



TEST REPORT

Application No.: GZCR2109021139AT
Applicant: PAX Technology Limited
Address of Applicant: Room 2416, 24/F., Sun Hung Kai Centre, 30 Harbour, Hong Kong, China
Manufacturer: PAX Computer Technology(Shenzhen) Co., Ltd.
Address of Manufacturer: 4/F, No.3 Building, Software Park, Second Central Science-Tech Road, High-Tech industrial Park, Shenzhen, Guangdong, P.R.C.

Equipment Under Test (EUT):

EUT Name: Mobile Payment Cell Phone
Model No.: M50
Trade Mark: PAX
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2021-09-16
Date of Test: 2021-09-17 to 2021-10-12
Date of Issue: 2021-10-18

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Kobe Jian
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-10-18		Original

Authorized for issue by				
				
		Curry Wu/Project Engineer		
				
		Ricky Liu/Reviewer		

2 Test Summary

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Radiated Emissions (below 1GHz)	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions (above 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass

Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

Remark: This report is only valid with SZEM201201302805, by comparison with previous report, this report just changed as below:

1. The middle frame changed from rounded corners to right angles.
2. Power key and volume key position changed.
3. The material of battery cover changed from plastic to glass.

Considering the difference above, Radiated Emissions which fall in the restricted bands & Radiated Spurious Emissions were re-tested.

For other test data, please refer to previous report.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC3.85V by li-ion battery(3020mAh) Recharged by power adapter Adapter M/N: SW-0983 Adapter input: AC100-240V, 50/60Hz, 0.5A Adapter output: DC5V/2A
Cable(s):	USB type C cable: 1m shielded cable without ferrite core
Operation Frequency (20MHz):	U-NII-1: 5180-5240MHz; U-NII-2A: 5260-5320MHz; U-NII-2C: 5500-5700MHz; U-NII-3: 5745-5825MHz
Operation Frequency (40MHz):	U-NII-1: 5190-5230MHz; U-NII-2A: 5270-5310MHz; U-NII-2C: 5510-5670MHz; U-NII-3: 5755-5795MHz
Operation Frequency (80MHz):	U-NII-1: 5210MHz; U-NII-2A: 5290MHz; U-NII-2C: 5530-5610MHz; U-NII-3: 5775MHz
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Channel Spacing:	802.11a/n(HT20)/ac(HT20): 20MHz; 802.11n(HT40)/ac(HT40): 40MHz; 802.11ac(HT80): 80MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	PIFA Antenna
Antenna Gain:	1dBi declared by applicant
Firmware Version:	15.1.01
Hardware Version:	M50
Testing Software:	Type in *##3646633##* in the dial display to enter engineering mode
SN	2250000695
Power Setting:	14.5dBm for 802.11a/n20/ac20, 13dBm for 802.11n40/ac40/ac80 mode, can not be changed by user.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--
The EUT has been tested as an independent unit.			

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Radiated Emissions (below 1GHz)	5.06dB (30MHz-1GHz ; 3m) 4.46dB (30MHz-1GHz ; 10m)
Radiated Emissions which fall in the restricted bands	± 4.5dB (below 1GHz); ± 4.8dB (above 1GHz);
Radiated Emissions (above 1GHz)	5.08 dB (1-6GHz); 5.14 (above 6 GHz)

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,
198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District,
Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **NVLAP (Lab Code: 200611-0)**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS (Lab Code: L0167)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2018 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of Testing Laboratories.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

- **ISED (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

- **VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)**

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.



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4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Radiated Emissions (below 1GHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Chamber cable	HangTianXing	N/A	EMC0542	2020-09-09	2022-09-08
Trilog Broadband Antenna(25MHz-1GHz)-Lab	SCHWARZBECK MESS-ELEKTRONIK	VULB 9168	SEM003-18	2019-02-22	2022-02-22
Amplifier(9kHz-1.3GHz)	HP	8447F	EMC2065	2021-05-19	2022-05-18
Active Loop Antenna-RED	ETS-Lindgren	6502	EMC2190	2019-12-27	2021-12-26
10m Semi-Anechoic Chamber	ETS	N/A	EMC0530	2019-10-20	2022-10-19
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A
EMI Test Receiver(1Hz-8GHz)	Rohde & Schwarz	ESW8	EMC2220	2021-05-26	2022-05-25

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Horn Antenna(14-40GHz)	SCHWARZBECK	BBHA 9170	EMC2041	2020-06-28	2023-06-27
Chamber cable(Above 1GHz)	Scoflex	KMKM-8.0m	EMC0545	2020-09-09	2022-09-08
Horn Antenna(1GHz-18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120D	EMC2026	2019-09-25	2022-09-24
1GHz-26.5 GHz Pre-Amplifier	Agilent	8449B	EMC0521	2021-01-08	2022-01-07
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2020-12-20	2023-12-19
EXA Signal Analyzer(10Hz-44GHz)	Keysight	N9010A	EMC2138	2021-09-16	2022-09-15
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A

Radiated Emissions (above 1GHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Chamber cable(Above 1GHz)	Scoflex	KMKM-8.0m	EMC0545	2020-09-09	2022-09-08
Horn Antenna(1GHz-18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120D	EMC2026	2019-09-25	2022-09-24
1GHz-26.5 GHz Pre-Amplifier	Agilent	8449B	EMC0521	2021-01-08	2022-01-07
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2020-12-20	2023-12-19
EXA Signal Analyzer(10Hz-44GHz)	Keysight	N9010A	EMC2138	2021-09-16	2022-09-15
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A



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Notch Filter (5150-5880)	Mico-Tronics	BRM50716	EMC2168	2021-07-29	2022-07-28
Horn Antenna(14-40GHz)	SCHWARZBECK	BBHA 9170	EMC2041	2020-06-28	2023-06-27
Microwave Broadband Preamplifier (18-40GHz)	SCHWARZBECK	BBV 9721	EMC2172	2021-09-08	2022-09-07

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DMM	Fluke	73	EMC0006	2021-07-05	2022-07-05
DMM	Fluke	73	EMC0007	2021-07-05	2022-07-05

6 Radio Spectrum Matter Test Results

6.1 Radiated Emissions (below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

* Frequency in CFR 15.205 Restricted Band.

Note: Frequency in non-Restricted Band:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C

Humidity: 60 % RH

Atmospheric Pressure: 1003 mbar



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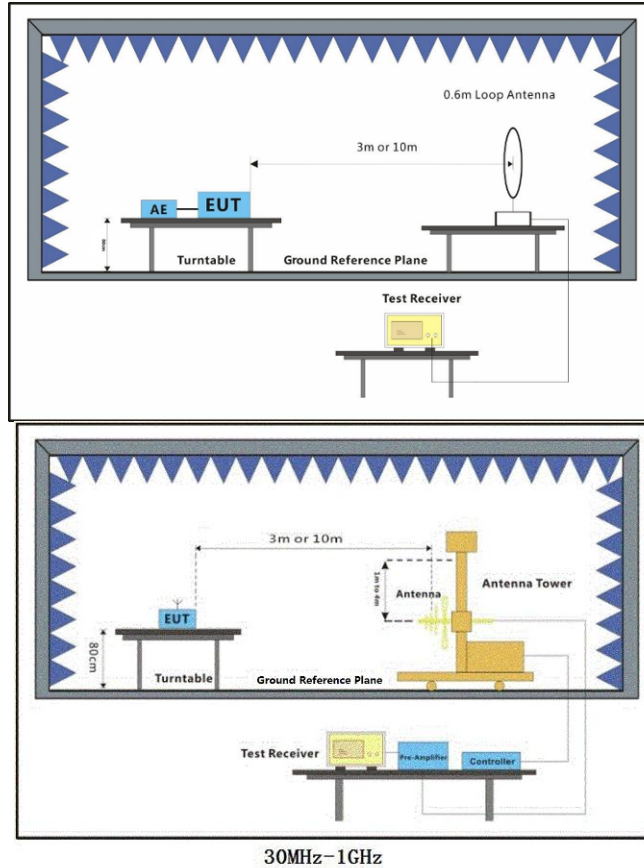
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6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan	12	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan	13	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan	14	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

6.1.3 Test Setup Diagram



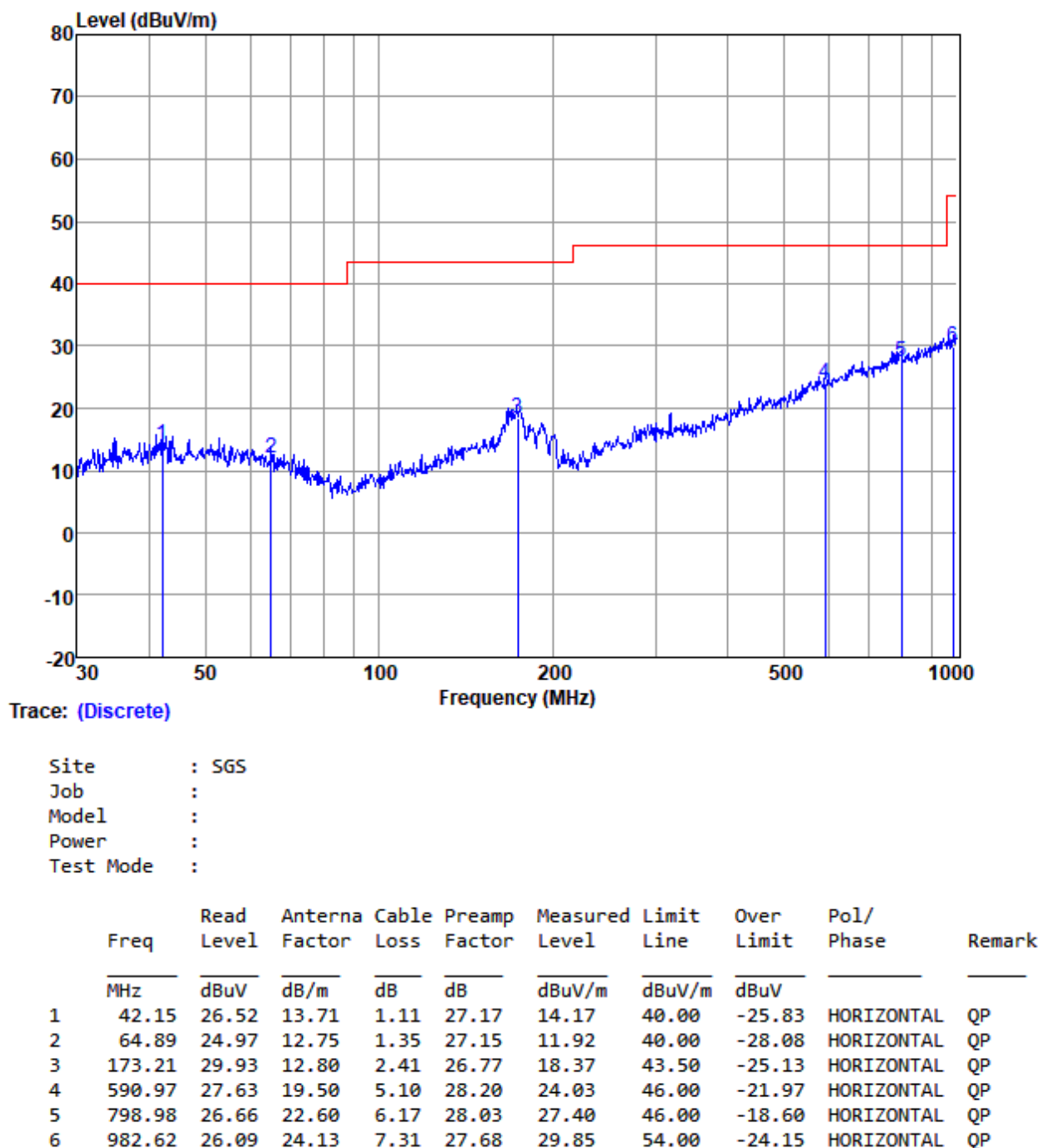
6.1.4 Measurement Procedure and Data

- a. 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.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

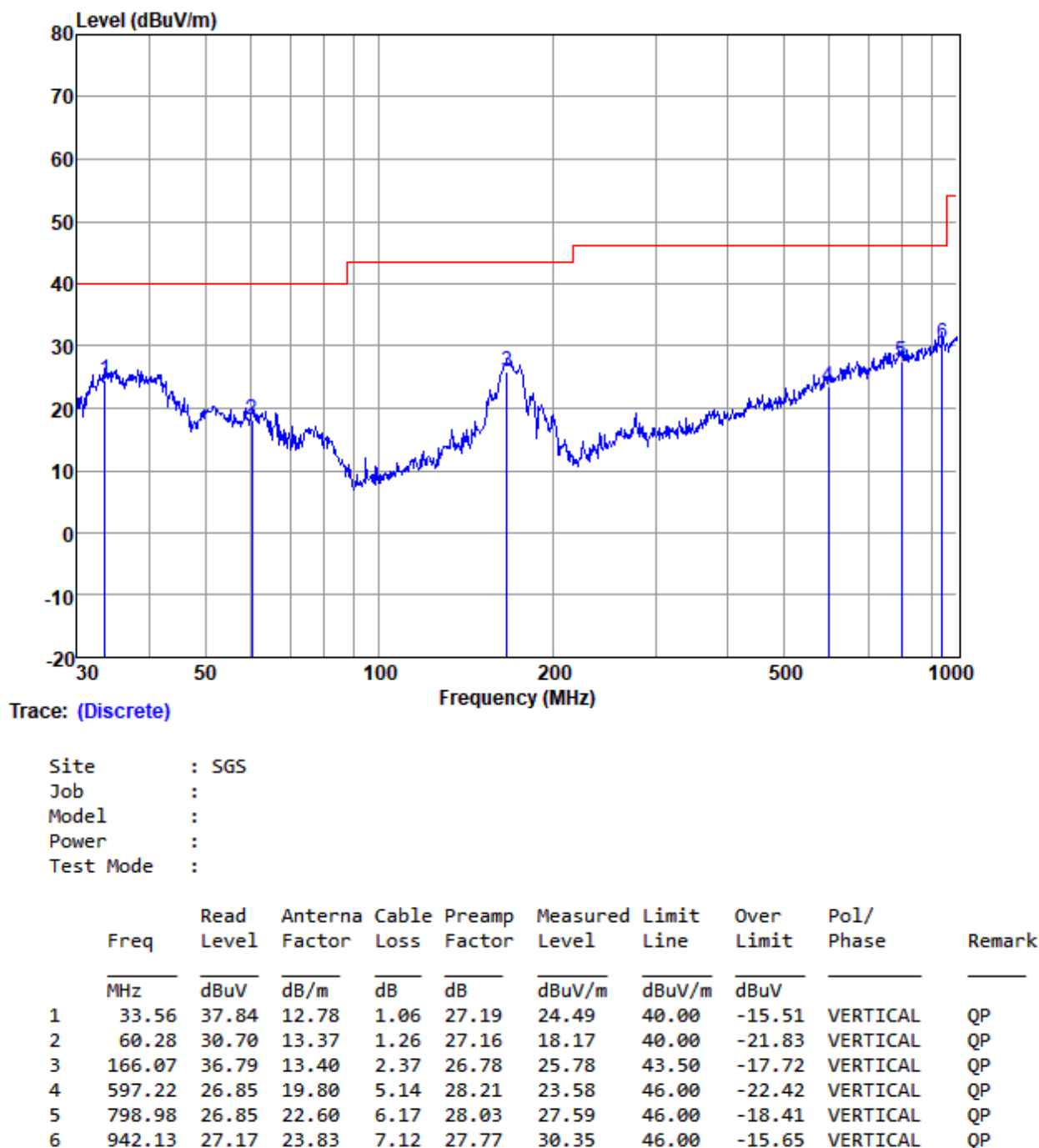
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 1GHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Test Mode: 11; Polarity: Horizontal



Site : SGS
Job :
Model :
Power :
Test Mode :

Test Mode: 11; Polarity: Vertical



6.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

* Frequency in CFR 15.205 Restricted Band.

Note: Frequency in non-Restricted Band:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.5 °C Humidity: 60 % RH Atmospheric Pressure: 1003 mbar

6.2.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	
Final test 11	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all



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Final test 12

modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

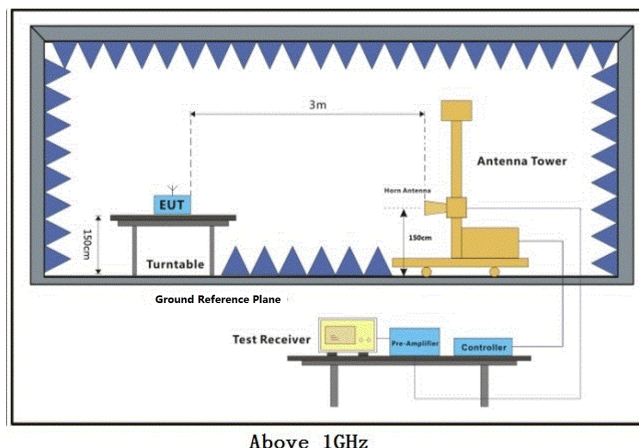
Final test 13

TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

Final test 14

TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

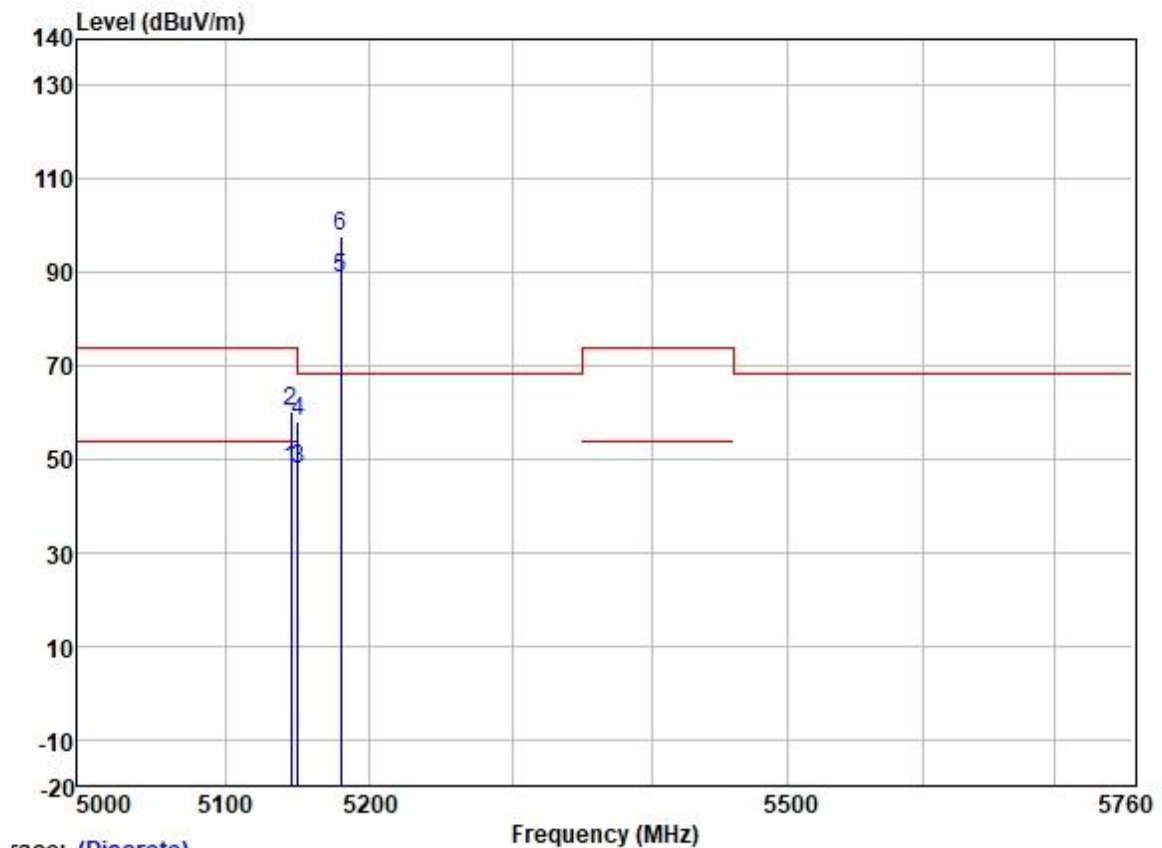
6.2.3 Test Setup Diagram



6.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
 - f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
 - g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
 - h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
 - i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
 - j. Repeat above procedures until all frequencies measured was complete.
- Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

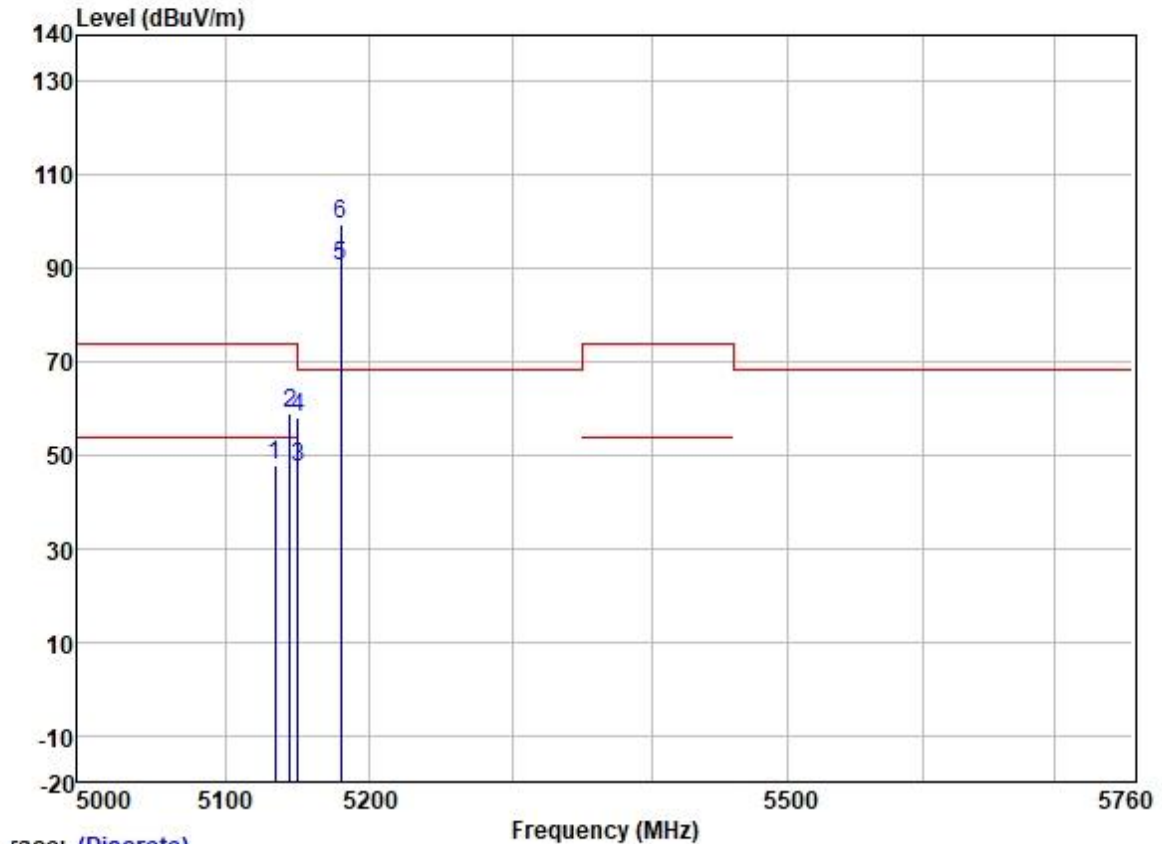
Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5145.060	47.35	31.72	5.62	36.86	47.83	54.00	-6.17	HORIZONTAL	Average
2	5145.060	59.83	31.72	5.62	36.86	60.31	74.00	-13.69	HORIZONTAL	Peak
3	5149.980	47.21	31.72	5.62	36.86	47.69	54.00	-6.31	HORIZONTAL	Average
4	5149.980	57.62	31.72	5.62	36.86	58.10	74.00	-15.90	HORIZONTAL	Peak
5	5180.000	88.16	31.73	5.61	36.87	88.63	-----	-----	HORIZONTAL	Average
6 *	5180.000	97.27	31.73	5.61	36.87	97.74	68.20	29.54	HORIZONTAL	Peak

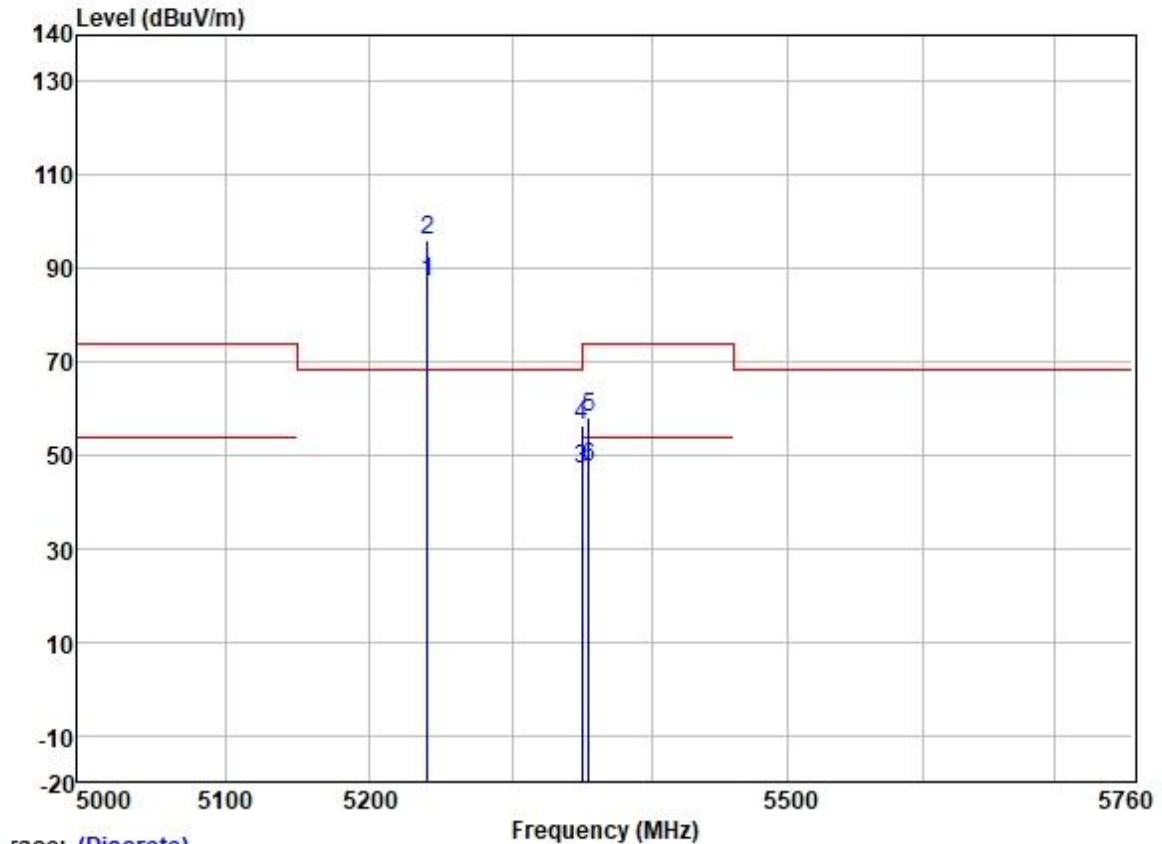
Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

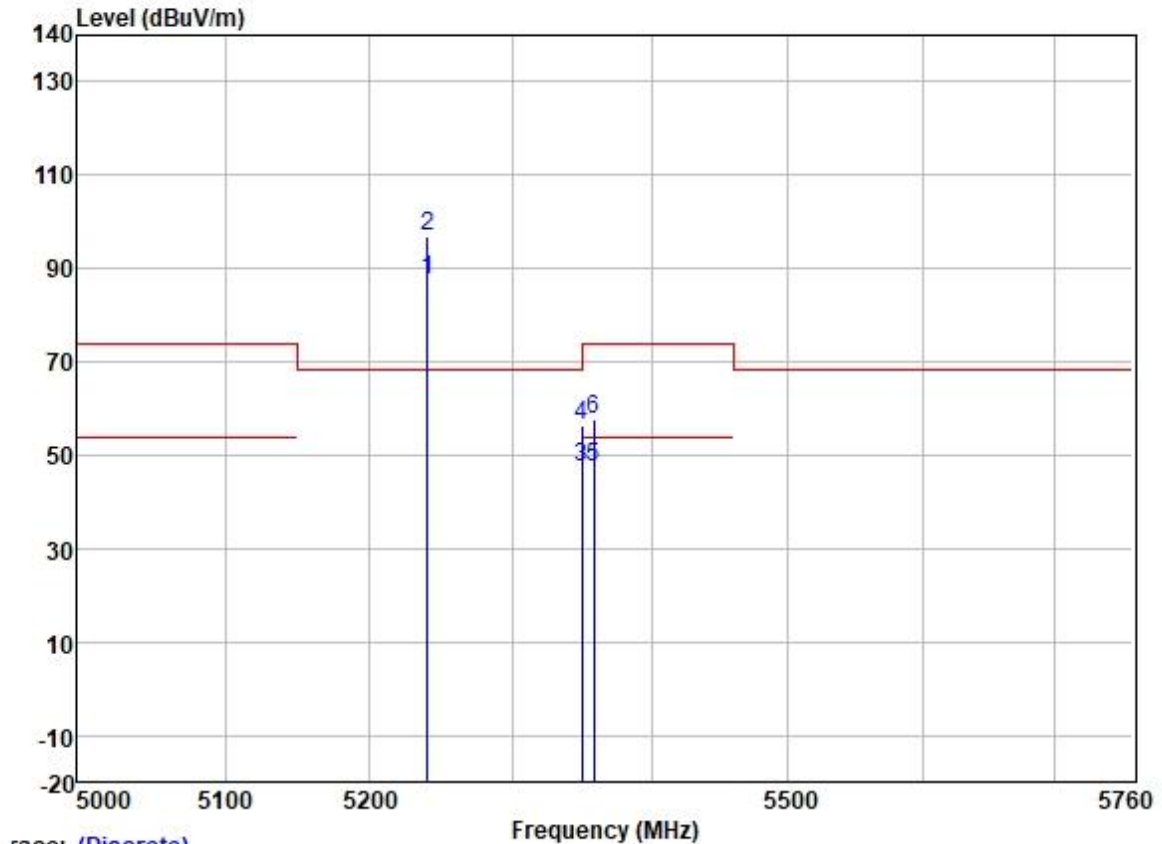
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5134.281	47.17	31.72	5.63	36.86	47.66	54.00	-6.34	VERTICAL Average
2	5144.360	58.64	31.72	5.62	36.86	59.12	74.00	-14.88	VERTICAL Peak
3	5149.980	47.12	31.72	5.62	36.86	47.60	54.00	-6.40	VERTICAL Average
4	5149.980	57.61	31.72	5.62	36.86	58.09	74.00	-15.91	VERTICAL Peak
5	5180.000	89.92	31.73	5.61	36.87	90.39	-----	-----	VERTICAL Average
6 *	5180.000	99.15	31.73	5.61	36.87	99.62	68.20	31.42	VERTICAL Peak

Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5240.000	86.33	31.75	5.74	36.87	86.95	-----	-----	HORIZONTAL	Average
2	* 5240.000	95.33	31.75	5.74	36.87	95.95	68.20	27.75	HORIZONTAL	Peak
3	5350.020	46.26	31.77	6.05	36.88	47.20	54.00	-6.80	HORIZONTAL	Average
4	5350.020	55.38	31.77	6.05	36.88	56.32	74.00	-17.68	HORIZONTAL	Peak
5	5354.470	57.30	31.78	6.03	36.88	58.23	74.00	-15.77	HORIZONTAL	Peak
6	5355.037	46.41	31.78	6.03	36.88	47.34	54.00	-6.66	HORIZONTAL	Average

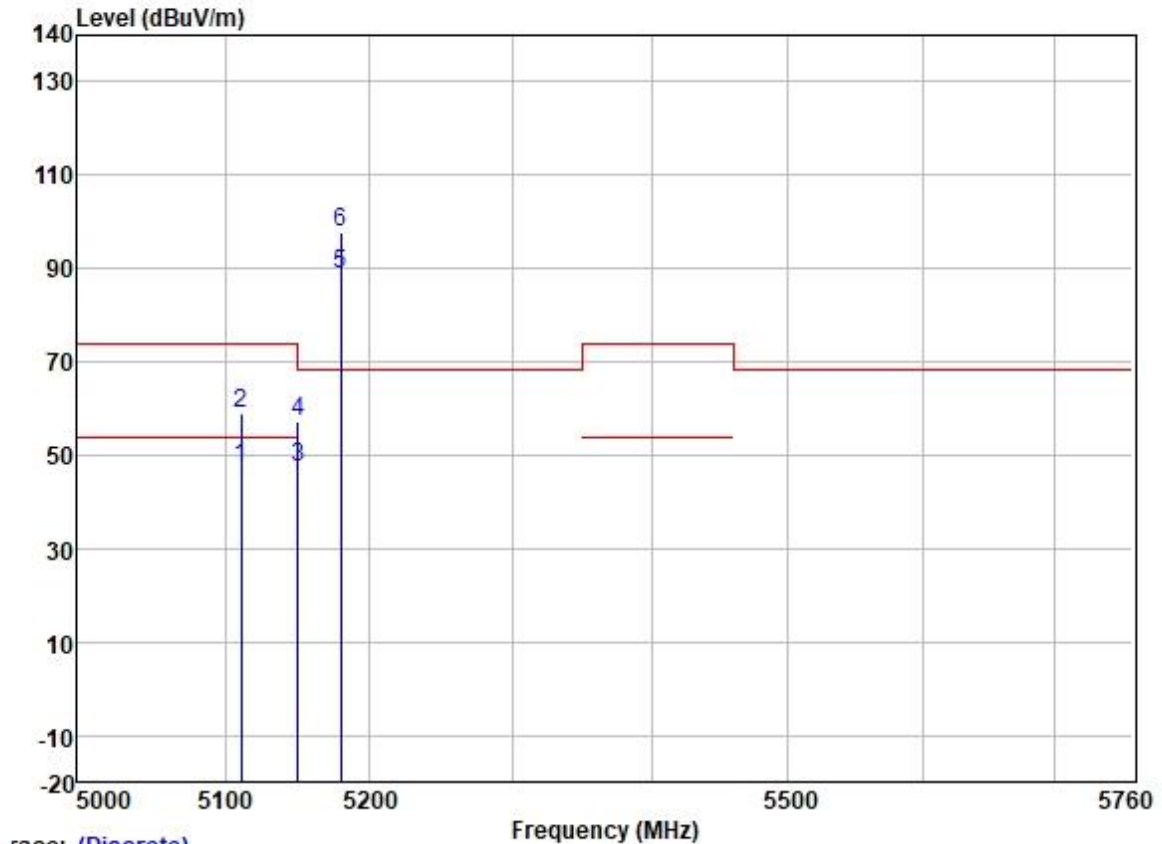
Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5240.000	86.89	31.75	5.74	36.87	87.51	-----	-----	VERTICAL	Average
2 *	5240.000	96.24	31.75	5.74	36.87	96.86	68.20	28.66	VERTICAL	Peak
3	5350.020	46.30	31.77	6.05	36.88	47.24	54.00	-6.76	VERTICAL	Average
4	5350.020	55.55	31.77	6.05	36.88	56.49	74.00	-17.51	VERTICAL	Peak
5	5358.298	46.40	31.78	6.03	36.88	47.33	54.00	-6.67	VERTICAL	Average
6	5358.582	56.71	31.78	6.03	36.88	57.64	74.00	-16.36	VERTICAL	Peak

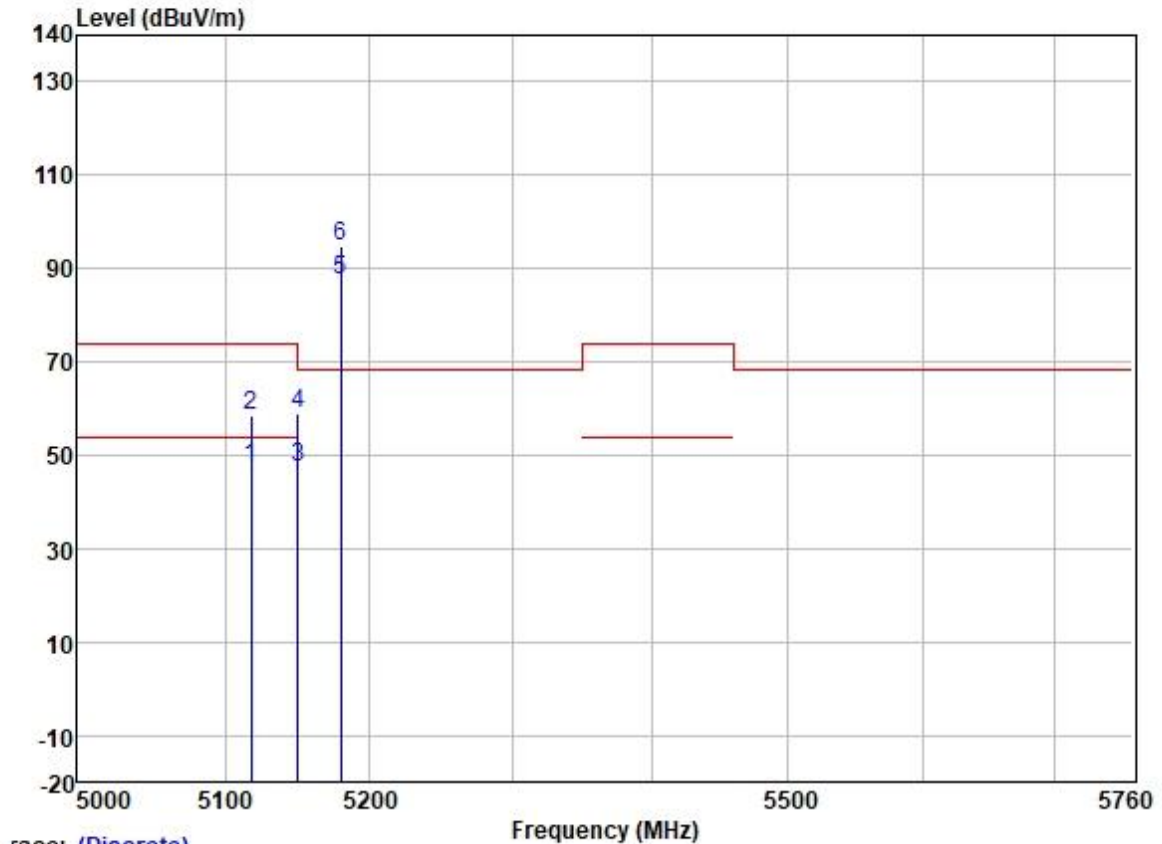
Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Level	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1	5111.203	46.91	31.72	5.65	36.86	47.42	54.00	-6.58	HORIZONTAL Average
2	5111.203	58.22	31.72	5.65	36.86	58.73	74.00	-15.27	HORIZONTAL Peak
3	5149.980	46.79	31.72	5.62	36.86	47.27	54.00	-6.73	HORIZONTAL Average
4	5149.980	56.69	31.72	5.62	36.86	57.17	74.00	-16.83	HORIZONTAL Peak
5	5180.000	88.30	31.73	5.61	36.87	88.77	-----	-----	HORIZONTAL Average
6 *	5180.000	97.27	31.73	5.61	36.87	97.74	68.20	29.54	HORIZONTAL Peak

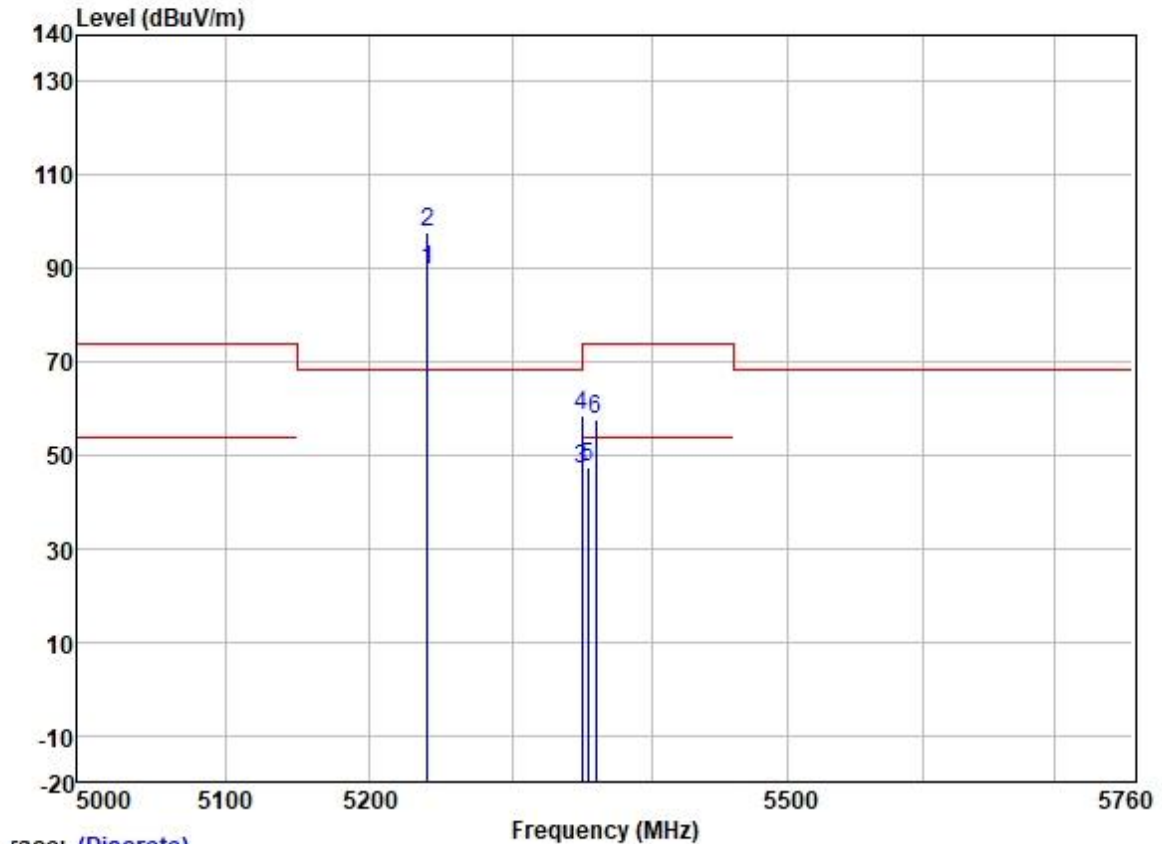
Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5117.857	46.91	31.72	5.64	36.86	47.41	54.00	-6.59	VERTICAL	Average
2	5117.857	57.93	31.72	5.64	36.86	58.43	74.00	-15.57	VERTICAL	Peak
3	5149.980	46.77	31.72	5.62	36.86	47.25	54.00	-6.75	VERTICAL	Average
4	5149.980	58.63	31.72	5.62	36.86	59.11	74.00	-14.89	VERTICAL	Peak
5	5180.000	87.17	31.73	5.61	36.87	87.64	-----	-----	VERTICAL	Average
6 *	5180.000	94.42	31.73	5.61	36.87	94.89	68.20	26.69	VERTICAL	Peak

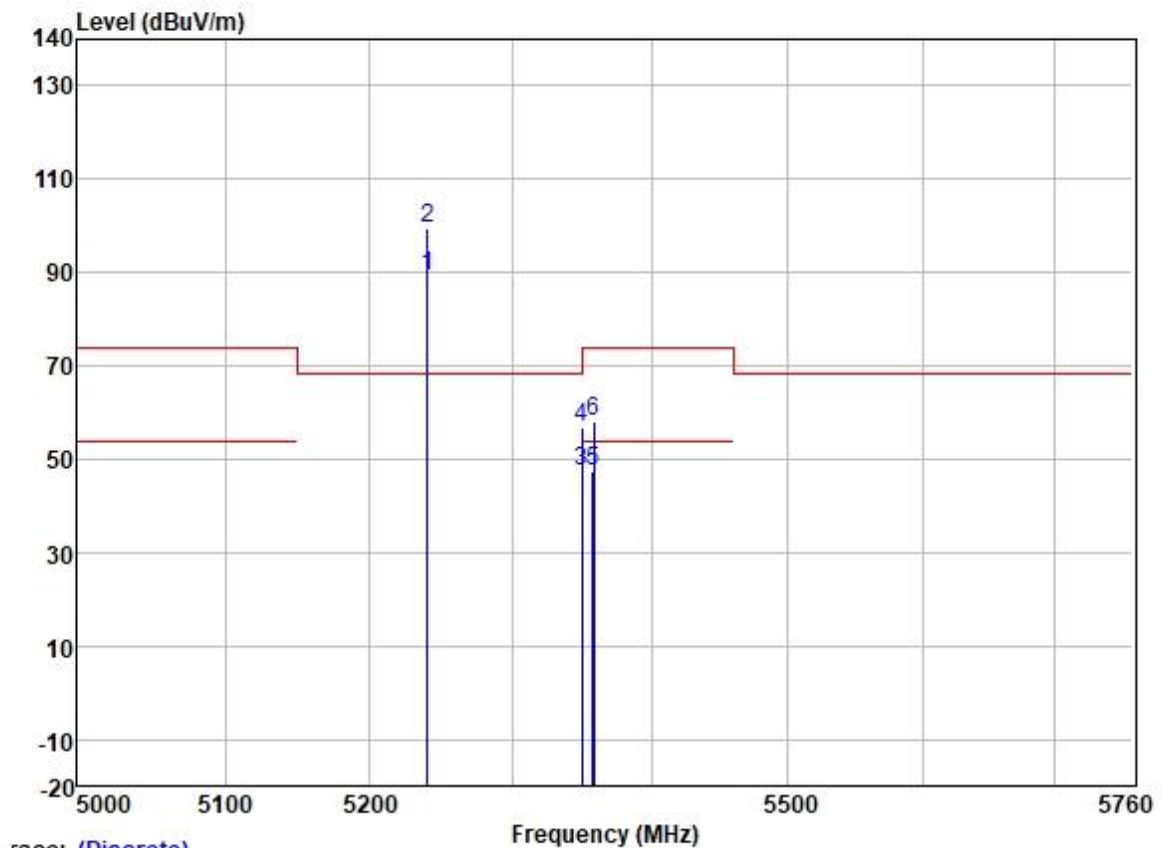
Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

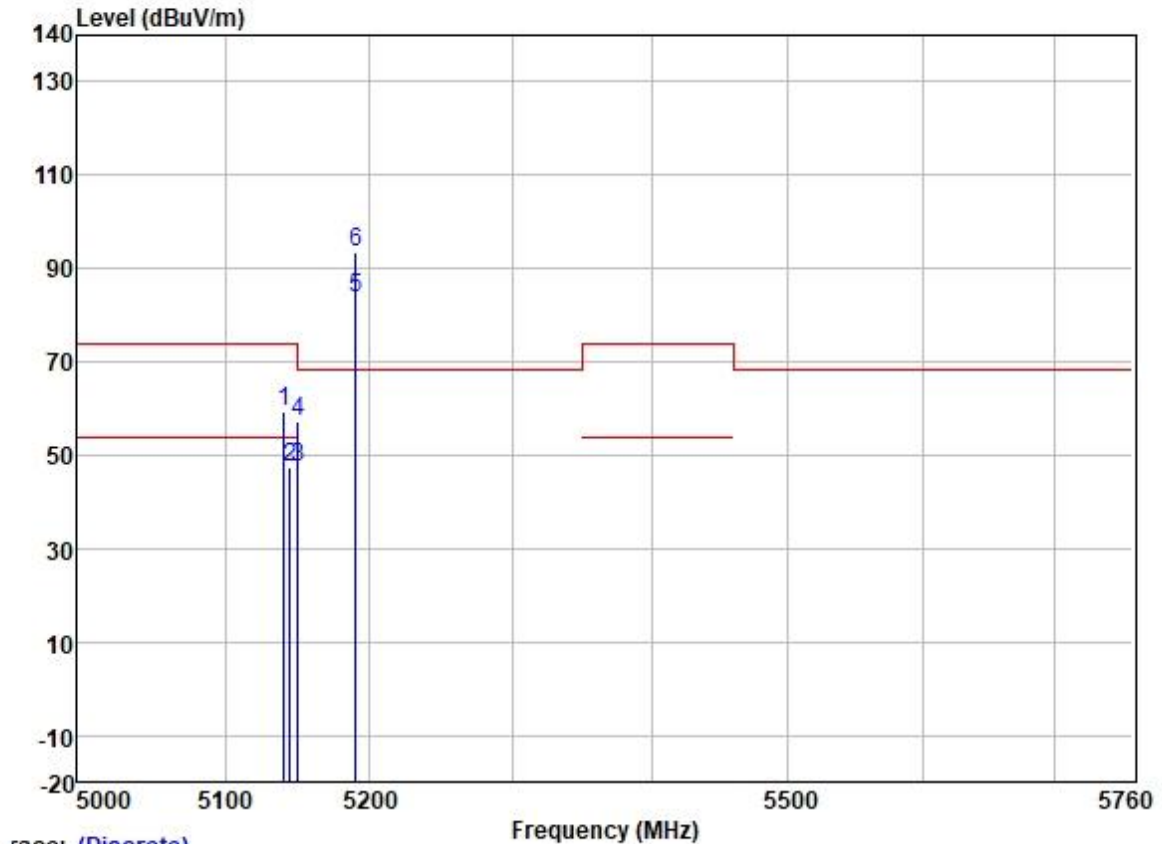
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5240.000	89.05	31.75	5.74	36.87	89.67	-----	-----	HORIZONTAL Average
2 *	5240.000	96.95	31.75	5.74	36.87	97.57	68.20	29.37	HORIZONTAL Peak
3	5350.020	46.20	31.77	6.05	36.88	47.14	54.00	-6.86	HORIZONTAL Average
4	5350.020	57.44	31.77	6.05	36.88	58.38	74.00	-15.62	HORIZONTAL Peak
5	5353.762	46.53	31.77	6.05	36.88	47.47	54.00	-6.53	HORIZONTAL Average
6	5359.716	56.74	31.78	6.03	36.88	57.67	74.00	-16.33	HORIZONTAL Peak

Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Race: (Discrete)	Frequency (MHz)									
	Freq	ReadAntenna	Cable	Preamp		Limit	Over	Pol/Phase	Remark	
		Level	Factor	Loss	Factor	Level	Line			Limit
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5240.000	88.66	31.75	5.74	36.87	89.28	-----	-----	VERTICAL	Average
2 *	5240.000	98.81	31.75	5.74	36.87	99.43	68.20	31.23	VERTICAL	Peak
3	5350.020	46.32	31.77	6.05	36.88	47.26	54.00	-6.74	VERTICAL	Average
4	5350.020	55.80	31.77	6.05	36.88	56.74	74.00	-17.26	VERTICAL	Peak
5	5357.589	46.44	31.78	6.03	36.88	47.37	54.00	-6.63	VERTICAL	Average
6	5358.156	57.27	31.78	6.03	36.88	58.20	74.00	-15.80	VERTICAL	Peak

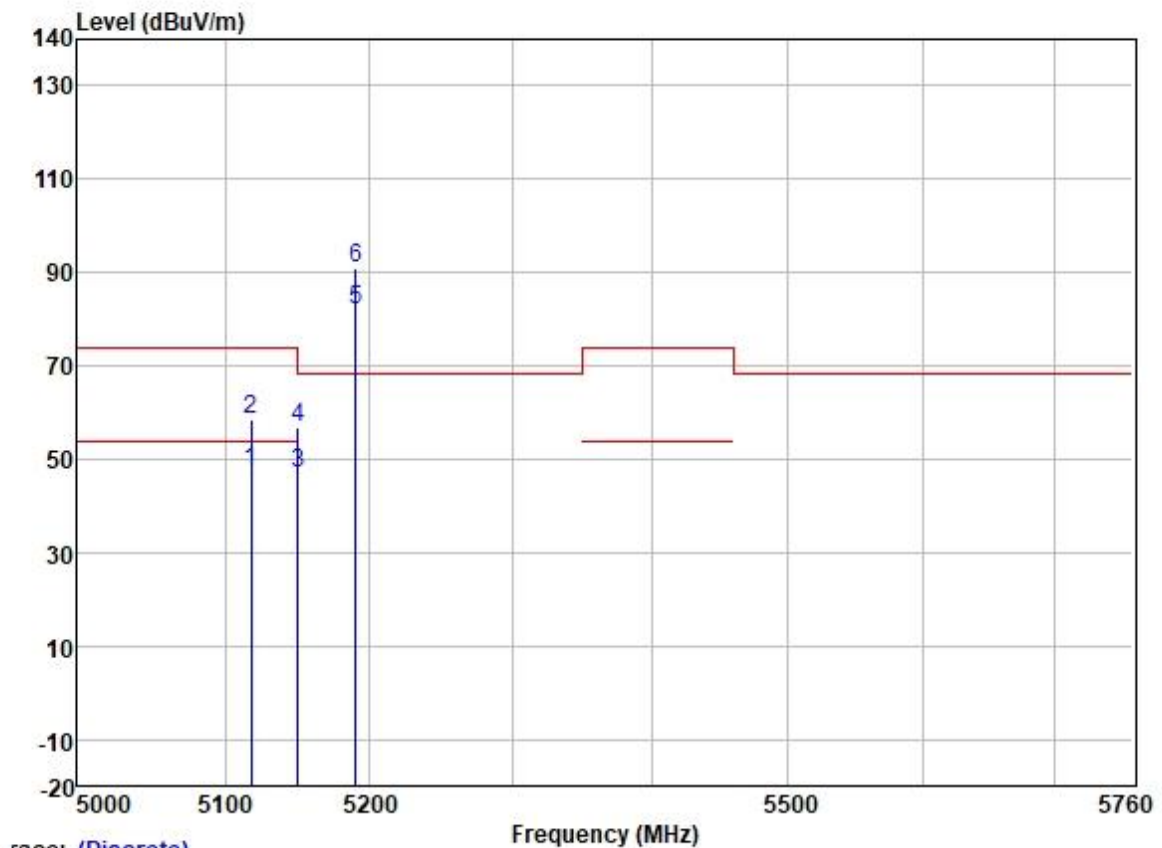
Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5140.248	58.73	31.72	5.63	36.86	59.22	74.00	-14.78	HORIZONTAL Peak
2	5144.554	46.91	31.72	5.62	36.86	47.39	54.00	-6.61	HORIZONTAL Average
3	5149.980	46.84	31.72	5.62	36.86	47.32	54.00	-6.68	HORIZONTAL Average
4	5149.980	56.86	31.72	5.62	36.86	57.34	74.00	-16.66	HORIZONTAL Peak
5	5190.000	83.35	31.73	5.60	36.87	83.81	-----	-----	HORIZONTAL Average
6 *	5190.000	92.84	31.73	5.60	36.87	93.30	68.20	25.10	HORIZONTAL Peak

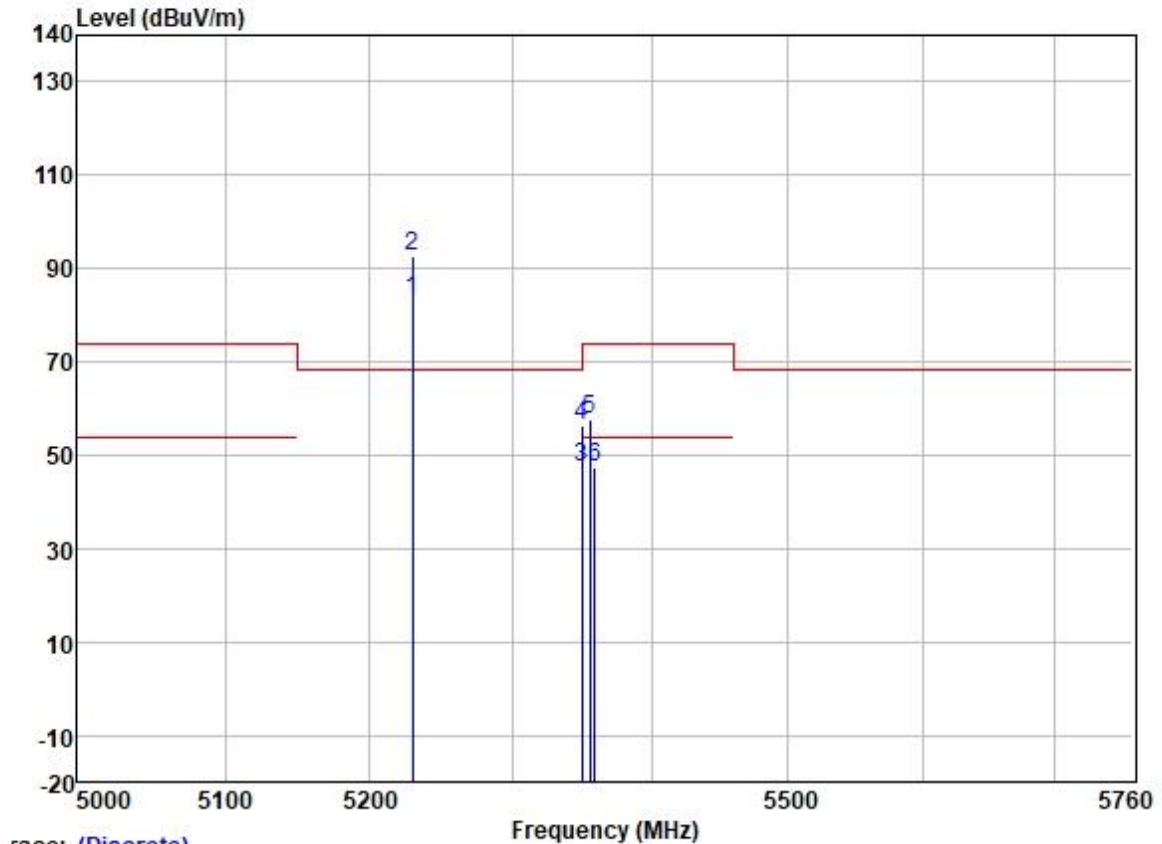
Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5117.704	46.84	31.72	5.64	36.86	47.34	54.00	-6.66	VERTICAL Average
2	5117.704	58.03	31.72	5.64	36.86	58.53	74.00	-15.47	VERTICAL Peak
3	5149.980	46.72	31.72	5.62	36.86	47.20	54.00	-6.80	VERTICAL Average
4	5149.980	56.17	31.72	5.62	36.86	56.65	74.00	-17.35	VERTICAL Peak
5	5190.000	81.36	31.73	5.60	36.87	81.82	-----	-----	VERTICAL Average
6 *	5190.000	90.35	31.73	5.60	36.87	90.81	68.20	22.61	VERTICAL Peak

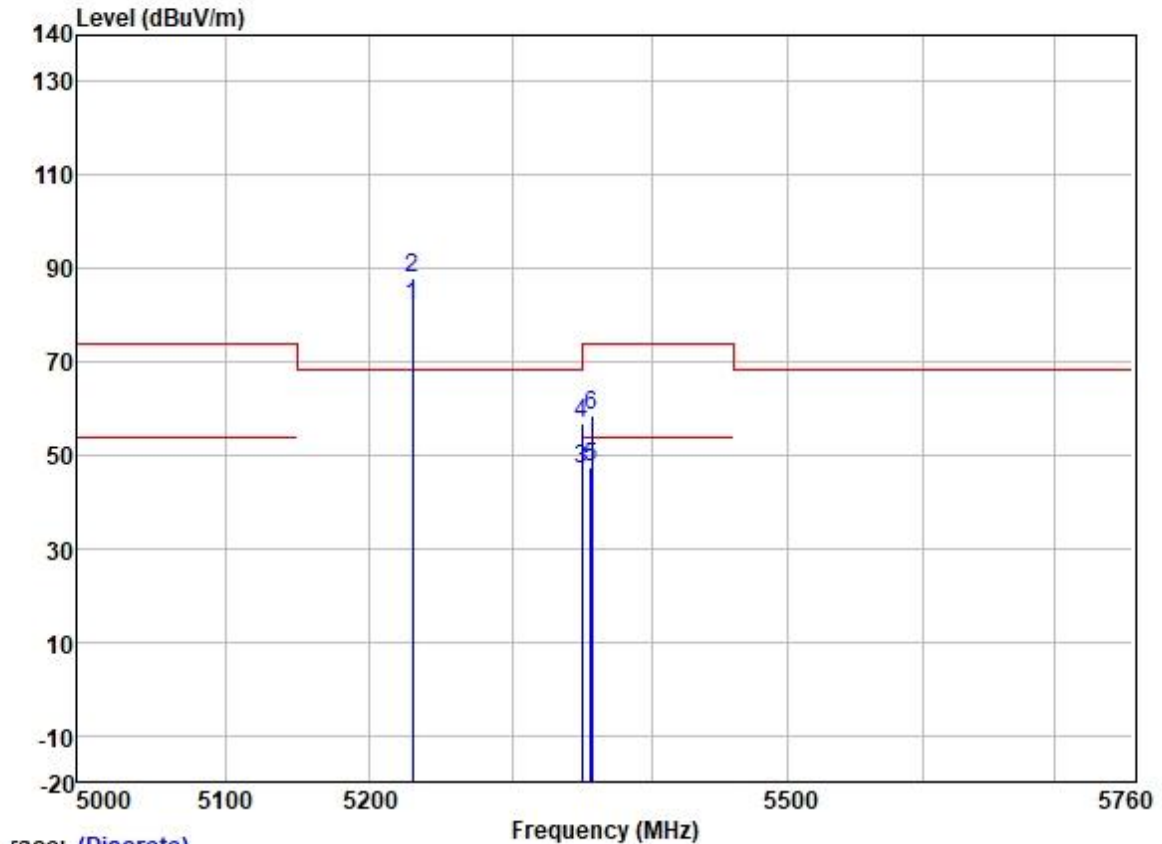
Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5230.000	82.89	31.74	5.70	36.87	83.46	-----	-----	HORIZONTAL Average
2 *	5230.000	91.86	31.74	5.70	36.87	92.43	68.20	24.23	HORIZONTAL Peak
3	5350.020	46.40	31.77	6.05	36.88	47.34	54.00	-6.66	HORIZONTAL Average
4	5350.020	55.41	31.77	6.05	36.88	56.35	74.00	-17.65	HORIZONTAL Peak
5	5355.616	56.90	31.78	6.03	36.88	57.83	74.00	-16.17	HORIZONTAL Peak
6	5359.025	46.37	31.78	6.03	36.88	47.30	54.00	-6.70	HORIZONTAL Average

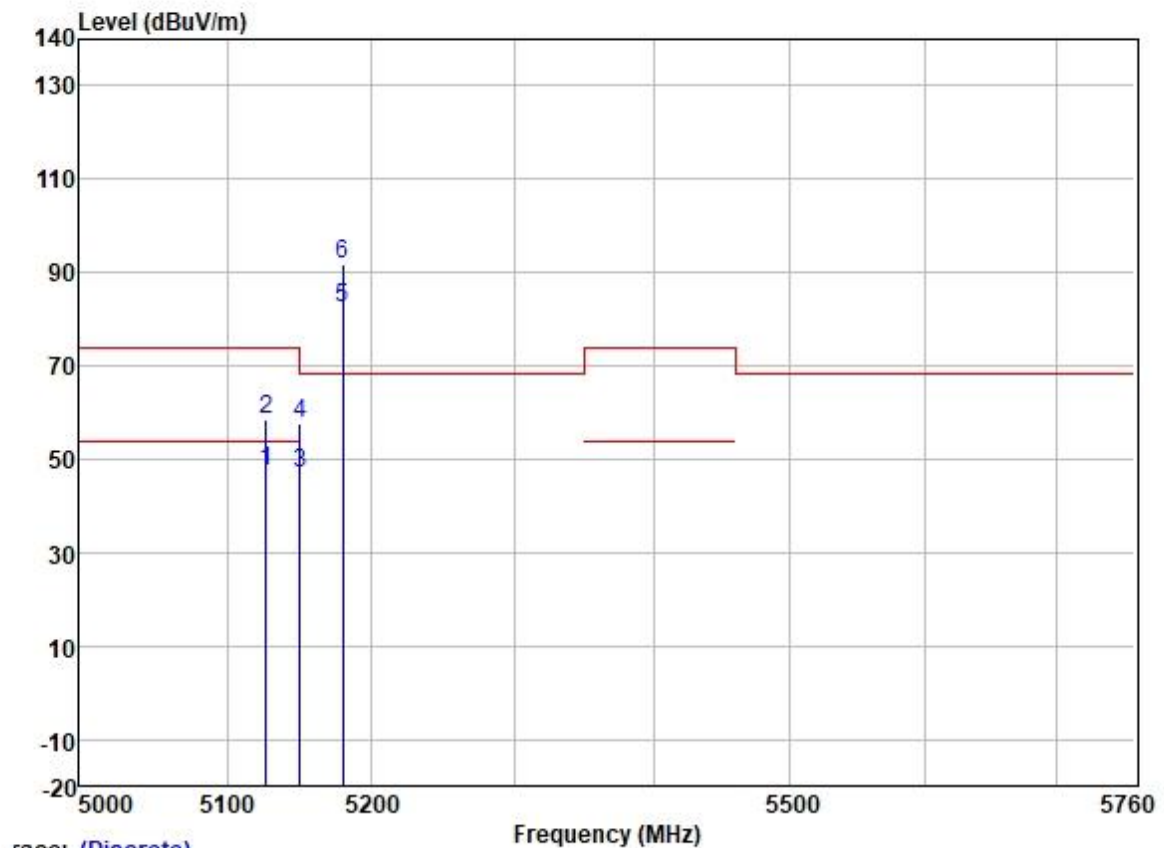
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Trace: (Discrete)

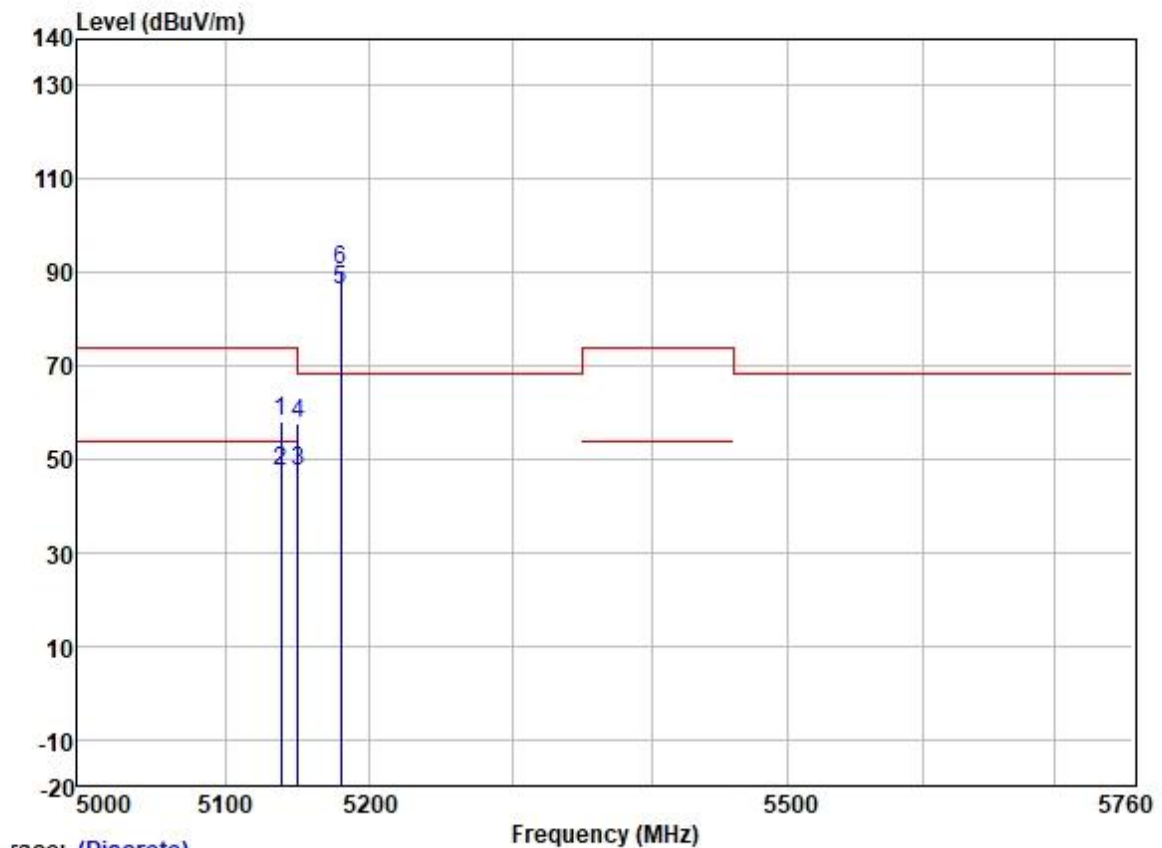
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5230.000	81.56	31.74	5.70	36.87	82.13	-----	-----	VERTICAL	Average
2 *	5230.000	87.20	31.74	5.70	36.87	87.77	68.20	19.57	VERTICAL	Peak
3	5350.020	46.25	31.77	6.05	36.88	47.19	54.00	-6.81	VERTICAL	Average
4	5350.020	55.67	31.77	6.05	36.88	56.61	74.00	-17.39	VERTICAL	Peak
5	5356.265	46.42	31.78	6.03	36.88	47.35	54.00	-6.65	VERTICAL	Average
6	5356.915	57.43	31.78	6.03	36.88	58.36	74.00	-15.64	VERTICAL	Peak

Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5127.008	46.84	31.72	5.63	36.86	47.33	54.00	-6.67	HORIZONTAL Average
2	5127.008	57.81	31.72	5.63	36.86	58.30	74.00	-15.70	HORIZONTAL Peak
3	5149.980	46.70	31.72	5.62	36.86	47.18	54.00	-6.82	HORIZONTAL Average
4	5149.980	57.14	31.72	5.62	36.86	57.62	74.00	-16.38	HORIZONTAL Peak
5	5180.000	82.14	31.73	5.61	36.87	82.61	-----	-----	HORIZONTAL Average
6 *	5180.000	91.44	31.73	5.61	36.87	91.91	68.20	23.71	HORIZONTAL Peak

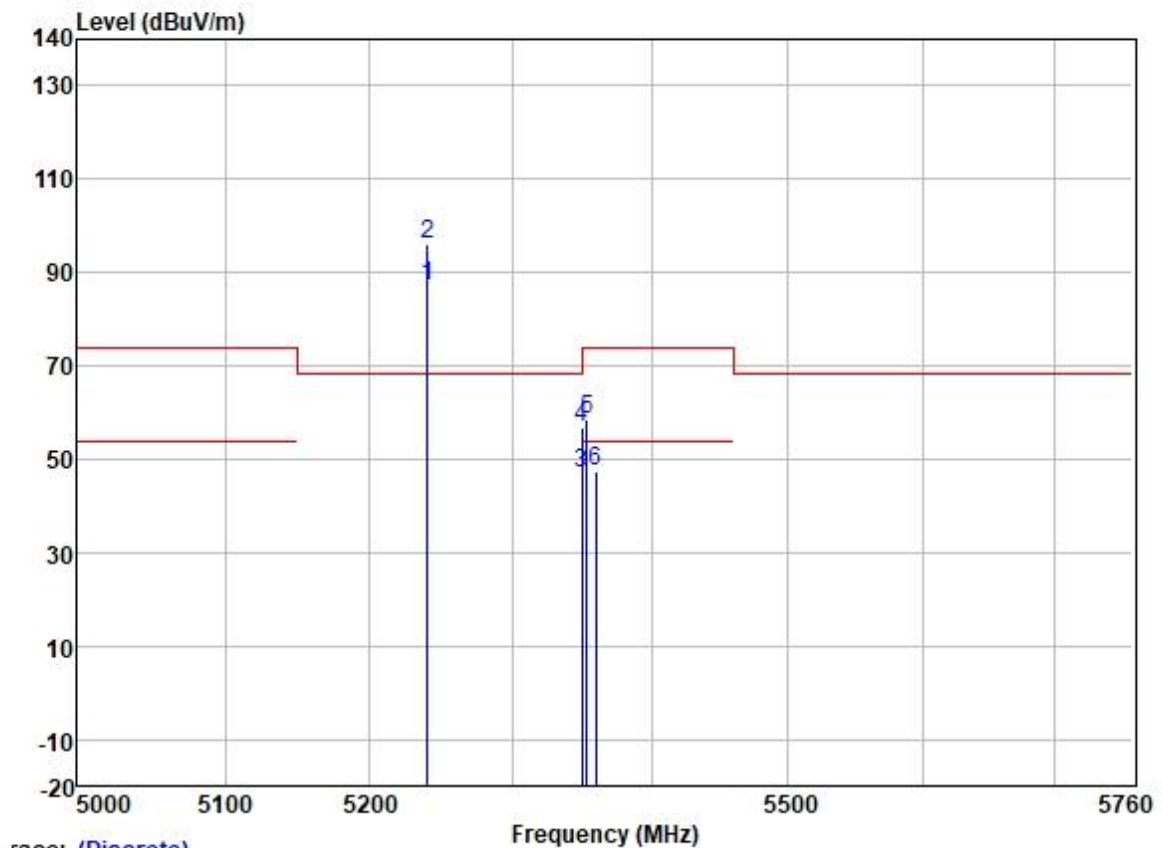
Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5138.271	57.61	31.72	5.63	36.86	58.10	74.00	-15.90	VERTICAL
2	5138.669	46.90	31.72	5.63	36.86	47.39	54.00	-6.61	VERTICAL
3	5149.980	46.74	31.72	5.62	36.86	47.22	54.00	-6.78	VERTICAL
4	5149.980	57.28	31.72	5.62	36.86	57.76	74.00	-16.24	VERTICAL
5	5180.000	85.77	31.73	5.61	36.87	86.24	-----	-----	VERTICAL
6 *	5180.000	89.84	31.73	5.61	36.87	90.31	68.20	22.11	VERTICAL

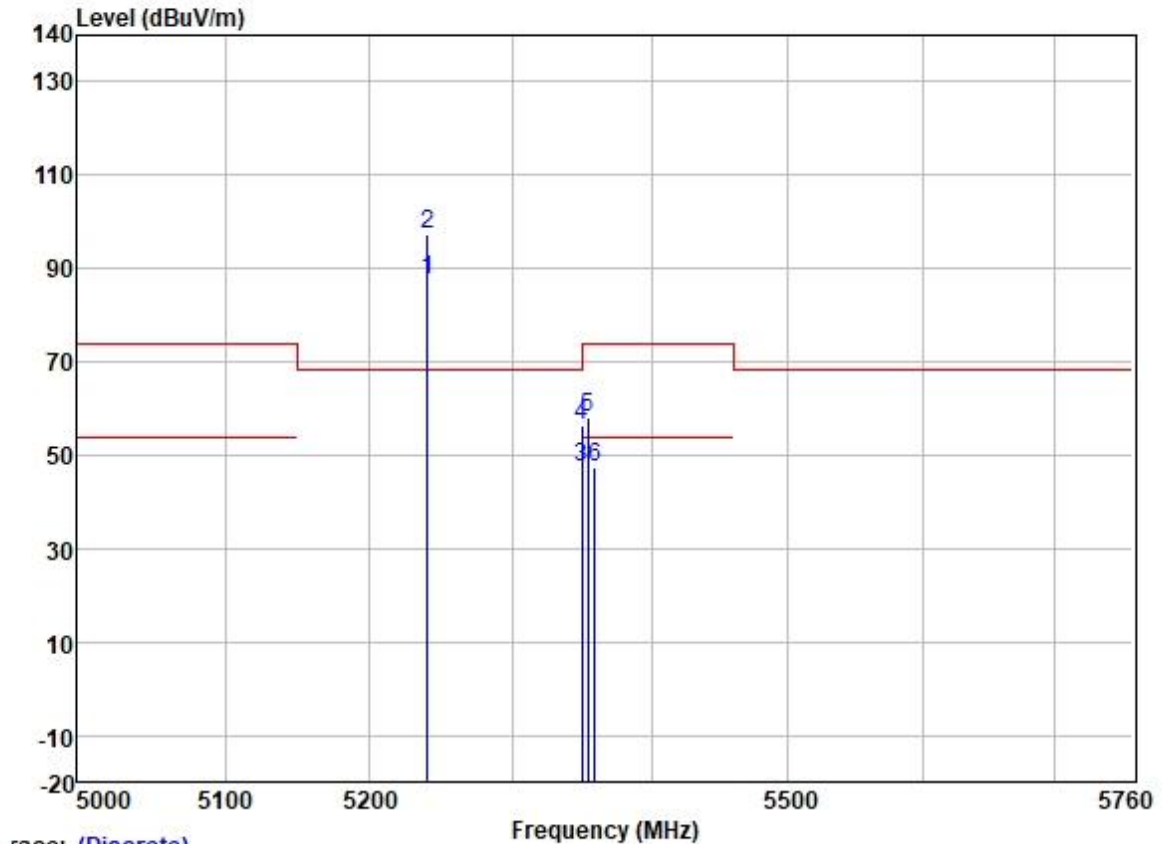
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5240.000	86.65	31.75	5.74	36.87	87.27	-----	-----	HORIZONTAL Average
2 *	5240.000	95.60	31.75	5.74	36.87	96.22	68.20	28.02	HORIZONTAL Peak
3	5350.020	46.15	31.77	6.05	36.88	47.09	54.00	-6.91	HORIZONTAL Average
4	5350.020	55.97	31.77	6.05	36.88	56.91	74.00	-17.09	HORIZONTAL Peak
5	5353.053	57.44	31.77	6.05	36.88	58.38	74.00	-15.62	HORIZONTAL Peak
6	5359.433	46.40	31.78	6.03	36.88	47.33	54.00	-6.67	HORIZONTAL Average

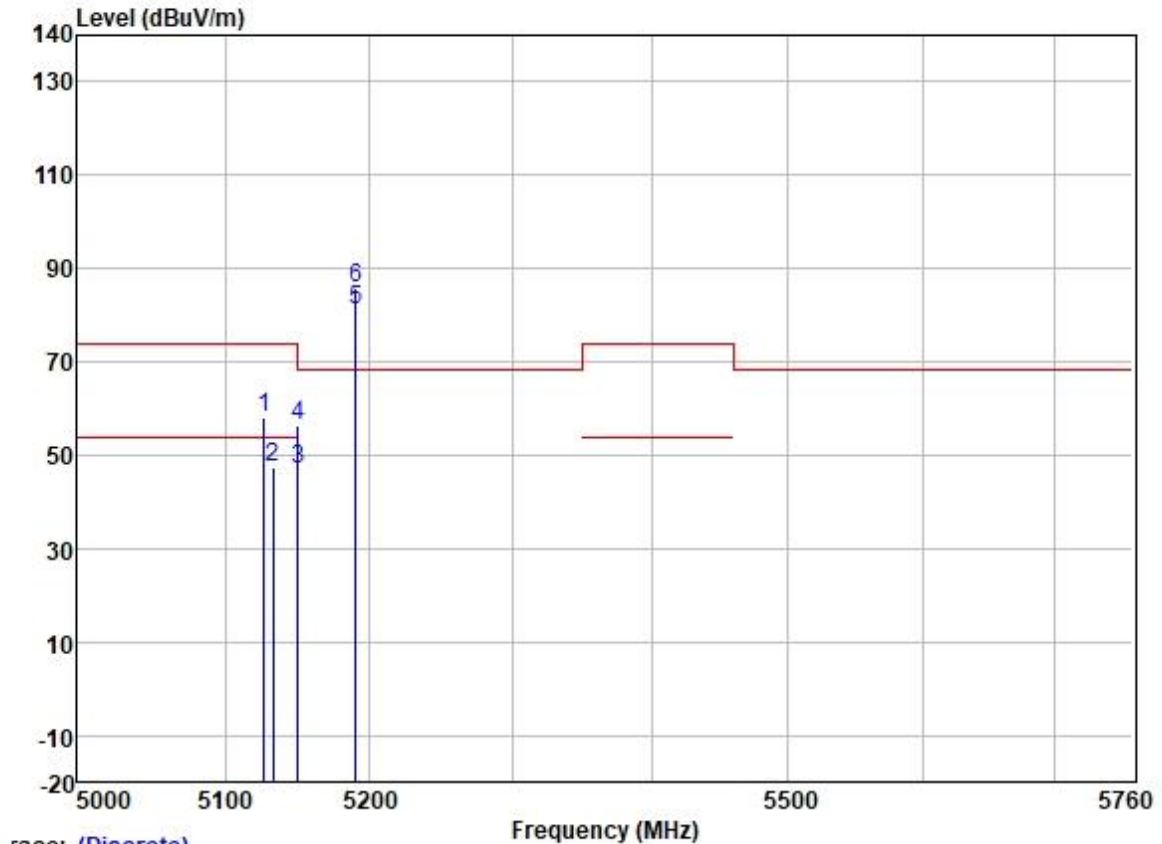
Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5240.000	86.80	31.75	5.74	36.87	87.42	-----	-----	VERTICAL Average
2 *	5240.000	96.57	31.75	5.74	36.87	97.19	68.20	28.99	VERTICAL Peak
3	5350.020	46.32	31.77	6.05	36.88	47.26	54.00	-6.74	VERTICAL Average
4	5350.020	55.62	31.77	6.05	36.88	56.56	74.00	-17.44	VERTICAL Peak
5	5353.762	57.35	31.77	6.05	36.88	58.29	74.00	-15.71	VERTICAL Peak
6	5359.291	46.48	31.78	6.03	36.88	47.41	54.00	-6.59	VERTICAL Average

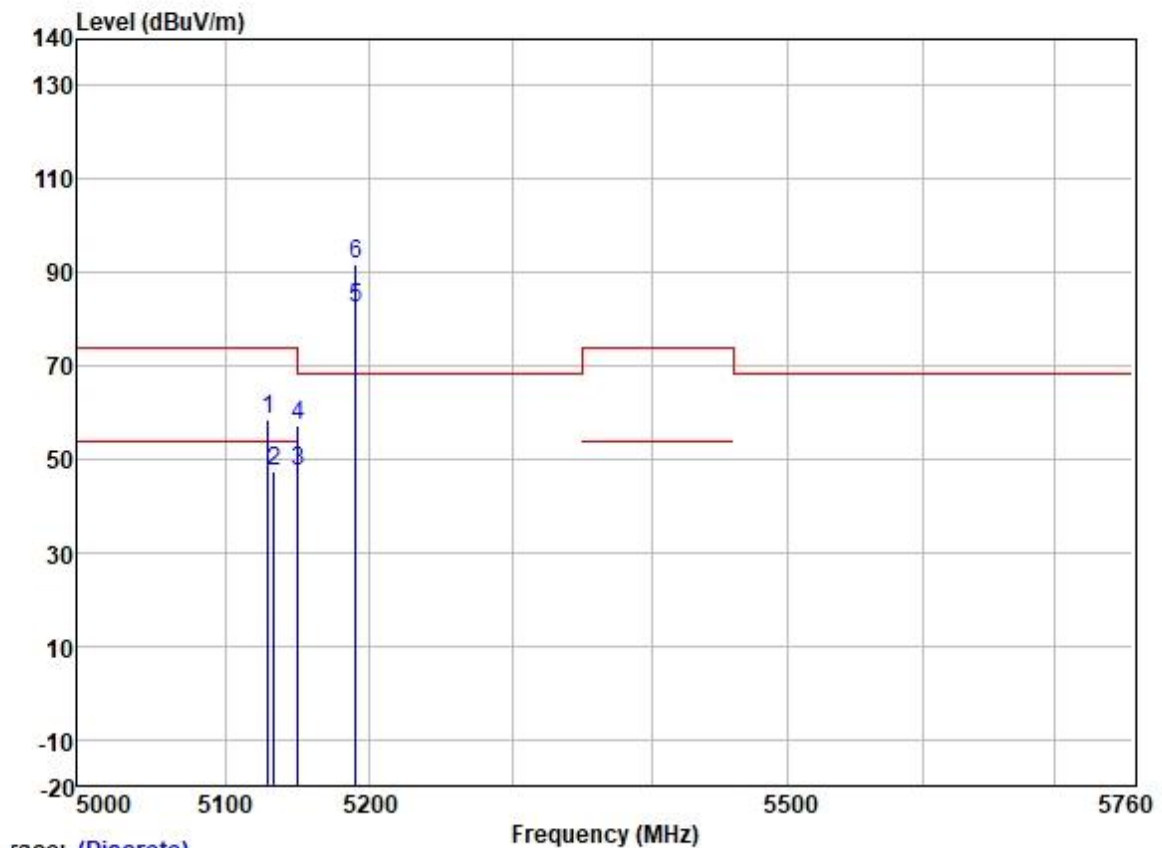
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5126.638	57.75	31.72	5.64	36.86	58.25	74.00	-15.75	HORIZONTAL Peak
2	5133.200	46.84	31.72	5.63	36.86	47.33	54.00	-6.67	HORIZONTAL Average
3	5149.980	46.71	31.72	5.62	36.86	47.19	54.00	-6.81	HORIZONTAL Average
4	5149.980	55.91	31.72	5.62	36.86	56.39	74.00	-17.61	HORIZONTAL Peak
5	5190.000	80.60	31.73	5.60	36.87	81.06	-----	-----	HORIZONTAL Average
6 *	5190.000	85.46	31.73	5.60	36.87	85.92	68.20	17.72	HORIZONTAL Peak

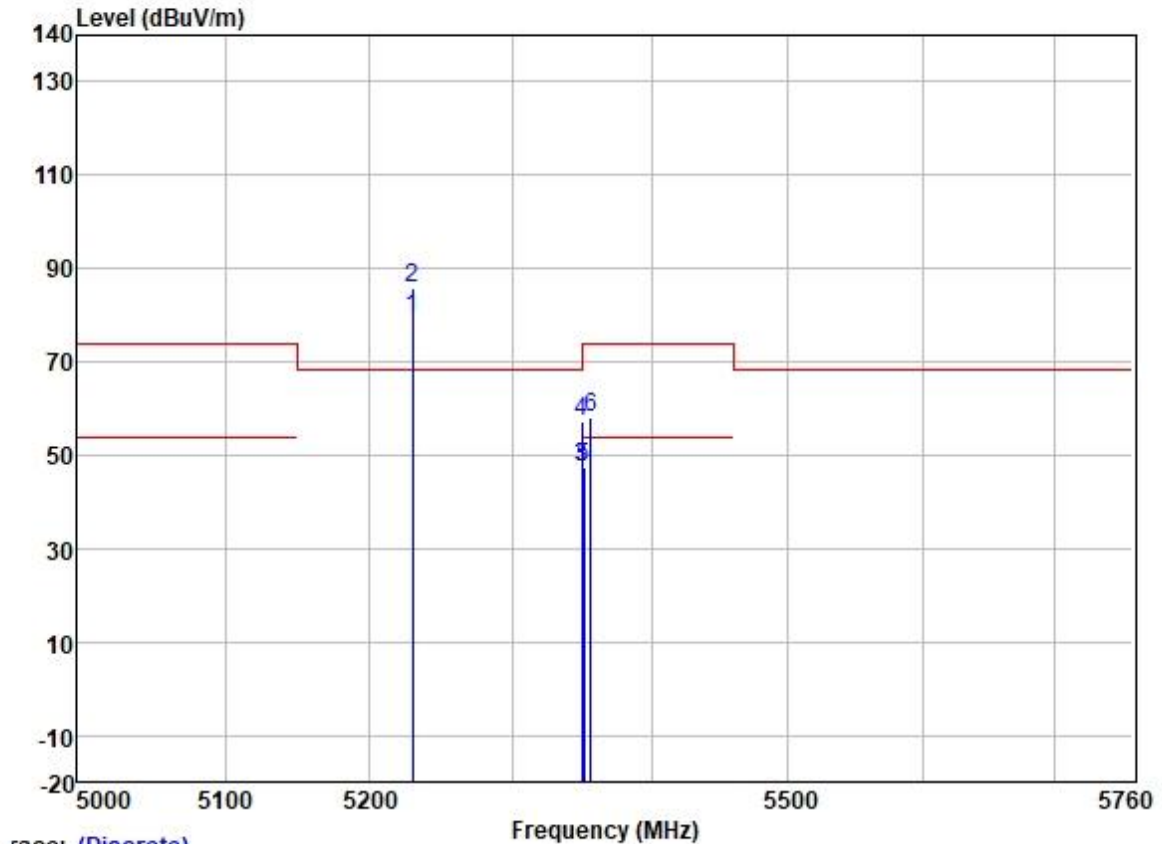
Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

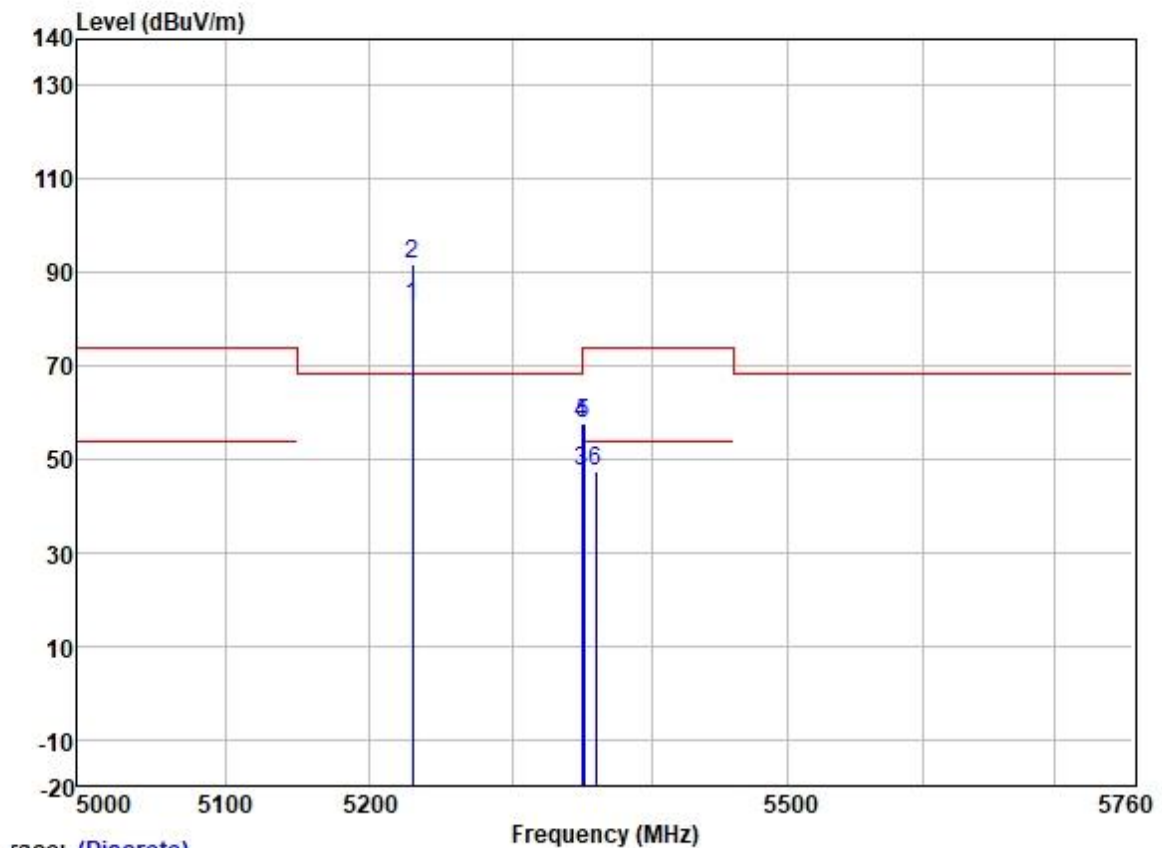
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5129.381	58.17	31.72	5.63	36.86	58.66	74.00	-15.34	VERTICAL Peak
2	5133.319	46.86	31.72	5.63	36.86	47.35	54.00	-6.65	VERTICAL Average
3	5149.980	46.82	31.72	5.62	36.86	47.30	54.00	-6.70	VERTICAL Average
4	5149.980	56.70	31.72	5.62	36.86	57.18	74.00	-16.82	VERTICAL Peak
5	5190.000	81.79	31.73	5.60	36.87	82.25	-----	-----	VERTICAL Average
6 *	5190.000	91.46	31.73	5.60	36.87	91.92	68.20	23.72	VERTICAL Peak

Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



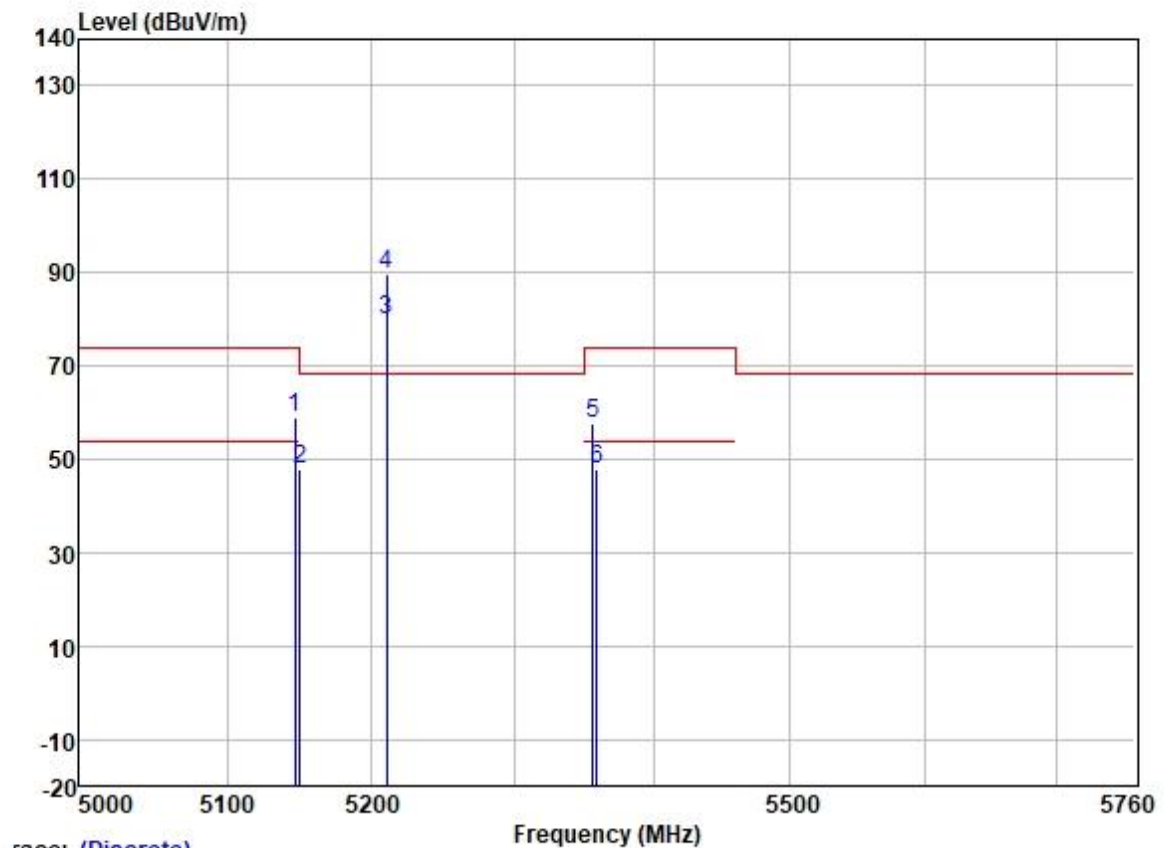
race: (Discrete)	Frequency (MHz)								
	Freq	ReadAntenna	Cable	Preamp		Limit	Over	Pol/Phase	Remark
		Level	Factor	Loss	Factor	Level	Line		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5230.000	79.00	31.74	5.70	36.87	79.57	-----	-----	HORIZONTAL Average
2 *	5230.000	85.21	31.74	5.70	36.87	85.78	68.20	17.58	HORIZONTAL Peak
3	5350.020	46.27	31.77	6.05	36.88	47.21	54.00	-6.79	HORIZONTAL Average
4	5350.020	56.35	31.77	6.05	36.88	57.29	74.00	-16.71	HORIZONTAL Peak
5	5350.911	46.40	31.77	6.05	36.88	47.34	54.00	-6.66	HORIZONTAL Average
6	5355.940	56.95	31.78	6.03	36.88	57.88	74.00	-16.12	HORIZONTAL Peak

Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



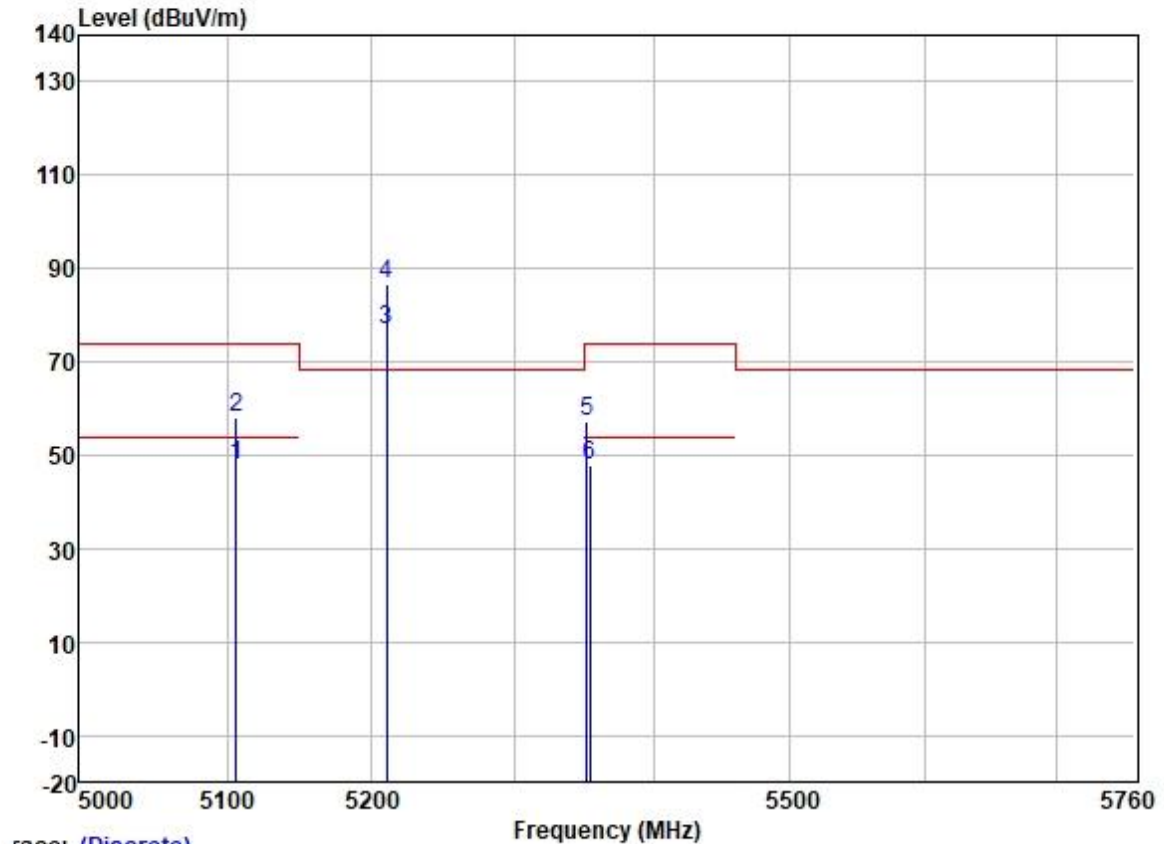
race: (Discrete)	Frequency (MHz)									
	Freq	ReadAntenna	Cable	Preamp		Limit	Over	Pol/Phase	Remark	
		Level	Factor	Loss	Factor	Level	Line			Limit
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5230.000	82.35	31.74	5.70	36.87	82.92	-----	-----	VERTICAL	Average
2 *	5230.000	91.40	31.74	5.70	36.87	91.97	68.20	23.77	VERTICAL	Peak
3	5350.020	46.35	31.77	6.05	36.88	47.29	54.00	-6.71	VERTICAL	Average
4	5350.020	56.83	31.77	6.05	36.88	57.77	74.00	-16.23	VERTICAL	Peak
5	5351.073	56.81	31.77	6.05	36.88	57.75	74.00	-16.25	VERTICAL	Peak
6	5360.000	46.48	31.78	6.03	36.88	47.41	54.00	-6.59	VERTICAL	Average

Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



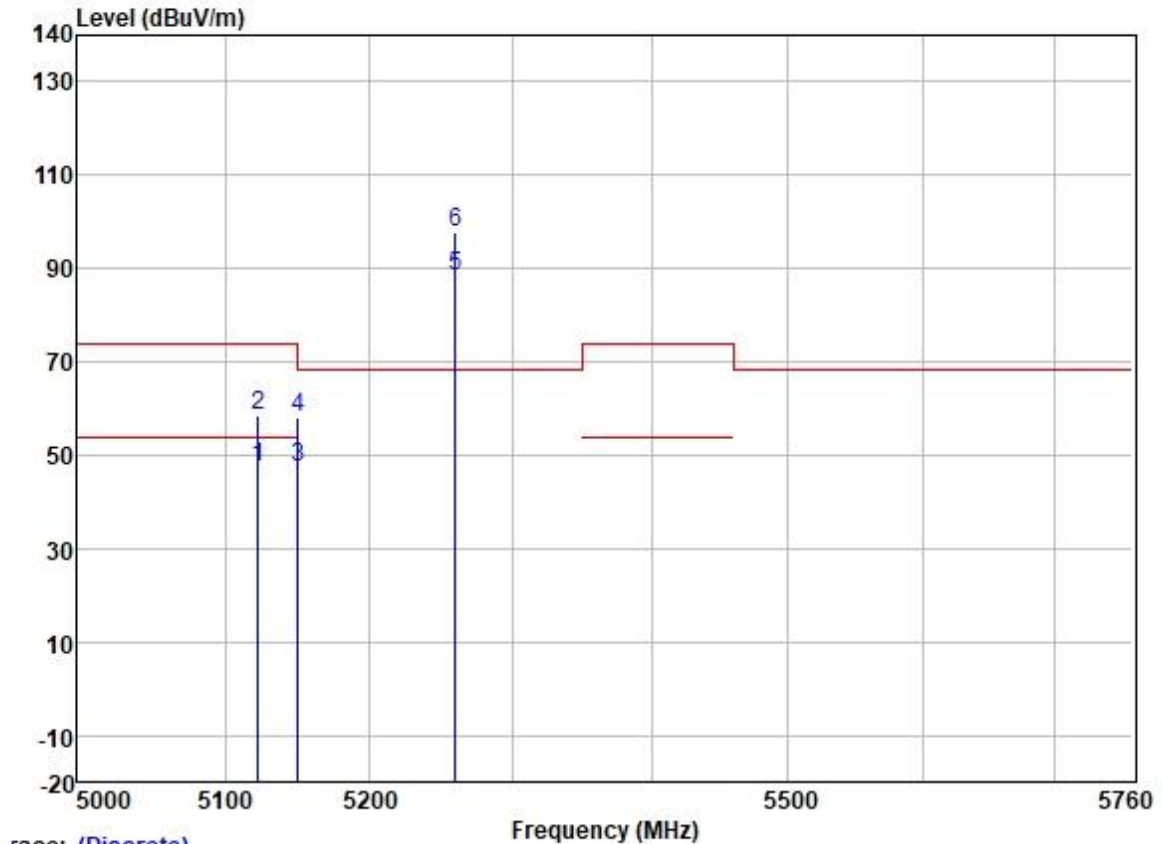
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5146.363	58.52	31.72	5.62	36.86	59.00	74.00	-15.00	HORIZONTAL Peak
2	5149.690	47.44	31.72	5.62	36.86	47.92	54.00	-6.08	HORIZONTAL Average
3	5210.000	79.53	31.74	5.65	36.87	80.05	-----	-----	HORIZONTAL Average
4 *	5210.000	89.19	31.74	5.65	36.87	89.71	68.20	21.51	HORIZONTAL Peak
5	5356.537	56.84	31.78	6.03	36.88	57.77	74.00	-16.23	HORIZONTAL Peak
6	5359.201	46.96	31.78	6.03	36.88	47.89	54.00	-6.11	HORIZONTAL Average

Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5106.090	47.31	31.72	5.65	36.86	47.82	54.00	-6.18	VERTICAL
2	5106.090	57.54	31.72	5.65	36.86	58.05	74.00	-15.95	VERTICAL
3	5210.000	76.21	31.74	5.65	36.87	76.73	-----	-----	VERTICAL
4 *	5210.000	86.24	31.74	5.65	36.87	86.76	68.20	18.56	VERTICAL
5	5351.744	56.25	31.77	6.05	36.88	57.19	74.00	-16.81	VERTICAL
6	5353.874	46.76	31.77	6.05	36.88	47.70	54.00	-6.30	VERTICAL

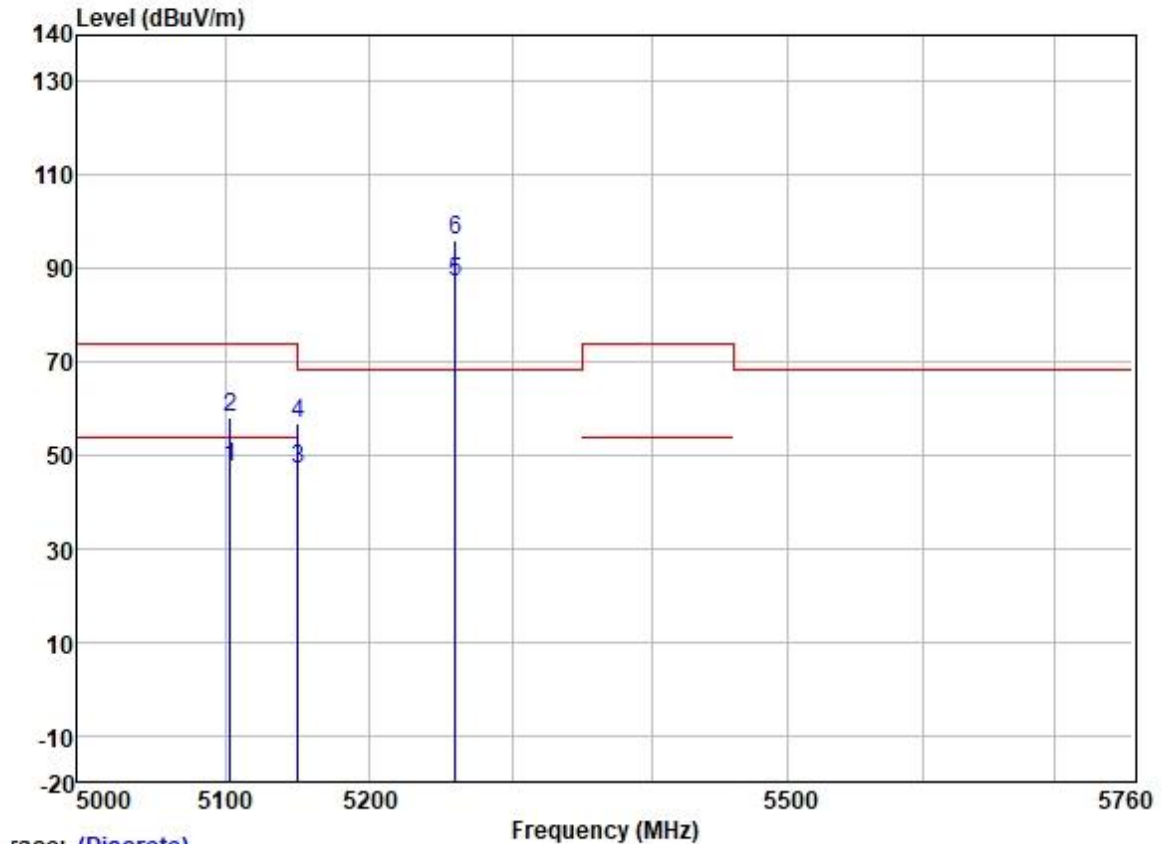
Test Mode: 12; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5122.338	46.79	31.72	5.64	36.86	47.29	54.00	-6.71	HORIZONTAL Average
2	5122.338	57.81	31.72	5.64	36.86	58.31	74.00	-15.69	HORIZONTAL Peak
3	5149.980	46.76	31.72	5.62	36.86	47.24	54.00	-6.76	HORIZONTAL Average
4	5149.980	57.50	31.72	5.62	36.86	57.98	74.00	-16.02	HORIZONTAL Peak
5	5260.000	87.74	31.75	5.77	36.87	88.39	-----	-----	HORIZONTAL Average
6 *	5260.000	97.02	31.75	5.77	36.87	97.67	68.20	29.47	HORIZONTAL Peak

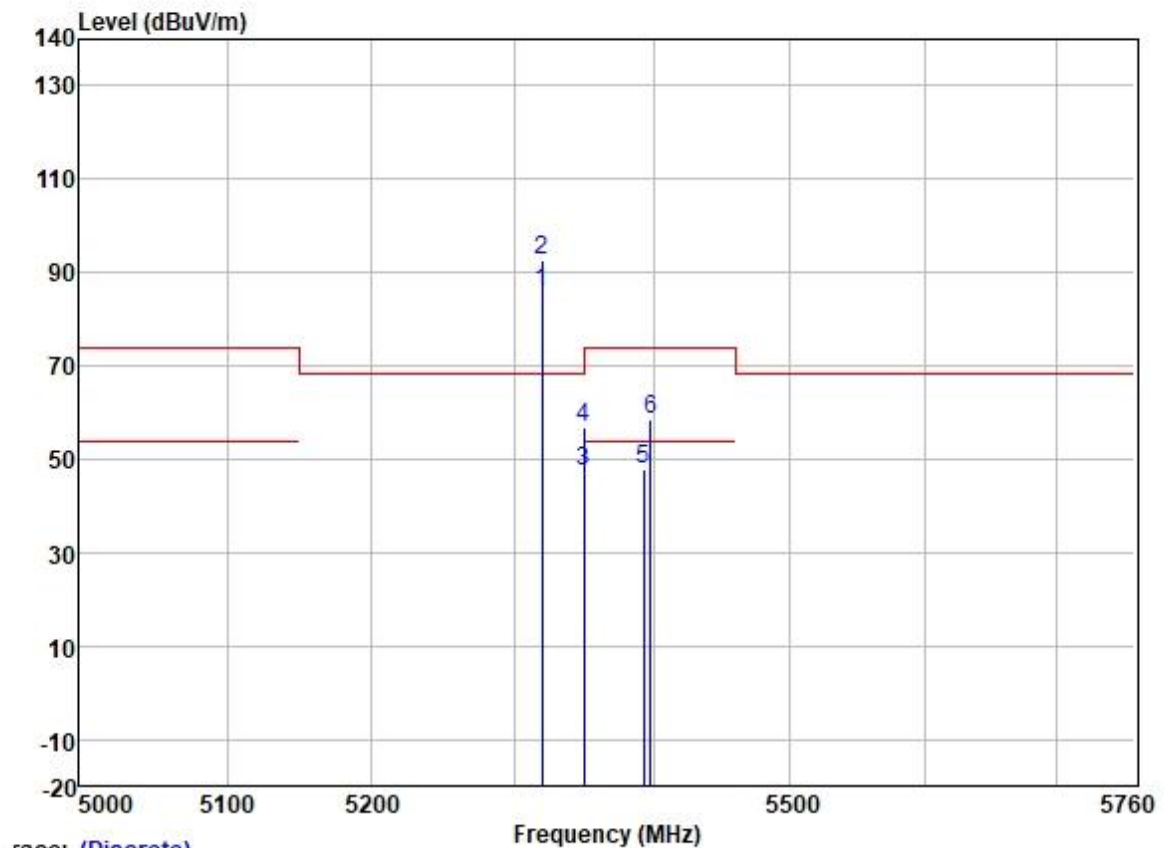
Test Mode: 12; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5103.362	46.92	31.72	5.65	36.86	47.43	54.00	-6.57	VERTICAL Average
2	5103.362	57.68	31.72	5.65	36.86	58.19	74.00	-15.81	VERTICAL Peak
3	5149.980	46.66	31.72	5.62	36.86	47.14	54.00	-6.86	VERTICAL Average
4	5149.980	56.23	31.72	5.62	36.86	56.71	74.00	-17.29	VERTICAL Peak
5	5260.000	86.42	31.75	5.77	36.87	87.07	-----	-----	VERTICAL Average
6 *	5260.000	95.43	31.75	5.77	36.87	96.08	68.20	27.88	VERTICAL Peak

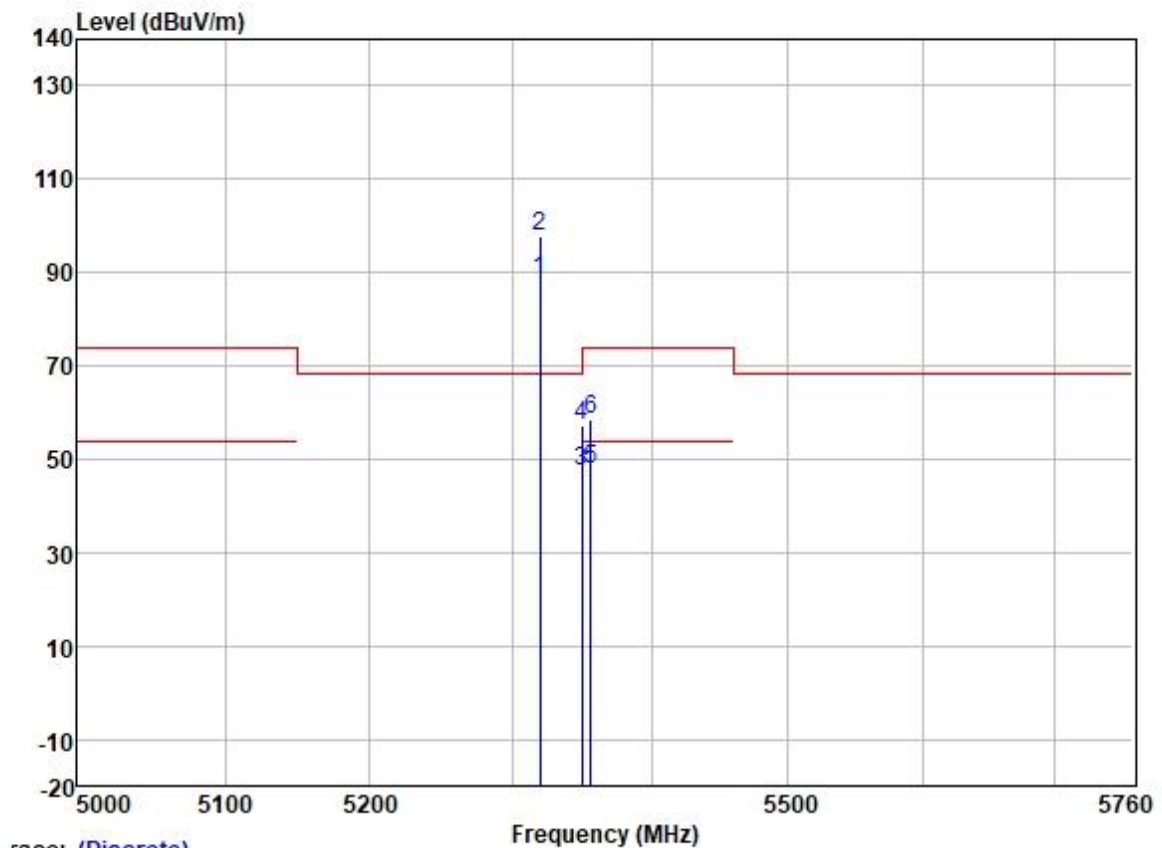
Test Mode: 12; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5320.000	84.92	31.77	6.08	36.88	85.89	-----	-----	HORIZONTAL	Average
2 *	5320.000	91.82	31.77	6.08	36.88	92.79	68.20	24.59	HORIZONTAL	Peak
3	5350.020	46.35	31.77	6.05	36.88	47.29	54.00	-6.71	HORIZONTAL	Average
4	5350.020	55.73	31.77	6.05	36.88	56.67	74.00	-17.33	HORIZONTAL	Peak
5	5392.737	46.78	31.78	6.00	36.88	47.68	54.00	-6.32	HORIZONTAL	Average
6	5397.780	57.61	31.78	6.00	36.88	58.51	74.00	-15.49	HORIZONTAL	Peak

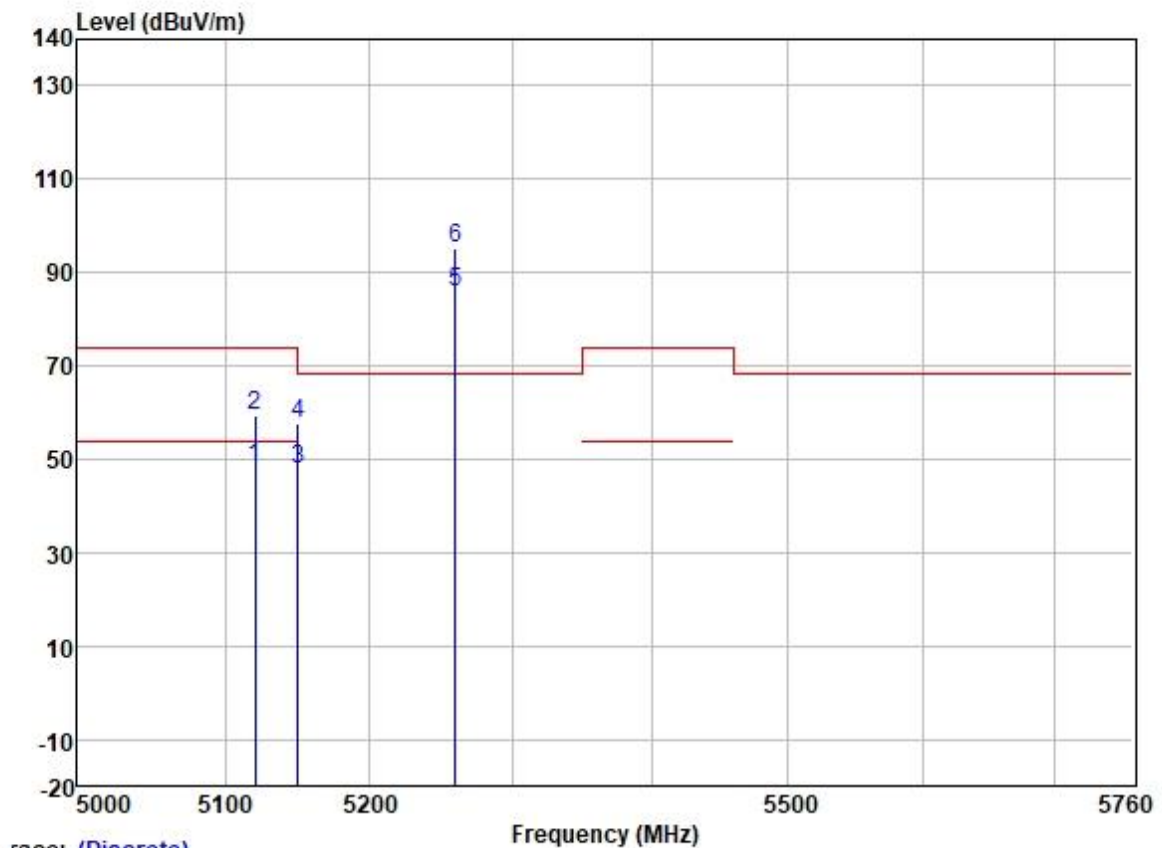
Test Mode: 12; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	87.50	31.77	6.08	36.88	88.47	-----	-----	VERTICAL Average
2	* 5320.000	96.73	31.77	6.08	36.88	97.70	68.20	29.50	VERTICAL Peak
3	5350.020	46.49	31.77	6.05	36.88	47.43	54.00	-6.57	VERTICAL Average
4	5350.020	56.21	31.77	6.05	36.88	57.15	74.00	-16.85	VERTICAL Peak
5	5355.970	46.74	31.78	6.03	36.88	47.67	54.00	-6.33	VERTICAL Average
6	5355.970	57.47	31.78	6.03	36.88	58.40	74.00	-15.60	VERTICAL Peak

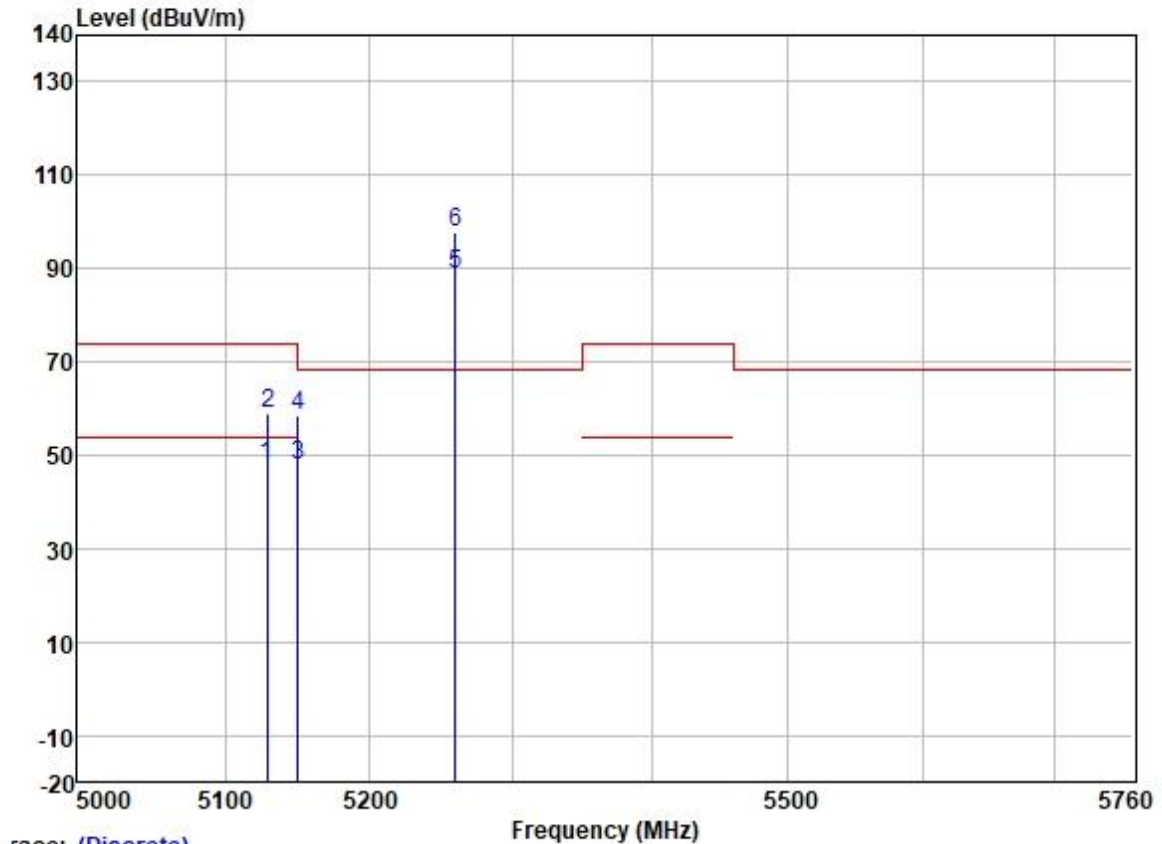
Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

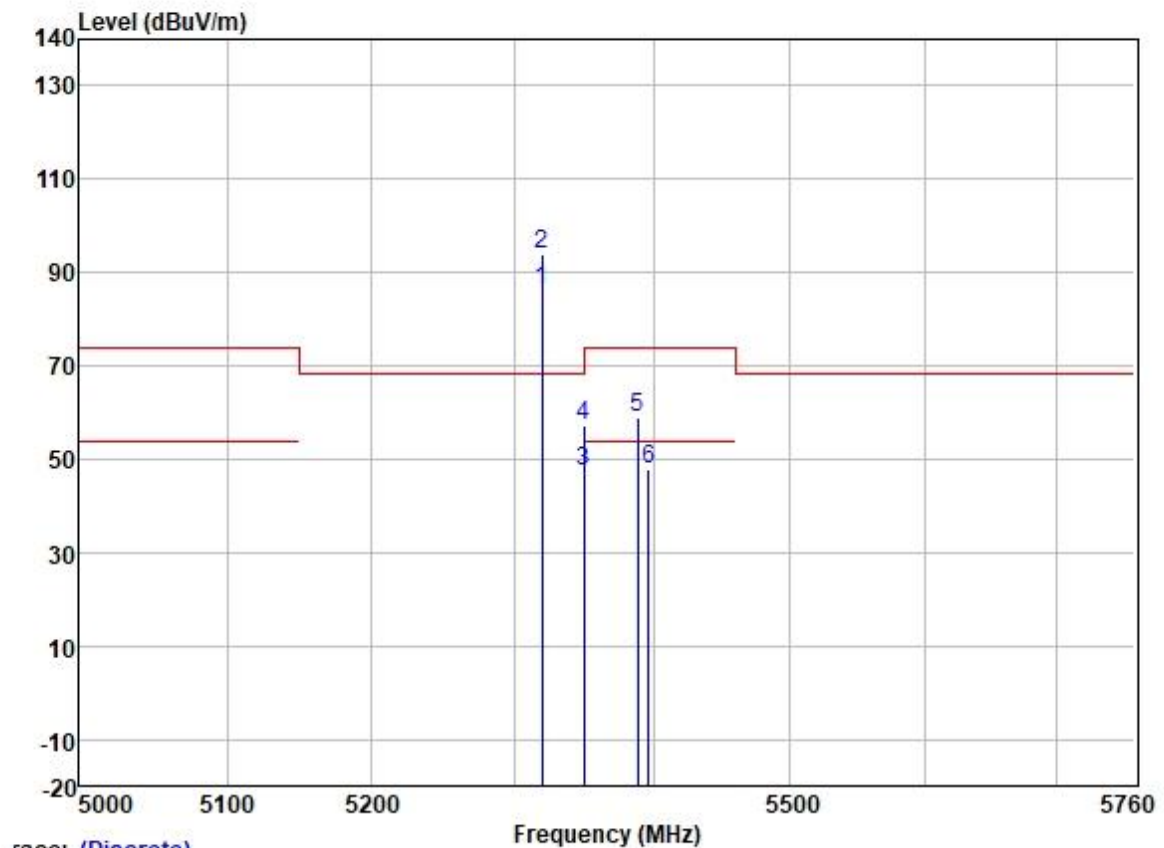
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5120.206	47.60	31.72	5.64	36.86	48.10	54.00	-5.90	HORIZONTAL Average
2	5120.206	58.77	31.72	5.64	36.86	59.27	74.00	-14.73	HORIZONTAL Peak
3	5149.980	47.47	31.72	5.62	36.86	47.95	54.00	-6.05	HORIZONTAL Average
4	5149.980	57.20	31.72	5.62	36.86	57.68	74.00	-16.32	HORIZONTAL Peak
5	5260.000	85.08	31.75	5.77	36.87	85.73	-----	-----	HORIZONTAL Average
6 *	5260.000	94.34	31.75	5.77	36.87	94.99	68.20	26.79	HORIZONTAL Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5129.094	47.29	31.72	5.63	36.86	47.78	54.00	-6.22	VERTICAL	Average
2	5129.627	58.26	31.72	5.63	36.86	58.75	74.00	-15.25	VERTICAL	Peak
3	5149.980	47.29	31.72	5.62	36.86	47.77	54.00	-6.23	VERTICAL	Average
4	5149.980	57.86	31.72	5.62	36.86	58.34	74.00	-15.66	VERTICAL	Peak
5	5260.000	88.26	31.75	5.77	36.87	88.91	-----	-----	VERTICAL	Average
6 *	5260.000	97.09	31.75	5.77	36.87	97.74	68.20	29.54	VERTICAL	Peak

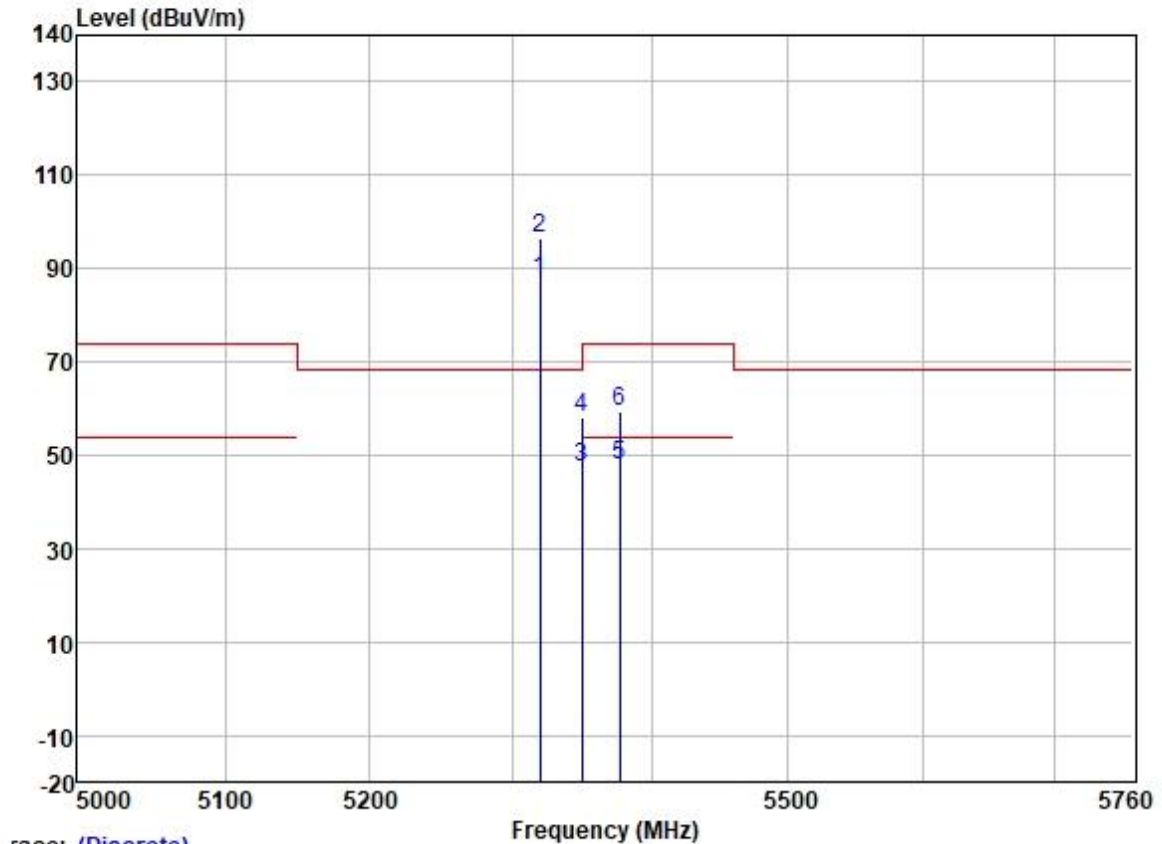
Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	85.19	31.77	6.08	36.88	86.16	-----	-----	HORIZONTAL Average
2 *	5320.000	92.76	31.77	6.08	36.88	93.73	68.20	25.53	HORIZONTAL Peak
3	5350.020	46.53	31.77	6.05	36.88	47.47	54.00	-6.53	HORIZONTAL Average
4	5350.020	56.19	31.77	6.05	36.88	57.13	74.00	-16.87	HORIZONTAL Peak
5	5388.707	58.08	31.78	6.00	36.88	58.98	74.00	-15.02	HORIZONTAL Peak
6	5396.267	47.09	31.78	6.00	36.88	47.99	54.00	-6.01	HORIZONTAL Average

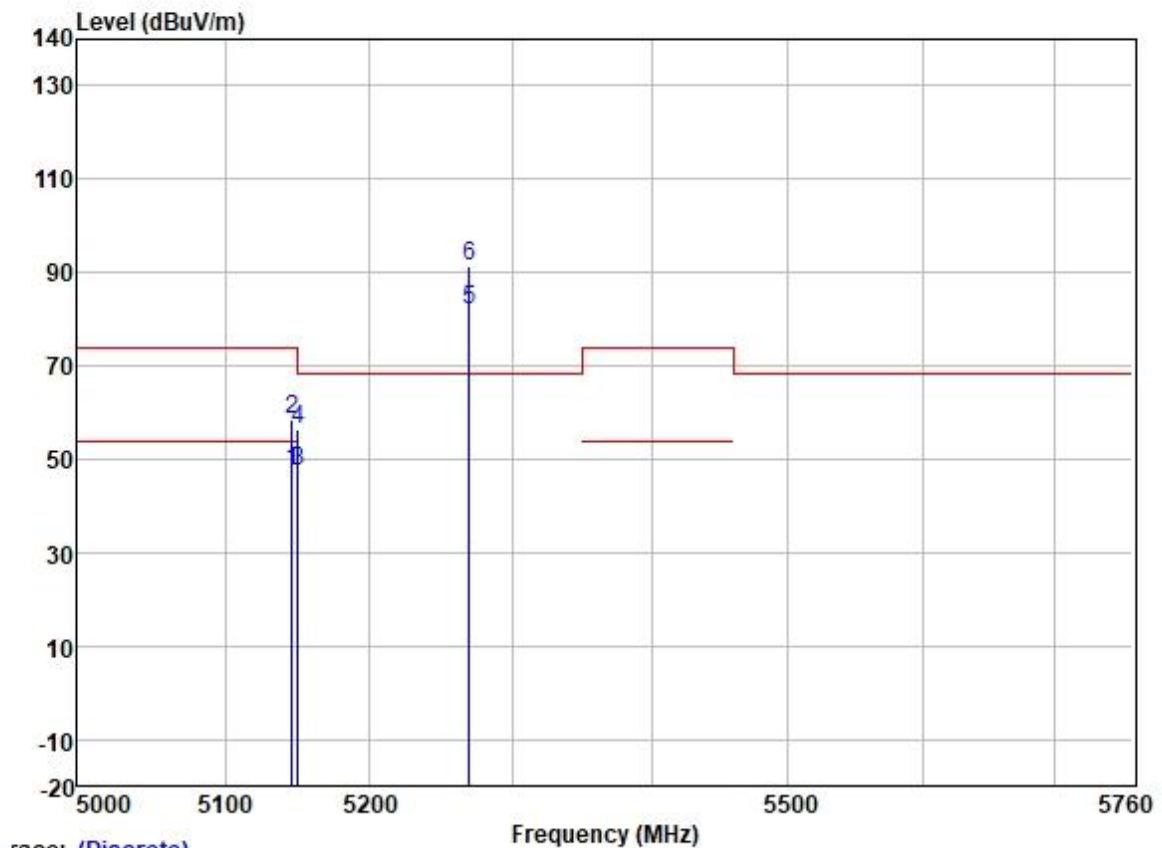
Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

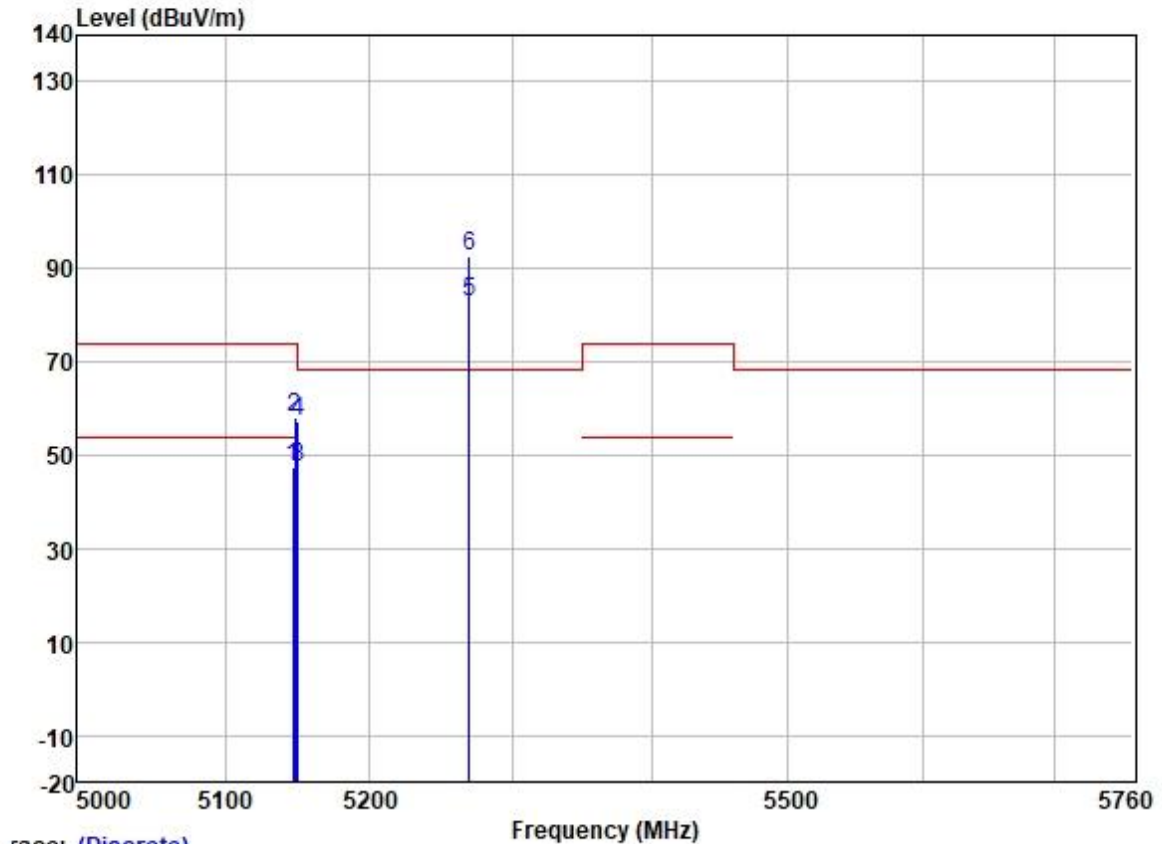
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	86.66	31.77	6.08	36.88	87.63	-----	-----	VERTICAL Average
2 *	5320.000	95.65	31.77	6.08	36.88	96.62	68.20	28.42	VERTICAL Peak
3	5350.020	46.57	31.77	6.05	36.88	47.51	54.00	-6.49	VERTICAL Average
4	5350.020	56.97	31.77	6.05	36.88	57.91	74.00	-16.09	VERTICAL Peak
5	5377.035	47.05	31.78	6.02	36.88	47.97	54.00	-6.03	VERTICAL Average
6	5377.035	58.46	31.78	6.02	36.88	59.38	74.00	-14.62	VERTICAL Peak

Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



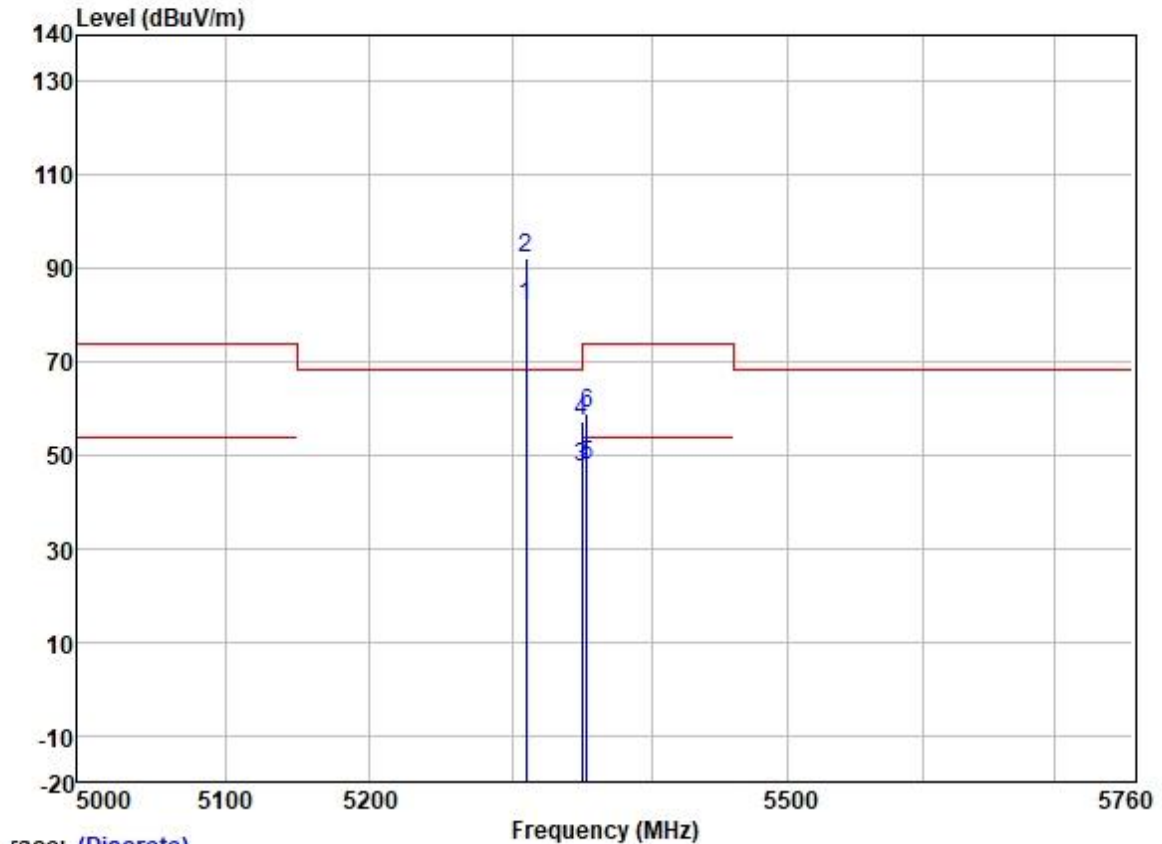
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5145.717	47.07	31.72	5.62	36.86	47.55	54.00	-6.45	HORIZONTAL	Average
2	5145.717	58.07	31.72	5.62	36.86	58.55	74.00	-15.45	HORIZONTAL	Peak
3	5149.980	46.85	31.72	5.62	36.86	47.33	54.00	-6.67	HORIZONTAL	Average
4	5149.980	56.09	31.72	5.62	36.86	56.57	74.00	-17.43	HORIZONTAL	Peak
5	5270.000	81.39	31.75	5.80	36.87	82.07	-----	-----	HORIZONTAL	Average
6 *	5270.000	90.80	31.75	5.80	36.87	91.48	68.20	23.28	HORIZONTAL	Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5146.905	47.01	31.72	5.62	36.86	47.49	54.00	-6.51	VERTICAL Average
2	5147.697	57.61	31.72	5.62	36.86	58.09	74.00	-15.91	VERTICAL Peak
3	5149.980	46.78	31.72	5.62	36.86	47.26	54.00	-6.74	VERTICAL Average
4	5149.980	56.57	31.72	5.62	36.86	57.05	74.00	-16.95	VERTICAL Peak
5	5270.000	82.28	31.75	5.80	36.87	82.96	-----	-----	VERTICAL Average
6 *	5270.000	91.79	31.75	5.80	36.87	92.47	68.20	24.27	VERTICAL Peak

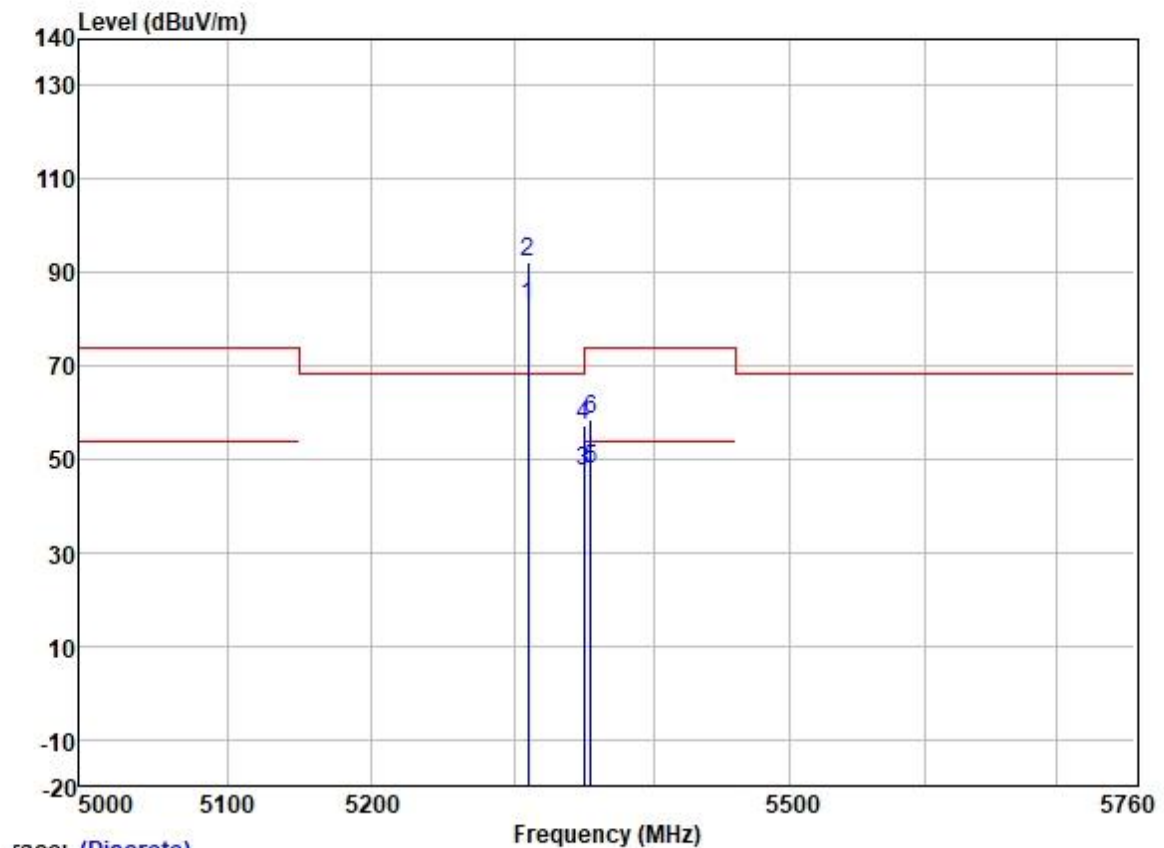
Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

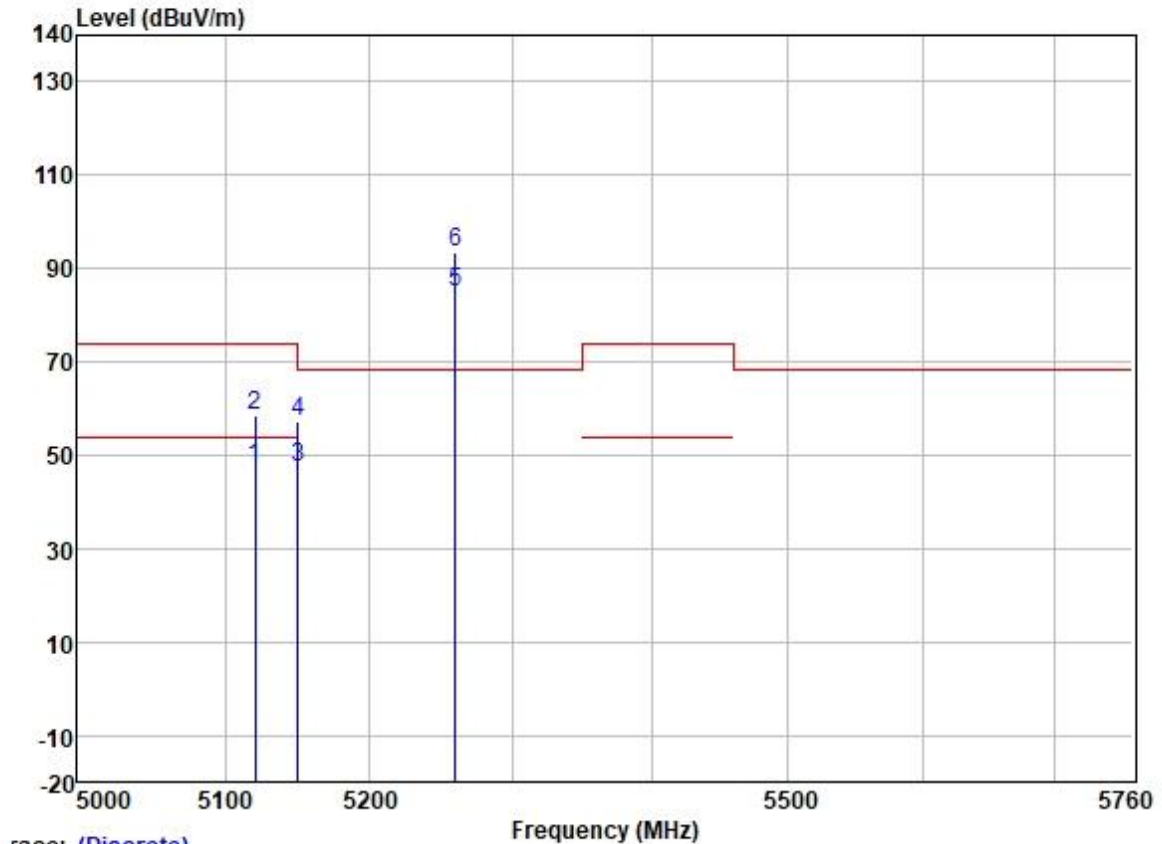
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5310.000	81.01	31.77	6.08	36.87	81.99	-----	-----	HORIZONTAL Average
2 *	5310.000	91.05	31.77	6.08	36.87	92.03	68.20	23.83	HORIZONTAL Peak
3	5350.020	46.45	31.77	6.05	36.88	47.39	54.00	-6.61	HORIZONTAL Average
4	5350.020	56.26	31.77	6.05	36.88	57.20	74.00	-16.80	HORIZONTAL Peak
5	5353.120	46.87	31.77	6.05	36.88	47.81	54.00	-6.19	HORIZONTAL Average
6	5353.120	57.81	31.77	6.05	36.88	58.75	74.00	-15.25	HORIZONTAL Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5310.000	81.88	31.77	6.08	36.87	82.86	-----	-----	VERTICAL Average
2 *	5310.000	91.12	31.77	6.08	36.87	92.10	68.20	23.90	VERTICAL Peak
3	5350.020	46.52	31.77	6.05	36.88	47.46	54.00	-6.54	VERTICAL Average
4	5350.020	56.27	31.77	6.05	36.88	57.21	74.00	-16.79	VERTICAL Peak
5	5355.045	46.88	31.78	6.03	36.88	47.81	54.00	-6.19	VERTICAL Average
6	5355.045	57.61	31.78	6.03	36.88	58.54	74.00	-15.46	VERTICAL Peak

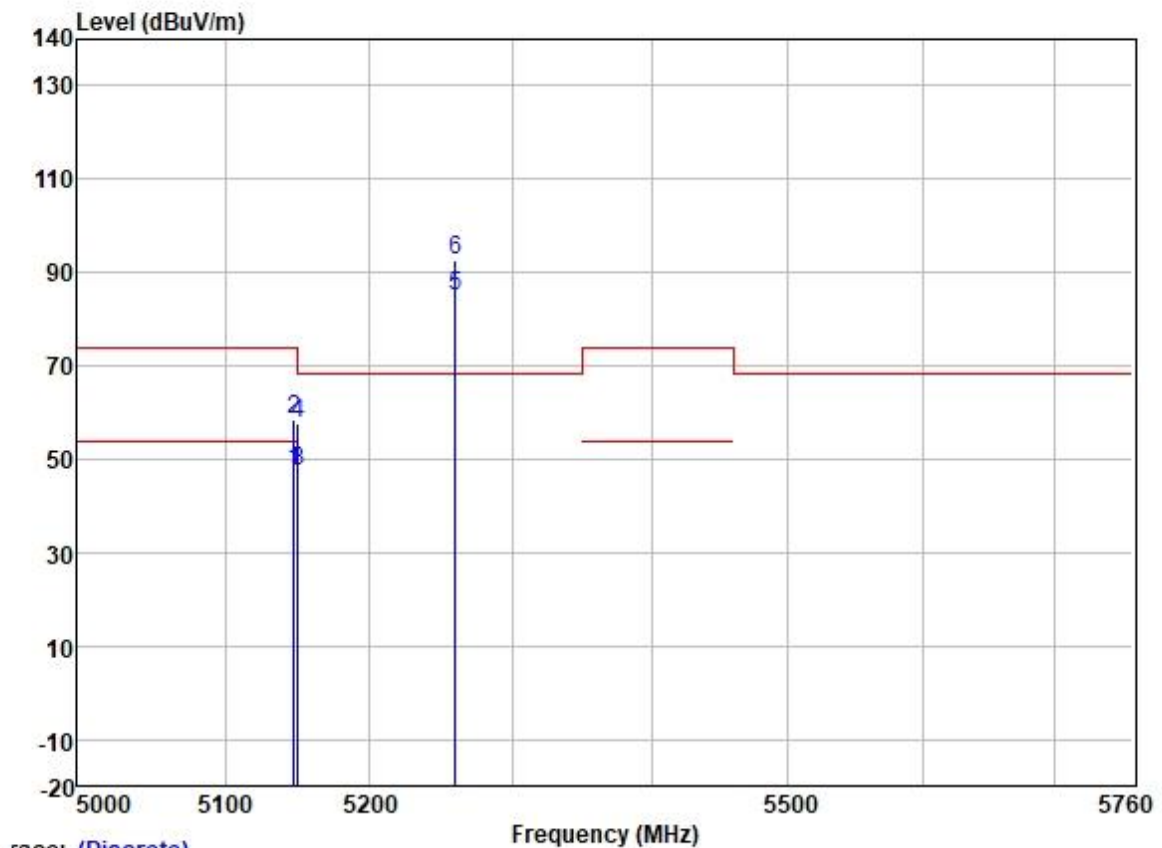
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

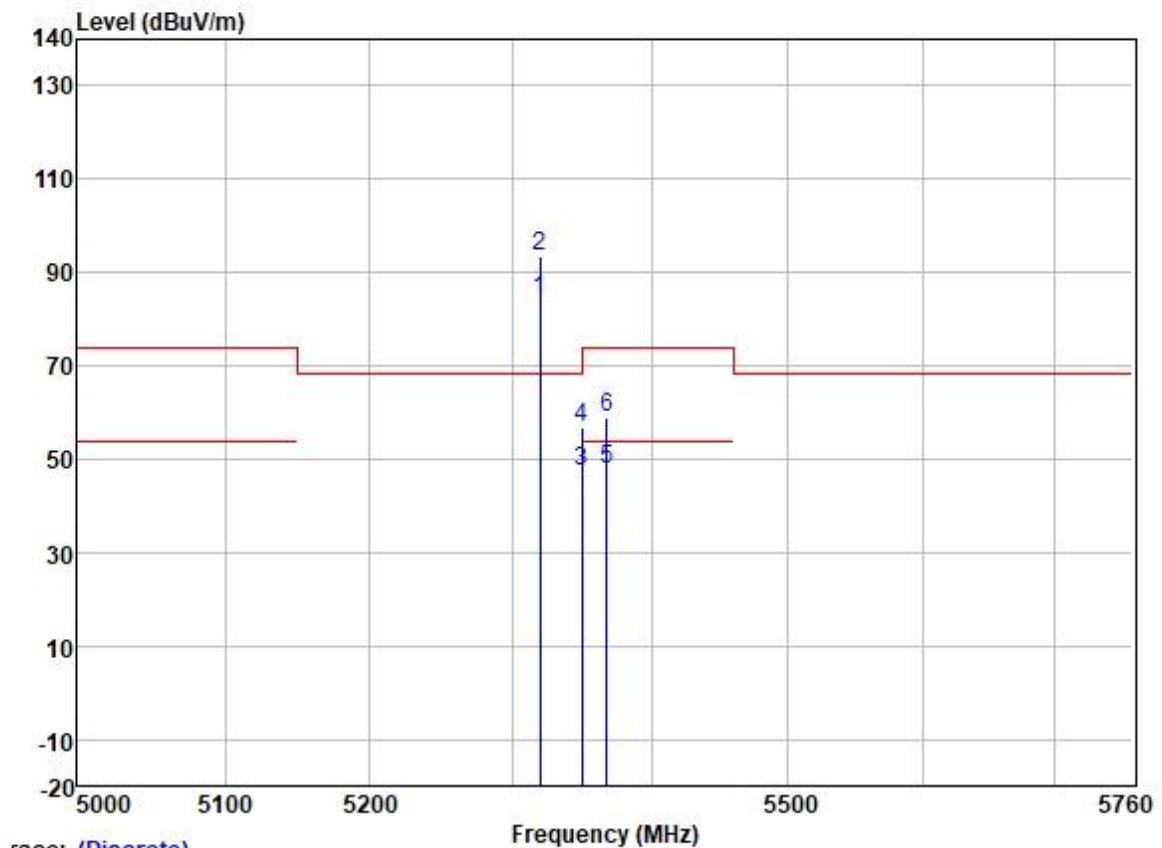
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5120.384	46.93	31.72	5.64	36.86	47.43	54.00	-6.57	HORIZONTAL Average
2	5120.384	57.92	31.72	5.64	36.86	58.42	74.00	-15.58	HORIZONTAL Peak
3	5149.980	46.82	31.72	5.62	36.86	47.30	54.00	-6.70	HORIZONTAL Average
4	5149.980	56.59	31.72	5.62	36.86	57.07	74.00	-16.93	HORIZONTAL Peak
5	5260.000	84.20	31.75	5.77	36.87	84.85	-----	-----	HORIZONTAL Average
6 *	5260.000	92.94	31.75	5.77	36.87	93.59	68.20	25.39	HORIZONTAL Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5147.094	46.97	31.72	5.62	36.86	47.45	54.00	-6.55	VERTICAL Average
2	5147.094	57.98	31.72	5.62	36.86	58.46	74.00	-15.54	VERTICAL Peak
3	5149.980	46.87	31.72	5.62	36.86	47.35	54.00	-6.65	VERTICAL Average
4	5149.980	57.10	31.72	5.62	36.86	57.58	74.00	-16.42	VERTICAL Peak
5	5260.000	84.33	31.75	5.77	36.87	84.98	-----	-----	VERTICAL Average
6 *	5260.000	92.06	31.75	5.77	36.87	92.71	68.20	24.51	VERTICAL Peak

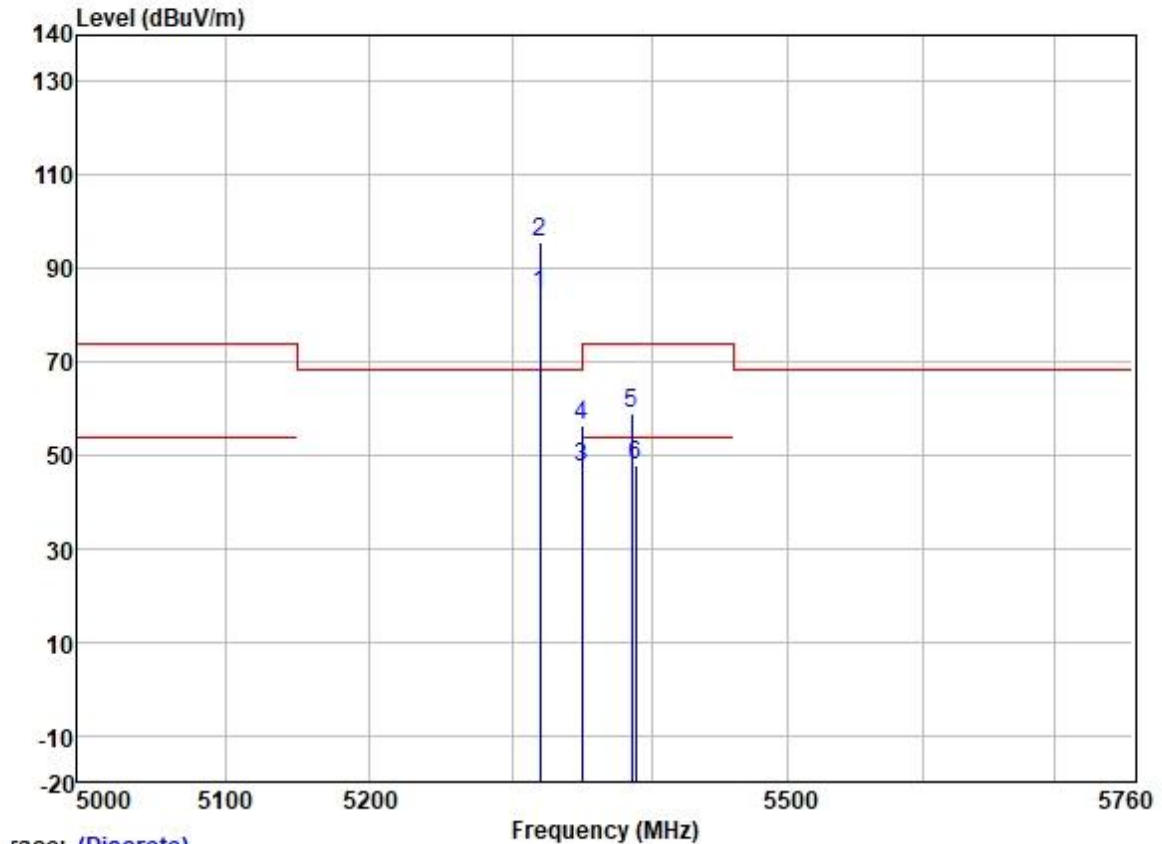
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

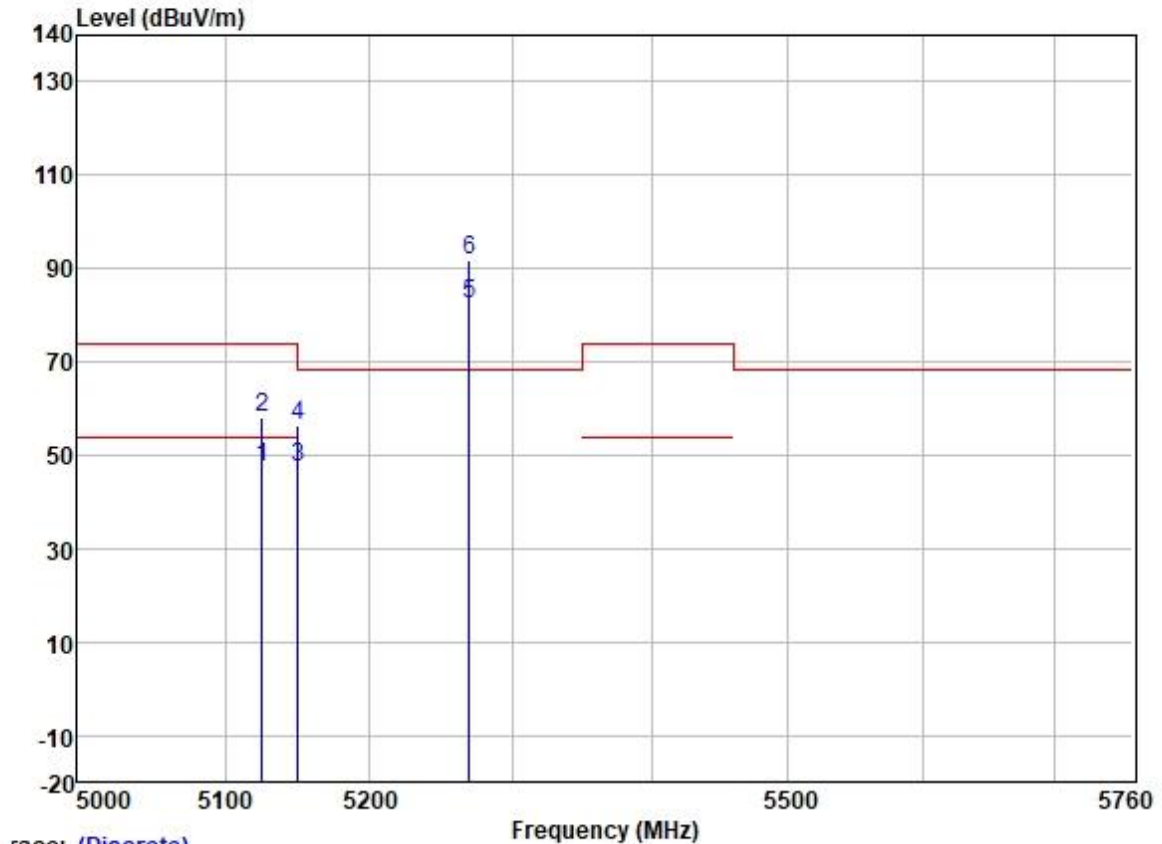
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	83.24	31.77	6.08	36.88	84.21	-----	-----	HORIZONTAL Average
2 *	5320.000	92.46	31.77	6.08	36.88	93.43	68.20	25.23	HORIZONTAL Peak
3	5350.020	46.42	31.77	6.05	36.88	47.36	54.00	-6.64	HORIZONTAL Average
4	5350.020	56.06	31.77	6.05	36.88	57.00	74.00	-17.00	HORIZONTAL Peak
5	5367.596	46.85	31.78	6.03	36.88	47.78	54.00	-6.22	HORIZONTAL Average
6	5367.596	58.21	31.78	6.03	36.88	59.14	74.00	-14.86	HORIZONTAL Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	83.63	31.77	6.08	36.88	84.60	-----	-----	VERTICAL Average
2 *	5320.000	94.72	31.77	6.08	36.88	95.69	68.20	27.49	VERTICAL Peak
3	5350.020	46.41	31.77	6.05	36.88	47.35	54.00	-6.65	VERTICAL Average
4	5350.020	55.52	31.77	6.05	36.88	56.46	74.00	-17.54	VERTICAL Peak
5	5385.484	57.95	31.78	6.00	36.88	58.85	74.00	-15.15	VERTICAL Peak
6	5388.505	46.84	31.78	6.00	36.88	47.74	54.00	-6.26	VERTICAL Average

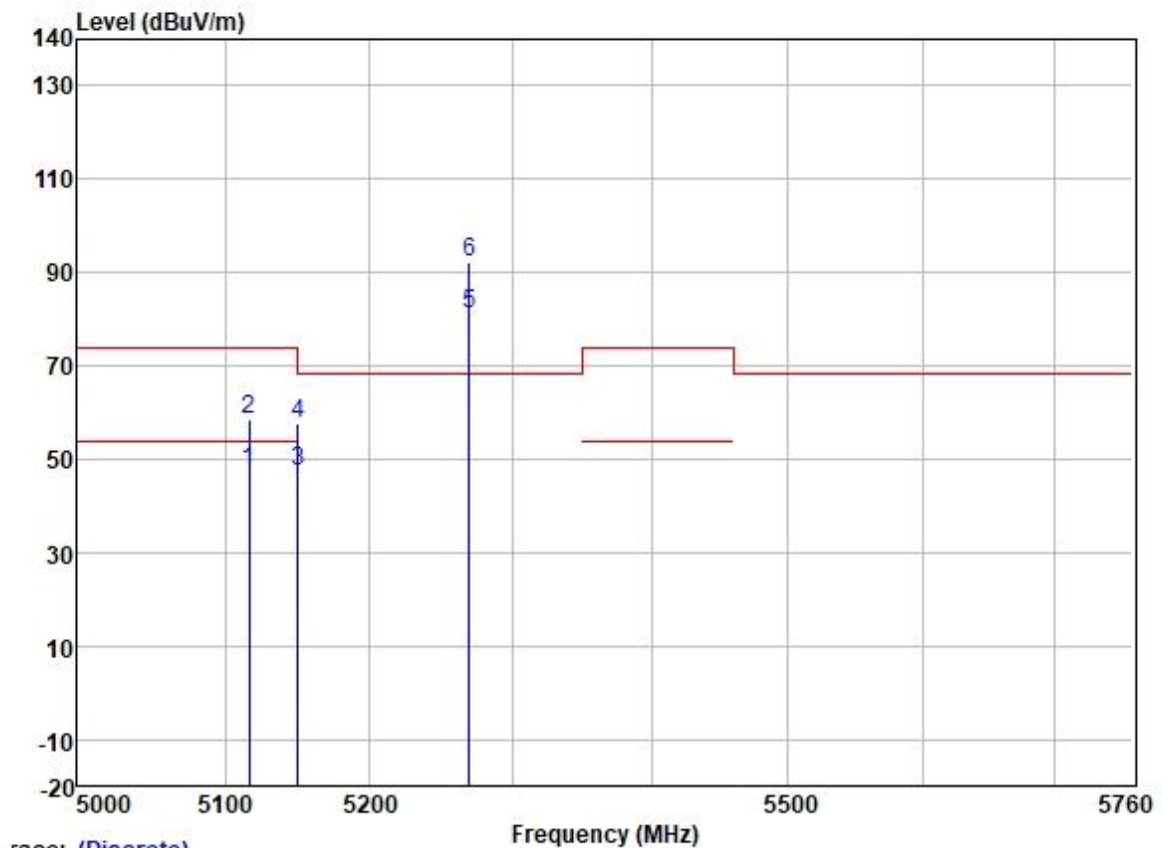
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5125.370	46.95	31.72	5.64	36.86	47.45	54.00	-6.55	HORIZONTAL Average
2	5125.370	57.52	31.72	5.64	36.86	58.02	74.00	-15.98	HORIZONTAL Peak
3	5149.980	46.84	31.72	5.62	36.86	47.32	54.00	-6.68	HORIZONTAL Average
4	5149.980	55.96	31.72	5.62	36.86	56.44	74.00	-17.56	HORIZONTAL Peak
5	5270.000	81.52	31.75	5.80	36.87	82.20	-----	-----	HORIZONTAL Average
6 *	5270.000	90.97	31.75	5.80	36.87	91.65	68.20	23.45	HORIZONTAL Peak

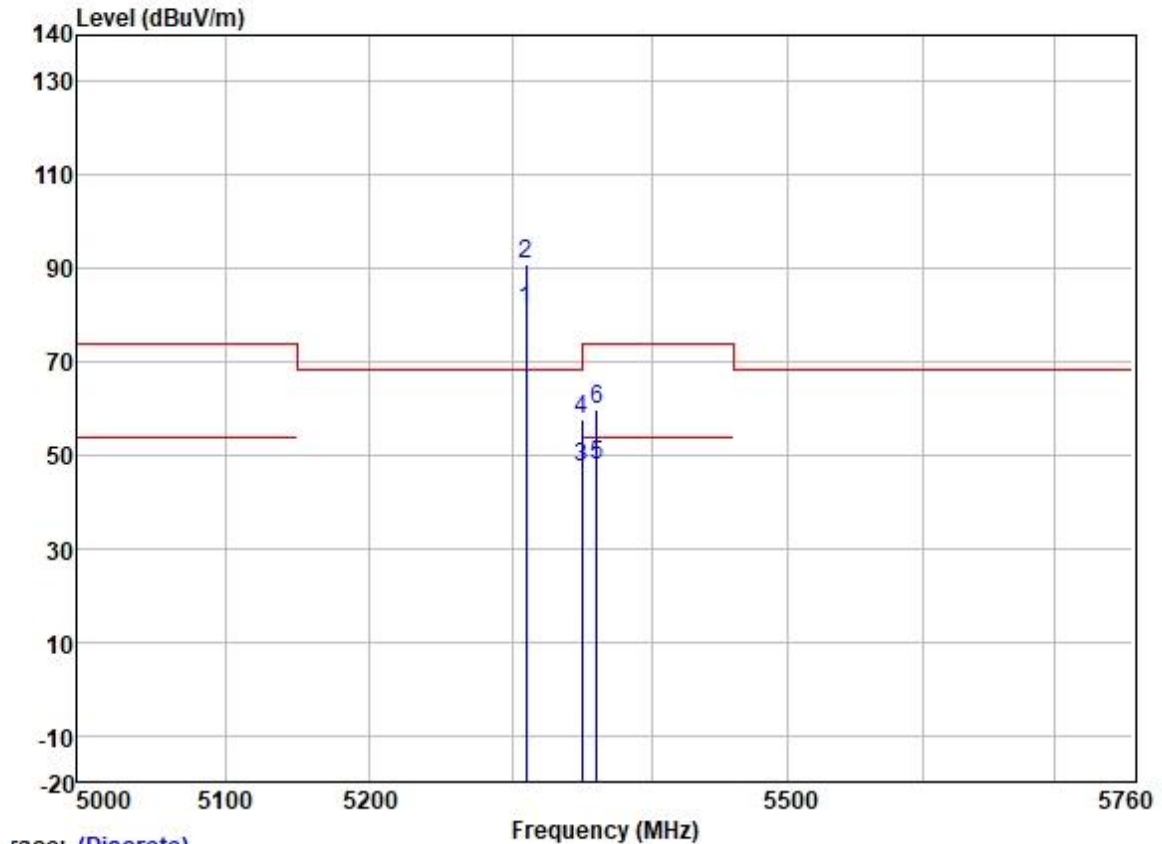
Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5116.703	46.93	31.72	5.64	36.86	47.43	54.00	-6.57	VERTICAL Average
2	5116.703	58.17	31.72	5.64	36.86	58.67	74.00	-15.33	VERTICAL Peak
3	5149.980	46.76	31.72	5.62	36.86	47.24	54.00	-6.76	VERTICAL Average
4	5149.980	57.30	31.72	5.62	36.86	57.78	74.00	-16.22	VERTICAL Peak
5	5270.000	80.60	31.75	5.80	36.87	81.28	-----	-----	VERTICAL Average
6 *	5270.000	91.33	31.75	5.80	36.87	92.01	68.20	23.81	VERTICAL Peak

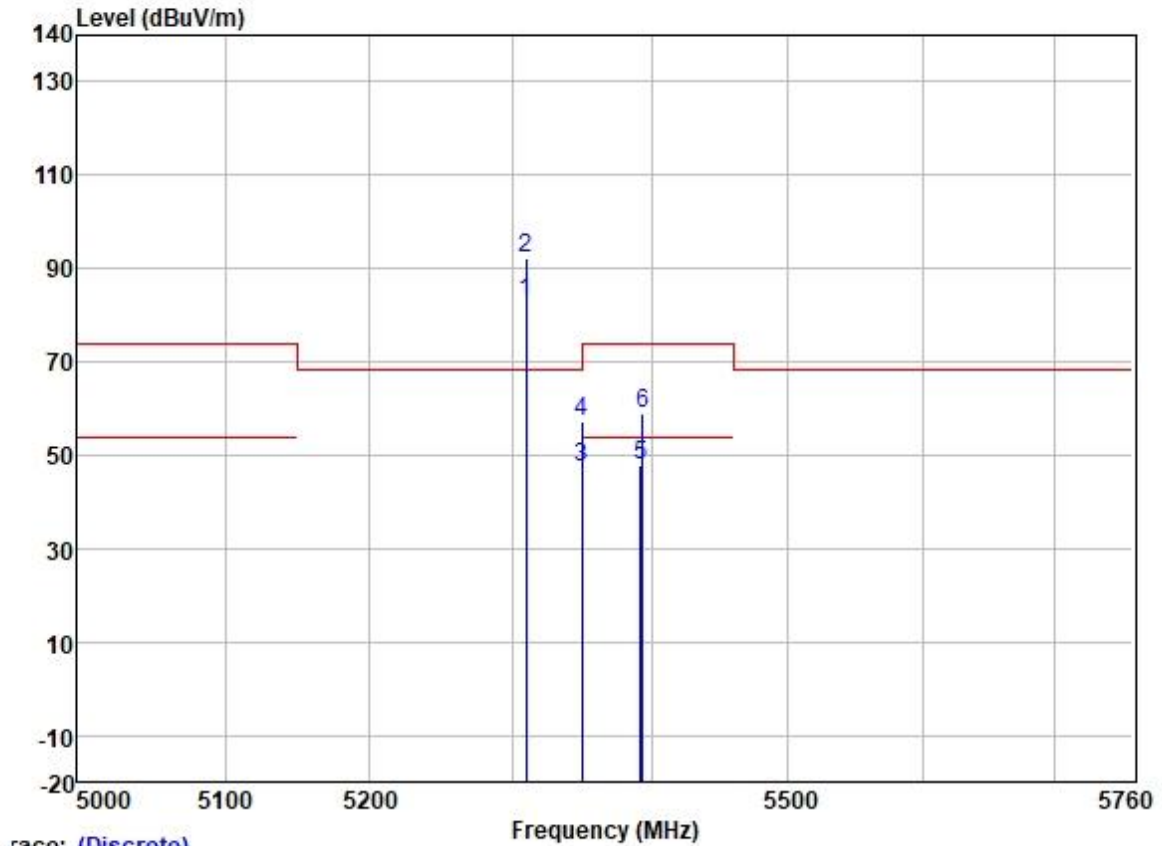
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

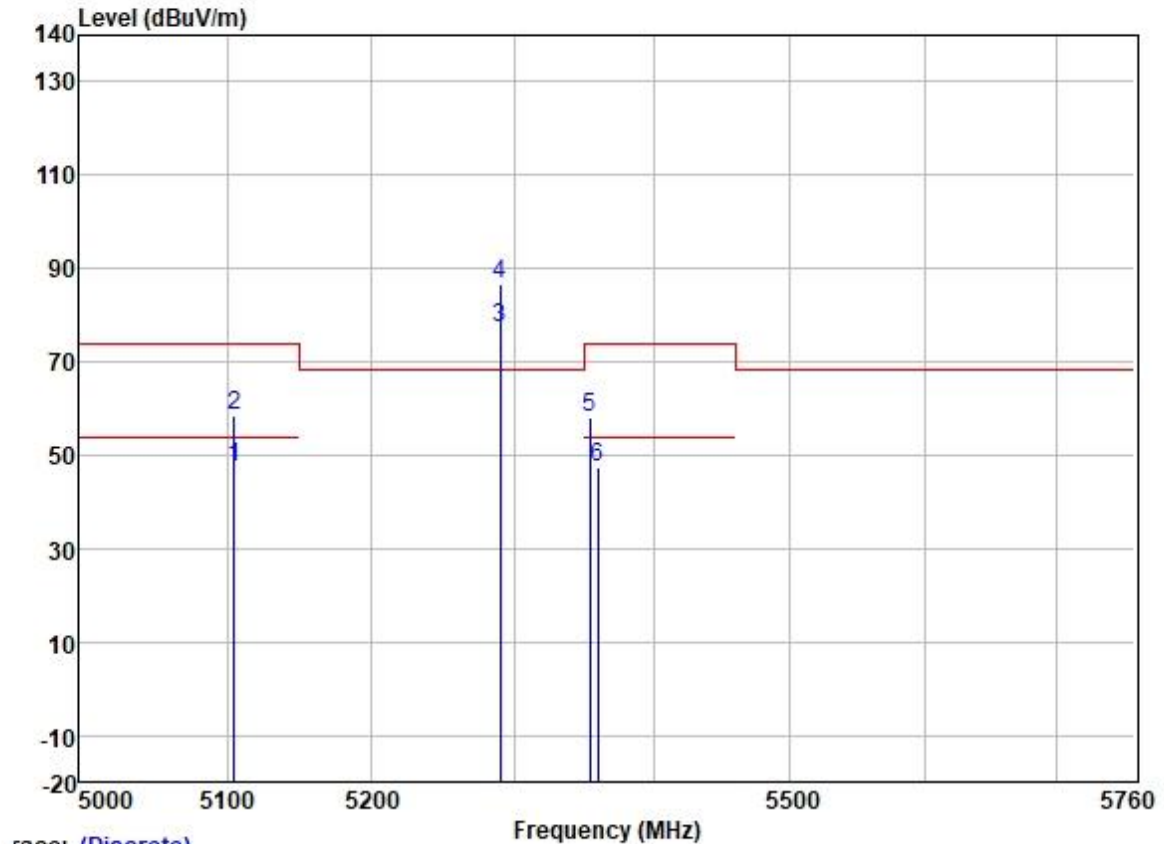
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5310.000	80.01	31.77	6.08	36.87	80.99	-----	-----	HORIZONTAL Average
2 *	5310.000	89.78	31.77	6.08	36.87	90.76	68.20	22.56	HORIZONTAL Peak
3	5350.020	46.35	31.77	6.05	36.88	47.29	54.00	-6.71	HORIZONTAL Average
4	5350.020	56.73	31.77	6.05	36.88	57.67	74.00	-16.33	HORIZONTAL Peak
5	5360.463	46.84	31.78	6.03	36.88	47.77	54.00	-6.23	HORIZONTAL Average
6	5360.463	58.81	31.78	6.03	36.88	59.74	74.00	-14.26	HORIZONTAL Peak

Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)	Frequency (MHz)									
	Freq	ReadAntenna	Cable	Preamp		Limit	Over	Pol/Phase	Remark	
		Level	Factor	Loss	Factor	Level	Line			Limit
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5310.000	81.85	31.77	6.08	36.87	82.83	-----	-----	VERTICAL	Average
2 *	5310.000	91.06	31.77	6.08	36.87	92.04	68.20	23.84	VERTICAL	Peak
3	5350.020	46.56	31.77	6.05	36.88	47.50	54.00	-6.50	VERTICAL	Average
4	5350.020	56.40	31.77	6.05	36.88	57.34	74.00	-16.66	VERTICAL	Peak
5	5392.239	46.94	31.78	6.00	36.88	47.84	54.00	-6.16	VERTICAL	Average
6	5393.572	57.97	31.78	6.00	36.88	58.87	74.00	-15.13	VERTICAL	Peak

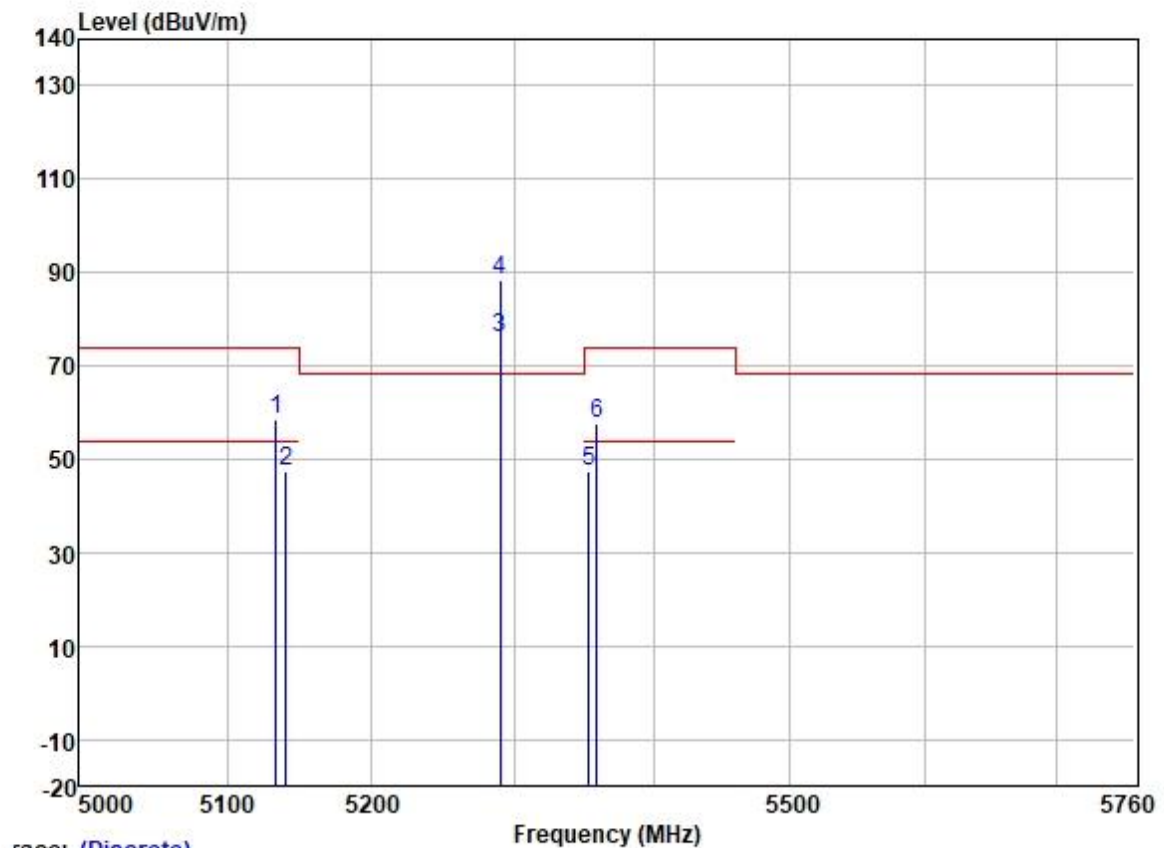
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

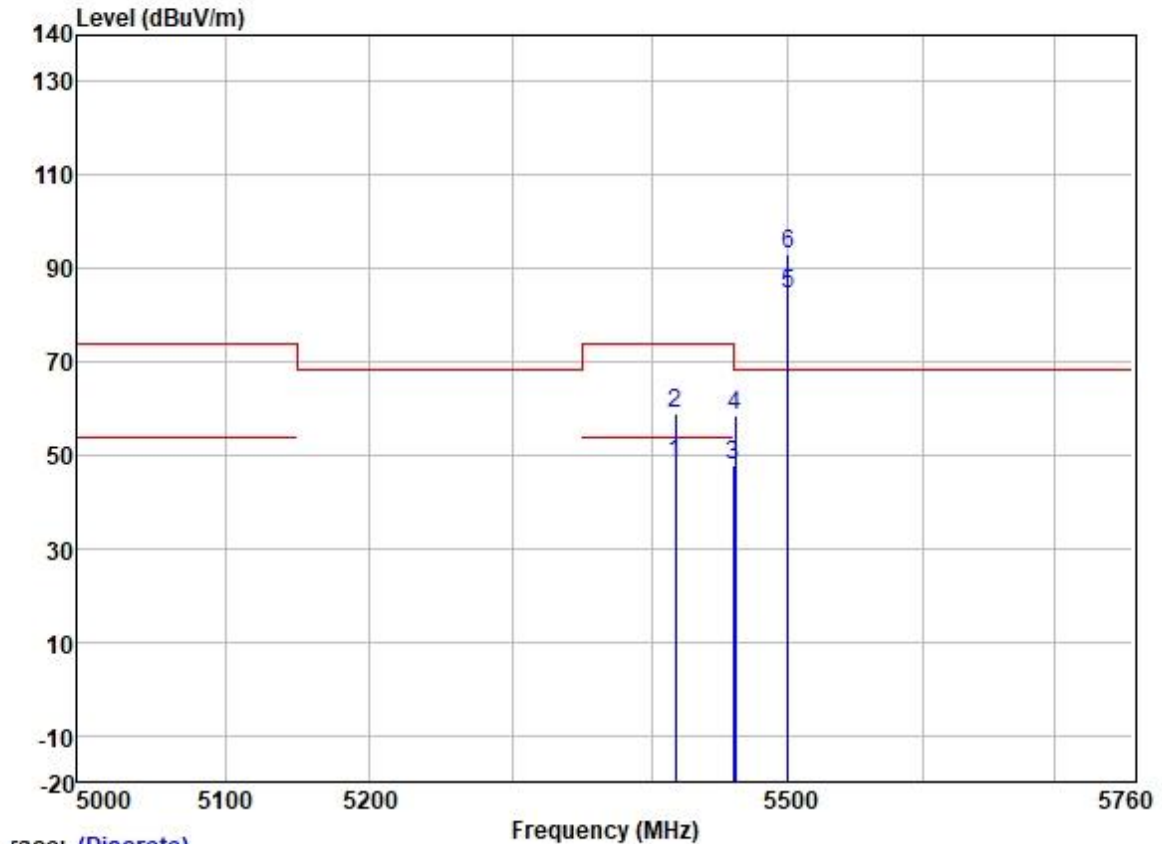
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5104.667	46.91	31.72	5.65	36.86	47.42	54.00	-6.58	HORIZONTAL Average
2	5104.667	57.92	31.72	5.65	36.86	58.43	74.00	-15.57	HORIZONTAL Peak
3	5290.000	76.21	31.76	6.00	36.87	77.10	-----	-----	HORIZONTAL Average
4 *	5290.000	85.65	31.76	6.00	36.87	86.54	68.20	18.34	HORIZONTAL Peak
5	5354.206	57.08	31.78	6.03	36.88	58.01	74.00	-15.99	HORIZONTAL Peak
6	5359.411	46.67	31.78	6.03	36.88	47.60	54.00	-6.40	HORIZONTAL Average

Test Mode: 12; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5133.340	57.85	31.72	5.63	36.86	58.34	74.00	-15.66	VERTICAL Peak
2	5140.093	46.88	31.72	5.63	36.86	47.37	54.00	-6.63	VERTICAL Average
3	5290.000	75.14	31.76	6.00	36.87	76.03	-----	-----	VERTICAL Average
4 *	5290.000	87.58	31.76	6.00	36.87	88.47	68.20	20.27	VERTICAL Peak
5	5352.981	46.65	31.77	6.05	36.88	47.59	54.00	-6.41	VERTICAL Average
6	5358.798	56.67	31.78	6.03	36.88	57.60	74.00	-16.40	VERTICAL Peak

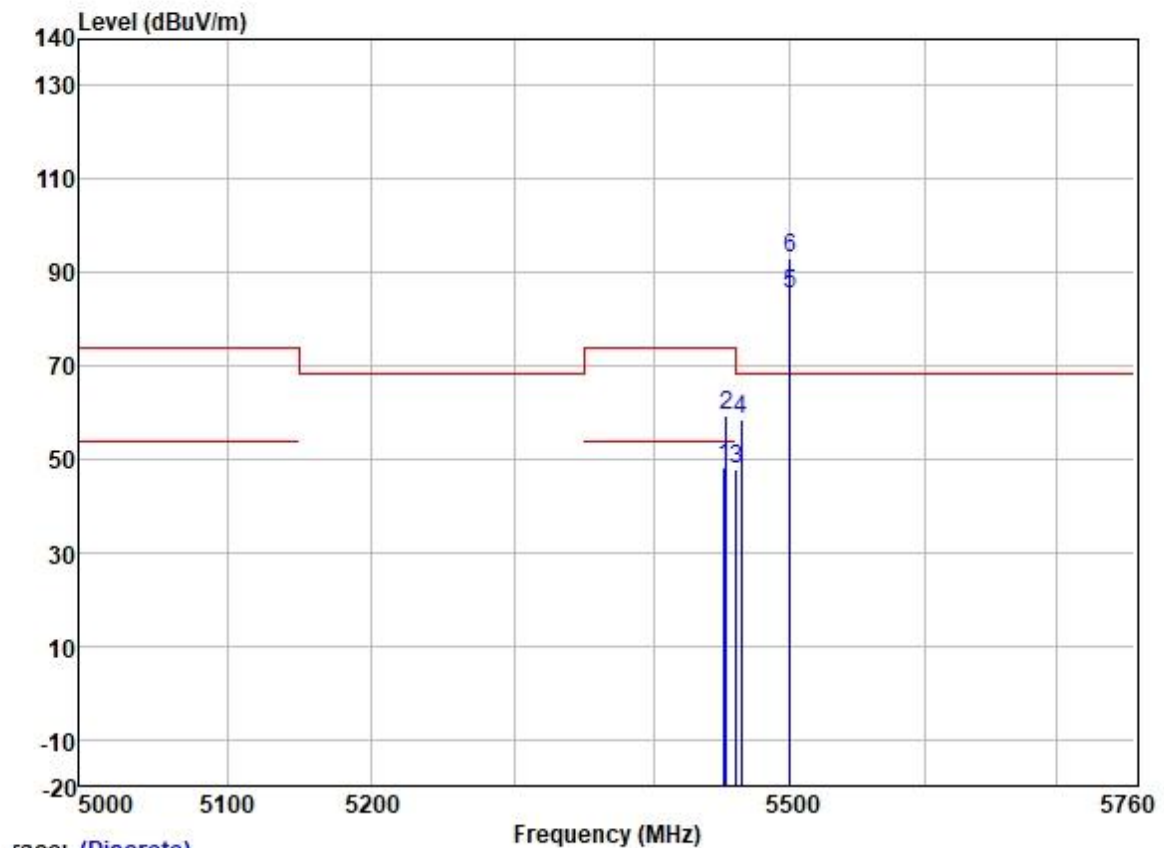
Test Mode: 13; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5417.475	47.02	31.79	6.13	36.88	48.06	54.00	-5.94	HORIZONTAL Average
2	5417.475	57.92	31.79	6.13	36.88	58.96	74.00	-15.04	HORIZONTAL Peak
3	5459.550	46.69	31.79	6.26	36.88	47.86	54.00	-6.14	HORIZONTAL Average
4	5460.990	57.27	31.79	6.26	36.88	58.44	68.20	-9.76	HORIZONTAL Peak
5	5500.000	83.26	31.80	6.40	36.88	84.58	-----	-----	HORIZONTAL Average
6 *	5500.000	91.60	31.80	6.40	36.88	92.92	68.20	24.72	HORIZONTAL Peak

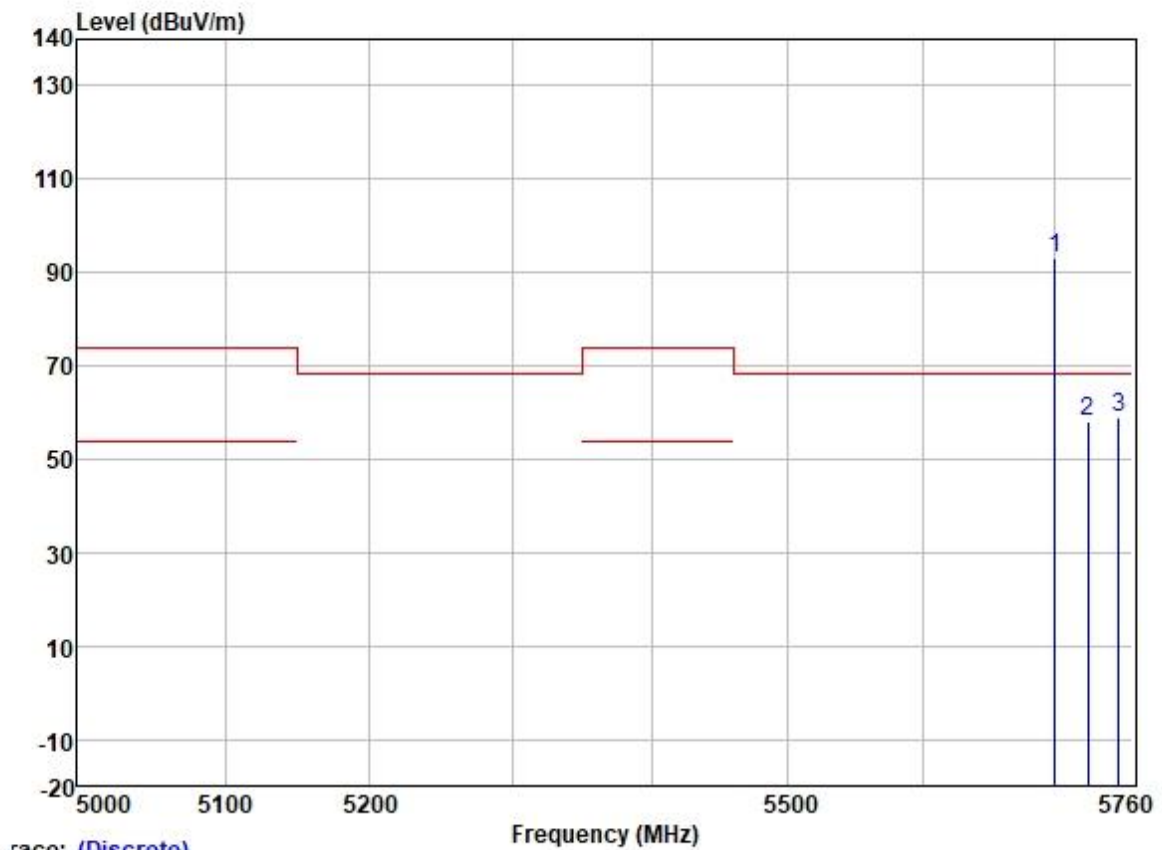
Test Mode: 13; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5451.157	46.97	31.79	6.26	36.88	48.14	54.00	-5.86	VERTICAL Average
2	5453.074	58.30	31.79	6.26	36.88	59.47	74.00	-14.53	VERTICAL Peak
3	5459.791	46.75	31.79	6.26	36.88	47.92	54.00	-6.08	VERTICAL Average
4	5464.112	57.48	31.80	6.31	36.88	58.71	68.20	-9.49	VERTICAL Peak
5	5500.000	84.02	31.80	6.40	36.88	85.34	-----	-----	VERTICAL Average
6 *	5500.000	91.60	31.80	6.40	36.88	92.92	68.20	24.72	VERTICAL Peak

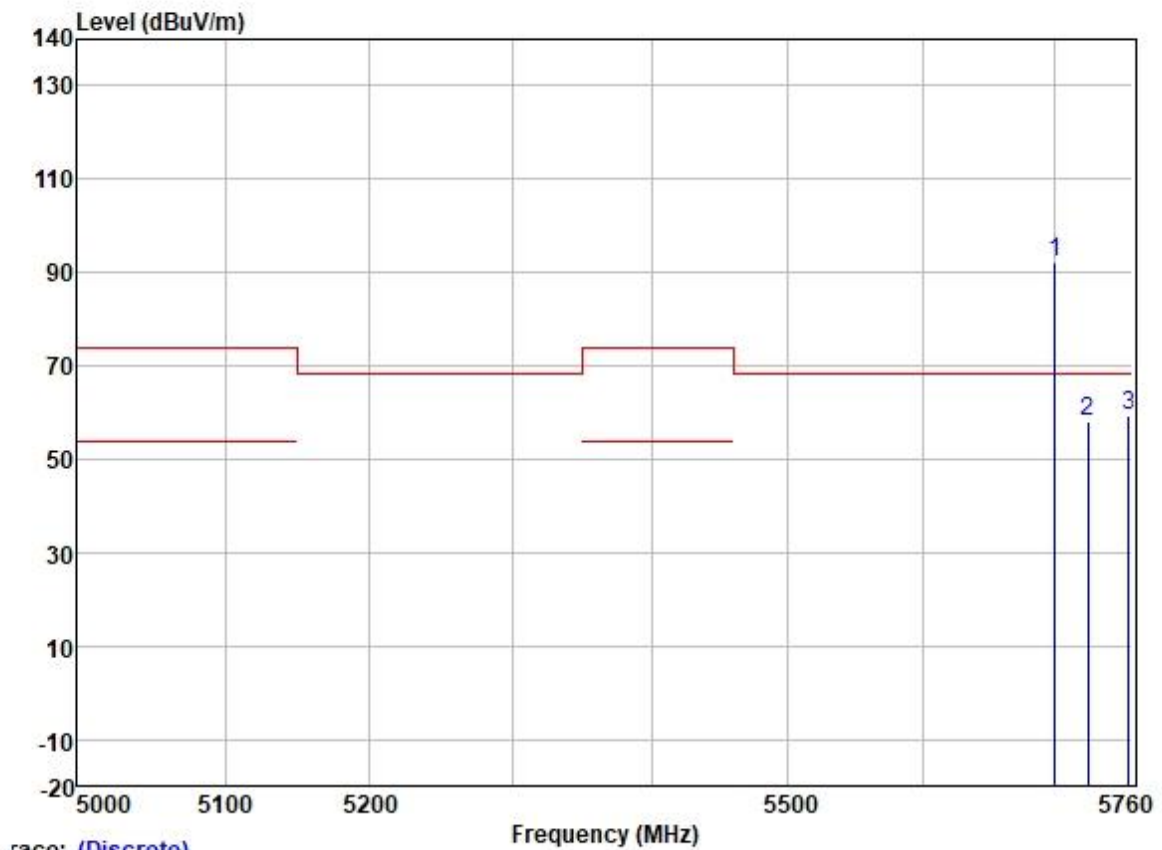
Test Mode: 13; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5700.000	91.45	32.01	6.40	36.89	92.97	68.20	24.77 HORIZONTAL Peak
2	5725.000	56.66	32.07	6.25	36.89	58.09	68.20	-10.11 HORIZONTAL Peak
3	5748.713	57.49	32.10	6.20	36.89	58.90	68.20	-9.30 HORIZONTAL Peak

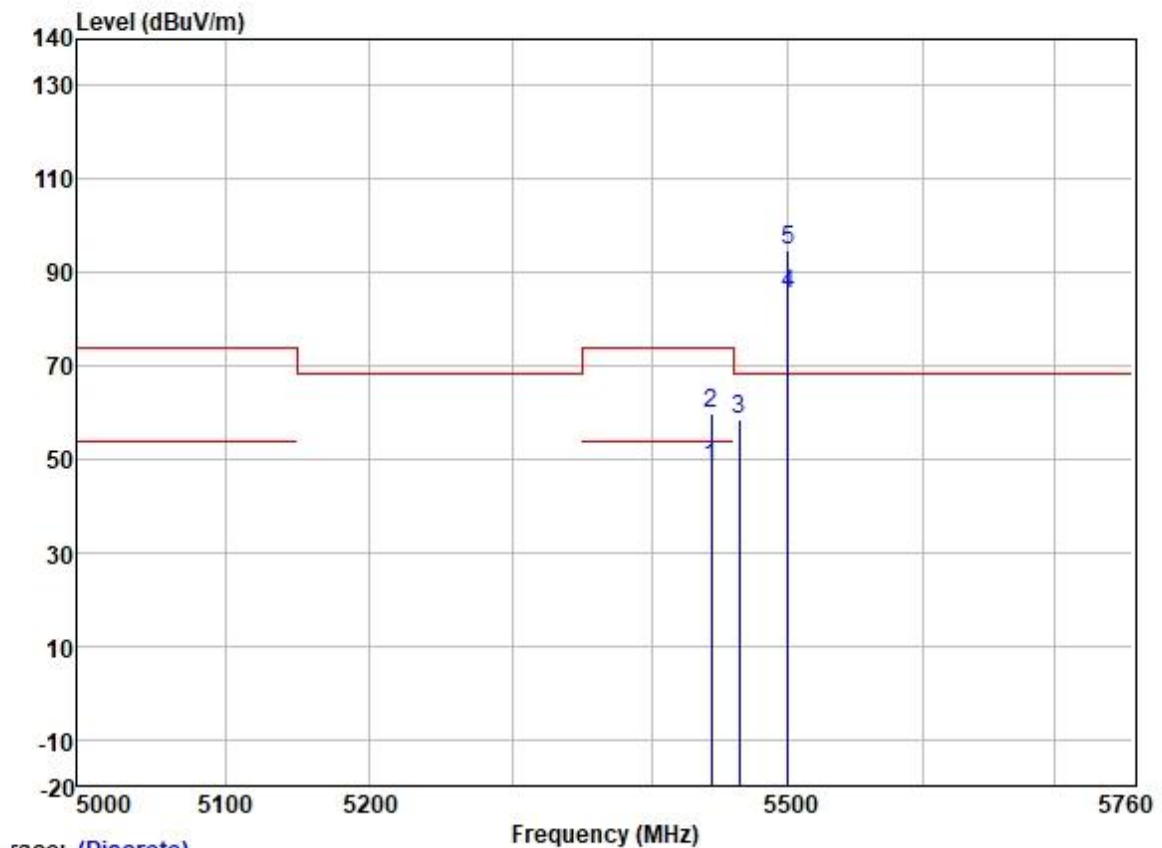
Test Mode: 13; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Level	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5700.000	90.87	32.01	6.40	36.89	92.39	68.20	24.19	VERTICAL Peak
2	5725.000	56.62	32.07	6.25	36.89	58.05	68.20	-10.15	VERTICAL Peak
3	5756.946	57.96	32.13	6.15	36.89	59.35	68.20	-8.85	VERTICAL Peak

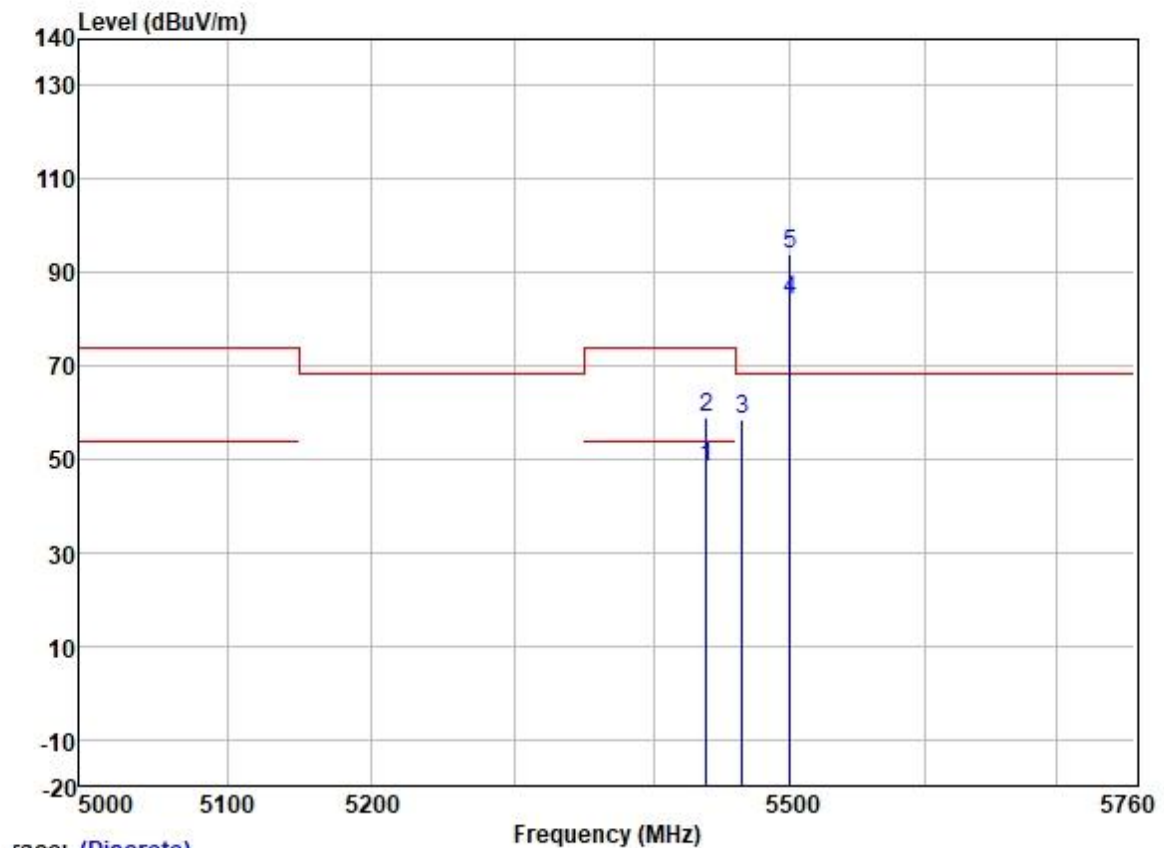
Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

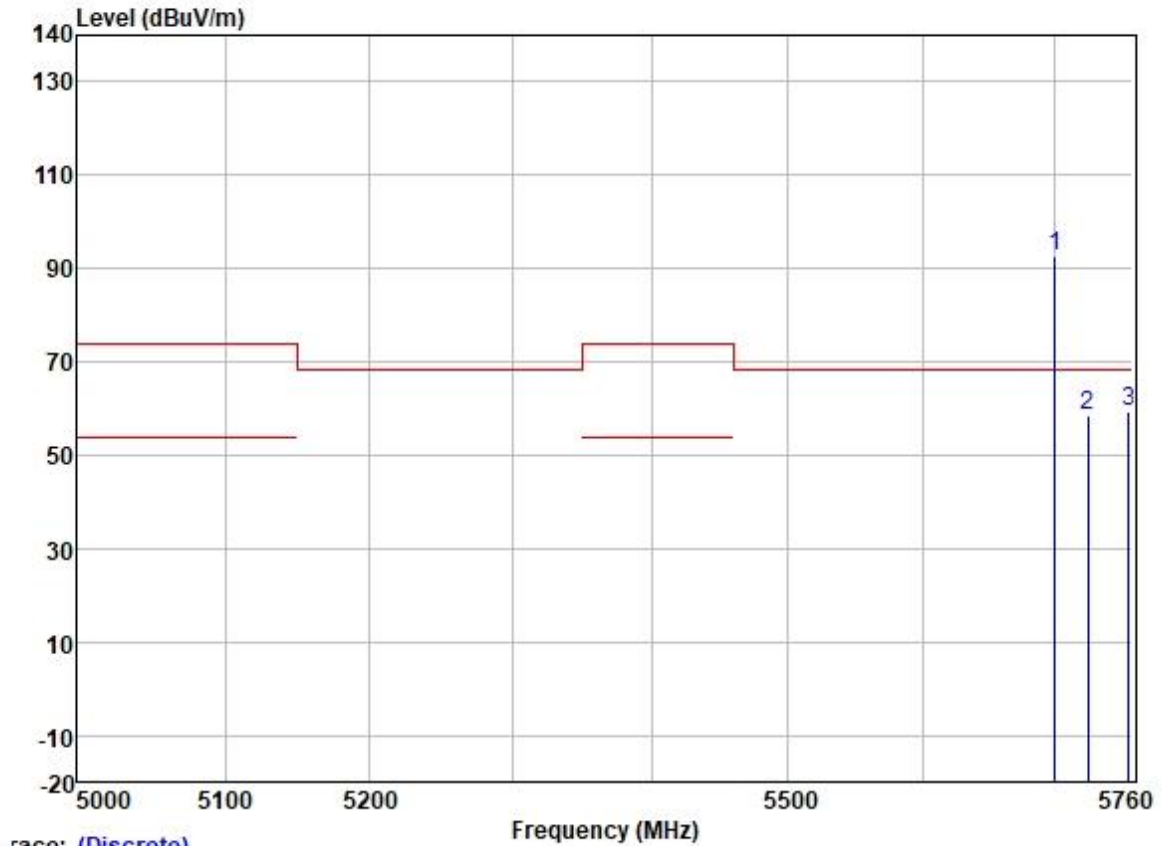
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5443.375	46.98	31.79	6.20	36.88	48.09	54.00	-5.91	HORIZONTAL Average
2	5443.375	58.54	31.79	6.20	36.88	59.65	74.00	-14.35	HORIZONTAL Peak
3	5463.752	57.24	31.80	6.31	36.88	58.47	68.20	-9.73	HORIZONTAL Peak
4	5500.000	83.95	31.80	6.40	36.88	85.27	-----	-----	HORIZONTAL Average
5 *	5500.000	93.35	31.80	6.40	36.88	94.67	68.20	26.47	HORIZONTAL Peak

Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5438.233	46.96	31.79	6.20	36.88	48.07	54.00	-5.93	VERTICAL Average
2	5438.233	58.03	31.79	6.20	36.88	59.14	74.00	-14.86	VERTICAL Peak
3	5464.712	57.29	31.80	6.31	36.88	58.52	68.20	-9.68	VERTICAL Peak
4	5500.000	82.63	31.80	6.40	36.88	83.95	-----	-----	VERTICAL Average
5 *	5500.000	92.50	31.80	6.40	36.88	93.82	68.20	25.62	VERTICAL Peak

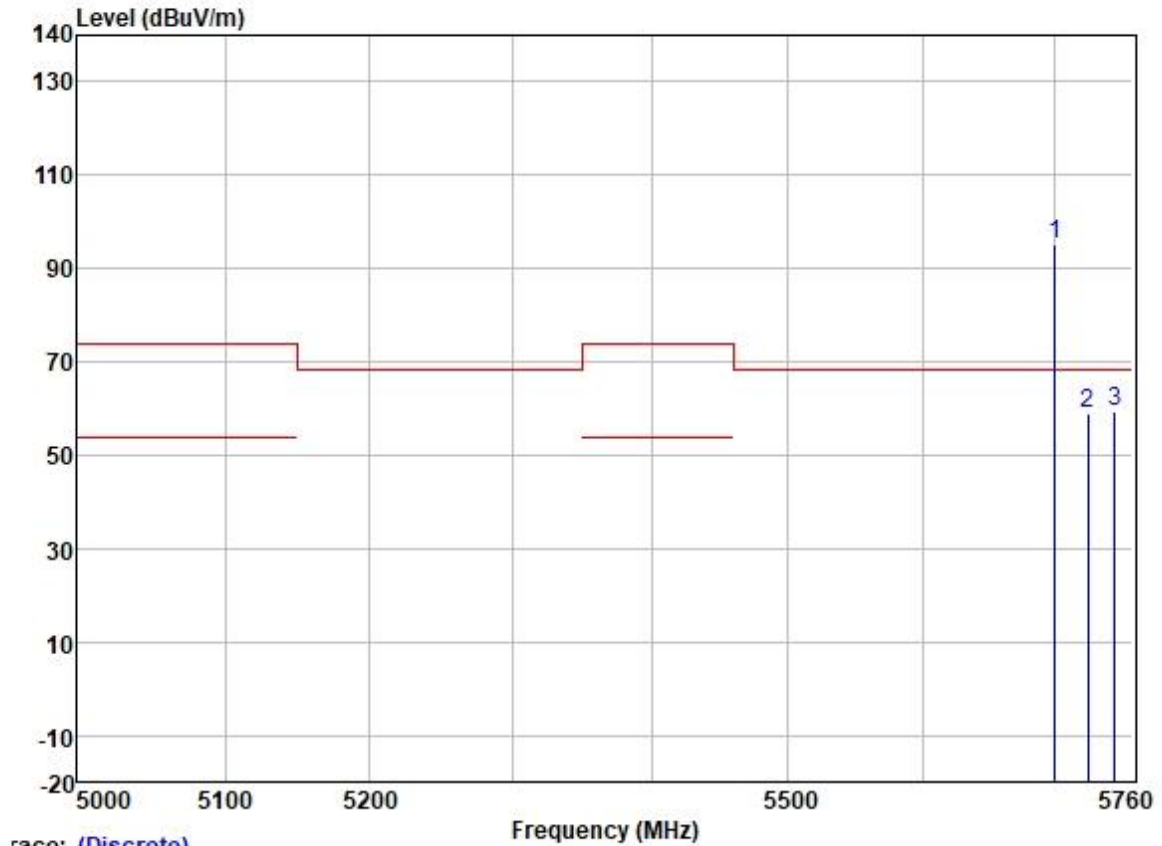
Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5700.000	91.09	32.01	6.40	36.89	92.61	68.20	24.41	HORIZONTAL	Peak
2	5725.000	57.15	32.07	6.25	36.89	58.58	68.20	-9.62	HORIZONTAL	Peak
3	5756.242	57.80	32.13	6.15	36.89	59.19	68.20	-9.01	HORIZONTAL	Peak

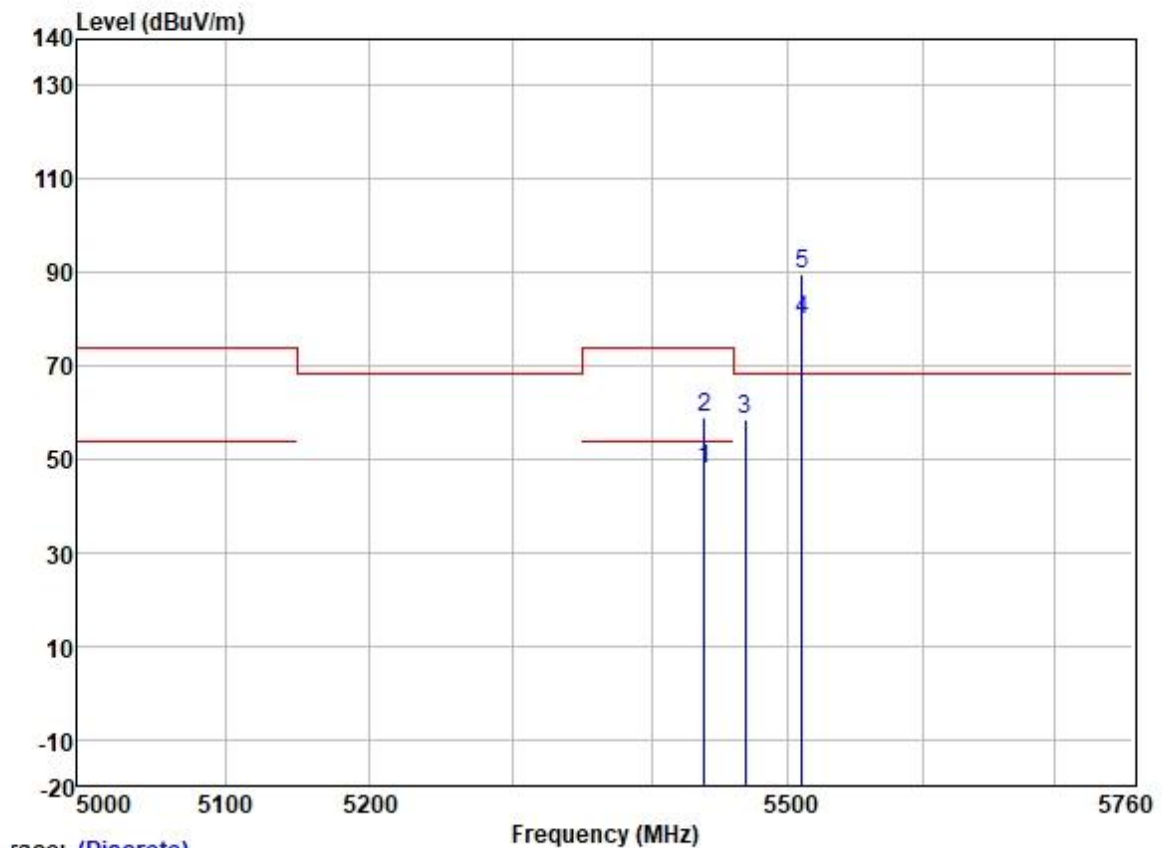
Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	* 5700.000	93.78	32.01	6.40	36.89	95.30	68.20	27.10	VERTICAL	Peak
2	5725.000	57.30	32.07	6.25	36.89	58.73	68.20	-9.47	VERTICAL	Peak
3	5745.904	58.16	32.10	6.20	36.89	59.57	68.20	-8.63	VERTICAL	Peak

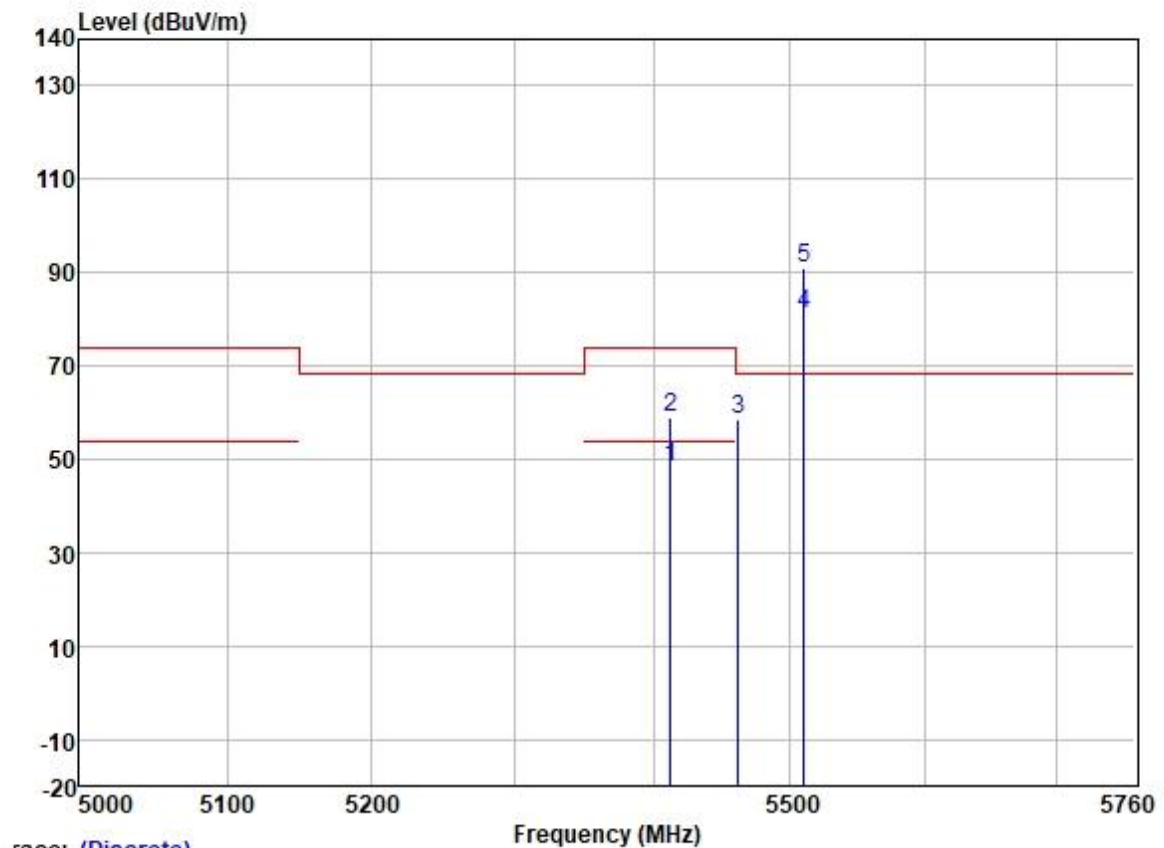
Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

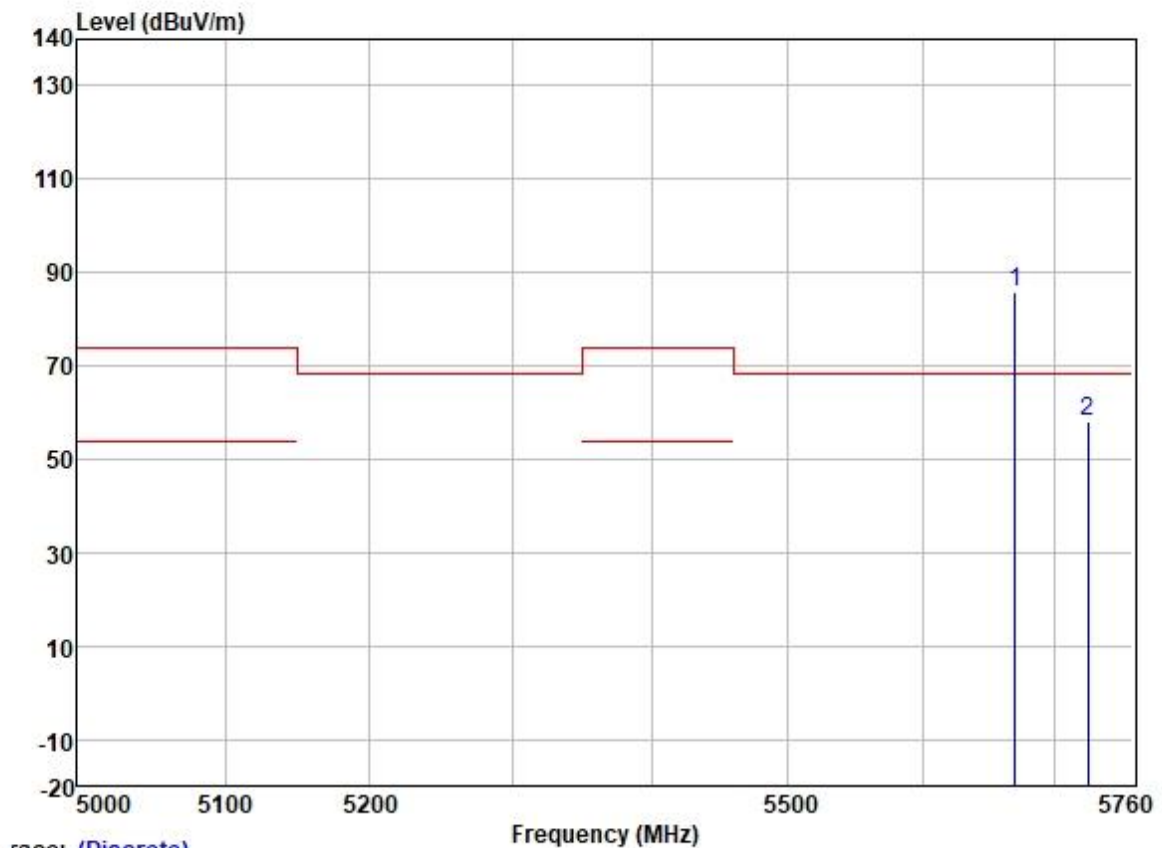
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5438.283	46.93	31.79	6.20	36.88	48.04	54.00	-5.96	HORIZONTAL	Average
2	5438.283	57.70	31.79	6.20	36.88	58.81	74.00	-15.19	HORIZONTAL	Peak
3	5468.152	57.26	31.80	6.31	36.88	58.49	68.20	-9.71	HORIZONTAL	Peak
4	5510.000	78.71	31.80	6.40	36.88	80.03	-----	-----	HORIZONTAL	Average
5 *	5510.000	88.28	31.80	6.40	36.88	89.60	68.20	21.40	HORIZONTAL	Peak

Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5412.177	47.17	31.79	6.06	36.88	48.14	54.00	-5.86	VERTICAL Average
2	5412.177	58.14	31.79	6.06	36.88	59.11	74.00	-14.89	VERTICAL Peak
3	5461.718	57.13	31.79	6.26	36.88	58.30	68.20	-9.90	VERTICAL Peak
4	5510.000	79.93	31.80	6.40	36.88	81.25	-----	-----	VERTICAL Average
5 *	5510.000	89.42	31.80	6.40	36.88	90.74	68.20	22.54	VERTICAL Peak

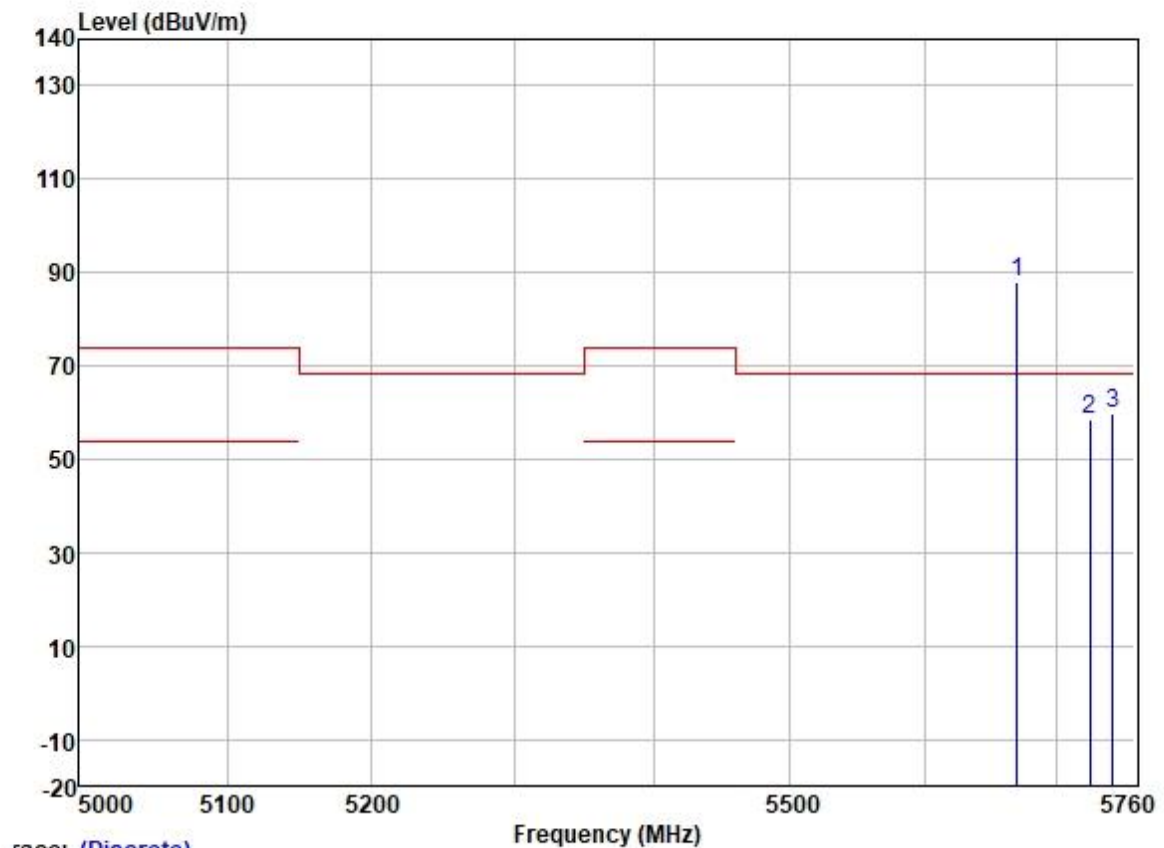
Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5670.000	84.20	31.97	6.37	36.89	85.65	68.20	17.45	HORIZONTAL Peak
2	5725.000	56.49	32.07	6.25	36.89	57.92	68.20	-10.28	HORIZONTAL Peak

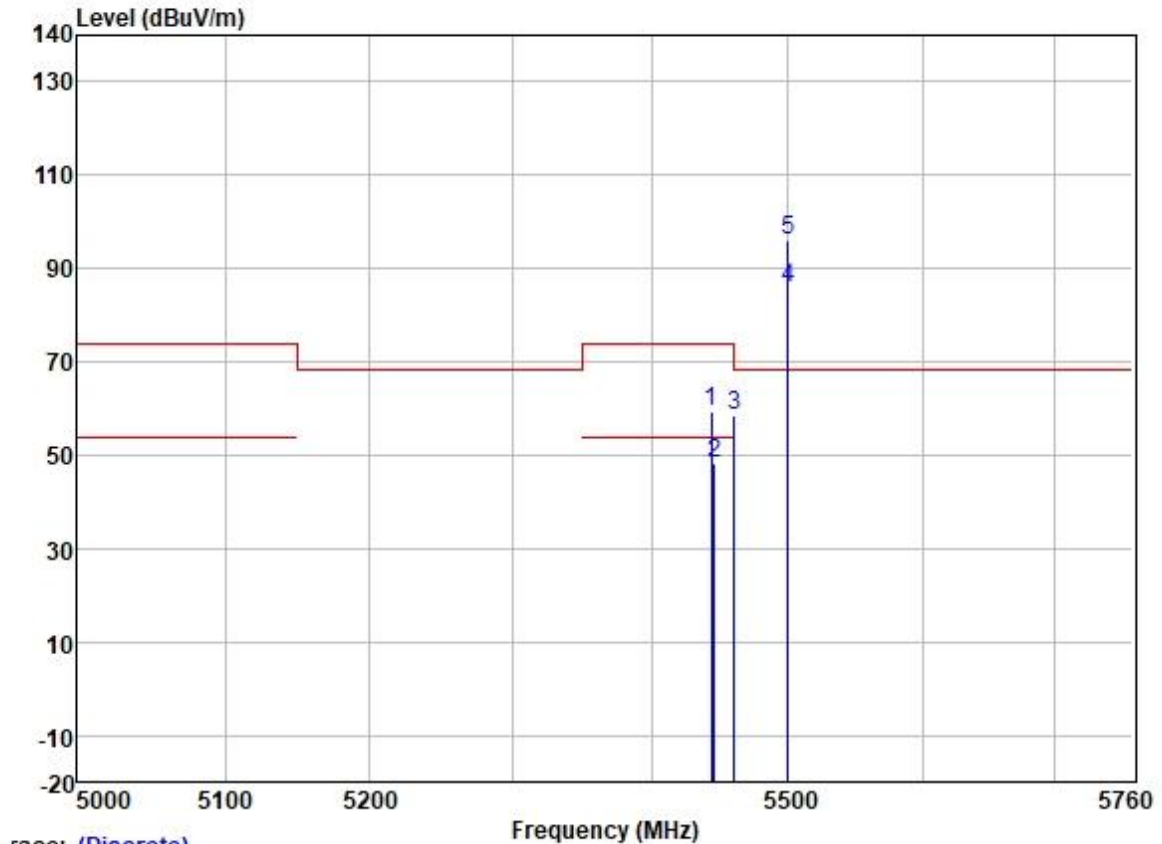
Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

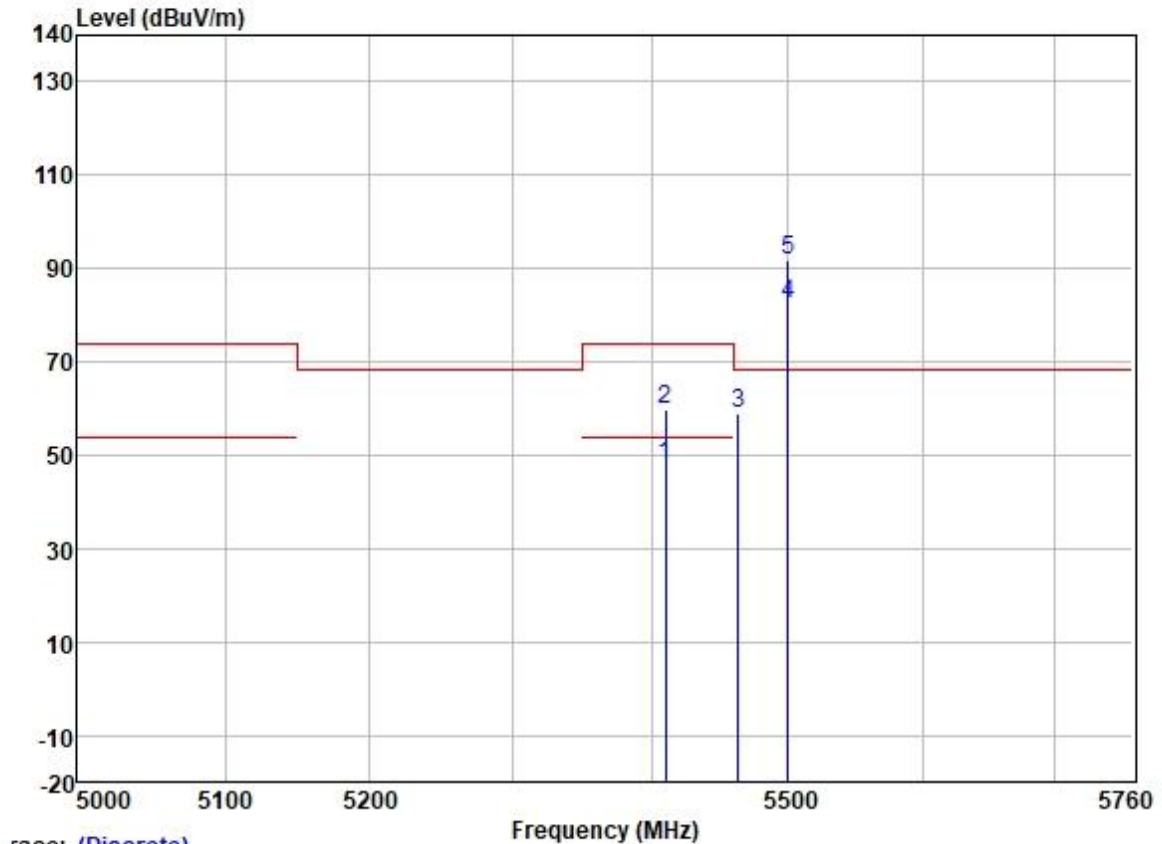
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5670.000	86.60	31.97	6.37	36.89	88.05	68.20	19.85 VERTICAL	Peak
2	5725.000	57.08	32.07	6.25	36.89	58.51	68.20	-9.69 VERTICAL	Peak
3	5742.706	58.18	32.10	6.20	36.89	59.59	68.20	-8.61 VERTICAL	Peak

Test Mode: 13; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: Low



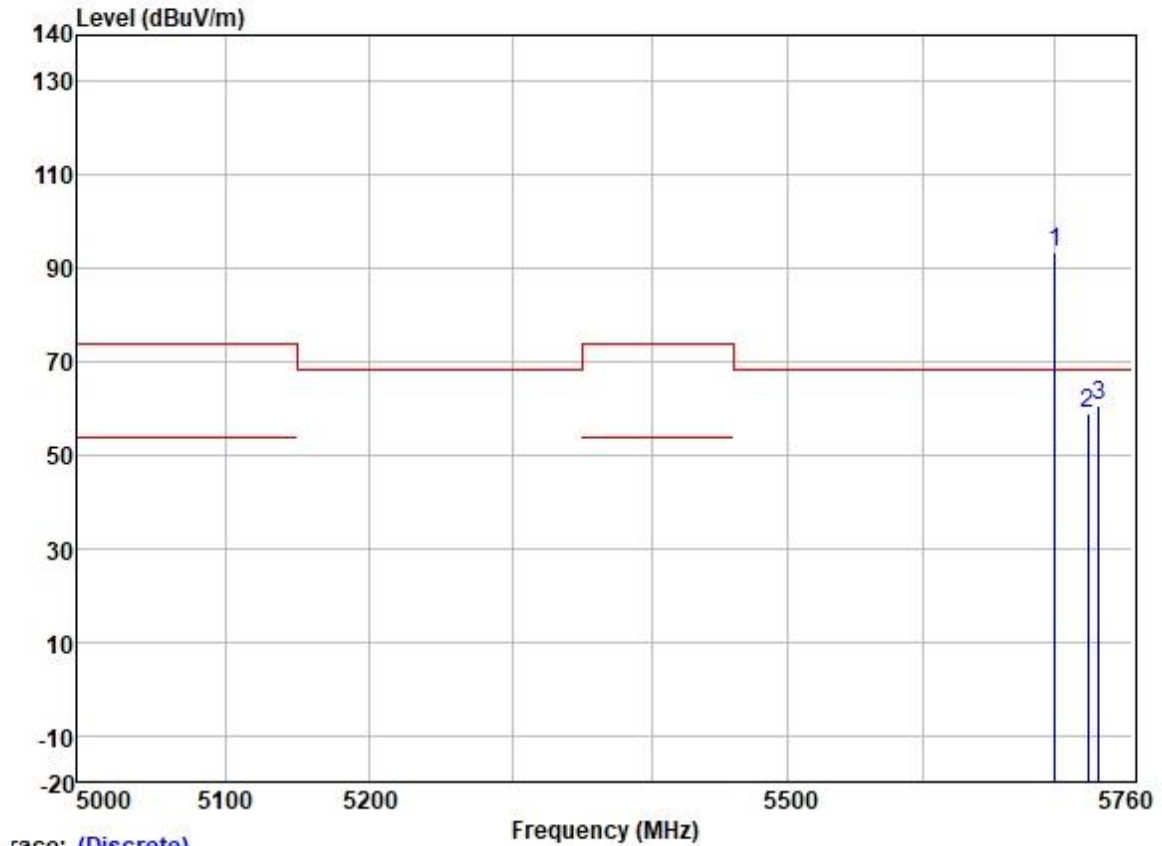
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5443.255	58.25	31.79	6.20	36.88	59.36	74.00	-14.64	HORIZONTAL	Peak
2	5445.529	46.97	31.79	6.20	36.88	48.08	54.00	-5.92	HORIZONTAL	Average
3	5460.510	57.41	31.79	6.26	36.88	58.58	68.20	-9.62	HORIZONTAL	Peak
4	5500.000	84.68	31.80	6.40	36.88	86.00	-----	-----	HORIZONTAL	Average
5 *	5500.000	94.54	31.80	6.40	36.88	95.86	68.20	27.66	HORIZONTAL	Peak

Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5409.860	47.06	31.79	6.06	36.88	48.03	54.00	-5.97	VERTICAL Average
2	5409.860	58.85	31.79	6.06	36.88	59.82	74.00	-14.18	VERTICAL Peak
3	5463.392	57.70	31.79	6.26	36.88	58.87	68.20	-9.33	VERTICAL Peak
4	5500.000	81.21	31.80	6.40	36.88	82.53	-----	-----	VERTICAL Average
5 *	5500.000	90.57	31.80	6.40	36.88	91.89	68.20	23.69	VERTICAL Peak

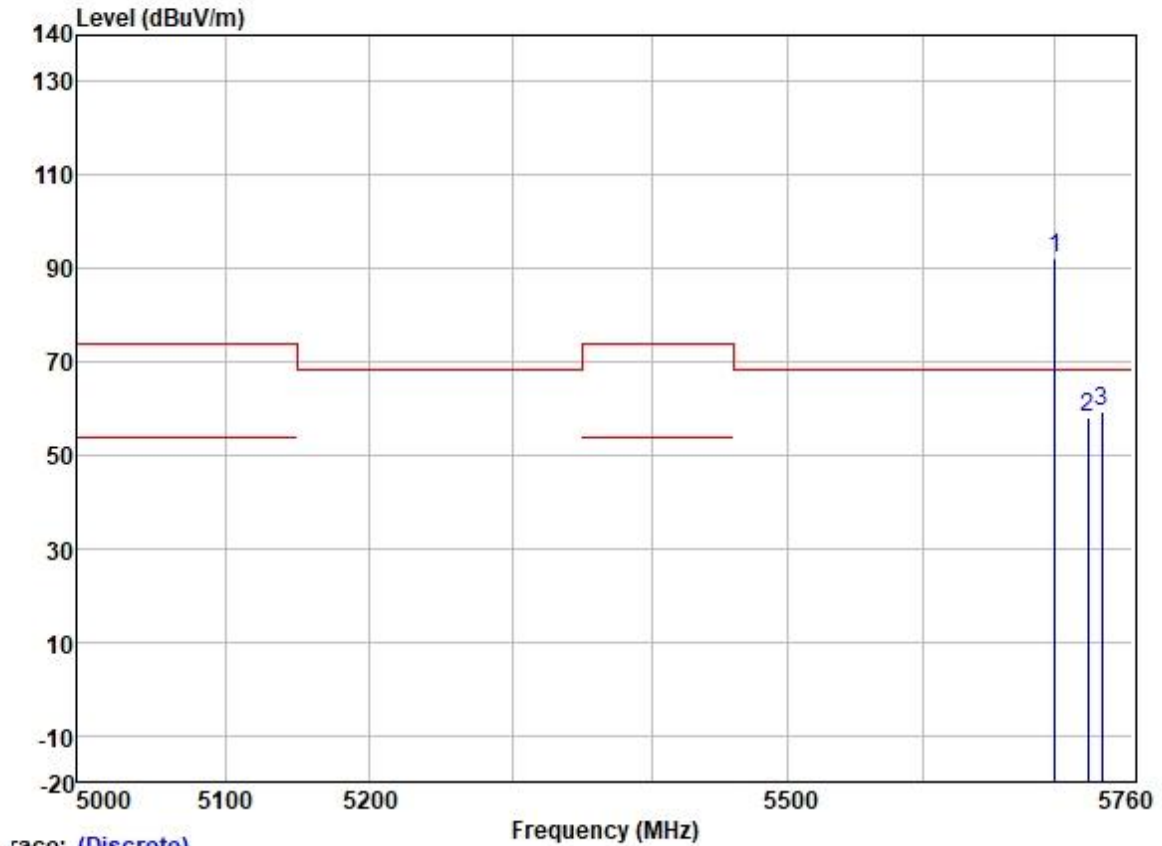
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5700.000	91.81	32.01	6.40	36.89	93.33	68.20	25.13	HORIZONTAL	Peak
2	5725.000	57.71	32.07	6.25	36.89	59.14	68.20	-9.06	HORIZONTAL	Peak
3	5733.683	59.18	32.07	6.25	36.89	60.61	68.20	-7.59	HORIZONTAL	Peak

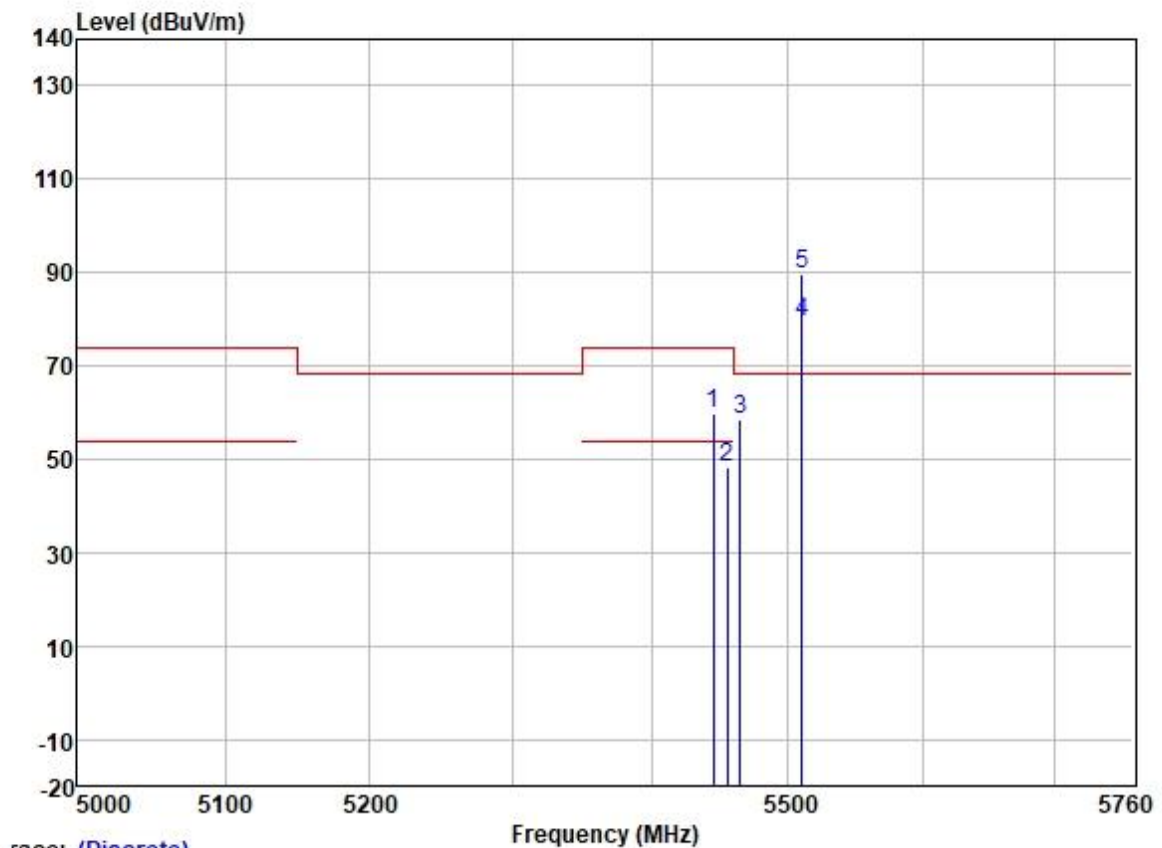
Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5700.000	90.88	32.01	6.40	36.89	92.40	68.20	VERTICAL	Peak
2	5725.000	56.71	32.07	6.25	36.89	58.14	68.20	VERTICAL	Peak
3	5735.885	58.13	32.07	6.25	36.89	59.56	68.20	VERTICAL	Peak

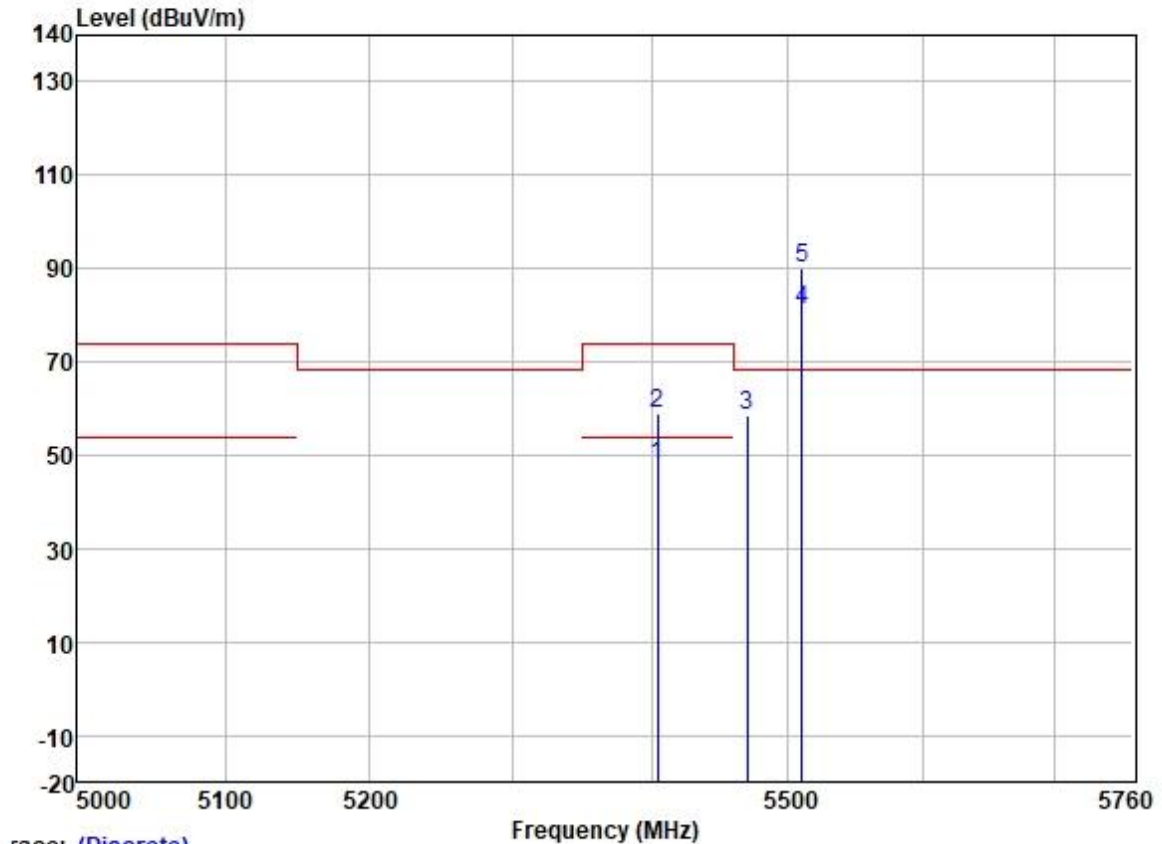
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5444.829	58.83	31.79	6.20	36.88	59.94	74.00	-14.06	HORIZONTAL	Peak
2	5454.872	46.91	31.79	6.26	36.88	48.08	54.00	-5.92	HORIZONTAL	Average
3	5464.375	57.13	31.80	6.31	36.88	58.36	68.20	-9.84	HORIZONTAL	Peak
4	5510.000	78.18	31.80	6.40	36.88	79.50	-----	-----	HORIZONTAL	Average
5 *	5510.000	88.35	31.80	6.40	36.88	89.67	68.20	21.47	HORIZONTAL	Peak

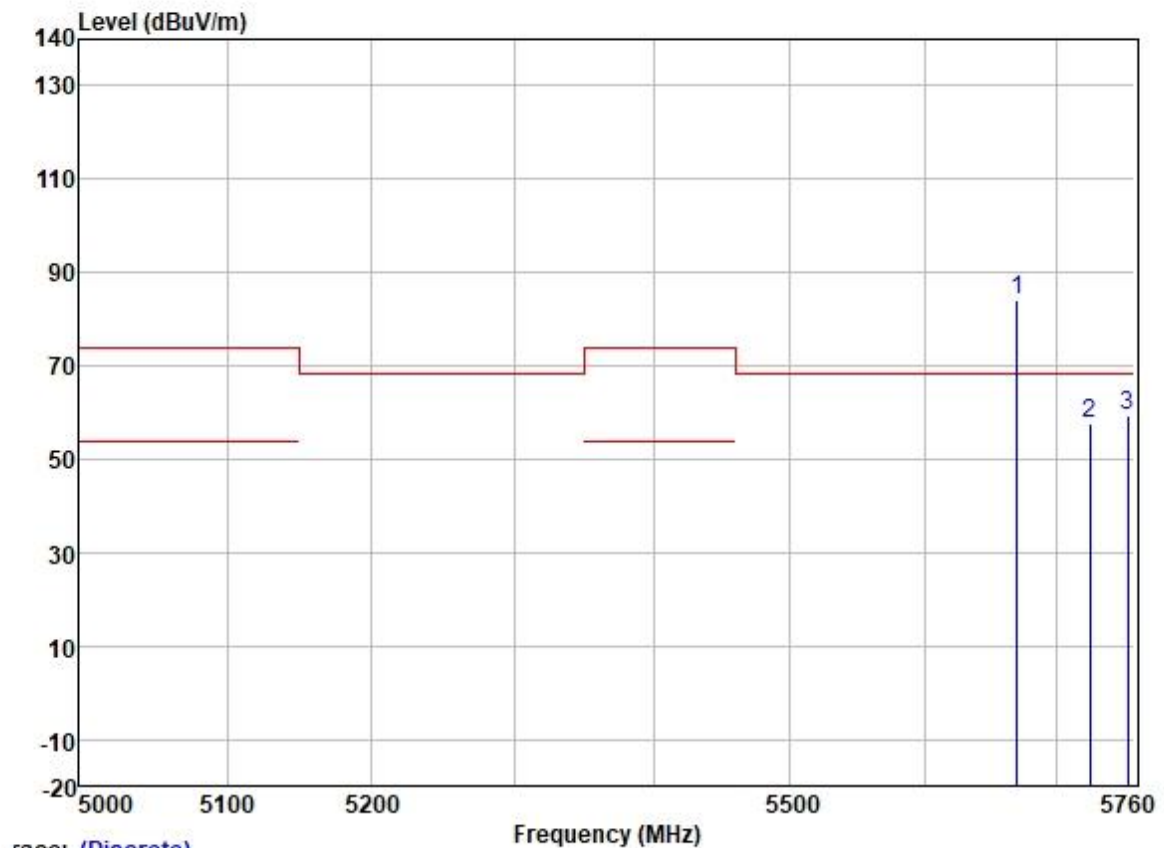
Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5404.148	47.08	31.79	6.06	36.88	48.05	54.00	-5.95	VERTICAL Average
2	5404.148	58.07	31.79	6.06	36.88	59.04	74.00	-14.96	VERTICAL Peak
3	5469.412	57.41	31.80	6.31	36.88	58.64	68.20	-9.56	VERTICAL Peak
4	5510.000	79.60	31.80	6.40	36.88	80.92	-----	-----	VERTICAL Average
5 *	5510.000	88.80	31.80	6.40	36.88	90.12	68.20	21.92	VERTICAL Peak

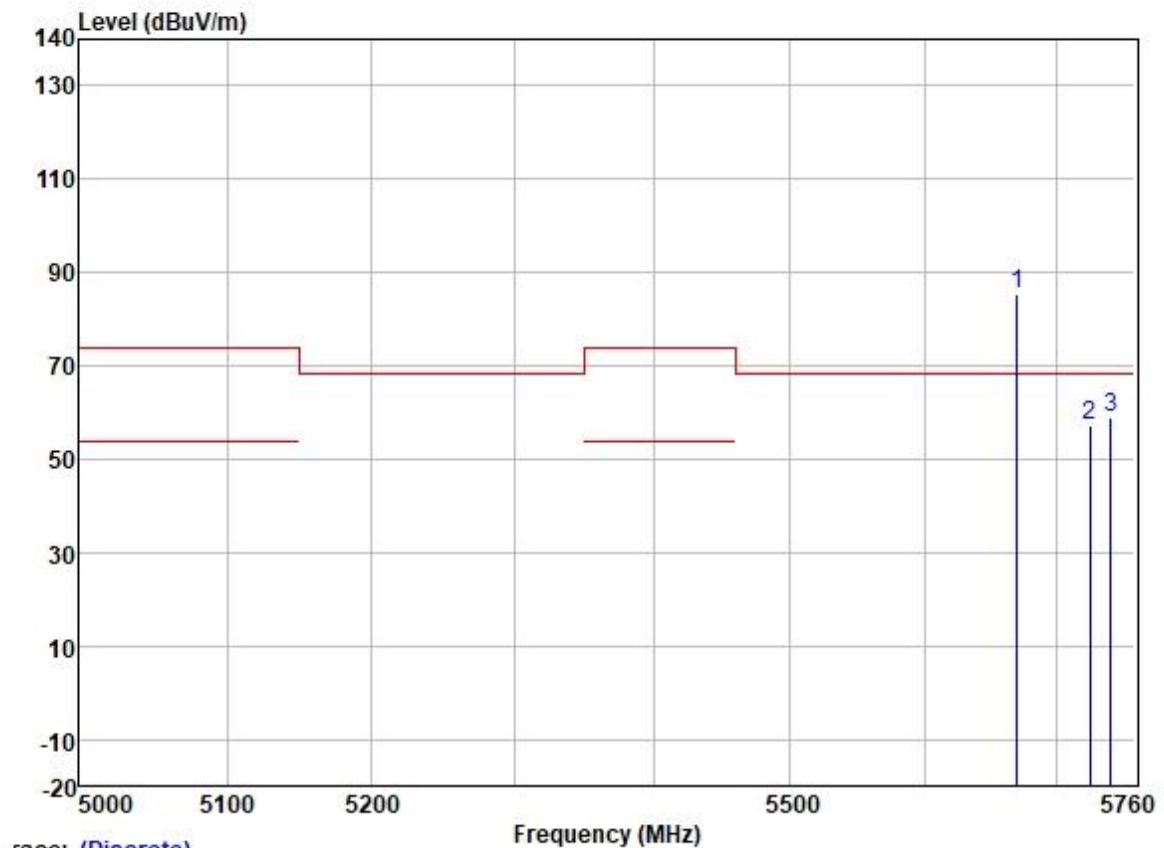
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5670.000	82.66	31.97	6.37	36.89	84.11	68.20	15.91	HORIZONTAL Peak
2	5725.000	56.29	32.07	6.25	36.89	57.72	68.20	-10.48	HORIZONTAL Peak
3	5754.405	57.96	32.10	6.20	36.89	59.37	68.20	-8.83	HORIZONTAL Peak

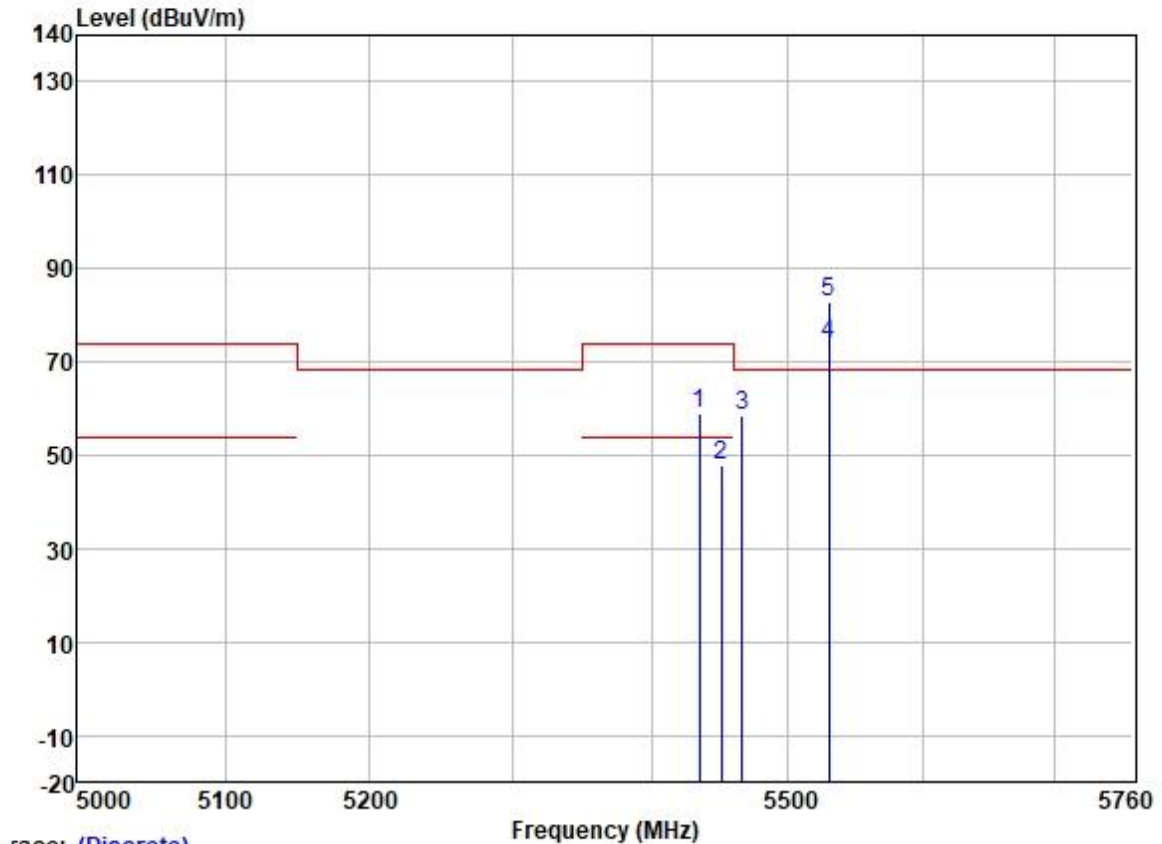
Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5670.000	84.13	31.97	6.37	36.89	85.58	68.20	VERTICAL	Peak
2	5725.000	55.87	32.07	6.25	36.89	57.30	68.20	VERTICAL	Peak
3	5740.875	57.47	32.10	6.20	36.89	58.88	68.20	VERTICAL	Peak

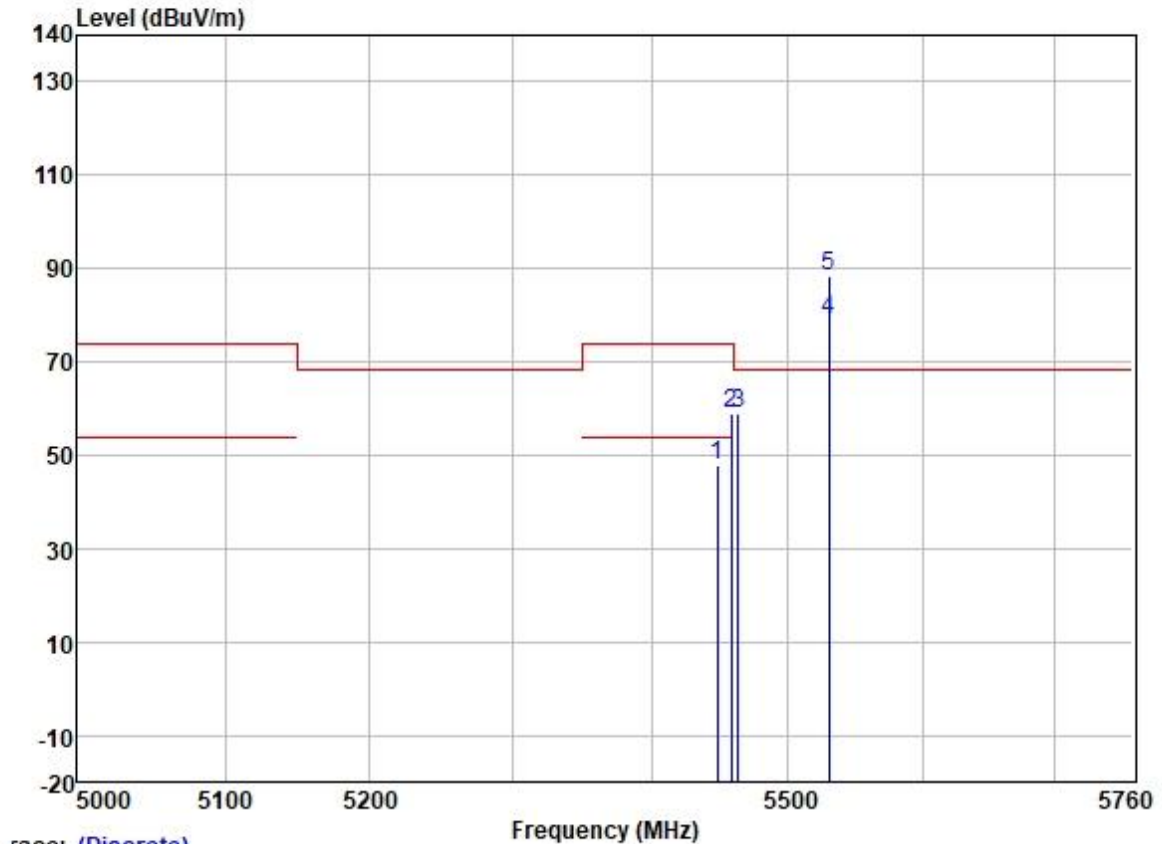
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Trace: (Discrete)

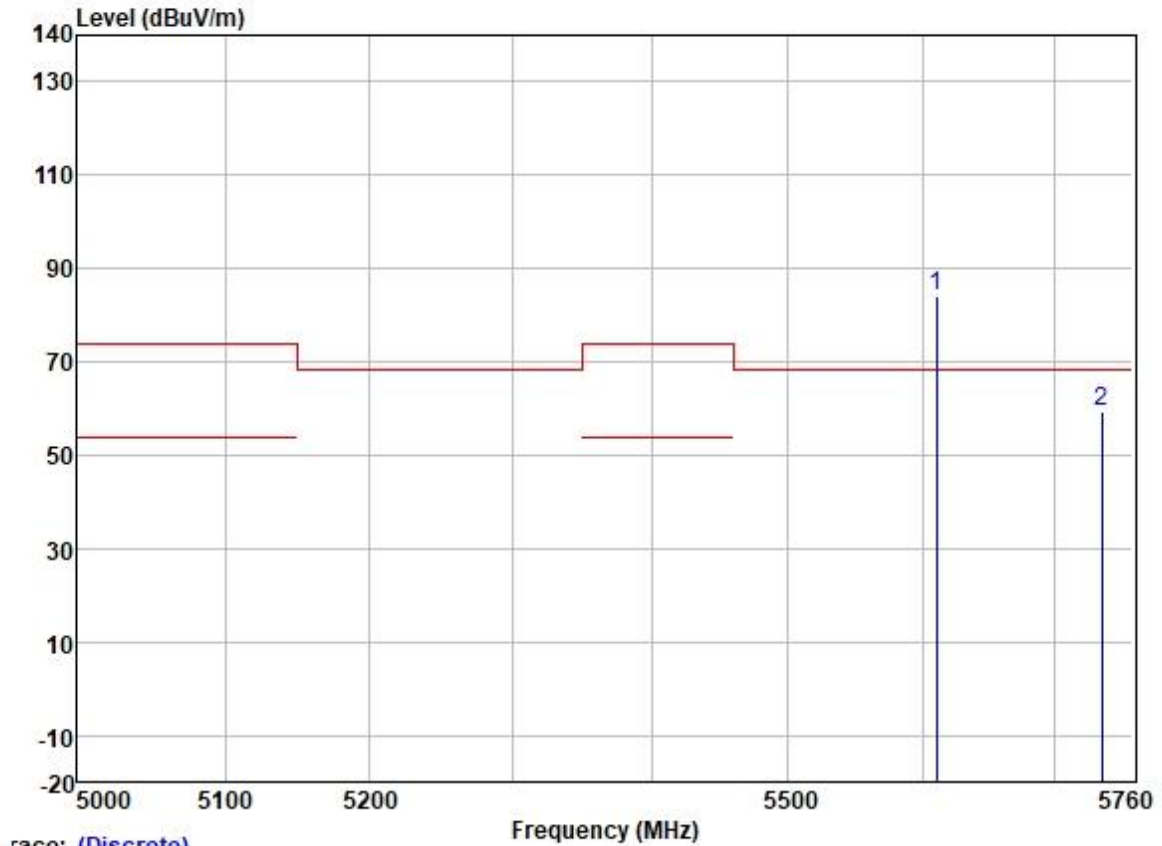
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5434.460	57.65	31.79	6.20	36.88	58.76	74.00	-15.24	HORIZONTAL Peak
2	5450.521	46.88	31.79	6.26	36.88	48.05	54.00	-5.95	HORIZONTAL Average
3	5466.271	57.30	31.80	6.31	36.88	58.53	68.20	-9.67	HORIZONTAL Peak
4	5530.000	72.35	31.83	6.37	36.89	73.66	-----	-----	HORIZONTAL Average
5 *	5530.000	81.71	31.83	6.37	36.89	83.02	68.20	14.82	HORIZONTAL Peak

Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5448.020	46.88	31.79	6.26	36.88	48.05	54.00	-5.95	VERTICAL	Average
2	5457.675	57.90	31.79	6.26	36.88	59.07	74.00	-14.93	VERTICAL	Peak
3	5463.046	57.65	31.79	6.26	36.88	58.82	68.20	-9.38	VERTICAL	Peak
4	5530.000	77.67	31.83	6.37	36.89	78.98	-----	-----	VERTICAL	Average
5 *	5530.000	87.13	31.83	6.37	36.89	88.44	68.20	20.24	VERTICAL	Peak

Test Mode: 13; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Trace: (Discrete)

	Read	Antenna	Cable	Preamp	Limit	Over			
Freq	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5610.000	82.69	31.91	6.32	36.89	84.03	68.20	15.83	HORIZONTAL Peak
2	5736.233	57.96	32.07	6.25	36.89	59.39	68.20	-8.81	HORIZONTAL Peak