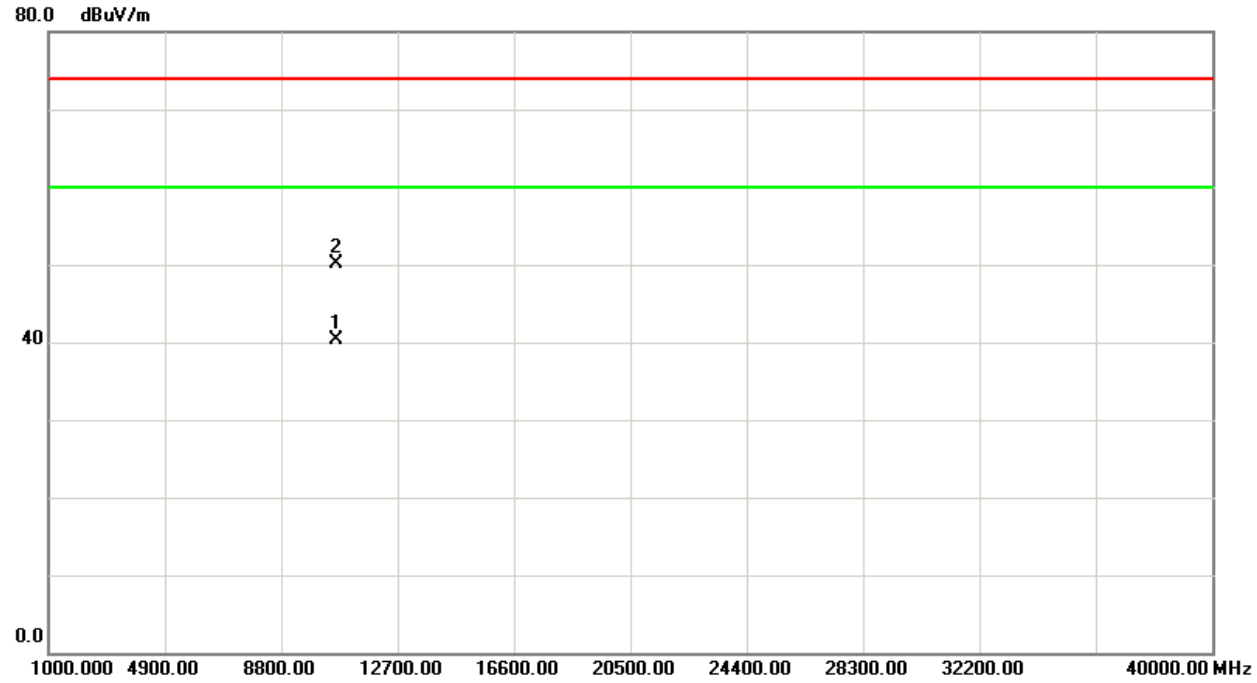
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	25.44	15.40	40.90	66.34	56.30	-38.43	-48.47	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	26.20	15.31	40.93	67.13	56.24	-37.64	-48.53	74.30		-27.00		X/E
5506.75	V	74.74	65.38	41.02	115.76	106.40	10.99	1.63					X/F
11000.24	V	39.30	27.99	13.93	53.23	41.92	-51.54	-62.85	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

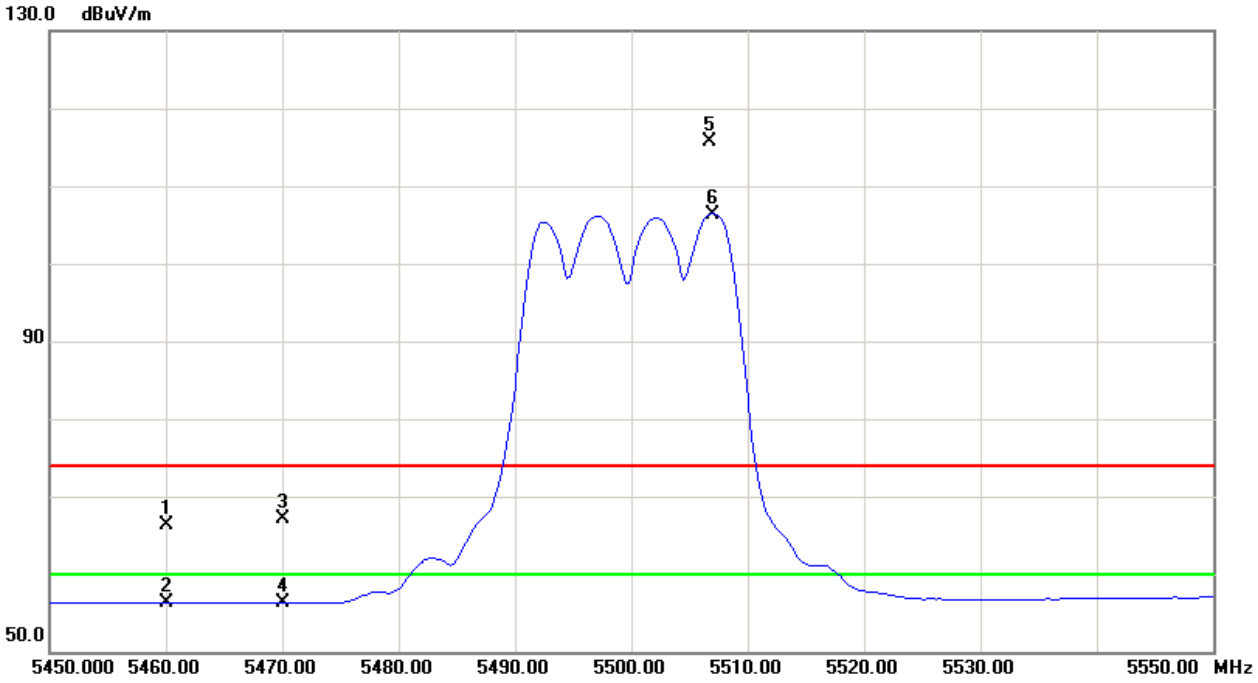
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

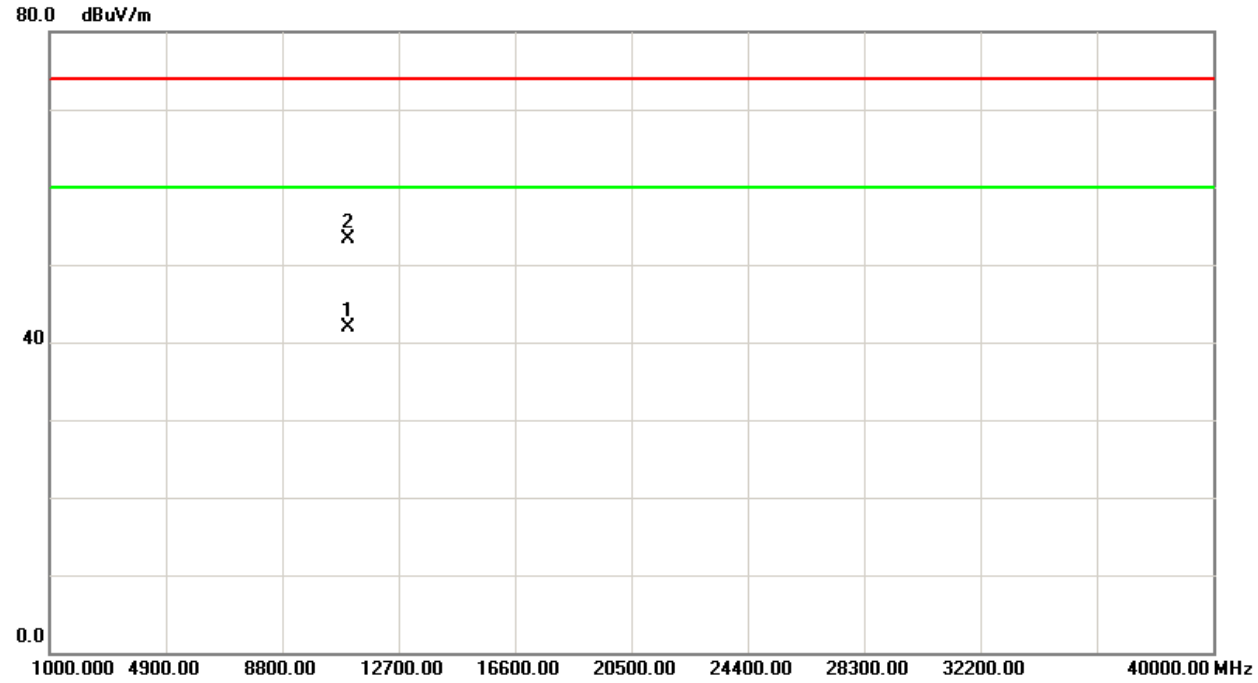
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	25.12	15.05	40.90	66.02	55.95	-38.75	-48.82	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	25.65	14.91	40.93	66.58	55.84	-38.19	-48.93	74.30		-27.00		X/E
5493.00	H	65.97	56.41	40.98	106.95	97.39	2.18	-7.38					X/F
11000.06	H	38.03	27.92	13.93	51.96	41.85	-52.81	-62.92	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

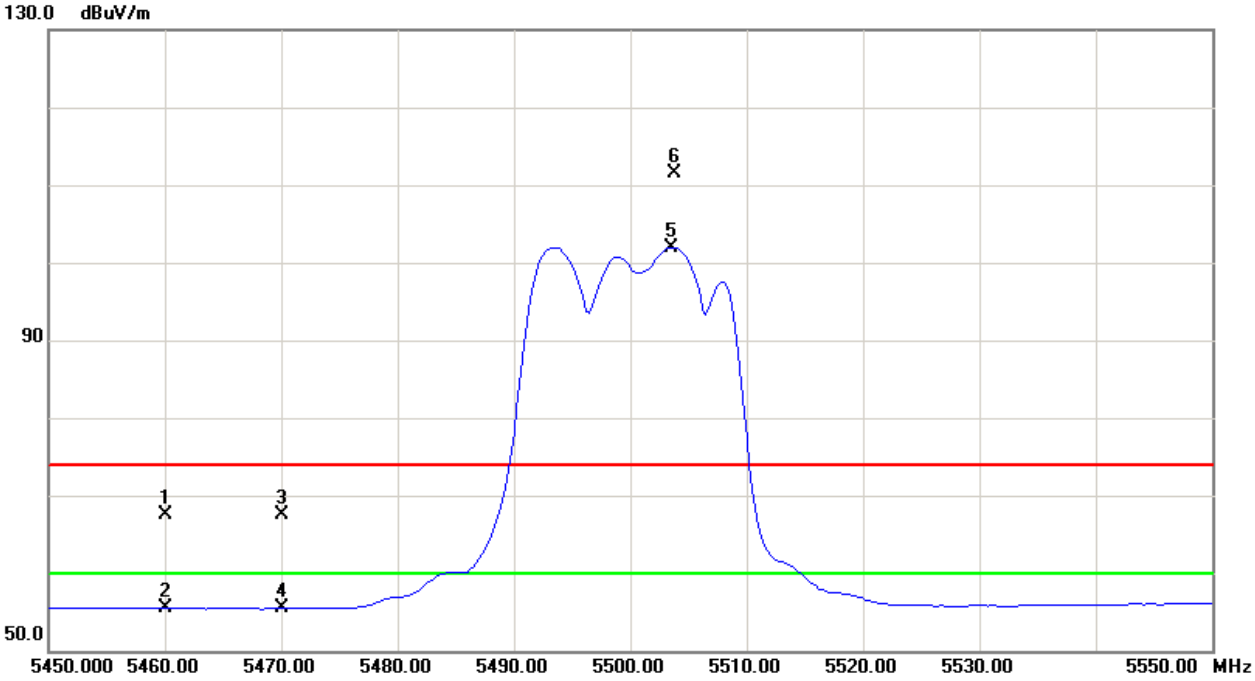
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

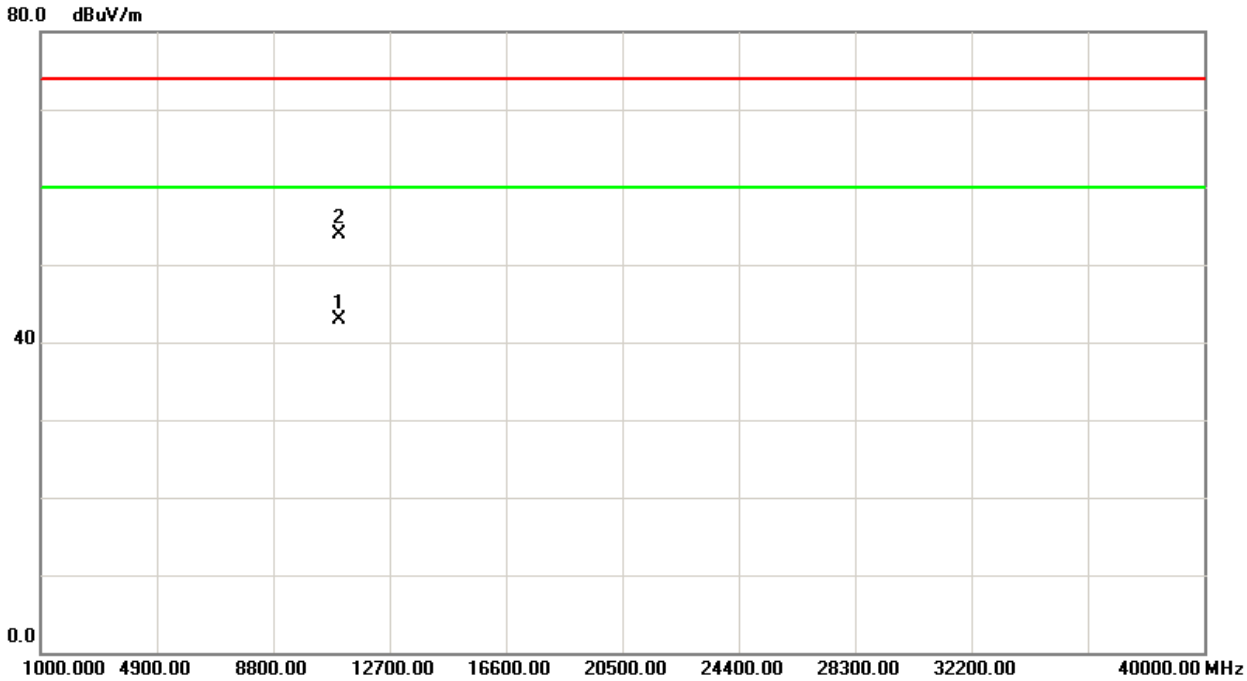
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5584.25	V	69.74	60.04	41.34	111.08	101.38	6.31	-3.39					X/F
11160.25	V	39.17	28.01	14.04	53.21	42.05	-51.56	-62.72	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

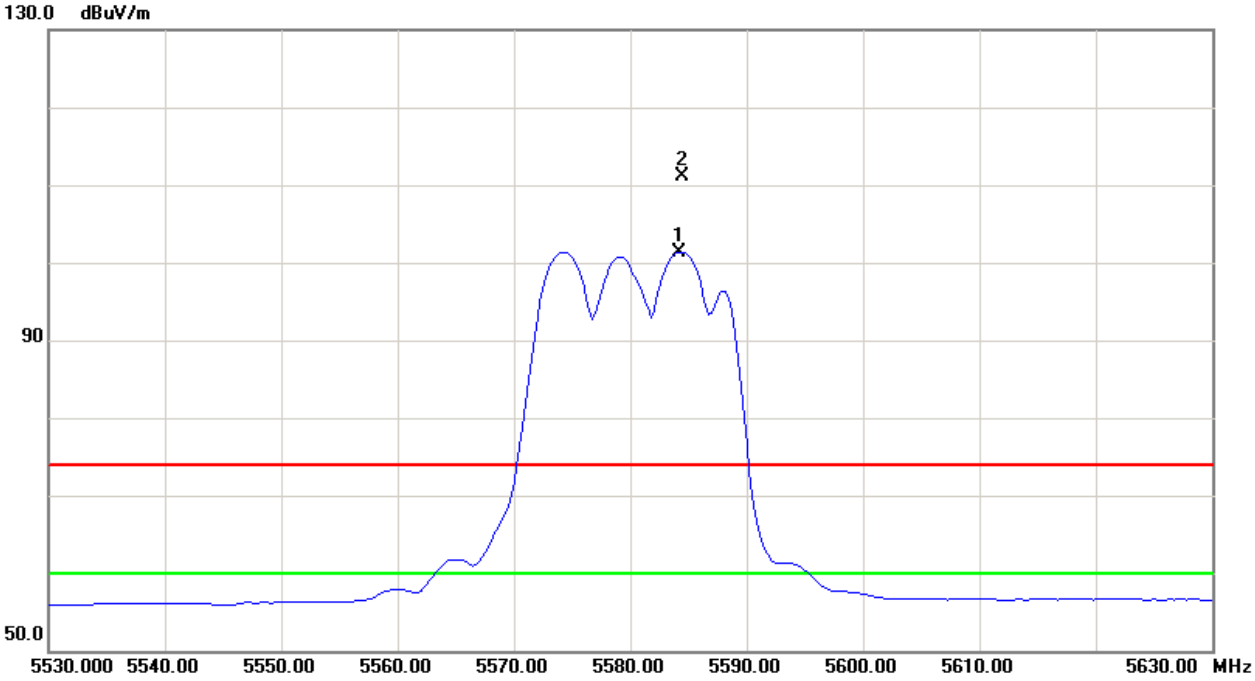
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

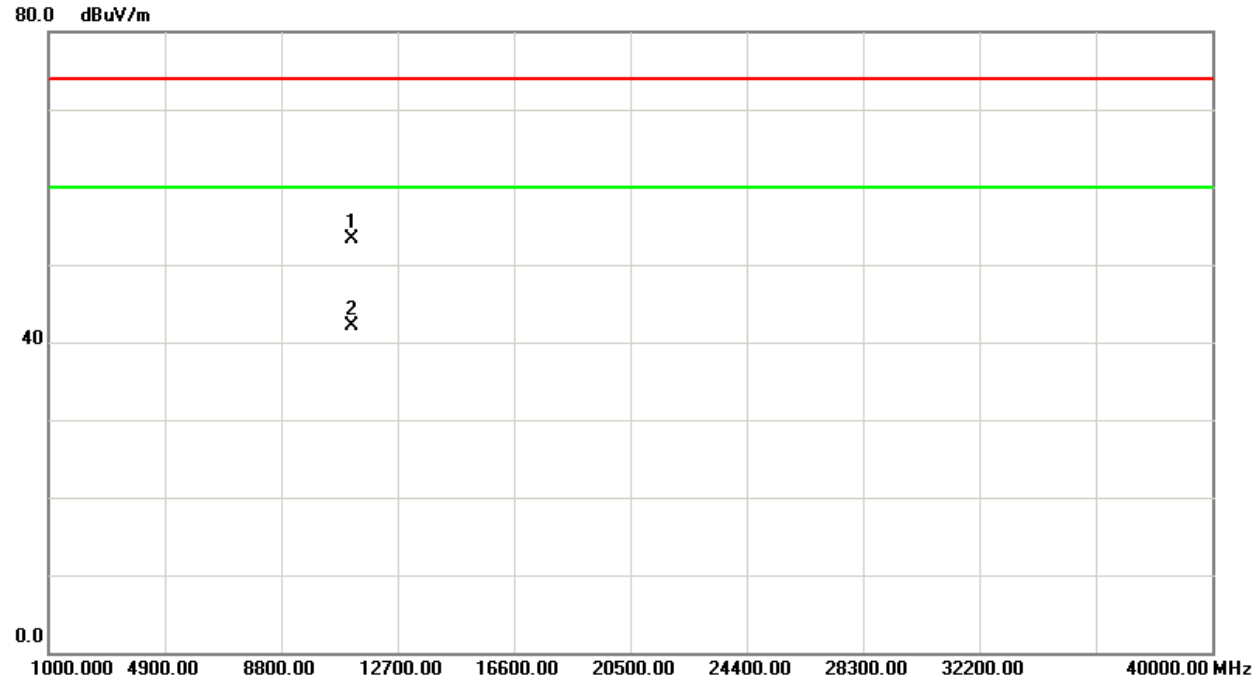
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5572.75	H	73.99	64.23	41.29	115.28	105.52	10.51	0.75					X/F
11160.23	H	37.28	27.37	14.04	51.32	41.41	-53.45	-63.36	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

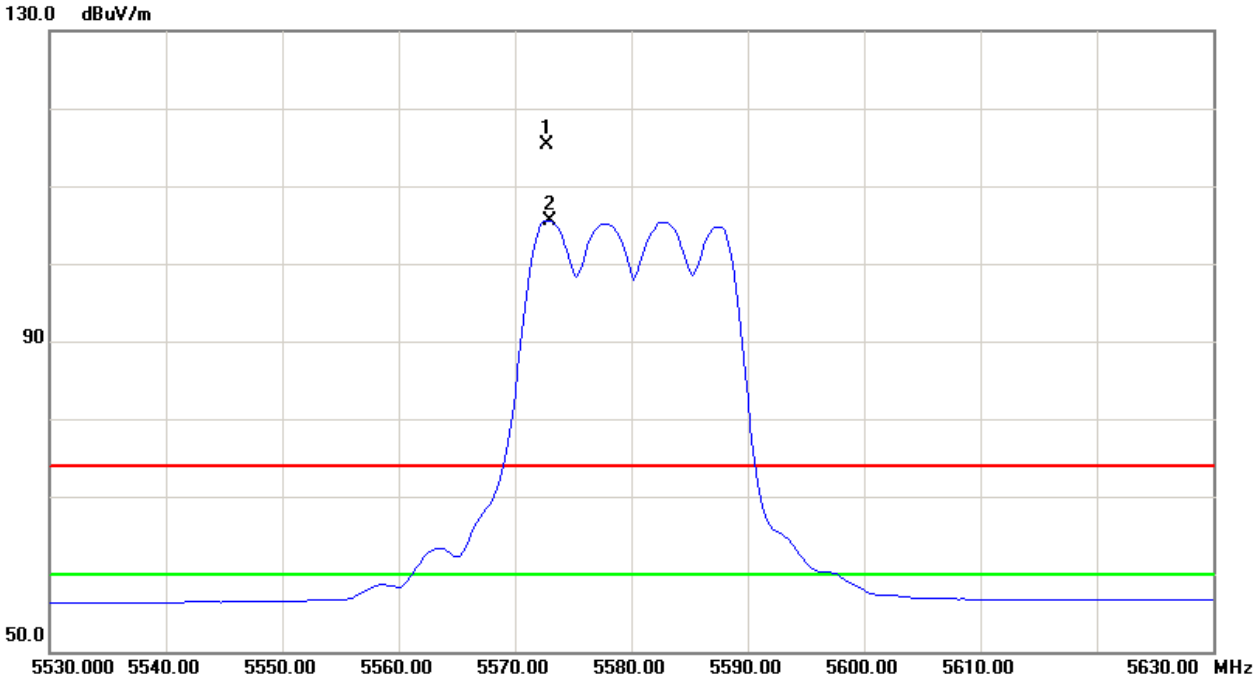
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

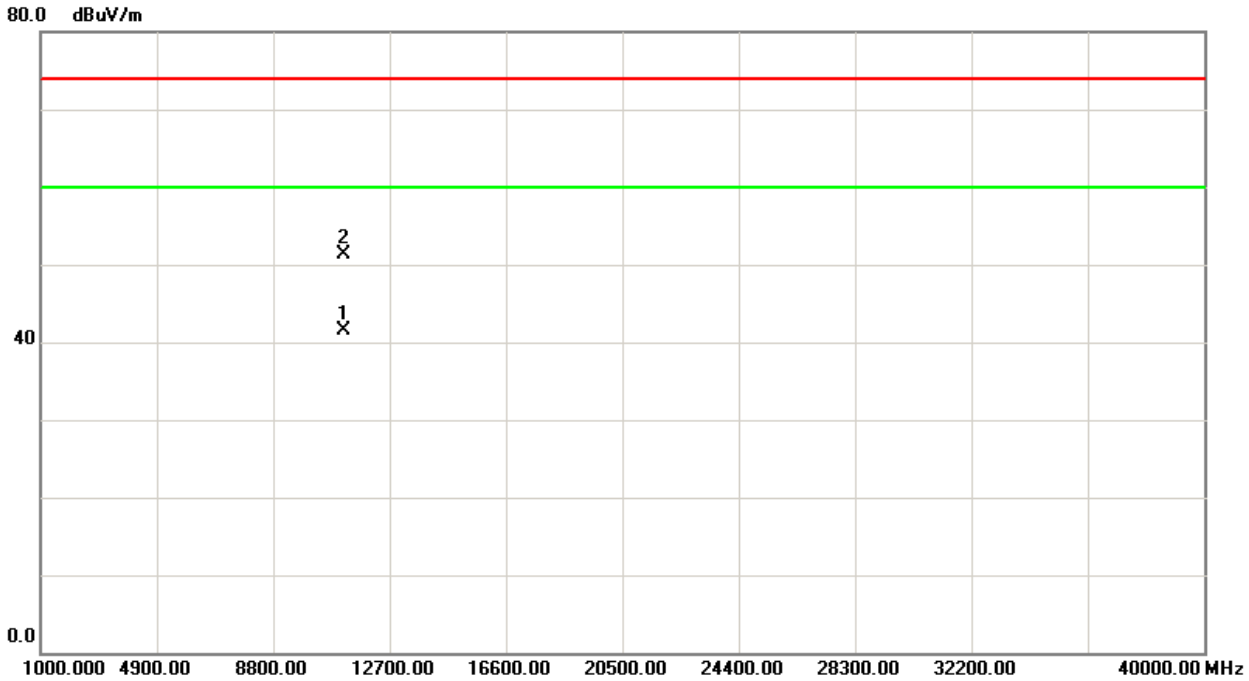
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5703.75	V	71.07	60.74	41.81	112.88	102.55	8.11	-2.22					X/F
5725.00	V	27.63	15.66	41.90	69.53	57.56	-35.24	-47.21	74.30		-27.00		X/E
11400.18	V	39.78	29.05	14.20	53.98	43.25	-50.79	-61.52	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

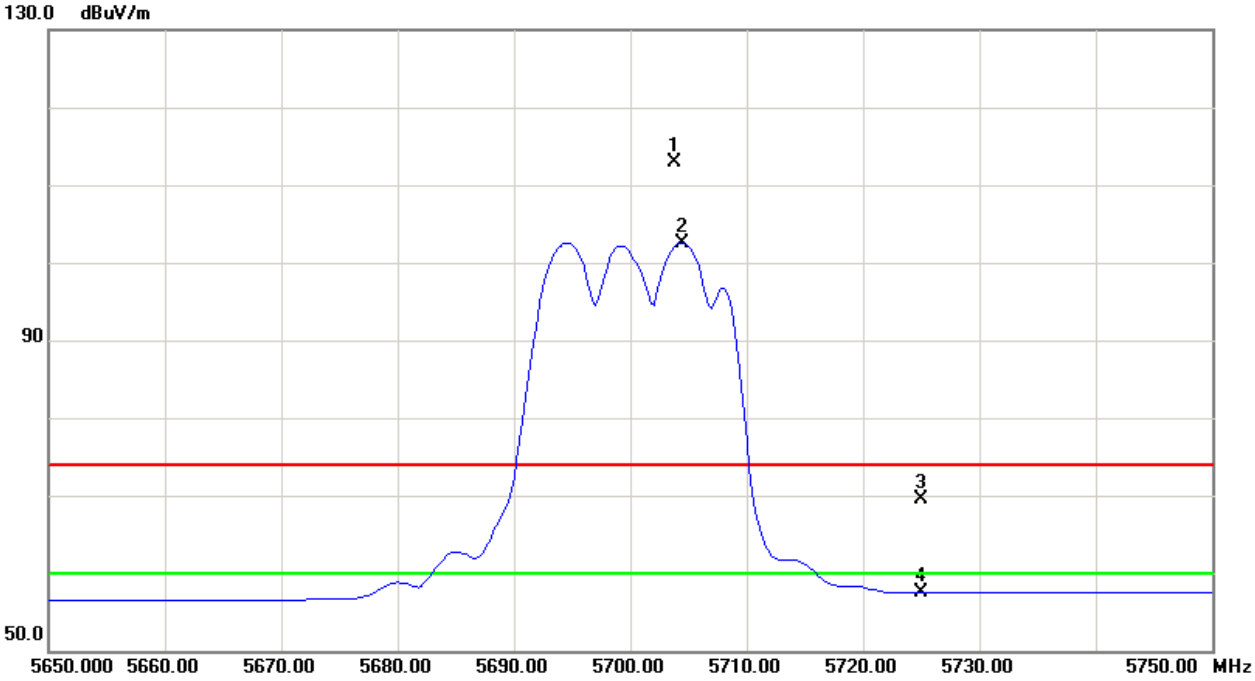
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

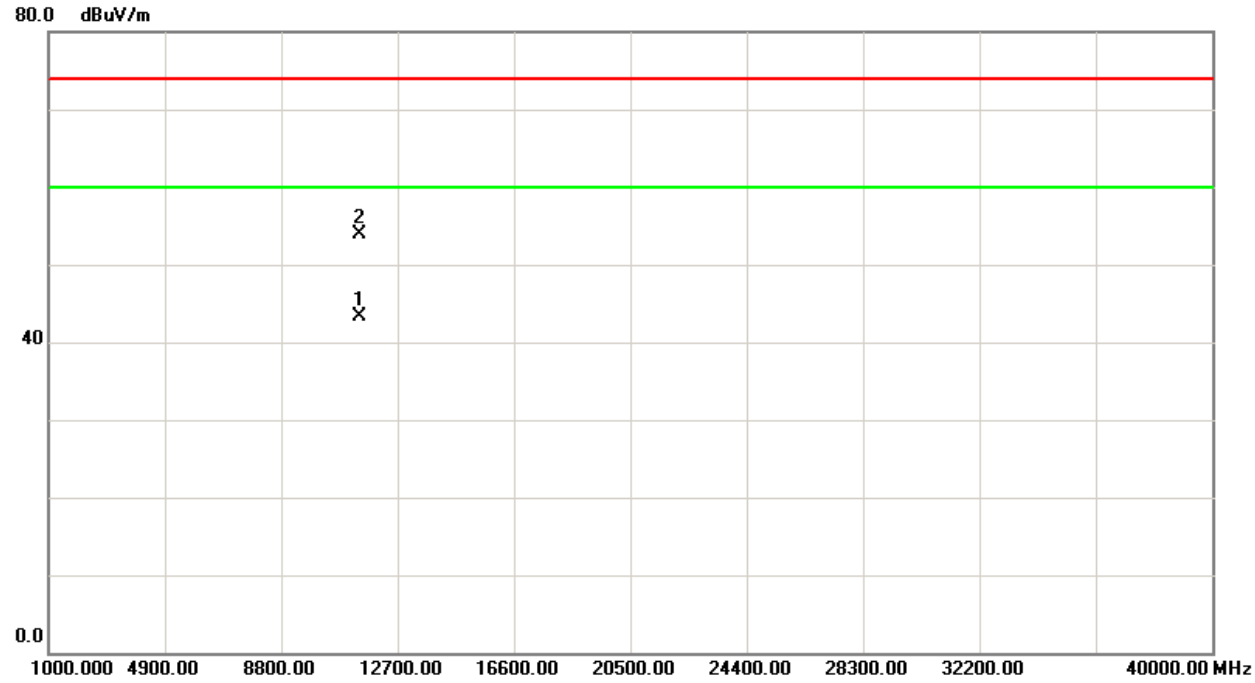
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5693.00	H	74.10	63.94	41.78	115.88	105.72	11.11	0.95					X/F
5725.00	H	27.68	15.71	41.90	69.58	57.61	-35.19	-47.16	74.30		-27.00		X/E
11400.02	H	38.38	27.41	14.20	52.58	41.61	-52.19	-63.16	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

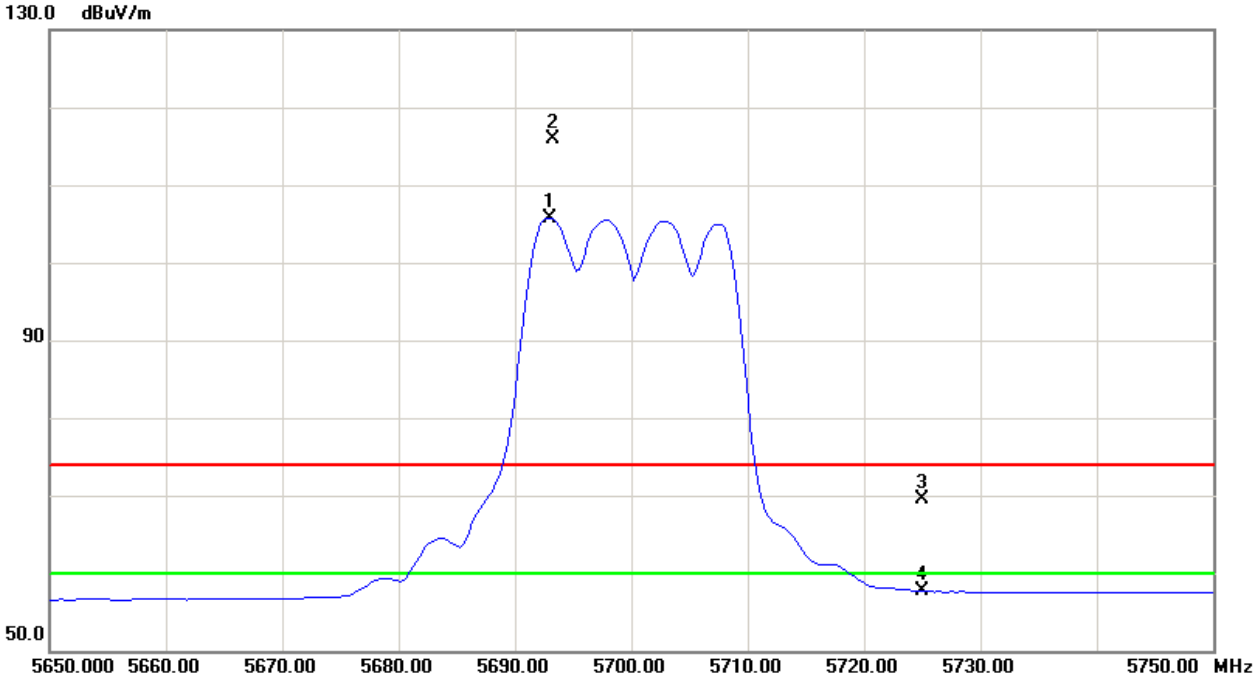
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

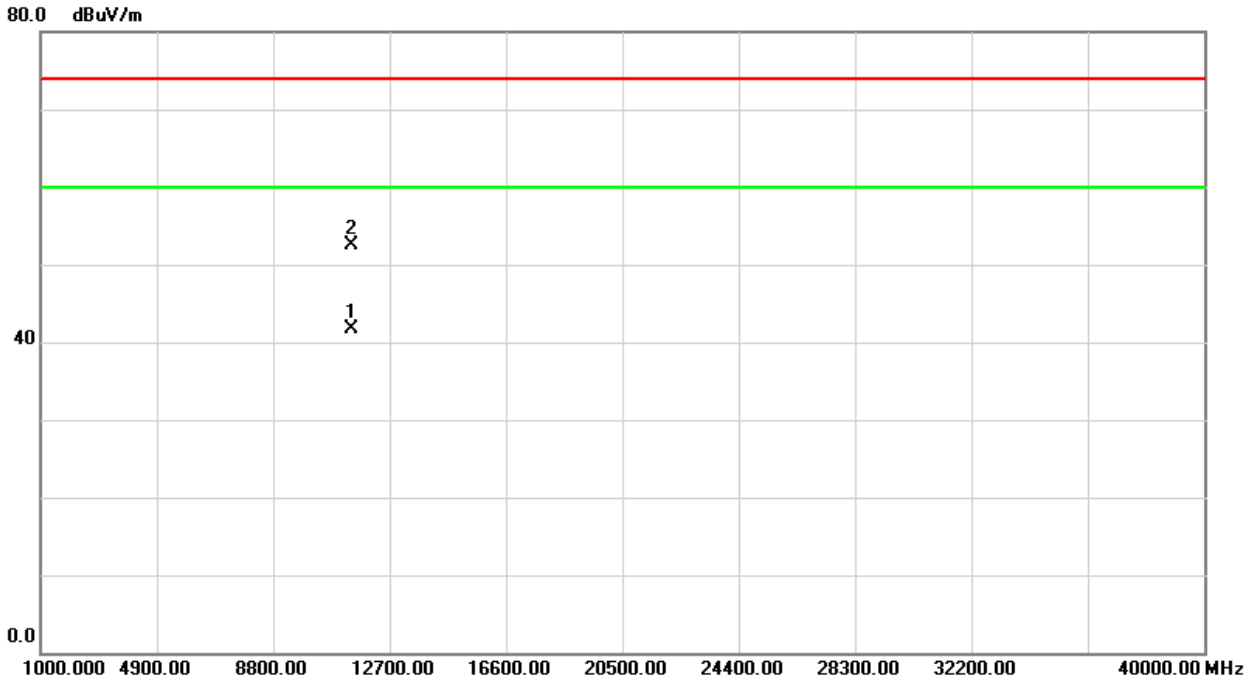
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	25.65	14.76	40.90	66.55	55.66	-38.22	-49.11	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	25.66	14.76	40.93	66.59	55.69	-38.18	-49.08	74.30		-27.00		X/E
5498.00	V	74.72	63.09	41.00	115.72	104.09	10.95	-0.68					X/F
11000.11	V	39.05	27.49	13.93	52.98	41.42	-51.79	-63.35	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

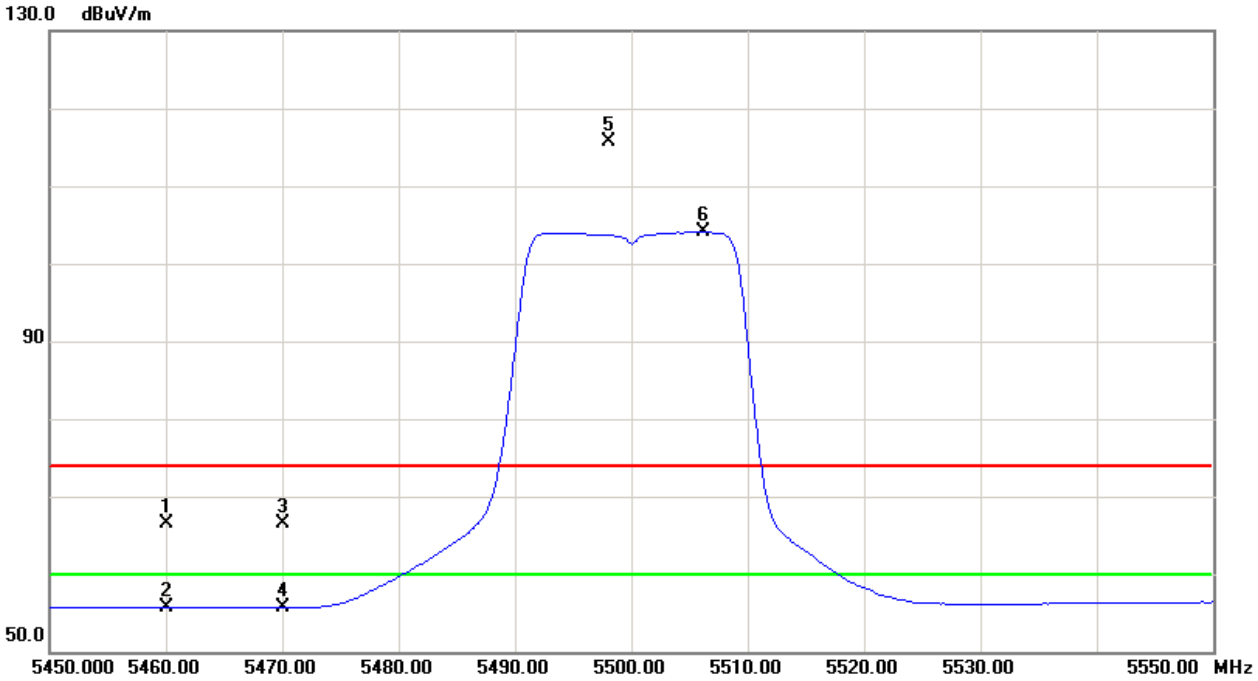
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

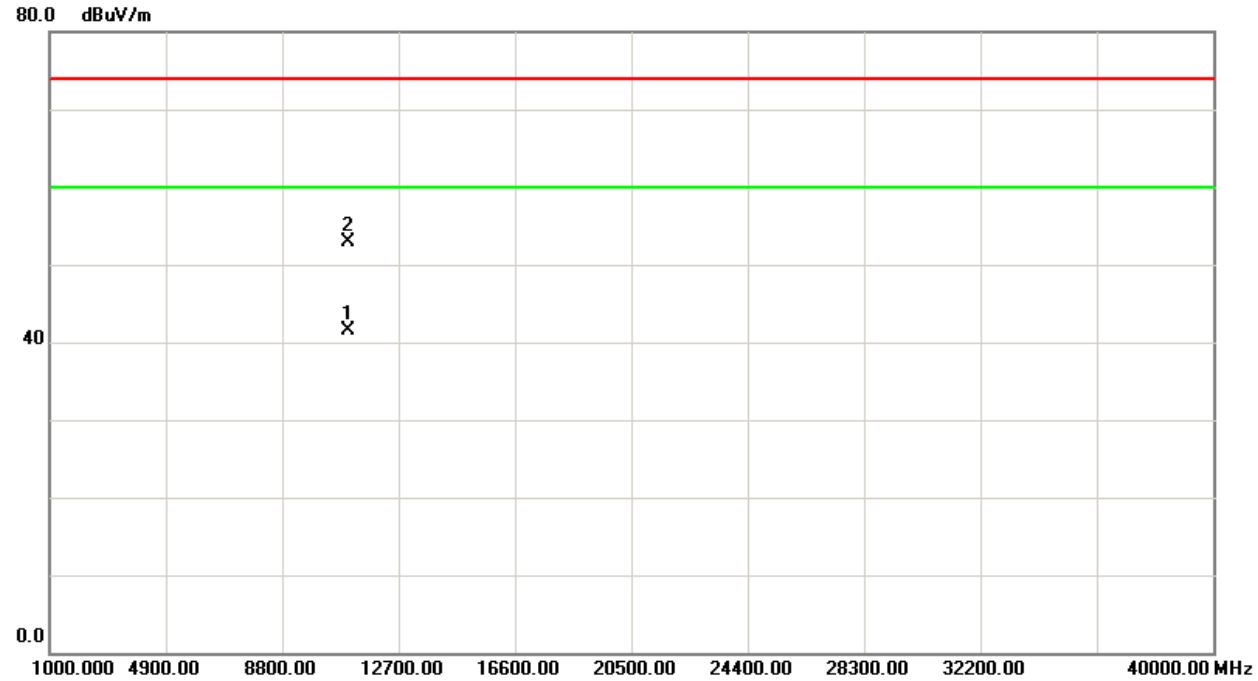
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	26.85	14.38	40.90	67.75	55.28	-37.02	-49.49	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	26.53	14.30	40.93	67.46	55.23	-37.31	-49.54	74.30		-27.00		X/E
5506.20	H	68.04	56.67	41.02	109.06	97.69	4.29	-7.08					X/F
11000.16	H	37.97	27.70	13.93	51.90	41.63	-52.87	-63.14	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

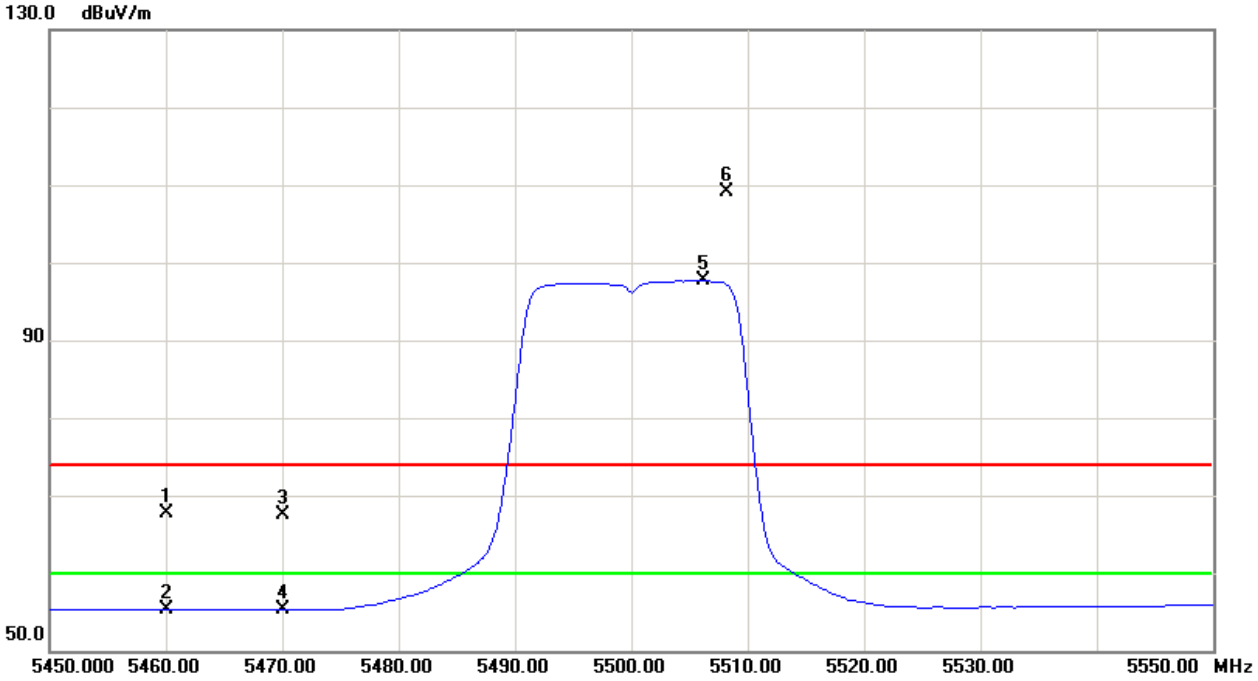
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

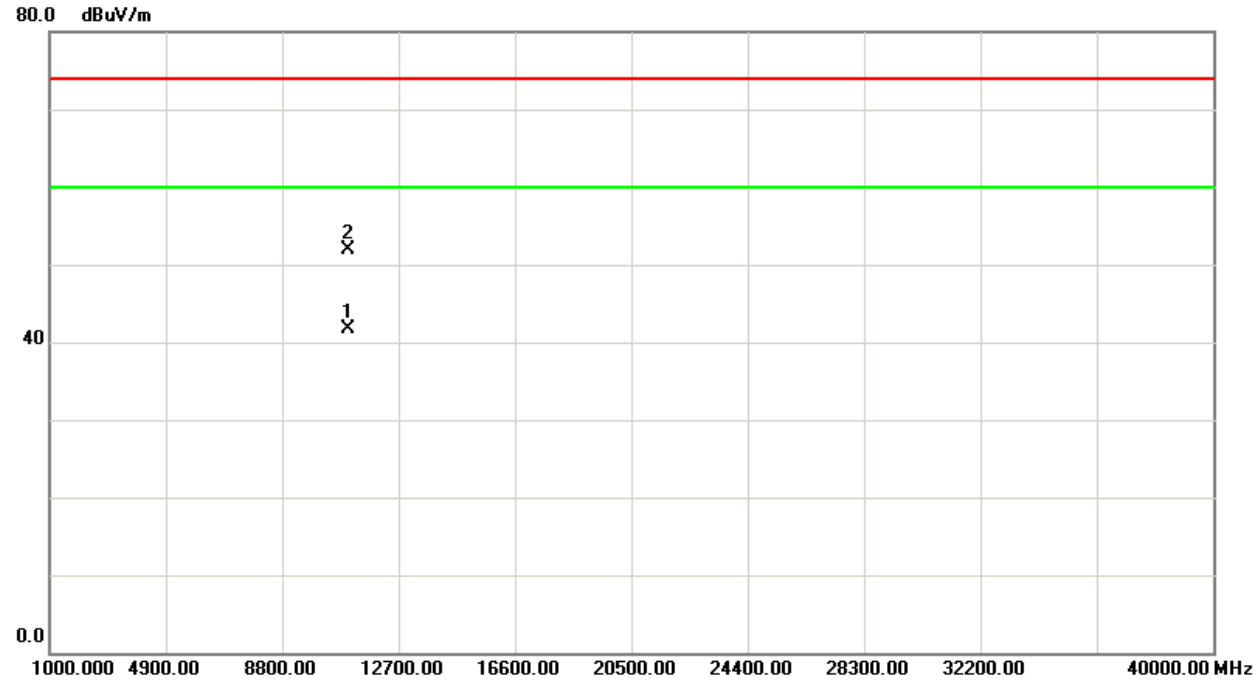
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5573.60	V	77.34	65.74	41.29	118.63	107.03	13.86	2.26					X/F
11160.28	V	39.98	28.08	14.04	54.02	42.12	-50.75	-62.65	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

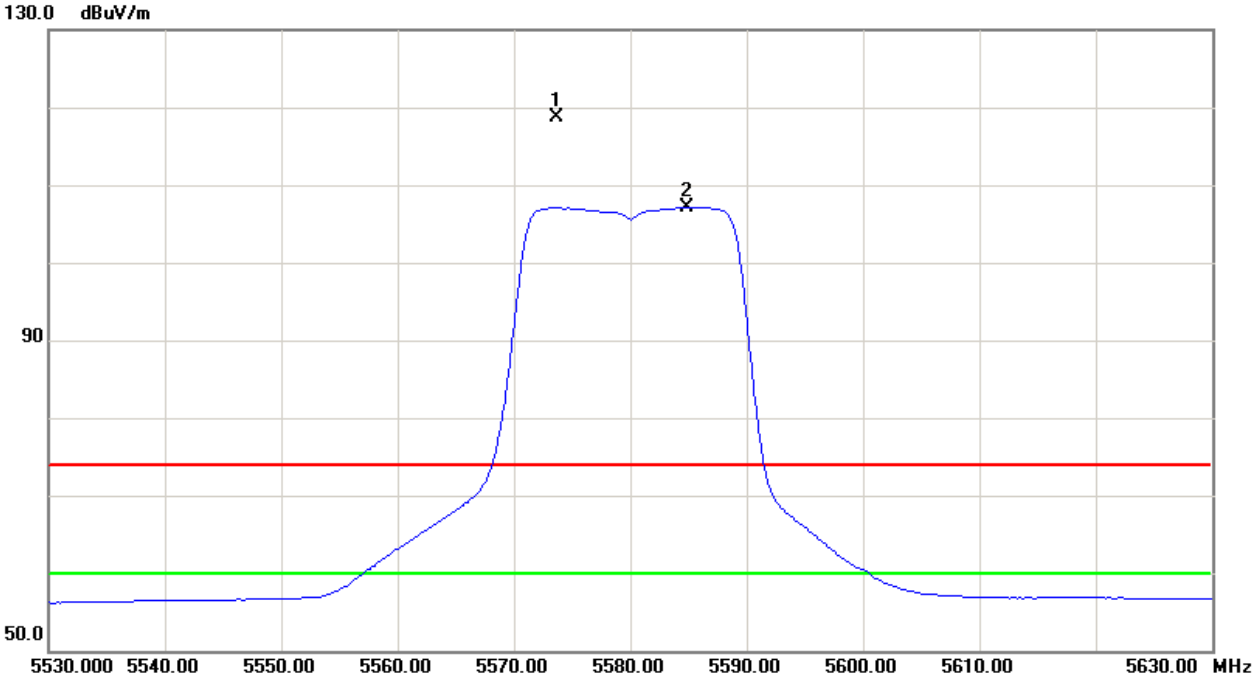
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

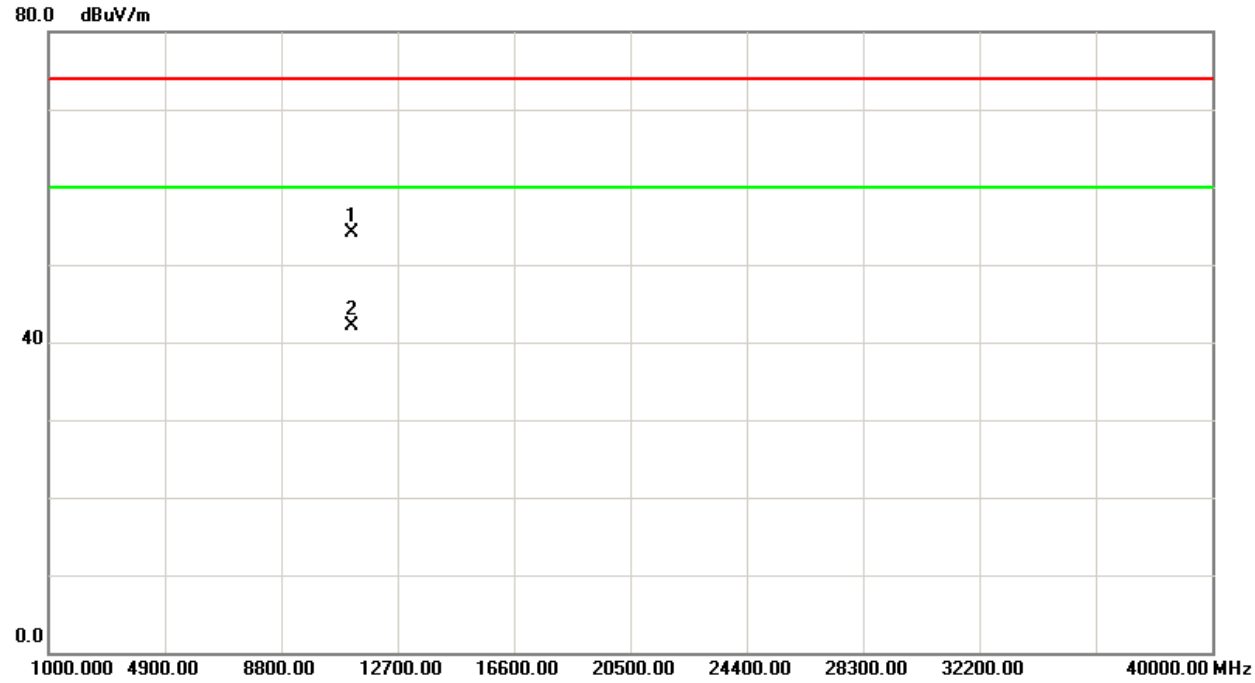
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5573.40	H	68.90	58.02	41.29	110.19	99.31	5.42	-5.46					X/F
11160.33	H	37.58	27.21	14.04	51.62	41.25	-53.15	-63.52	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

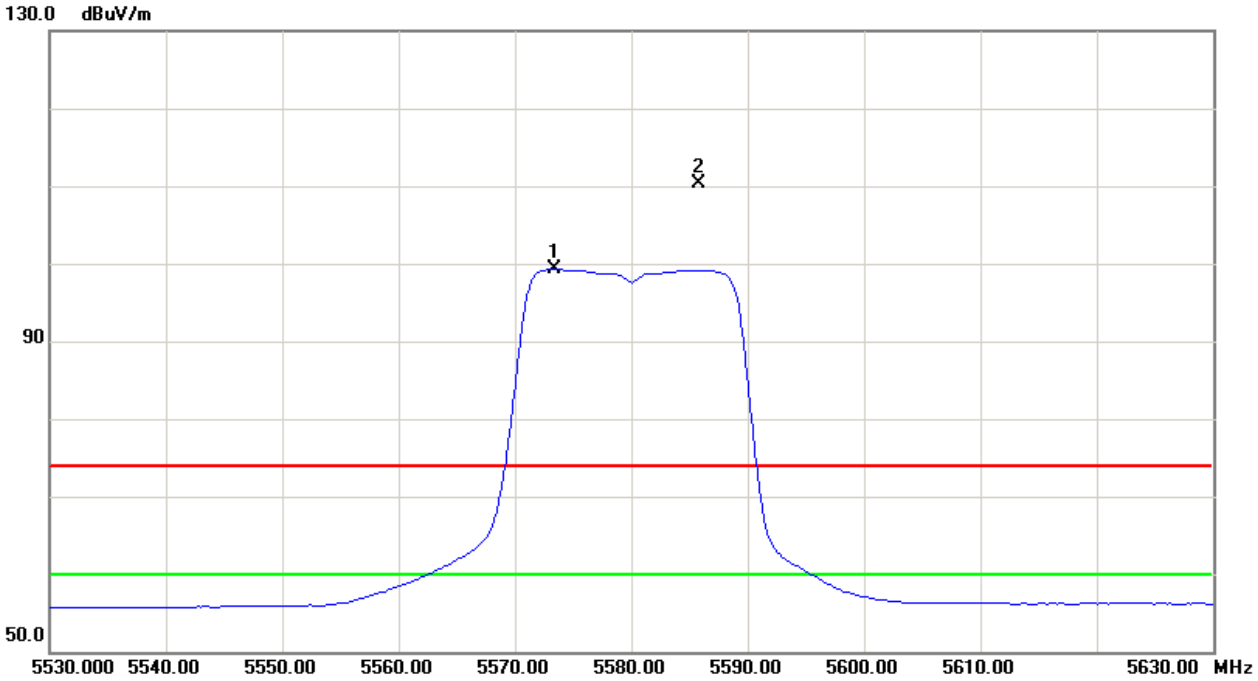
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

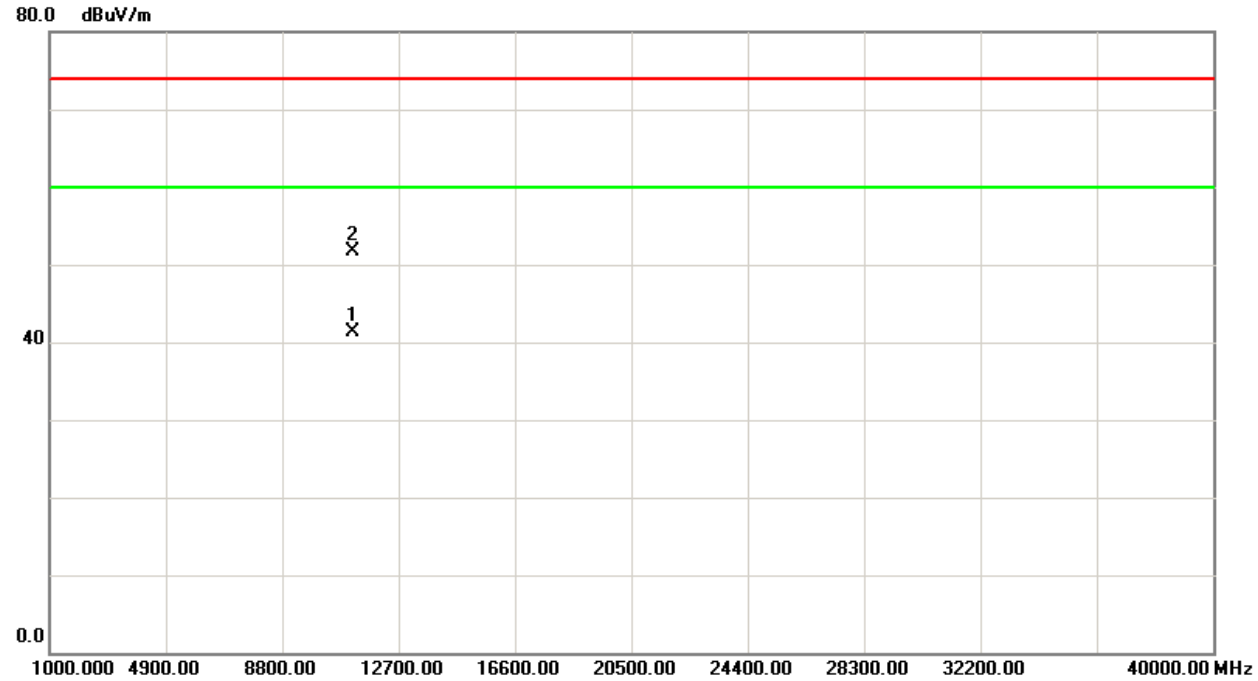
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5694.40	V	75.12	63.13	41.78	116.90	104.91	12.13	0.14					X/F
5725.00	V	26.37	15.60	41.90	68.27	57.50	-36.50	-47.27	74.30		-27.00		X/H
11400.06	V	38.96	29.65	14.20	53.16	43.85	-51.61	-60.92	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

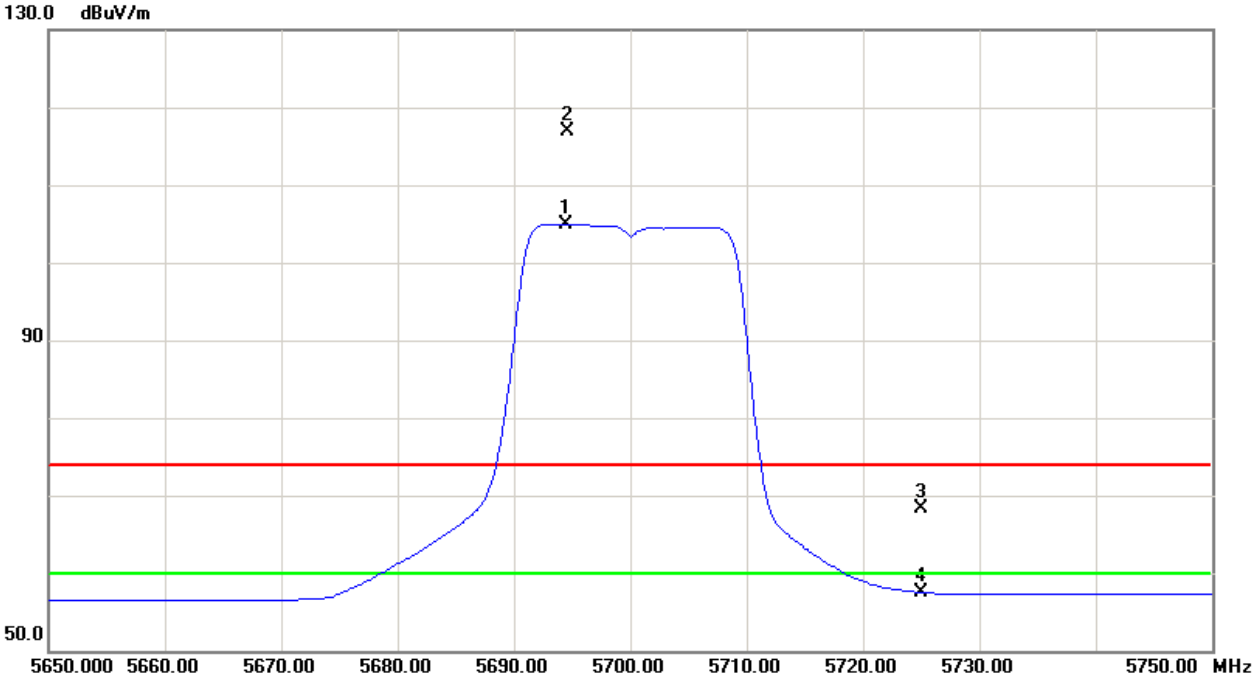
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

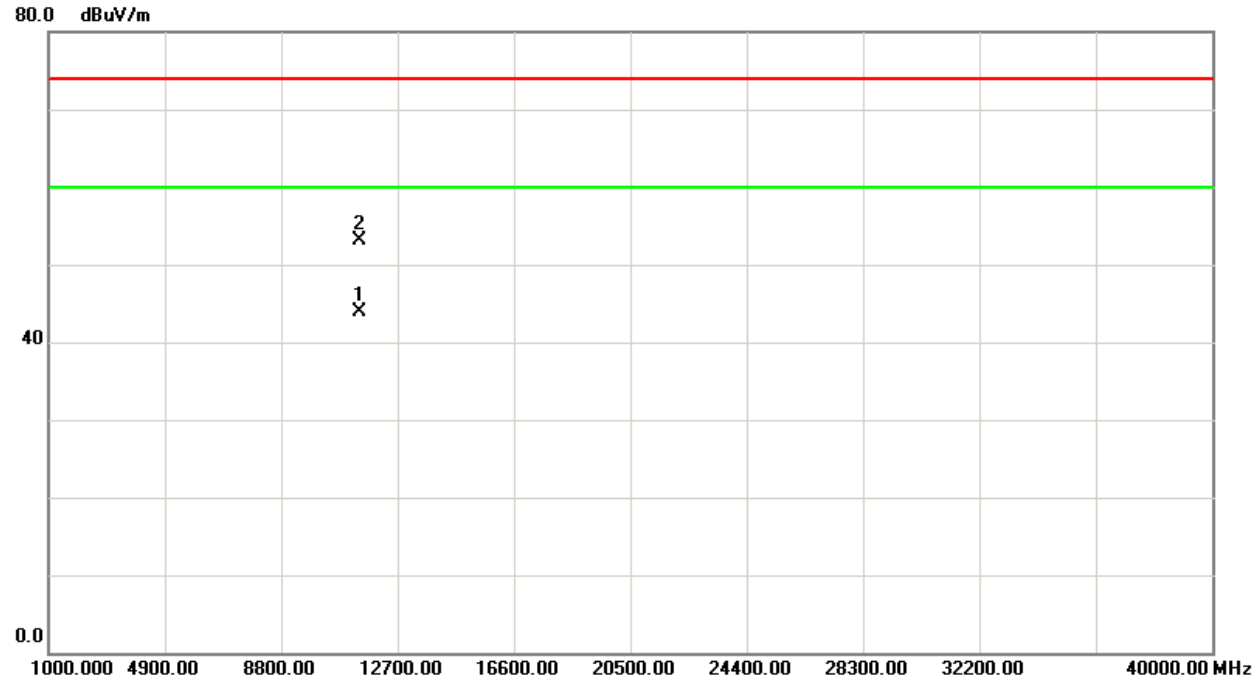
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5693.80	H	68.57	56.74	41.78	110.35	98.52	5.58	-6.25					X/F
5725.00	H	26.53	15.21	41.90	68.43	57.11	-36.34	-47.66	74.30		-27.00		X/H
11400.29	H	38.41	27.28	14.20	52.61	41.48	-52.16	-63.29	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

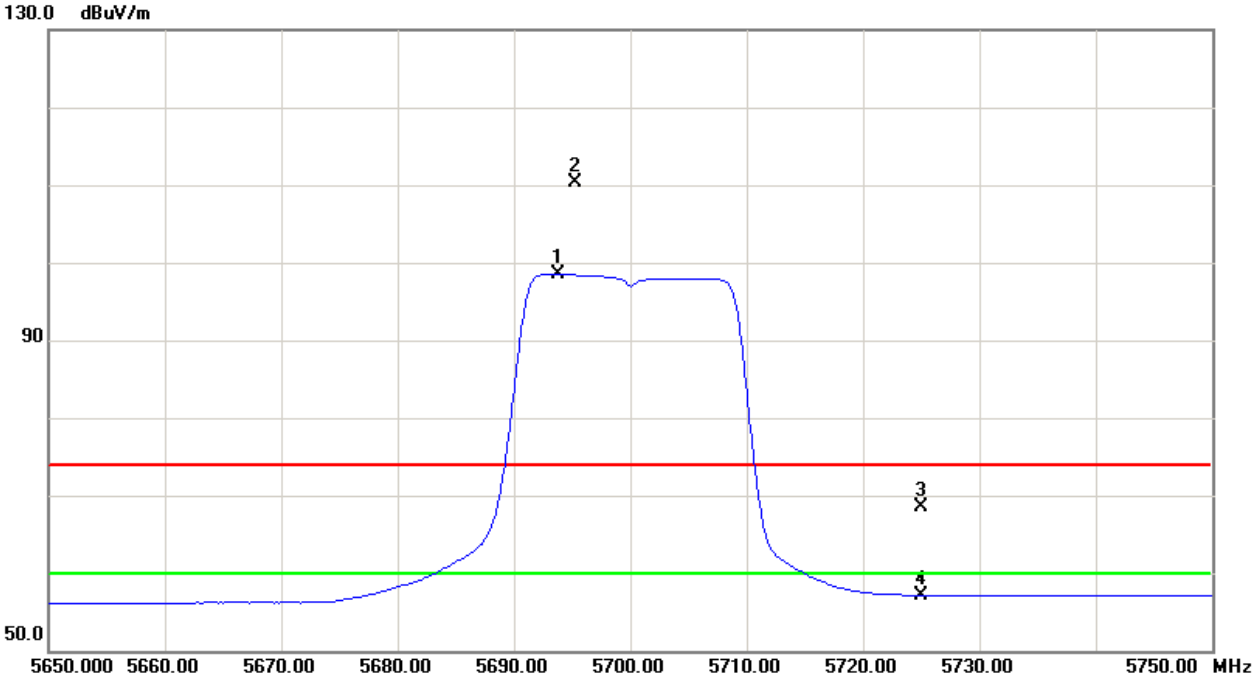
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

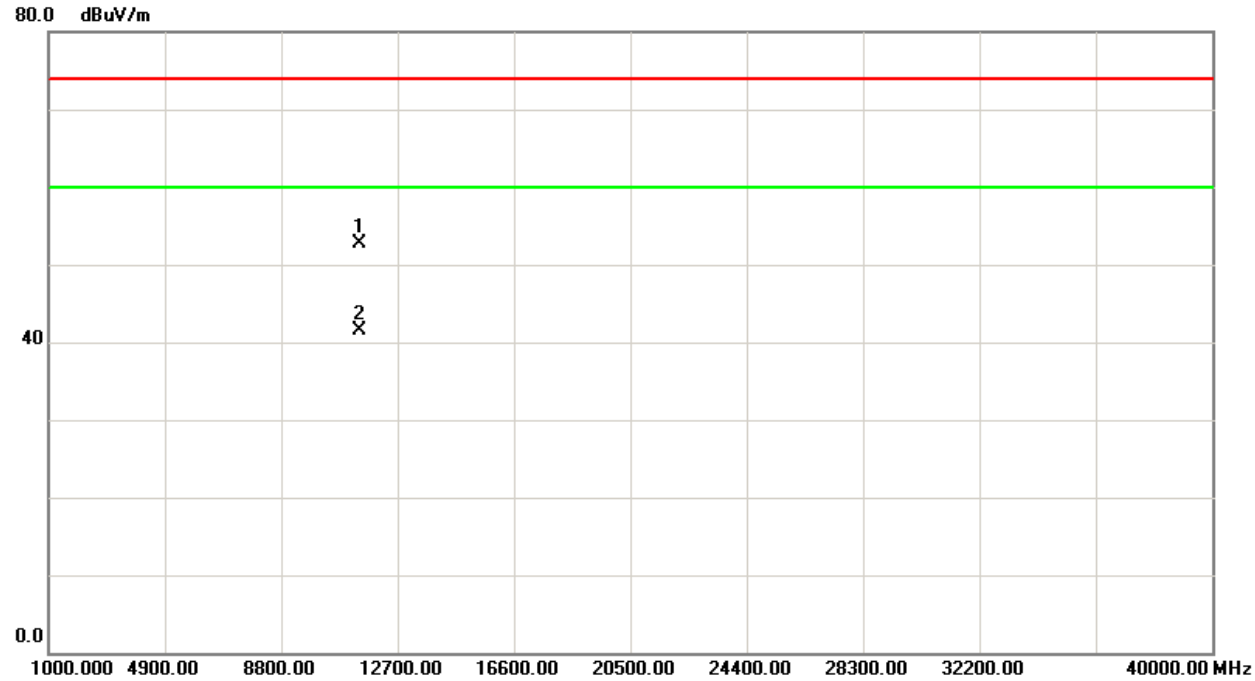
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5510MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	26.47	14.71	40.90	67.37	55.61	-37.40	-49.16	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	27.41	15.80	40.93	68.34	56.73	-36.43	-48.04	74.30		-27.00		X/E
5494.40	V	69.52	57.78	40.99	110.51	98.77	5.74	-6.00					X/F
11020.11	V	37.31	27.23	13.94	51.25	41.17	-53.52	-63.60	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

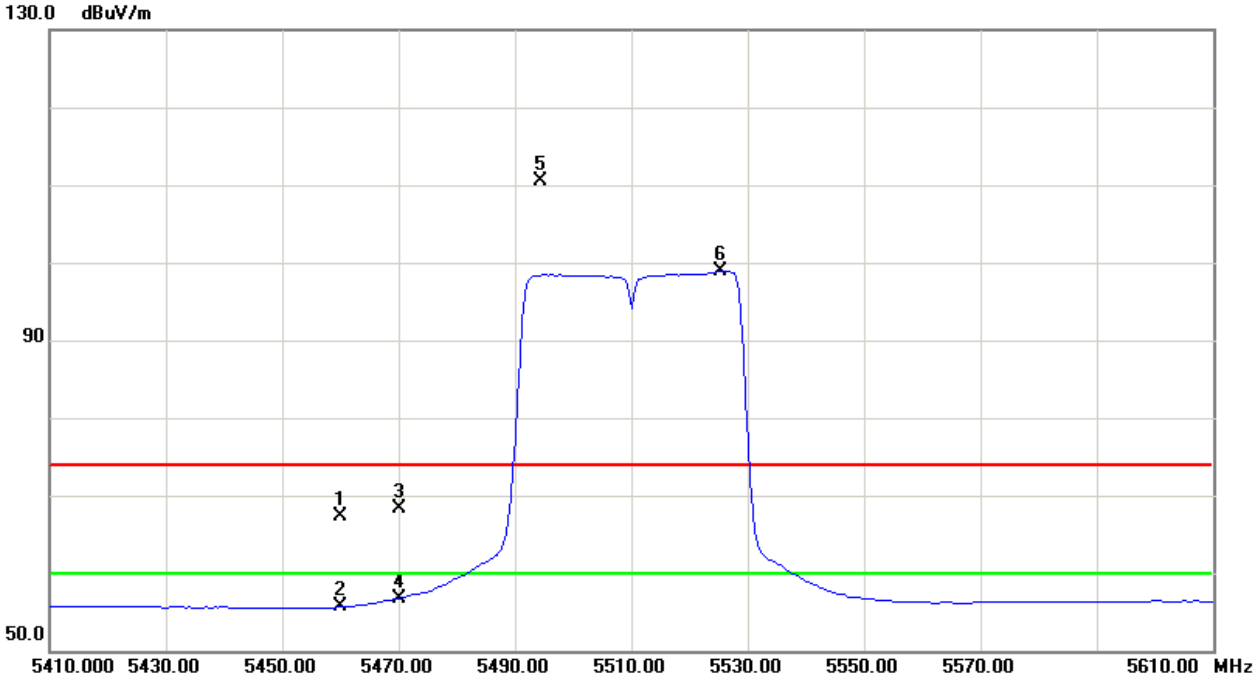
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

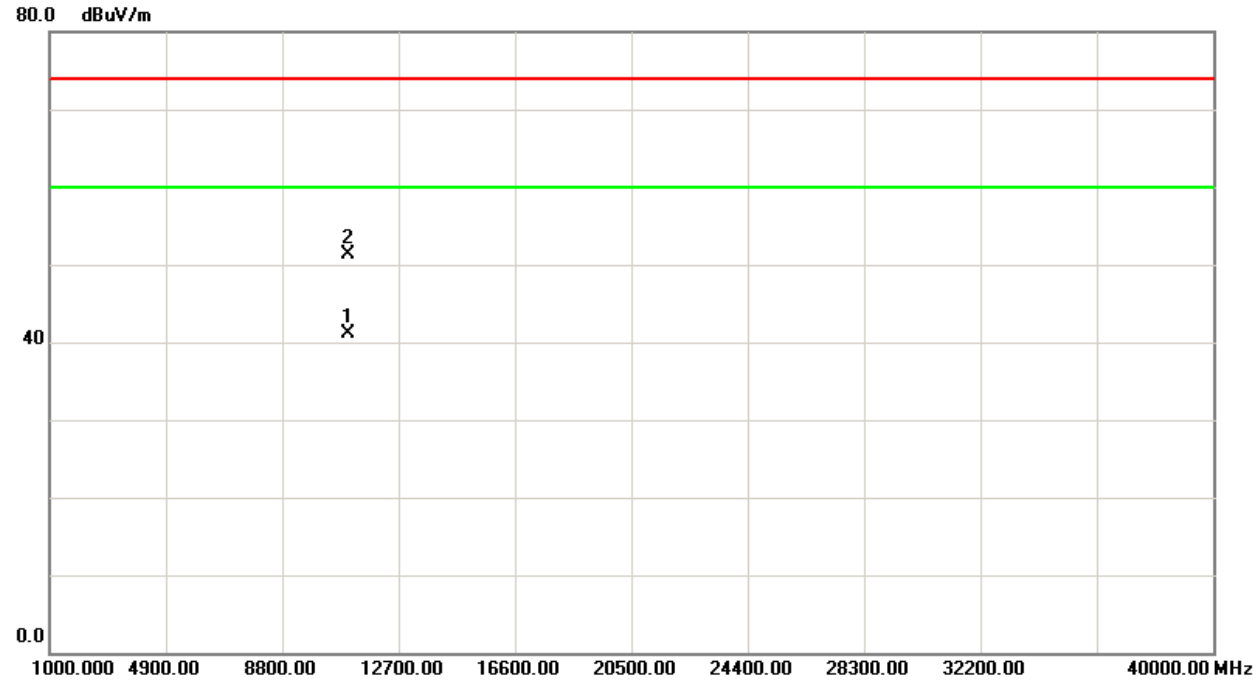
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH102(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5510MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	26.53	14.39	40.90	67.43	55.29	-37.34	-49.48	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	26.22	14.65	40.93	67.15	55.58	-37.62	-49.19	74.30		-27.00		X/E
5526.40	H	62.29	51.18	41.11	103.40	92.29	-1.37	-12.48					X/F
11020.13	H	36.27	26.20	13.94	50.21	40.14	-54.56	-64.63	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

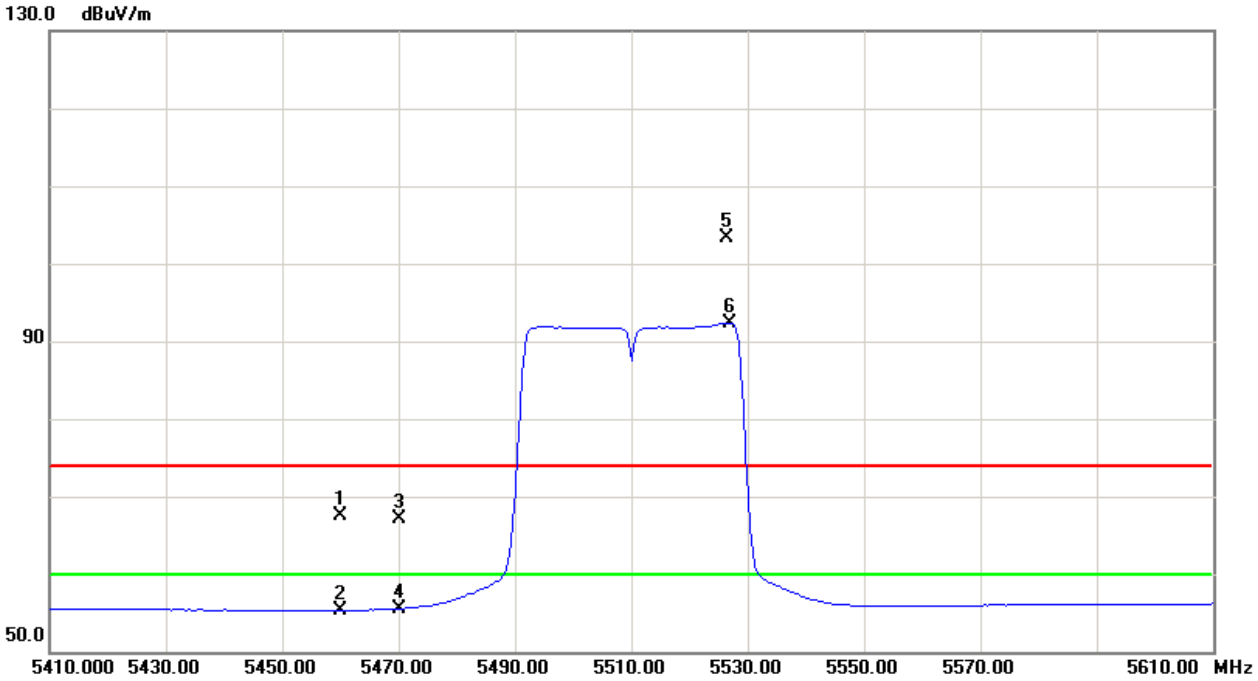
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

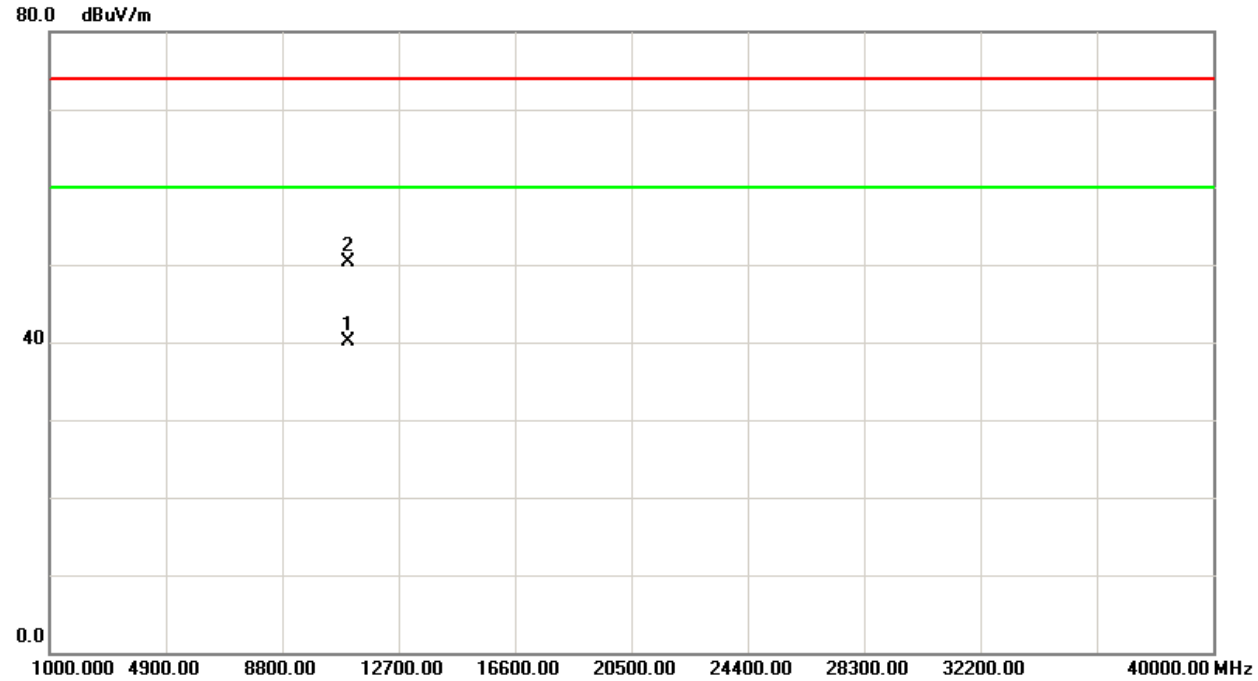
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH102(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5550MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5542.80	V	73.32	62.32	41.18	114.50	103.50	9.73	-1.27					X/F
11100.30	V	39.52	27.72	14.00	53.52	41.72	-51.25	-63.05	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

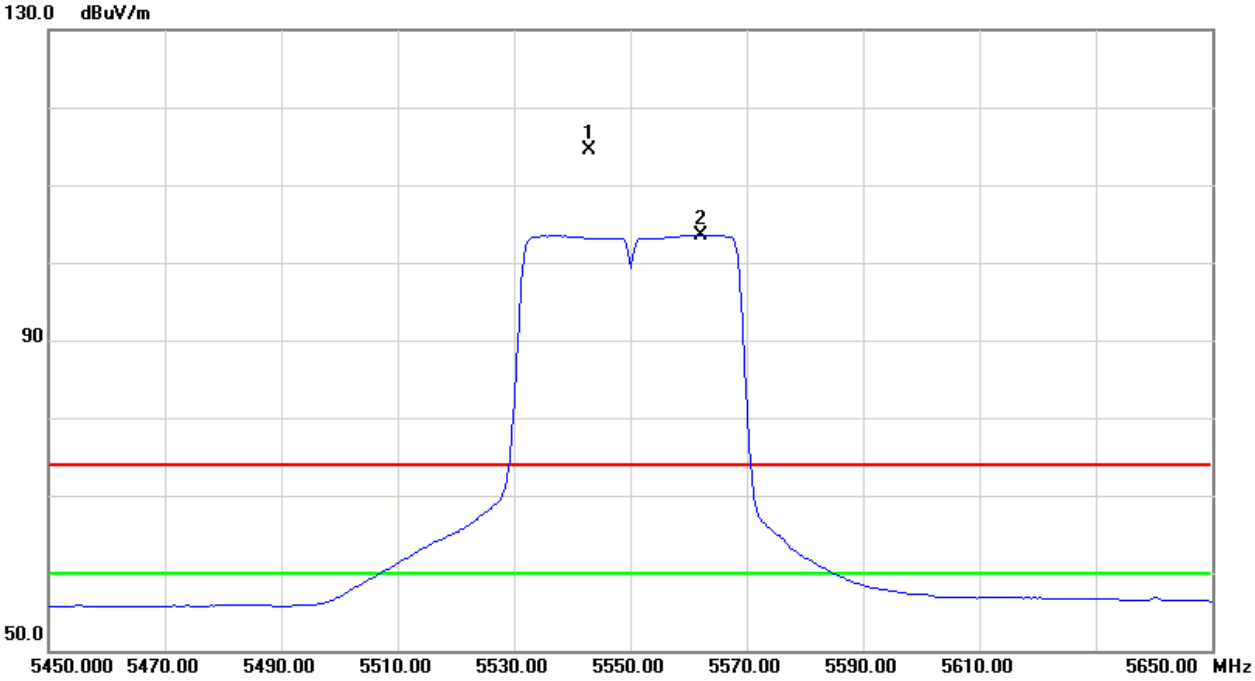
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

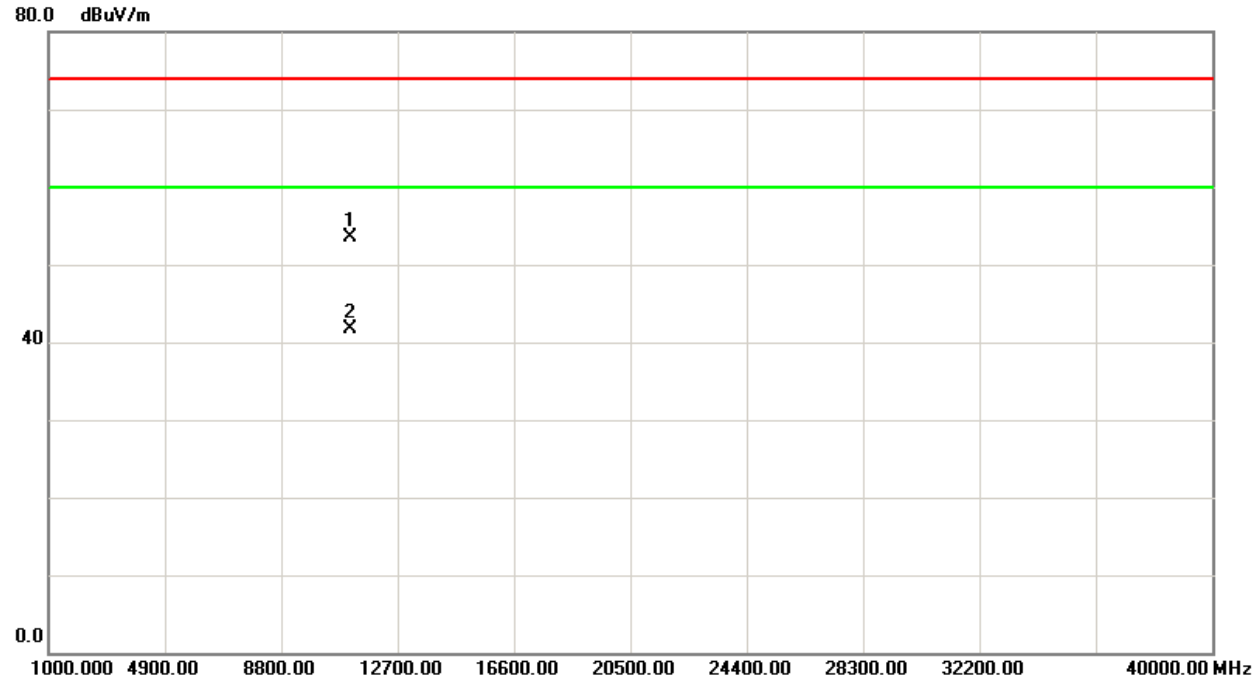
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH110(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5550MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5534.00	H	66.21	55.55	41.14	107.35	96.69	2.58	-8.08					X/F
11100.25	H	36.13	26.01	14.00	50.13	40.01	-54.64	-64.76	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

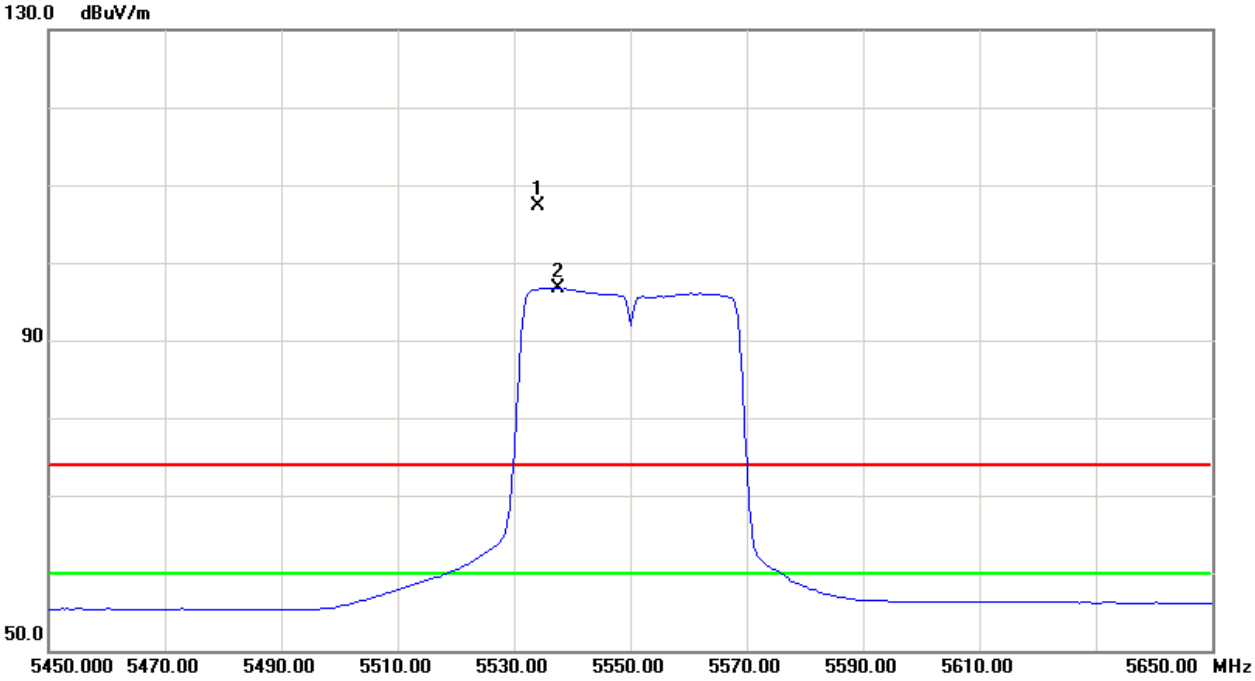
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

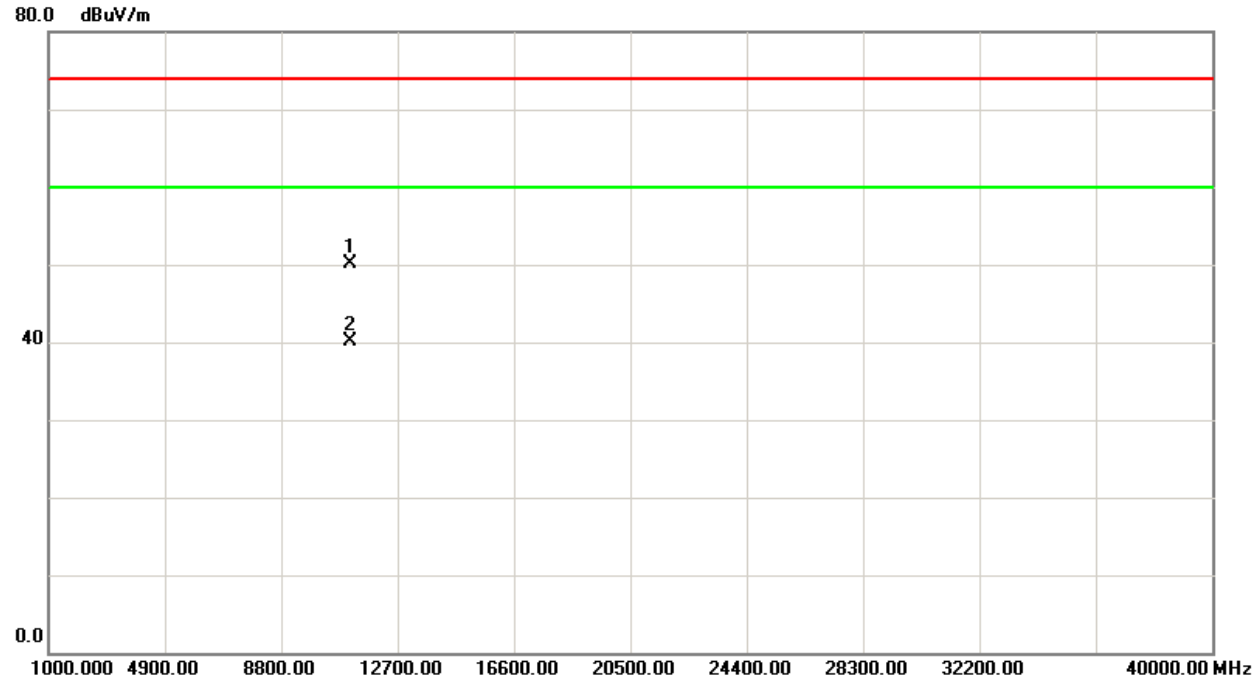
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH110(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5670MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5652.80	V	73.23	62.15	41.61	114.84	103.76	10.07	-1.01					X/F
5725.00	V	26.32	15.45	41.90	68.22	57.35	-36.55	-47.42	74.30		-27.00		X/E
11340.17	V	37.13	27.78	14.16	51.29	41.94	-53.48	-62.83	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

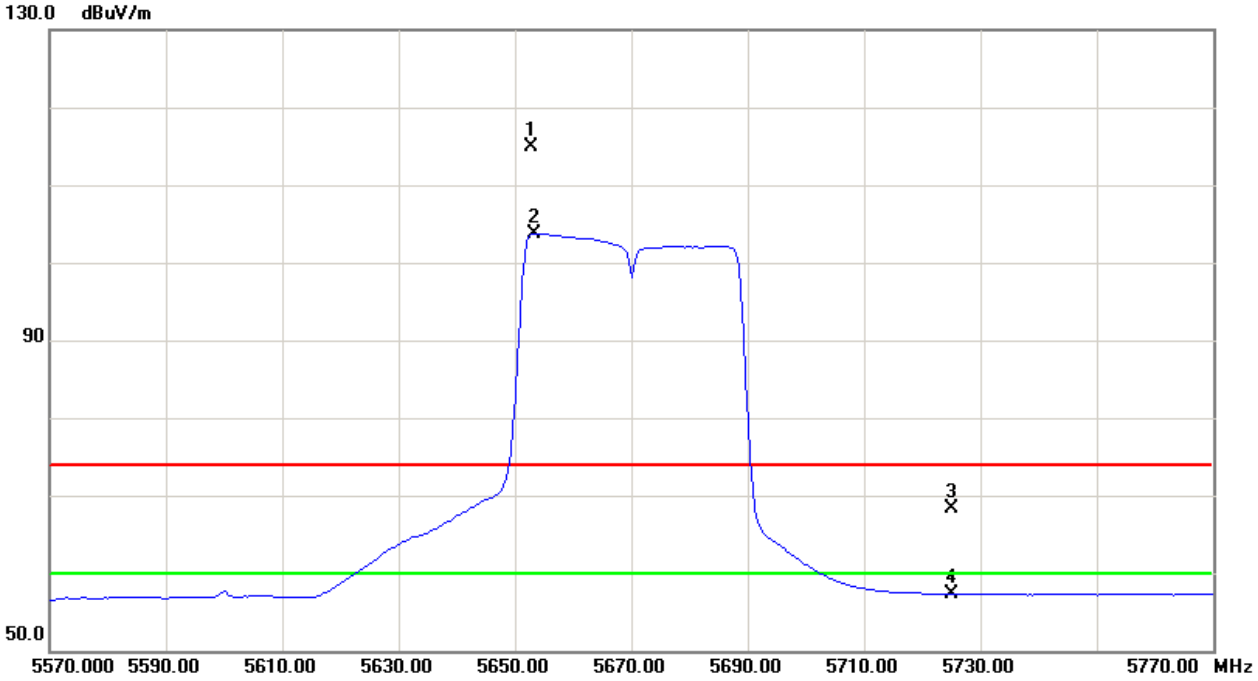
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

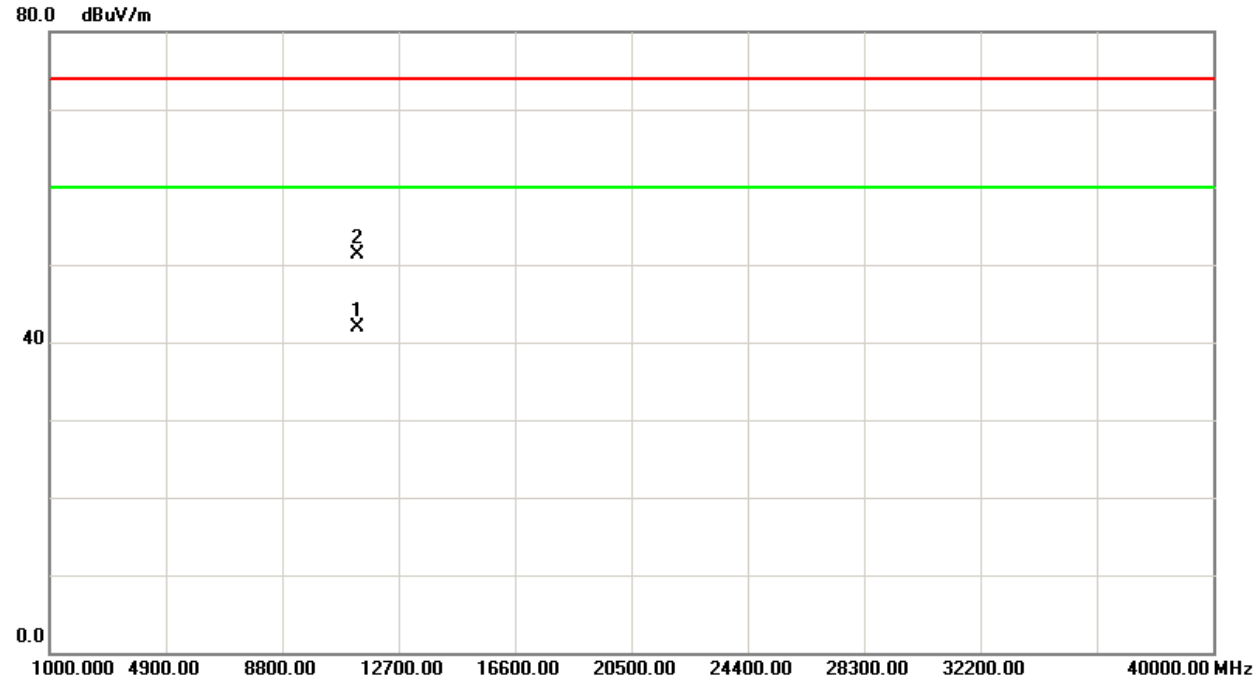
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH134(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5670MHz – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5653.60	H	64.24	53.58	41.61	105.85	95.19	1.08	-9.58					X/F
5725.00	H	26.52	15.16	41.90	68.42	57.06	-36.35	-47.71	74.30		-27.00		X/E
11340.17	H	36.79	25.92	14.16	50.95	40.08	-53.82	-64.69	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

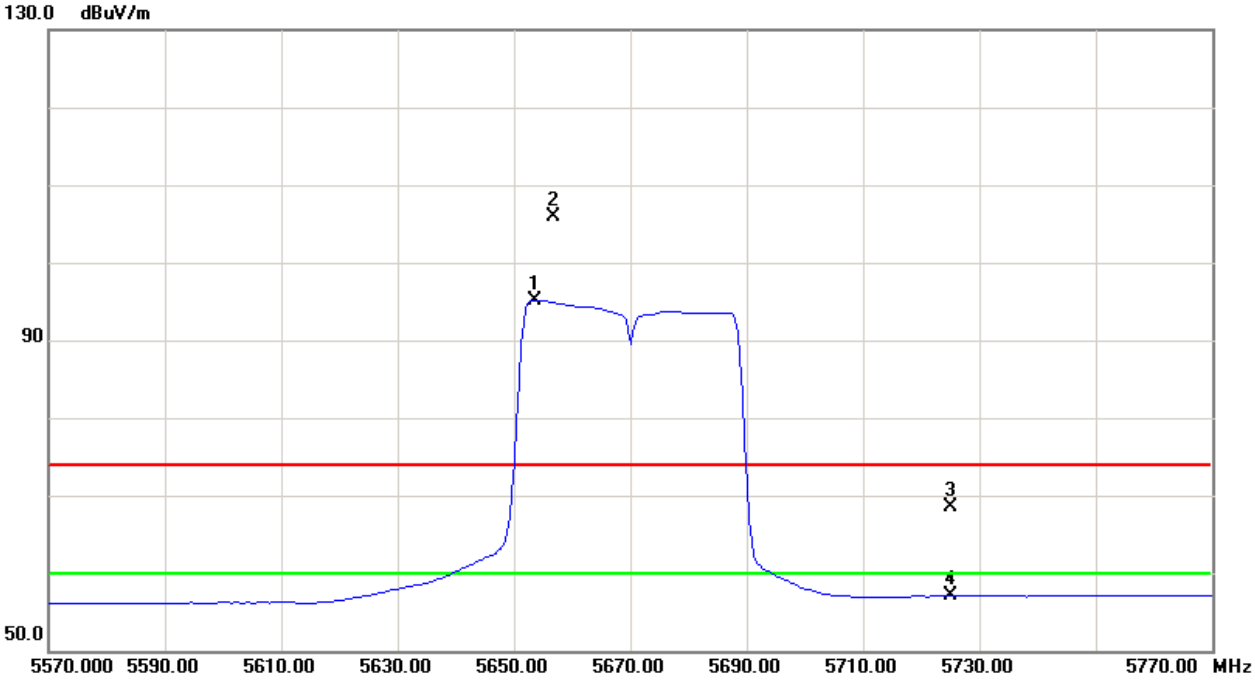
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

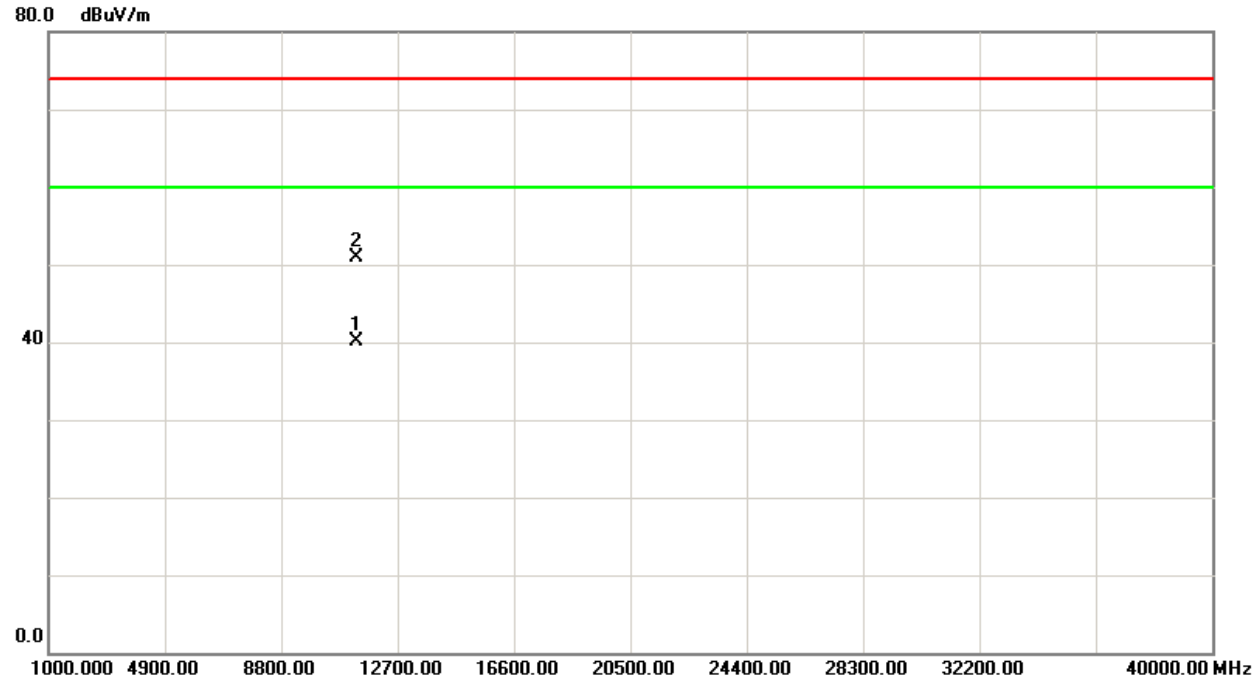
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH134(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1006hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1599.88	V	47.35	37.38	-5.09	42.26	32.29	80.00	60.00	X/H

Remark：

(1) 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。

(2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

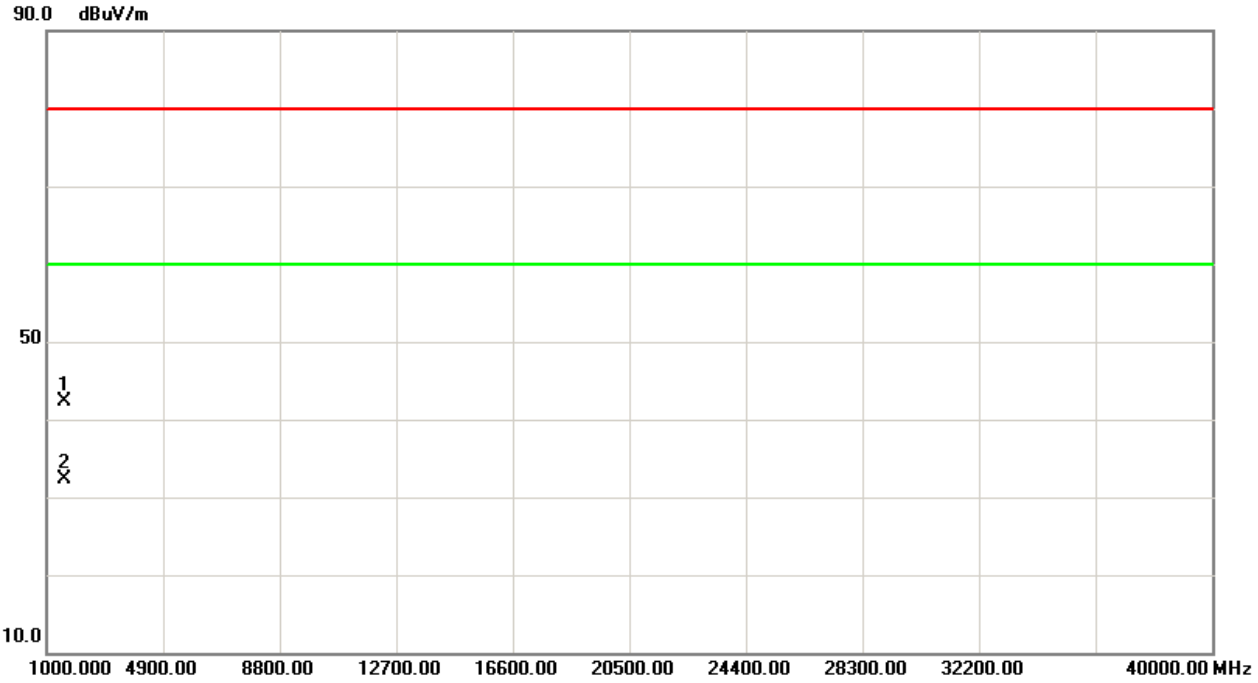
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(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 Axis：

"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand



EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1006hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)		
Note ：	ANT: Amphenol-SAA		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1600.00	H	51.97	43.93	-5.09	46.88	38.84	80.00	60.00	X/H

Remark：

(1) 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。

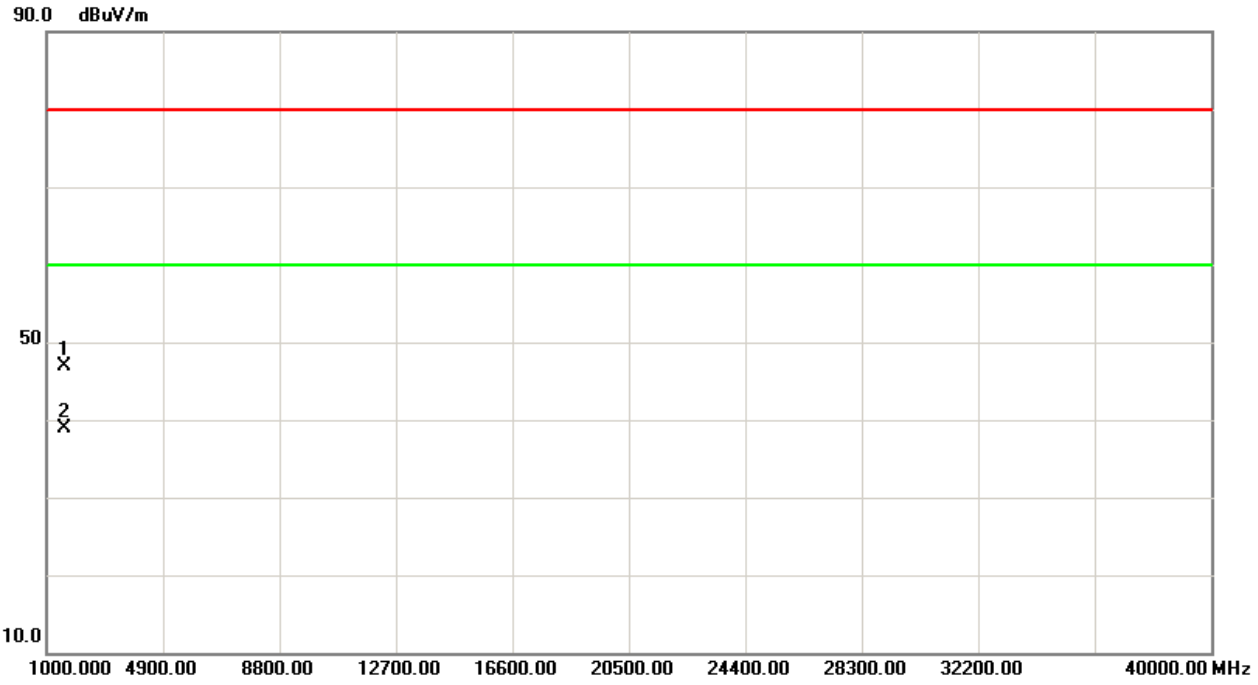
(2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(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 Axis：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand



EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	26.53	15.06	40.09	66.62	55.15	-38.15	-49.62	80.00	60.00	-24.77	-44.77	X/E
5185.00	V	65.00	54.85	40.18	105.18	95.03	0.41	-9.74					X/F
10360.38	V	39.03	28.13	13.73	52.76	41.86	-52.01	-62.91	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

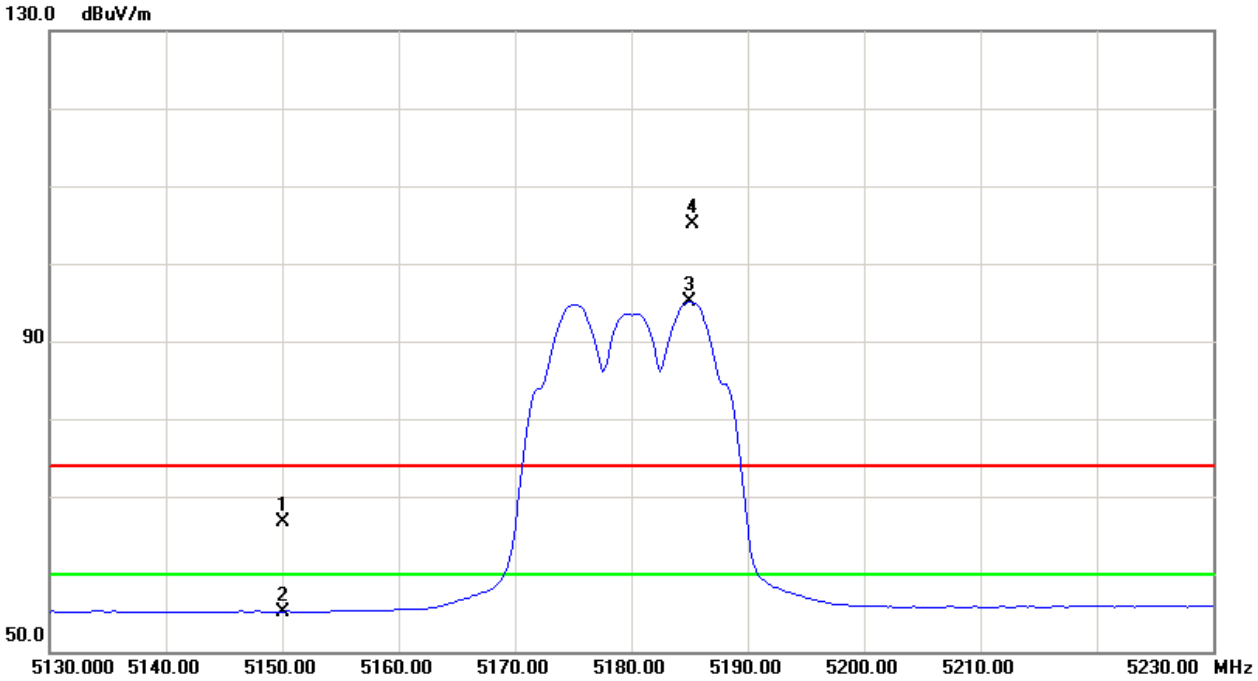
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

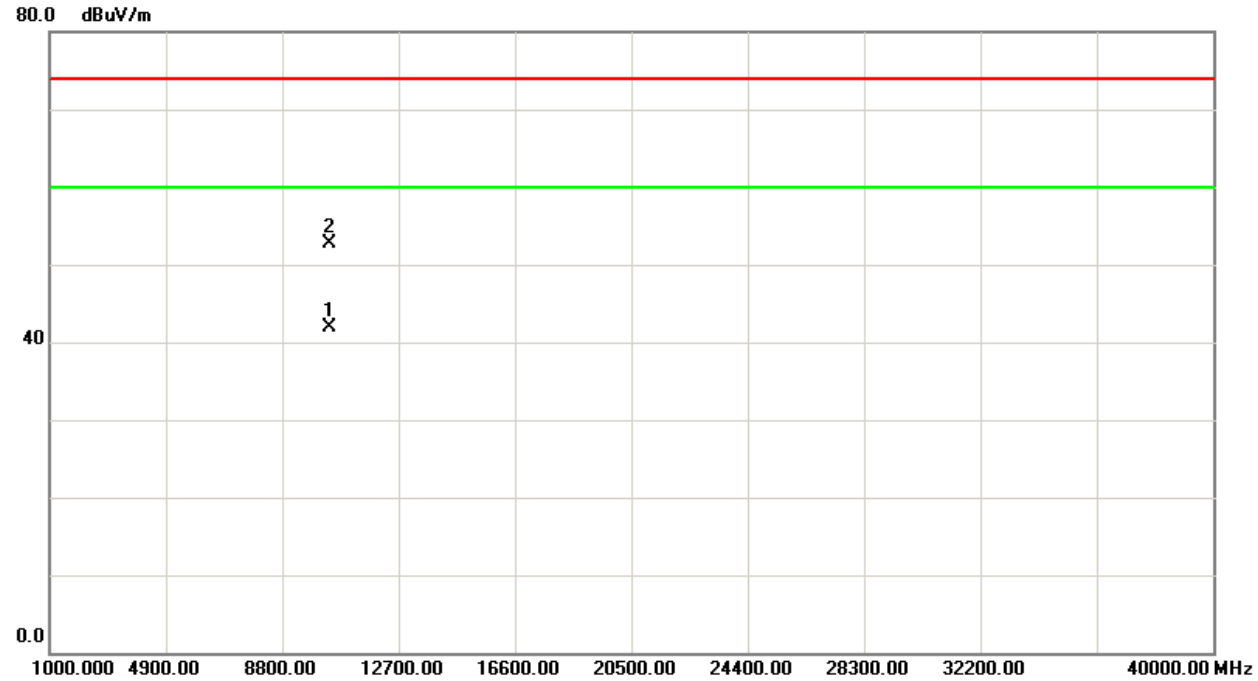
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBuV/m)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	27.52	15.19	40.09	67.61	55.28	-31.16	-43.49	80.00	60.00	-24.77	-44.77	X/E
5186.50	H	68.00	57.99	40.19	108.19	98.18	9.42	-0.59					X/F
10360.29	H	38.41	27.29	13.73	52.14	41.02	-46.63	-57.75	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

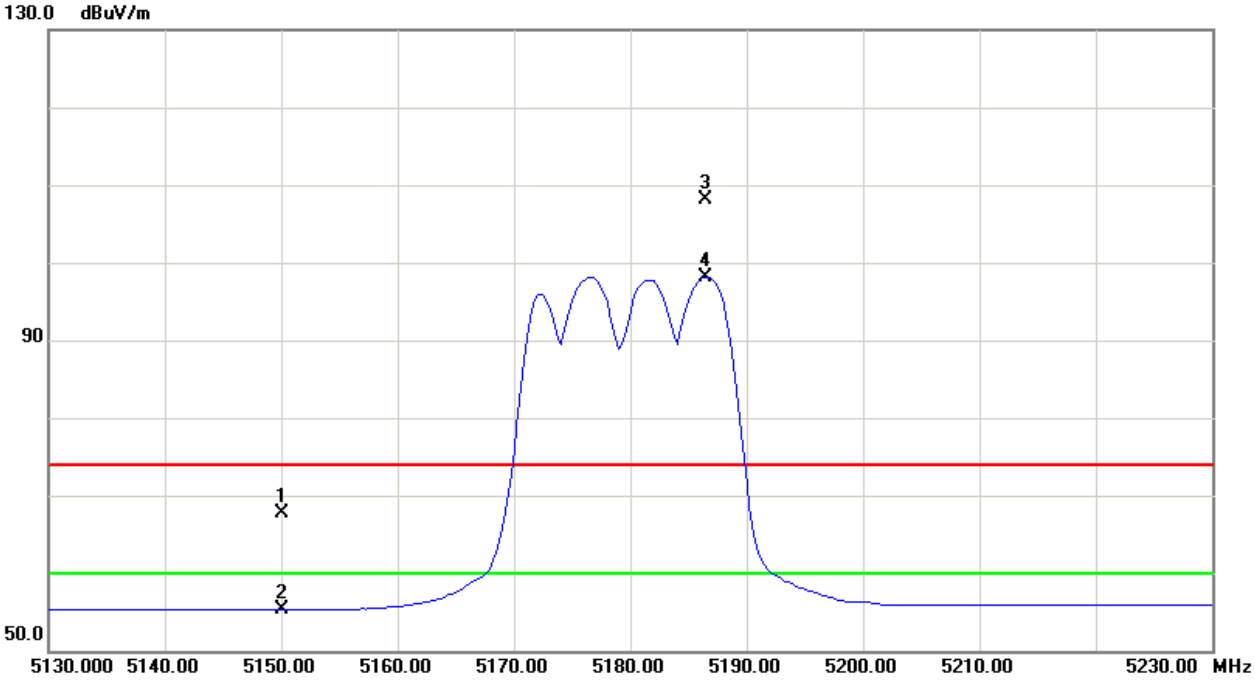
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

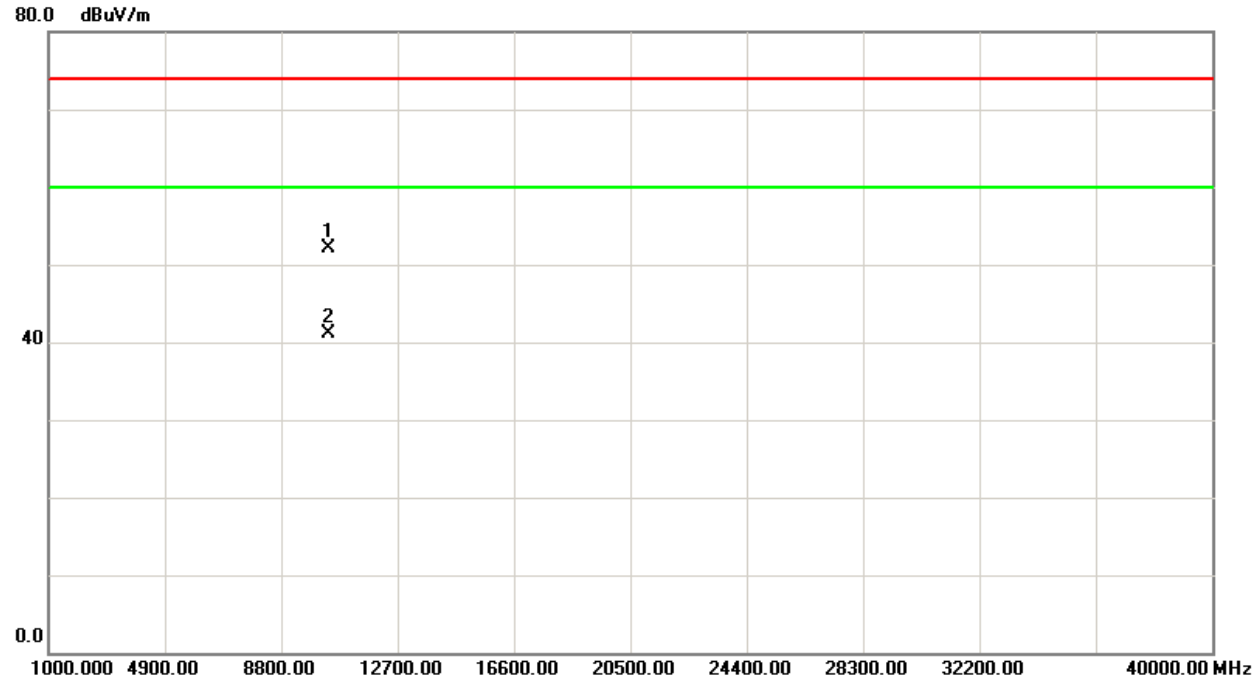
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5194.75	V	66.99	57.18	40.21	107.20	97.39	2.43	-7.38					X/F
10400.07	V	39.48	28.18	13.78	53.26	41.96	-51.51	-62.81	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

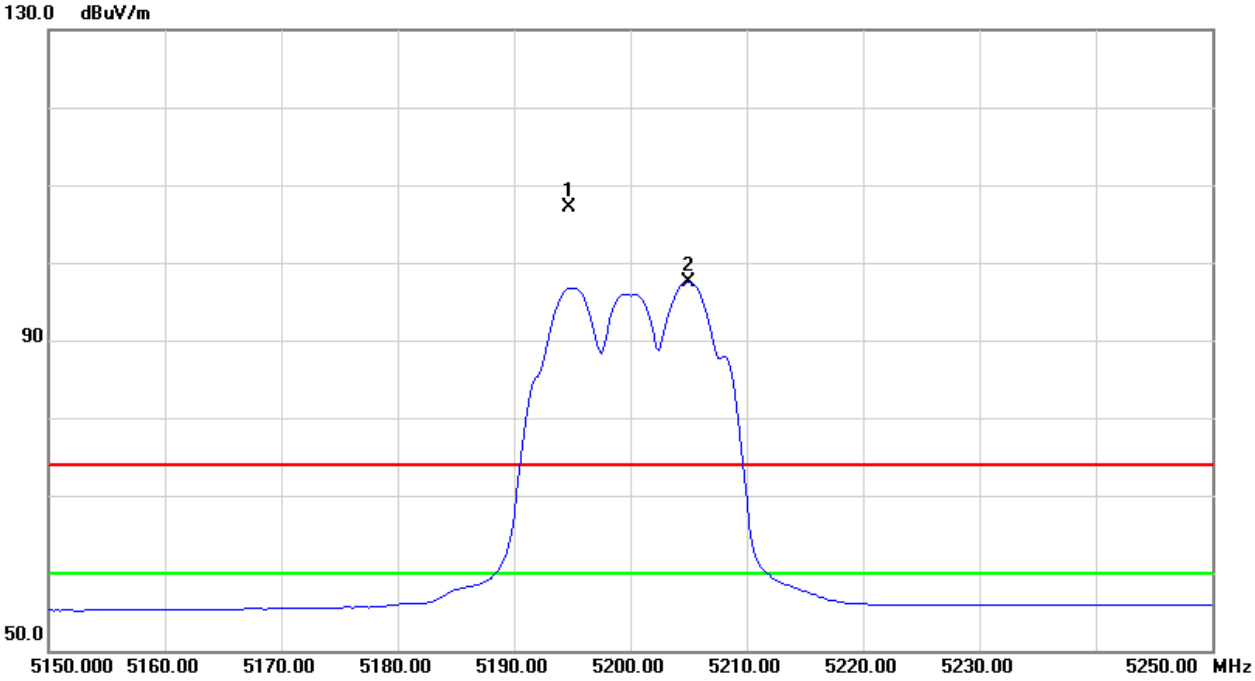
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

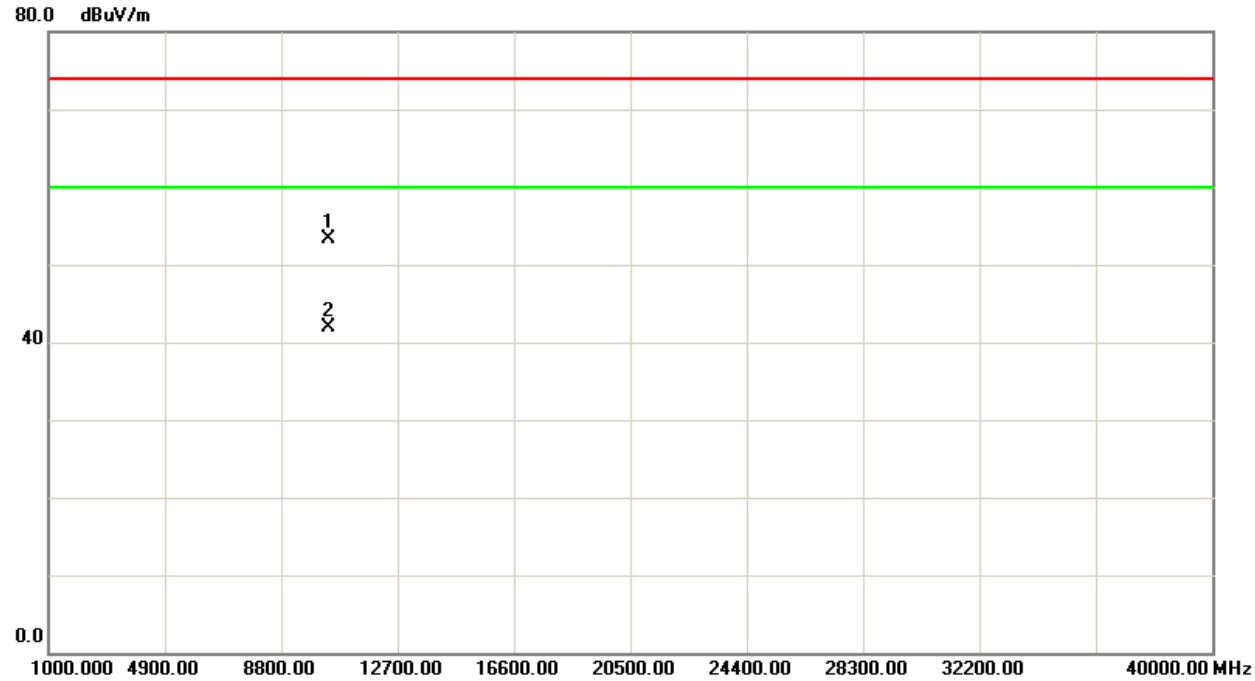
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5201.75	H	68.90	59.22	40.22	109.12	99.44	4.35	-5.33					X/F
10400.23	H	38.19	27.85	13.78	51.97	41.63	-52.80	-63.14	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

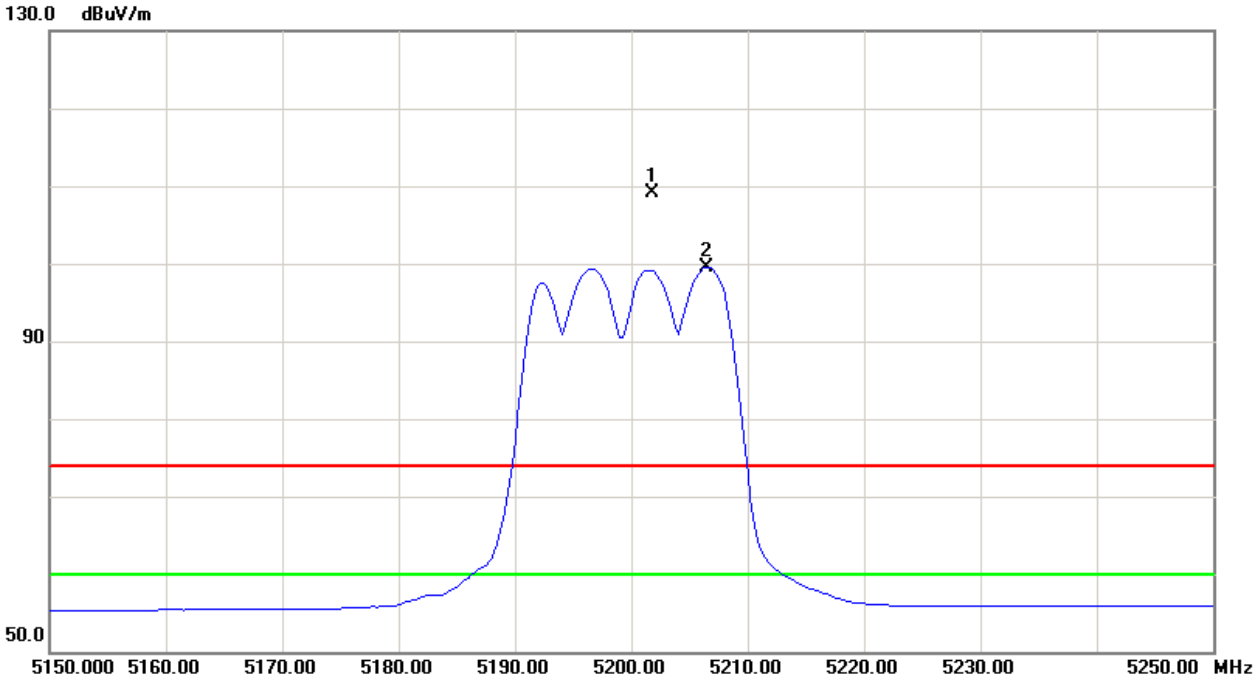
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

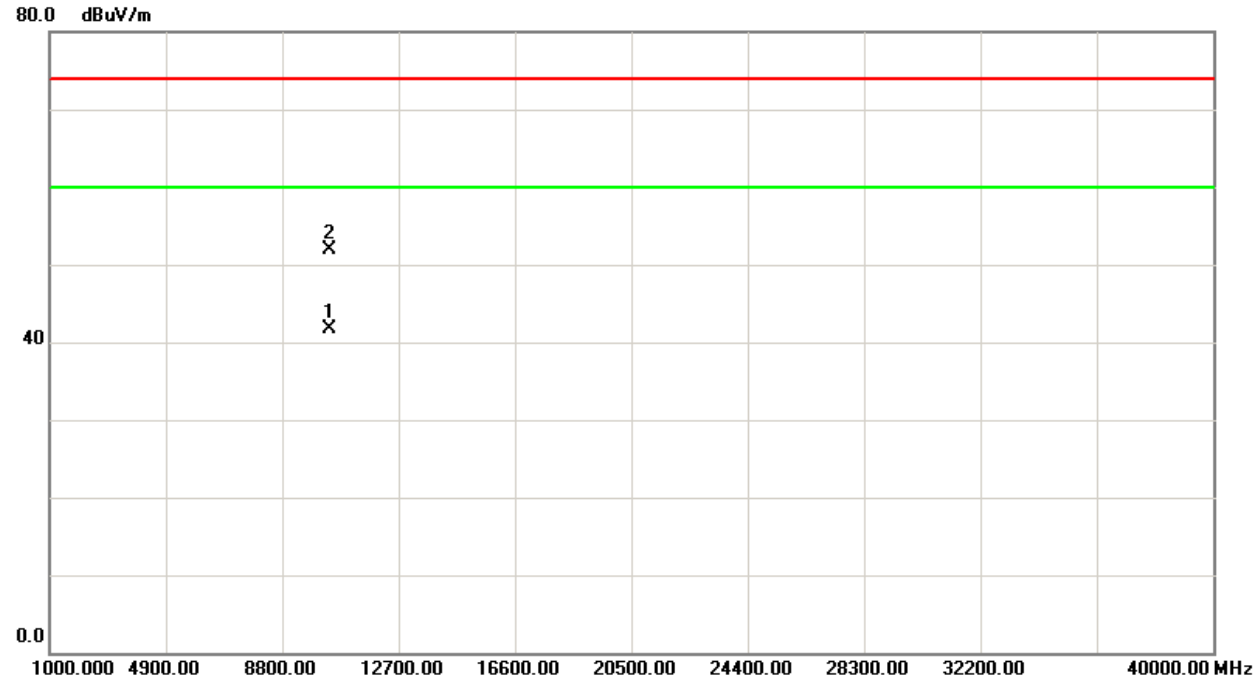
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5233.00	V	64.89	55.38	40.31	105.20	95.69	0.43	-9.08					X/F
10480.07	V	40.09	28.44	13.87	53.96	42.31	-50.81	-62.46	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

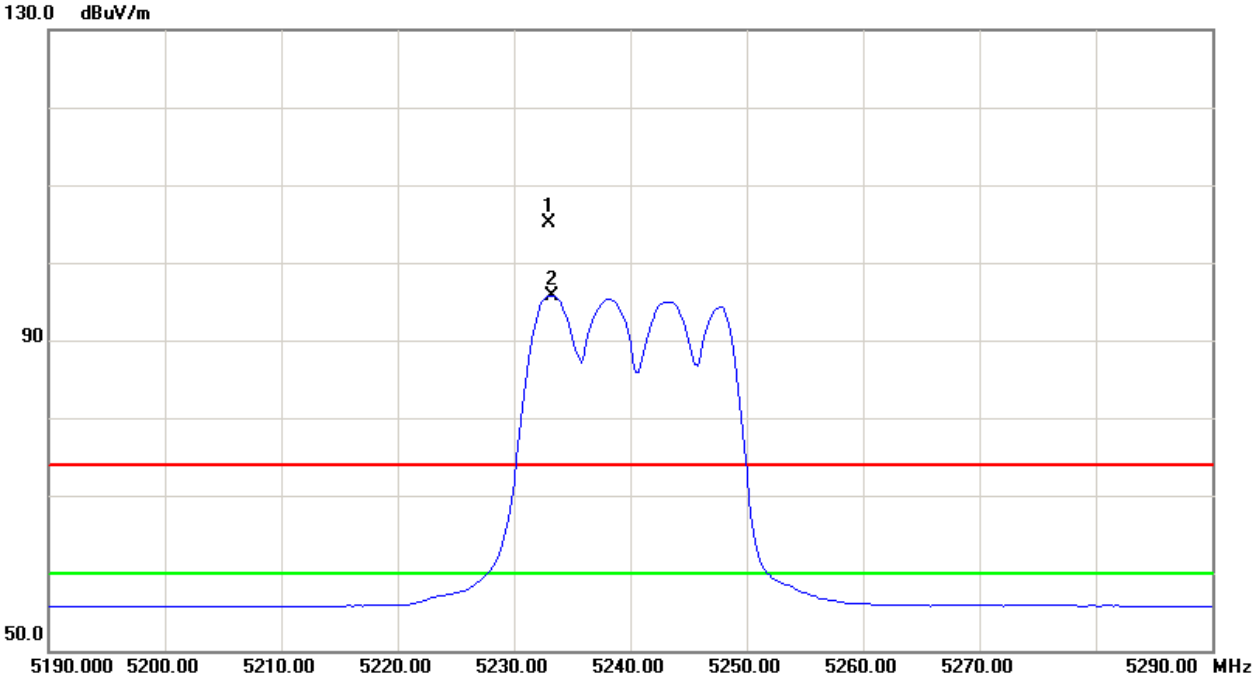
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

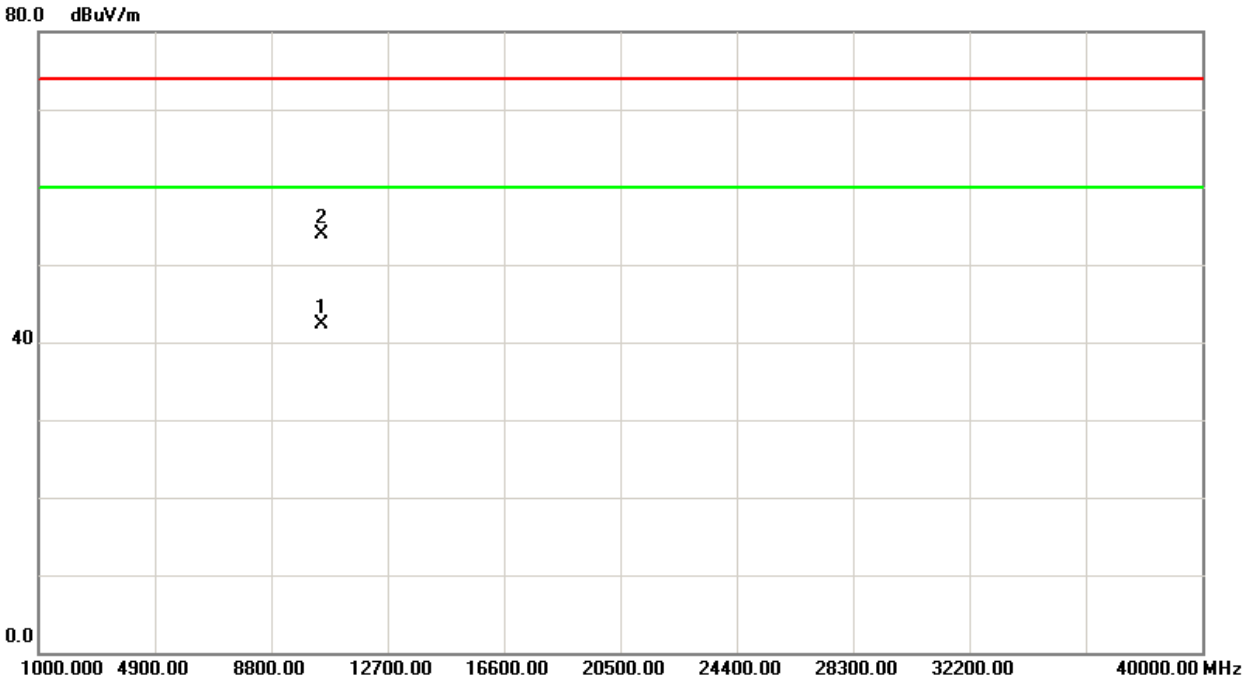
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX A Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5246.00	H	70.37	60.10	40.34	110.71	100.44	5.94	-4.33					X/F
10480.27	H	38.99	27.85	13.87	52.86	41.72	-51.91	-63.05	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

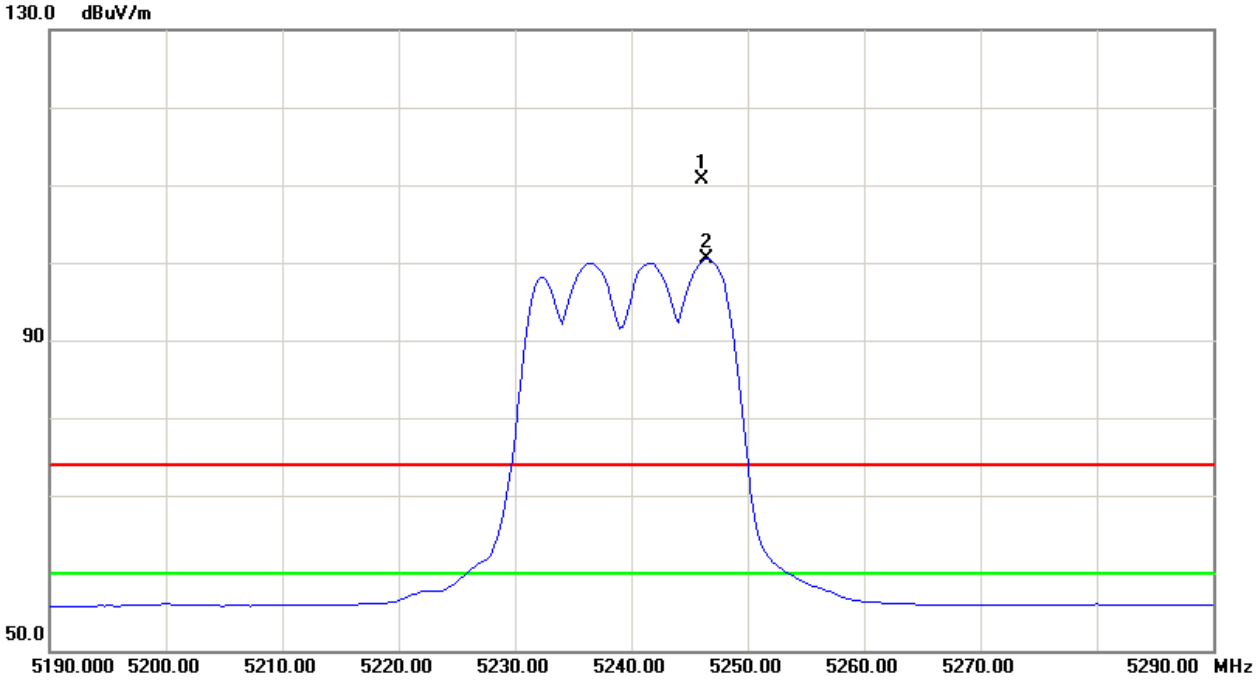
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

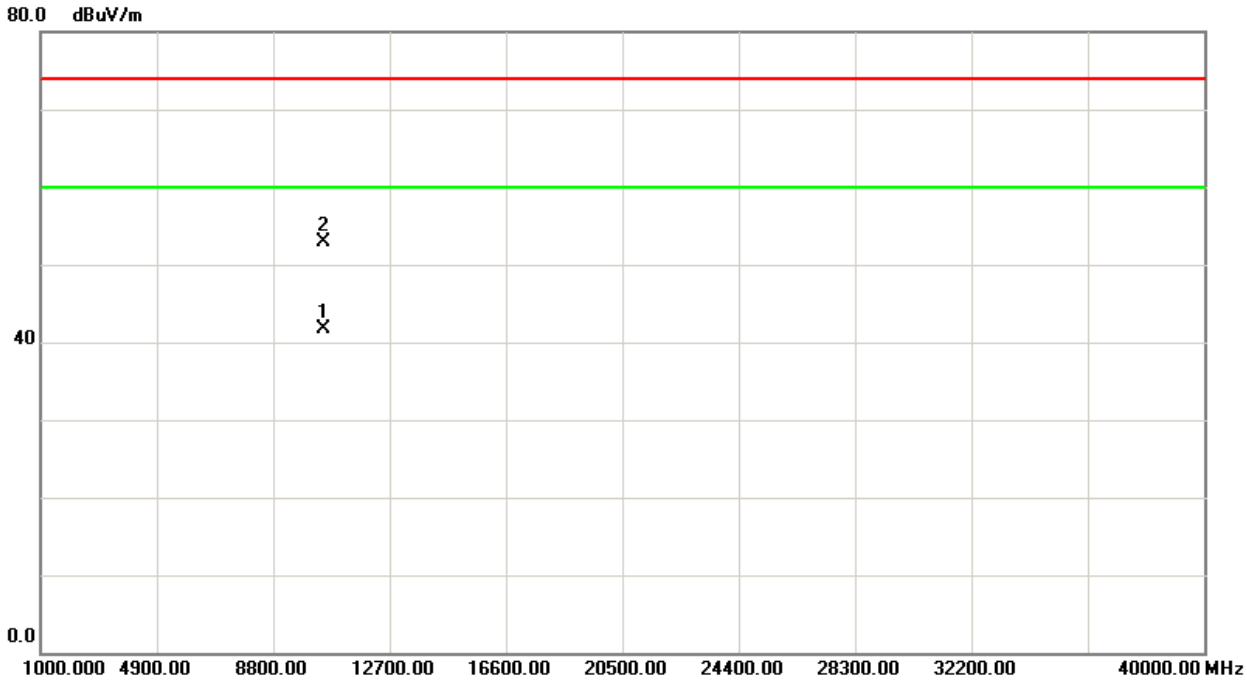
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	25.91	15.13	40.09	66.00	55.22	-38.77	-49.55	80.00	60.00	-24.77	-44.77	X/E
5176.25	V	66.05	54.51	40.16	106.21	94.67	1.44	-10.10					X/F
10360.28	V	38.78	27.03	13.73	52.51	40.76	-52.26	-64.01	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

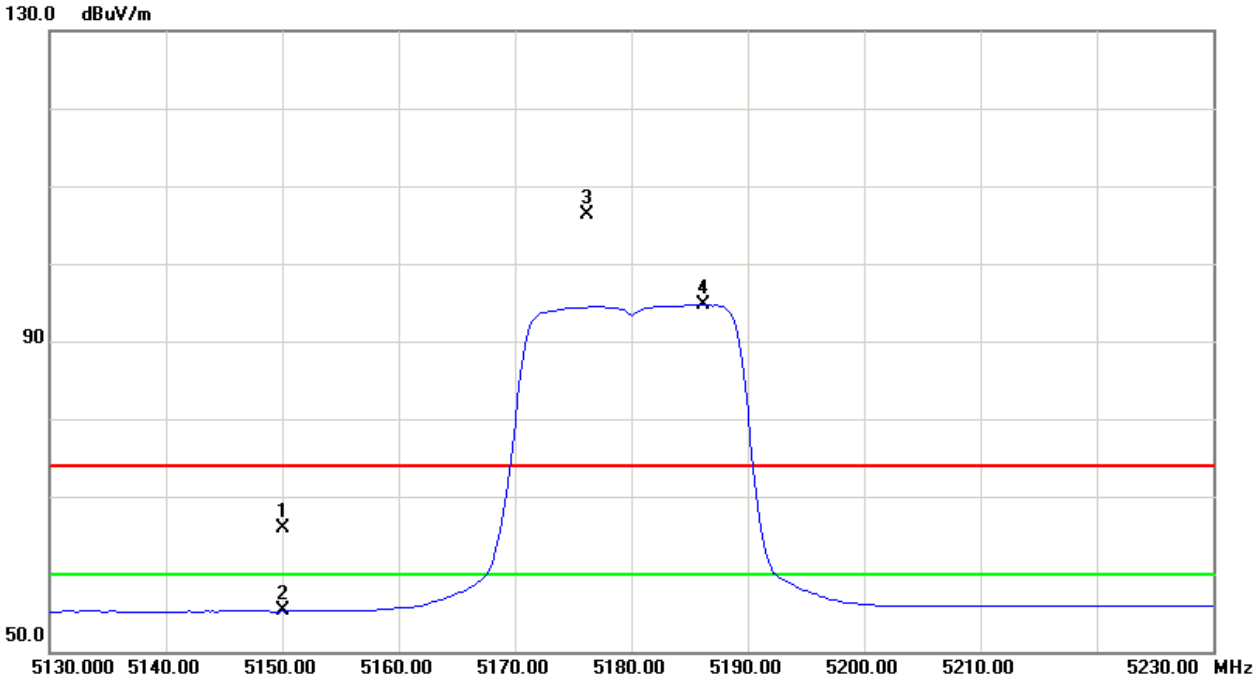
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

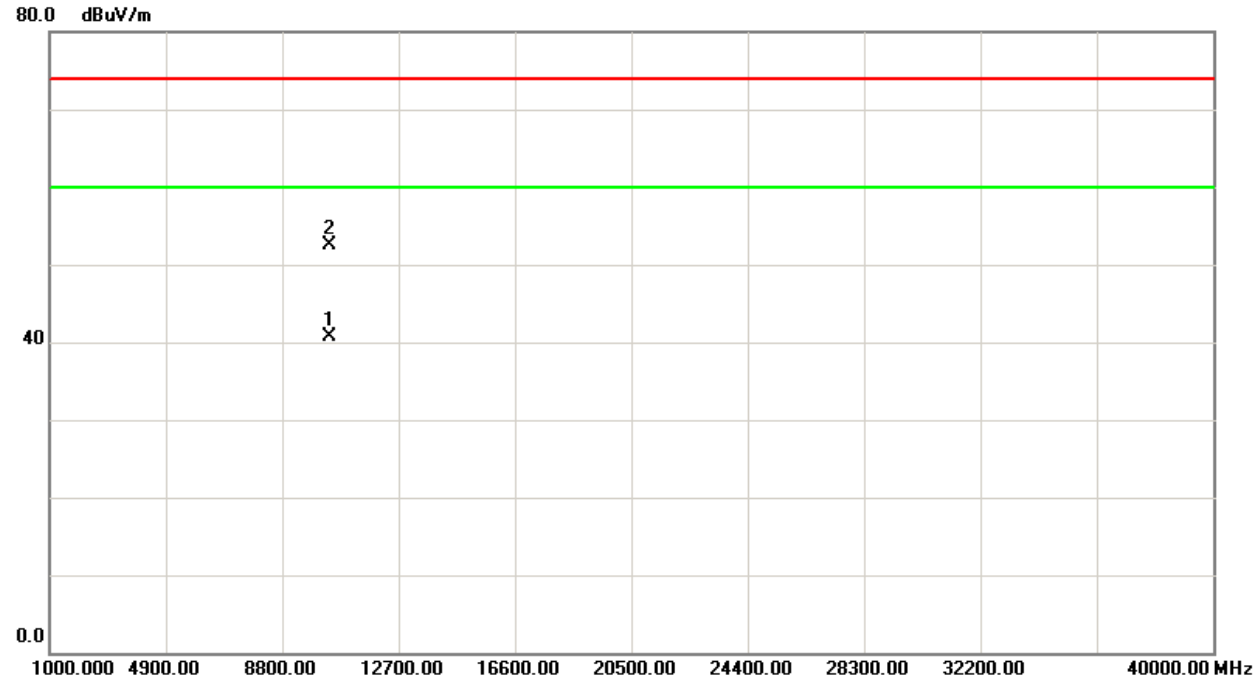
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	26.87	15.24	40.09	66.96	55.33	-37.81	-49.44	80.00	60.00	-24.77	-44.77	X/E
5176.25	H	68.17	57.43	40.16	108.33	97.59	3.56	-7.18					X/F
10360.38	H	36.98	27.32	13.73	50.71	41.05	-54.06	-63.72	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

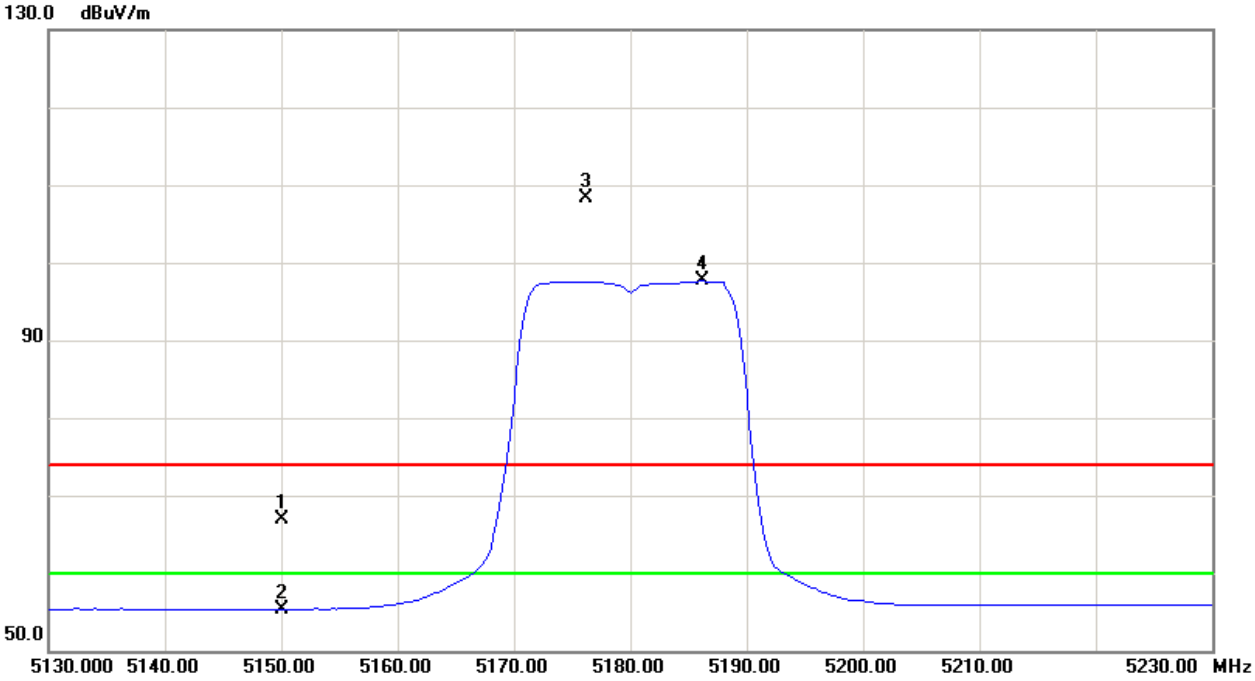
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

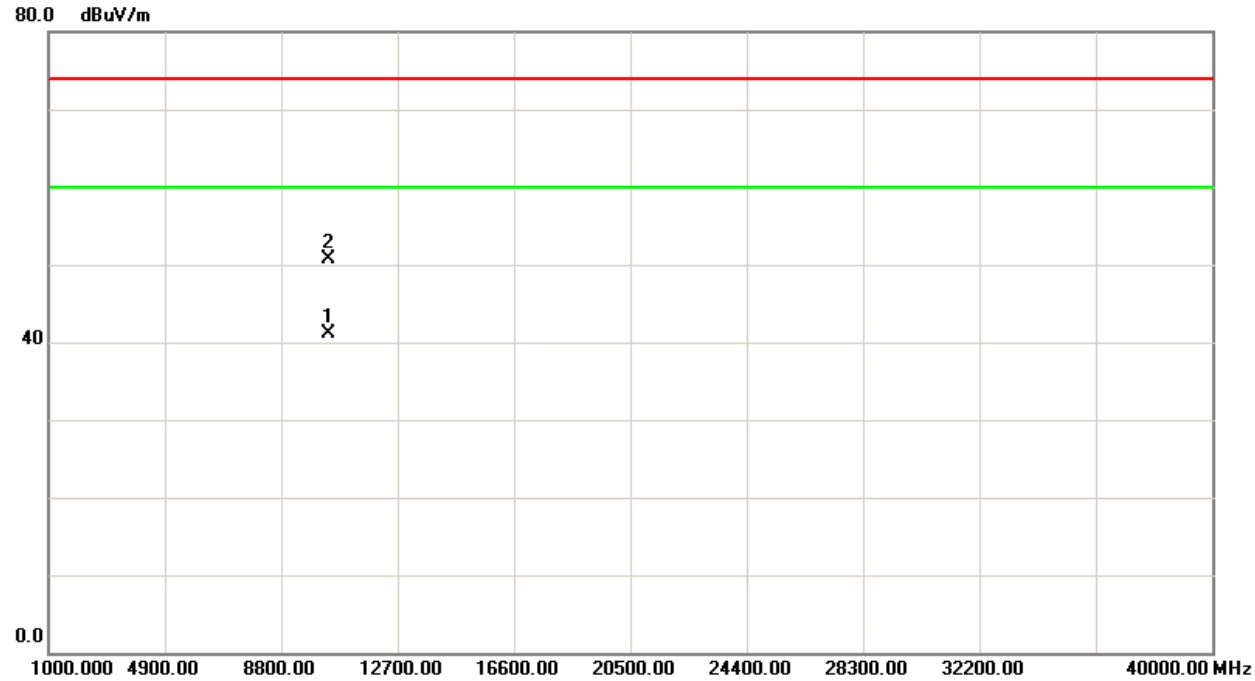
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5206.50	V	62.63	54.87	40.24	102.87	95.11	-1.90	-9.66					X/F
10400.35	V	39.00	28.18	13.78	52.78	41.96	-51.99	-62.81	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

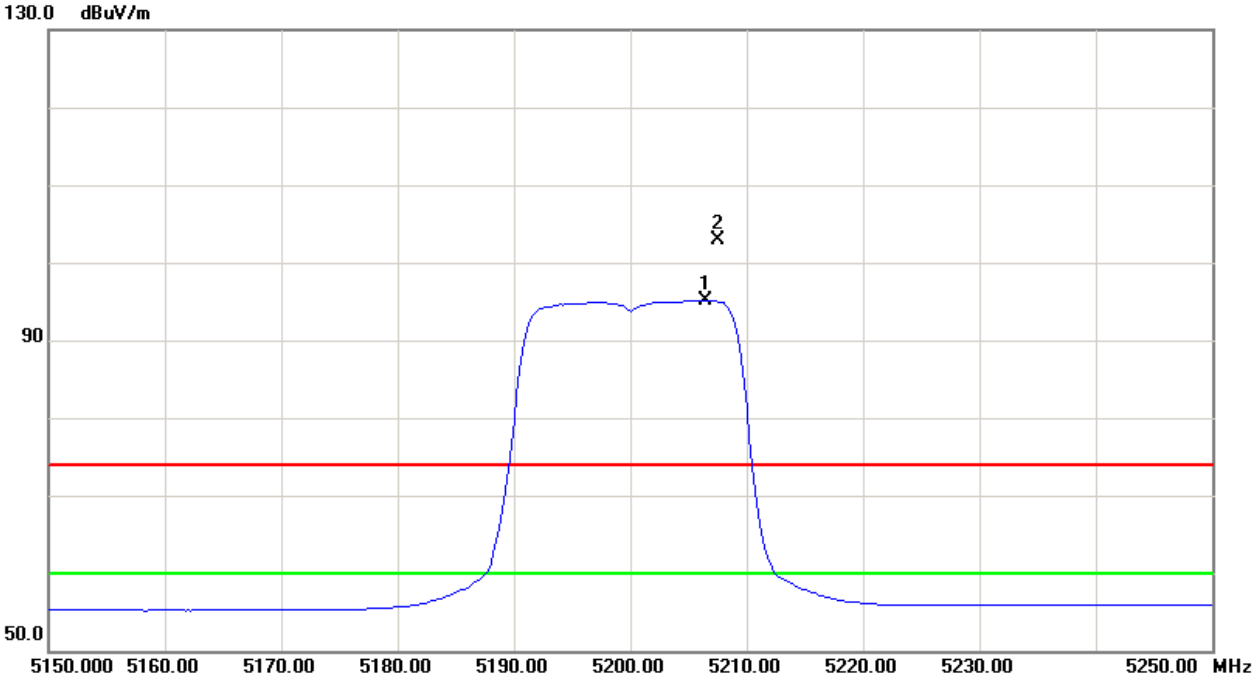
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

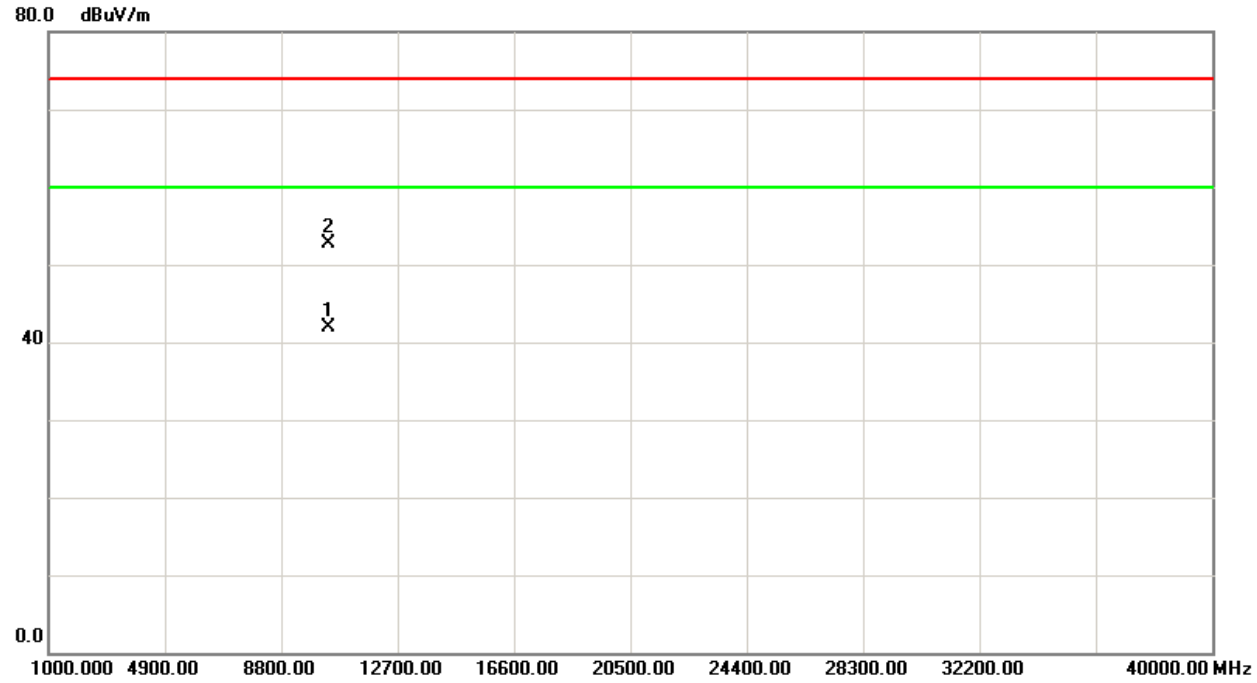
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5194.25	H	66.91	57.42	40.21	107.12	97.63	2.35	-7.14					X/F
10400.53	H	38.08	26.76	13.78	51.86	40.54	-52.91	-64.23	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

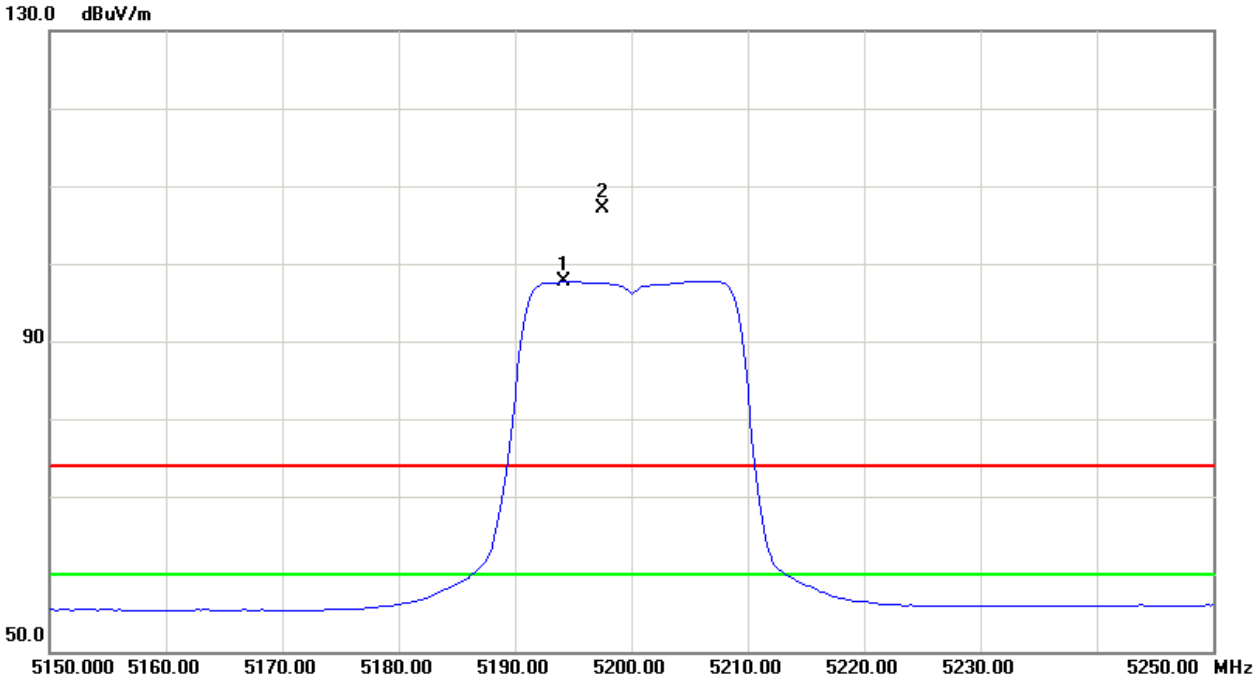
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

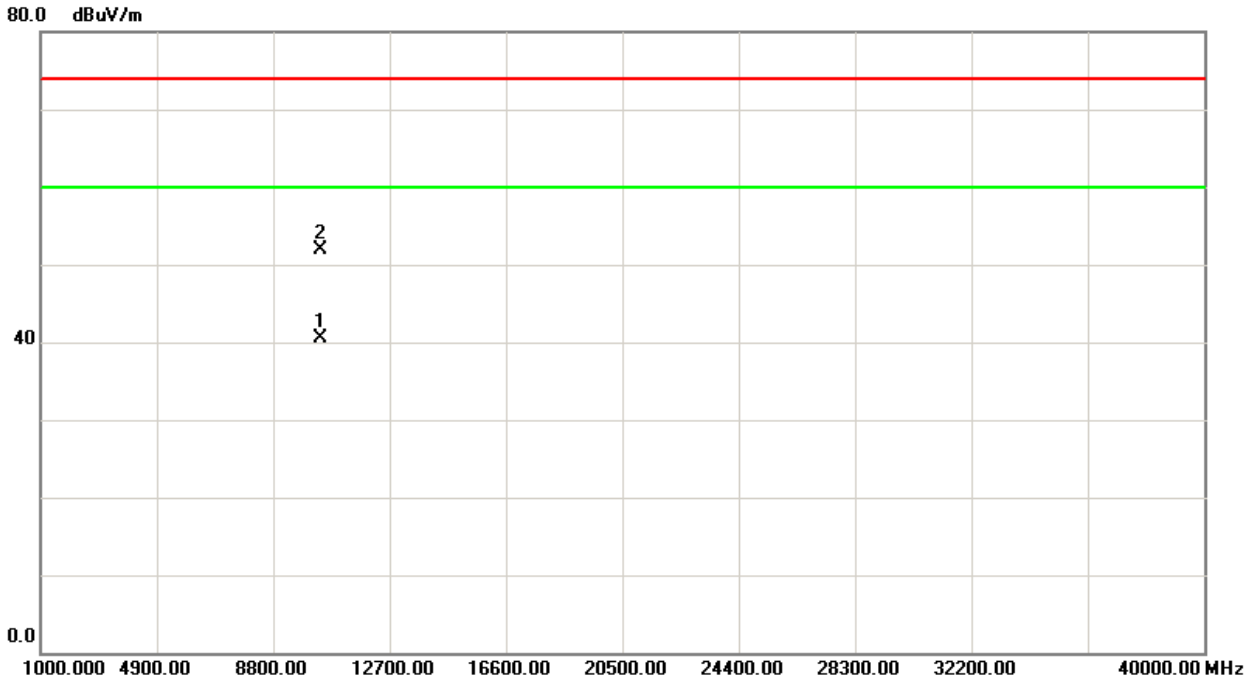
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5244.75	V	64.81	54.34	40.34	105.15	94.68	0.38	-10.09					X/F
10480.17	V	39.15	28.26	13.87	53.02	42.13	-51.75	-62.64	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

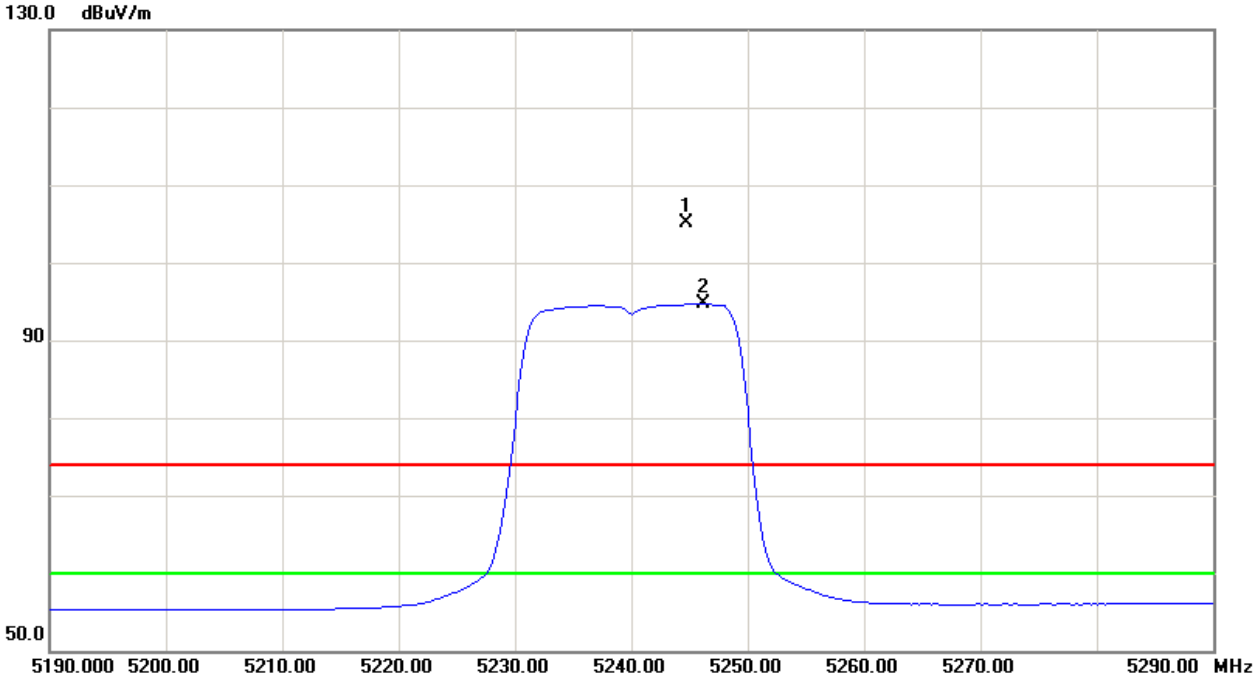
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

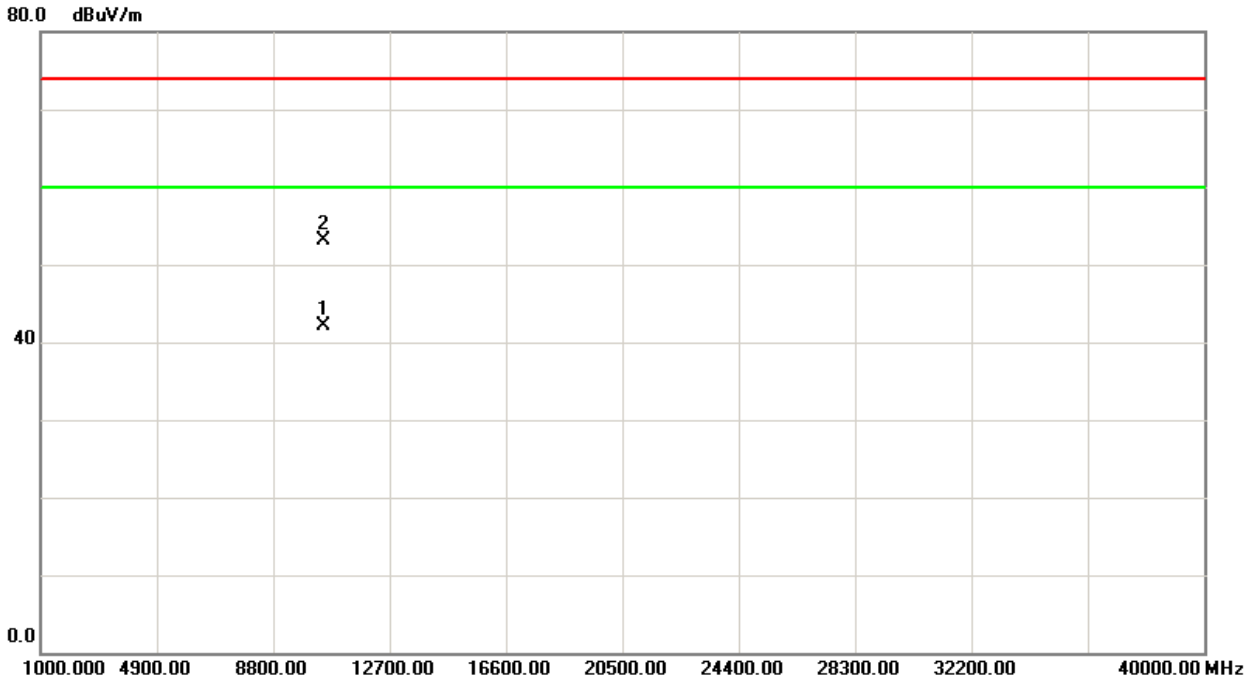
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5241.50	H	66.45	56.92	40.32	106.77	97.24	2.00	-7.53					X/F
10480.32	H	38.04	27.85	13.87	51.91	41.72	-52.86	-63.05	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

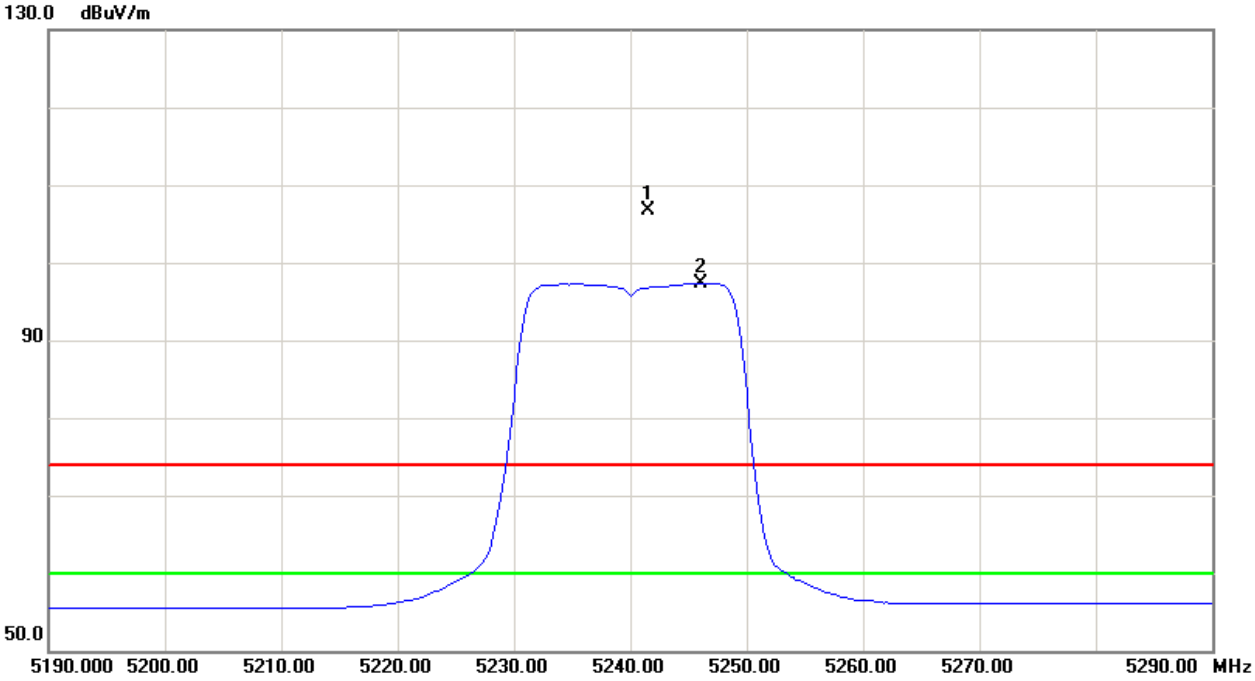
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

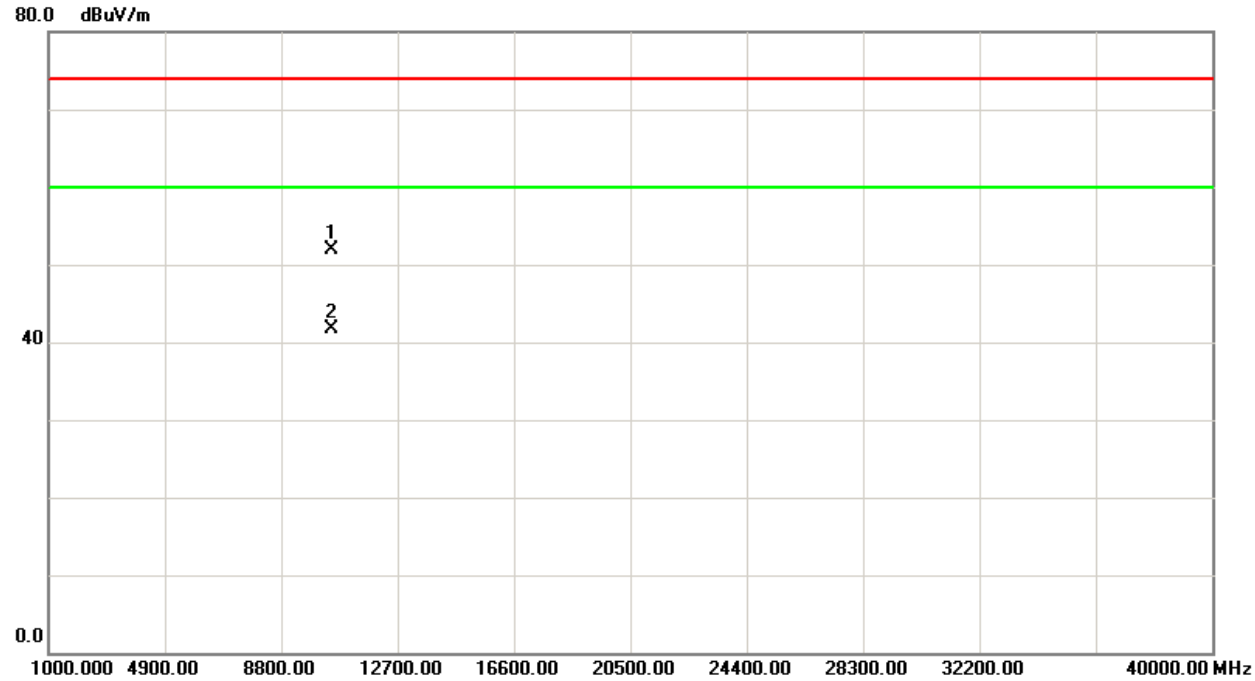
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	27.42	15.16	40.09	67.51	55.25	-37.26	-49.52	80.00	60.00	-24.77	-44.77	X/E
5206.00	V	60.60	48.93	40.23	100.83	89.16	-3.94	-15.61					X/F
10380.23	V	37.30	26.20	13.76	51.06	39.96	-53.71	-64.81	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

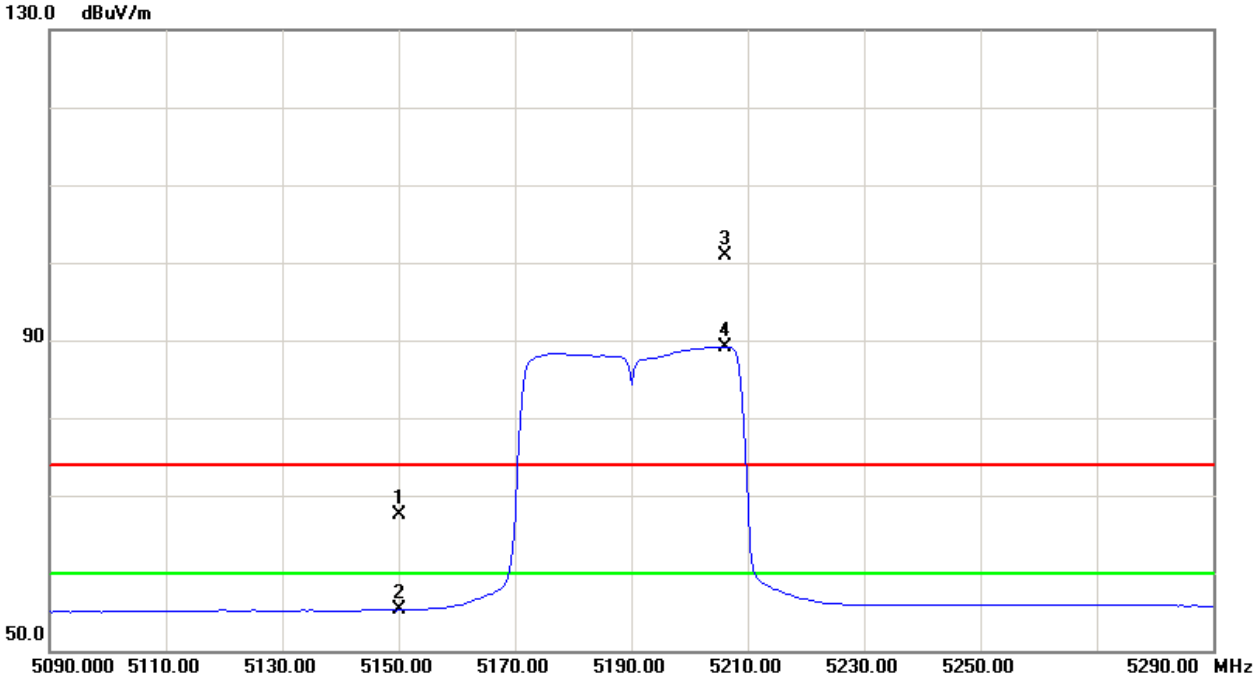
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

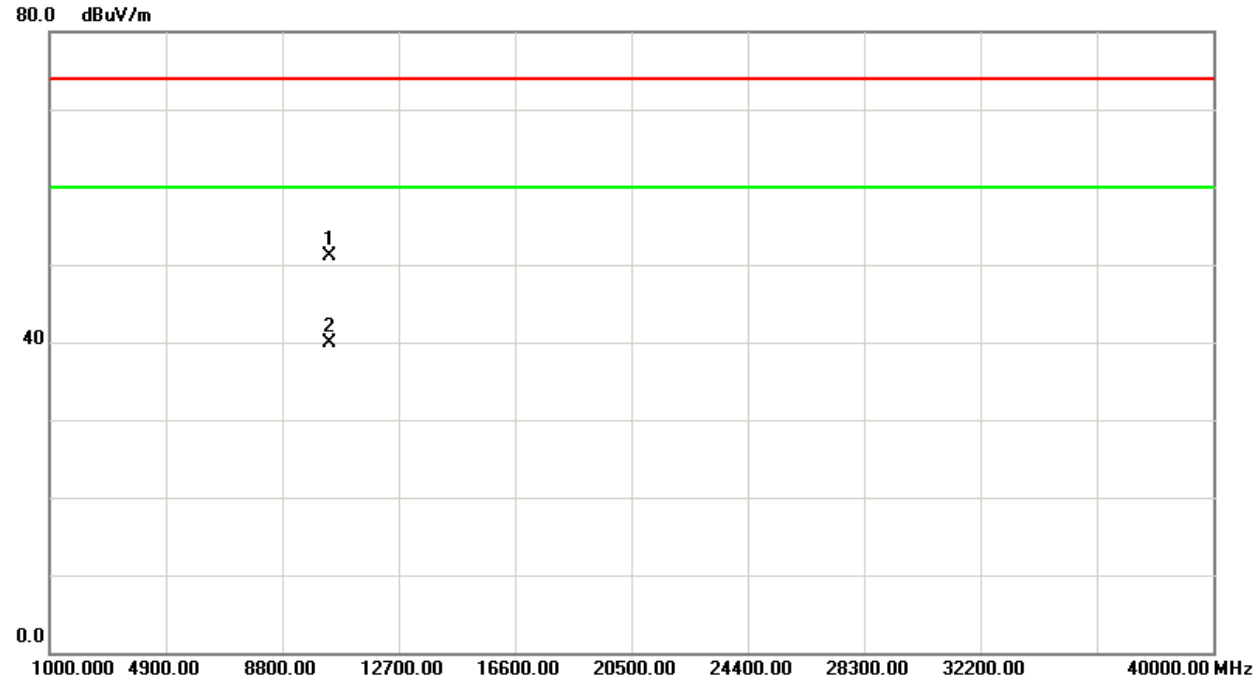
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	27.52	15.29	40.09	67.61	55.38	-37.16	-49.39	80.00	60.00	-24.77	-44.77	X/E
5178.00	H	63.23	51.27	40.16	103.39	91.43	-1.38	-13.34					X/F
10380.24	H	36.66	25.77	13.76	50.42	39.53	-54.35	-65.24	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

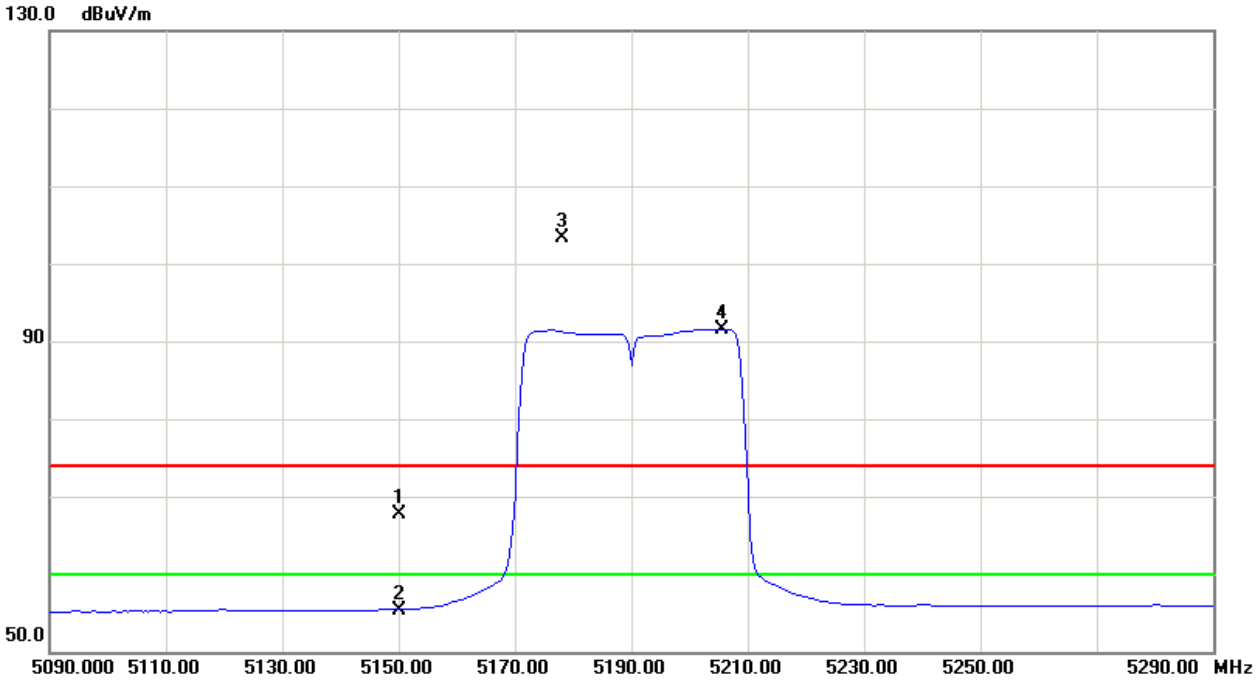
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

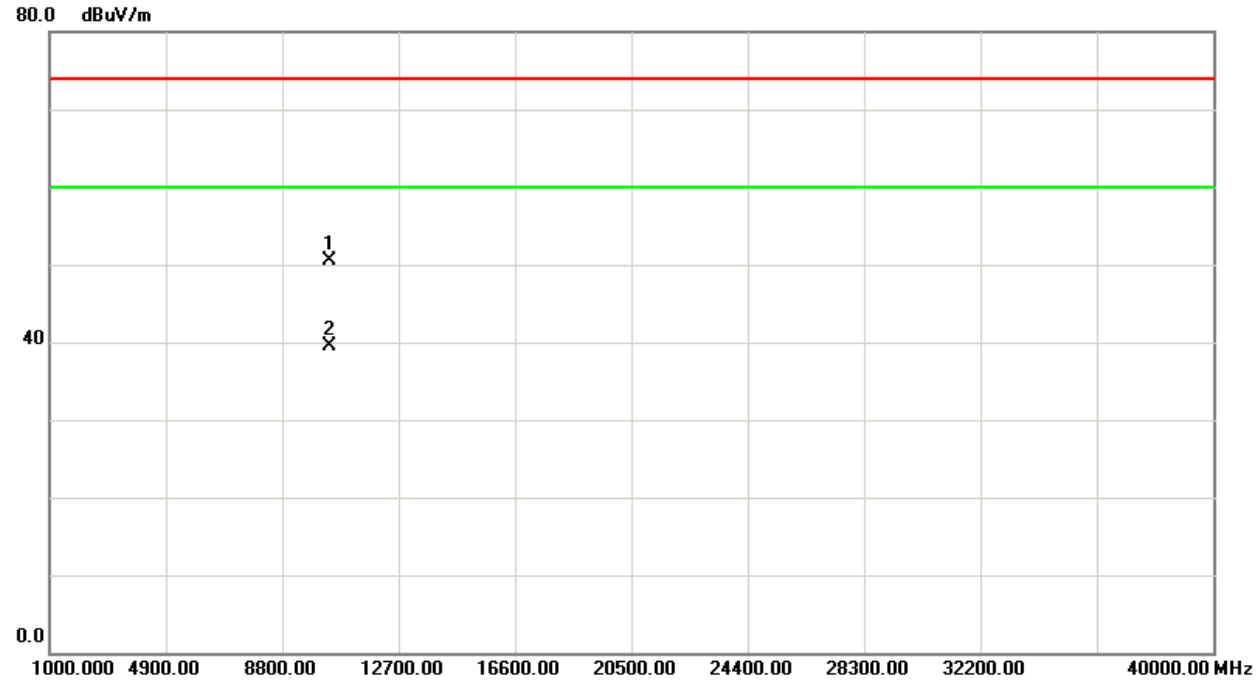
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5217.50	V	63.87	52.63	40.26	104.13	92.89	-0.64	-11.88					X/F
10460.05	V	37.41	26.32	13.85	51.26	40.17	-53.51	-64.60	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

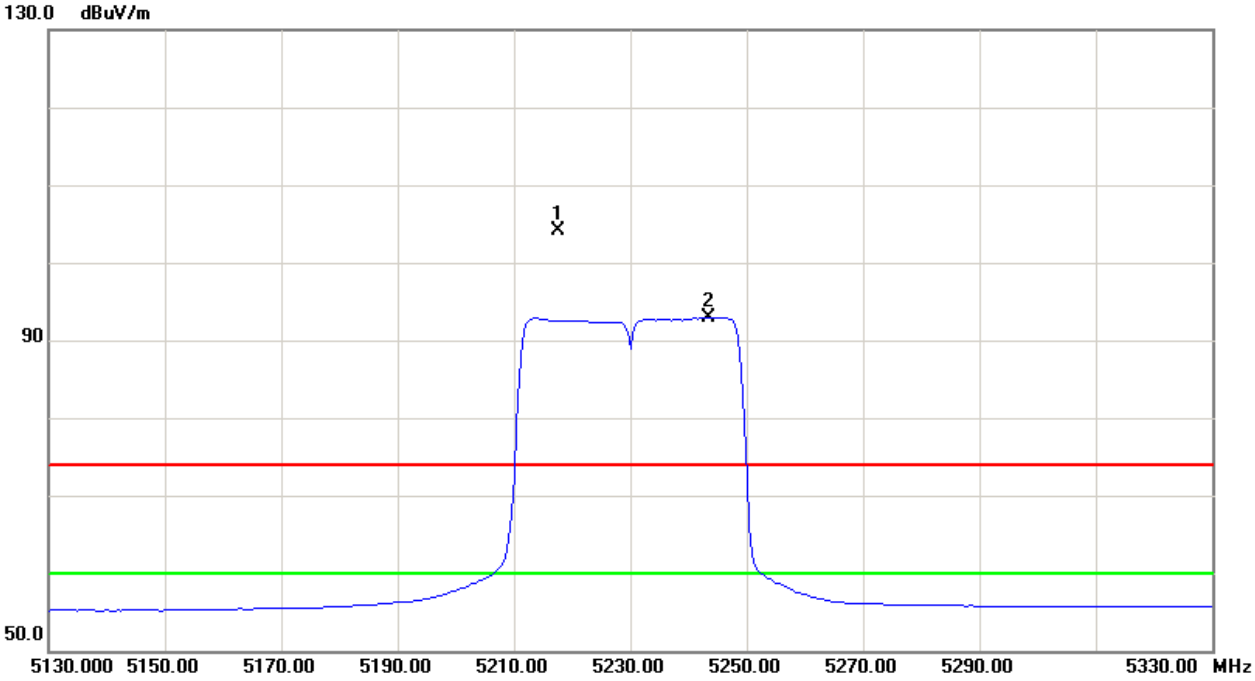
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

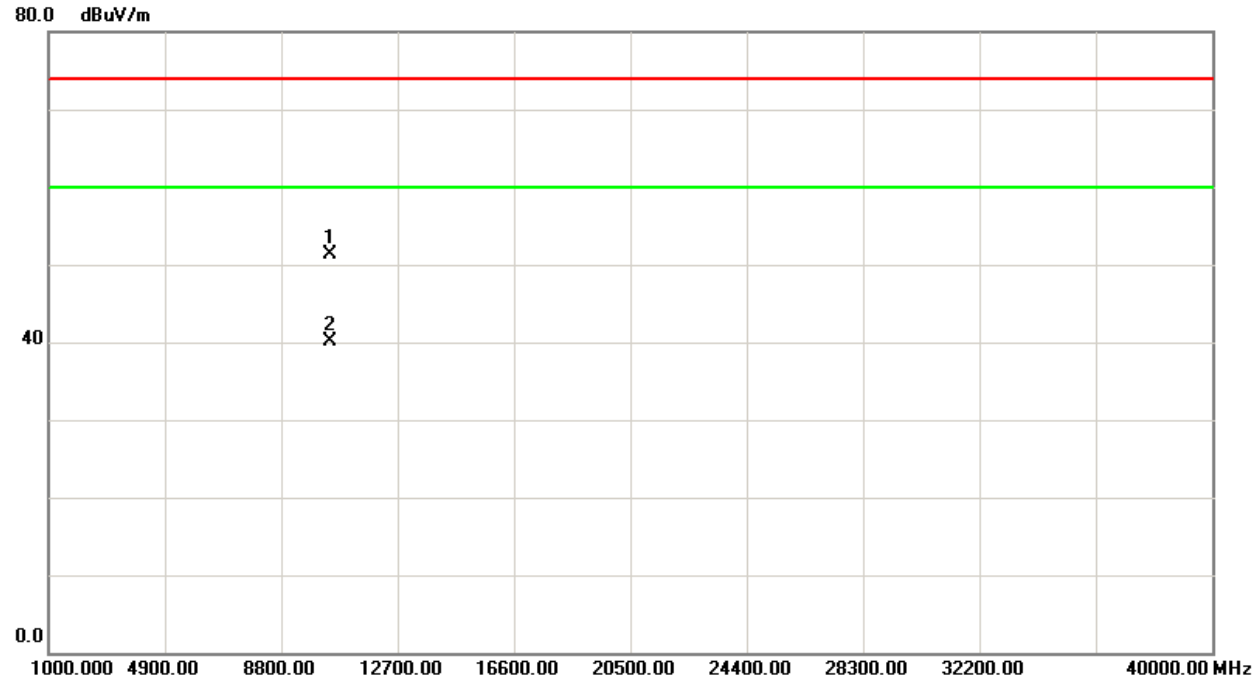
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5243.50	H	66.27	55.01	40.33	106.60	95.34	1.83	-9.43					X/F
10460.20	H	36.20	25.29	13.85	50.05	39.14	-54.72	-65.63	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

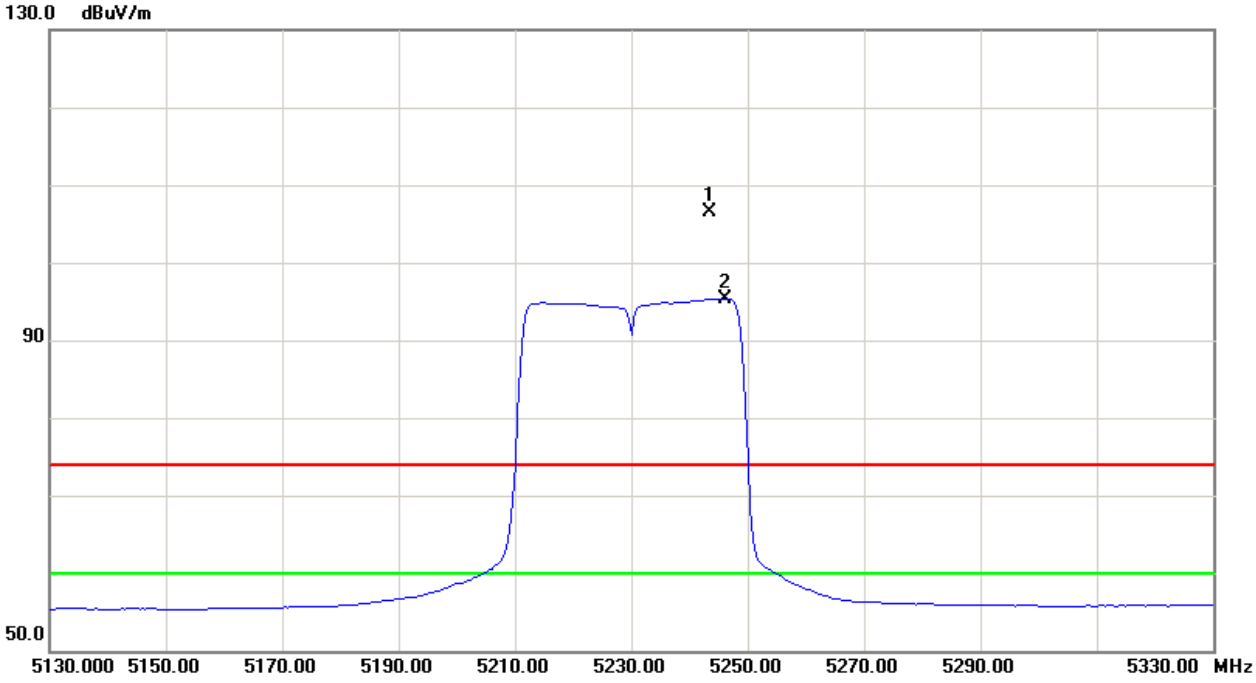
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

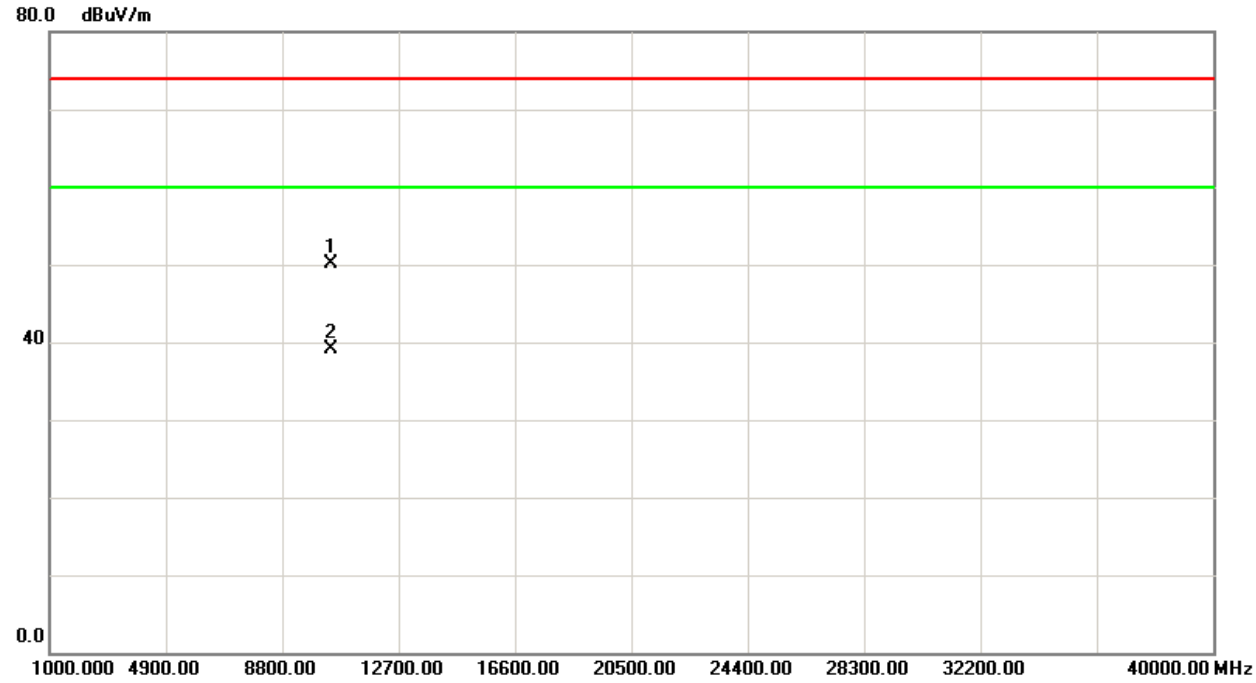
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5253.00	V	66.19	55.92	40.37	106.56	96.29	1.79	-8.48					X/F
10519.84	V	39.08	28.25	13.90	52.98	42.15	-51.79	-62.62	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

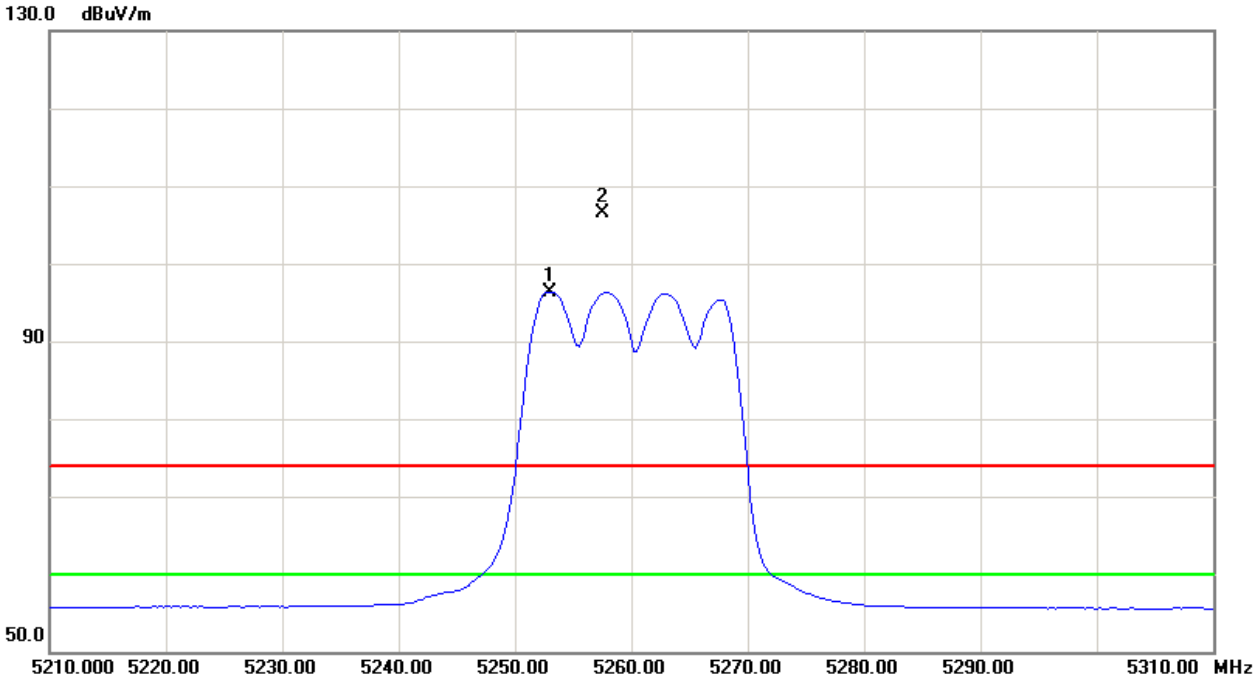
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

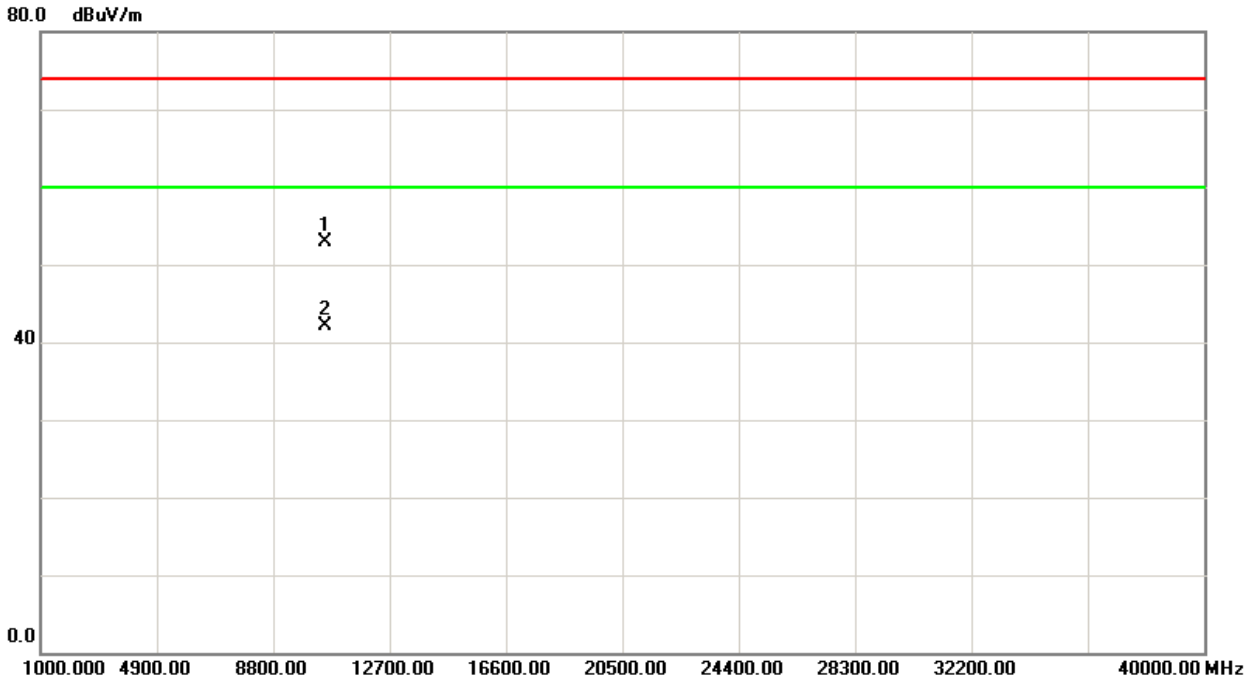
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5256.75	H	70.59	60.69	40.37	110.96	101.06	6.19	-3.71					X/F
10519.32	H	38.95	27.72	13.90	52.85	41.62	-51.92	-63.15	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

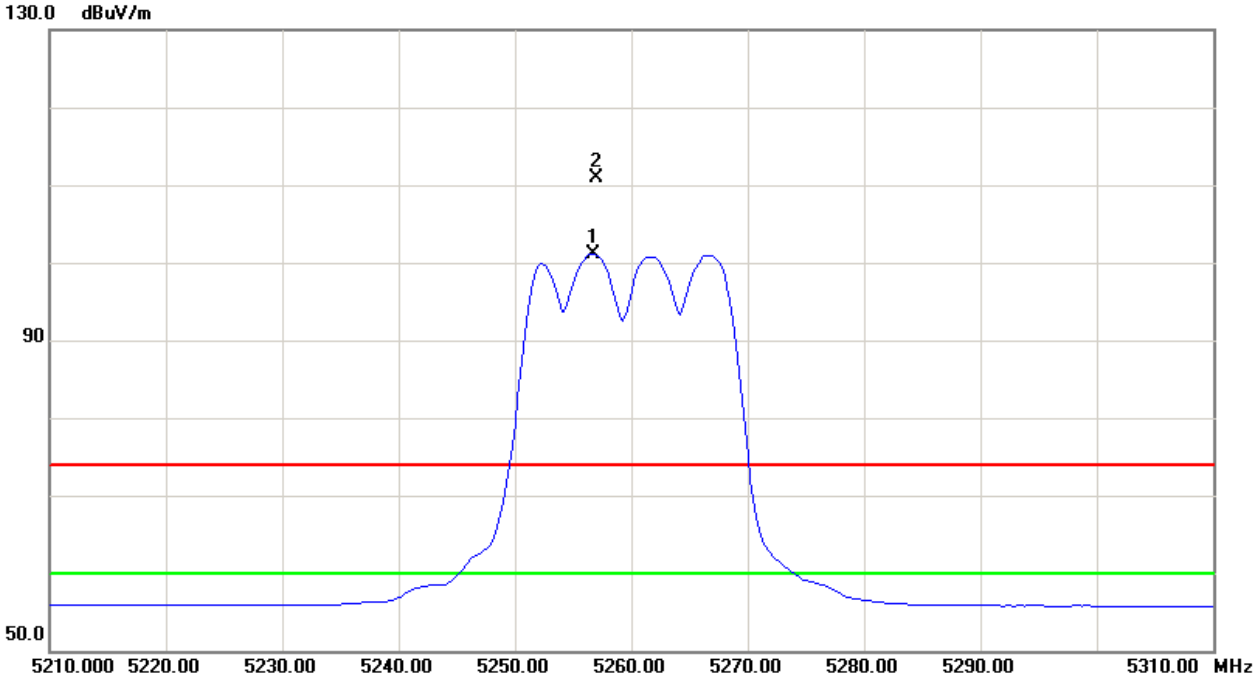
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

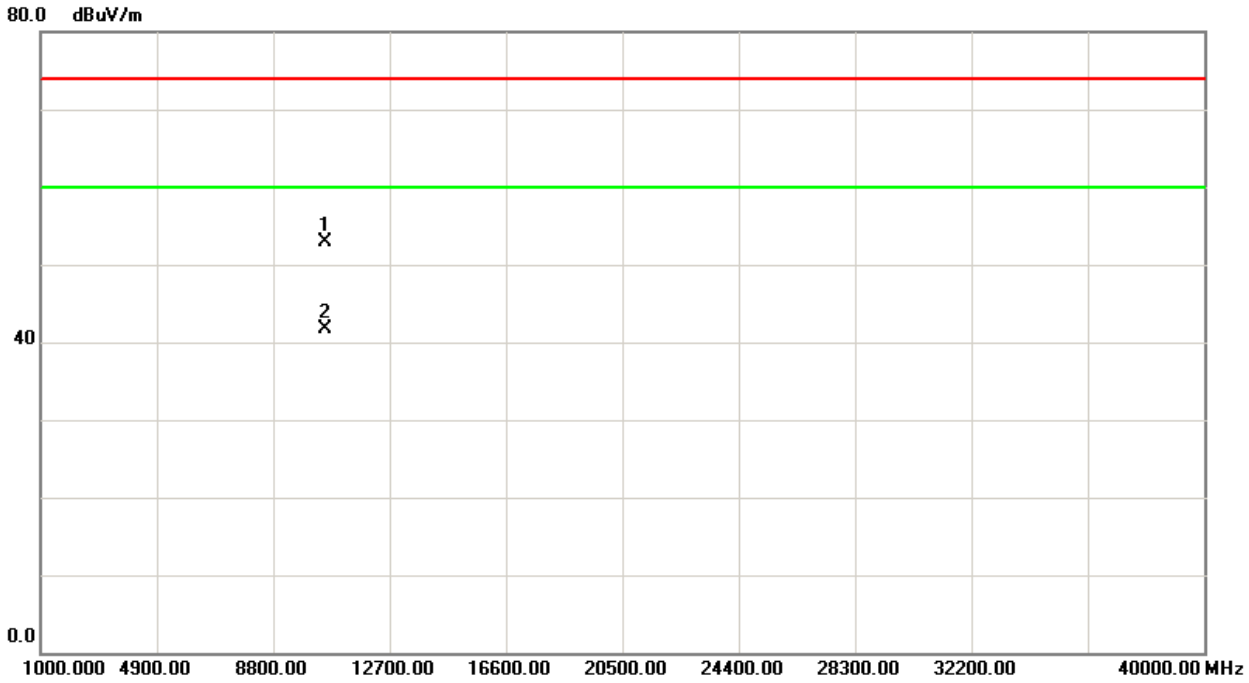
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5283.00	V	66.53	56.83	40.44	106.97	97.27	2.20	-7.50					X/F
10560.27	V	40.06	28.28	13.90	53.96	42.18	-50.81	-62.59	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

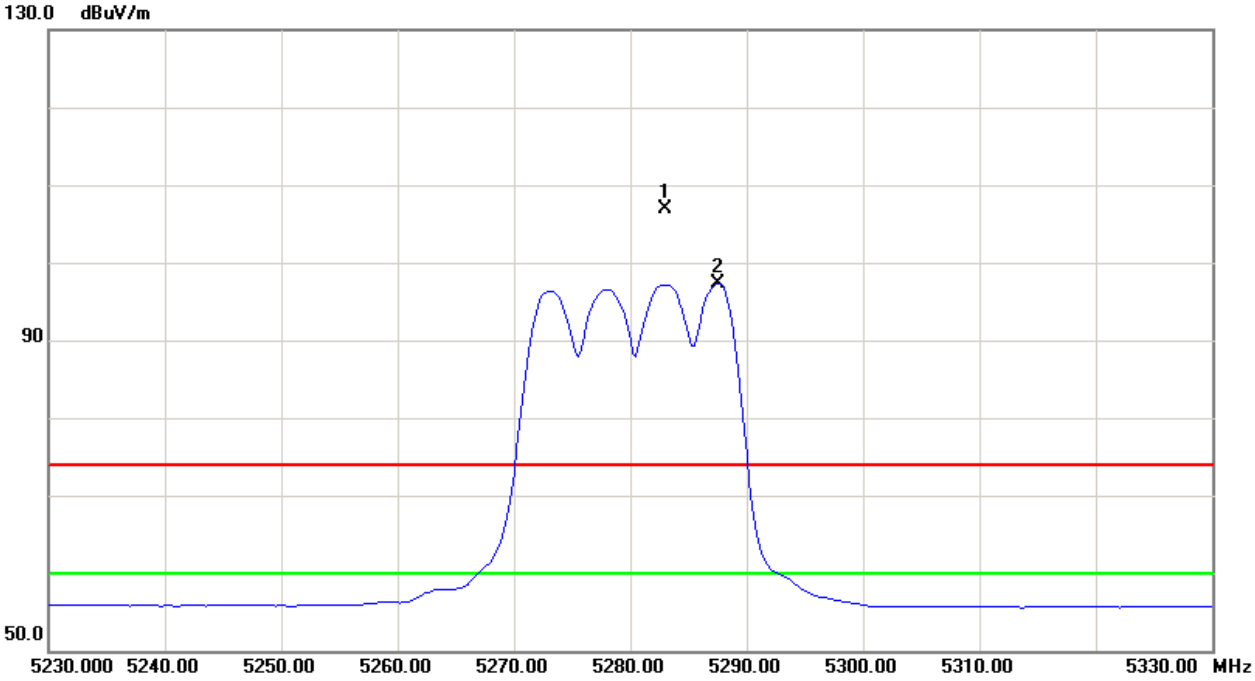
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

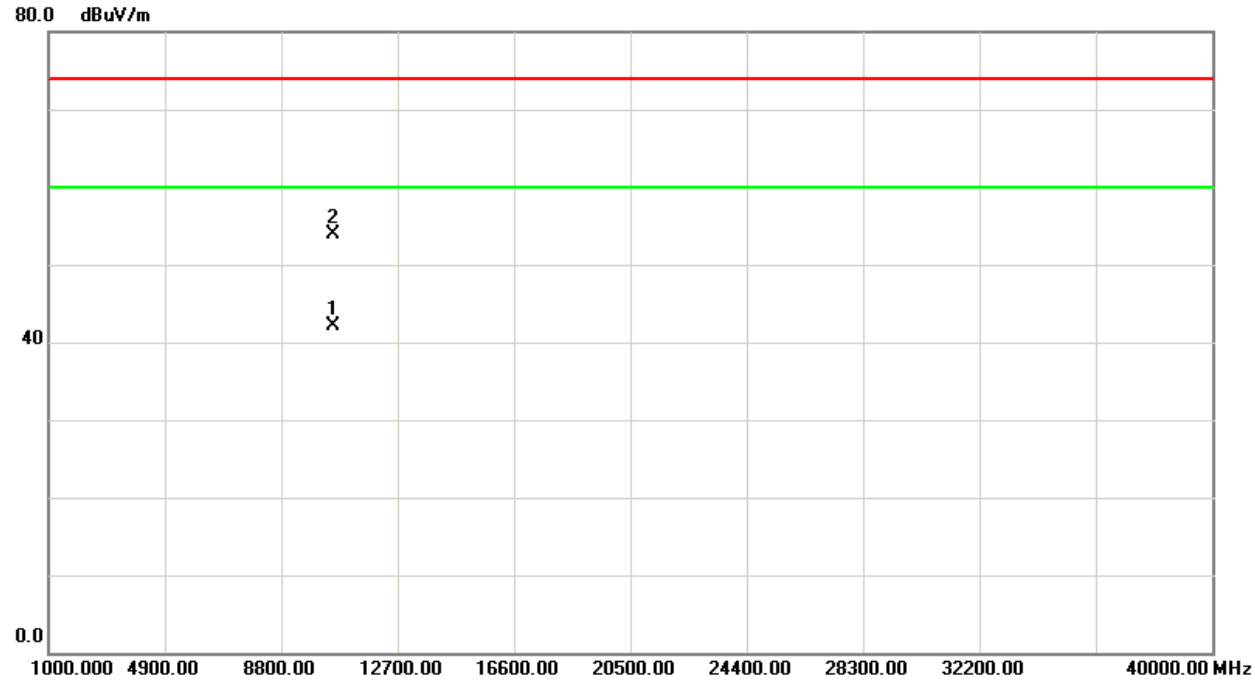
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5286.00	H	71.99	62.17	40.44	112.43	102.61	7.66	-2.16					X/F
10560.18	H	38.07	27.73	13.90	51.97	41.63	-52.80	-63.14	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

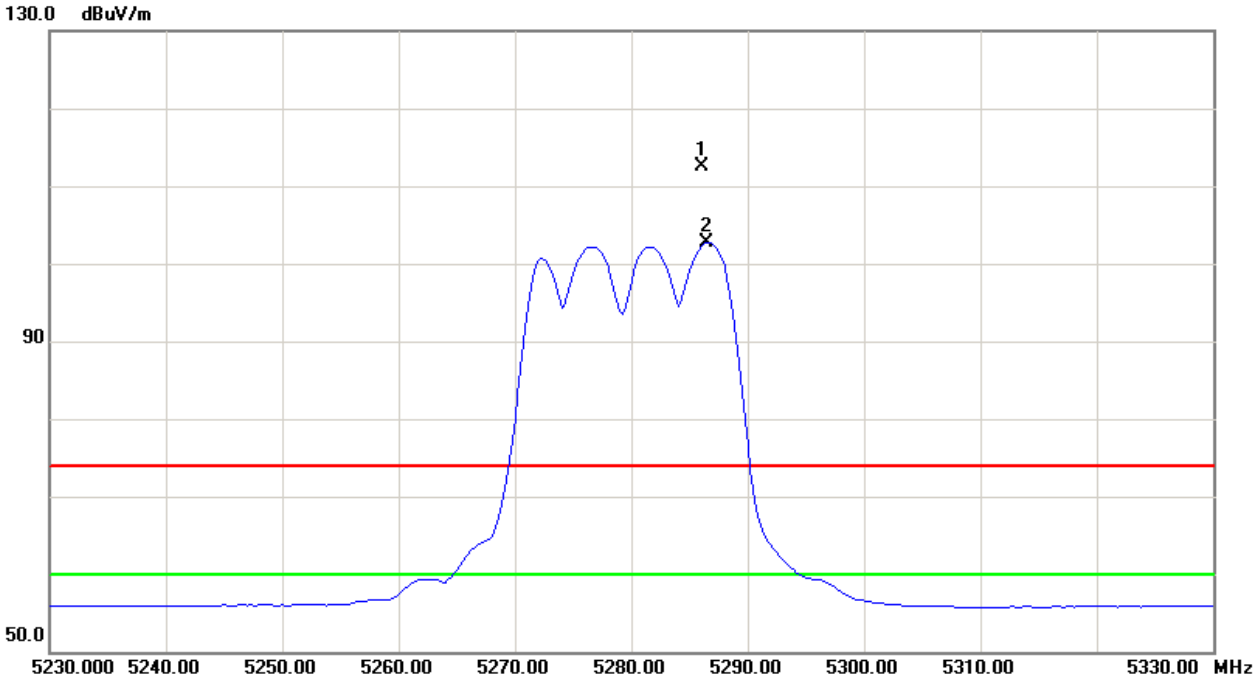
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

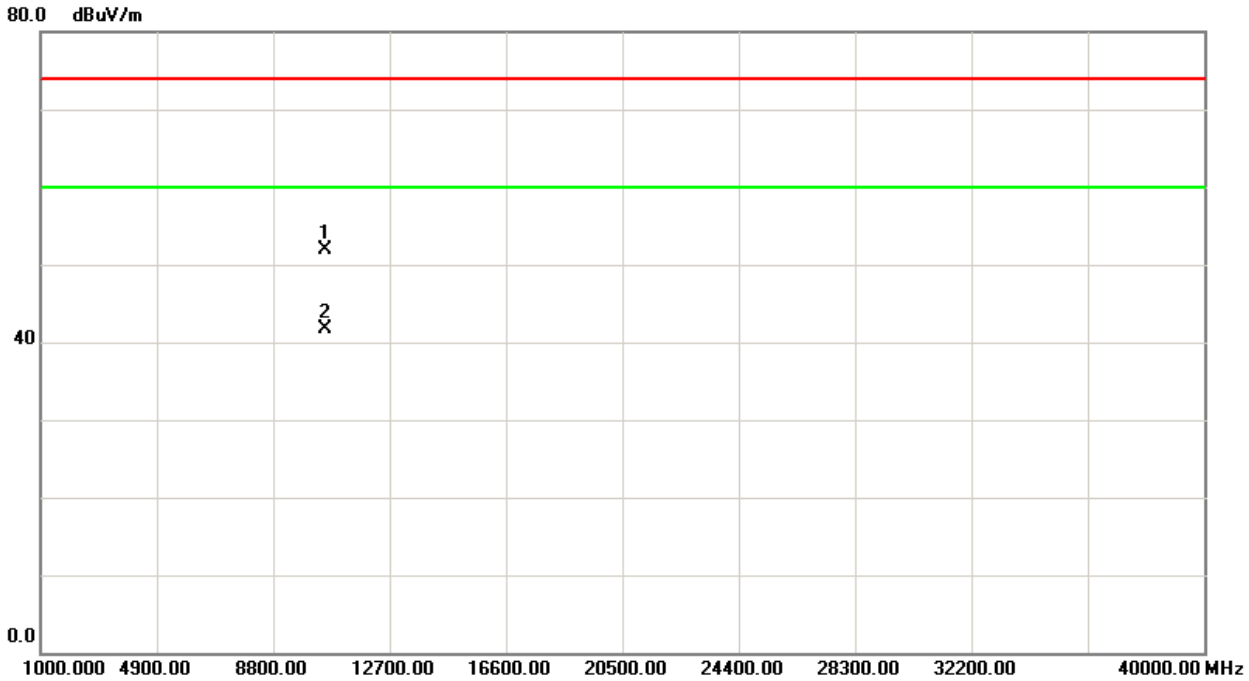
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5313.00	V	68.76	58.47	40.51	109.27	98.98	4.50	-5.79					X/F
5350.00	V	27.39	15.12	40.61	68.00	55.73	-36.77	-49.04	80.00	60.00	-24.77	-44.77	X/E
10640.36	V	40.24	29.66	13.90	54.14	43.56	-50.63	-61.21	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

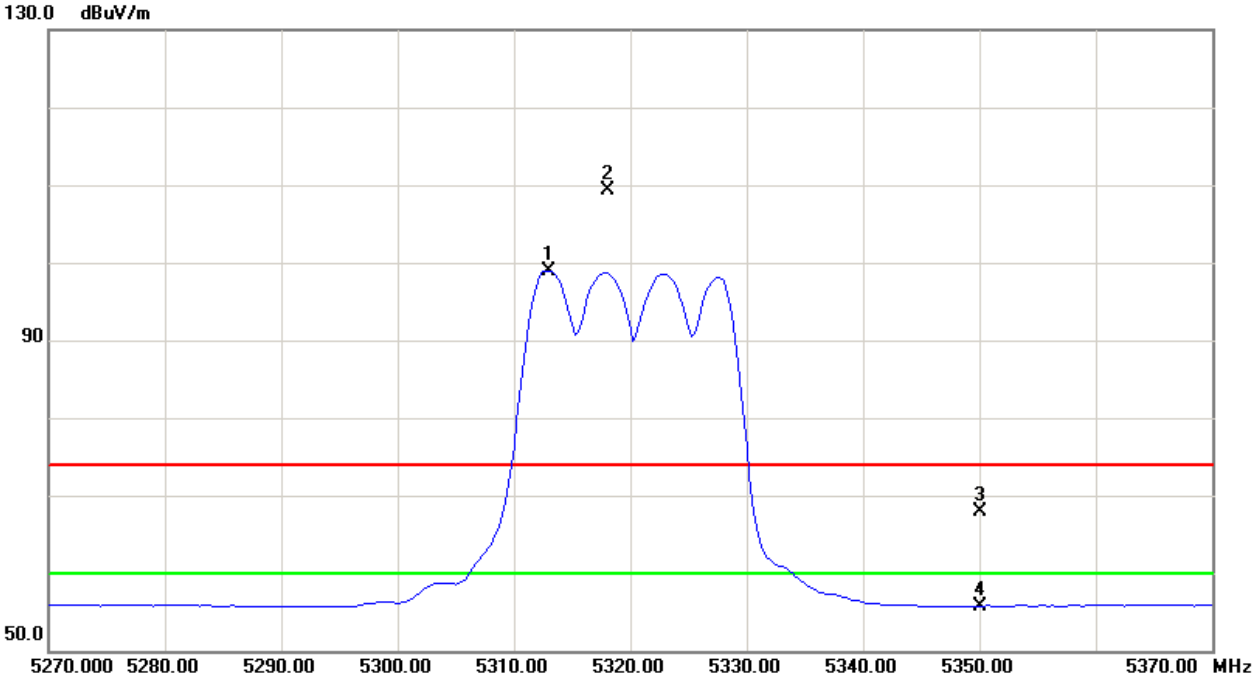
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

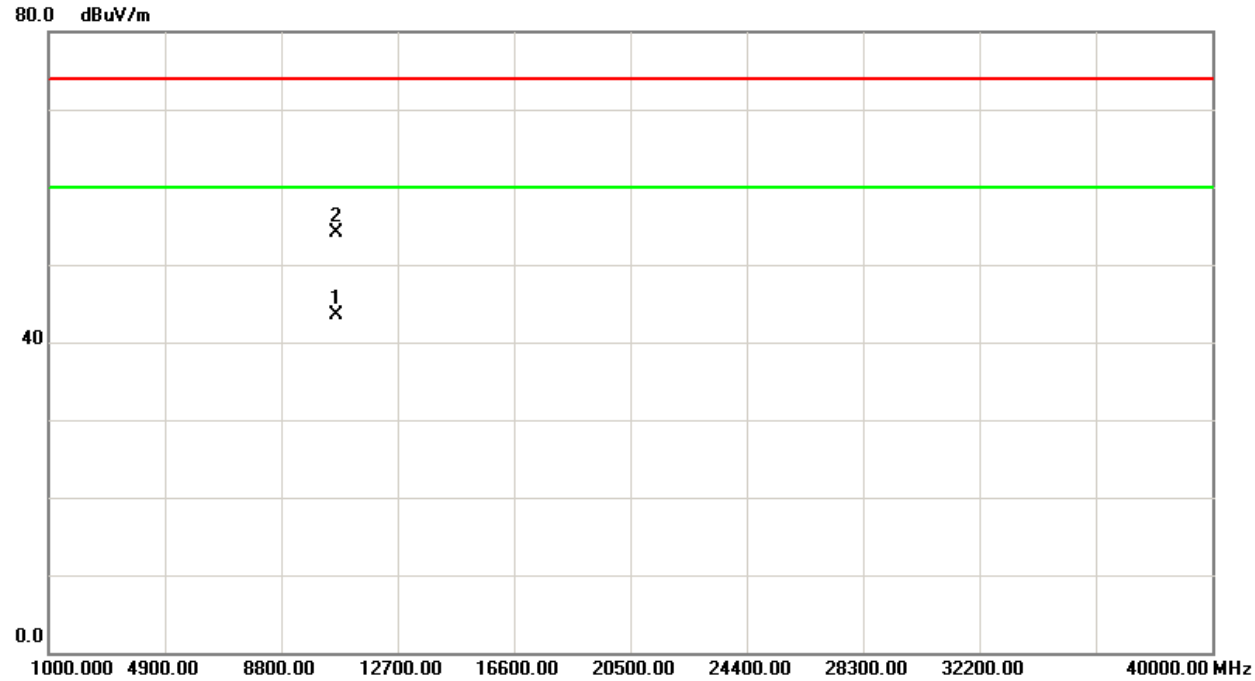
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX A Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5326.25	H	73.23	63.03	40.55	113.78	103.58	9.01	-1.19					X/F
5350.00	H	27.18	15.36	40.61	67.79	55.97	-36.98	-48.80	80.00	60.00	-24.77	-44.77	X/E
10640.35	H	38.66	27.95	13.90	52.56	41.85	-52.21	-62.92	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

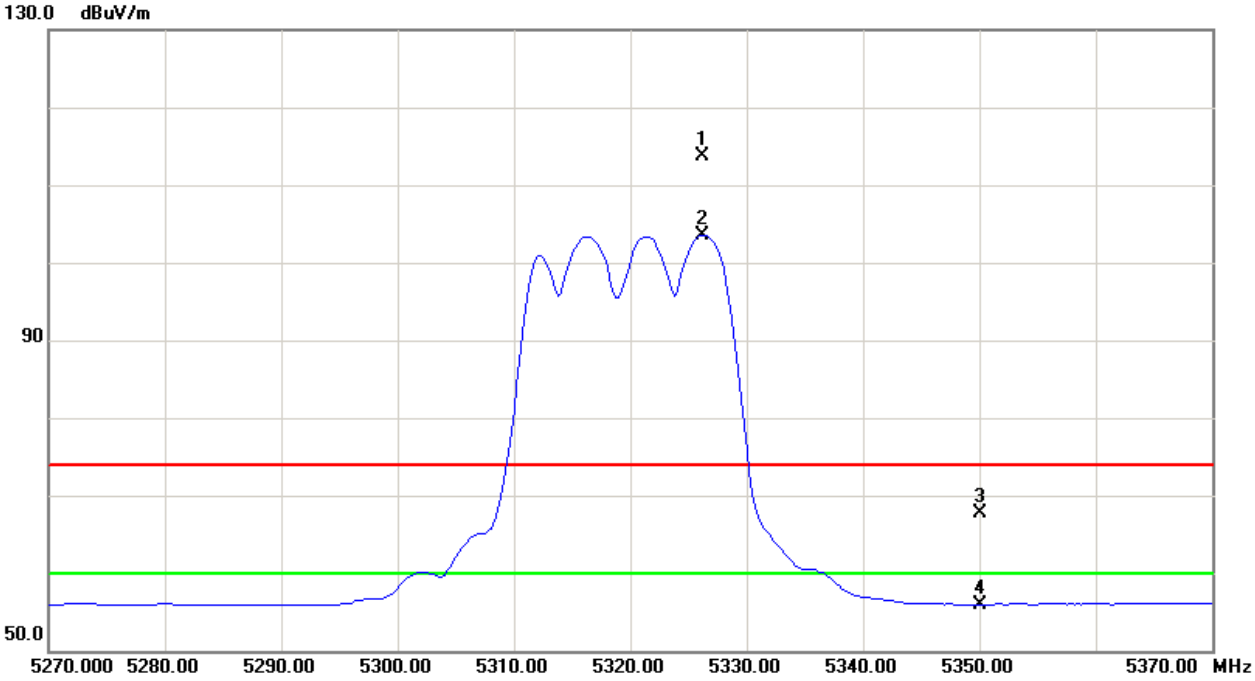
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

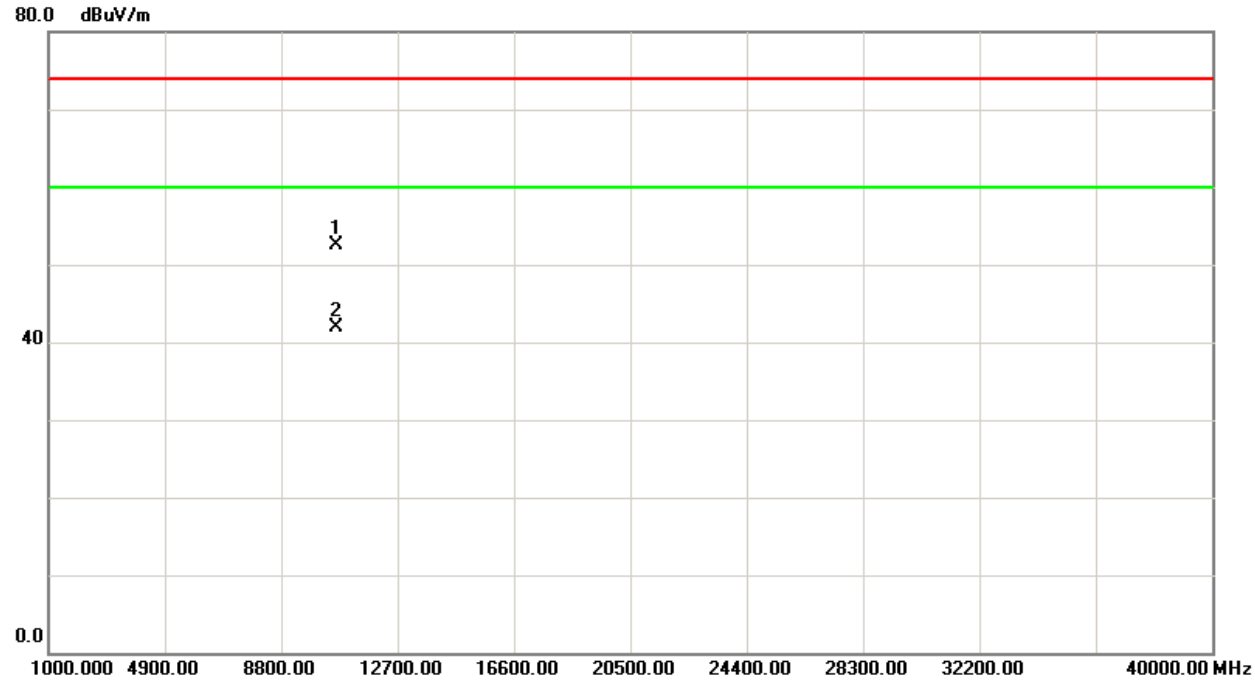
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5254.00	V	67.10	57.43	40.36	107.46	97.79	2.69	-6.98					X/F
10520.24	V	39.27	28.12	13.90	53.17	42.02	-51.60	-62.75	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

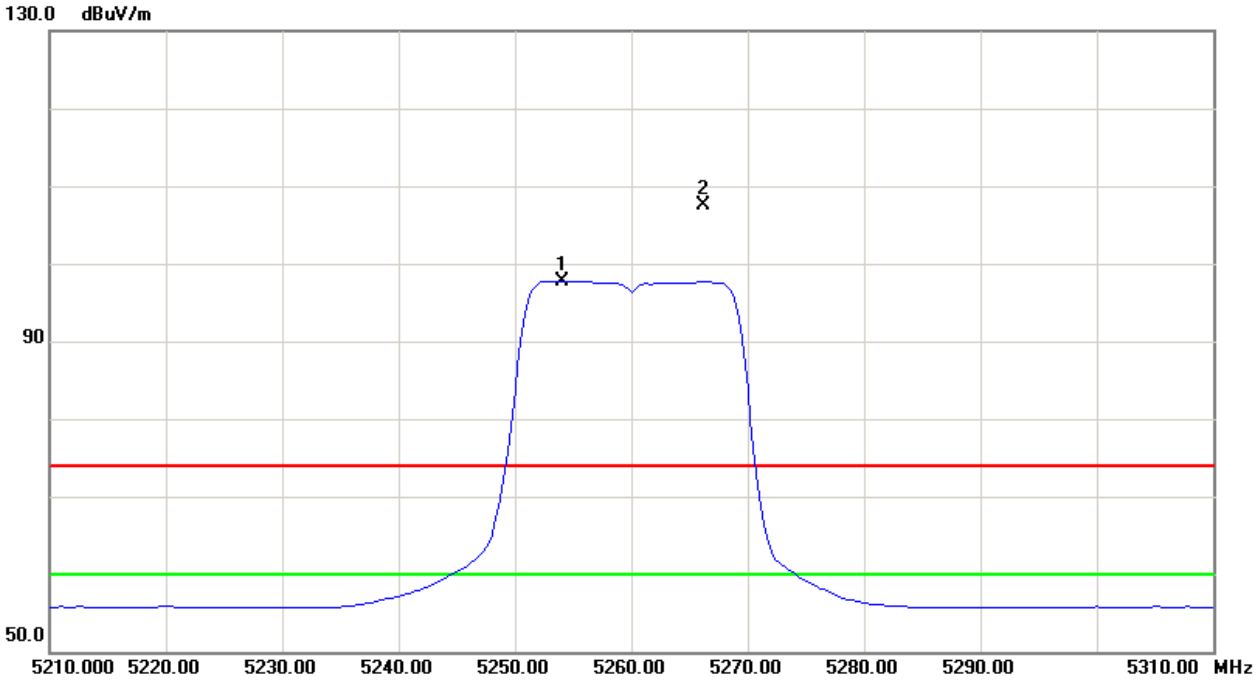
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

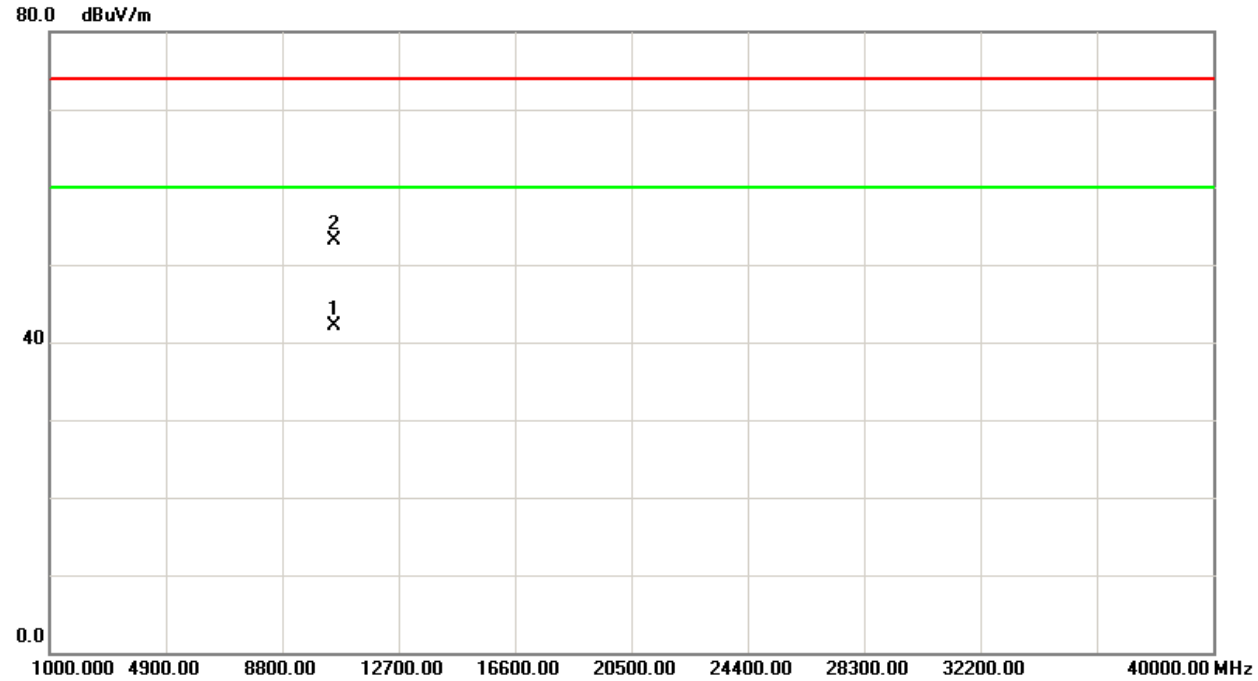
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5256.00	H	71.05	60.91	40.36	111.41	101.27	6.64	-3.50					X/F
10520.14	H	38.01	27.88	13.90	51.91	41.78	-52.86	-62.99	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

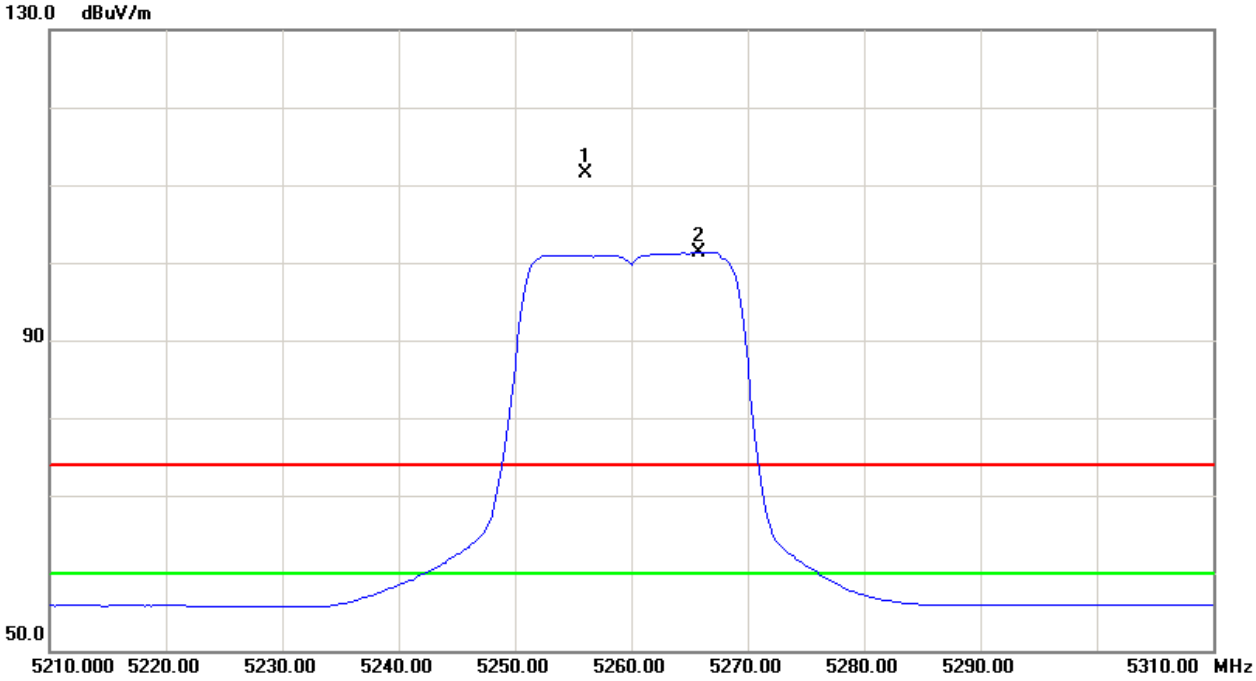
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

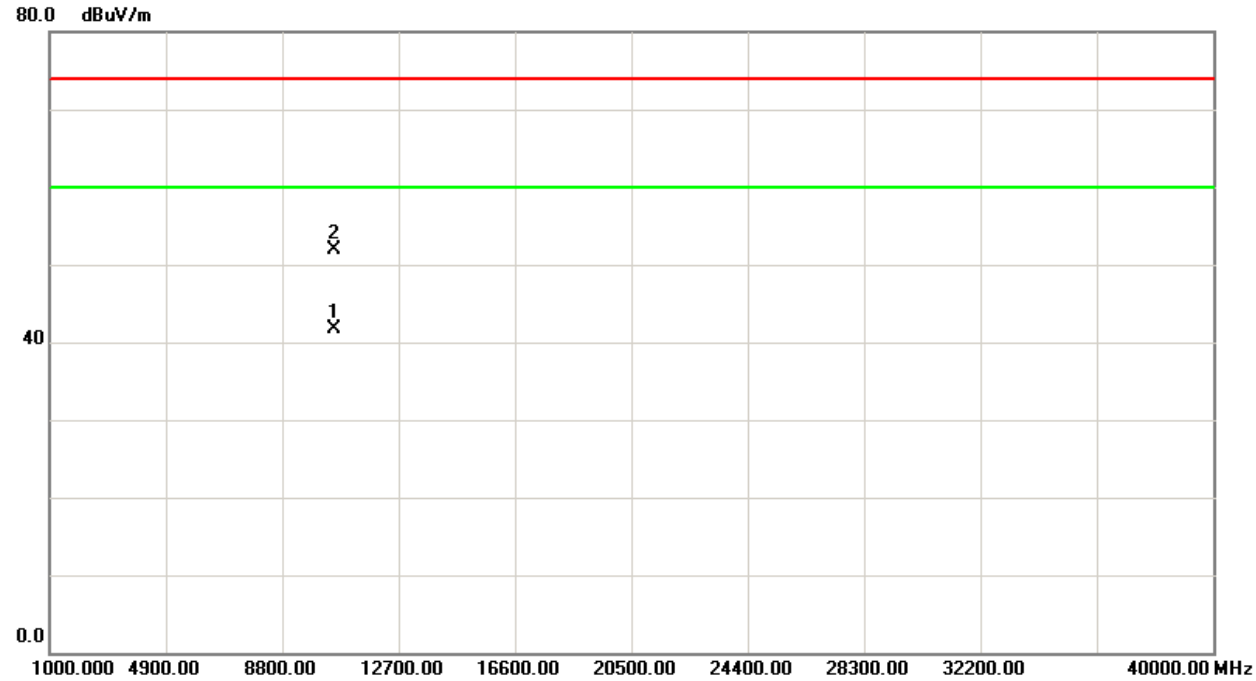
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5273.75	V	66.60	57.92	40.41	107.01	98.33	2.24	-6.44					X/F
10560.38	V	40.06	28.31	13.90	53.96	42.21	-50.81	-62.56	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

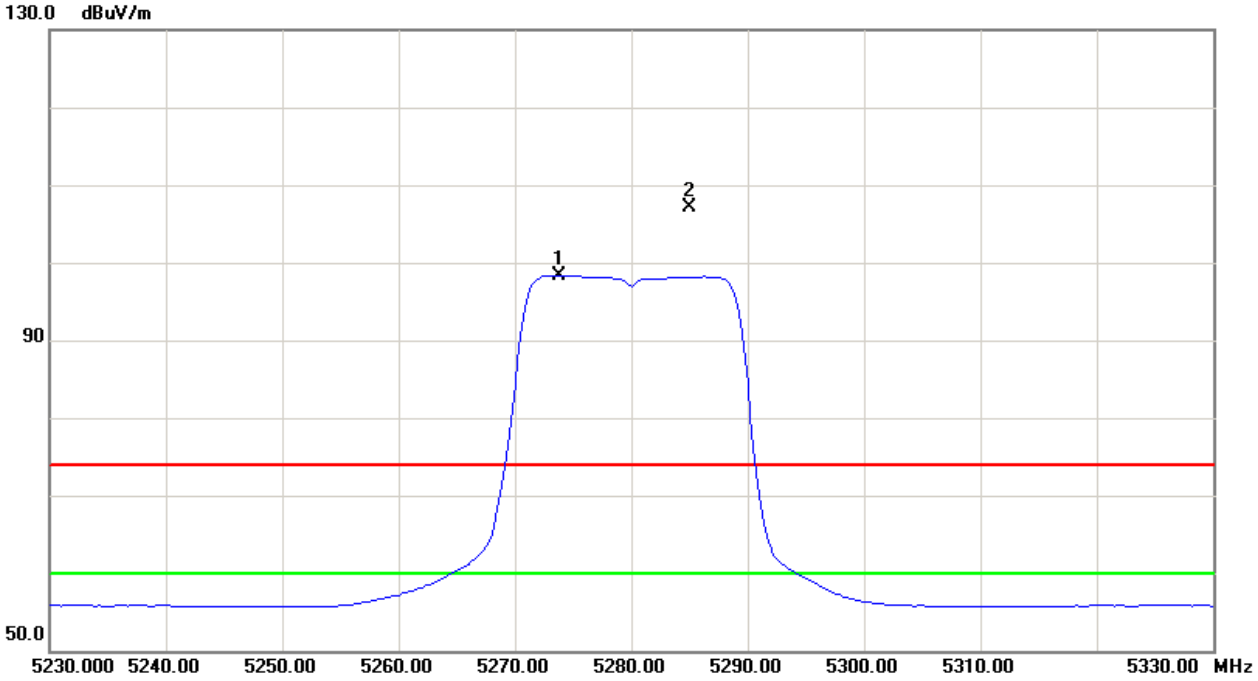
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

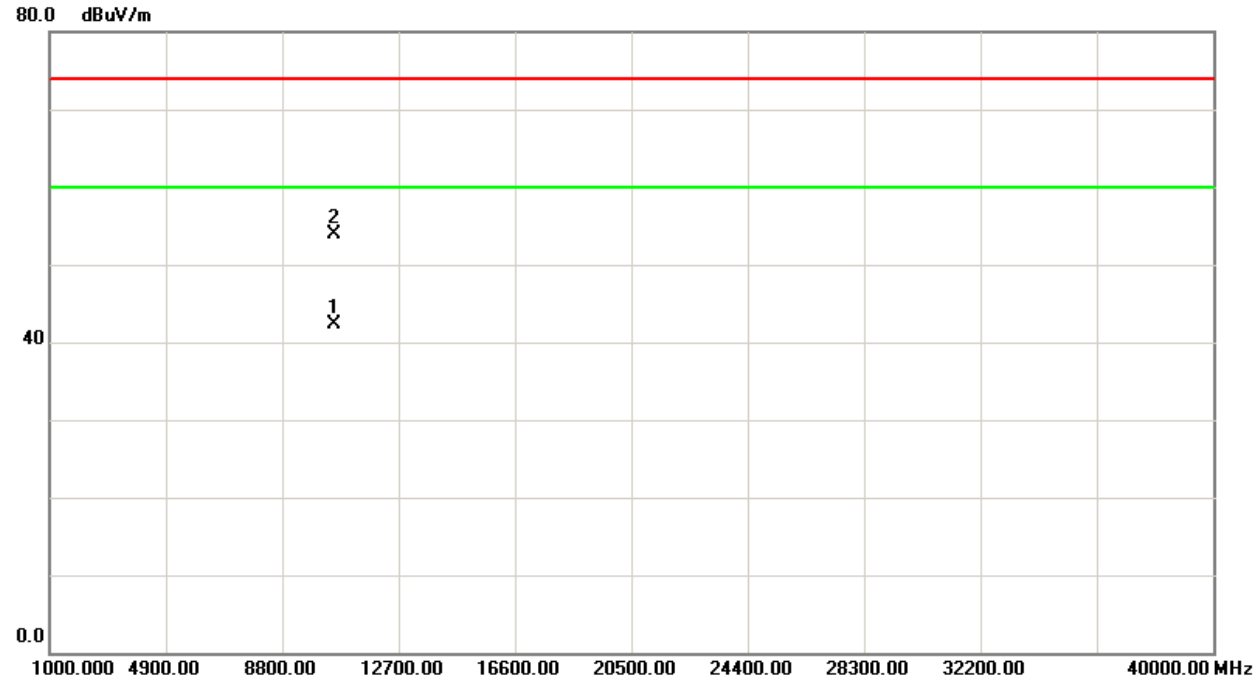
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5286.25	H	71.51	59.99	40.45	111.96	100.44	7.19	-4.33					X/F
10560.18	H	38.24	28.15	13.90	52.14	42.05	-52.63	-62.72	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

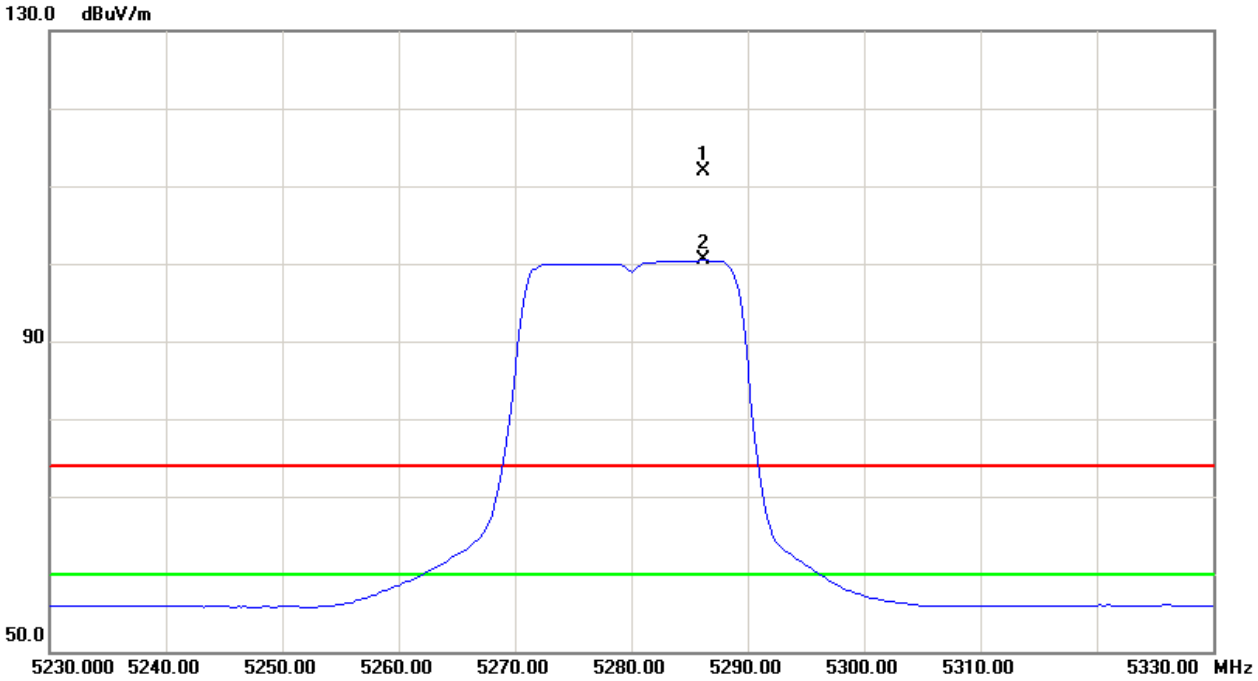
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

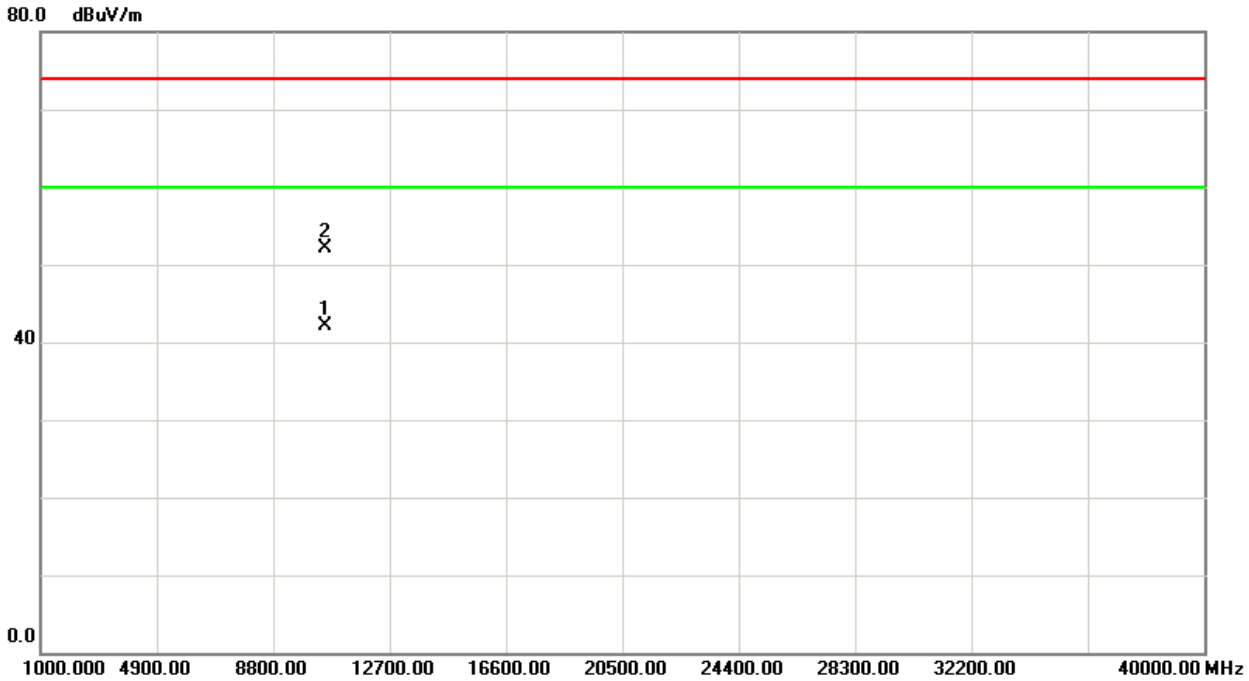
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5312.75	V	67.68	57.90	40.51	108.19	98.41	3.42	-6.36					X/F
5350.00	V	25.72	15.23	40.61	66.33	55.84	-38.44	-48.93	80.00	60.00	-24.77	-44.77	X/E
10640.14	V	40.35	29.12	13.90	54.25	43.02	-50.52	-61.75	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

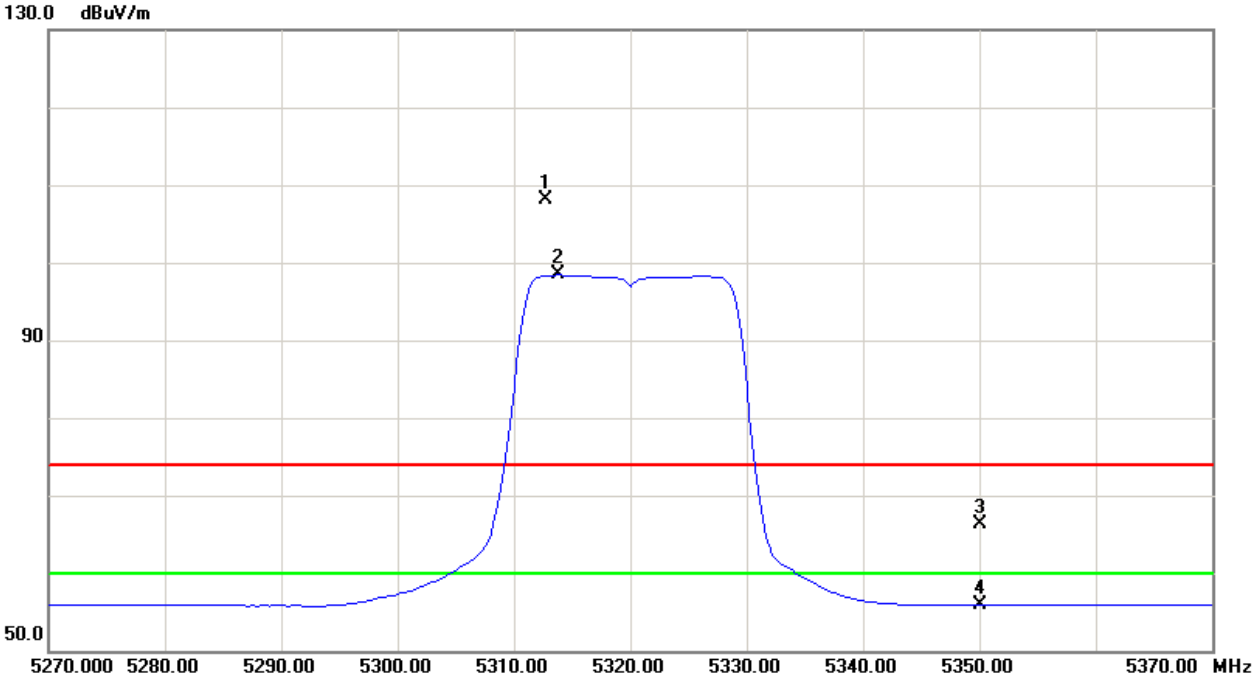
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

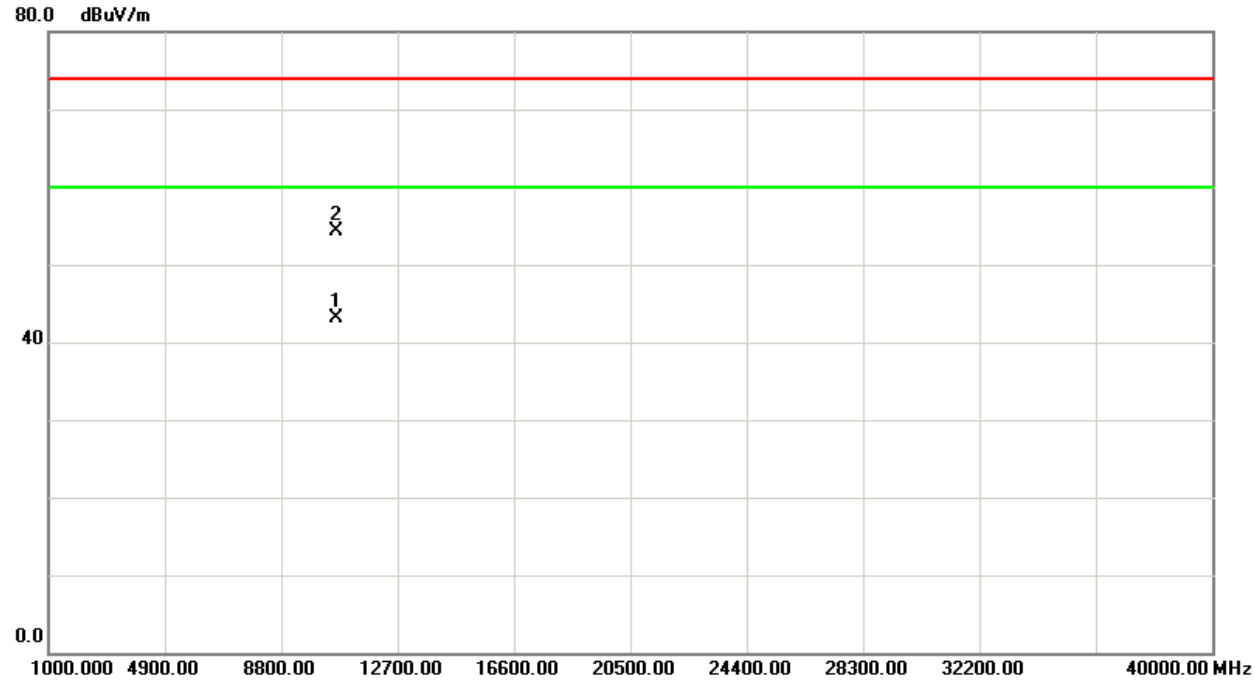
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5316.50	H	72.84	60.58	40.52	113.36	101.10	8.59	-3.67					X/F
5350.00	H	27.13	15.40	40.61	67.74	56.01	-37.03	-48.76	80.00	60.00	-24.77	-44.77	X/E
10640.23	H	38.90	27.81	13.90	52.80	41.71	-51.97	-63.06	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

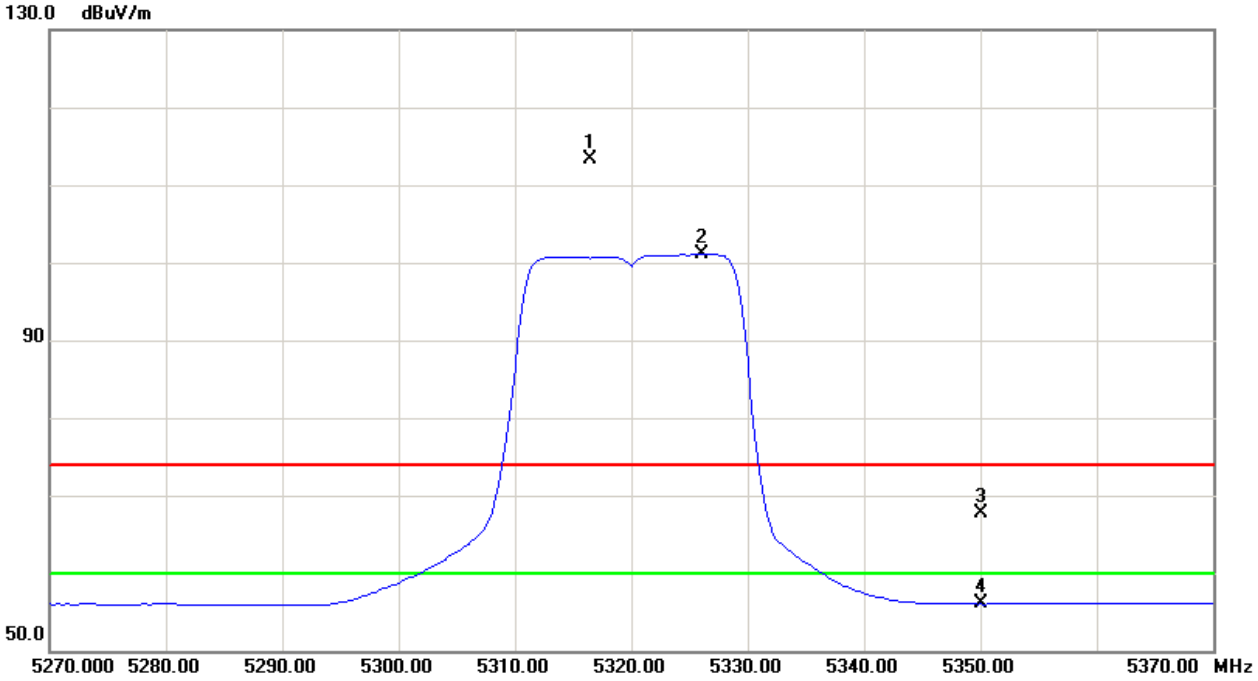
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

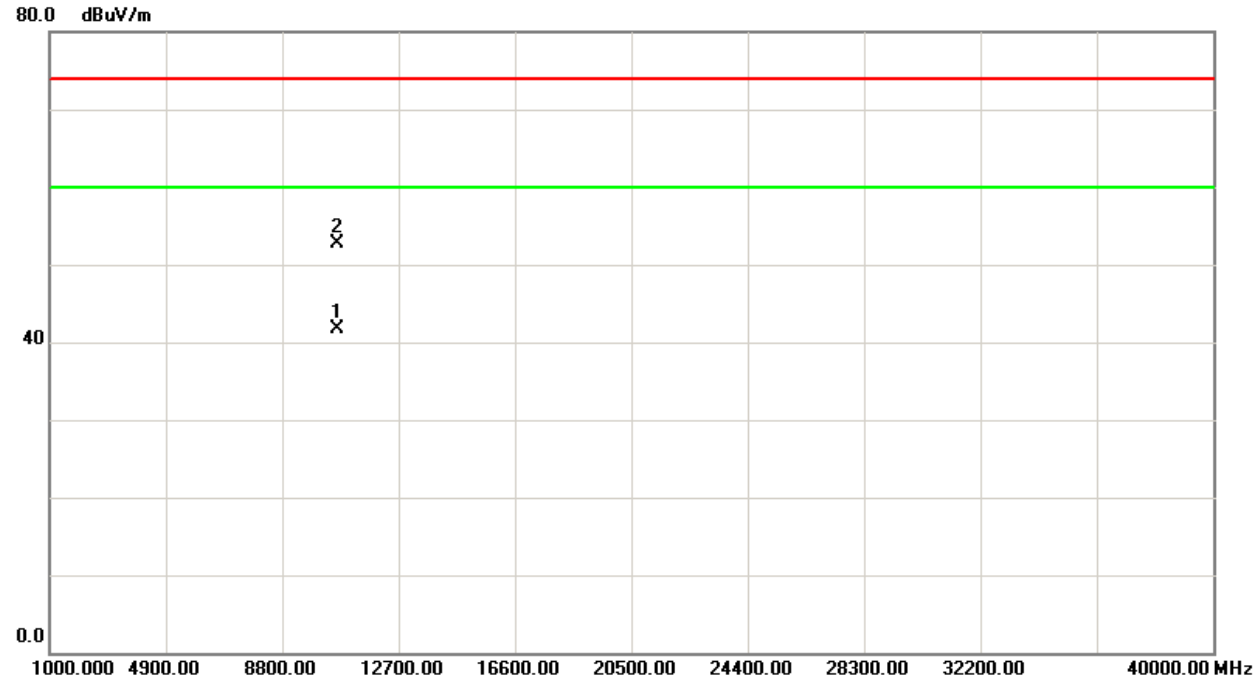
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5255.00	V	62.47	50.87	40.36	102.83	91.23	-1.94	-13.54					X/F
10539.95	V	37.35	26.55	13.90	51.25	40.45	-53.52	-64.32	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

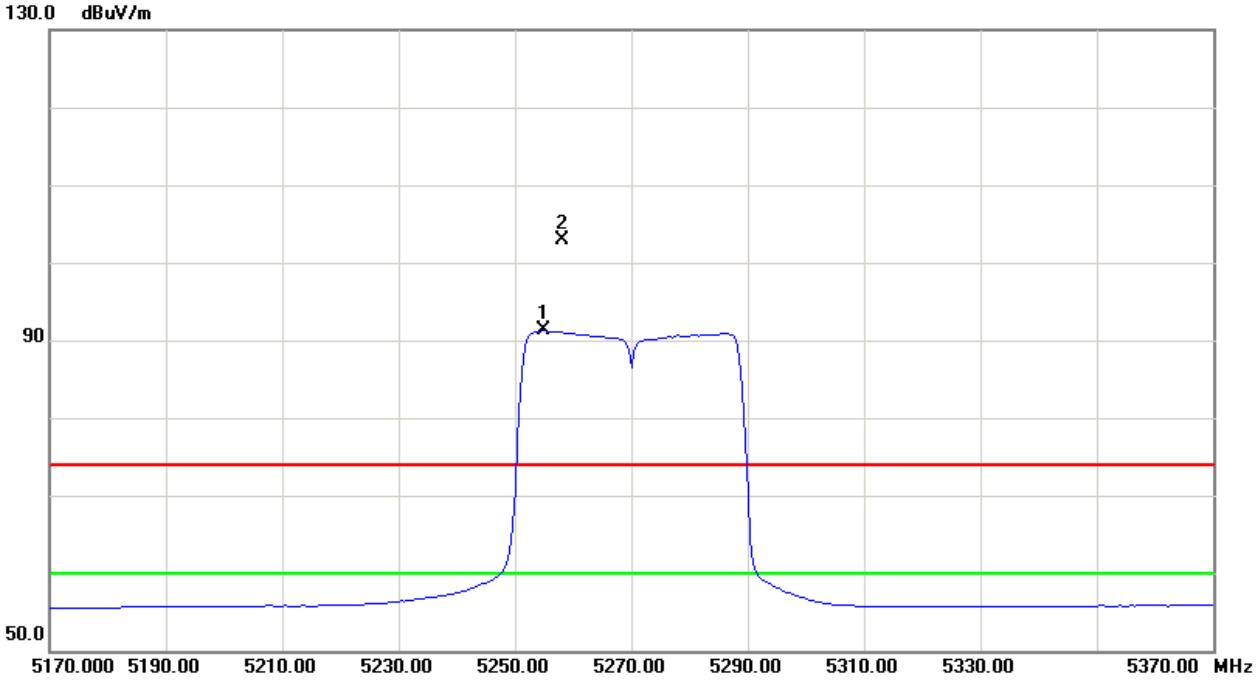
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

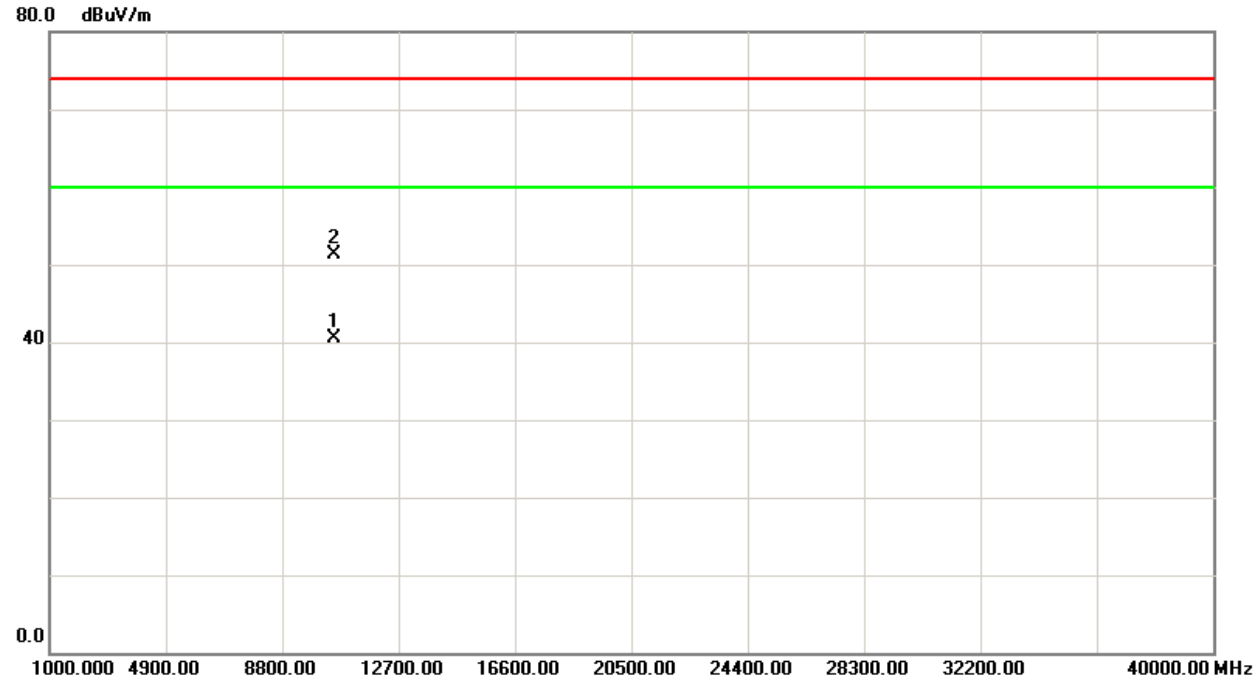
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5256.00	H	66.97	56.22	40.36	107.33	96.58	2.56	-8.19					X/F
10540.31	H	35.61	26.16	13.90	49.51	40.06	-55.26	-64.71	74.30		-27.00		X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

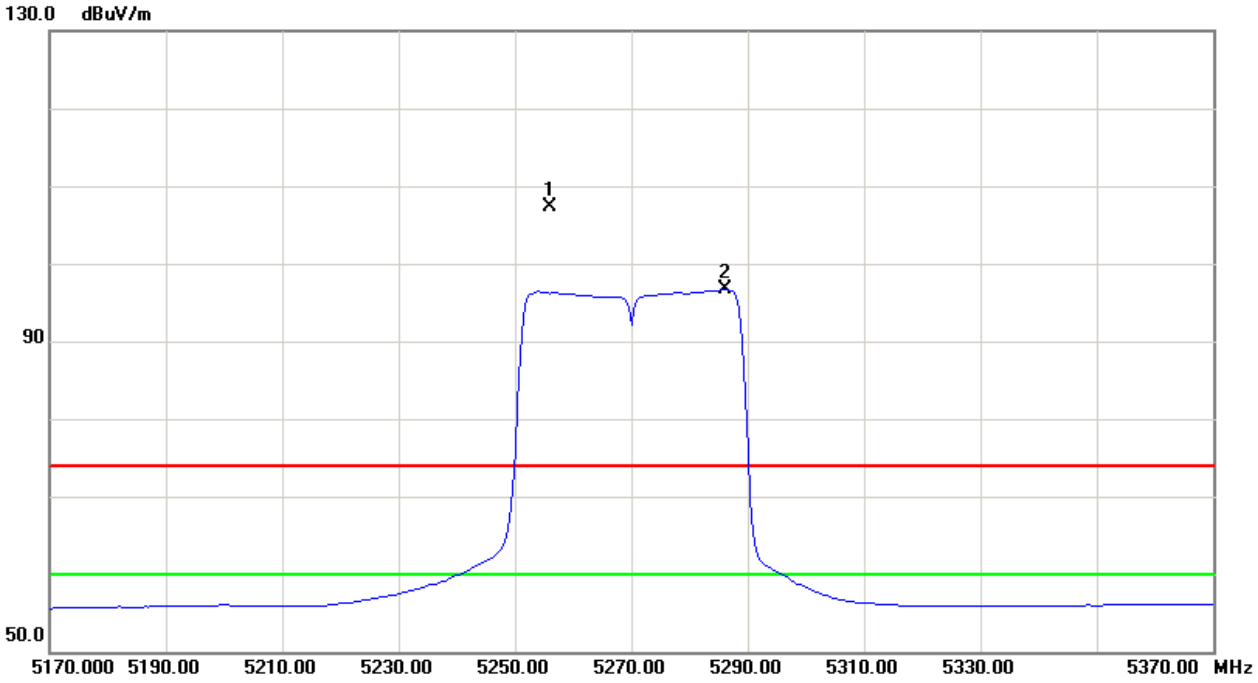
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

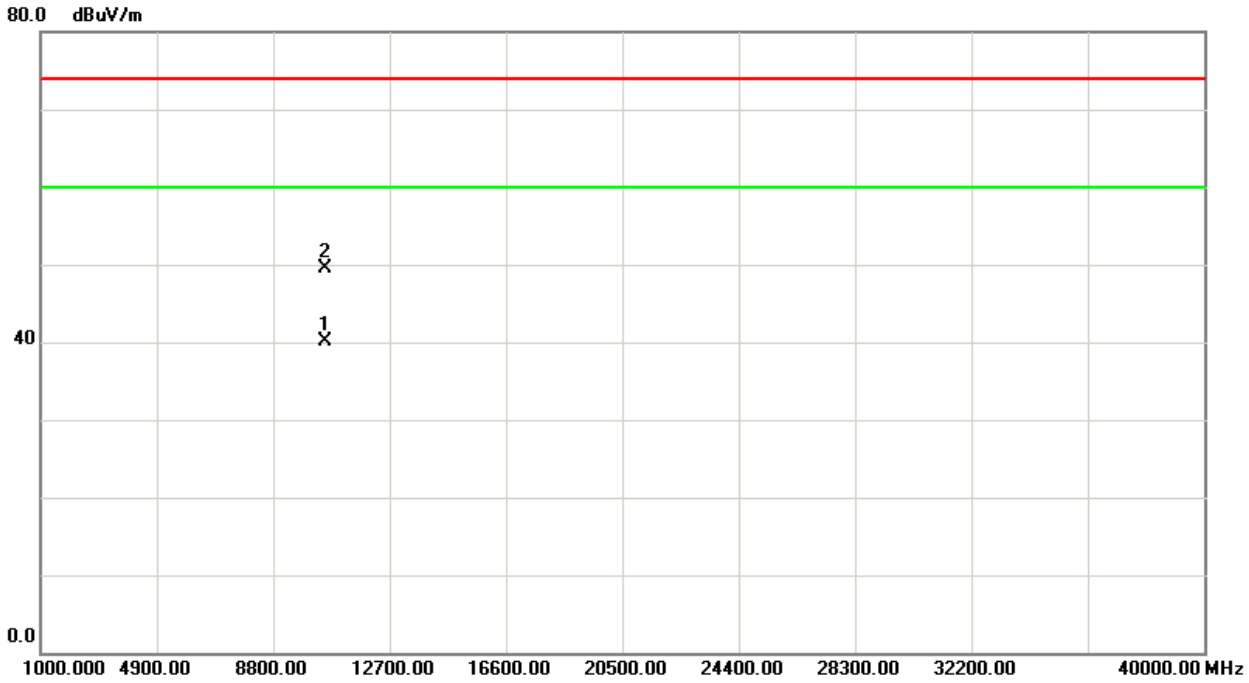
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5320.00	V	61.58	48.57	40.54	102.12	89.11	-2.65	-15.66					X/F
5350.00	V	26.13	15.24	40.61	66.74	55.85	-38.03	-48.92	80.00	60.00	-24.77	-44.77	X/E
10620.19	V	37.63	28.24	13.90	51.53	42.14	-53.24	-62.63	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

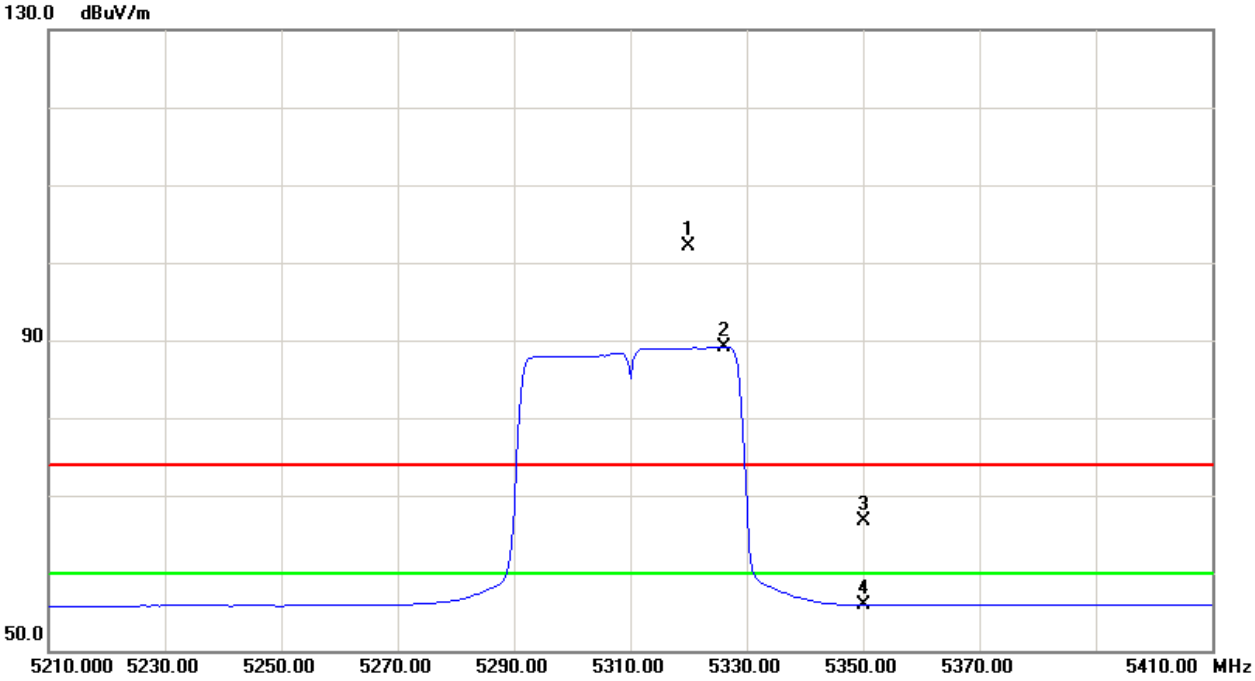
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

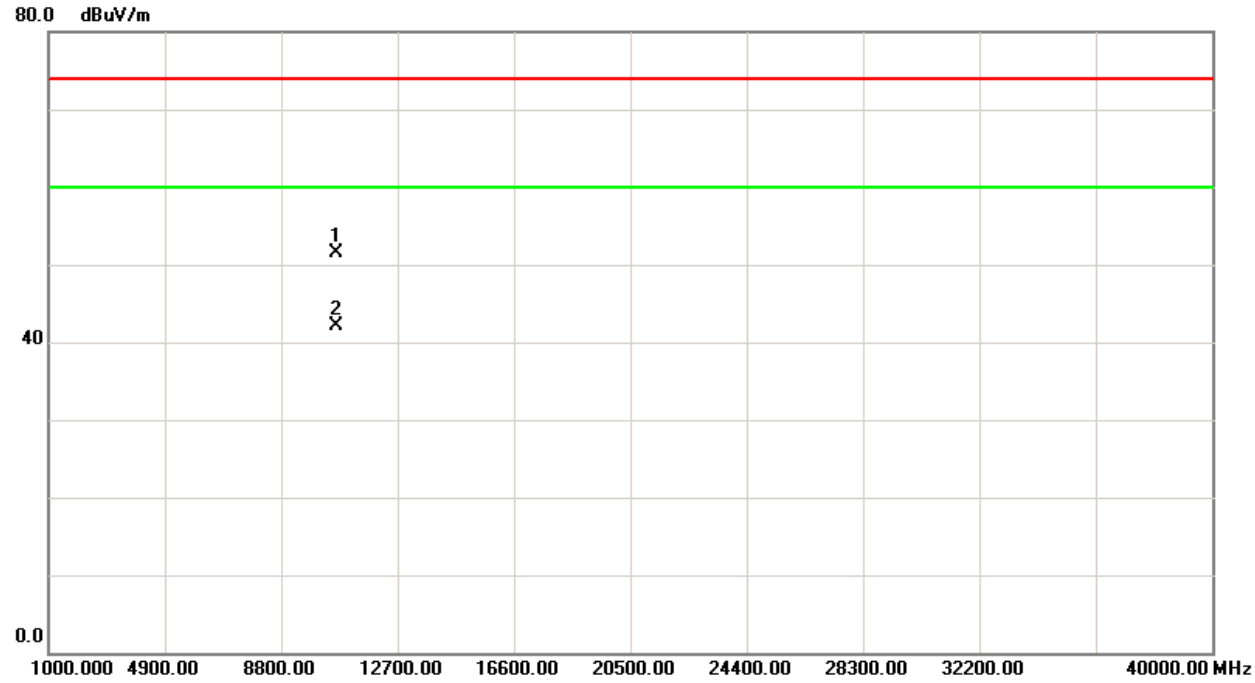
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5320.50	H	64.89	53.75	40.54	105.43	94.29	0.66	-10.48					X/F
5350.00	H	26.48	15.53	40.61	67.09	56.14	-37.68	-48.63	80.00	60.00	-24.77	-44.77	X/E
10620.25	H	36.51	26.88	13.90	50.41	40.78	-54.36	-63.99	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

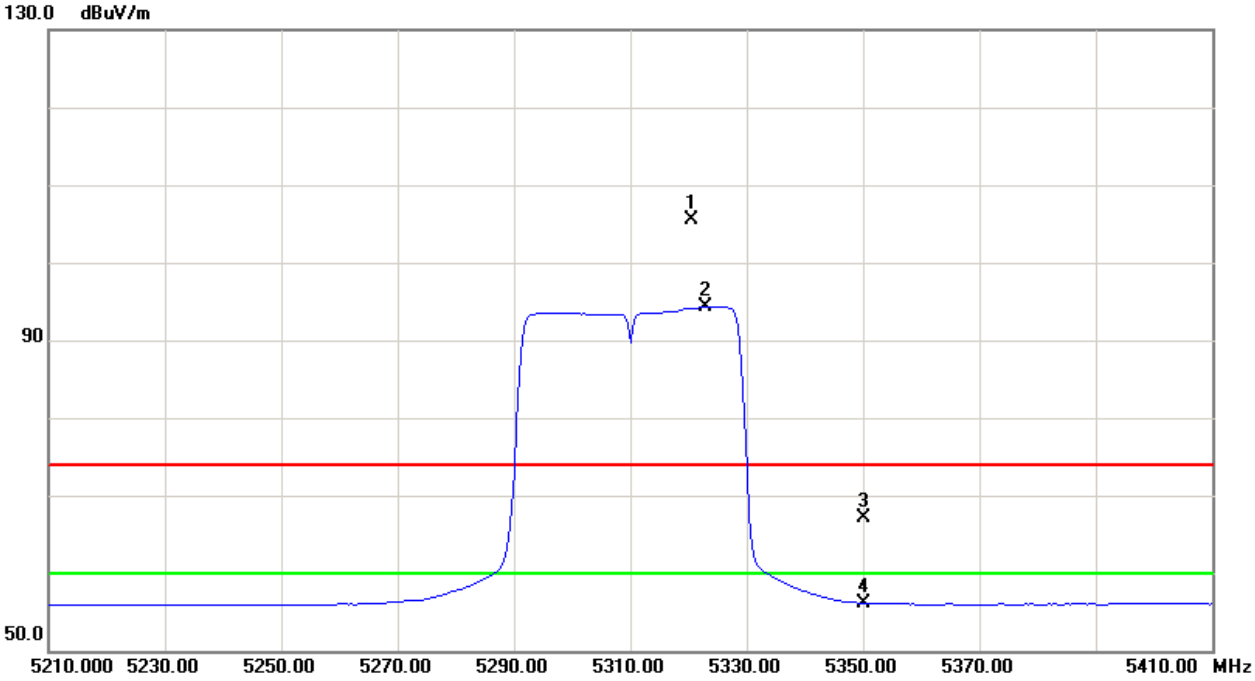
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

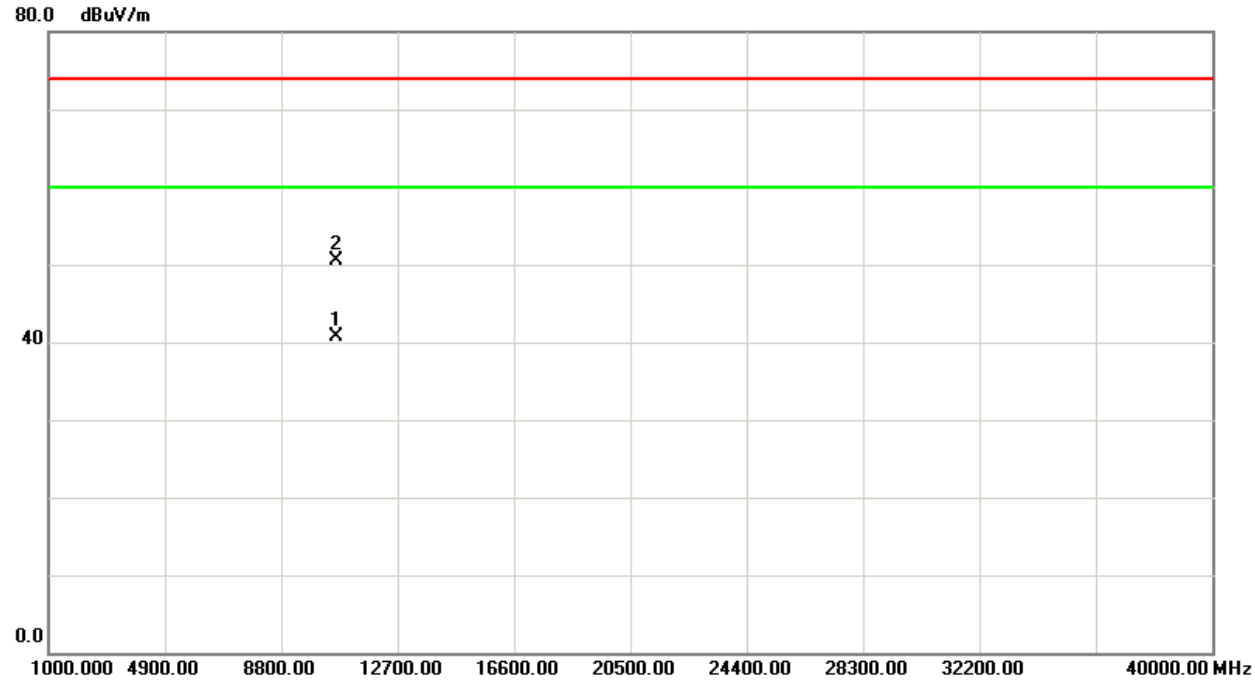
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	26.94	14.72	40.90	67.84	55.62	-36.93	-49.15	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	27.44	14.65	40.93	68.37	55.58	-36.40	-49.19	74.30		-27.00		X/E
5496.50	V	69.14	58.26	40.99	110.13	99.25	5.36	-5.52					X/F
11000.45	V	40.23	28.25	13.93	54.16	42.18	-50.61	-62.59	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

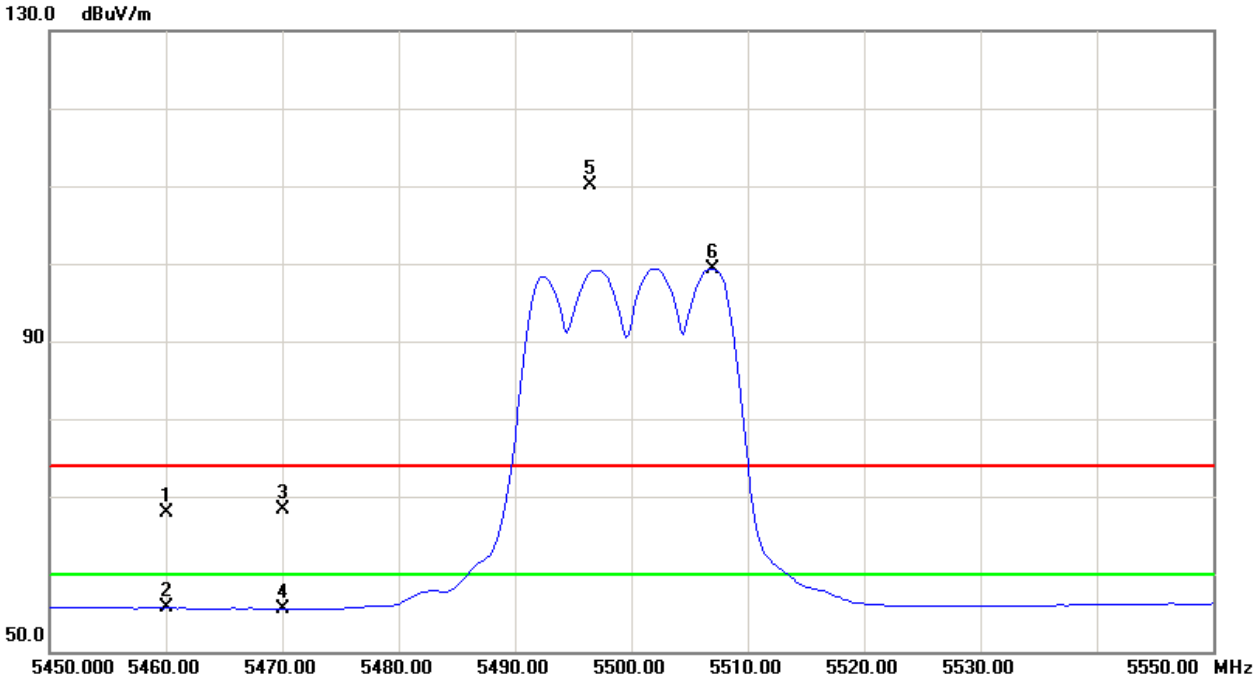
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

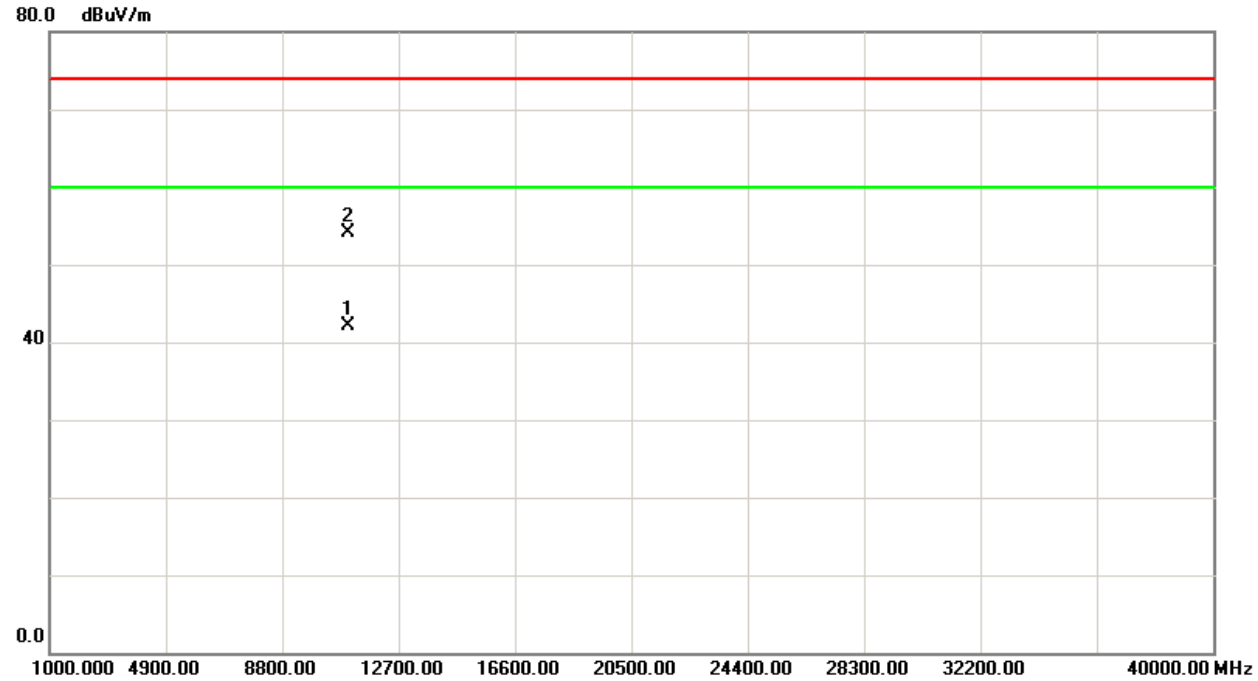
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	27.24	14.98	40.90	68.14	55.88	-36.63	-48.89	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	26.35	14.95	40.93	67.28	55.88	-37.49	-48.89	74.30		-27.00		X/E
5505.50	H	74.33	64.22	41.02	115.35	105.24	10.58	0.47					X/F
11000.14	H	38.89	28.02	13.93	52.82	41.95	-51.95	-62.82	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

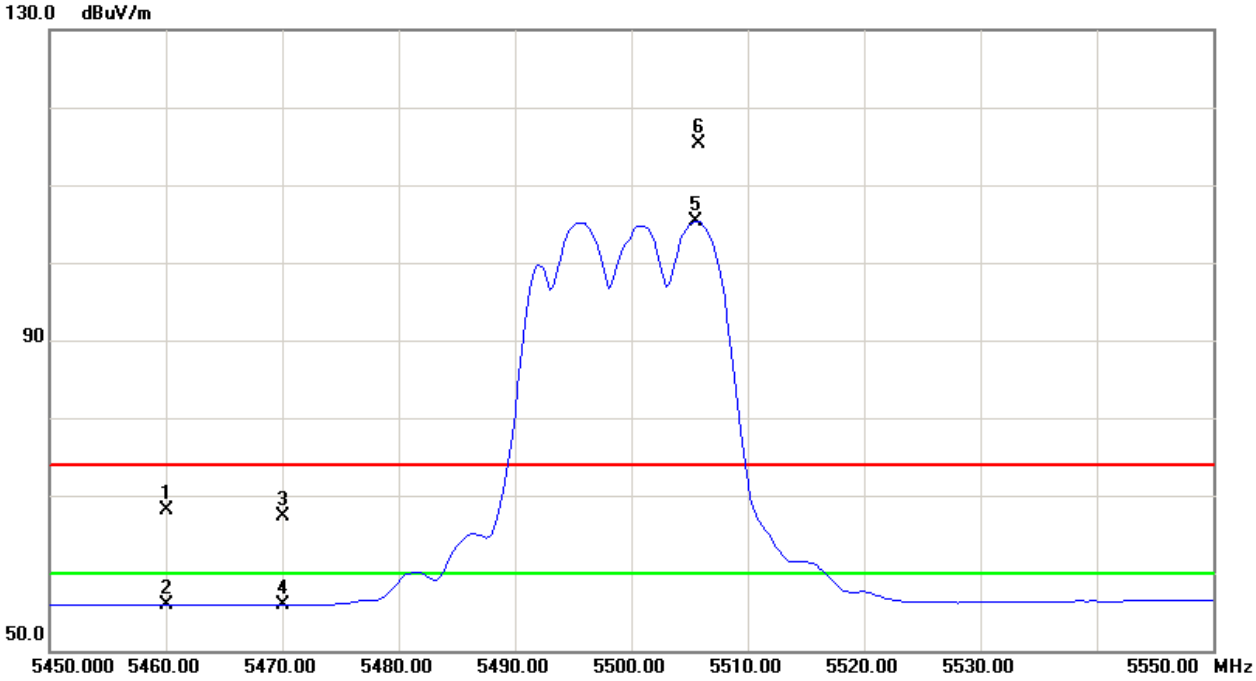
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

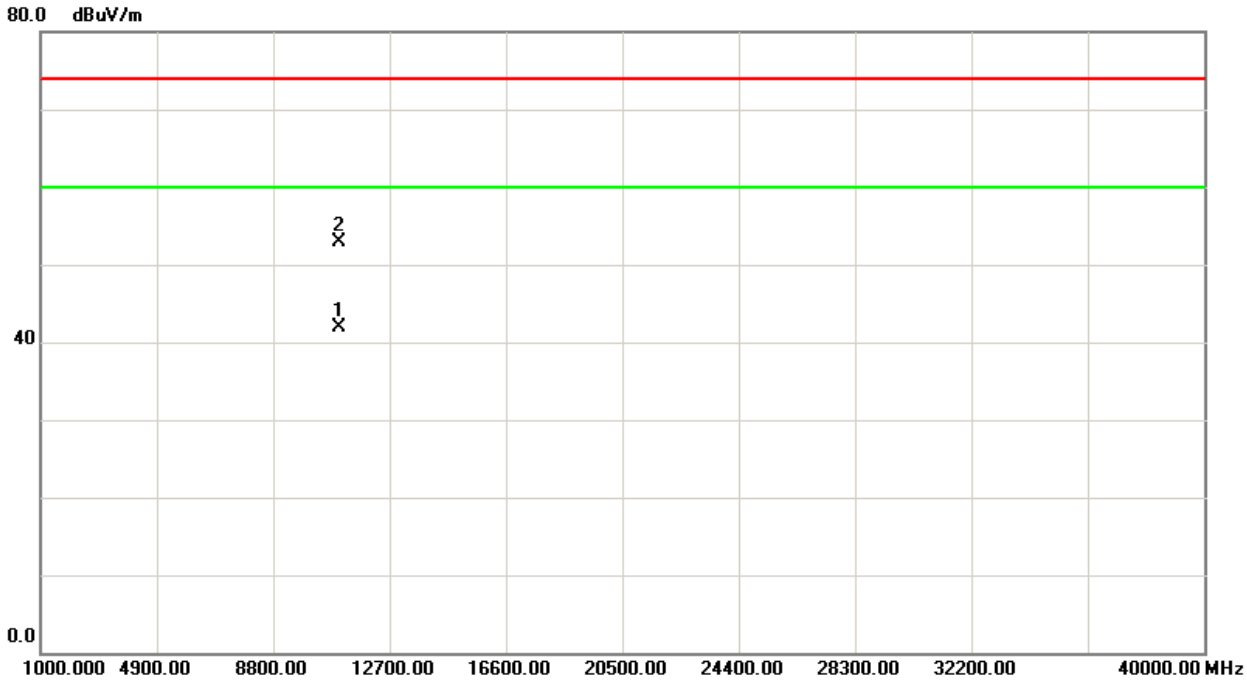
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5584.25	V	69.74	60.04	41.34	111.08	101.38	6.31	-3.39					X/F
11160.27	V	39.42	28.31	14.04	53.46	42.35	-51.31	-62.42	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

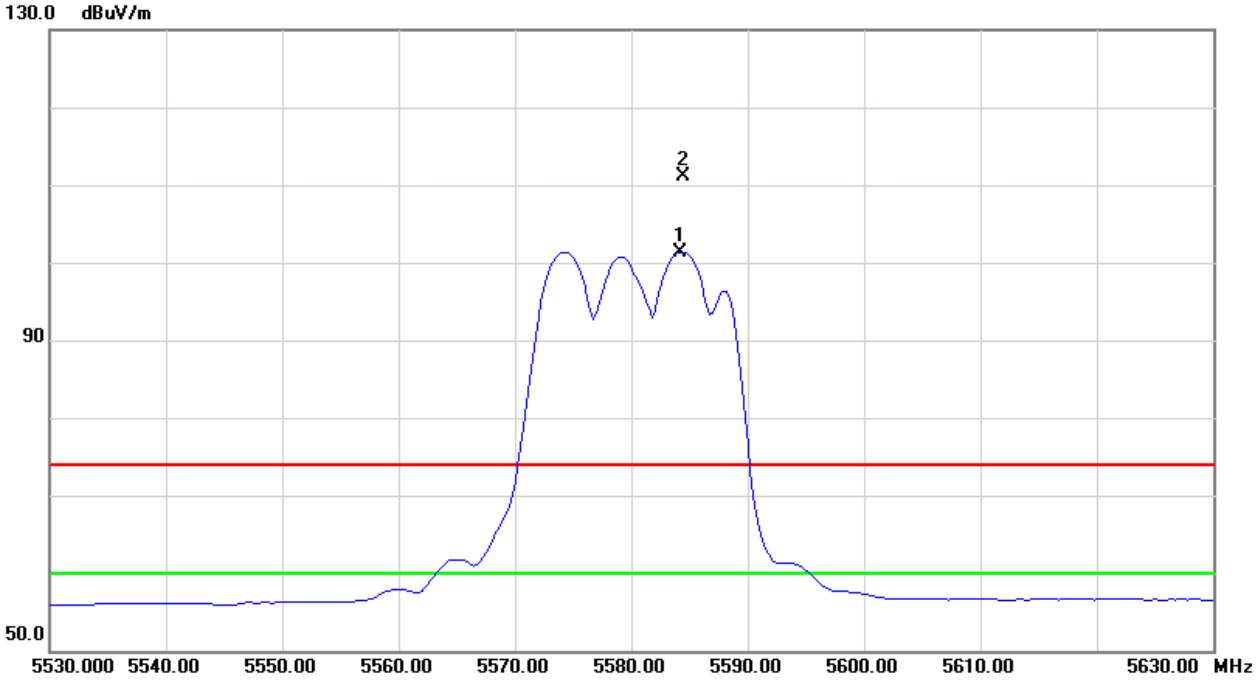
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

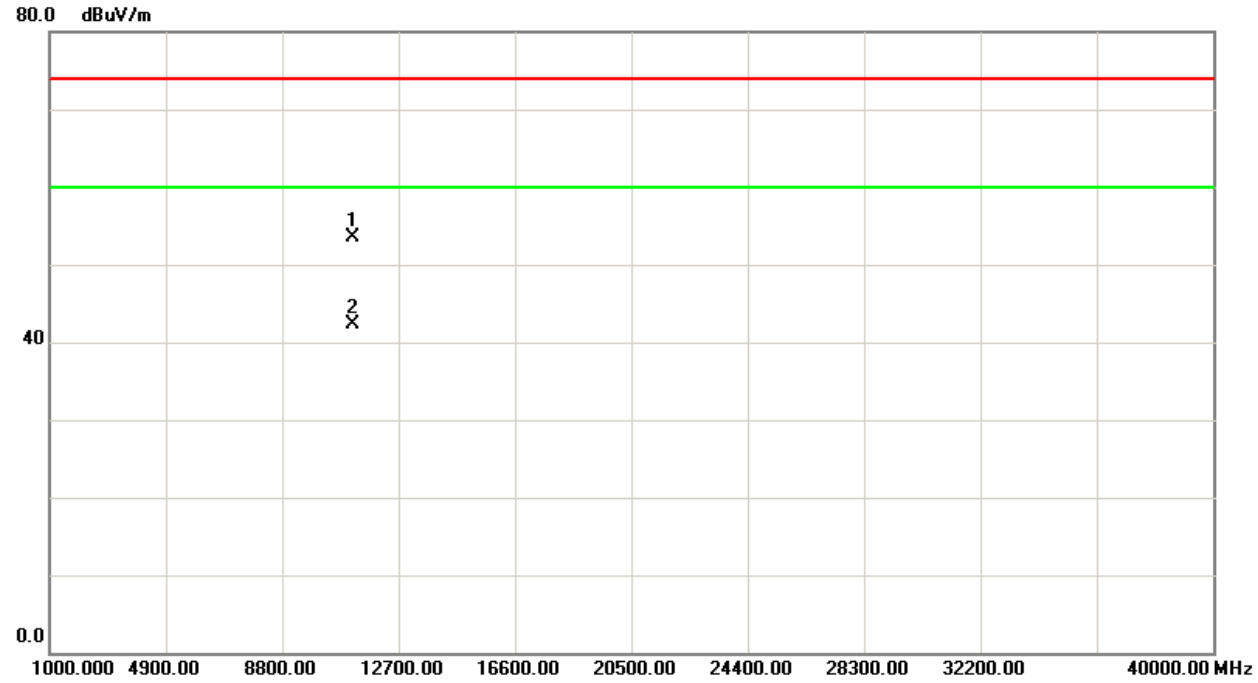
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5572.75	H	73.99	64.23	41.29	115.28	105.52	10.51	0.75					X/F
11160.46	H	38.22	27.83	14.04	52.26	41.87	-52.51	-62.90	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

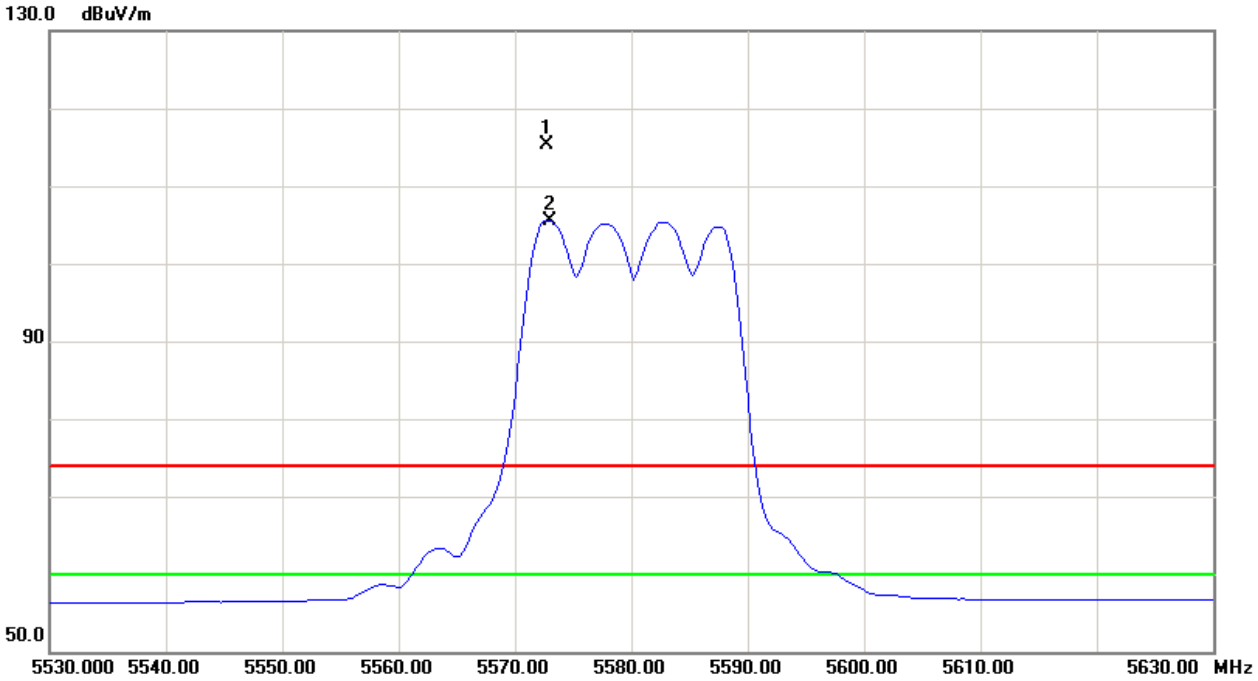
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

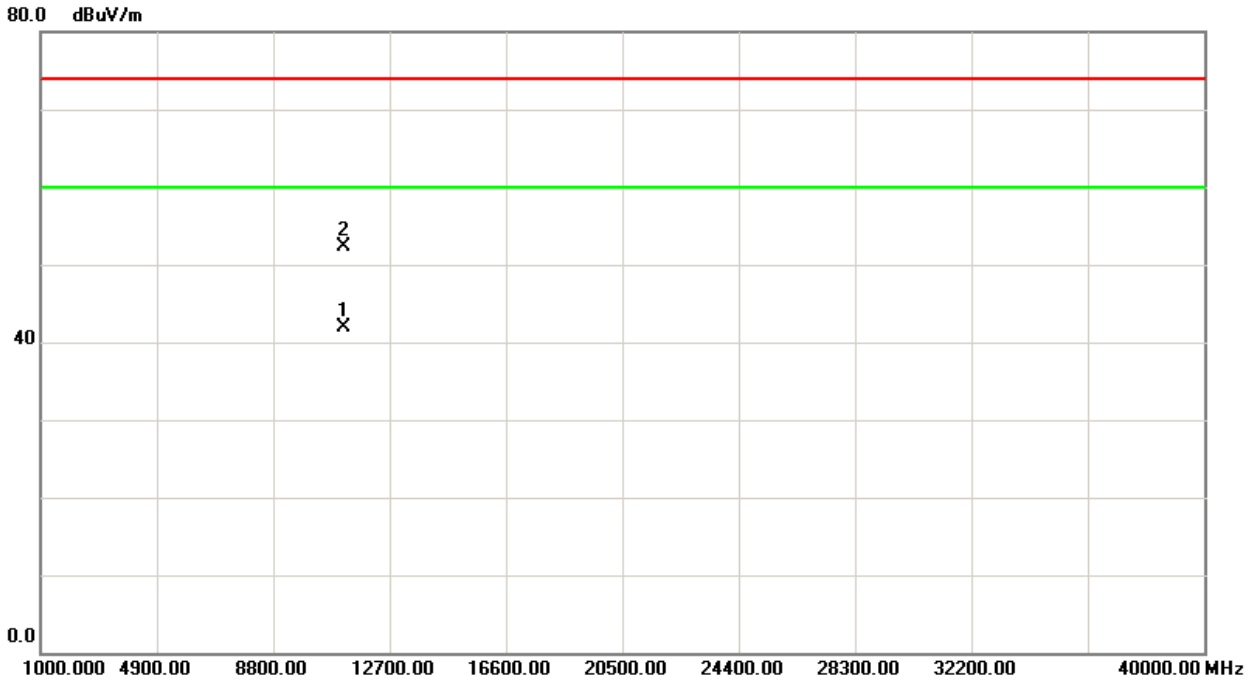
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5703.75	V	71.07	60.74	41.81	112.88	102.55	8.11	-2.22					X/F
5725.00	V	27.63	15.66	41.90	69.53	57.56	-35.24	-47.21	74.30		-27.00		X/E
11400.32	V	39.95	29.54	14.20	54.15	43.74	-50.62	-61.03	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

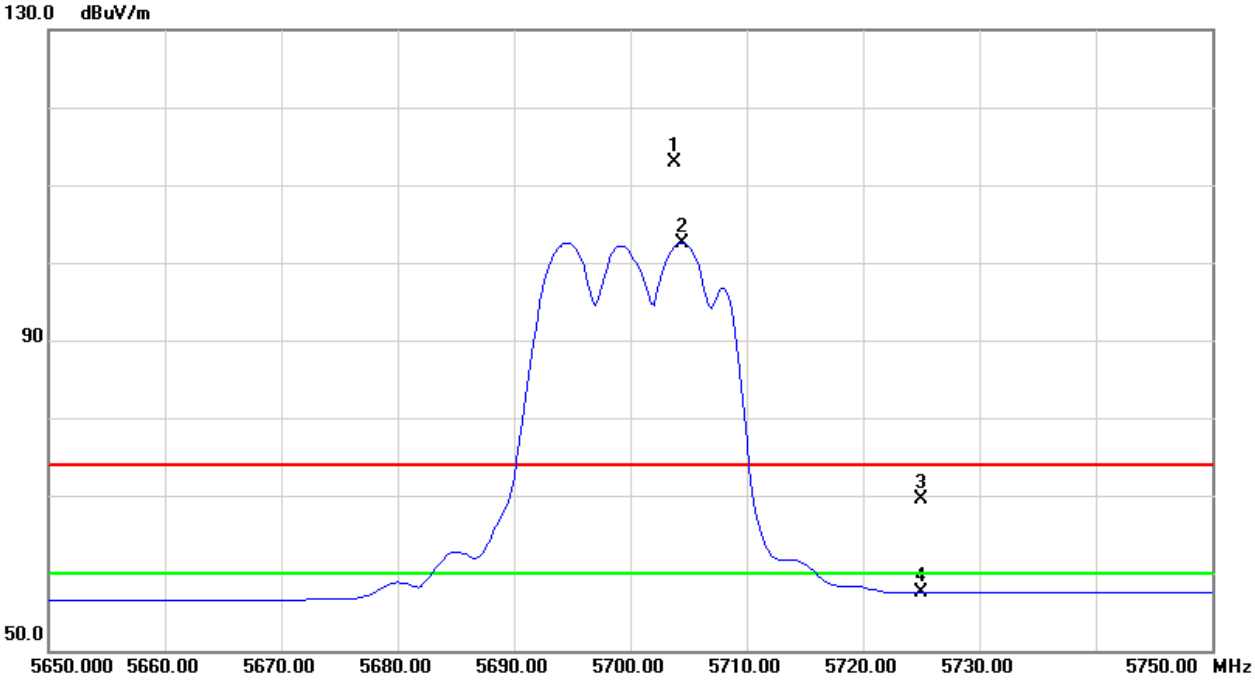
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

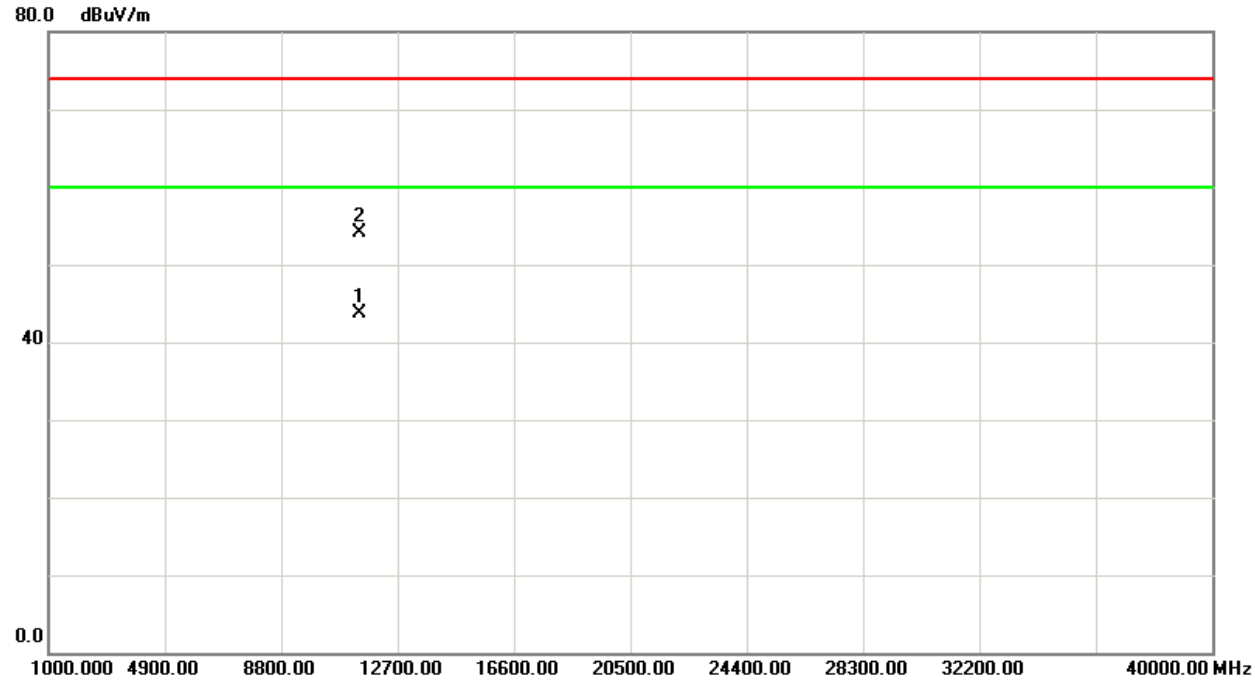
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX A Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5693.00	H	74.10	63.94	41.78	115.88	105.72	11.11	0.95					X/F
5725.00	H	27.68	15.71	41.90	69.58	57.61	-35.19	-47.16	74.30		-27.00		X/E
11400.36	H	38.47	27.75	14.20	52.67	41.95	-52.10	-62.82	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

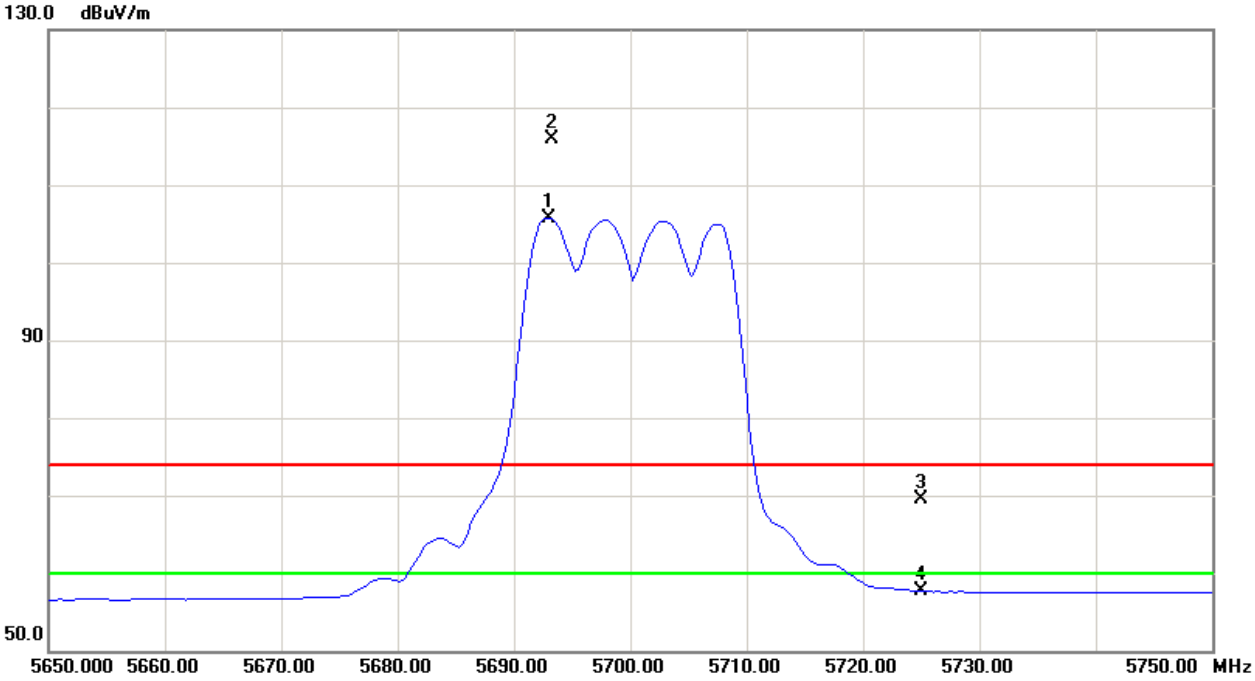
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

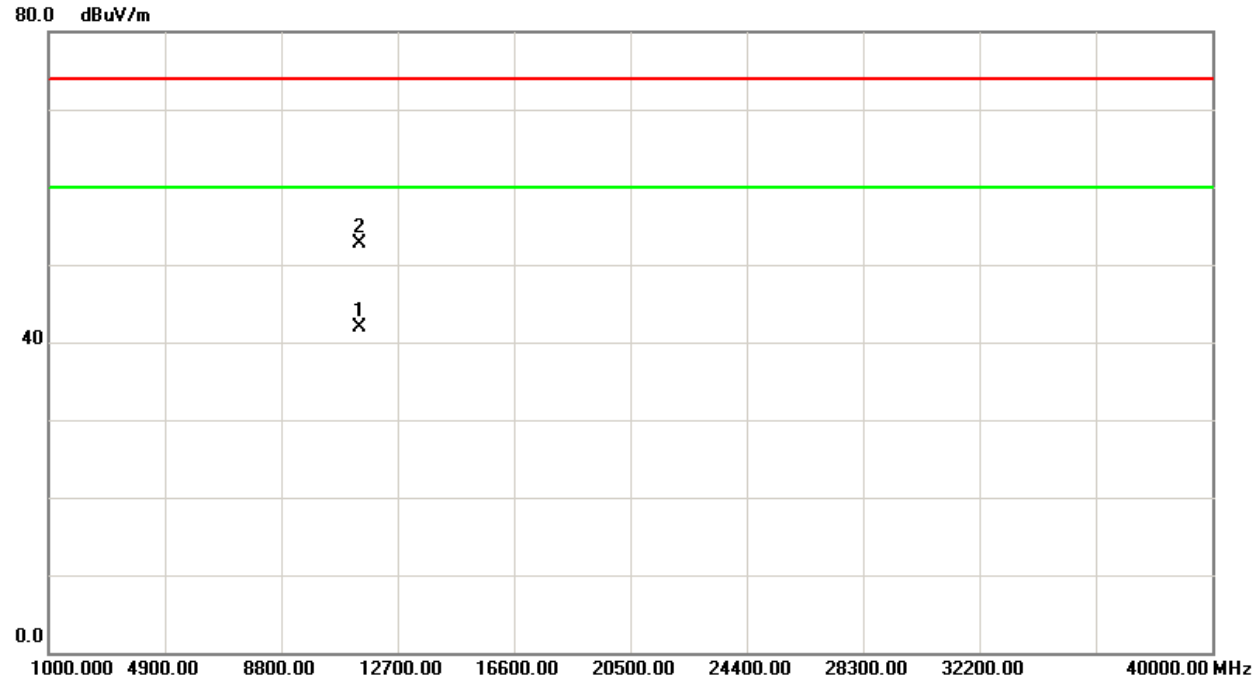
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	27.00	14.76	40.90	67.90	55.66	-36.87	-49.11	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	26.83	14.68	40.93	67.76	55.61	-37.01	-49.16	74.30		-27.00		X/E
5497.00	V	68.80	57.44	40.99	109.79	98.43	5.02	-6.34					X/F
11000.17	V	39.21	28.03	13.93	53.14	41.96	-51.63	-62.81	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

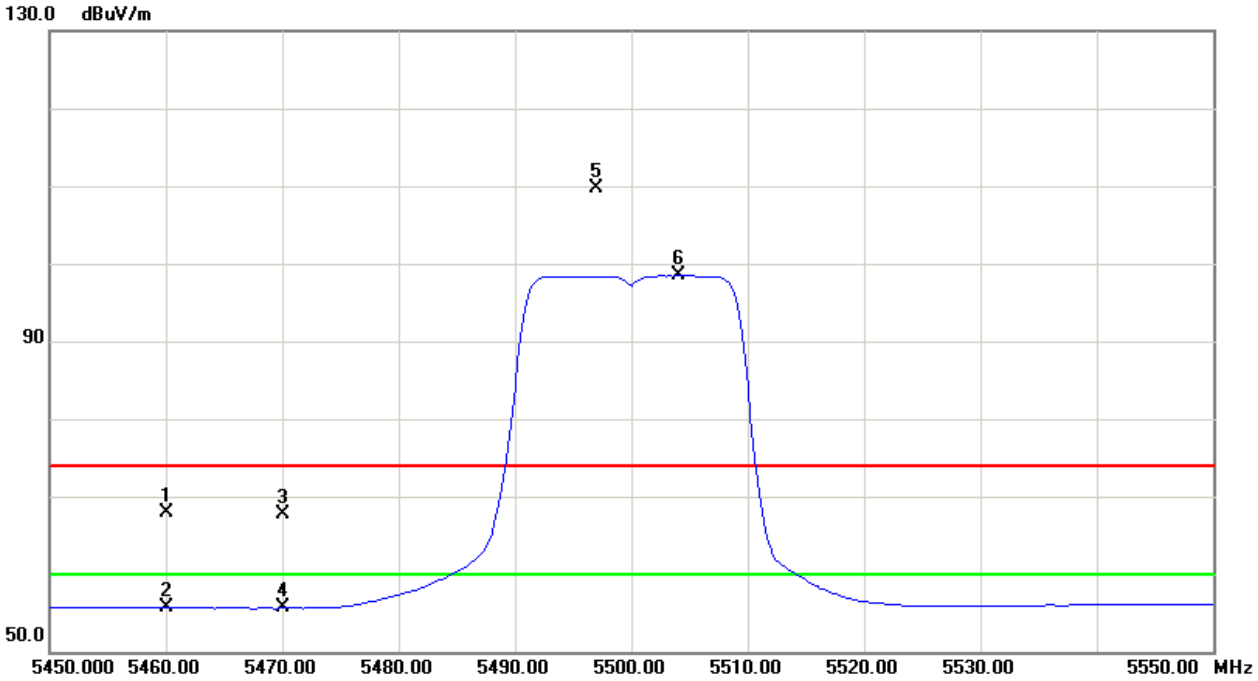
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

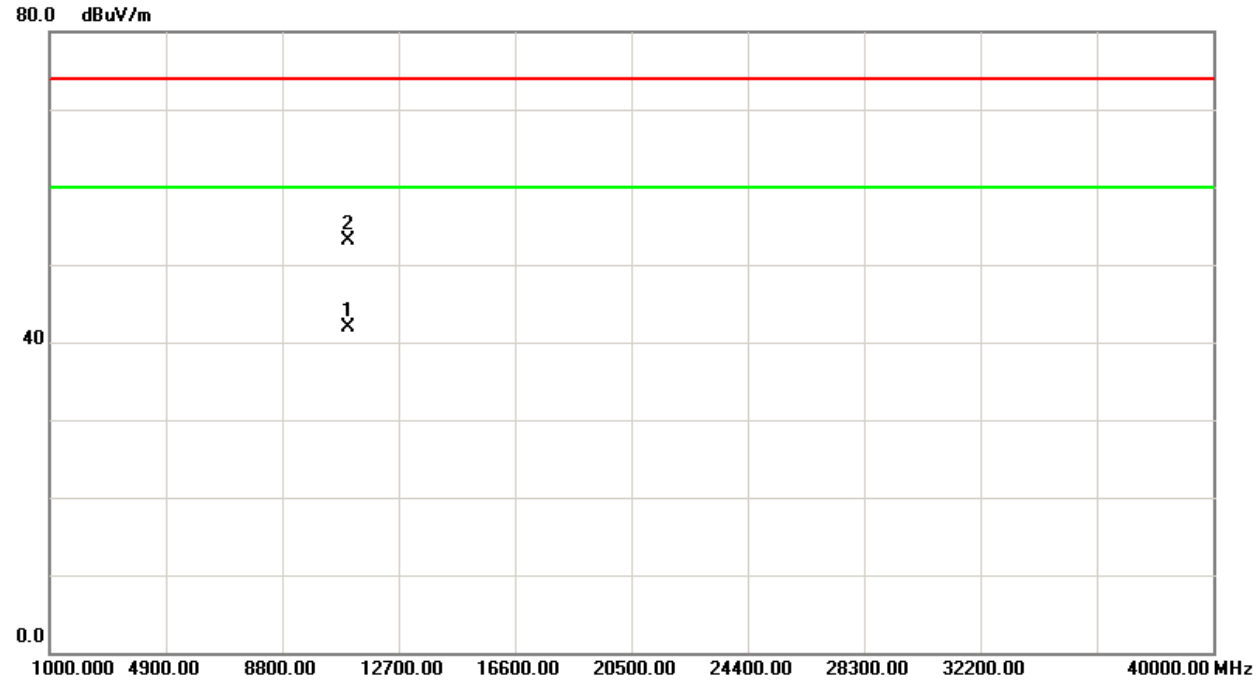
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5500MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	25.51	15.05	42.29	67.80	57.34	-36.97	-47.43	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	24.82	15.01	42.35	67.17	57.36	-37.60	-47.41	74.30		-27.00		X/E
5493.75	H	73.79	61.99	42.47	116.26	104.46	11.49	-0.31					X/F
11000.25	H	38.13	27.94	13.93	52.06	41.87	-52.71	-62.90	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

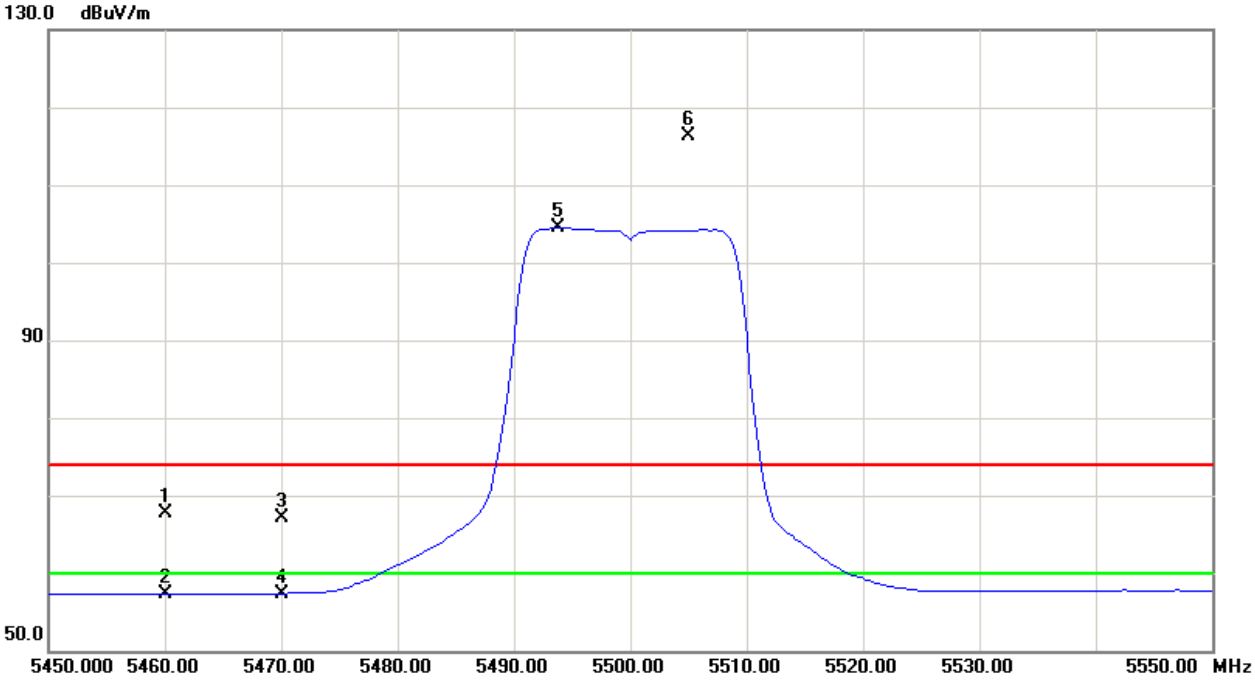
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

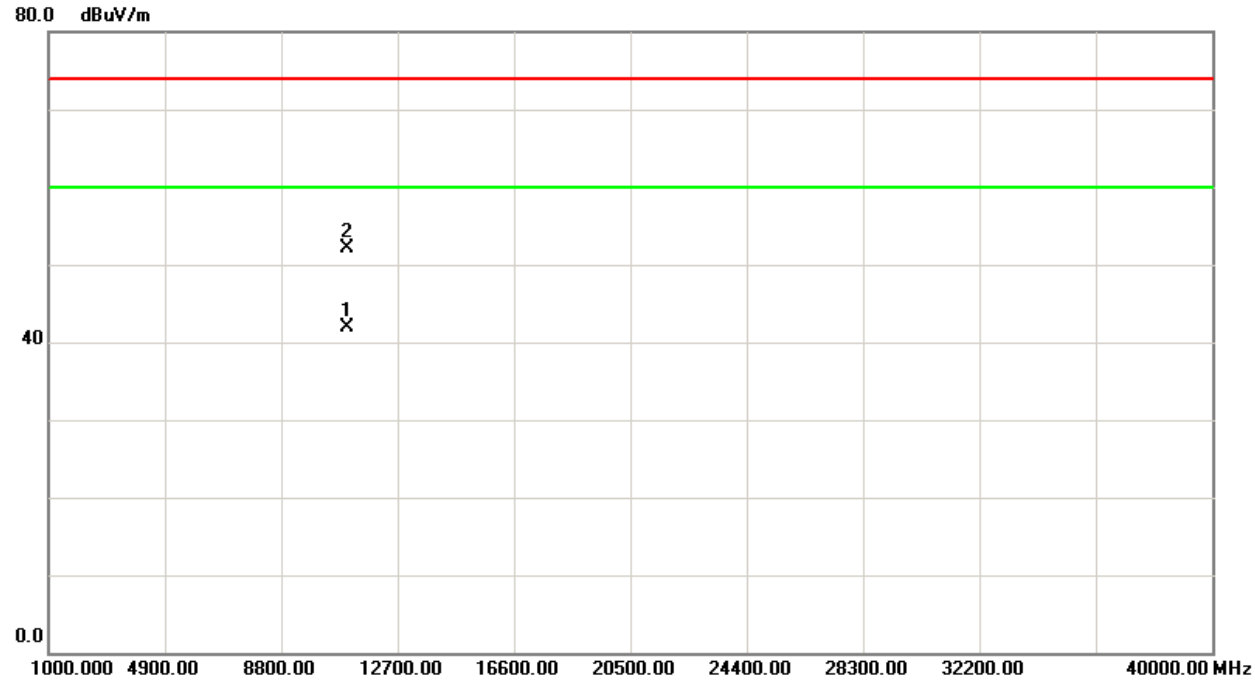
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH100 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5584.00	V	66.46	57.81	41.34	107.80	99.15	3.03	-5.62					X/F
11160.27	V	40.87	28.54	14.04	54.91	42.58	-49.86	-62.19	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

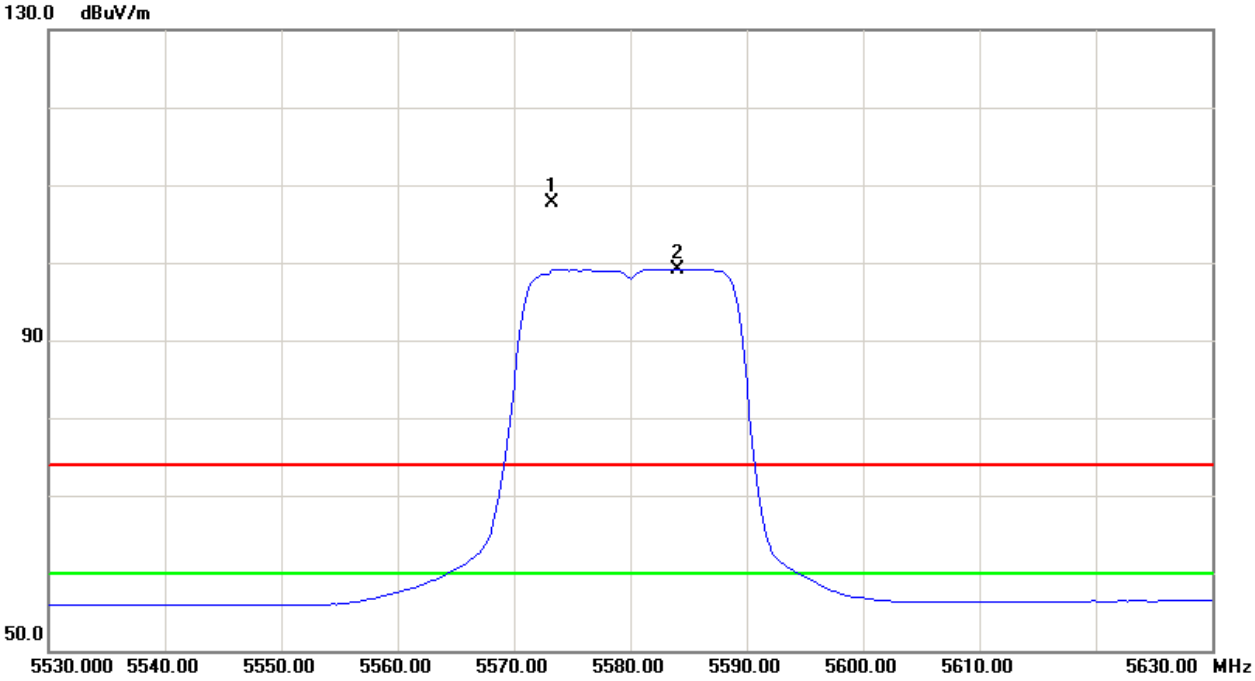
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

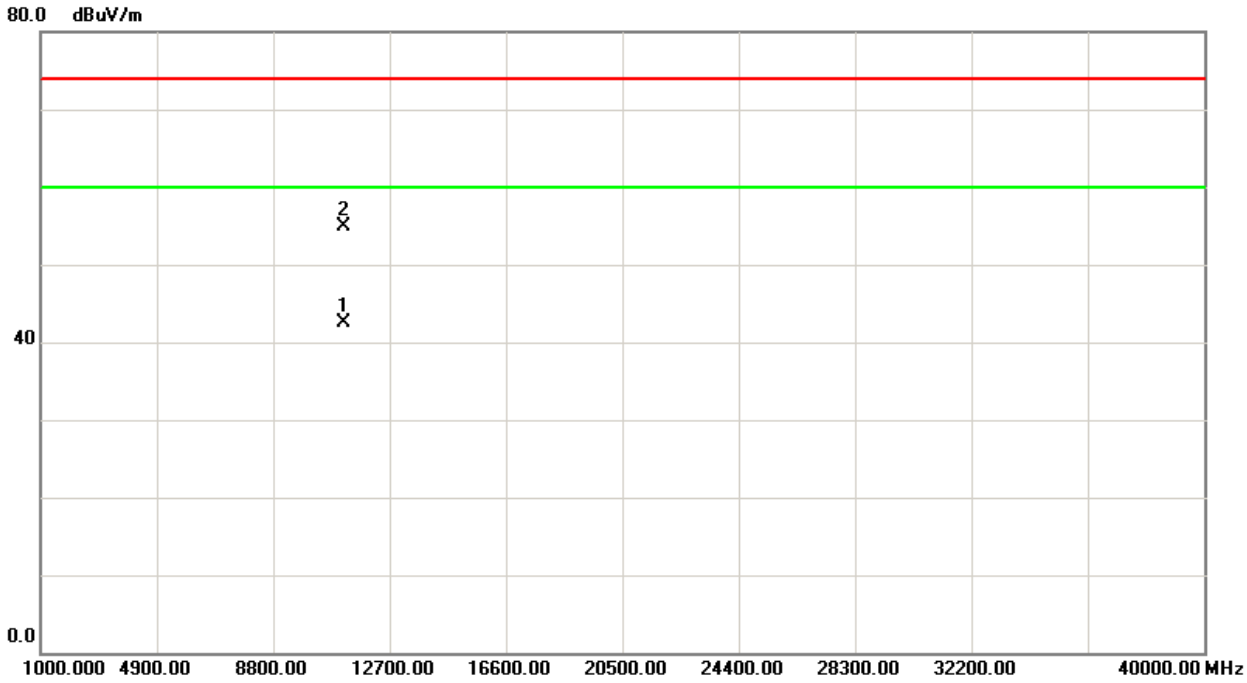
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5580MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5573.75	H	74.02	61.37	42.55	116.57	103.92	11.80	-0.85					X/F
11160.38	H	37.92	27.47	14.04	51.96	41.51	-52.81	-63.26	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

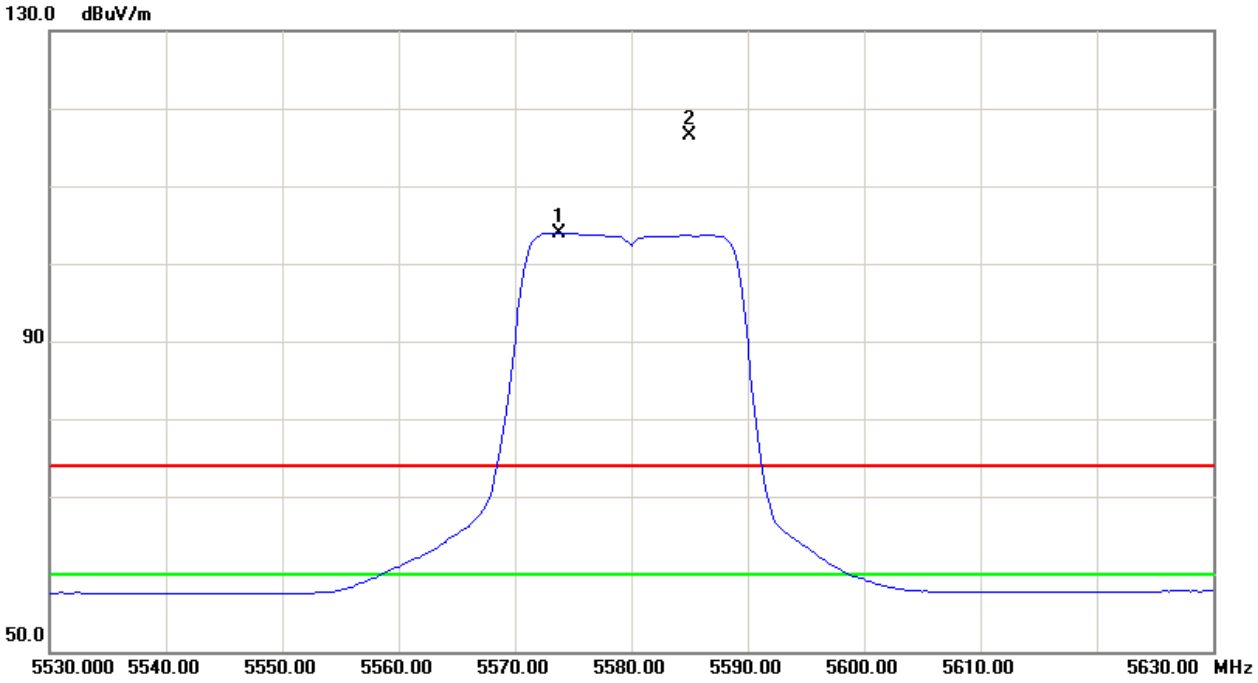
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

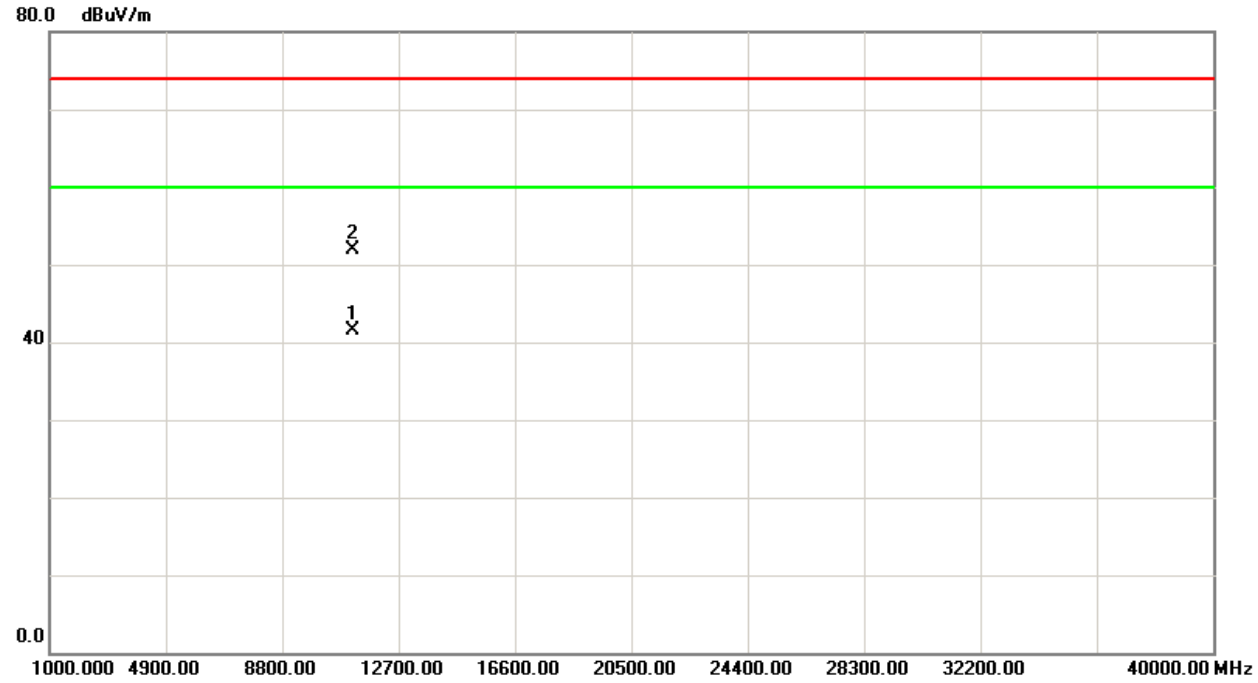
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH116 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5694.00	V	68.63	59.55	41.78	110.41	101.33	5.64	-3.44					X/F
5725.00	V	25.55	15.63	41.90	67.45	57.53	-37.32	-47.24	74.30		-27.00		X/H
11400.16	V	39.38	29.76	14.20	53.58	43.96	-51.19	-60.81	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

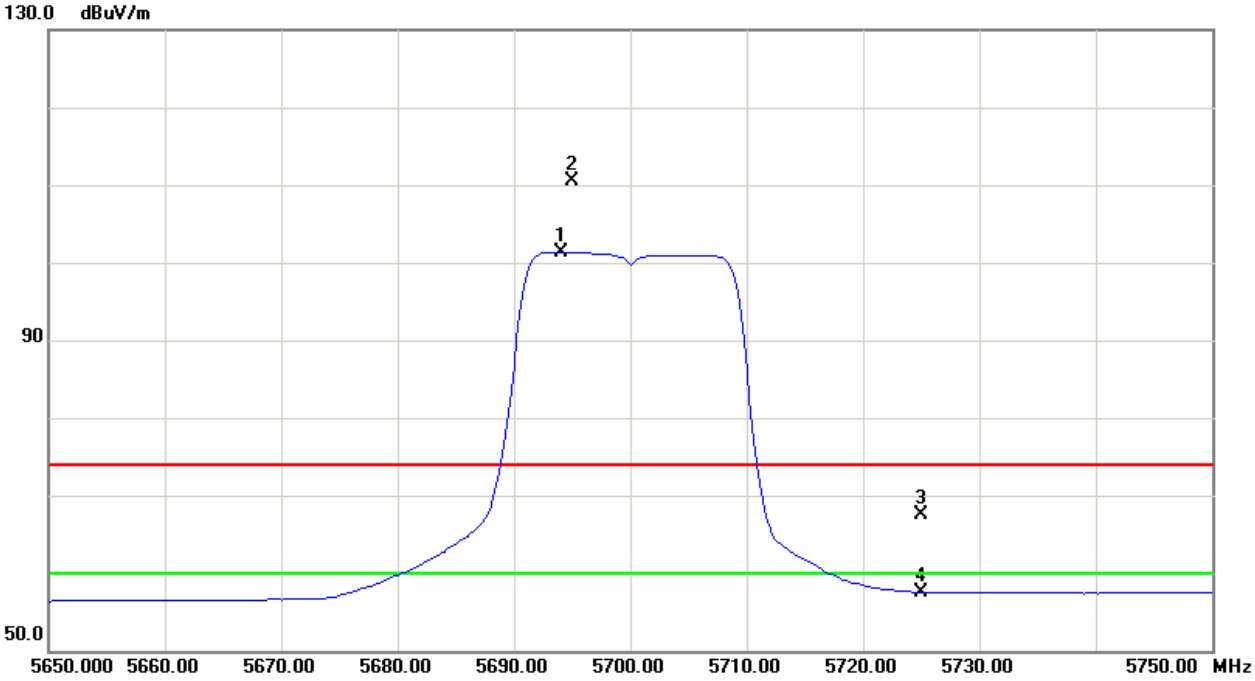
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

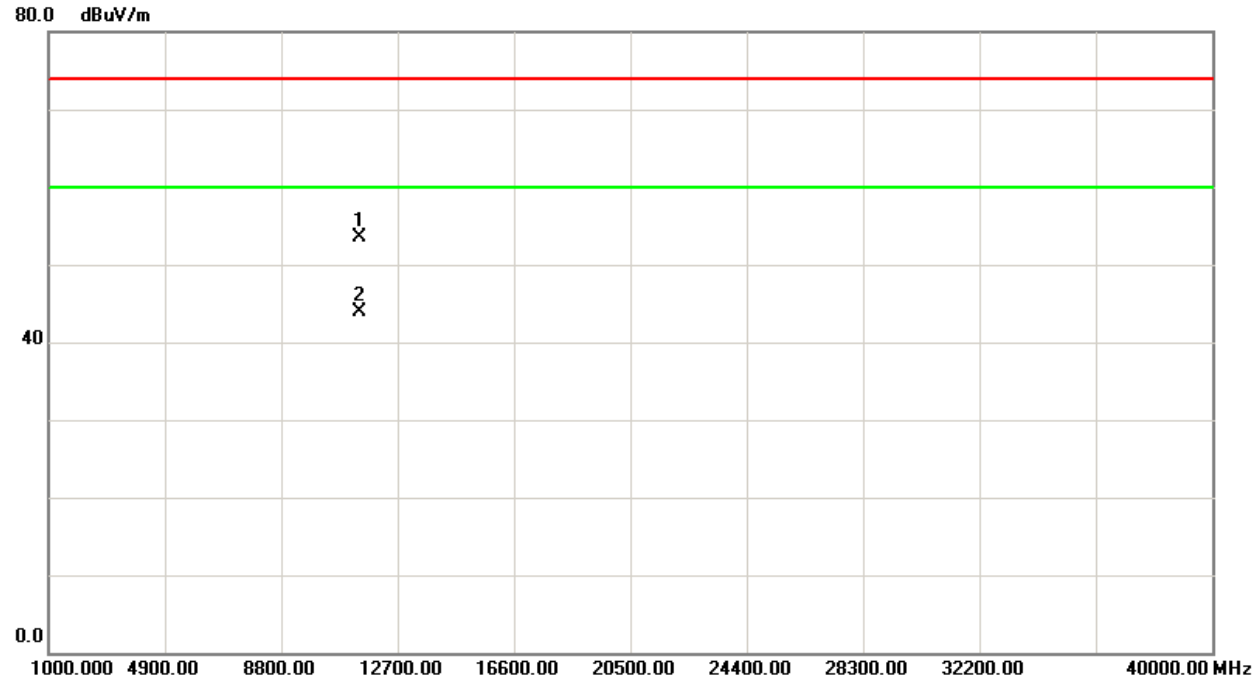
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N20 Mode 5700MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5694.25	H	72.39	61.57	41.78	114.17	103.35	9.40	-1.42					X/F
5725.00	H	27.35	15.81	41.90	69.25	57.71	-35.52	-47.06	74.30		-27.00		X/H
11400.39	H	38.78	27.65	14.20	52.98	41.85	-51.79	-62.92	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

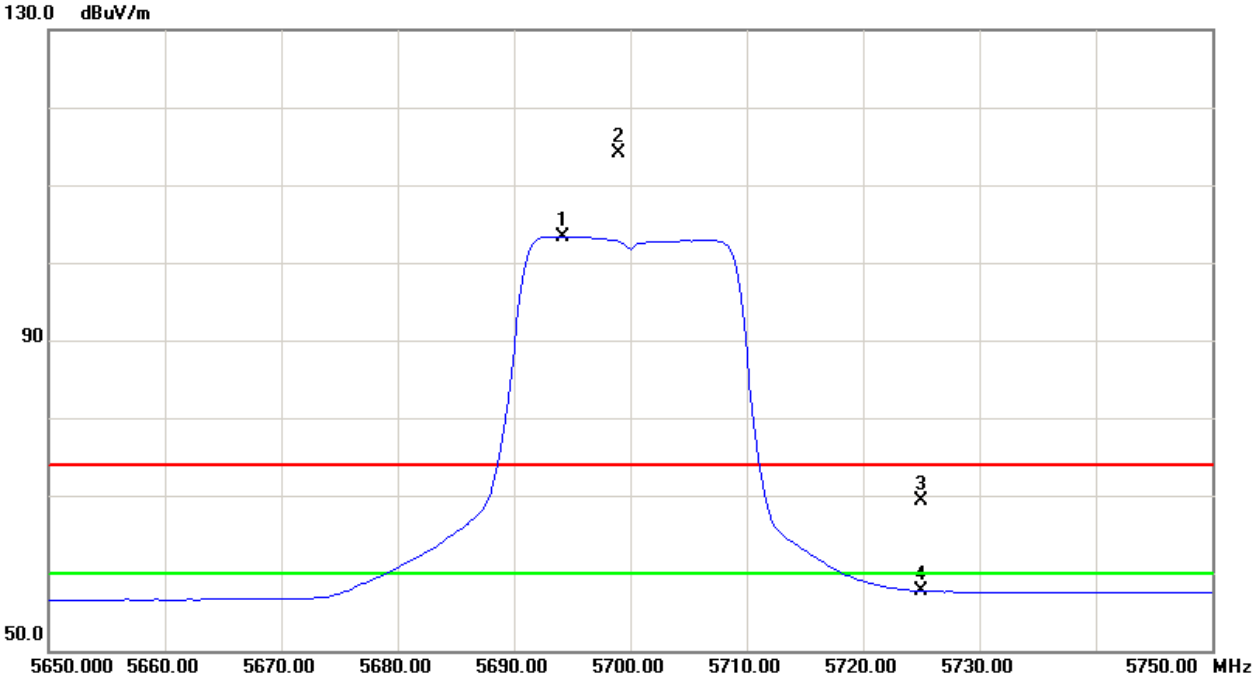
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

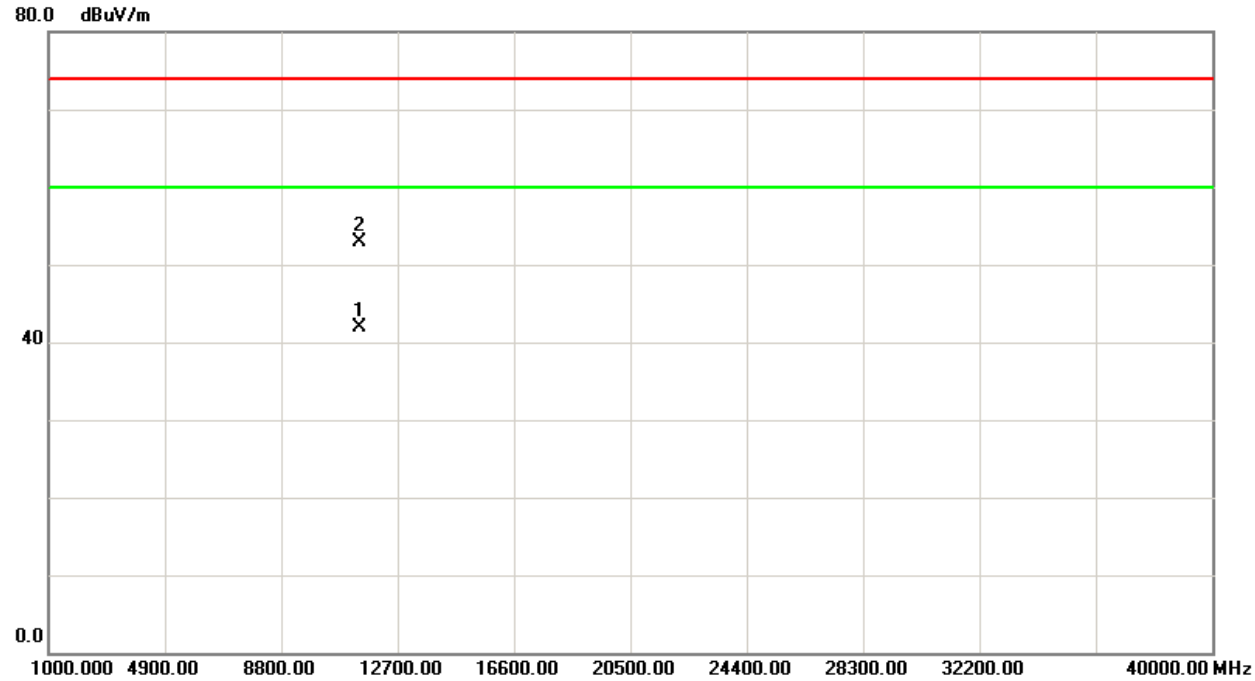
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH140 (Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5510MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	V	27.30	14.68	40.90	68.20	55.58	-36.57	-49.19	80.00	60.00	-24.77	-44.77	X/E
5470.00	V	26.70	14.84	40.93	67.63	55.77	-37.14	-49.00	74.30		-27.00		X/E
5523.00	V	62.33	50.63	41.09	103.42	91.72	-1.35	-13.05					X/F
11020.27	V	37.73	27.63	13.94	51.67	41.57	-53.10	-63.20	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

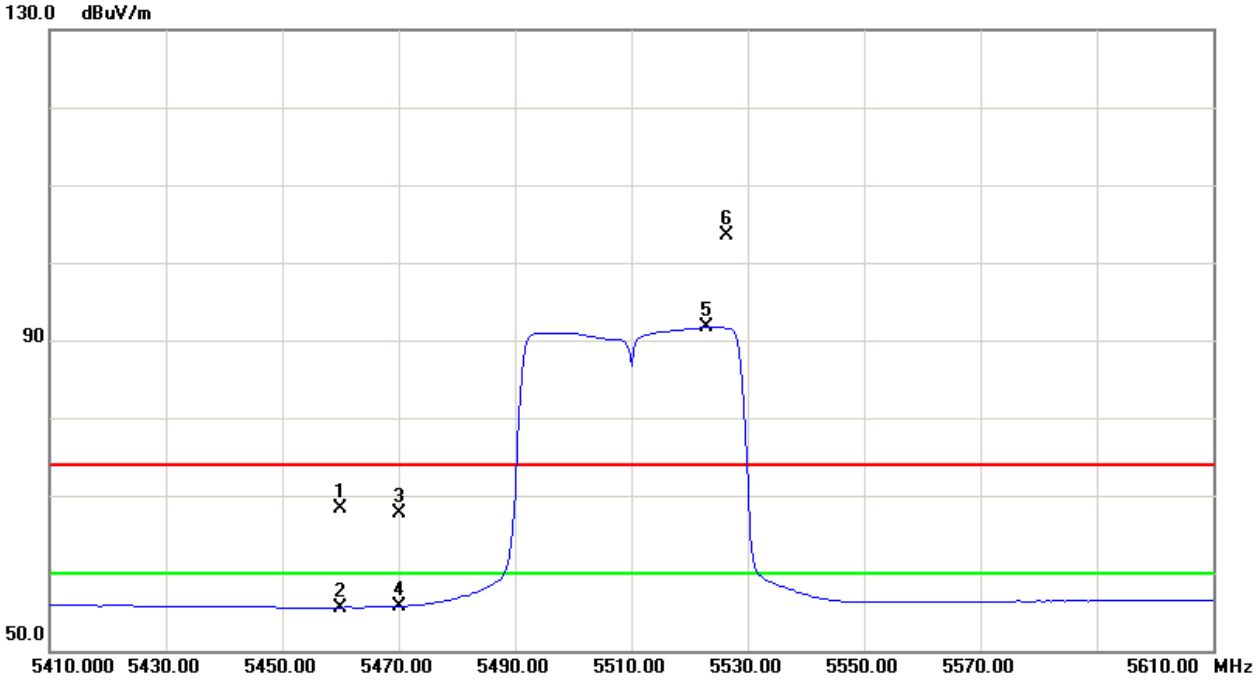
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

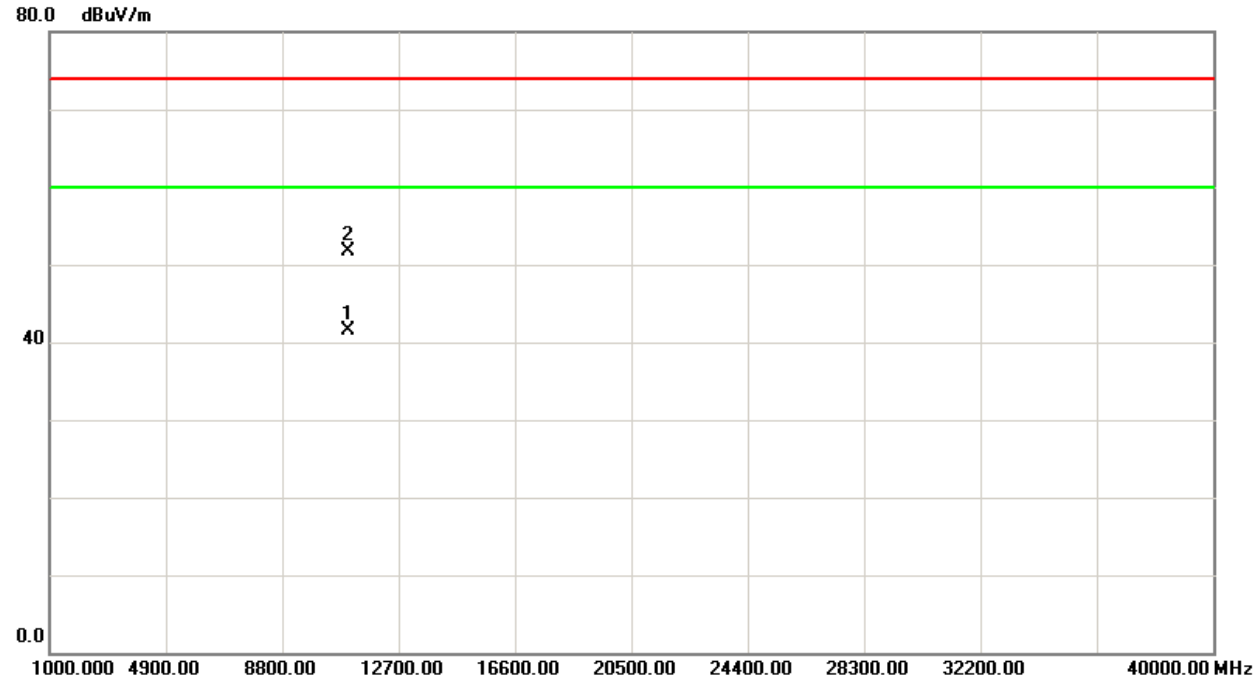
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH102(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5510MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5460.00	H	27.10	14.91	40.90	68.00	55.81	-36.77	-48.96	80.00	60.00	-24.77	-44.77	X/E
5470.00	H	27.82	15.65	40.93	68.75	56.58	-36.02	-48.19	74.30		-27.00		X/E
5497.50	H	68.03	55.80	41.00	109.03	96.80	4.26	-7.97					X/F
11020.42	H	37.07	26.64	13.94	51.01	40.58	-53.76	-64.19	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

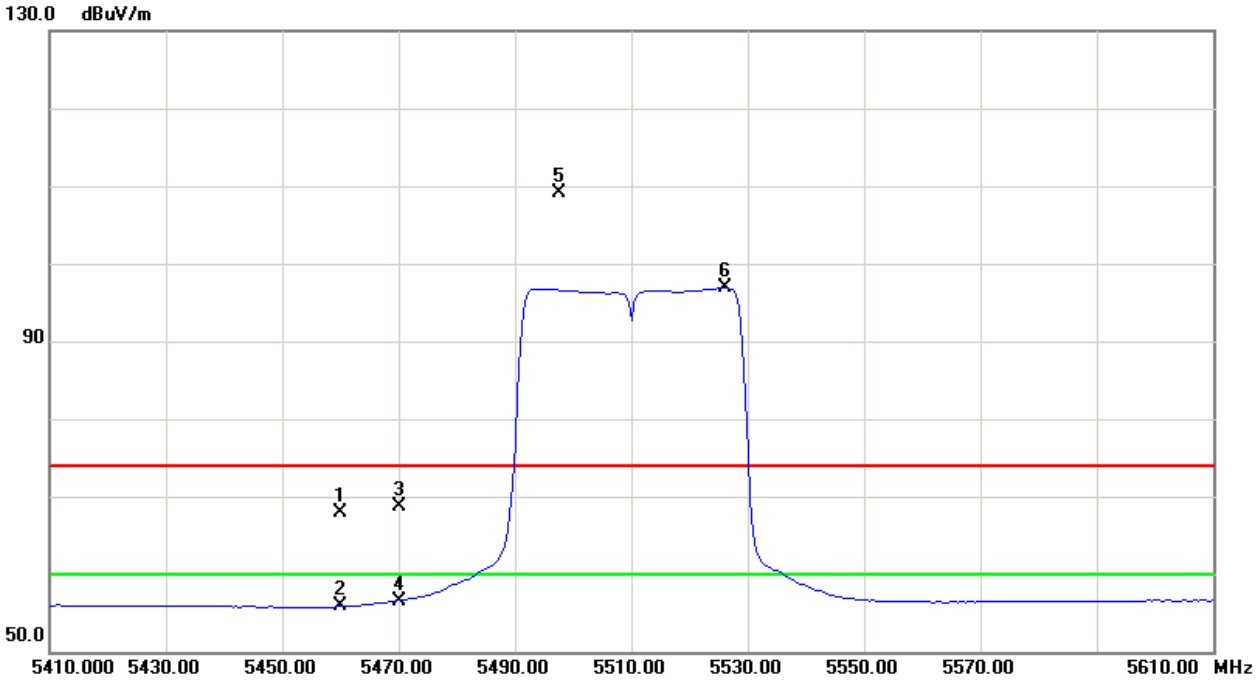
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

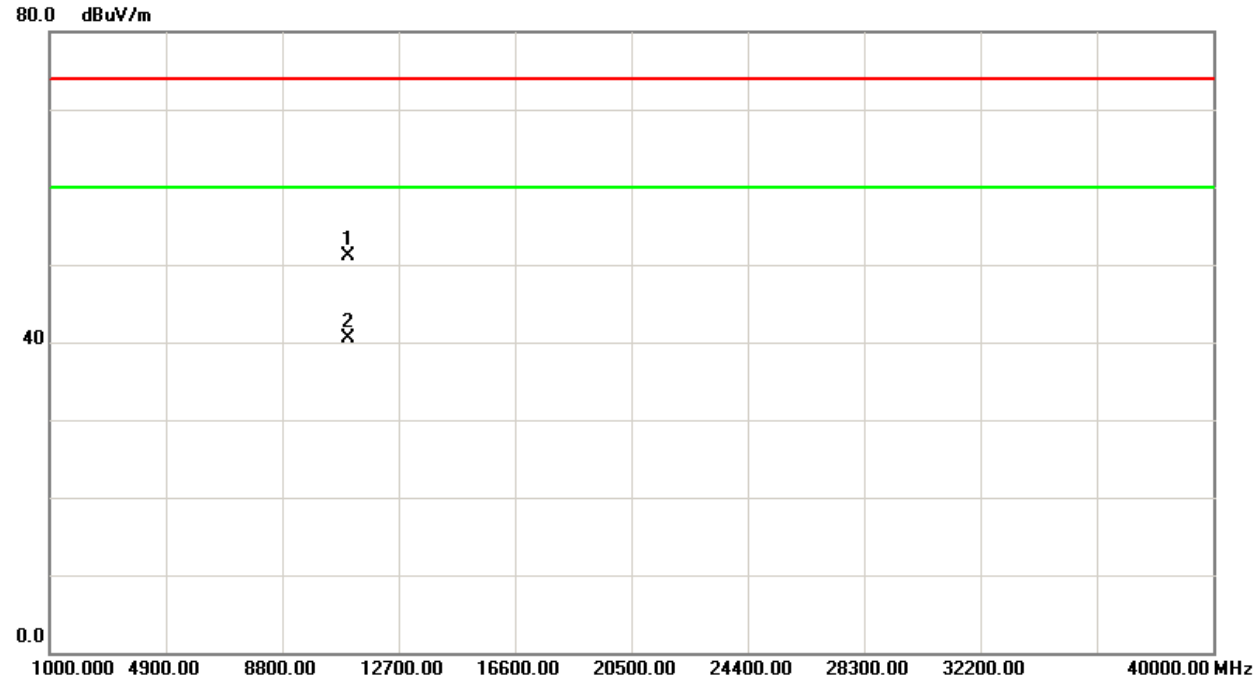
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH102(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5550MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5539.00	V	66.22	54.63	41.15	107.37	95.78	2.60	-8.99					X/F
11100.22	V	39.84	27.98	14.00	53.84	41.98	-50.93	-62.79	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

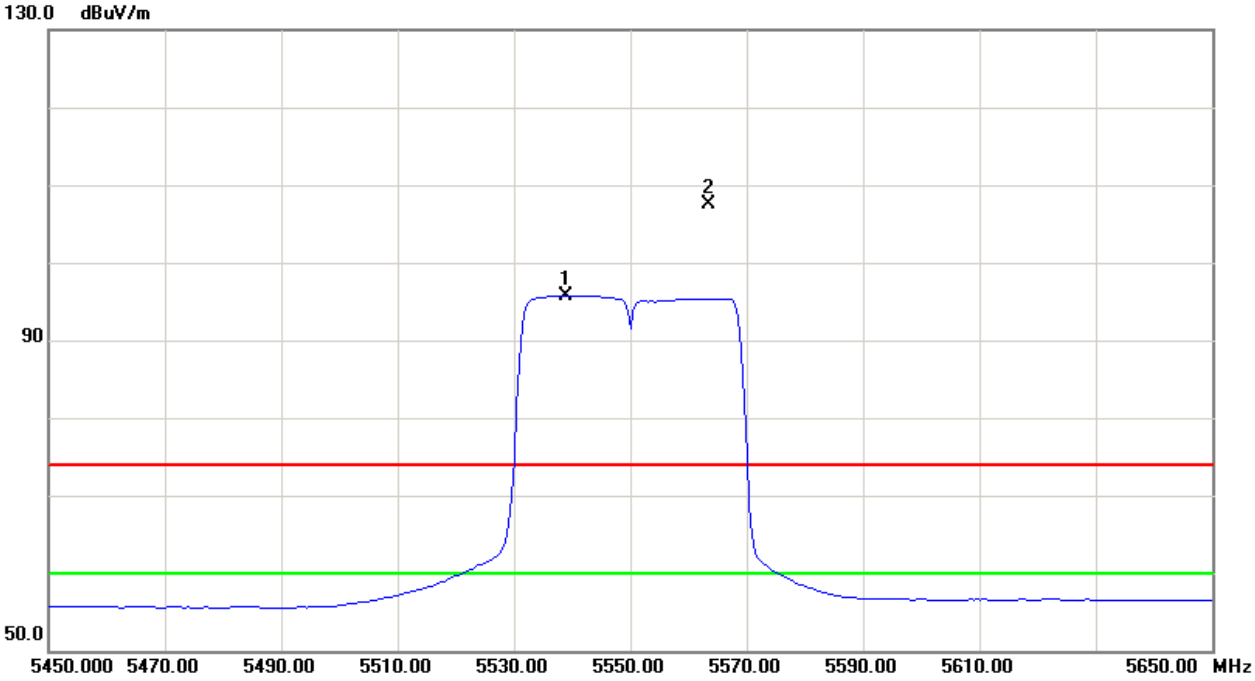
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

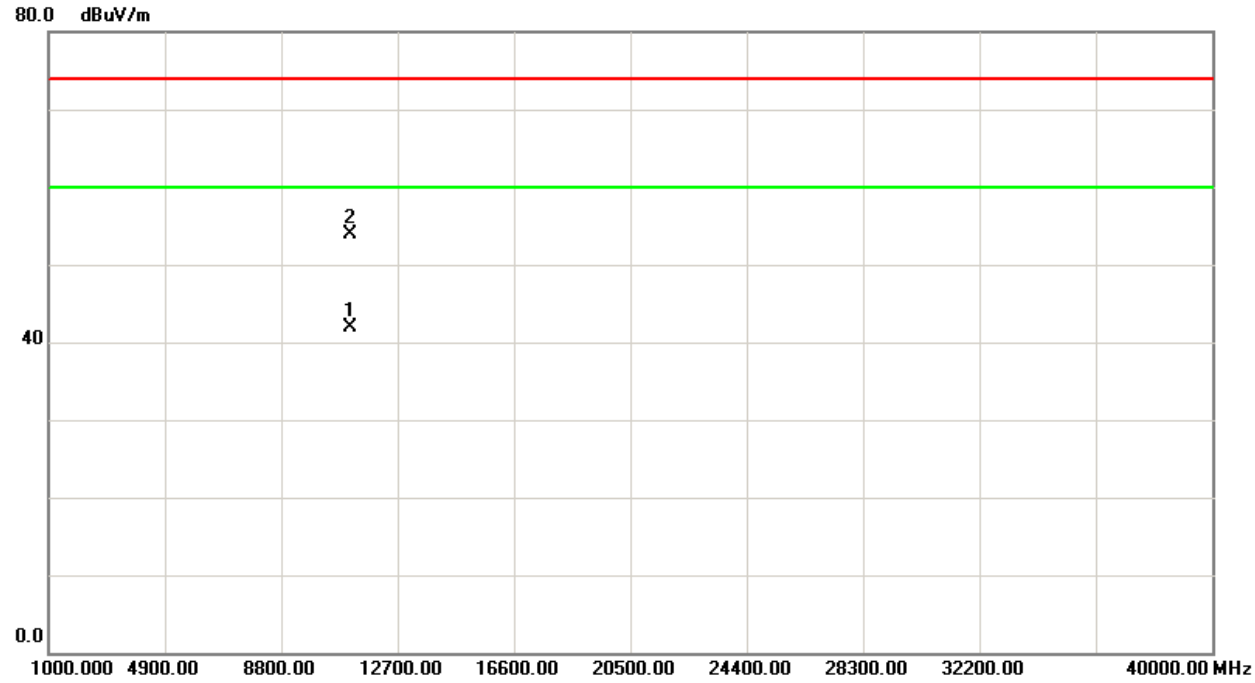
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH110(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5550MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5536.00	H	70.45	59.06	41.14	111.59	100.20	6.82	-4.57					X/F
11100.29	H	36.74	26.53	14.00	50.74	40.53	-54.03	-64.24	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

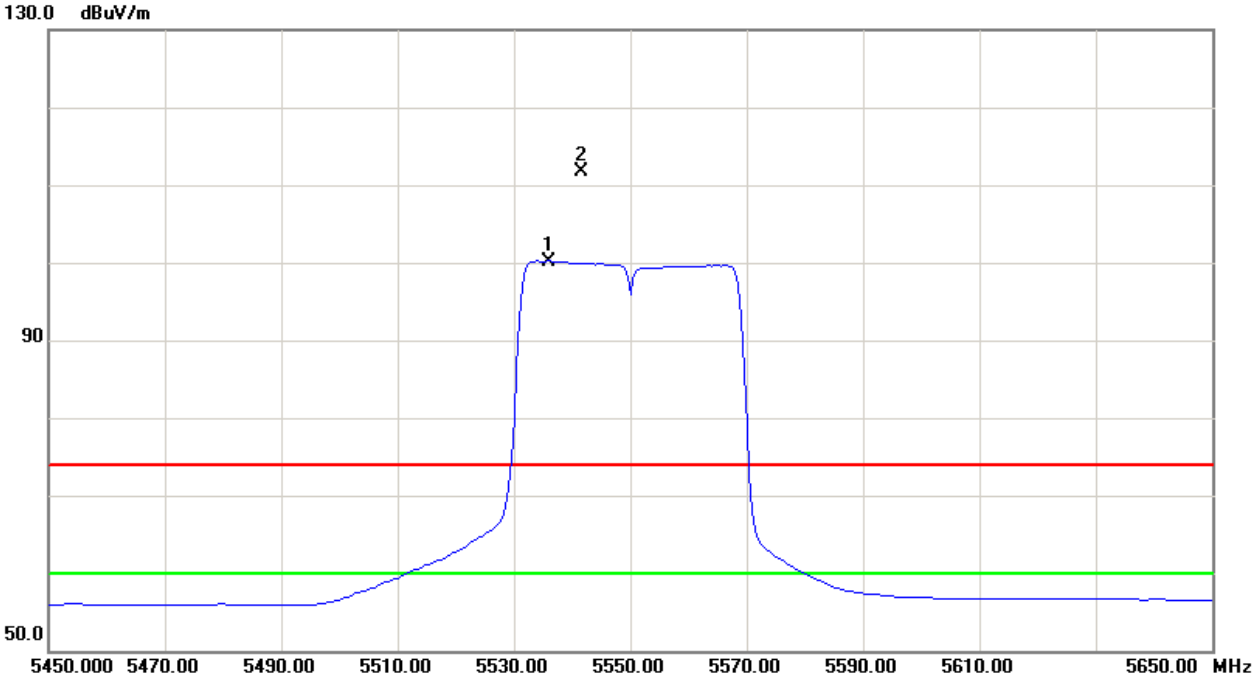
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

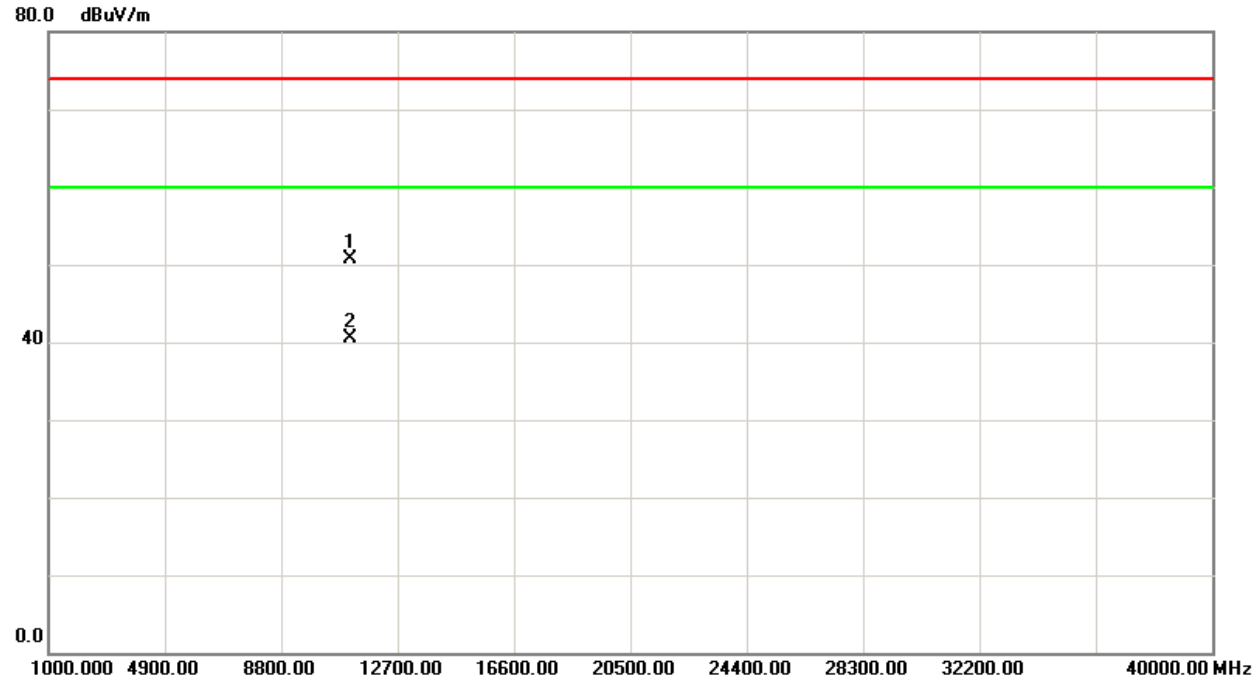
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH110(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5670MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5653.00	V	67.55	56.06	41.61	109.16	97.67	4.39	-7.10					X/F
5725.00	V	27.36	15.54	41.90	69.26	57.44	-35.51	-47.33	74.30		-27.00		X/E
11340.12	V	37.61	28.00	14.16	51.77	42.16	-53.00	-62.61	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

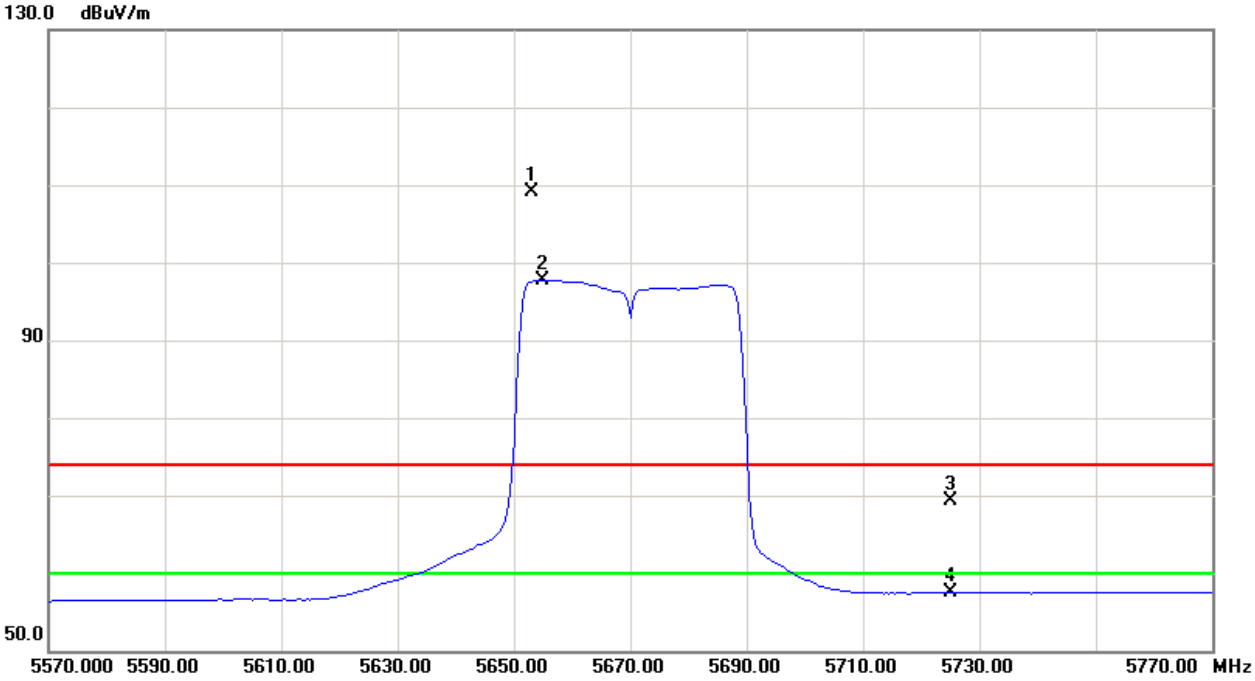
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

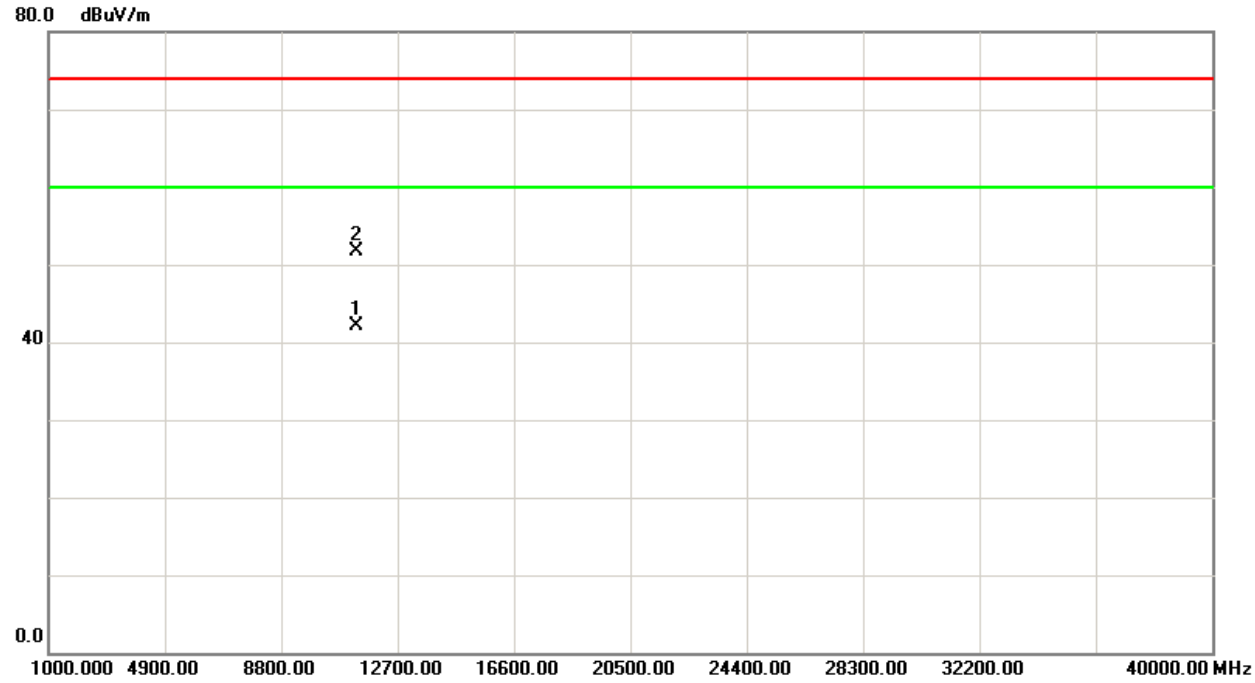
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH134(Above 1000 MHz, Vertical)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	Band 3/ TX N40 Mode 5670MHz – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5653.50	H	70.40	58.60	41.61	112.01	100.21	7.24	-4.56					X/F
5725.00	H	28.57	15.66	41.90	70.47	57.56	-34.30	-47.21	74.30		-27.00		X/E
11340.26	H	36.98	26.12	14.16	51.14	40.28	-53.63	-64.49	80.00	60.00	-24.77	-44.77	X/H

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) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(5) 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.

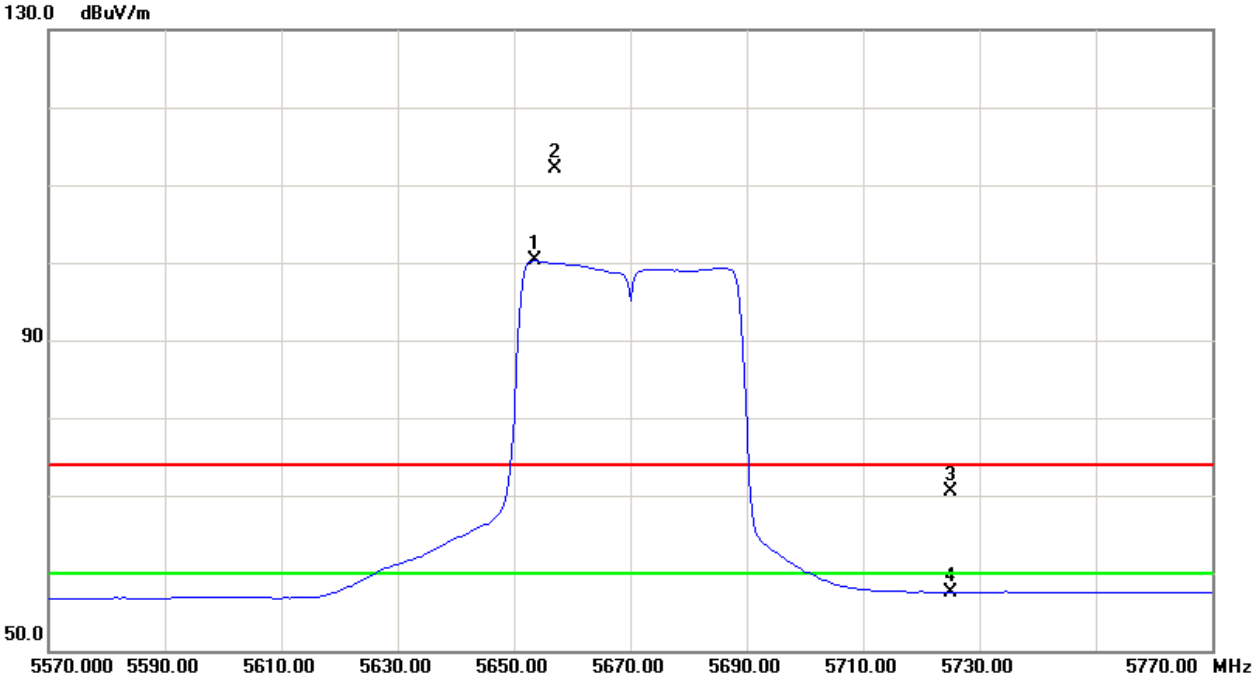
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

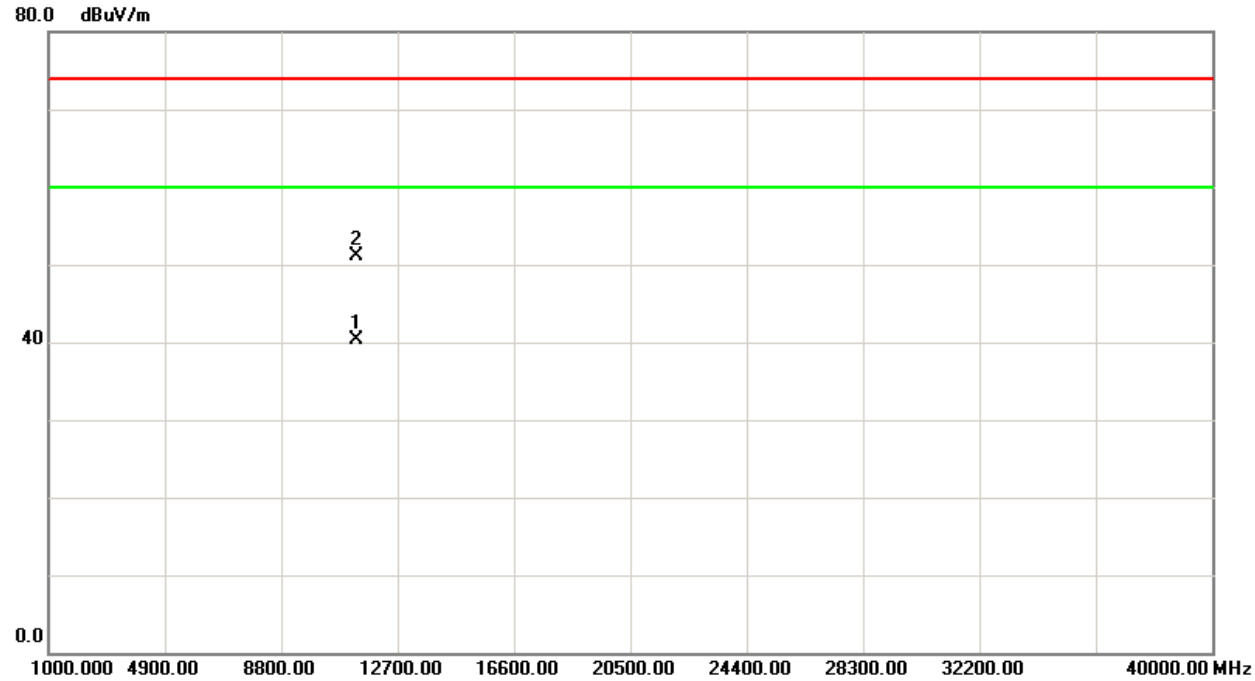
(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) 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.

(9) The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

Orthogonal Axis：X
Band 3/CH134(Above 1000 MHz, Horizontal)





EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1006hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1599.82	V	49.05	38.77	-5.09	43.96	33.68	80.00	60.00	X/H

Remark：

(1) 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。

(2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

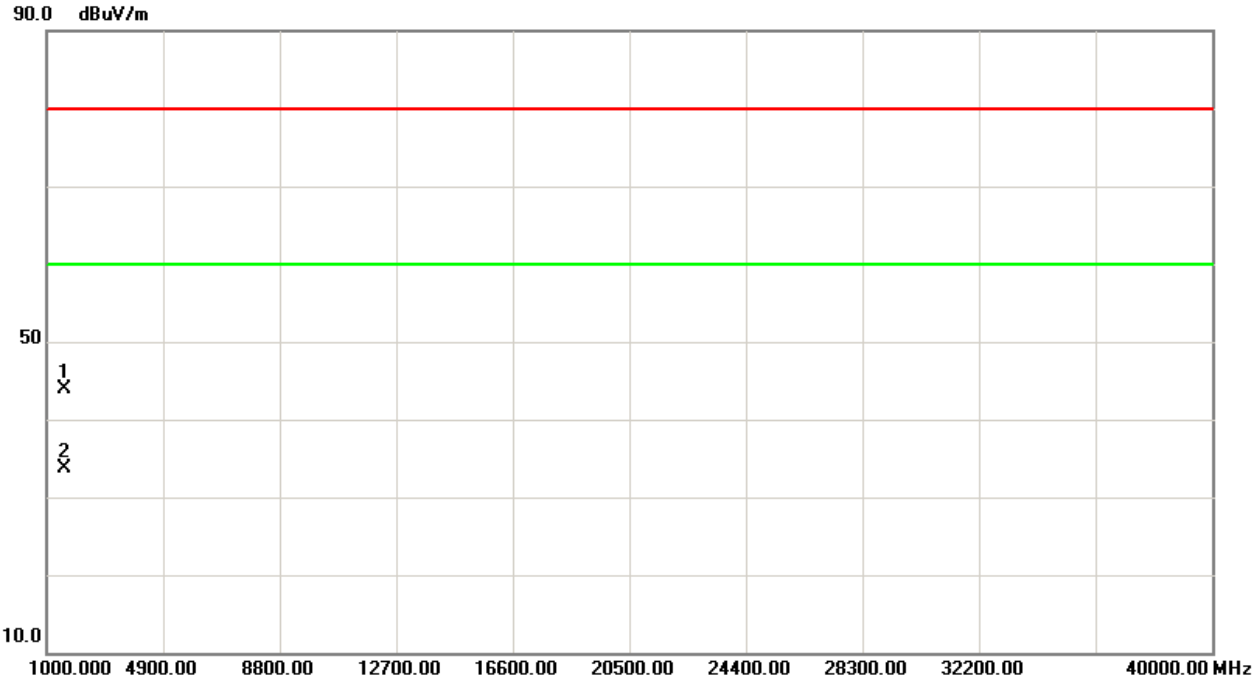
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(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 Axis：

"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand



EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1006hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	RX Mode – Worst case(2TX)		
Note ：	ANT: Nippon Antenna(Shanghai)		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1600.00	H	53.07	44.83	-5.09	47.98	39.74	80.00	60.00	X/H

Remark：

(1) 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。

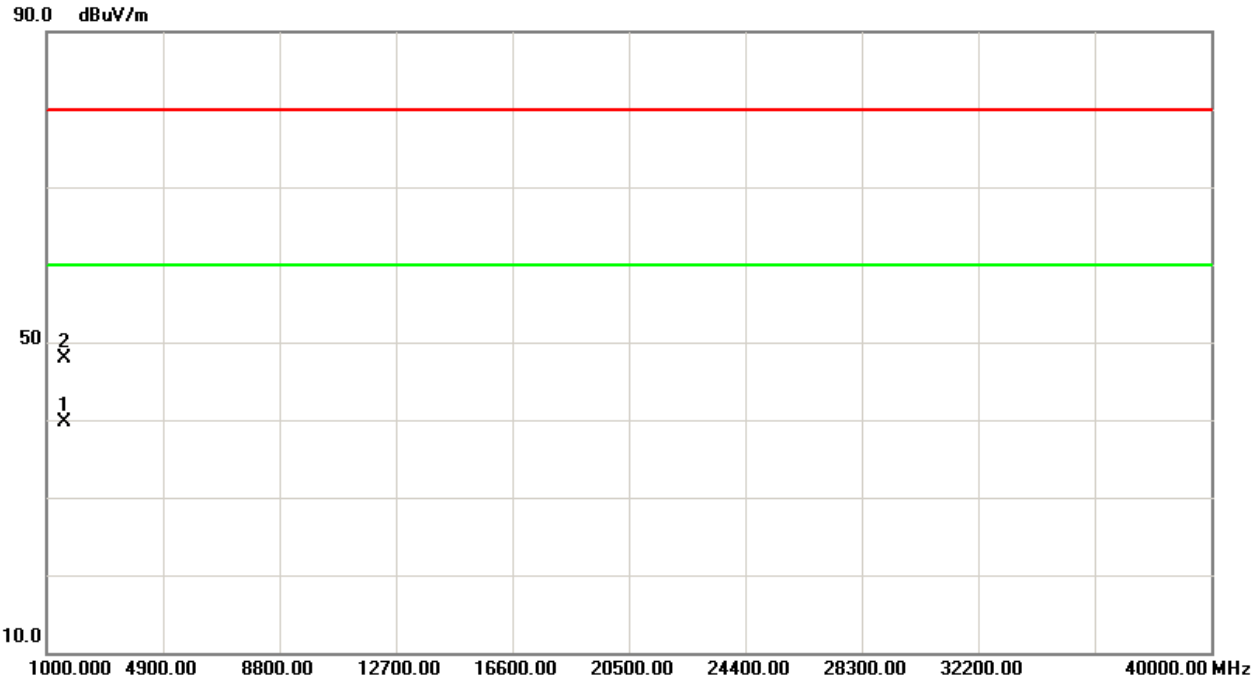
(2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(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 Axis：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand



5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2011	Nov.26.2012

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

5.1.2 TEST PROCEDURE

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

b.

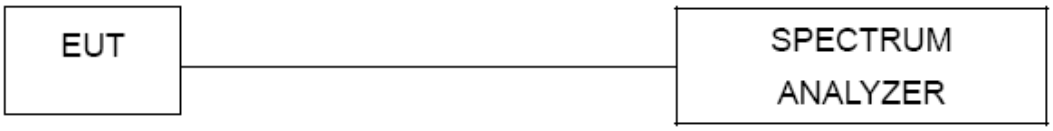
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RB	300 kHz
VB	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP



5.1.5 EUT OPERATION CONDITIONS

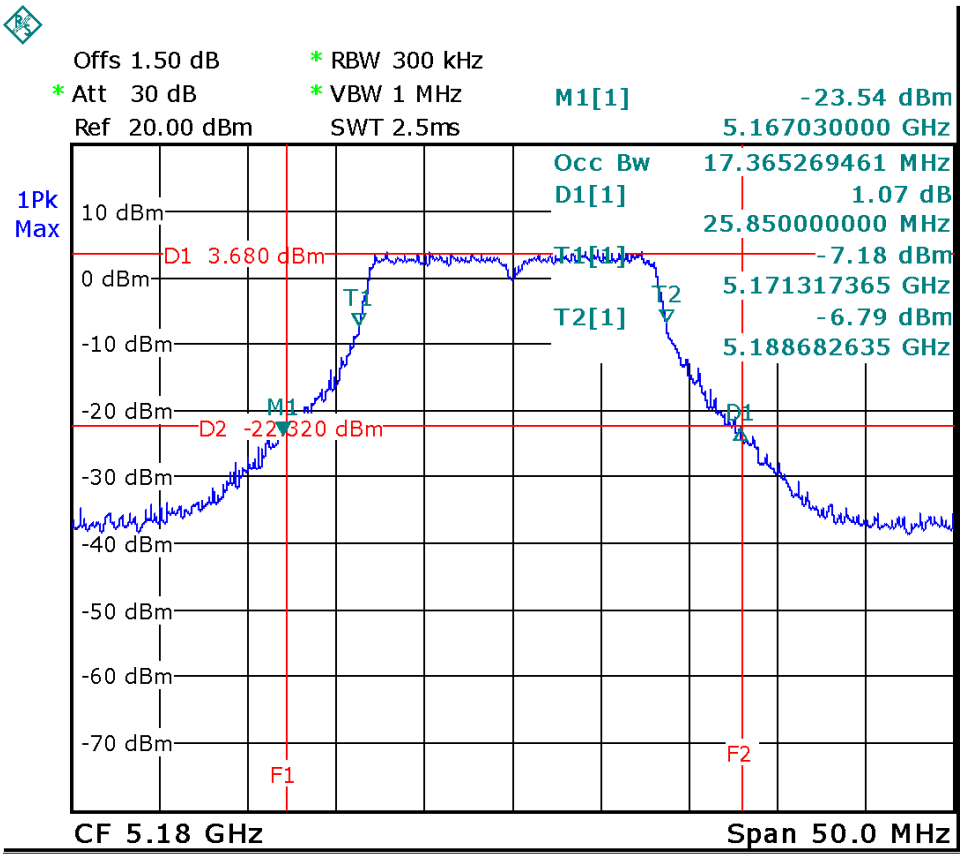
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX A Mode /CH36, CH40, CH48		

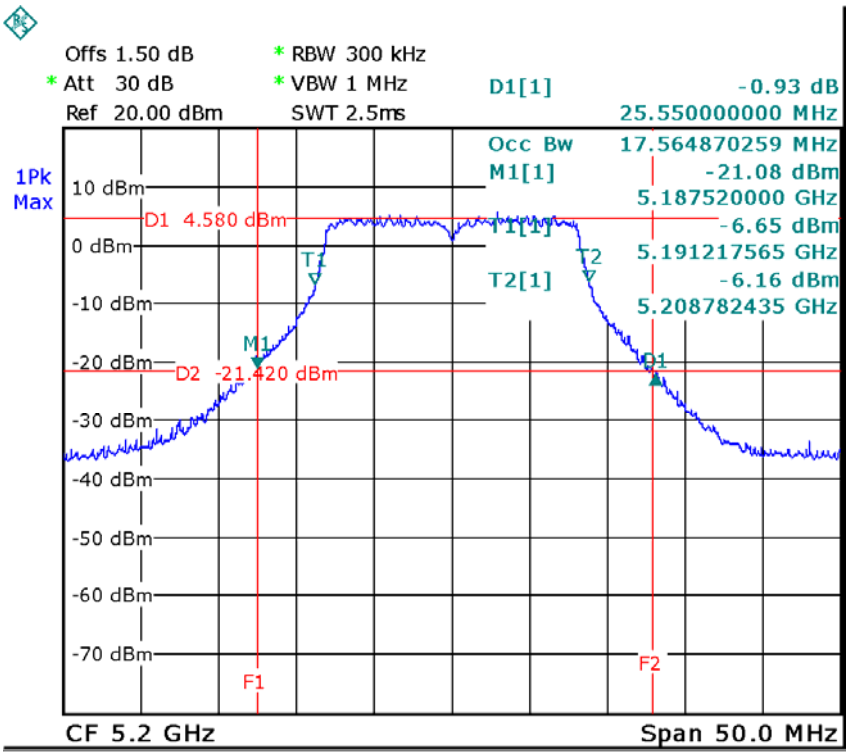
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	25.85	17.37
CH40	5210	25.55	17.56
CH48	5240	24.95	17.56

CH36



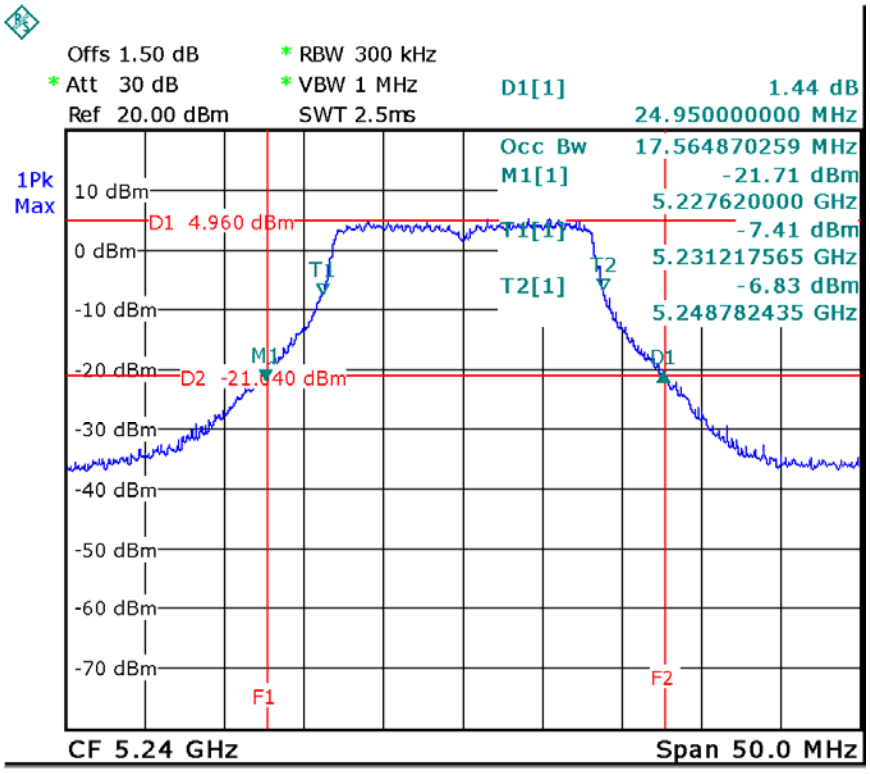
Date: 19.SEP.2012 15:22:48

CH40



Date: 19.SEP.2012 15:52:41

CH48

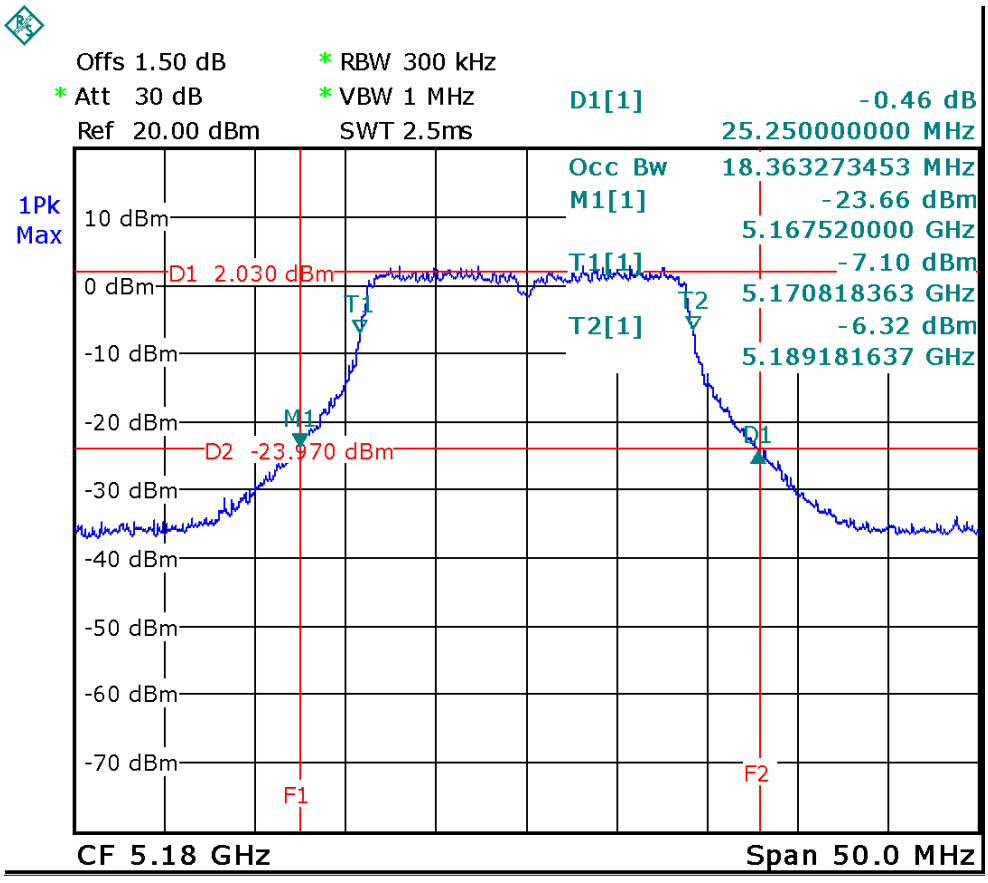


Date: 19.SEP.2012 15:49:01

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TXN20 Mode /CH36, CH40, CH48		

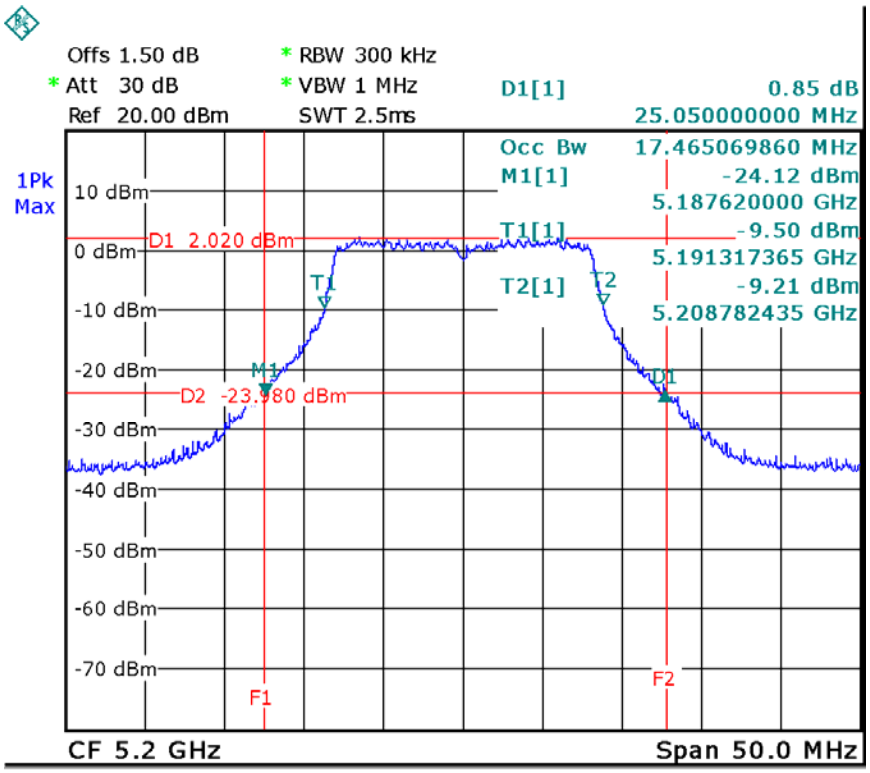
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	25.25	18.36
CH40	5210	25.05	17.47
CH48	5240	24.75	18.36

CH36



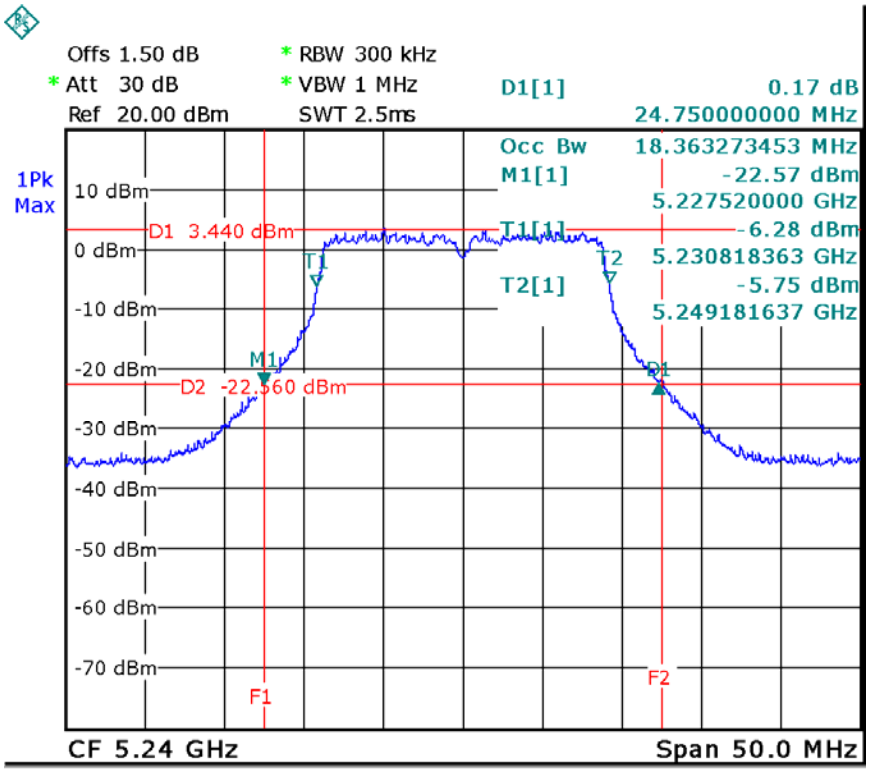
Date: 19.SEP.2012 16:02:17

CH40



Date: 19.SEP.2012 16:08:46

CH48

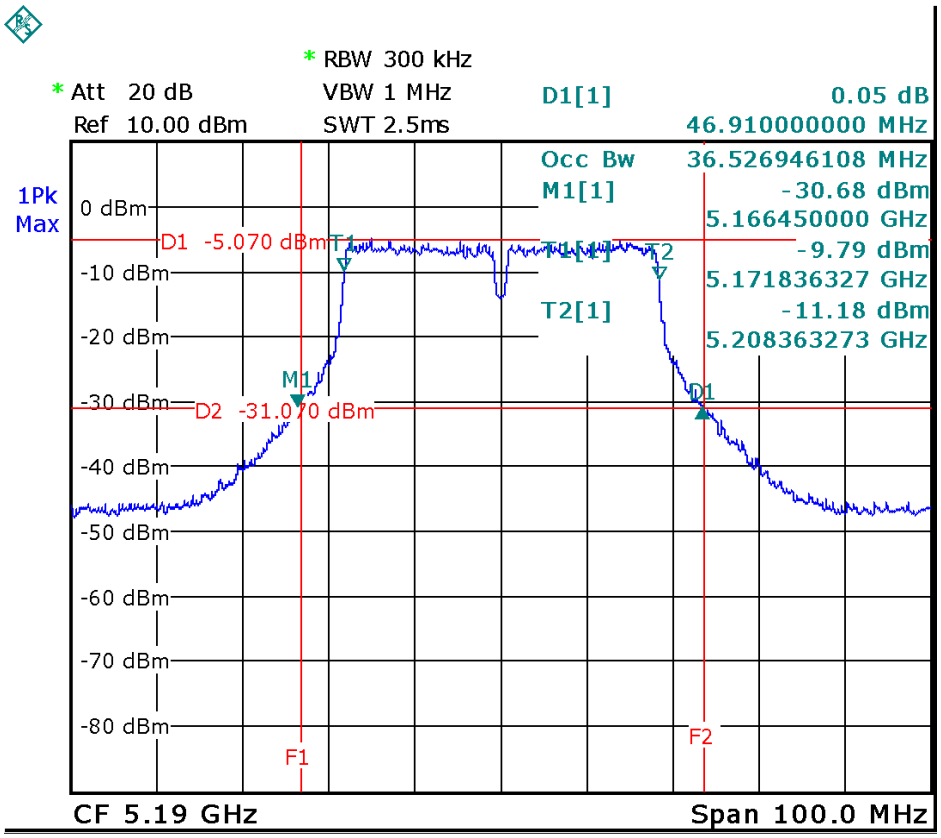


Date: 19.SEP.2012 16:17:01

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TXN40 Mode /CH38, CH46		

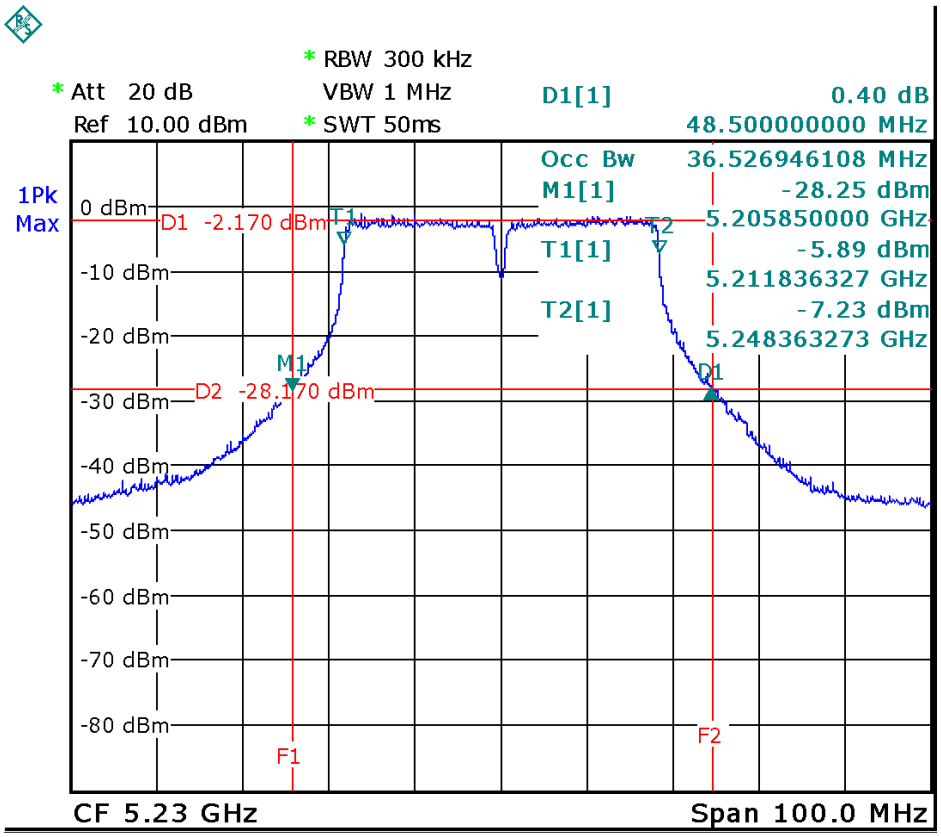
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	46.91	36.53
CH46	5230	48.50	36.53

CH38



Date: 21.SEP.2012 14:39:15

CH46

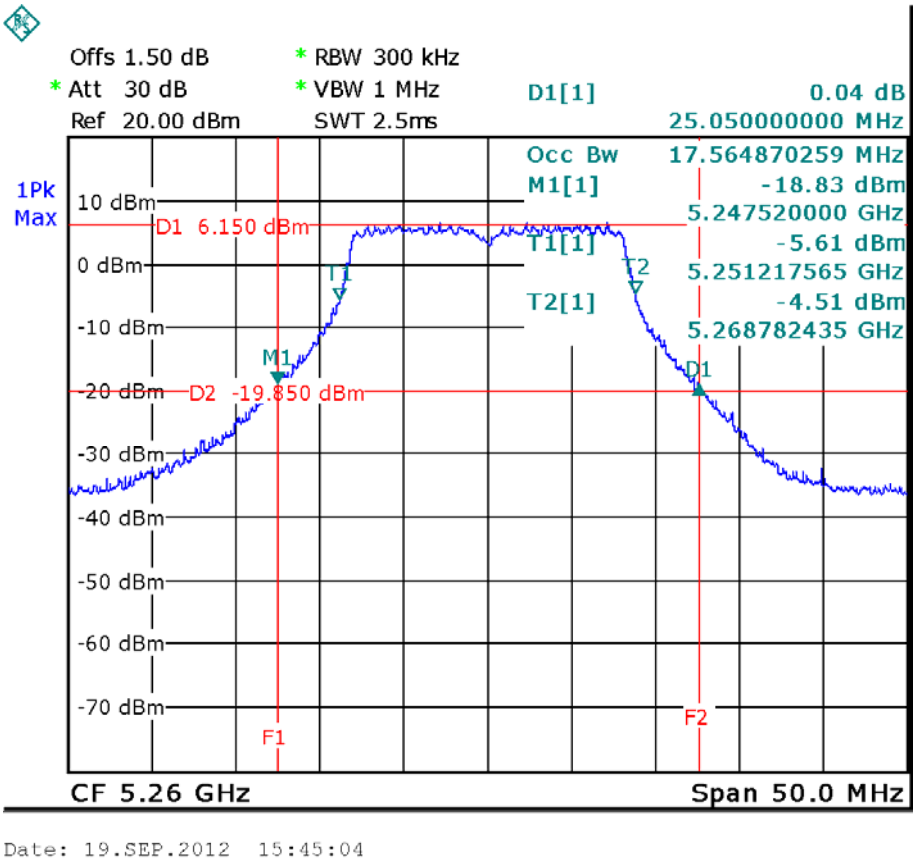


Date: 21.SEP.2012 14:44:22

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX A Mode /CH52, CH56, CH64		

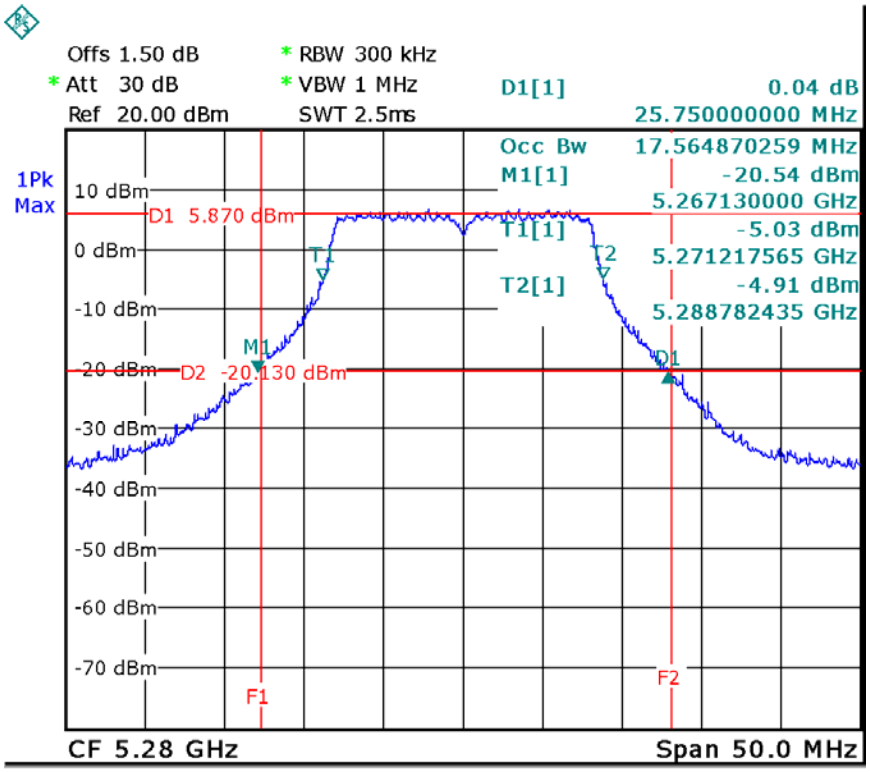
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.05	17.56
CH56	5280	25.75	17.56
CH64	5320	25.35	17.56

CH52



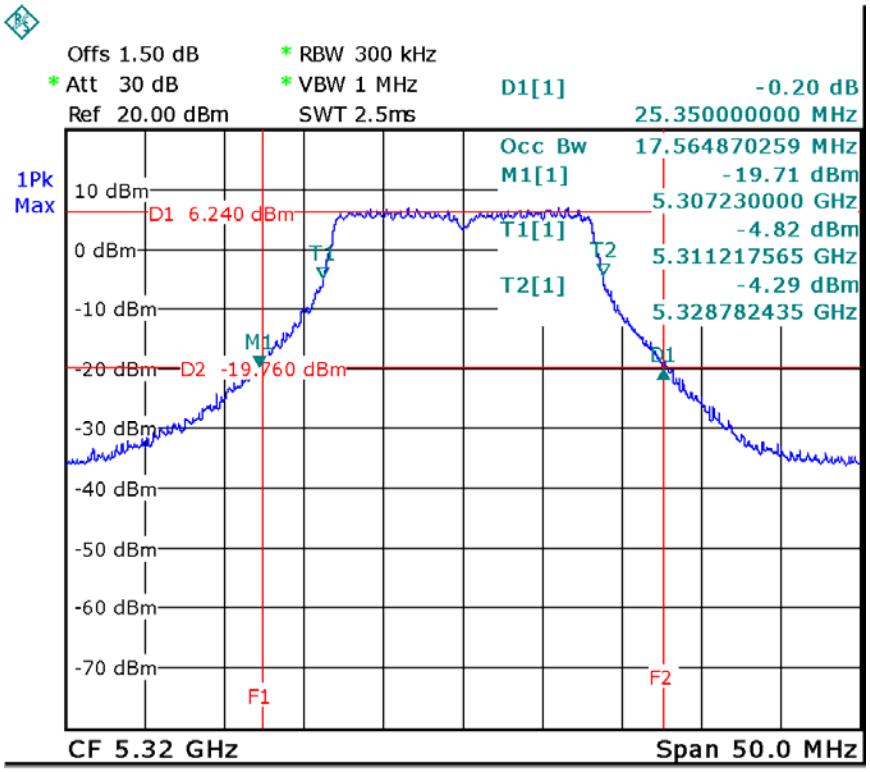
Date: 19.SEP.2012 15:45:04

CH56



Date: 19.SEP.2012 15:42:29

CH64

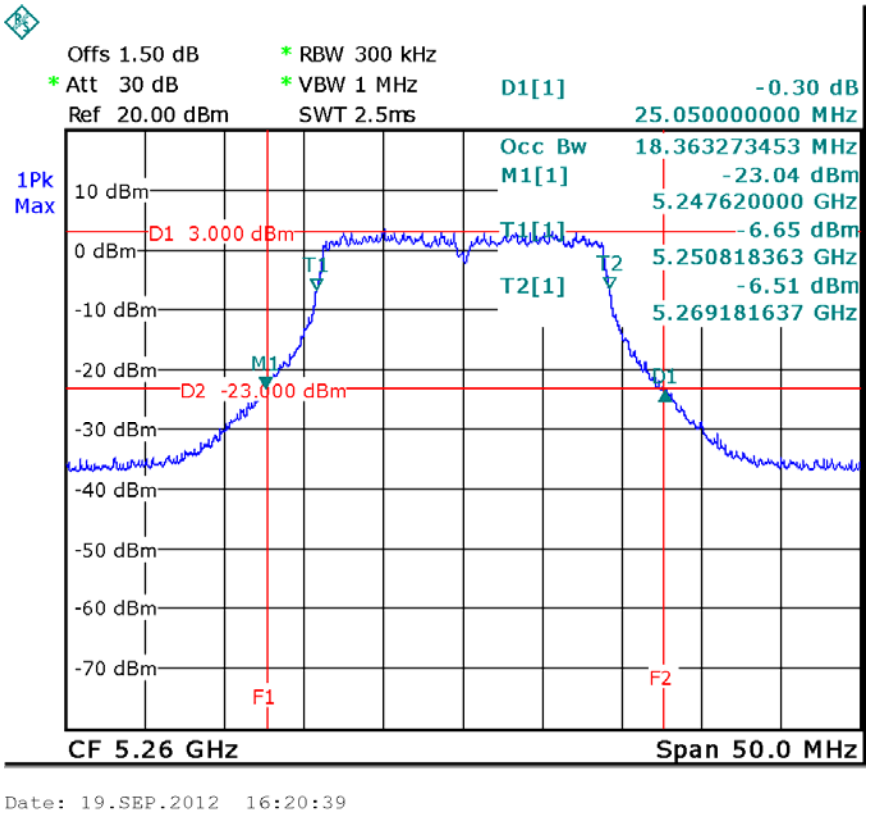


Date: 19.SEP.2012 15:26:19

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N20 Mode /CH52, CH56, CH64		

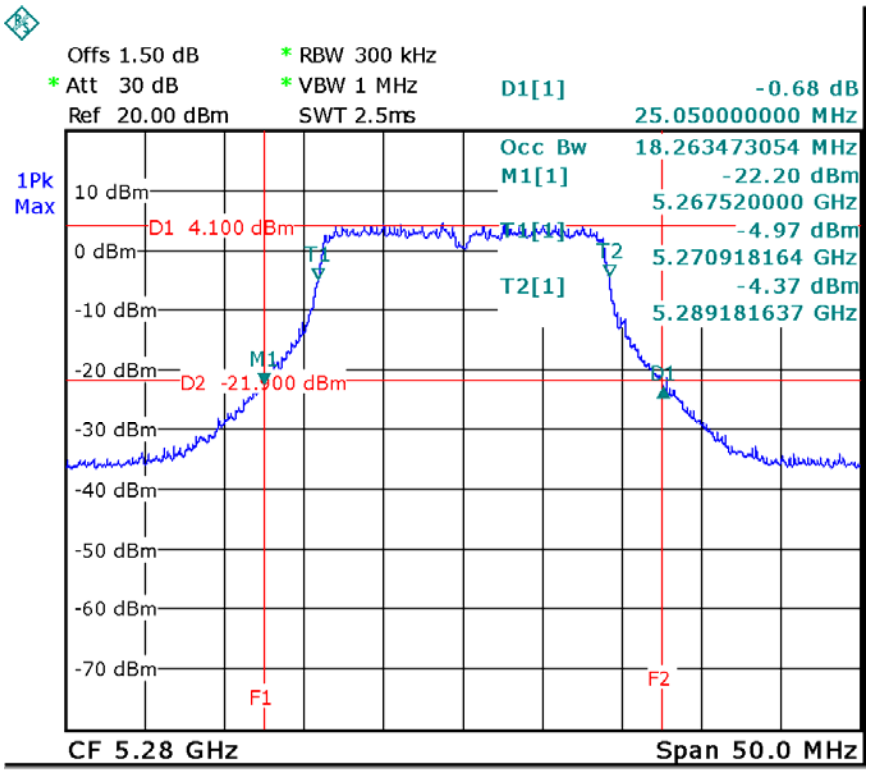
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.05	18.36
CH56	5280	25.05	18.26
CH64	5320	25.25	18.26

CH52



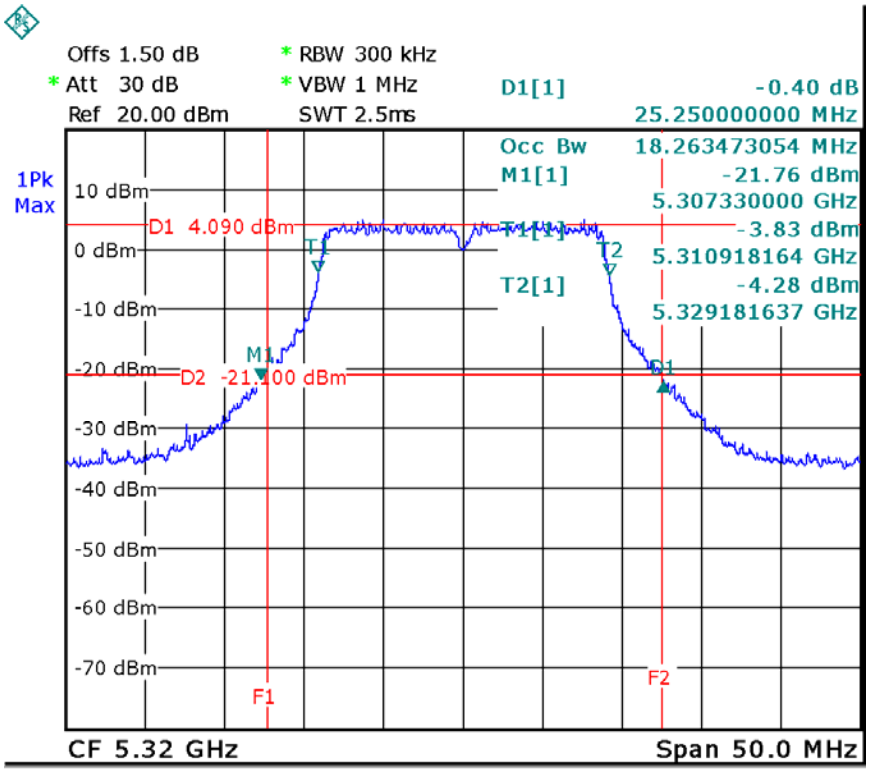
Date: 19.SEP.2012 16:20:39

CH56



Date: 19.SEP.2012 17:43:14

CH64

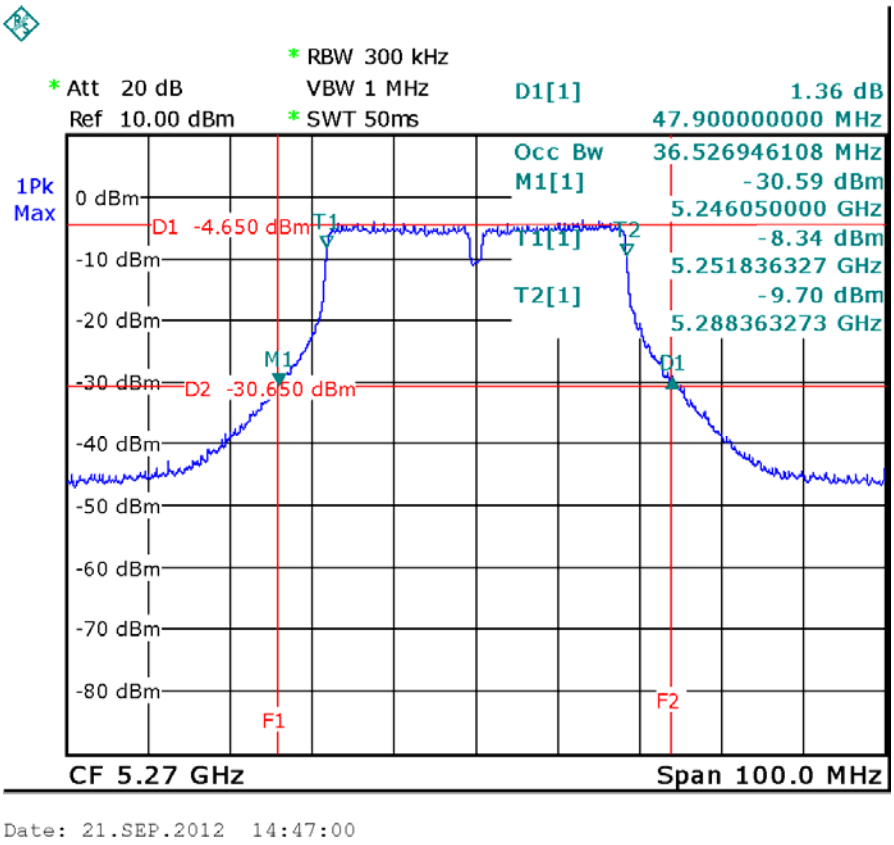


Date: 19.SEP.2012 17:45:42

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N40 Mode /CH54, CH62		

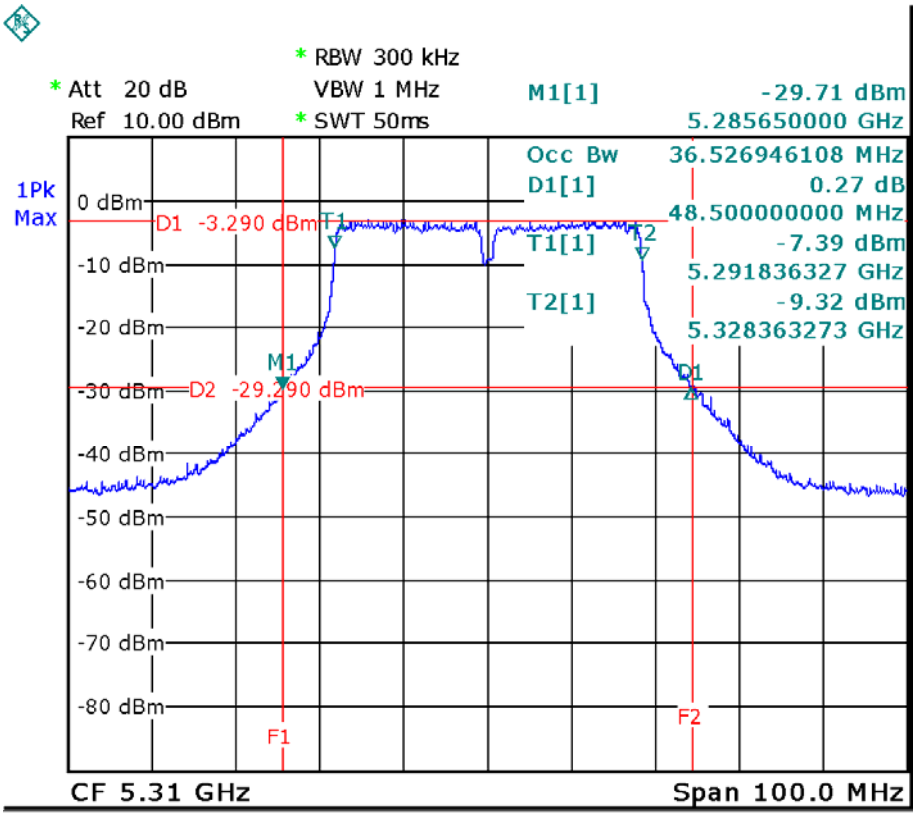
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	47.90	36.53
CH62	5310	48.50	36.53

CH54



Date: 21.SEP.2012 14:47:00

CH62

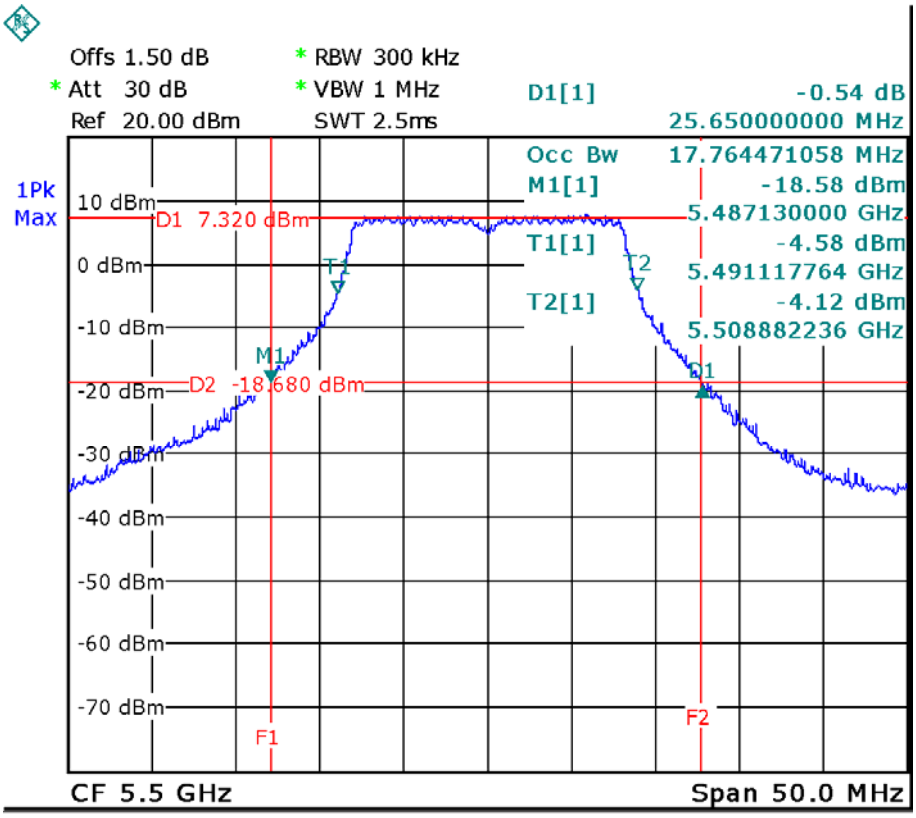


Date: 21.SEP.2012 14:51:07

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX A Mode /CH100, CH116, CH140		

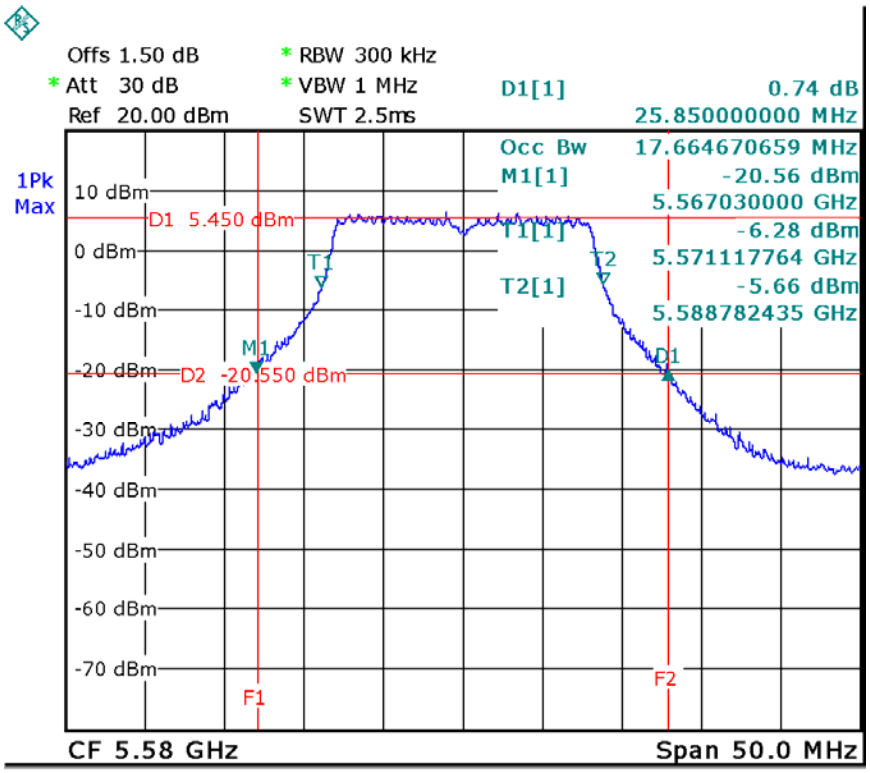
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	25.65	17.76
CH116	5580	25.85	17.66
CH140	5700	25.65	17.76

CH100



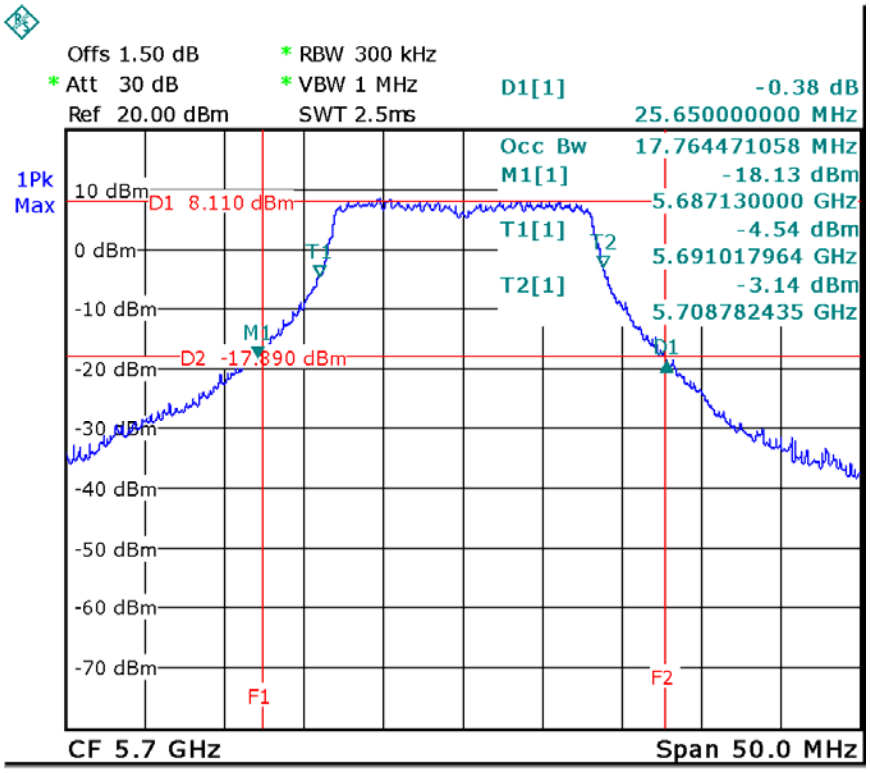
Date: 19.SEP.2012 15:31:22

CH116



Date: 19.SEP.2012 15:39:45

CH140

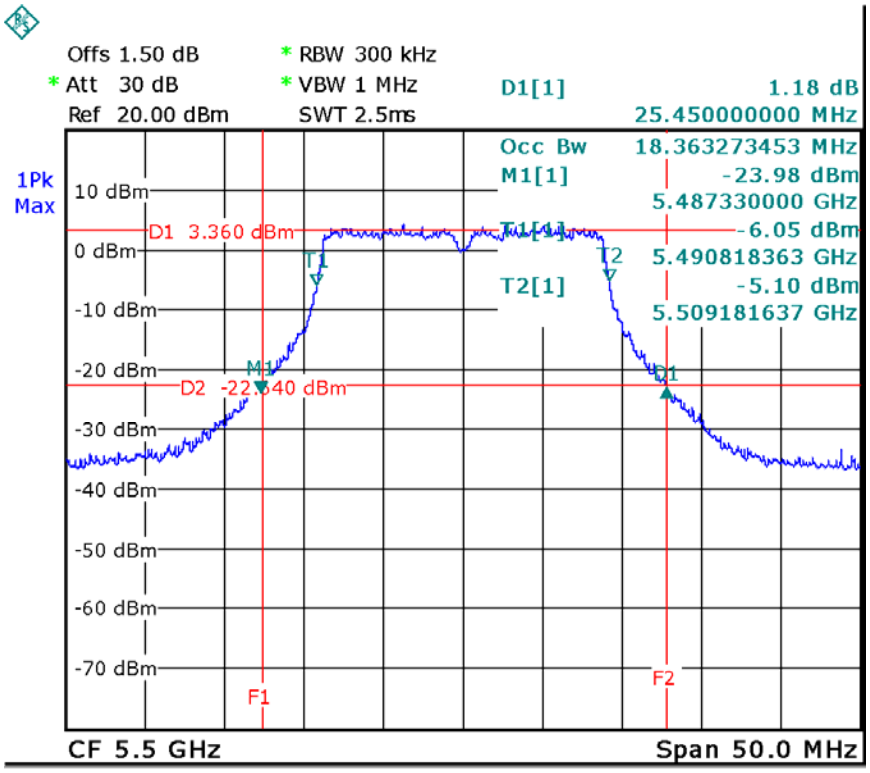


Date: 19.SEP.2012 15:34:32

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX N20 Mode /CH100, CH116, CH140		

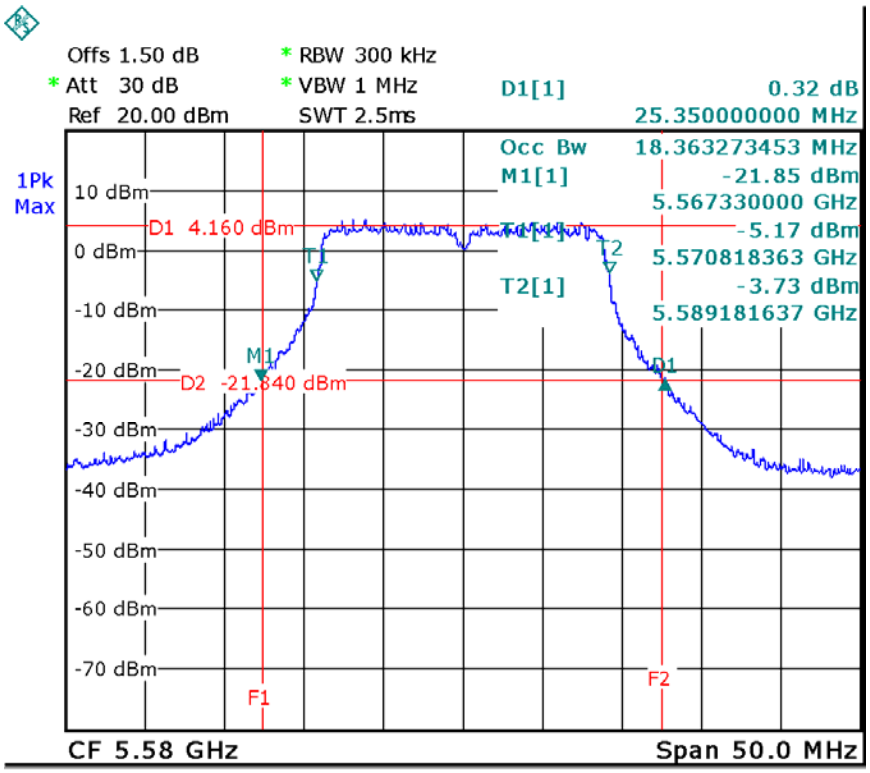
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	25.45	18.36
CH116	5580	25.35	18.36
CH140	5700	25.85	18.26

CH100



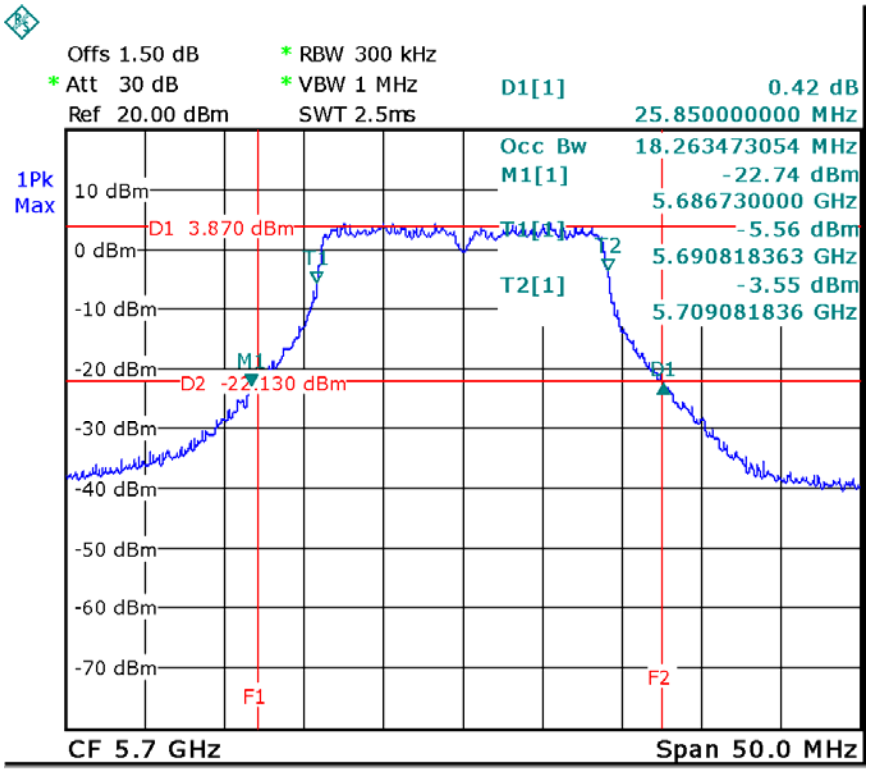
Date: 19.SEP.2012 17:47:59

CH116



Date: 19.SEP.2012 17:51:19

CH140

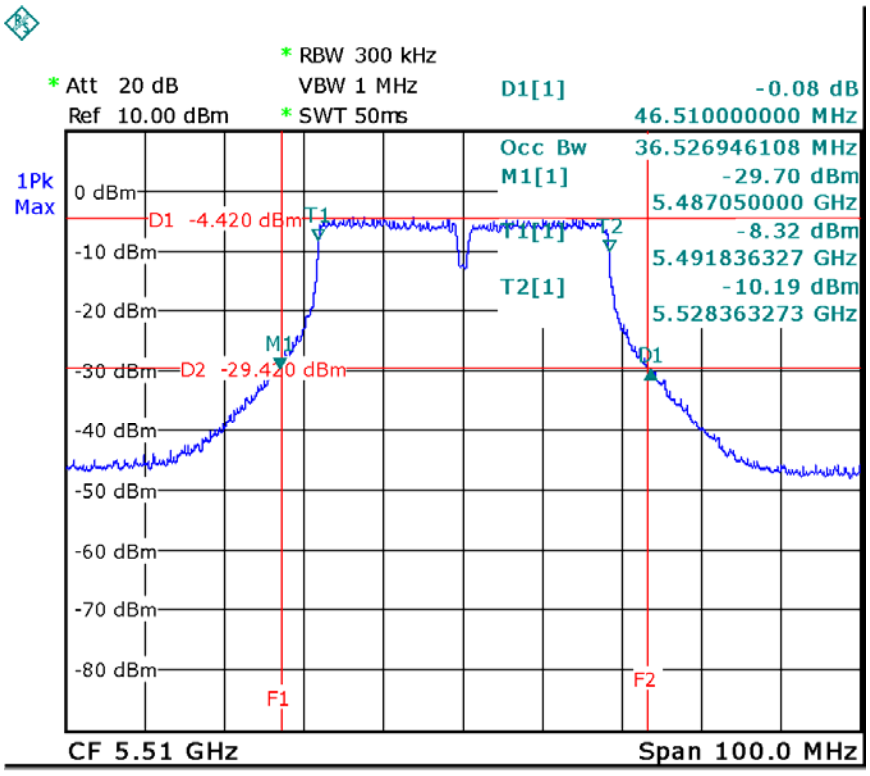


Date: 19.SEP.2012 17:54:33

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX N40 Mode /CH52, CH56, CH64		

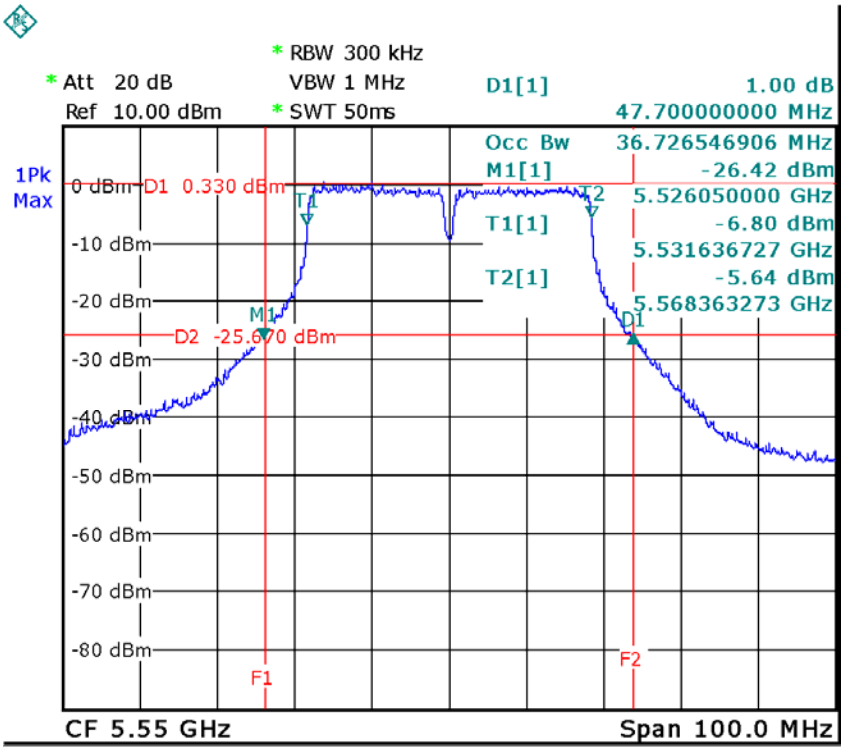
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	46.51	36.53
CH110	5550	47.70	36.73
CH134	5670	48.30	36.53

CH102



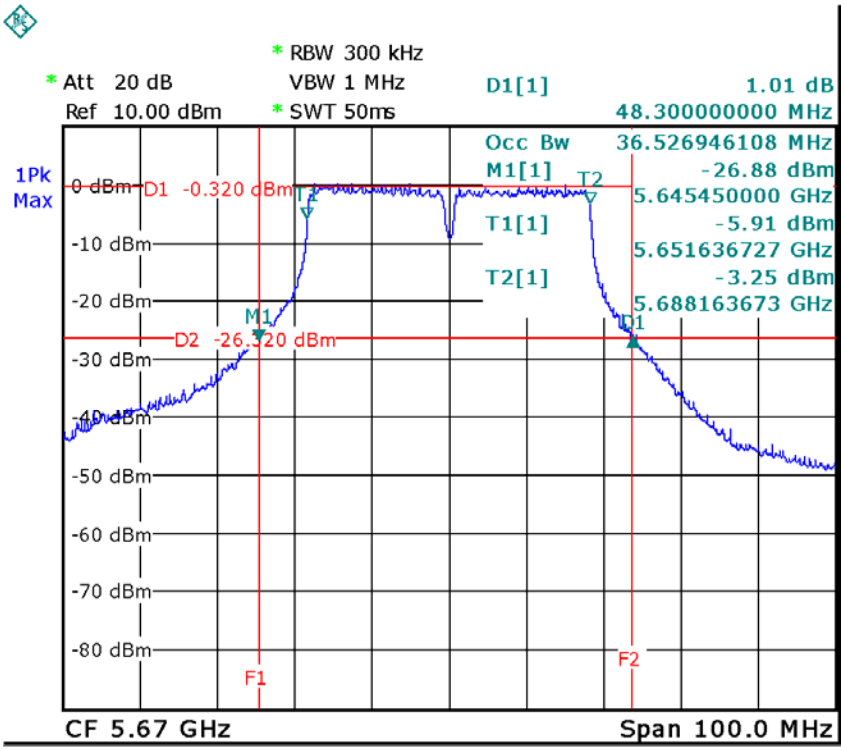
Date: 21.SEP.2012 14:53:57

CH110



Date: 21.SEP.2012 15:00:41

CH134



Date: 21.SEP.2012 15:06:58

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Frequency Range (MHz)	Limit	Result
Peak Output Power	5150 - 5250	not exceed the lesser of 50 mW (17dBm) or 4 dBm + 10log B,	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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2011	Nov.26.2012

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

6.1.2 TEST PROCEDURE

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

b.

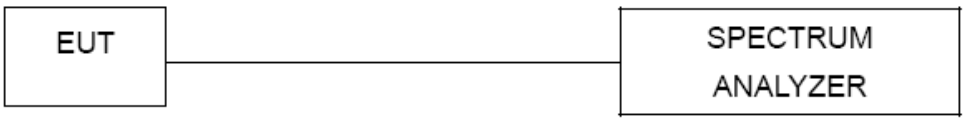
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz.
VBW	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP



6.1.5 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.

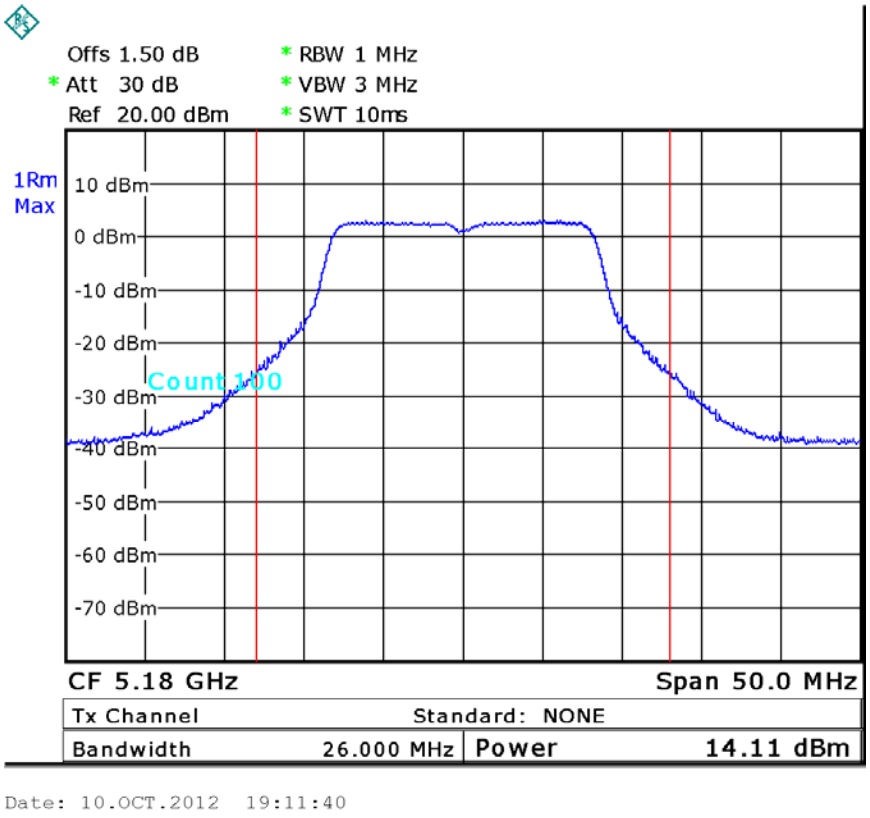
6.1.6 TEST RESULTS

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48 - For 1TX		

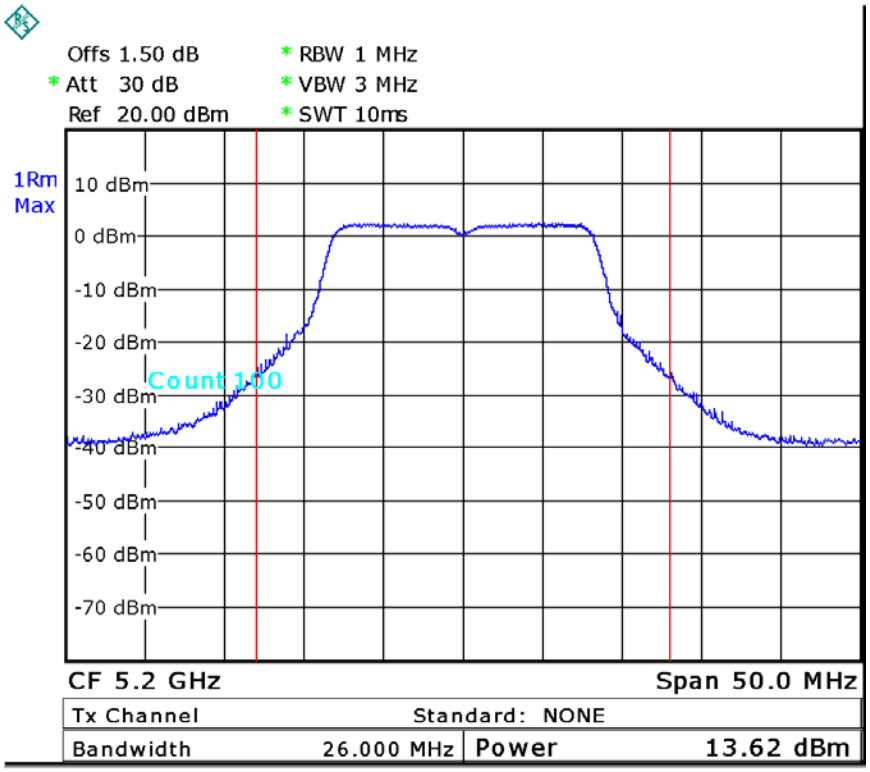
Peak Output Power

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	14.11	17.00	0.0501
CH40	5200	13.62	17.00	0.0501
CH48	5240	13.87	17.00	0.0501

CH36-ANT 2

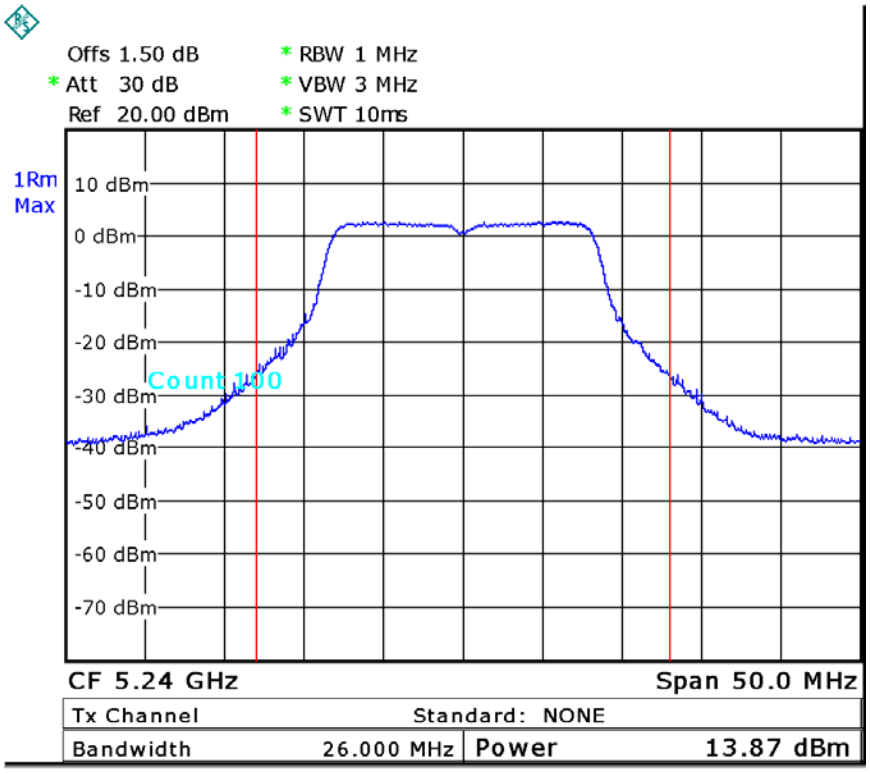


CH40-ANT 2



Date: 10.OCT.2012 19:13:31

CH48-ANT 2

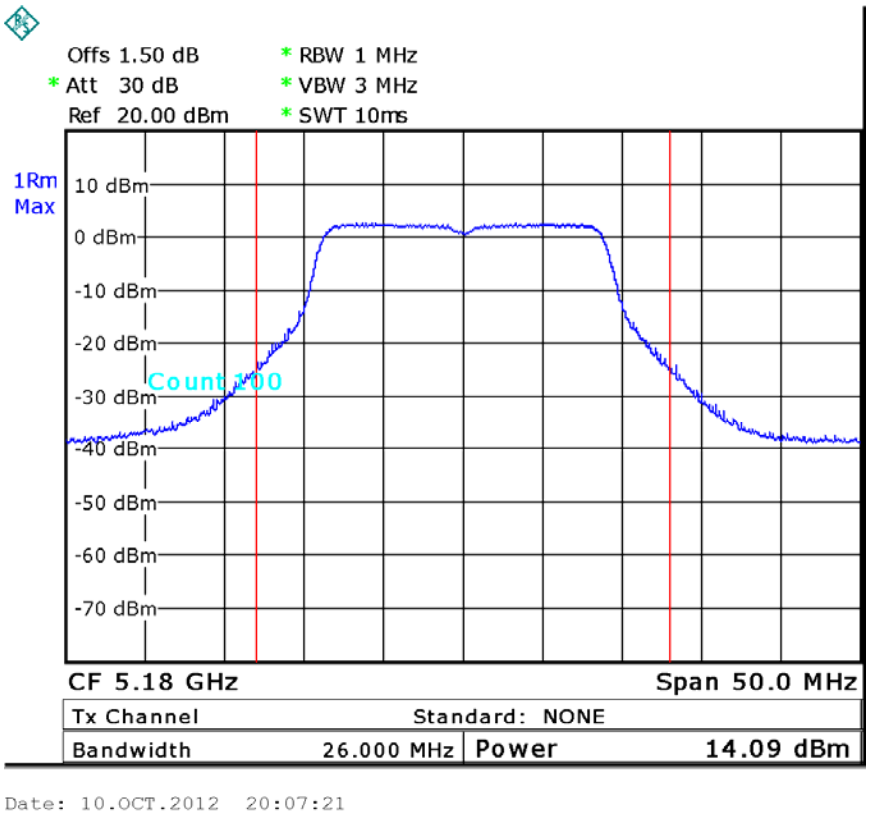


Date: 10.OCT.2012 19:15:20

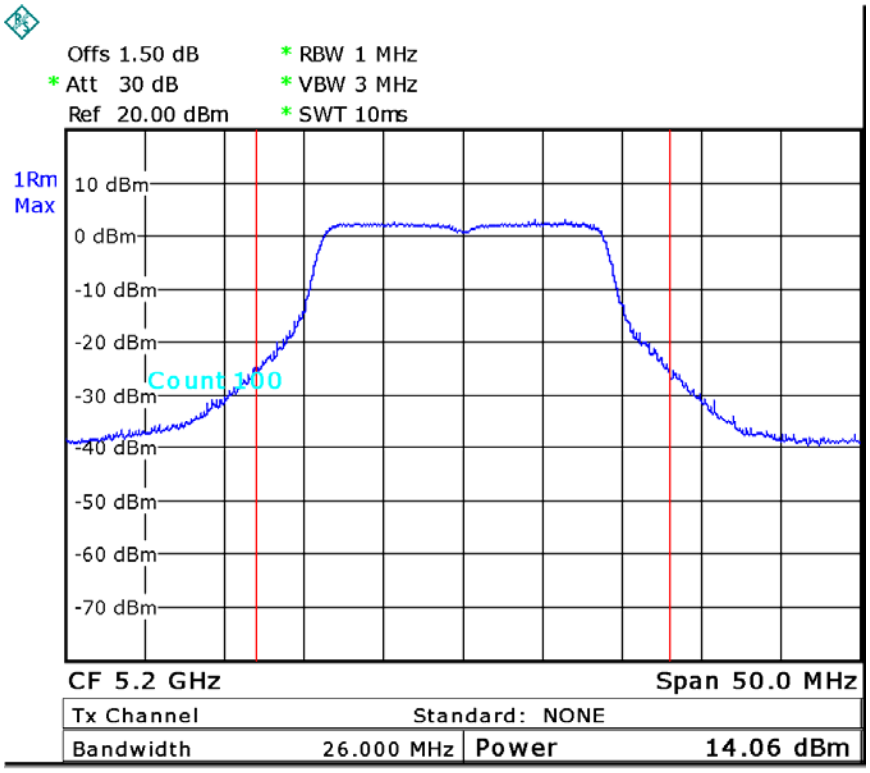
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48 - For 1TX		

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	14.09	17.00	0.0501
CH40	5200	14.06	17.00	0.0501
CH48	5240	13.90	17.00	0.0501

CH36-ANT 2

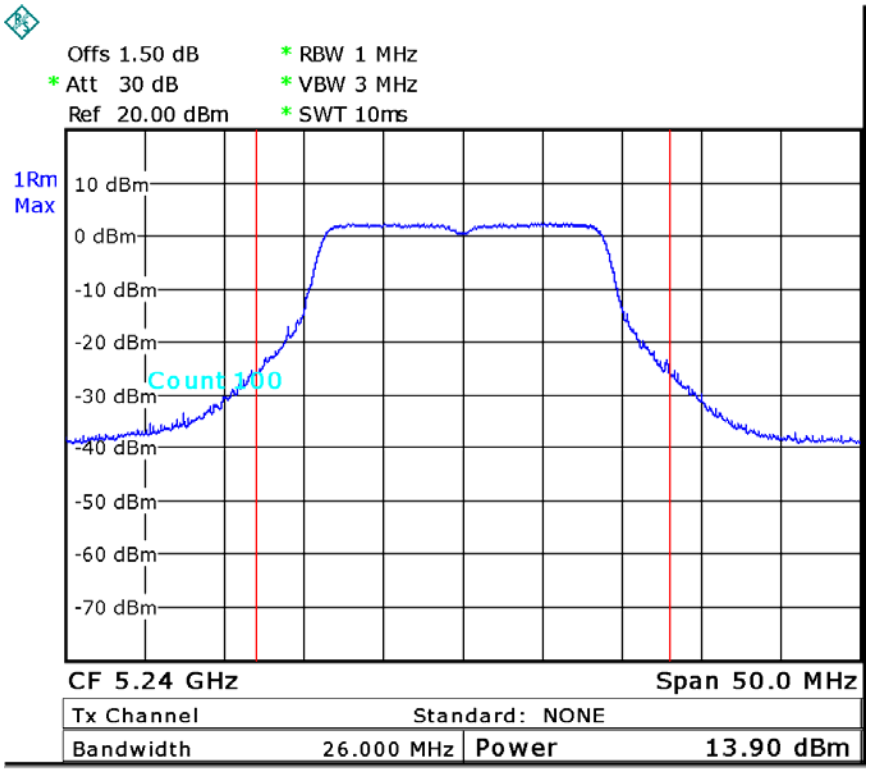


CH40-ANT 2



Date: 10.OCT.2012 20:09:33

CH48-ANT 2

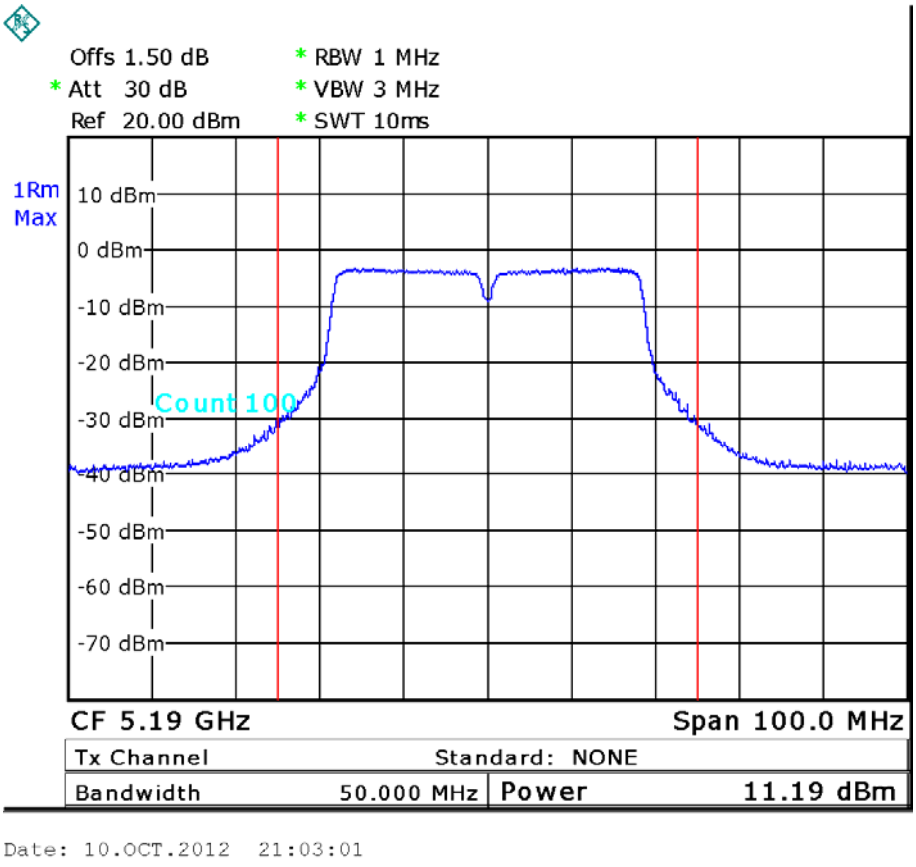


Date: 10.OCT.2012 20:20:18

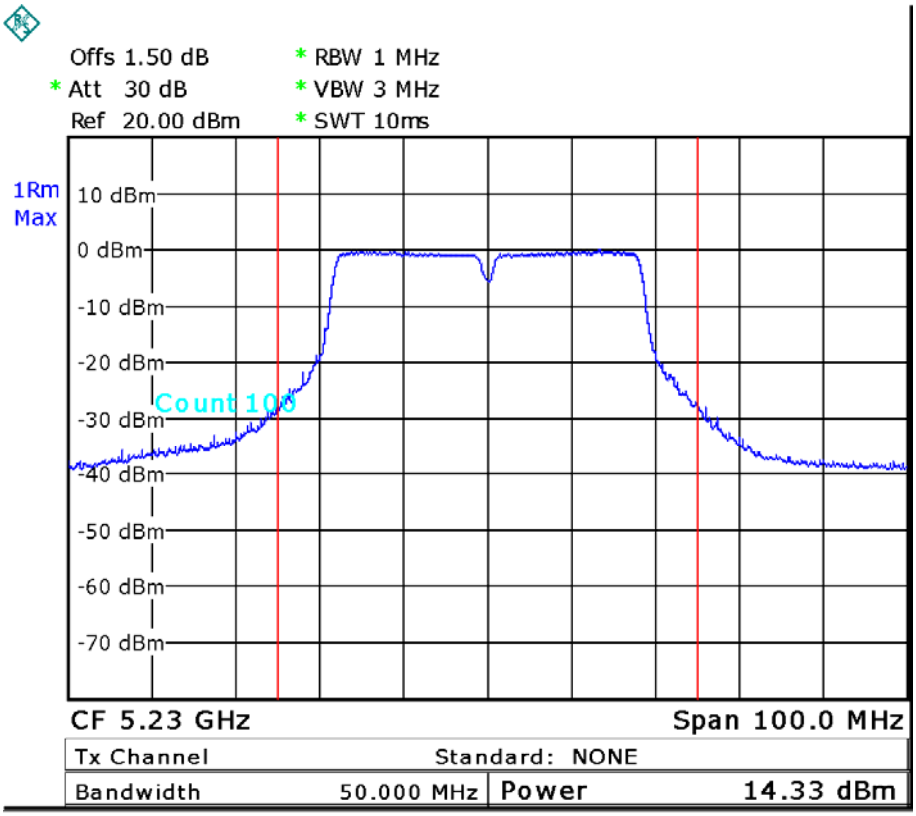
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX N40 Mode/CH36, CH40, CH48 - For 1TX		

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	11.19	17.00	0.0501
CH46	4230	14.33	17.00	0.0501

CH38-ANT 2



CH46-ANT 2



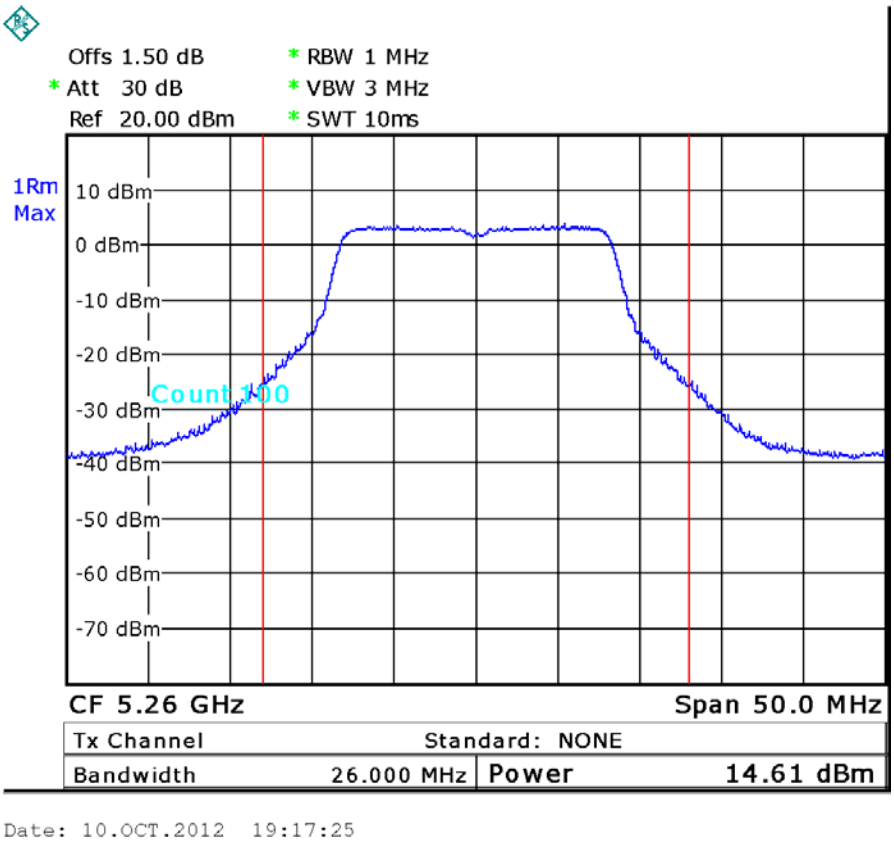
Date: 10.OCT.2012 20:59:14

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64 - For 1TX		

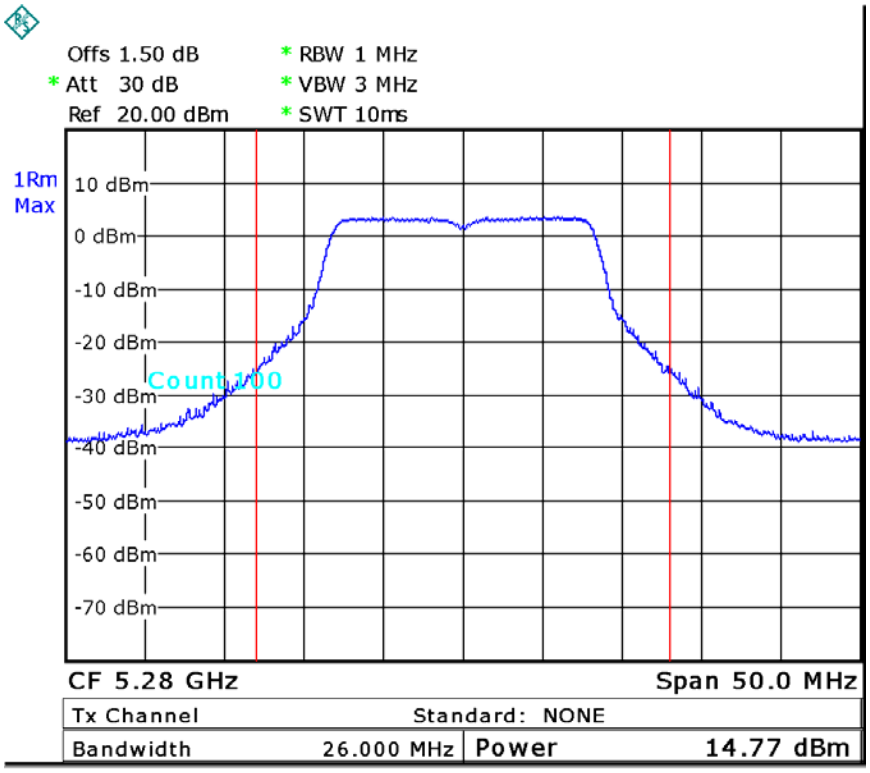
Peak Output Power

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	14.61	24	0.251
CH56	5280	14.77	24	0.251
CH64	5320	15.50	24	0.251

CH52-ANT 2

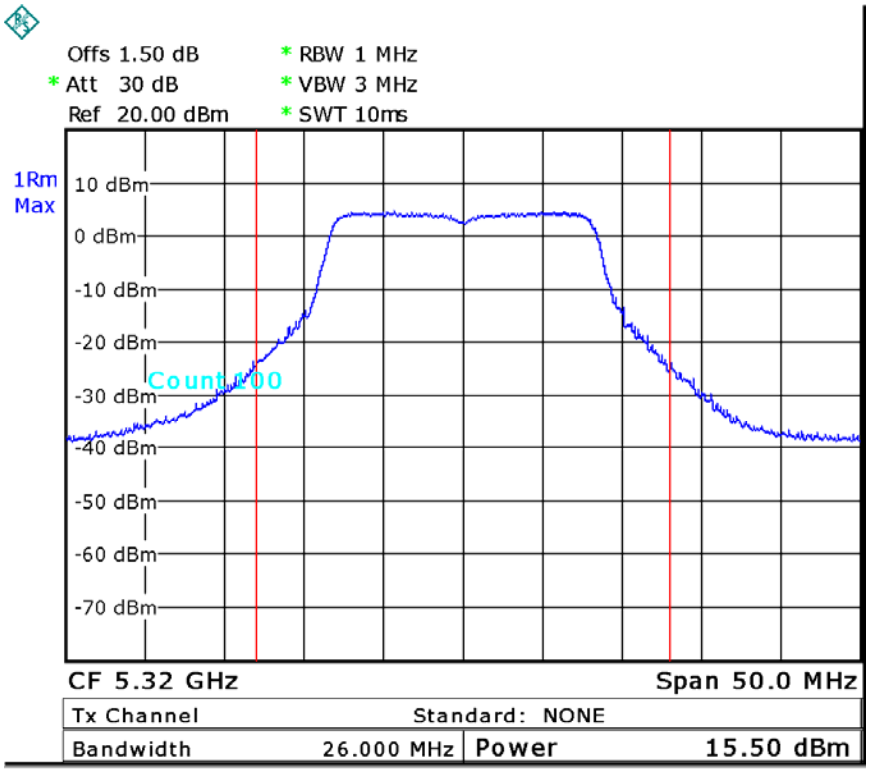


CH56-ANT 2



Date: 10.OCT.2012 19:18:55

CH64-ANT 2

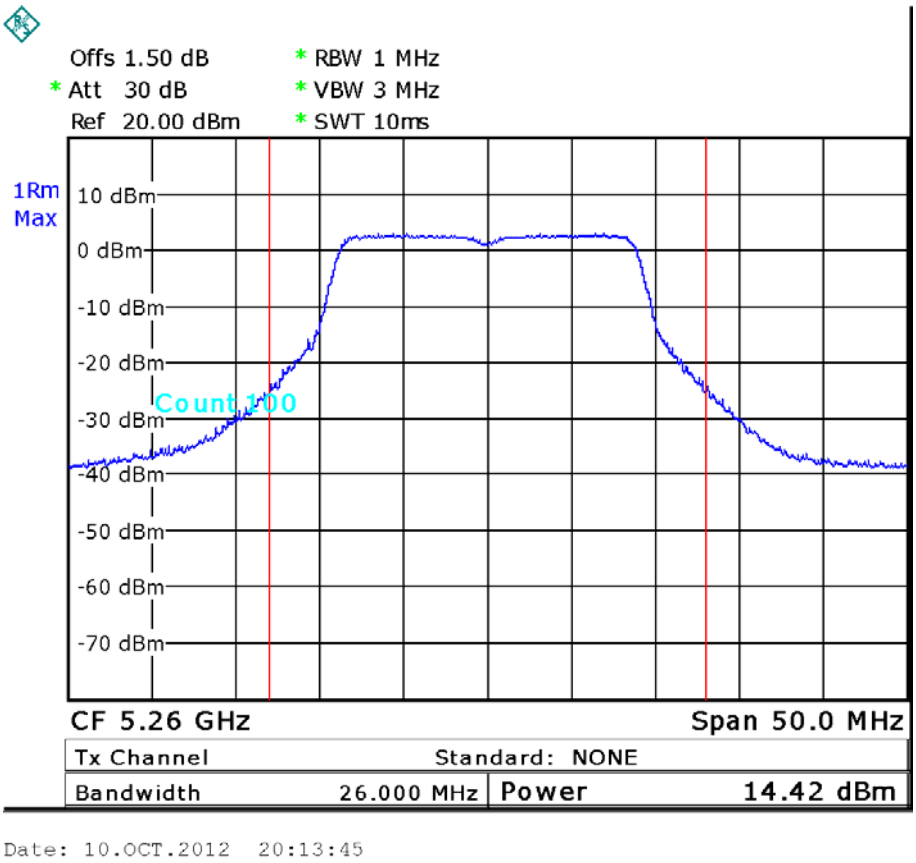


Date: 10.OCT.2012 19:20:06

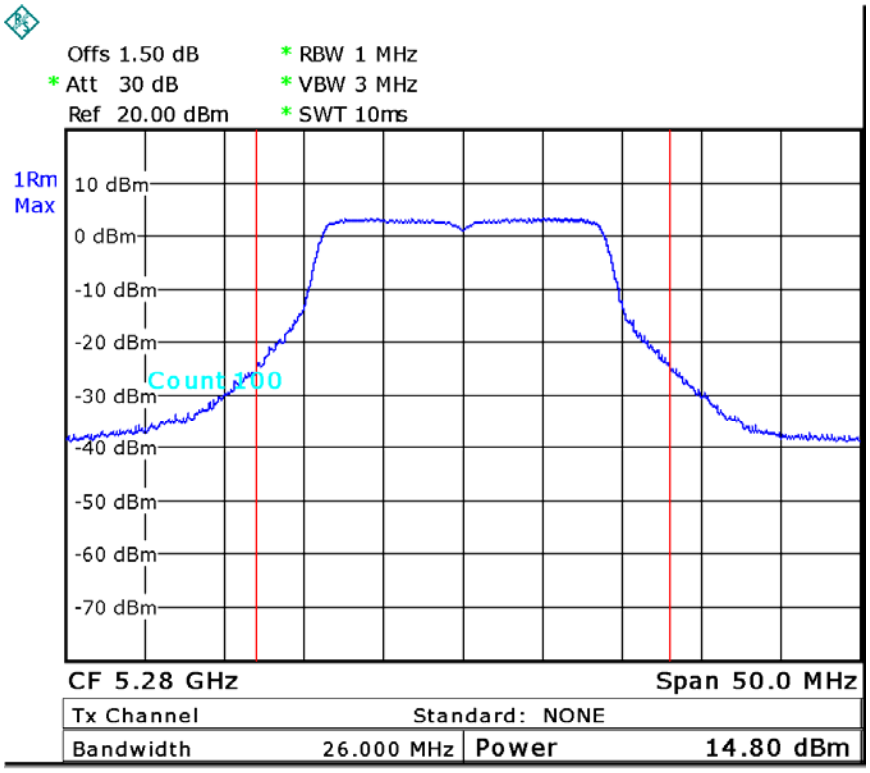
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64 - For 1TX		

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	14.42	24	0.251
CH56	5280	14.80	24	0.251
CH64	5320	15.69	24	0.251

CH52-ANT 2

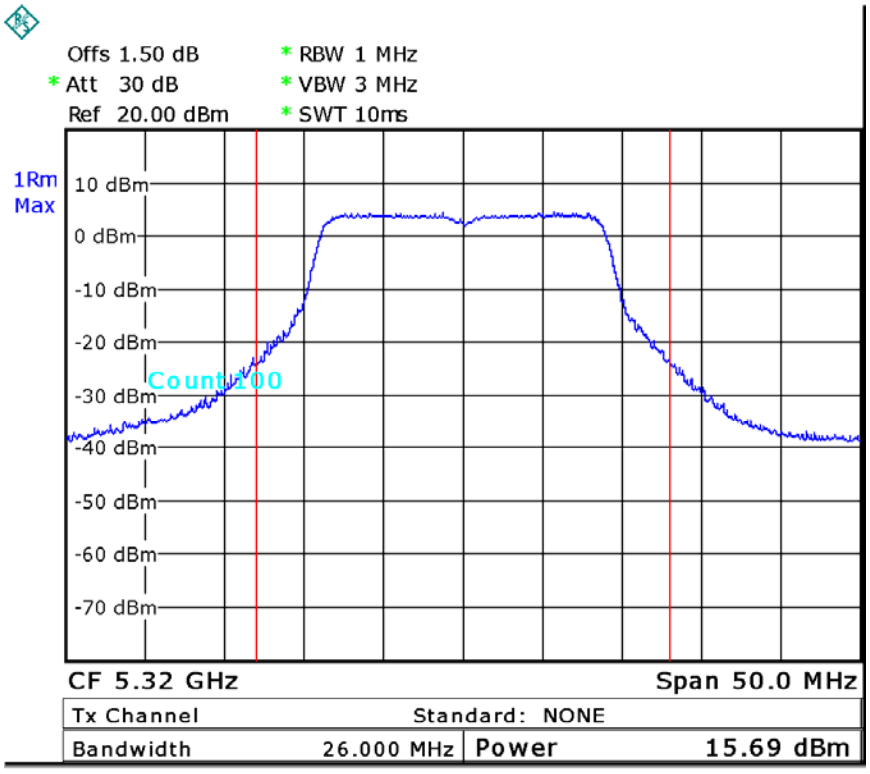


CH56-ANT 2



Date: 10.OCT.2012 20:25:09

CH64-ANT 2

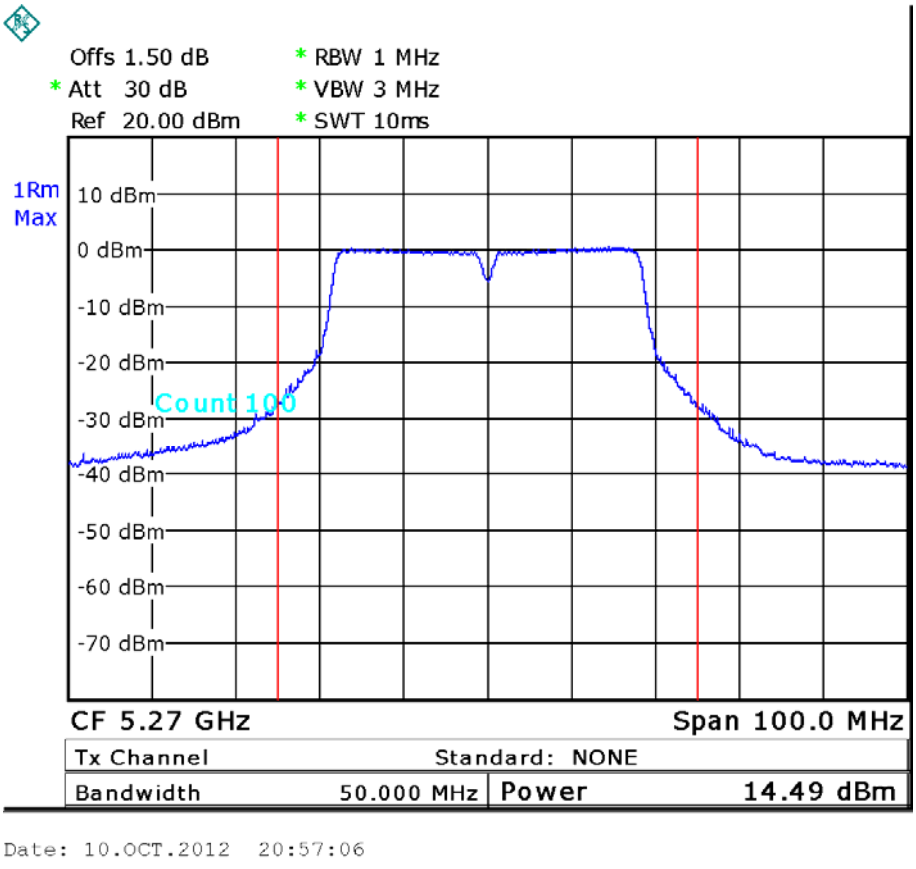


Date: 10.OCT.2012 20:27:15

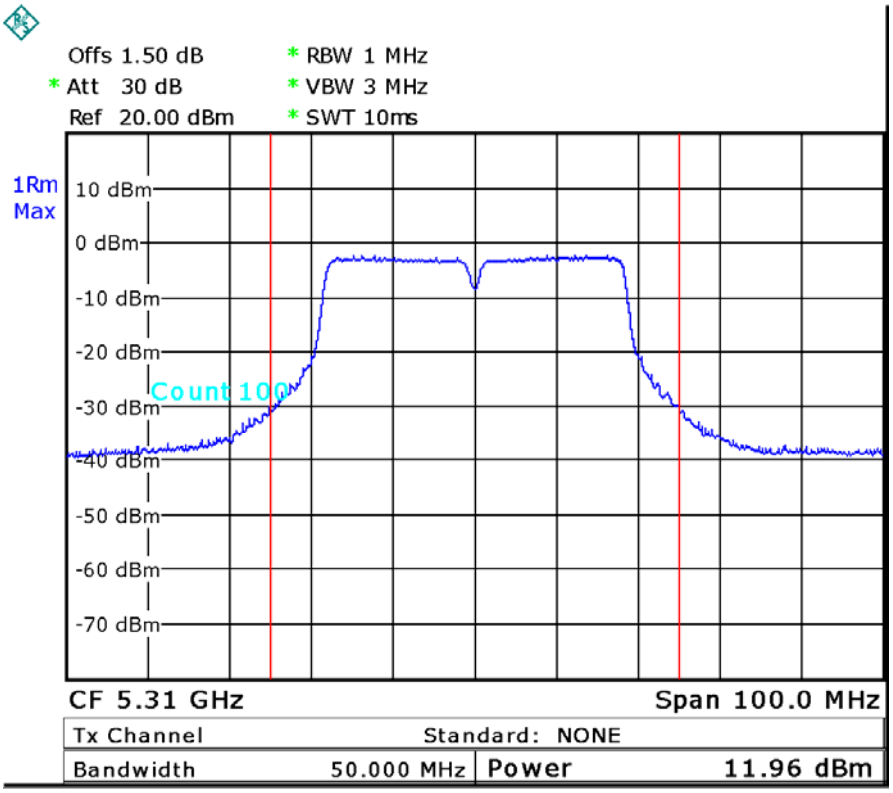
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62 - For 1TX		

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	14.49	24	0.251
CH62	5310	11.96	24	0.251

CH54-ANT 2



CH62-ANT 2



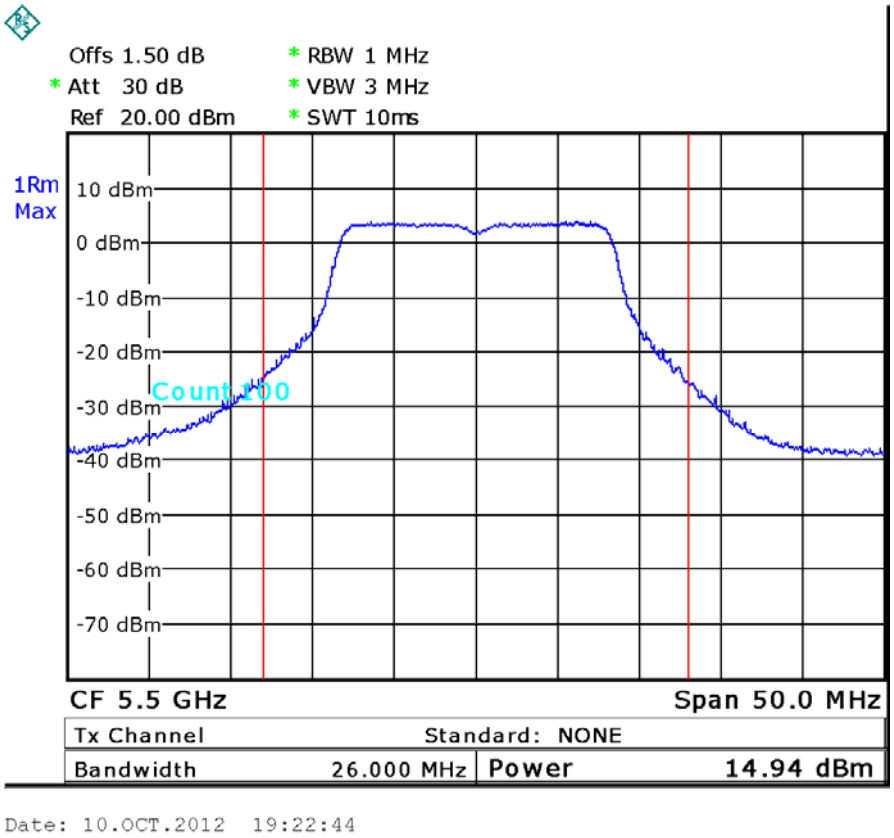
Date: 10.OCT.2012 20:52:17

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX A Mode/CH100, CH116, CH140 - For 1TX		

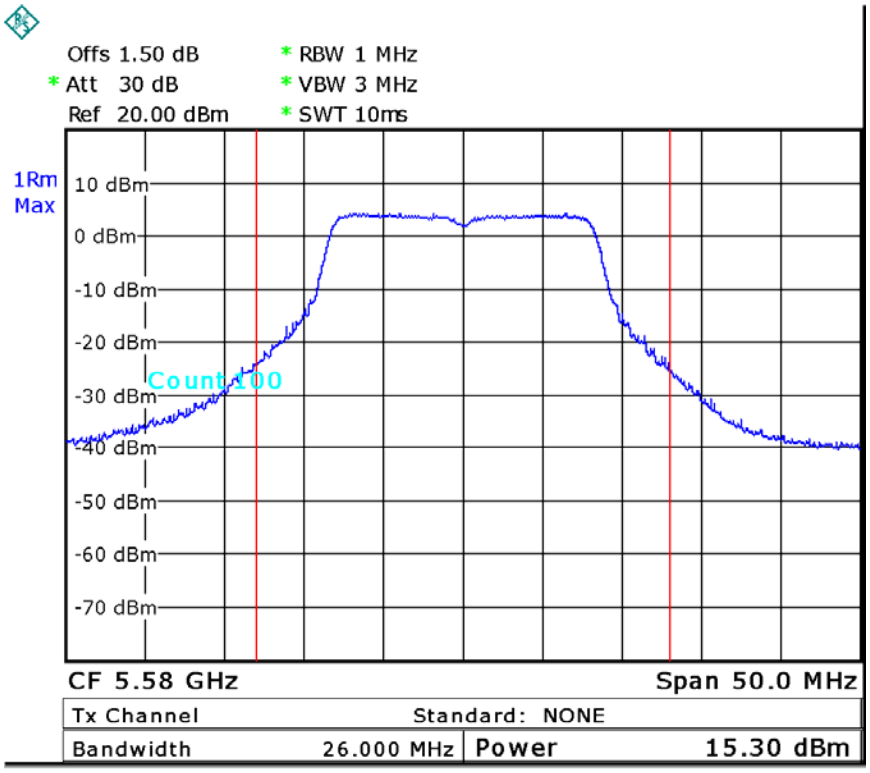
Peak Output Power

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH100	5500	14.94	24	0.251
CH116	5580	15.30	24	0.251
CH140	5700	14.71	24	0.251

CH100-ANT 2

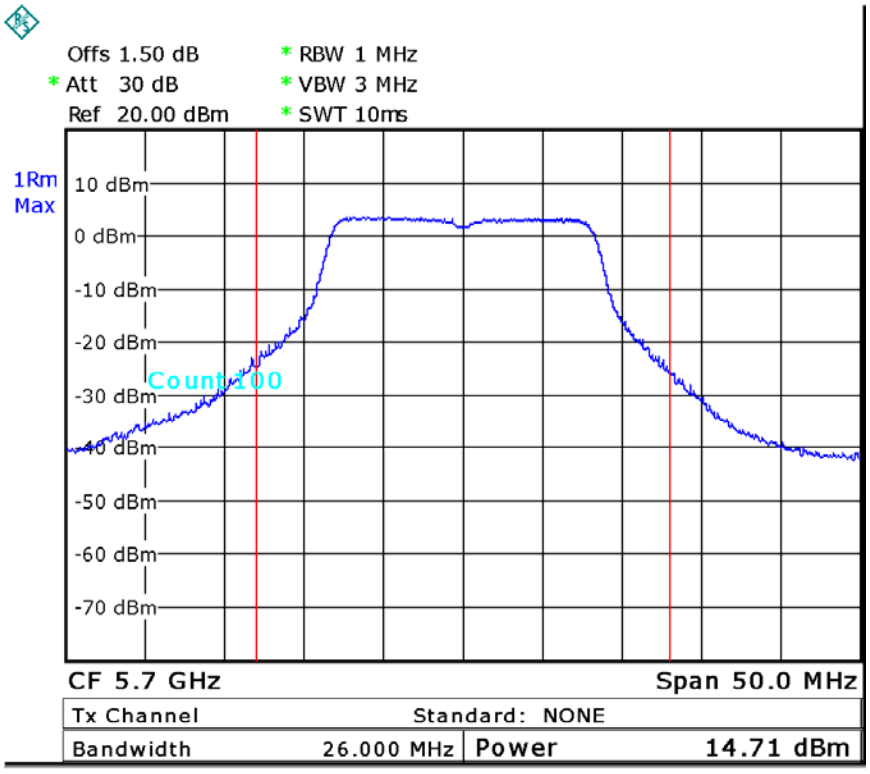


CH116-ANT 2



Date: 10.OCT.2012 19:24:16

CH140-ANT 2



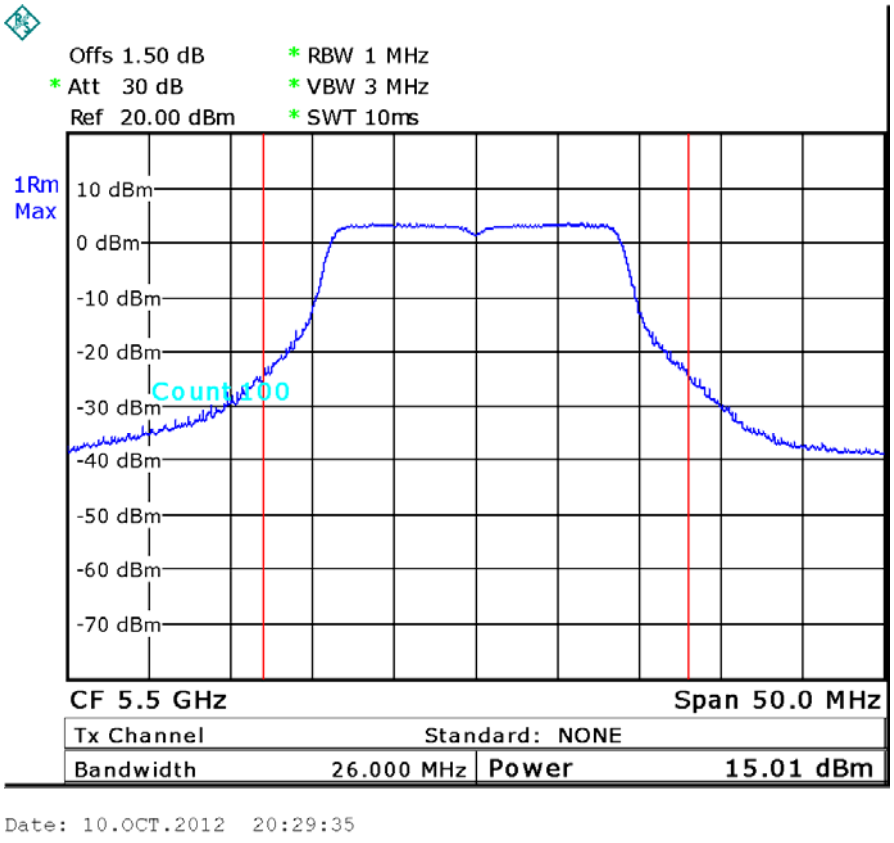
Date: 10.OCT.2012 19:26:36

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX N20 Mode/CH100, CH116, CH140 - For 1TX		

Peak Output Power

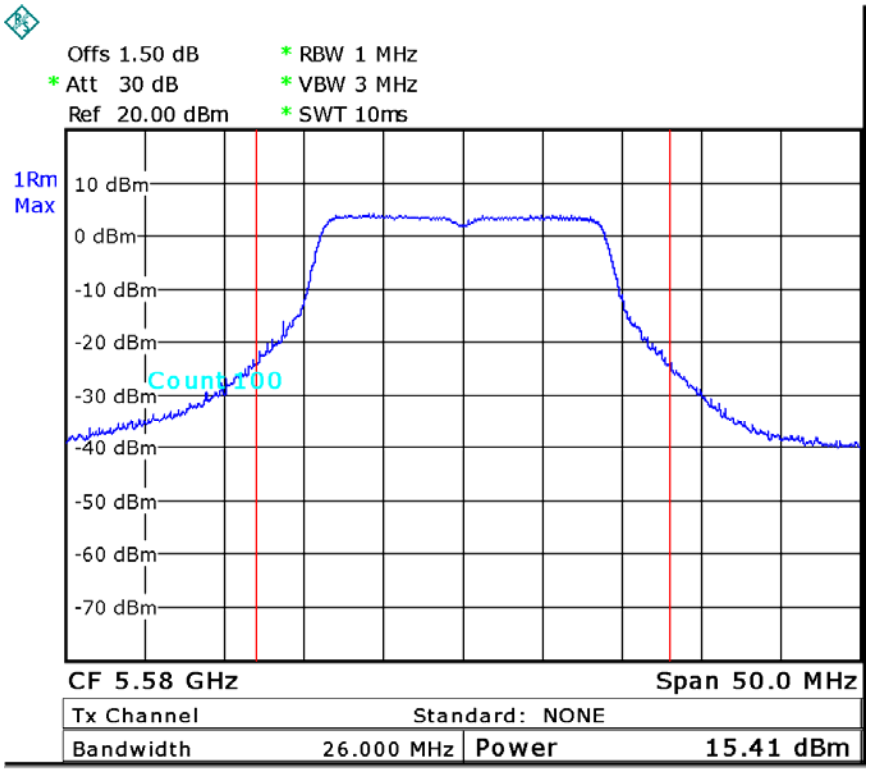
ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH100	5500	15.01	24	0.251
CH116	5580	15.41	24	0.251
CH140	5700	14.82	24	0.251

CH100-ANT 2



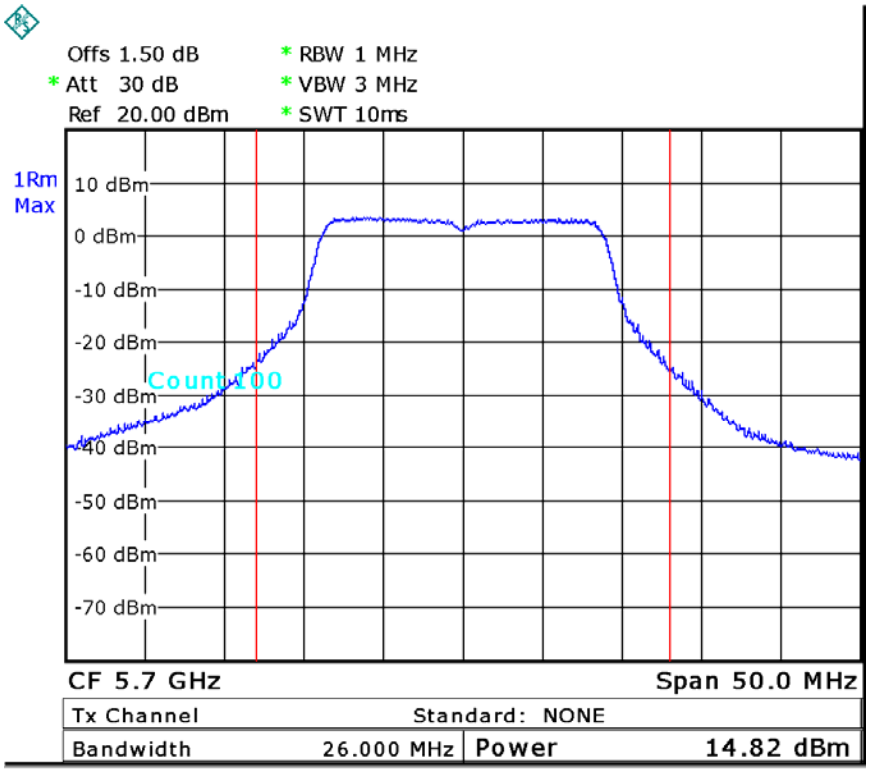
Date: 10.OCT.2012 20:29:35

CH116-ANT 2



Date: 10.OCT.2012 20:32:08

CH140-ANT 2

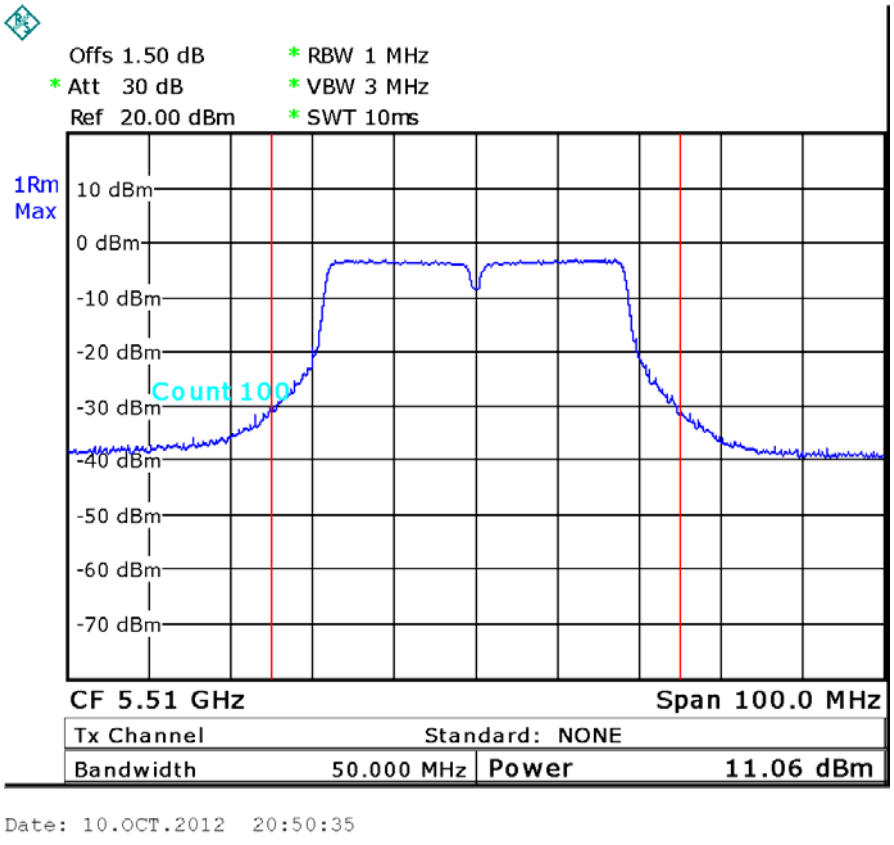


Date: 10.OCT.2012 20:35:40

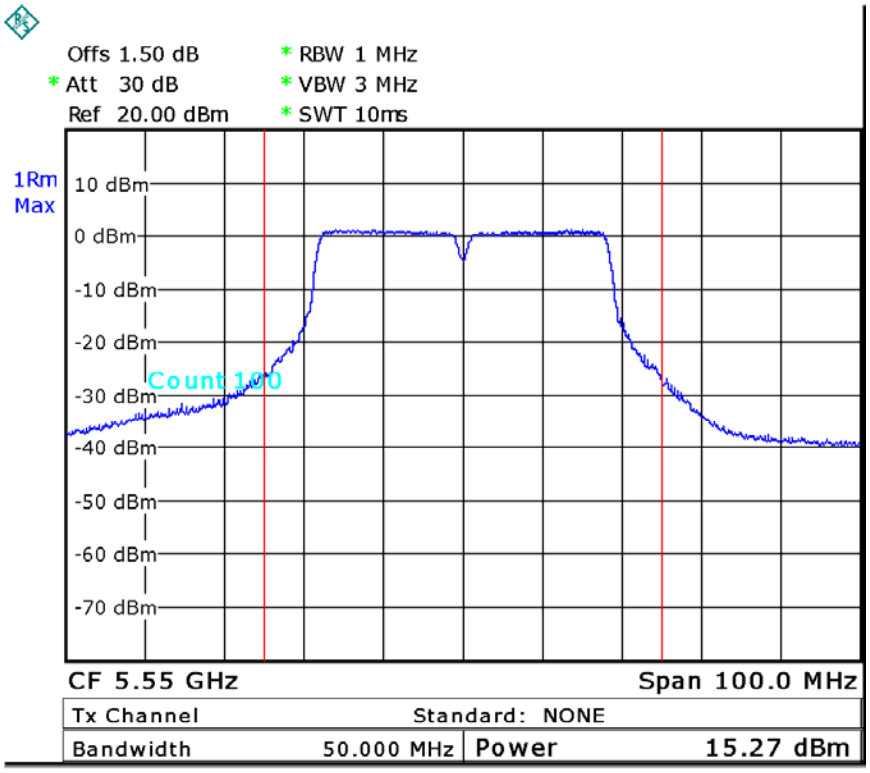
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX N40 Mode/CH102, CH110,CH134 - For 1TX		

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH102	5510	11.06	24	0.251
CH110	5550	15.27	24	0.251
CH134	5670	14.69	24	0.251

CH102-ANT 2

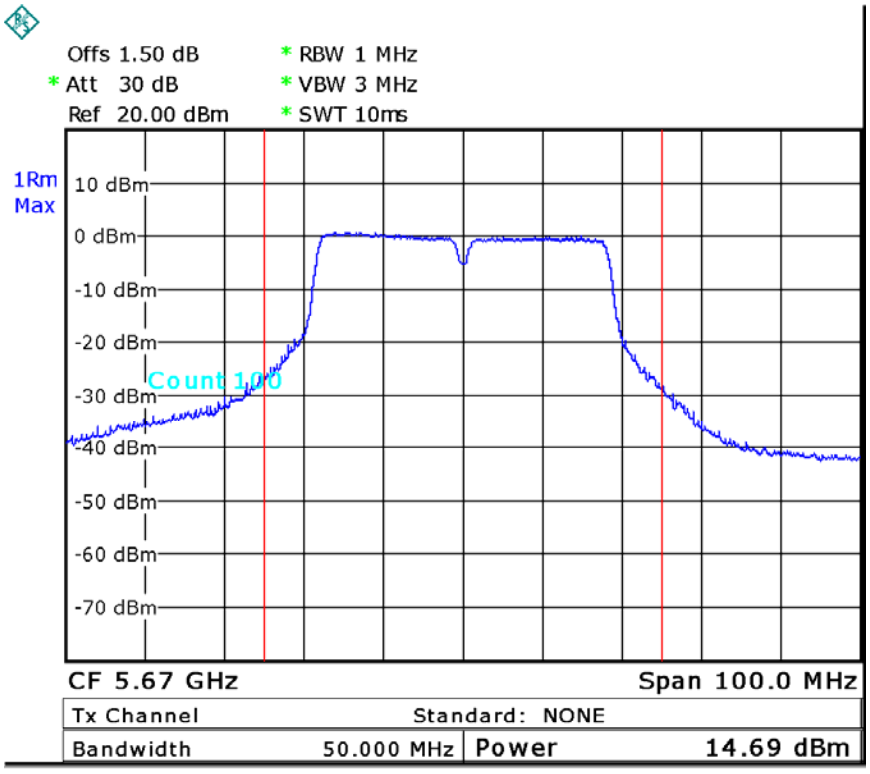


CH110-ANT 2



Date: 10.OCT.2012 20:44:36

CH134-ANT 2



Date: 10.OCT.2012 20:46:10

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48 - For 2TX		

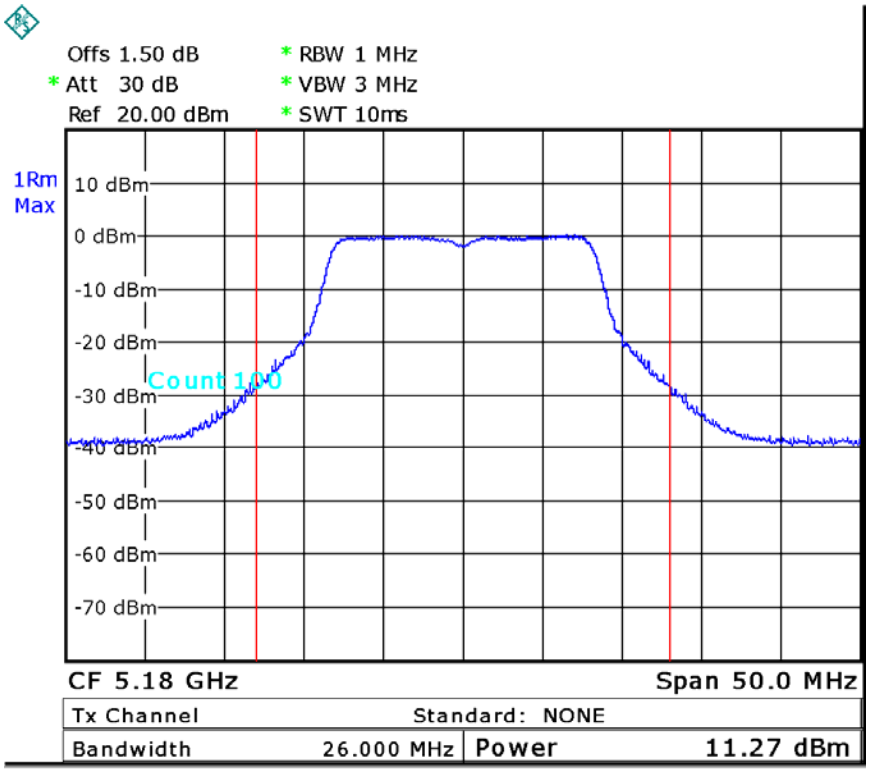
Peak Output Power

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	11.27	17.00	0.0501
CH40	5200	11.13	17.00	0.0501
CH48	5240	10.67	17.00	0.0501

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	11.13	17.00	0.0501
CH40	5200	11.03	17.00	0.0501
CH48	5240	10.45	17.00	0.0501

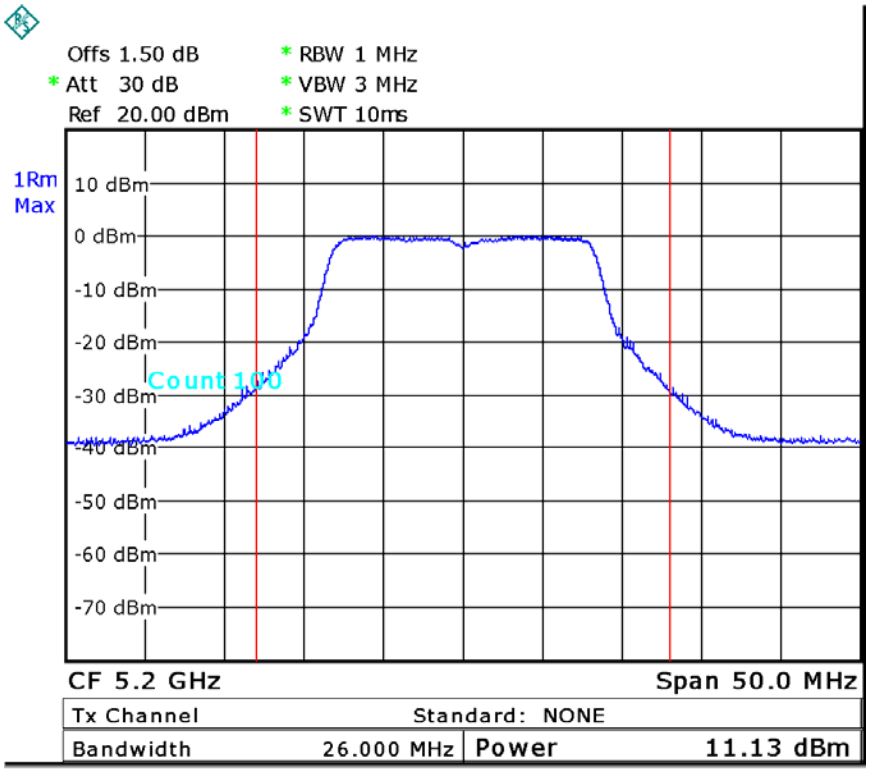
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	14.21	17.00	0.0501
CH40	5200	14.09	17.00	0.0501
CH48	5240	13.57	17.00	0.0501

CH36-ANT 1



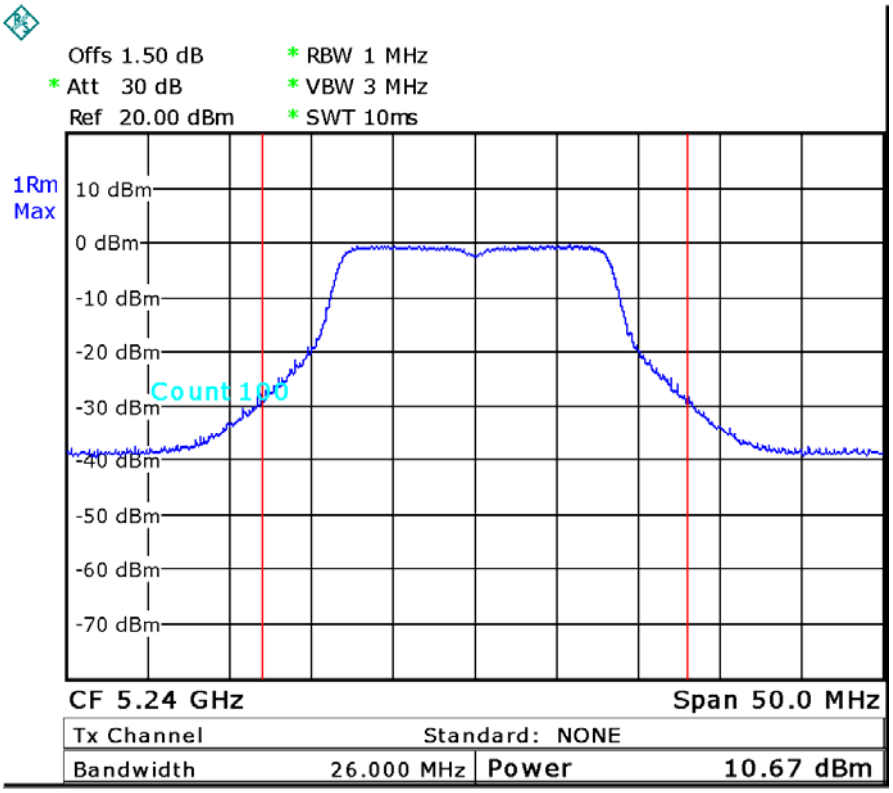
Date: 10.OCT.2012 20:00:27

CH40-ANT 1



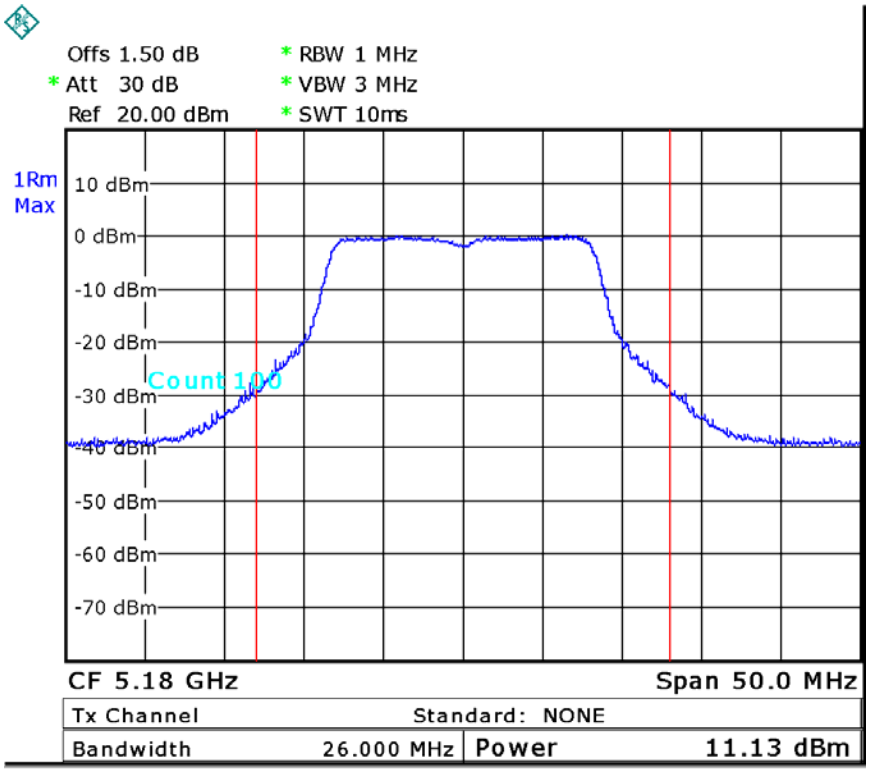
Date: 10.OCT.2012 19:57:21

CH48-ANT 1



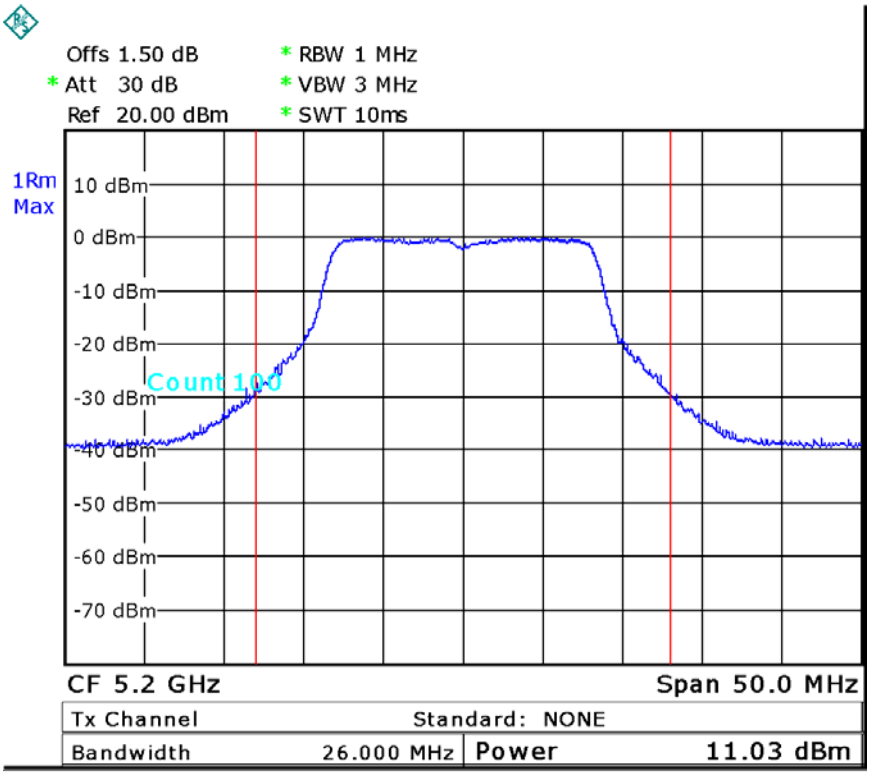
Date: 10.OCT.2012 19:51:12

CH36-ANT 2



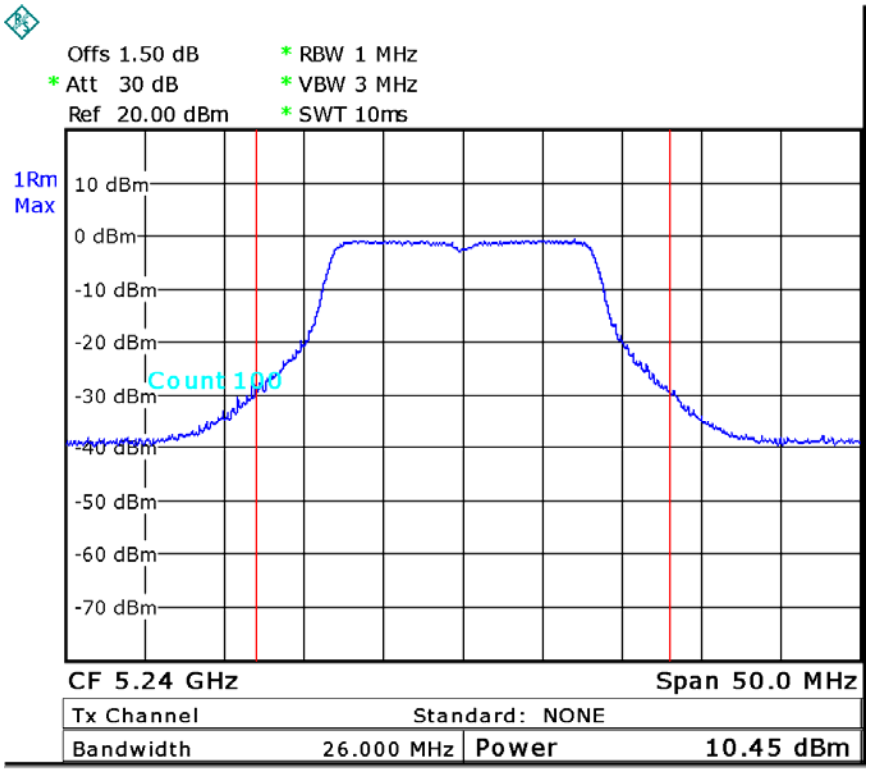
Date: 10.OCT.2012 20:00:19

CH40-ANT 2



Date: 10.OCT.2012 19:57:11

CH48-ANT 2



Date: 10.OCT.2012 19:50:56

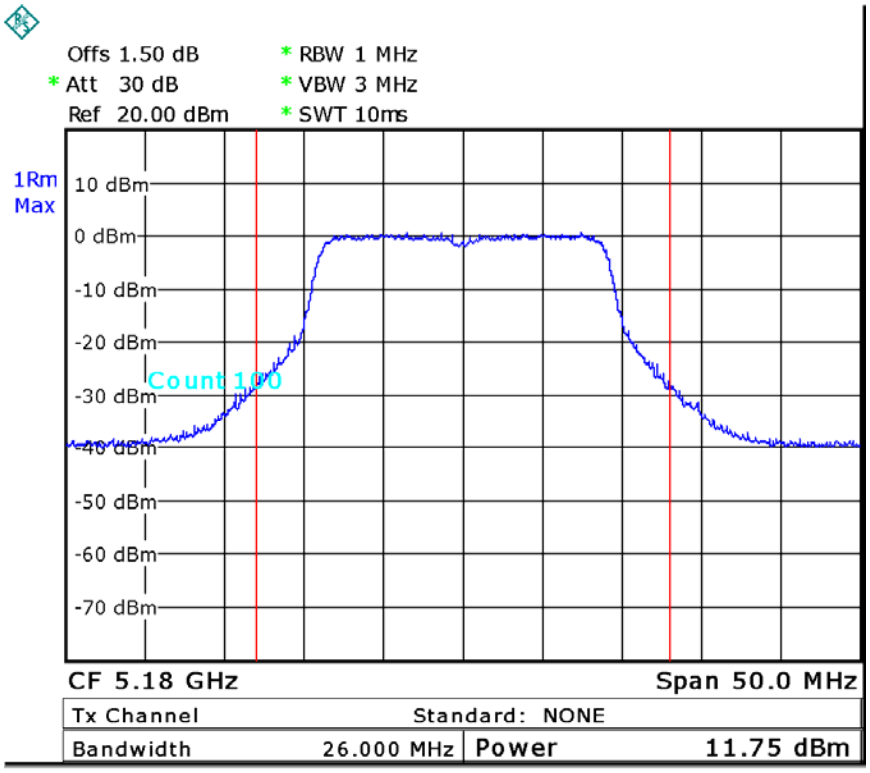
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48 - For 2TX		

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	11.75	17.00	0.0501
CH40	5200	11.65	17.00	0.0501
CH48	5240	11.73	17.00	0.0501

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	11.33	17.00	0.0501
CH40	5200	11.34	17.00	0.0501
CH48	5240	11.75	17.00	0.0501

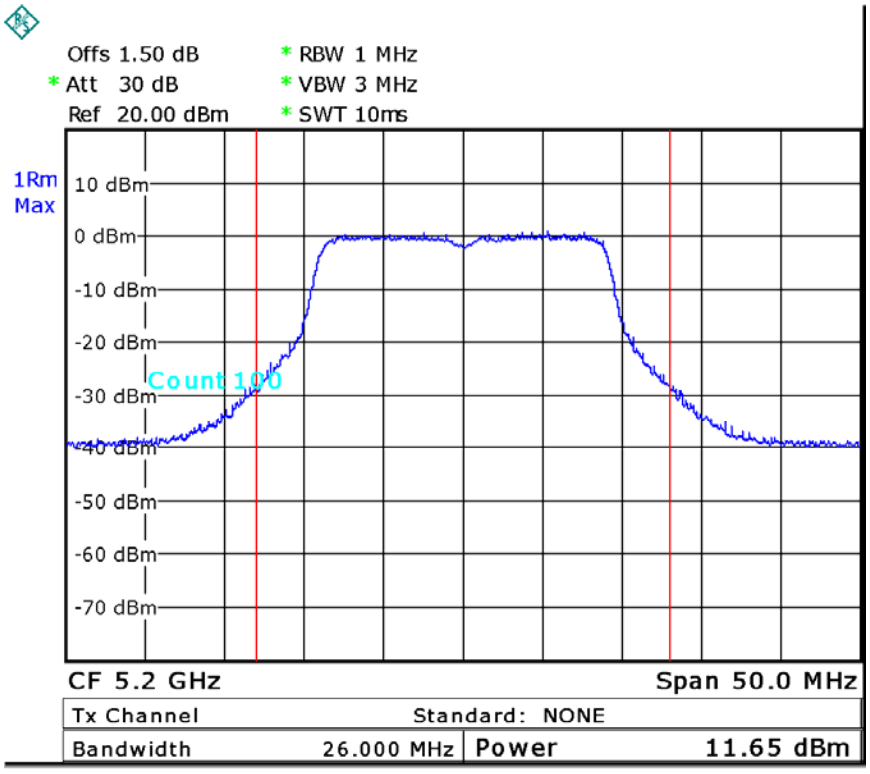
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	14.56	17.00	0.0501
CH40	5200	14.51	17.00	0.0501
CH48	5240	14.75	17.00	0.0501

CH36-ANT 1



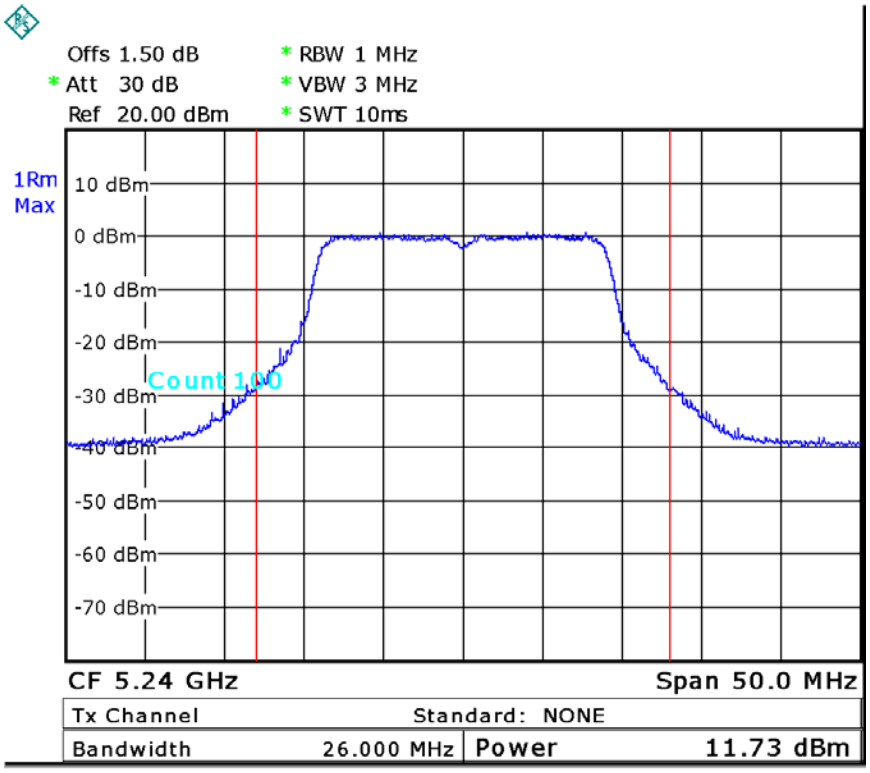
Date: 19.SEP.2012 18:12:59

CH40-ANT 1



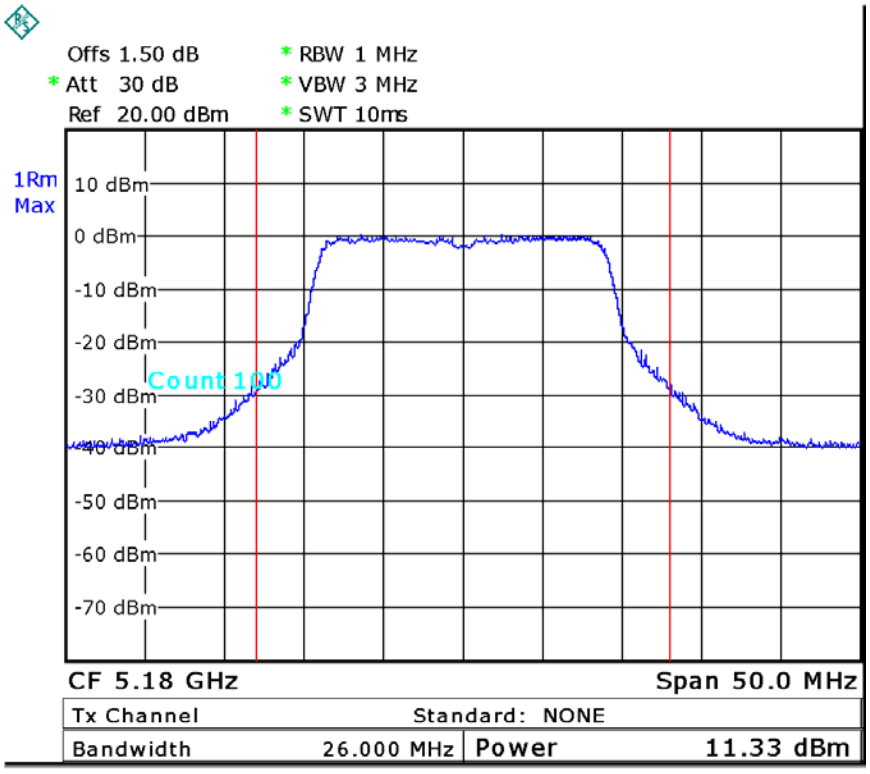
Date: 19.SEP.2012 18:11:34

CH48-ANT 1



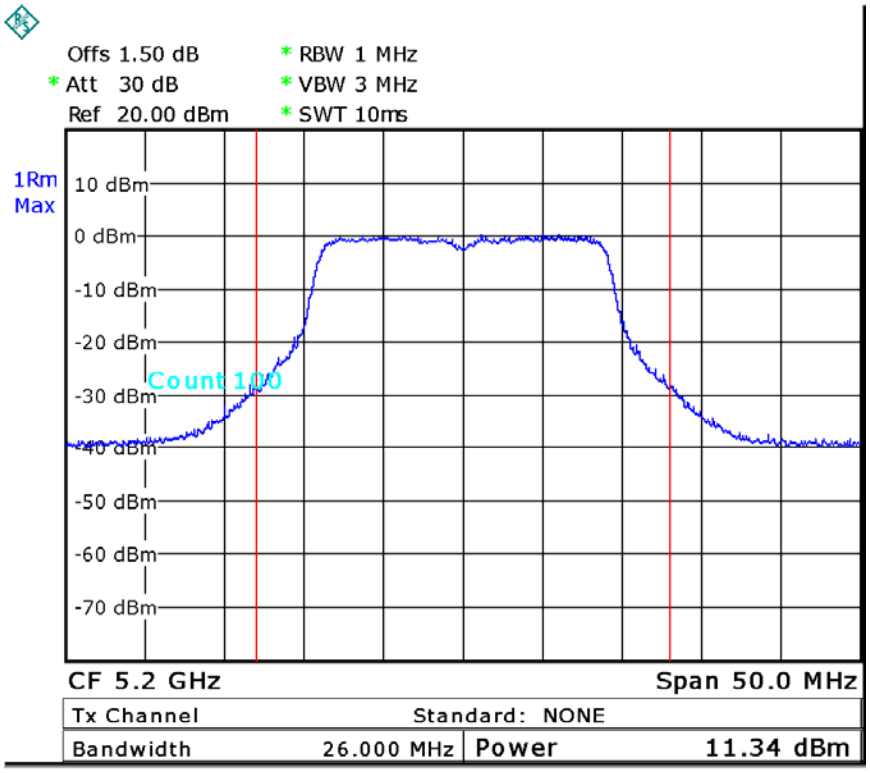
Date: 19.SEP.2012 18:08:50

CH36-ANT 2



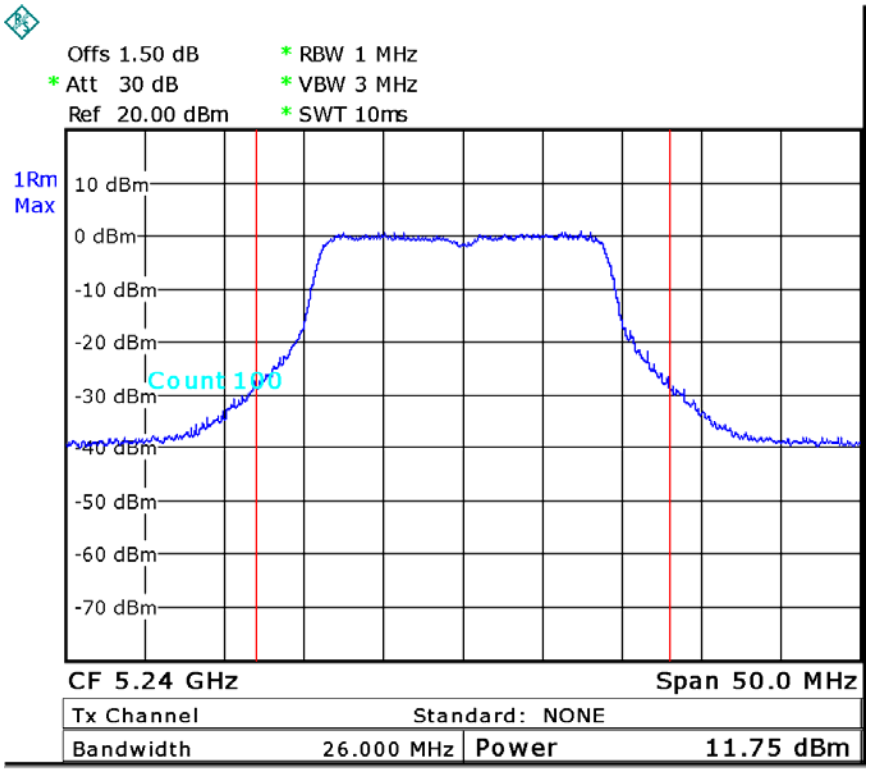
Date: 19.SEP.2012 18:14:30

CH40-ANT 2



Date: 19.SEP.2012 18:15:10

CH48-ANT 2



Date: 19.SEP.2012 18:16:33

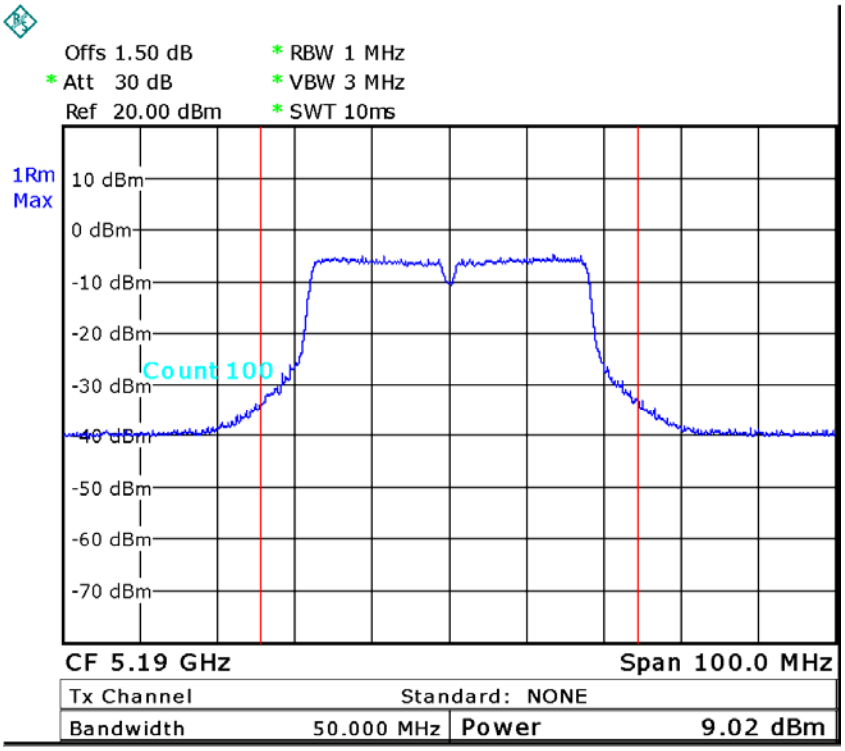
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 1/TX N40 Mode/CH36, CH40, CH48 - For 2TX		

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	9.02	17.00	0.0501
CH46	4230	11.87	17.00	0.0501

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	8.92	17.00	0.0501
CH46	4230	11.49	17.00	0.0501

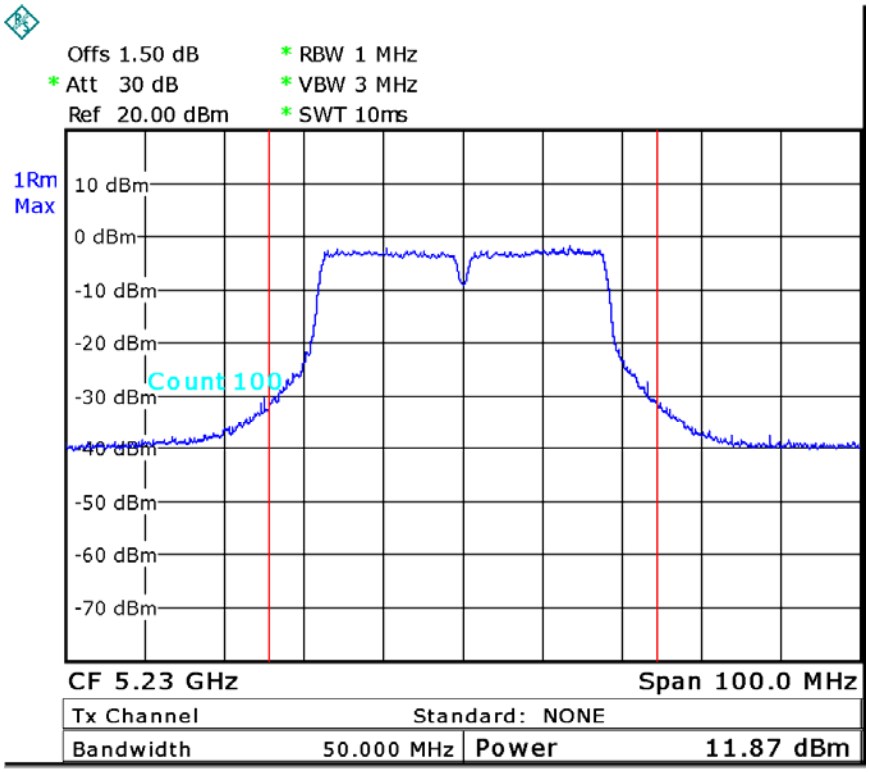
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	11.98	17.00	0.0501
CH46	4230	14.69	17.00	0.0501

CH38-ANT 1



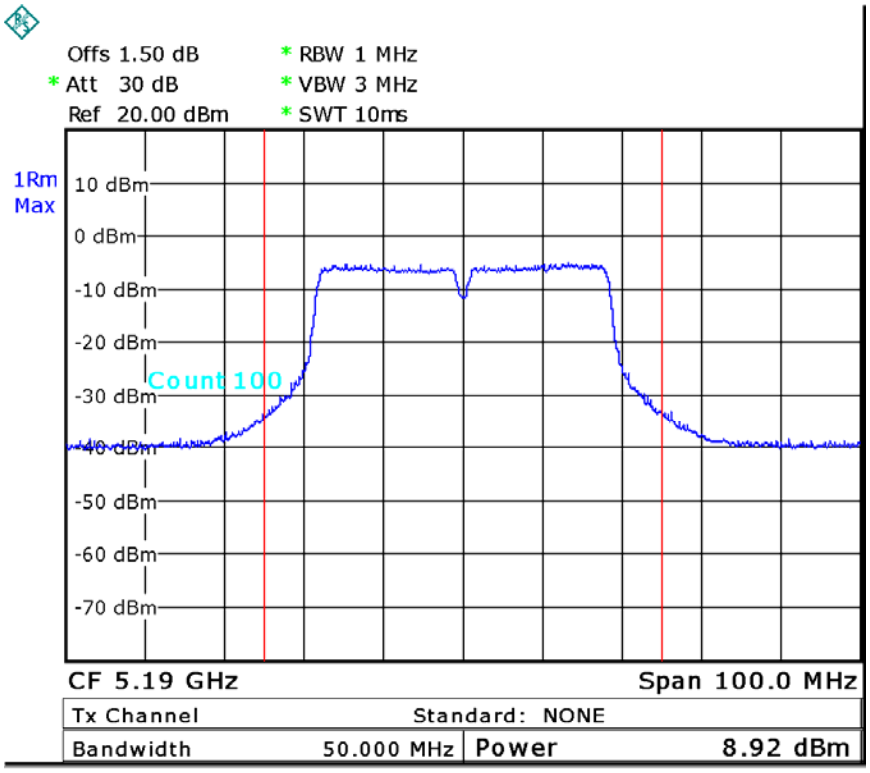
Date: 21.SEP.2012 15:25:26

CH46-ANT 1



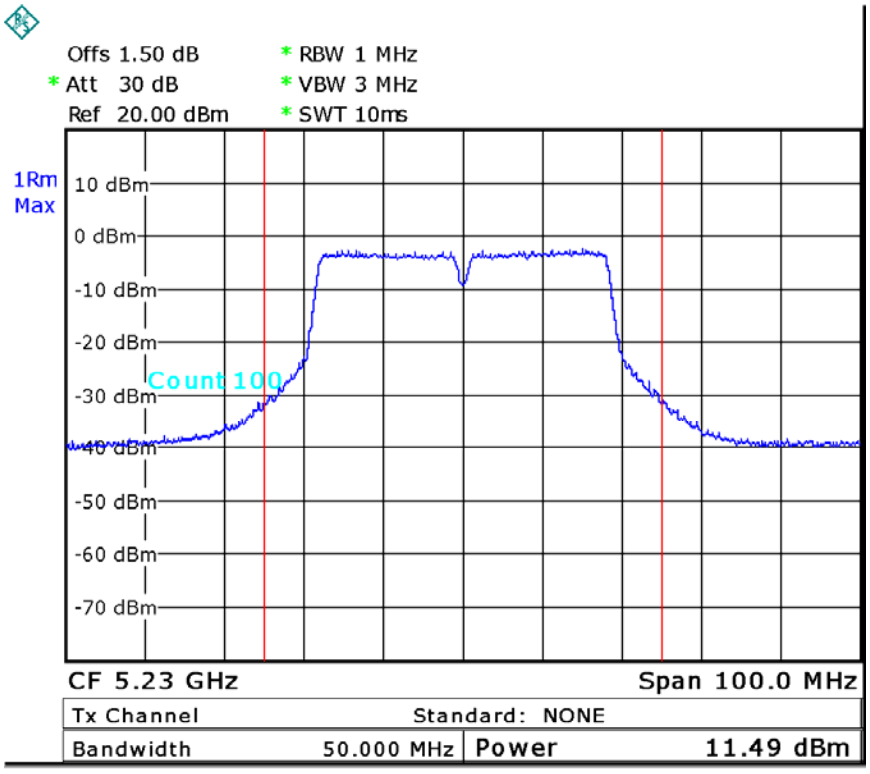
Date: 21.SEP.2012 15:23:55

CH38-ANT 2



Date: 21.SEP.2012 16:26:04

CH46-ANT 2



Date: 21.SEP.2012 16:22:40

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64 - For 2TX		

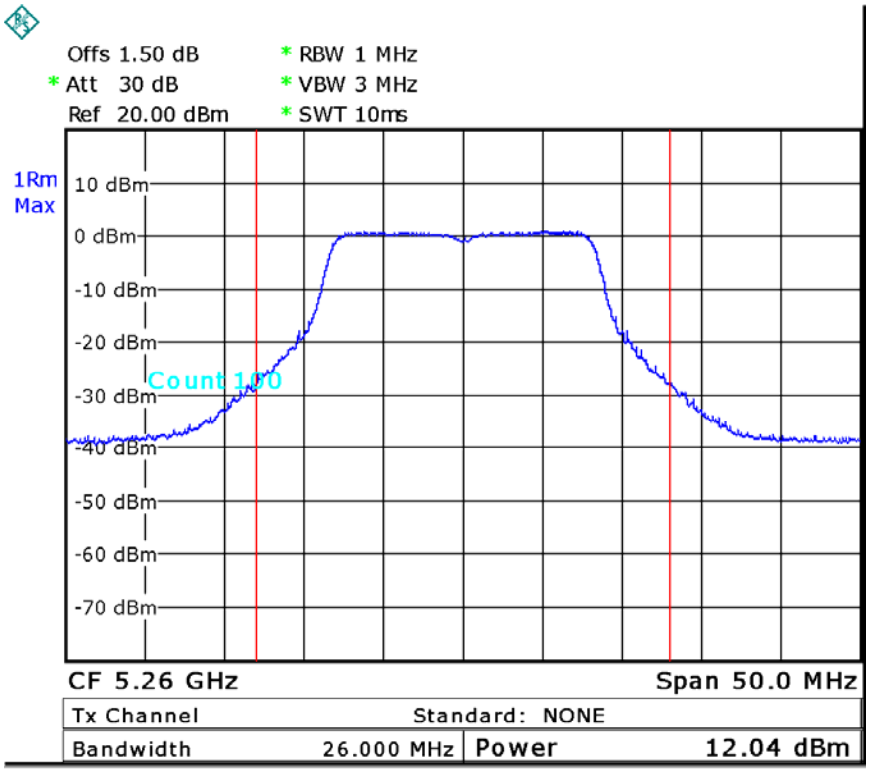
Peak Output Power

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	12.04	24	0.251
CH56	5280	12.74	24	0.251
CH64	5320	13.04	24	0.251

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	13.07	24	0.251
CH56	5280	12.65	24	0.251
CH64	5320	11.92	24	0.251

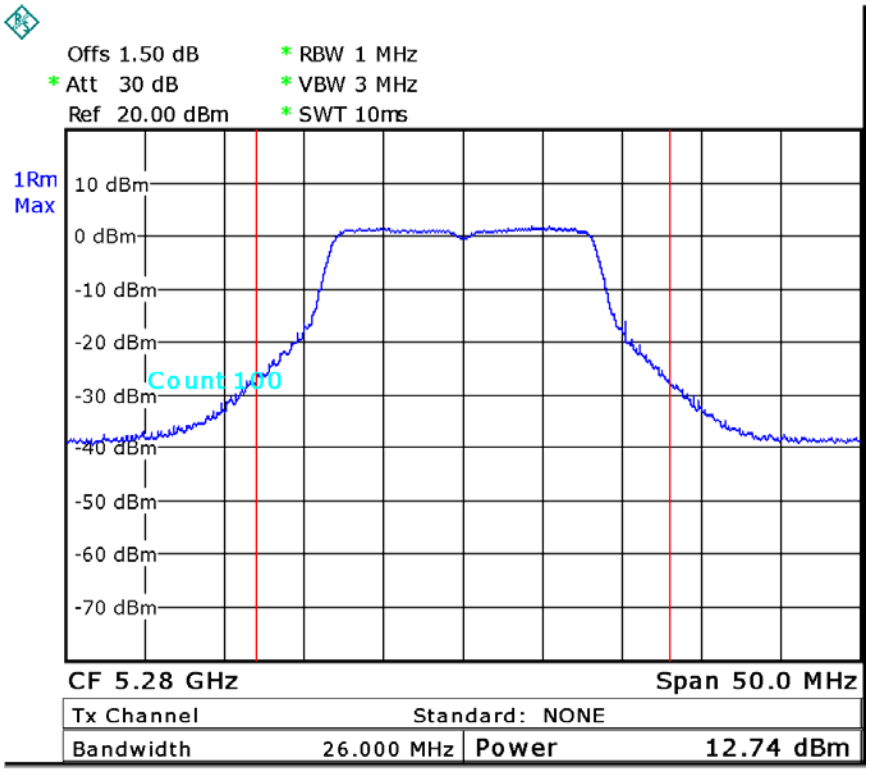
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	15.60	24	0.251
CH56	5280	15.71	24	0.251
CH64	5320	15.53	24	0.251

CH52-ANT 1



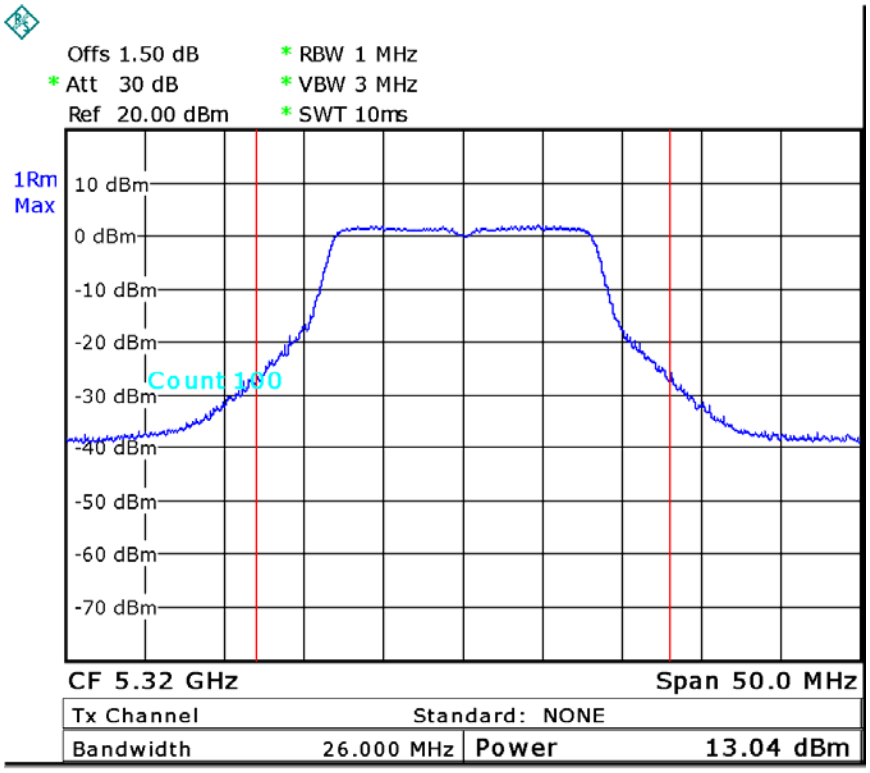
Date: 10.OCT.2012 19:48:51

CH56-ANT 1



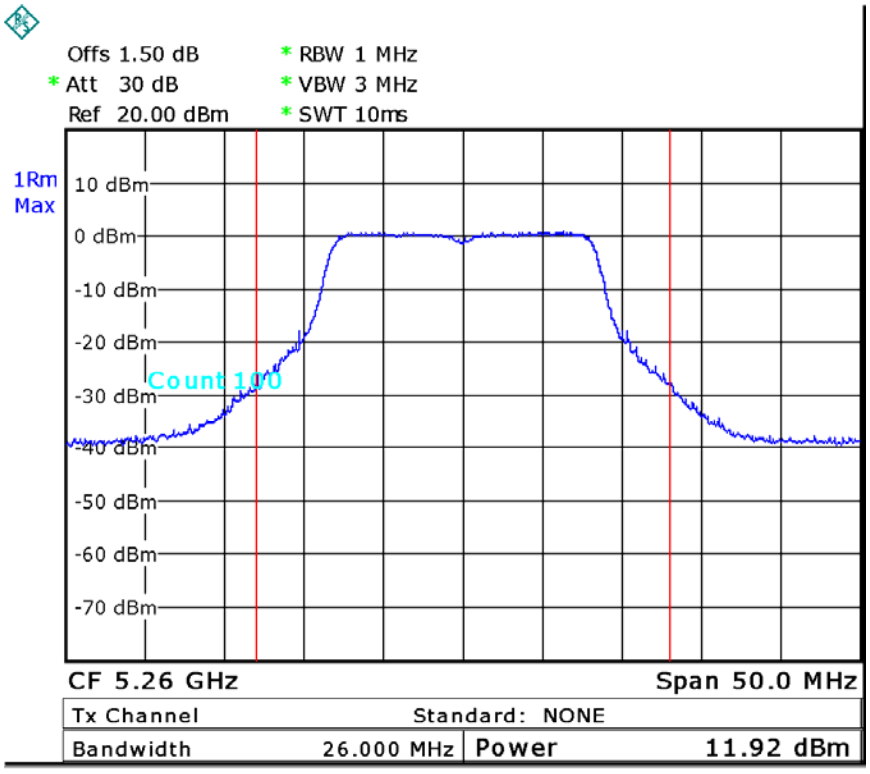
Date: 10.OCT.2012 19:45:35

CH64-ANT 1



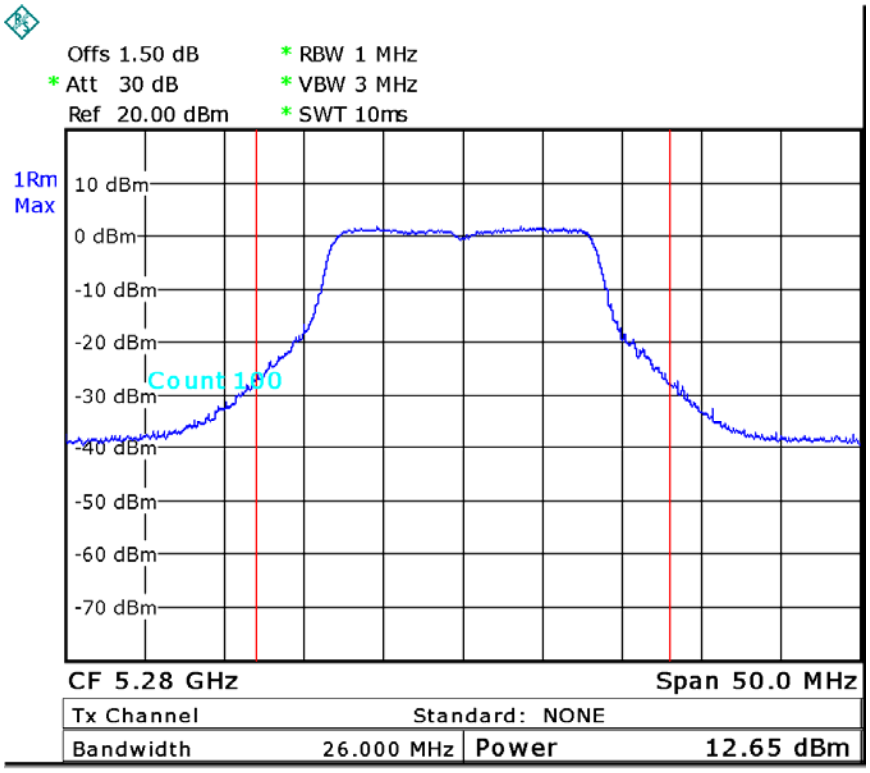
Date: 10.OCT.2012 19:44:02

CH52-ANT 2



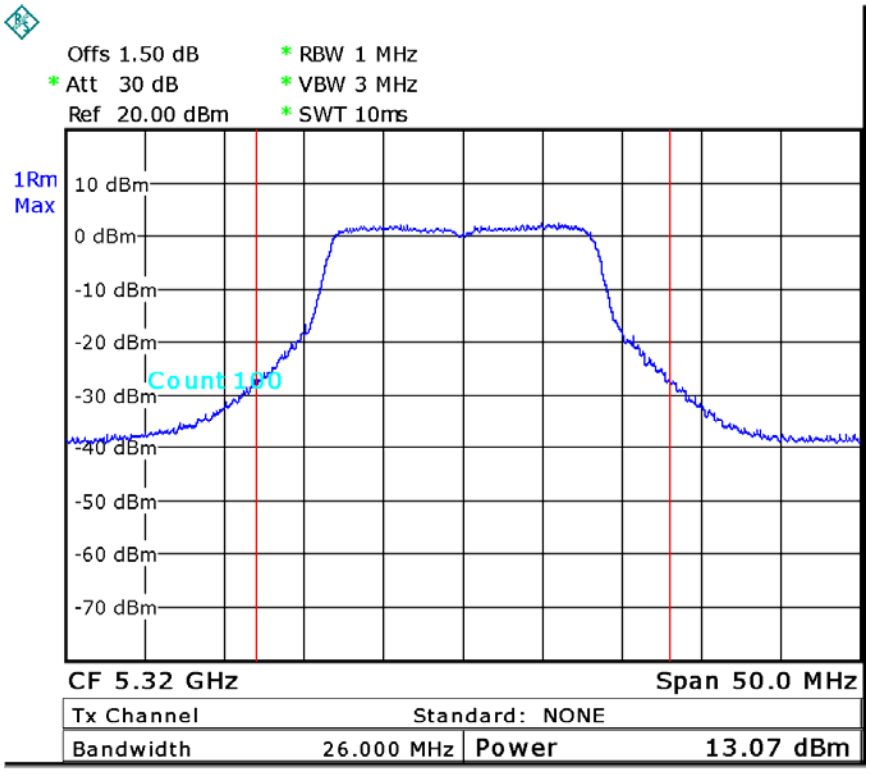
Date: 10.OCT.2012 19:48:44

CH56-ANT 2



Date: 10.OCT.2012 19:46:24

CH64-ANT 2



Date: 10.OCT.2012 19:43:28

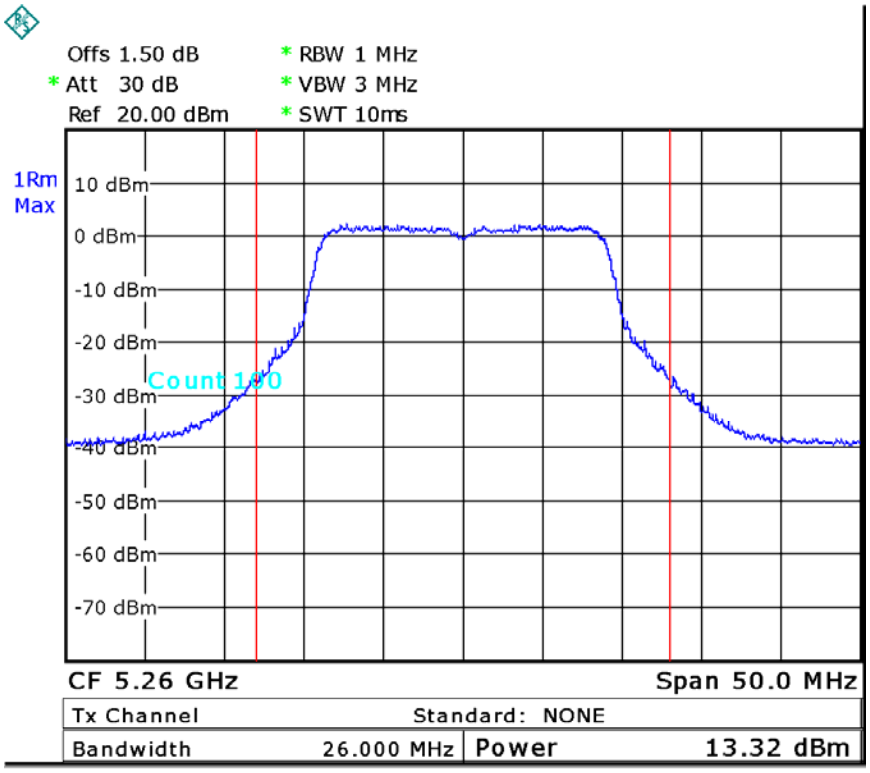
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64 - For 2TX		

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	13.32	24	0.251
CH56	5280	13.64	24	0.251
CH64	5320	13.55	24	0.251

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	13.04	24	0.251
CH56	5280	13.04	24	0.251
CH64	5320	13.27	24	0.251

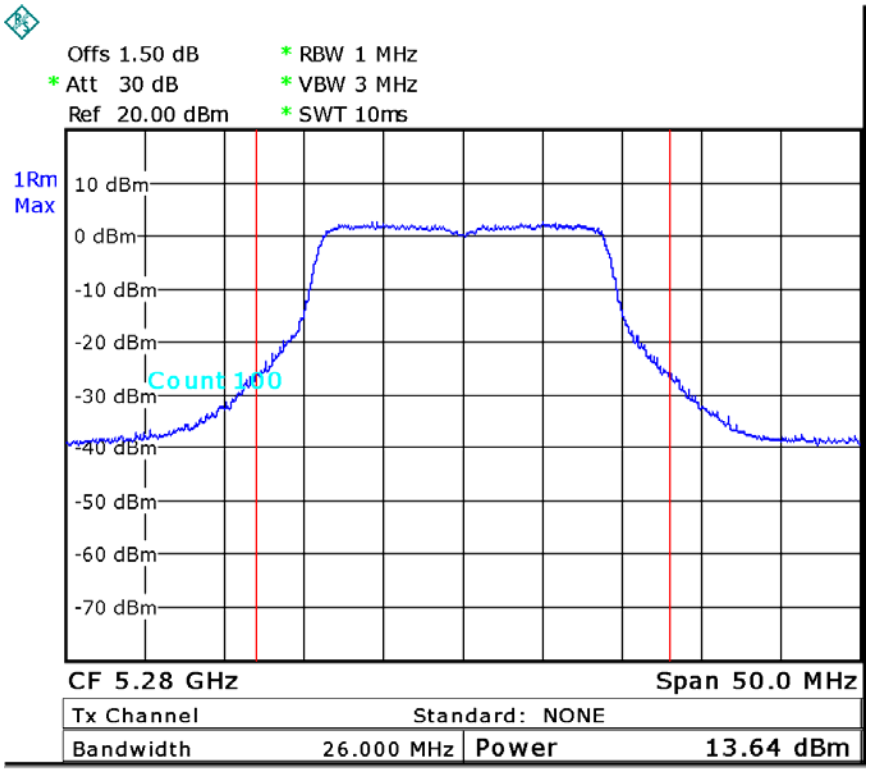
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	16.19	24	0.251
CH56	5280	16.36	24	0.251
CH64	5320	16.42	24	0.251

CH52-ANT 1



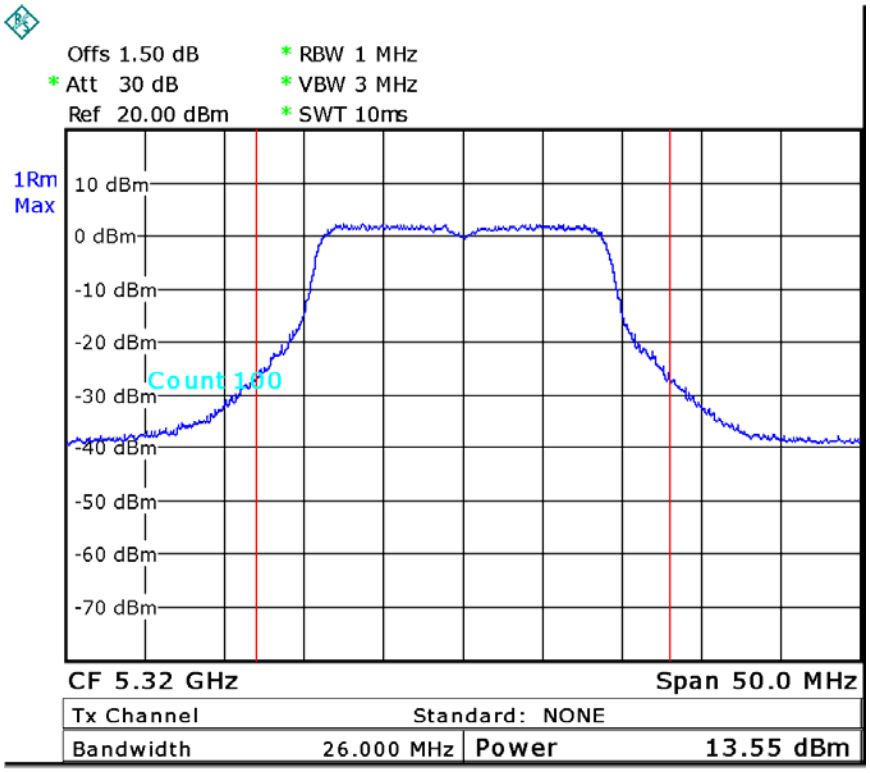
Date: 19.SEP.2012 18:05:38

CH56-ANT 1



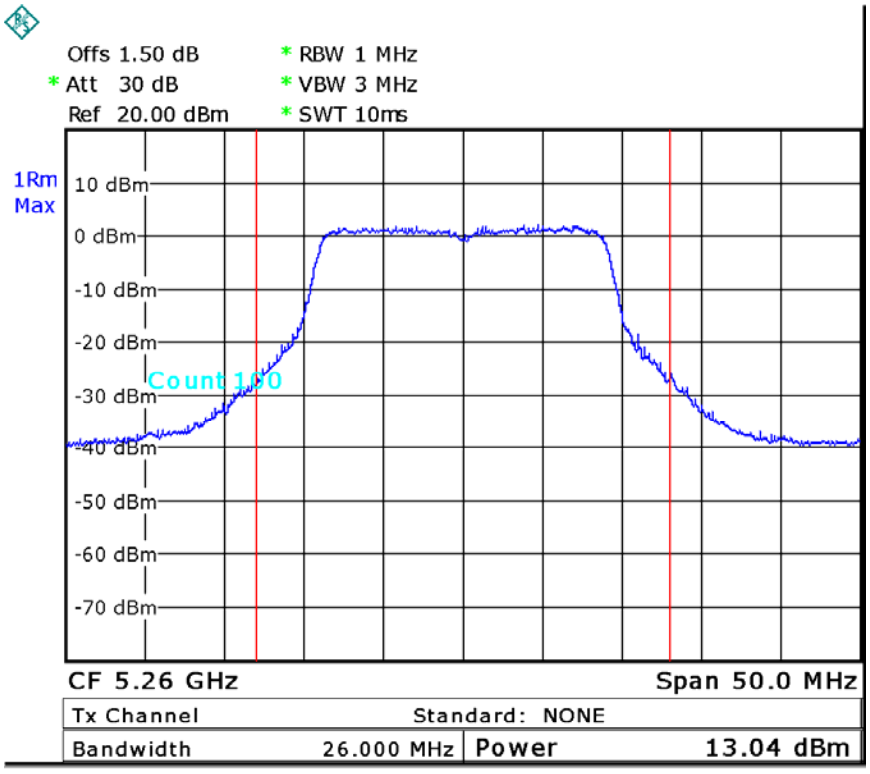
Date: 19.SEP.2012 18:04:26

CH64-ANT 1



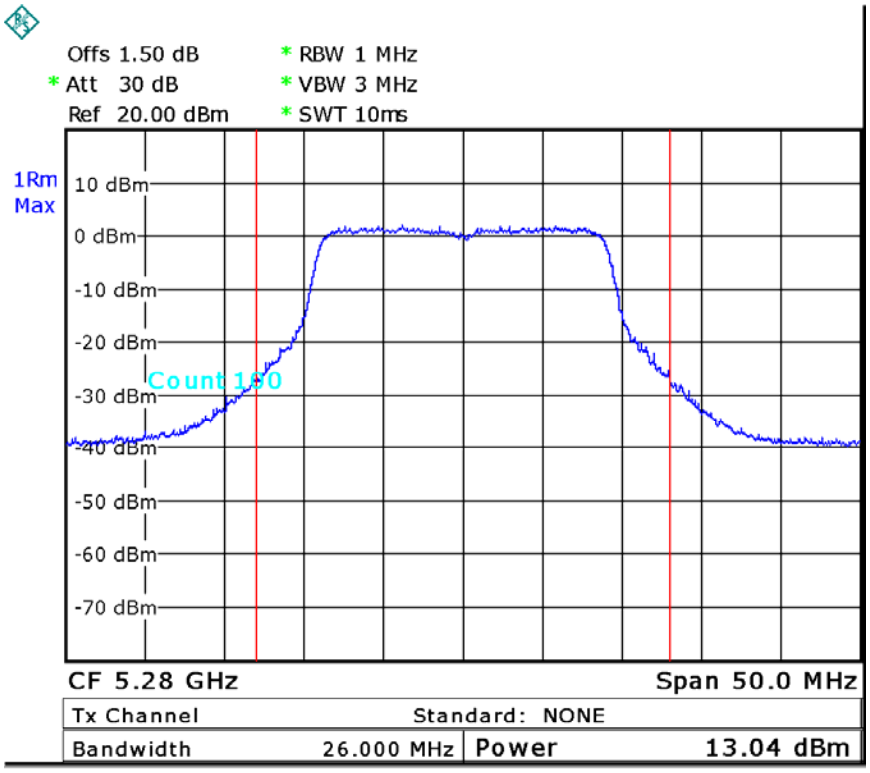
Date: 19.SEP.2012 18:02:54

CH52-ANT 2



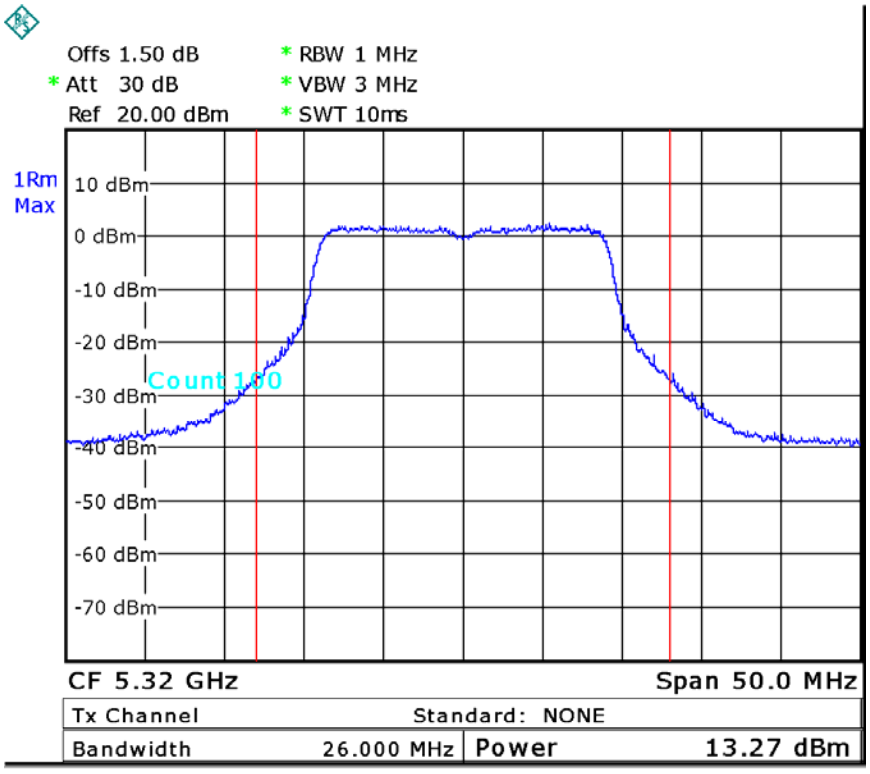
Date: 19.SEP.2012 18:17:50

CH56-ANT 2



Date: 19.SEP.2012 18:18:46

CH64-ANT 2



Date: 19.SEP.2012 18:19:56

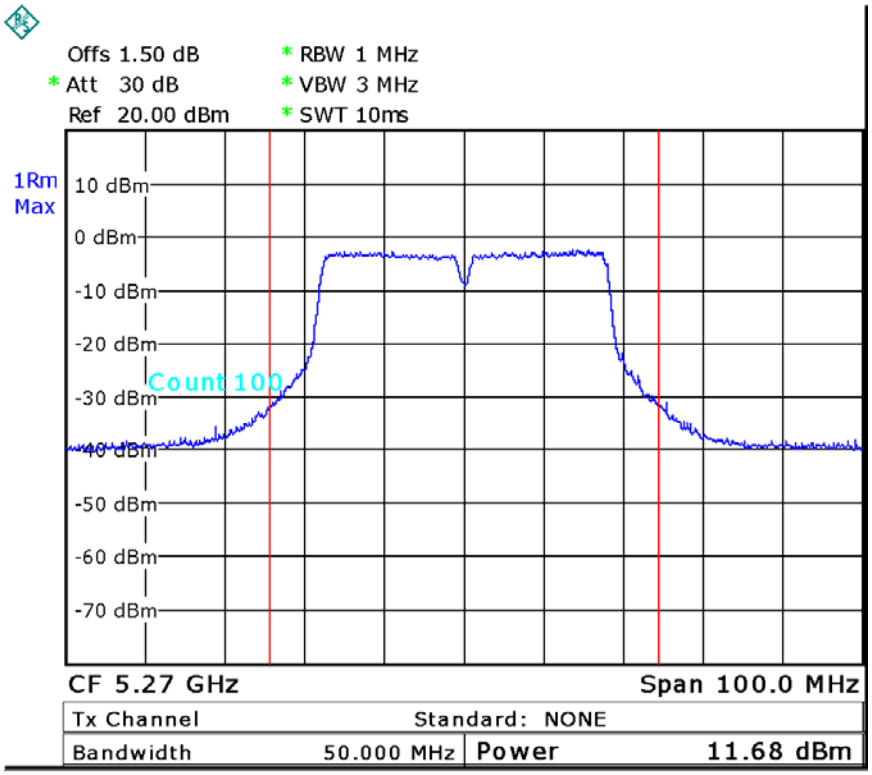
EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62 - For 2TX		

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	11.68	24	0.251
CH62	5310	9.51	24	0.251

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	11.54	24	0.251
CH62	5310	9.74	24	0.251

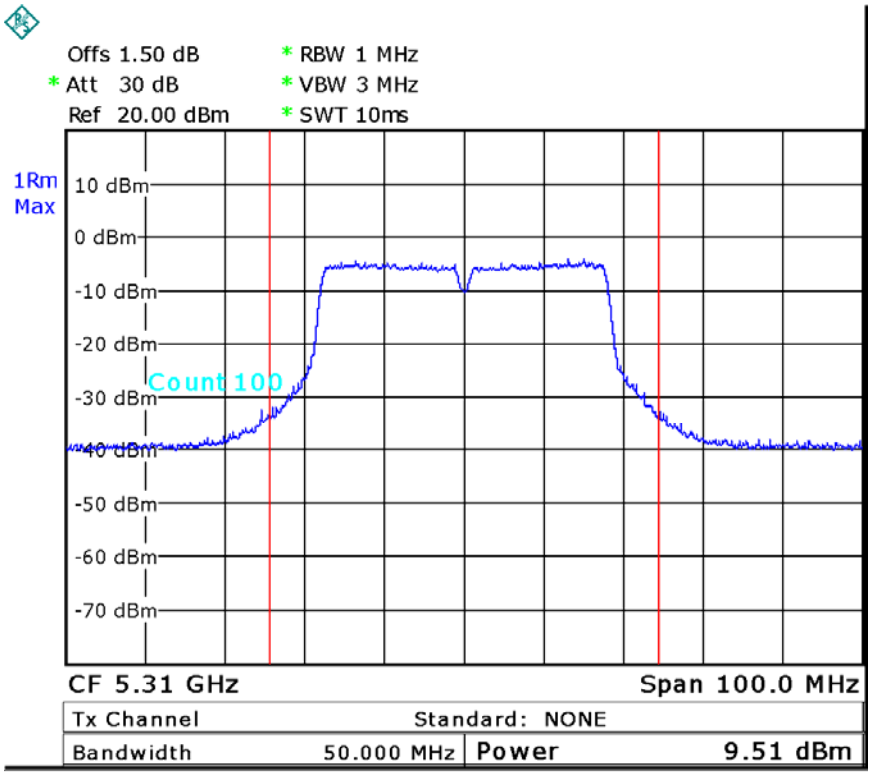
Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	14.62	24	0.251
CH62	5310	12.64	24	0.251

CH54-ANT 1



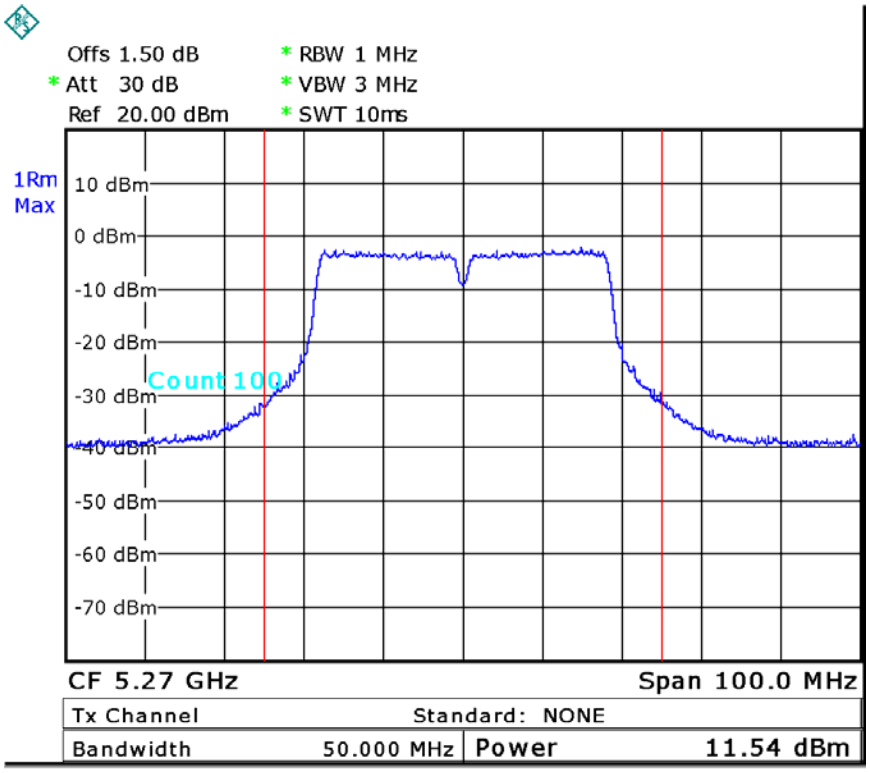
Date: 21.SEP.2012 15:22:19

CH62-ANT 1



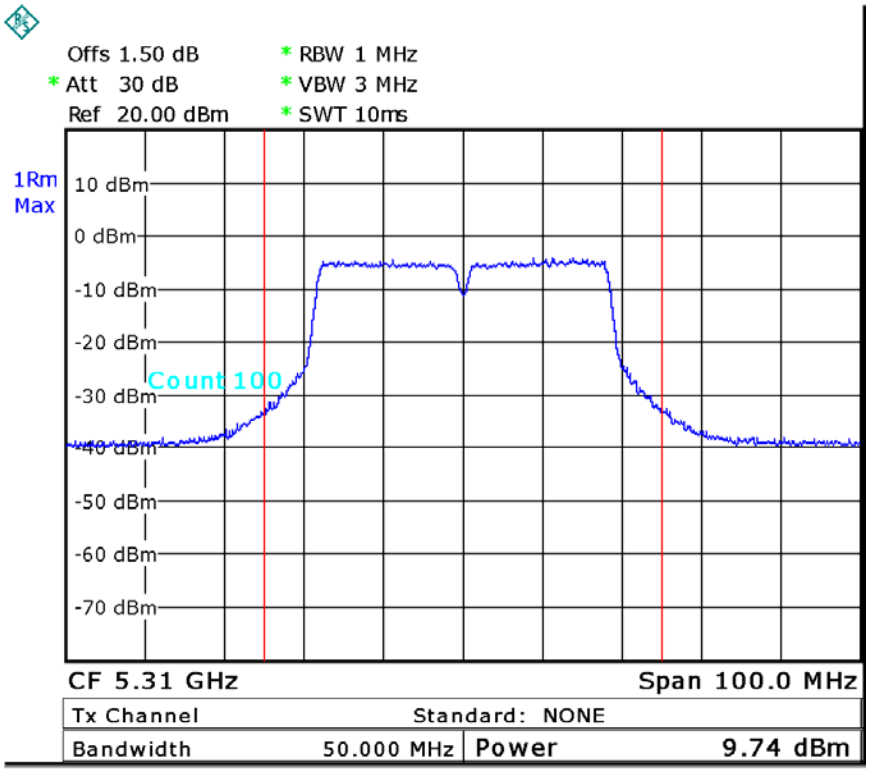
Date: 21.SEP.2012 15:20:10

CH54-ANT 2



Date: 21.SEP.2012 16:20:27

CH62-ANT 2



Date: 21.SEP.2012 16:06:40

EUT：	Wireless LAN Access Point	Model Name ：	AP5010DN-AGN
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V/60Hz		
Test Mode ：	Band 3/TX A Mode/CH100, CH116, CH140 - For 2TX		

Peak Output Power

ANT 1				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH100	5500	12.27	24	0.251
CH116	5580	13.44	24	0.251
CH140	5700	11.88	24	0.251

ANT 2				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH100	5500	11.57	24	0.251
CH116	5580	13.40	24	0.251
CH140	5700	11.72	24	0.251

Total				
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH100	5500	14.94	24	0.251
CH116	5580	16.43	24	0.251
CH140	5700	14.81	24	0.251