



TEST REPORT

Application No.: GZCR2204000437AT
Applicant: DT Research, Inc.
Address of Applicant: 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan
Manufacturer: DT Research, Inc.
Address of Manufacturer: 2000 Concourse Drive, San Jose, CA 95131, USA
Factory: DT Research, Inc. Taiwan Branch
Address of Factory: 6F., No.36 Wuquan 7 th Rd., Wugu Dist. New Taipei City 248 Taiwan
Equipment Under Test (EUT):
EUT Name: Mobile Tablet
Model No.: 316T, 316T/MD, 316xxxx(x= 0-9, A-Z, - or null, or ., or /) ♣
♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

Trade Mark:



Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2022-04-13
Date of Test: 2022-04-14 to 2022-04-29
Date of Issue: 2022-05-05

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

Kobe Jian

Kobe Jian
EMC Laboratory Manager



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch EMC Laboratory

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2022-05-05		Original

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



2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart C 15.407 (c)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)	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 (below 1GHz)		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.

Declaration of EUT Family Grouping:

Model No.: 316xxxxx(x= 0-9, A-Z, - or null, or .,or /)

Only the model 316T was tested, since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, with only difference on model No..

This report is prepared for FCC class II permissive change.

The modular approval by TCB, FCC ID:YE3600-AX200NG, Granted on 05/25/2020.

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID: YE3600-AX200NG was performed with an antenna of lower gain, and the antenna was connected to the module in an open environment. The current host platform under application uses a new antenna, lower gain and is installed outside the host platform enclosure.

Therefore in this report Conducted Emissions at AC Power Line (150kHz-30MHz), Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions were fully retested on model 316T and shown the data in this report.



3 Contents

	Page
1 Cover Page	1
2 Test Summary	3
3 Contents	4
4 General Information	6
4.1 Details of E.U.T.	6
4.2 Description of Support Units	7
4.3 Measurement Uncertainty	7
4.4 Test Location	7
4.5 Test Facility	8
4.6 Deviation from Standards	8
4.7 Abnormalities from Standard Conditions	8
5 Equipment List	9
6 Radio Spectrum Technical Requirement	11
6.1 Antenna Requirement	11
6.1.1 Test Requirement:	11
6.1.2 Conclusion	11
6.2 Transmission in the Absence of Data	12
6.2.1 Test Requirement:	12
6.2.2 Conclusion	12
7 Radio Spectrum Matter Test Results	13
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)	13
7.1.1 E.U.T. Operation	13
7.1.2 Test Mode Description	13
7.1.3 Test Setup Diagram	14
7.1.4 Measurement Procedure and Data	15
7.2 Radiated Emissions which fall in the restricted bands	18
7.2.1 E.U.T. Operation	18
7.2.2 Test Mode Description	19
7.2.3 Test Setup Diagram	21
7.2.4 Measurement Procedure and Data	22
7.3 Radiated Emissions (below 1GHz)	163
7.3.1 E.U.T. Operation	163
7.3.2 Test Mode Description	164
7.3.3 Test Setup Diagram	166
7.3.4 Measurement Procedure and Data	166
7.4 Radiated Emissions (above 1GHz)	169
7.4.1 E.U.T. Operation	169
7.4.2 Test Mode Description	170
7.4.3 Test Setup Diagram	172
7.4.4 Measurement Procedure and Data	172
8 Test Setup Photo	347



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9 EUT Constructional Details (EUT Photos)347



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4 General Information

4.1 Details of E.U.T.

Power supply:

AC Adapter

Model: A11-065N1A

Input: AC 100-240V, 50/60Hz, 1.7A

Output: DC 19V, 3.42A, 65W

Rechargeable Lithium-Ion Polymer Battery

Model: ACC-006-60K(3ICP9/36/115)

Rated Capacity: 5400mAh

Voltage: DC 11.4V

Watt-Hour: 61.56Wh

Max Charge Voltage: 13.05V

Wall Cradle: ACC-WM210-16TMA

Cable(s):

DC cable: 175cm with a ferrite core

Internal Source:

More than 108MHz

Operation Frequency:

Band	Mode	Frequency Range(MHz)	Number of channels
UNII Band I	802.11a/n/ax(HT20)	5180-5240	4
	802.11n/ax(HT40)	5190-5230	2
	802.11ac/ax(HT80)	5210	1
UNII Band II-A	802.11a/n/ax(HT20)	5260-5320	4
	802.11n/ax(HT40)	5270-5310	2
	802.11ac/ax(HT80)	5290	1
	802.11ac/ax(HT160)	5250	1
UNII Band II-C	802.11a/n/ax(HT20)	5500-5720	12
	802.11n/ax(HT40)	5510-5710	6
	802.11ac/ax(HT80)	5530-5690	3
	802.11ac/ax(HT160)	5570	1
UNII Band III	802.11a/n/ax(HT20)	5745-5825	5
	802.11n/ax(HT40)	5755-5795	2
	802.11ac/ax(HT80)	5775	1

Modulation Type:

802.11a: OFDM (64QAM,16QAM, QPSK, BPSK)

802.11n: OFDM (256QAM, 64QAM,16QAM, QPSK, BPSK)

802.11ac: OFDM (256QAM, 64QAM,16QAM, QPSK, BPSK)

802.11ax: OFDM (1024QAM, 256QAM, 64QAM,16QAM, QPSK, BPSK)

DFS Function:

Slave without radar detection

TPC Function:

Not support

Antenna Type:

PIFA Antenna

Antenna Gain:

Antenna0: 4.1dBi, Antenna1: 3.9dBi

Note: MIMO for 802.11n/ac/ax



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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
Conducted Emissions at AC Power Line (150kHz-30MHz)	±2.76dB
Radiated Emissions which fall in the restricted bands	±5.00dB (30MHz-1GHz; 3m); ±4.38dB (30MHz-1GHz; 10m); ±4.52dB (1GHz-6GHz); ±4.54dB (above 6GHz)
Radiated Emissions (below 1GHz)	±5.00dB (30MHz-1GHz; 3m); ±4.38dB (30MHz-1GHz; 10m)
Radiated Emissions (above 1GHz)	±4.52dB (1GHz-6GHz); ±4.54dB (above 6GHz)

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.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	ChangZhou ZhongYu	8m x 3m x 3.8m	EMC0306	N/A	N/A
Two-Line V-Network	Rohde & Schwarz	ENV216	EMC0118	2021-12-23	2022-12-22
Two-Line V-Network-GZ	Rohde & Schwarz	ENV216	EMC2135	2021-09-24	2022-09-23
Coaxial Cable	HangTianXing	2m	EMC0107	2020-09-09	2022-09-08
Test Software E3c	Audix	Ver. 5.4.1221b	GZE100-62	N/A	N/A
EMI Test Receiver(9kHz-3.6GHz)	Rohde & Schwarz	ESR3	EMC2221	2021-06-01	2022-05-31

Radiated Spurious Emissions Below 1GHz					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EMI Test Receiver (10Hz-26.5GHz)	Rohde & Schwarz	ESIB26	EMC0522	2021-12-17	2022-12-16
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	2022-03-03	2025-03-02
Amplifier(9kHz-1.3GHz)	HP	8447F	EMC2065	2021-05-19	2022-05-18
High Pass Filter (915MHz)	FSY MICROWAVE	HM1465-9SS	EMC2079	2021-12-17	2022-12-16
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

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EMI Test Receiver (20Hz-26.5GHz)	Rohde & Schwarz	ESIB26	EMC0522	2021-12-17	2022-12-16
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	2021-12-17	2022-12-16
2.4GHz Filter	Micro-Tronics	BRM 50702	EMC2069	2021-12-17	2022-12-16
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2020-12-20	2023-12-19
MXE EMI Receiver (10Hz-8.4GHz)	Keysight	N9038A	EMC2139	2021-11-01	2022-10-31



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
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	2021-08-30	2022-08-29

Radiated Spurious Emissions (Above 1GHz)

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EMI Test Receiver (20Hz-26.5GHz)	Rohde & Schwarz	ESIB26	EMC0522	2021-12-17	2022-12-16
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	2021-12-17	2022-12-16
2.4GHz Filter	Micro-Tronics	BRM 50702	EMC2069	2021-12-17	2022-12-16
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2020-12-20	2023-12-19
MXE EMI Receiver(10Hz-8.4GHz)	Keysight	N9038A	EMC2139	2021-11-01	2022-10-31
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
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	2021-08-30	2022-08-29

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



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

15.203 Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of 15.211, 15.213, 15.217, 15.219, 15.221, or 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

EUT Antenna:

The antenna connector is a IPEX type that comply with Part15.203, the best case gain of the Antenna0: 4.1dBi; Antenna1: 3.9dBi.

Antenna location: Refer to internal photo.



6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart C 15.407 (c)

6.2.2 Conclusion

6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.



7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 47.2 % RH Atmospheric Pressure: 1015 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	15	Charge+TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Pre-scan	17	Charge+TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.



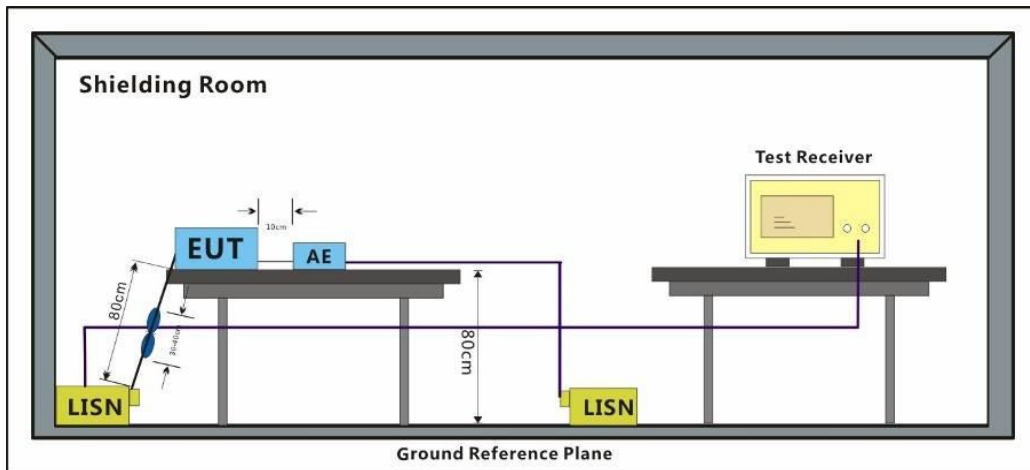
Pre-scan 19

Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

Pre-scan 21

Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor



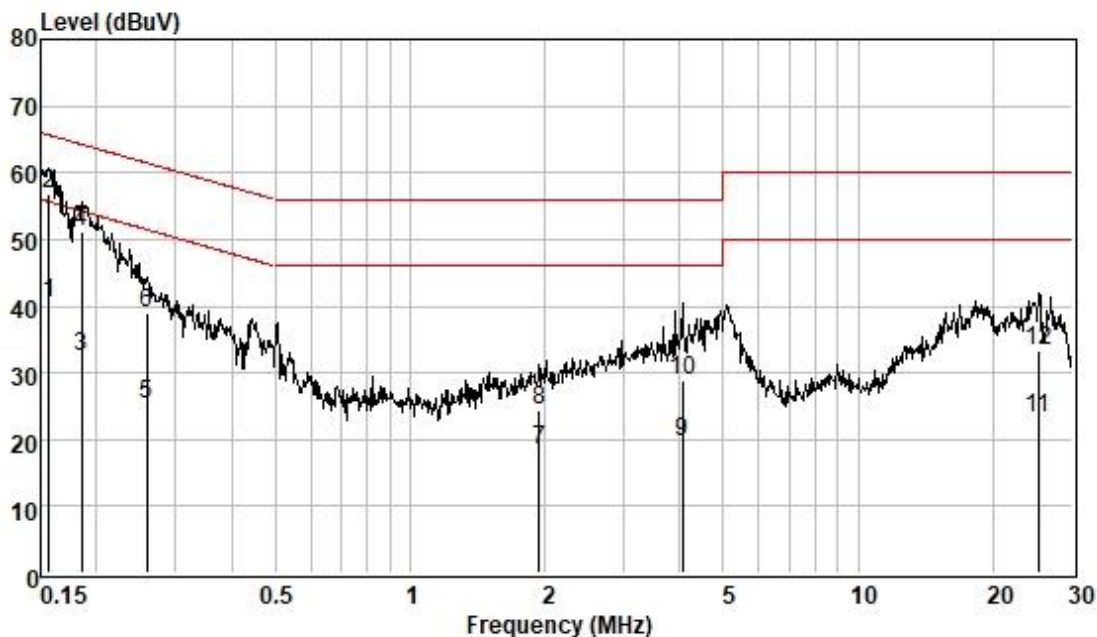
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Test Mode: 15; Line: Live line

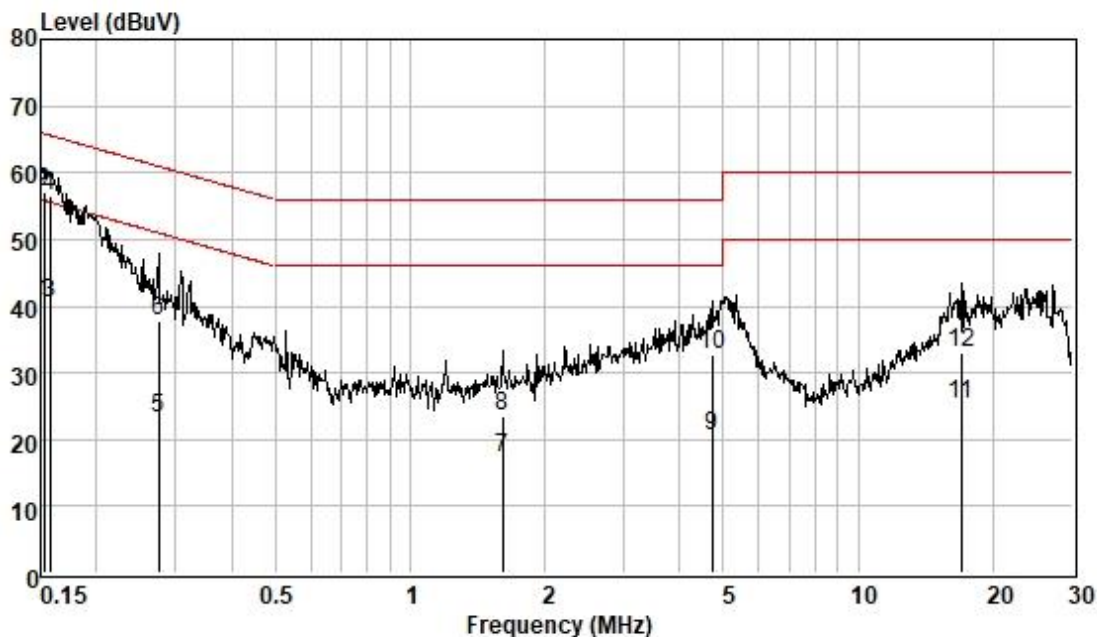


Pol : LINE
Mode :
Model :

	Freque MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit dBuV	Over Limit dB	Remark
1	0.156	30.85	0.06	9.54	40.45	55.65	-15.20	Average
2	0.156	47.09	0.06	9.54	56.69	65.65	-8.96	QP
3	0.185	22.93	0.06	9.56	32.55	54.24	-21.69	Average
4	0.185	41.45	0.06	9.56	51.07	64.24	-13.17	QP
5	0.259	15.51	0.06	9.57	25.14	51.47	-26.33	Average
6	0.259	29.25	0.06	9.57	38.88	61.47	-22.59	QP
7	1.939	8.67	0.12	9.60	18.39	46.00	-27.61	Average
8	1.939	14.69	0.12	9.60	24.41	56.00	-31.59	QP
9	4.049	9.93	0.17	9.64	19.74	46.00	-26.26	Average
10	4.049	19.17	0.17	9.64	28.98	56.00	-27.02	QP
11	25.188	13.09	0.41	9.78	23.28	50.00	-26.72	Average
12	25.188	23.11	0.41	9.78	33.30	60.00	-26.70	QP



Test Mode: 15; Line: Neutral Line

Pol : NEUTRAL
Mode :
Model :

	Freque MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
1	0.152	30.89	0.06	9.53	40.48	55.87	-15.39	Average
2	0.152	47.59	0.06	9.53	57.18	65.87	-8.69	QP
3	0.157	30.91	0.06	9.53	40.50	55.60	-15.10	Average
4	0.157	46.84	0.06	9.53	56.43	65.60	-9.17	QP
5	0.274	13.50	0.06	9.57	23.13	50.98	-27.85	Average
6	0.274	28.04	0.06	9.57	37.67	60.98	-23.31	QP
7	1.610	7.56	0.10	9.59	17.25	46.00	-28.75	Average
8	1.610	13.91	0.10	9.59	23.60	56.00	-32.40	QP
9	4.721	10.75	0.18	9.65	20.58	46.00	-25.42	Average
10	4.721	22.90	0.18	9.65	32.73	56.00	-23.27	QP
11	16.928	15.15	0.33	9.88	25.36	50.00	-24.64	Average
12	16.928	22.78	0.33	9.88	32.99	60.00	-27.01	QP



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7.2 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

Measurement Distance: 3m

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

*(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.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C

Humidity: 56.3 % RH

Atmospheric Pressure: 1015 mbar



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7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	14	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report. Charge+TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Final test	15	
Pre-scan	16	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report. Charge+TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	17	



Pre-scan 18

802.11ax(HT160). Only the data of worst case is recorded in the report.

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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

Final test 19

Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

Pre-scan 20

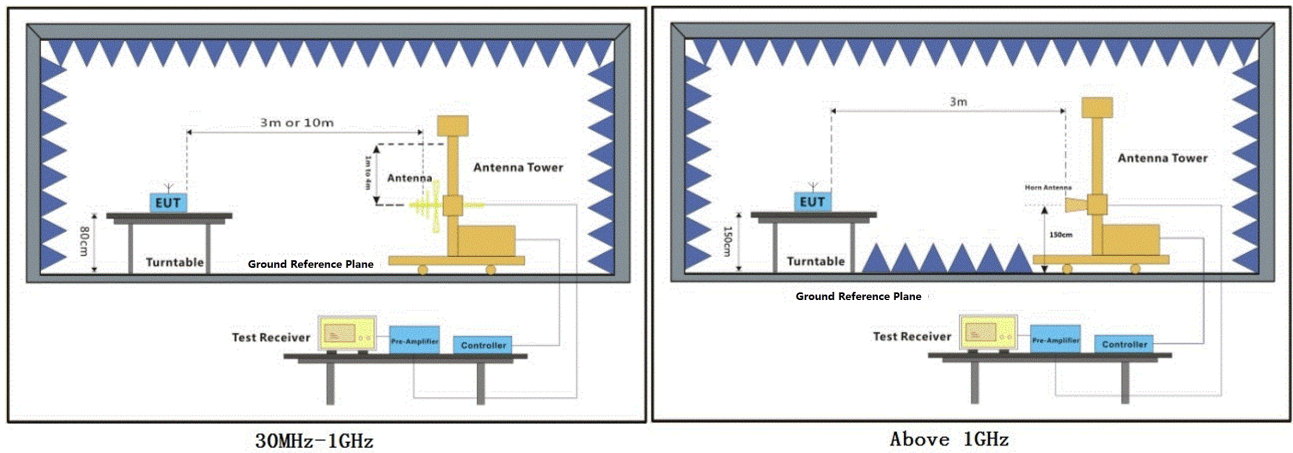
TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.

Final test 21

Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.



7.2.3 Test Setup Diagram



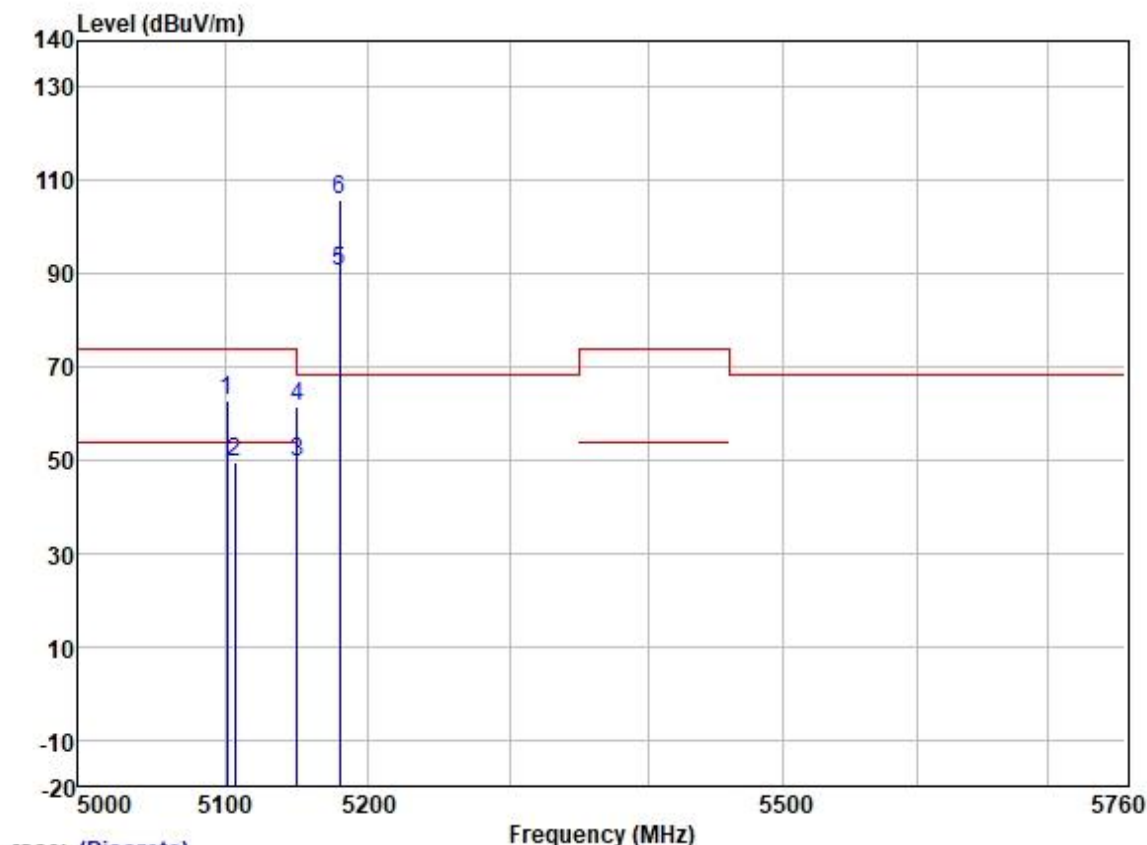
7.2.4 Measurement Procedure and Data

- 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: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

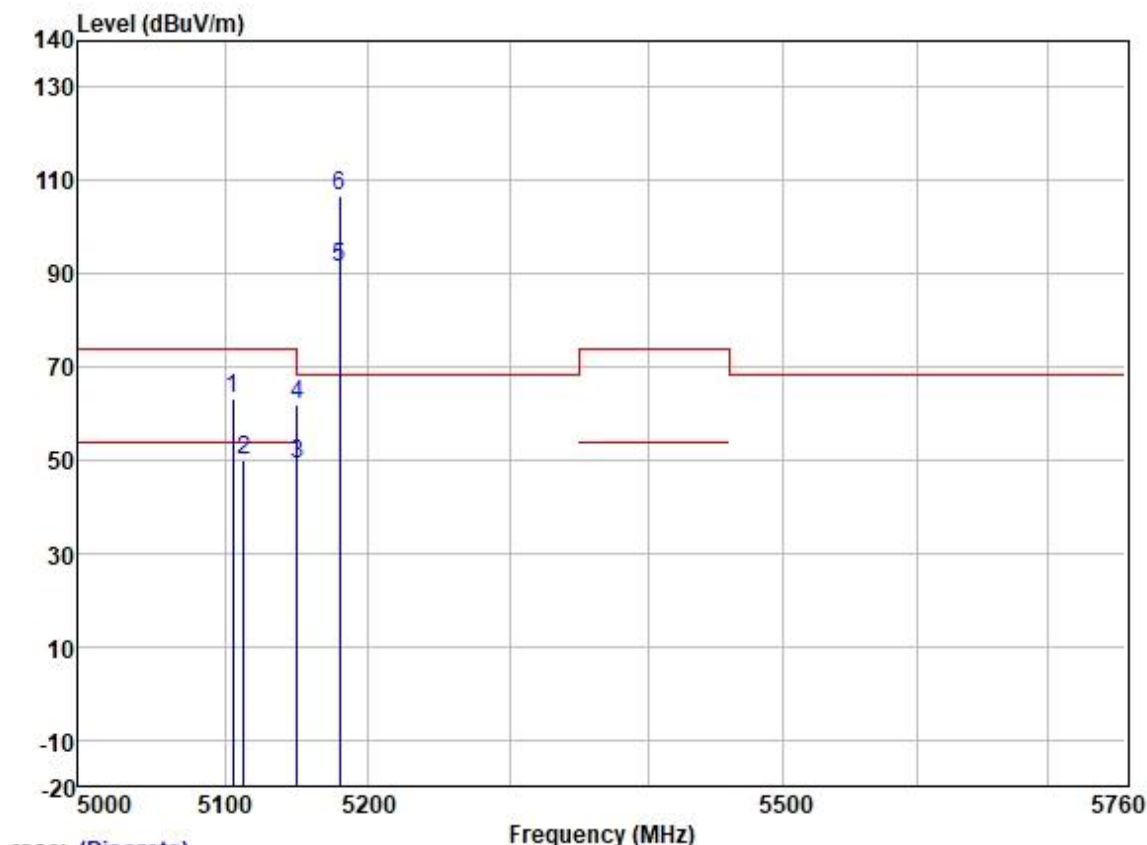


Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5101.486	62.24	31.72	5.65	36.86	62.75	74.00	-11.25	HORIZONTAL	Peak
2	5106.739	49.22	31.72	5.65	36.86	49.73	54.00	-4.27	HORIZONTAL	Average
3	5149.980	48.93	31.72	5.62	36.86	49.41	54.00	-4.59	HORIZONTAL	Average
4	5149.980	61.09	31.72	5.62	36.86	61.57	74.00	-12.43	HORIZONTAL	Peak
5	5180.000	90.00	31.73	5.61	36.87	90.47	-----	-----	HORIZONTAL	Average
6 *	5180.000	105.53	31.73	5.61	36.87	106.00	68.20	37.80	HORIZONTAL	Peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

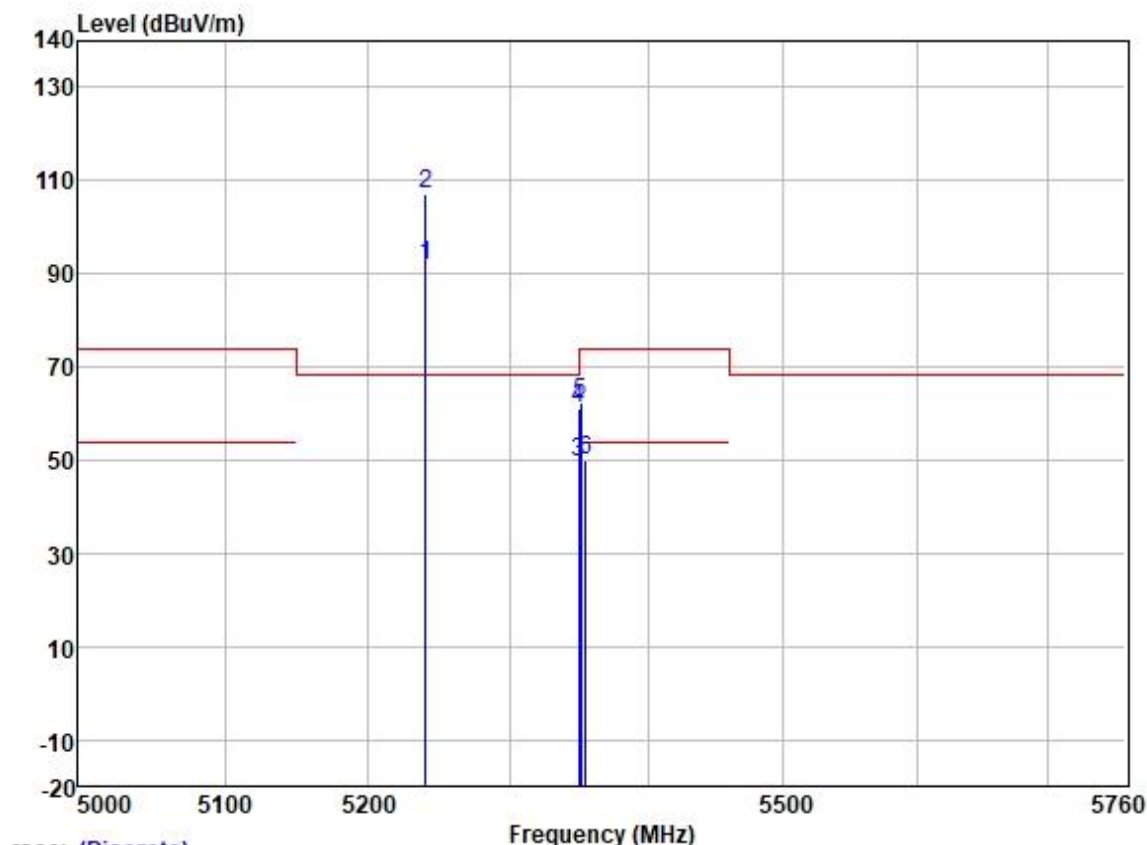


Trace: (Discrete)

	Freq	Read	Antenna	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	5105.648	62.51	31.72	5.65	36.86	63.02	74.00	-10.98	VERTICAL	Peak
2	5112.990	49.27	31.72	5.64	36.86	49.77	54.00	-4.23	VERTICAL	Average
3	5149.980	48.85	31.72	5.62	36.86	49.33	54.00	-4.67	VERTICAL	Average
4	5149.980	61.33	31.72	5.62	36.86	61.81	74.00	-12.19	VERTICAL	Peak
5	5180.000	90.68	31.73	5.61	36.87	91.15	-----	-----	VERTICAL	Average
6 *	5180.000	106.41	31.73	5.61	36.87	106.88	68.20	38.68	VERTICAL	Peak



Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

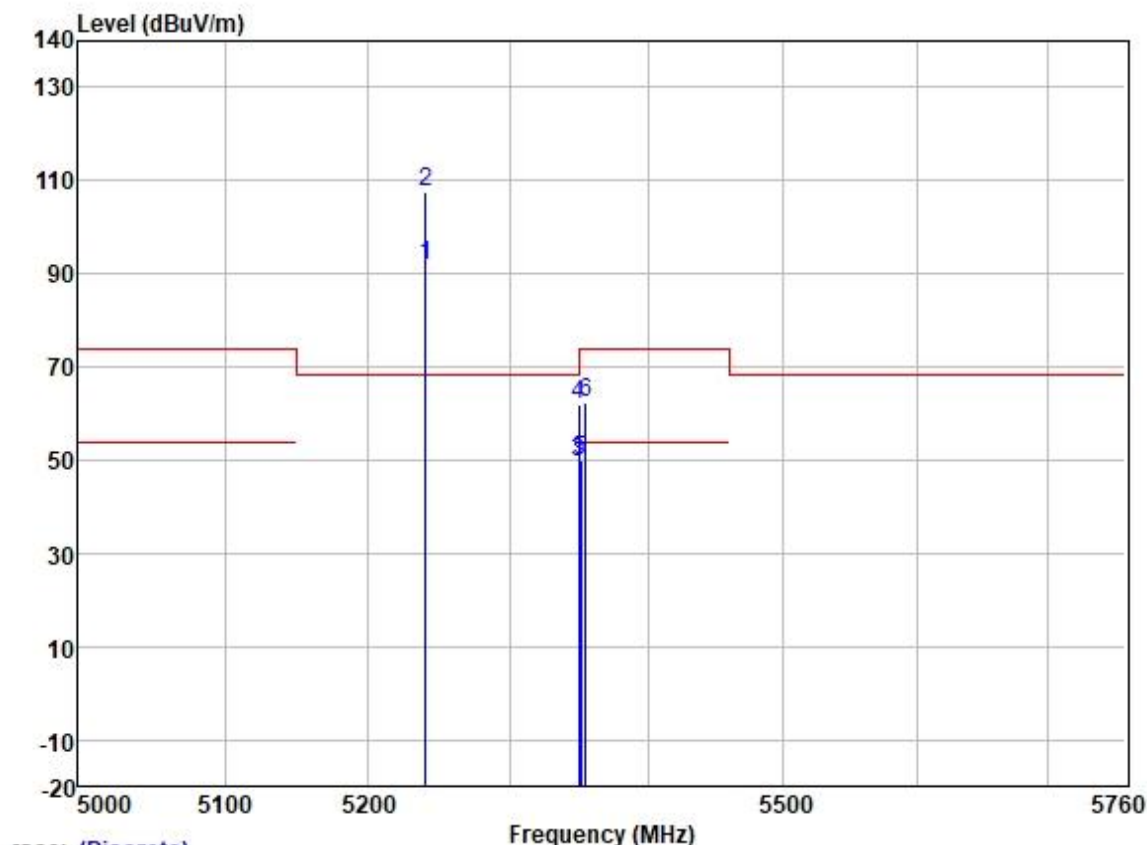
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5240.000	91.12	31.75	5.74	36.87	91.74	-----	-----	HORIZONTAL	Average
2 *	5240.000	106.73	31.75	5.74	36.87	107.35	68.20	39.15	HORIZONTAL	Peak
3	5350.020	48.67	31.77	6.05	36.88	49.61	54.00	-4.39	HORIZONTAL	Average
4	5350.020	60.20	31.77	6.05	36.88	61.14	74.00	-12.86	HORIZONTAL	Peak
5	5351.354	61.45	31.77	6.05	36.88	62.39	74.00	-11.61	HORIZONTAL	Peak
6	5354.612	48.91	31.78	6.03	36.88	49.84	54.00	-4.16	HORIZONTAL	Average



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Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

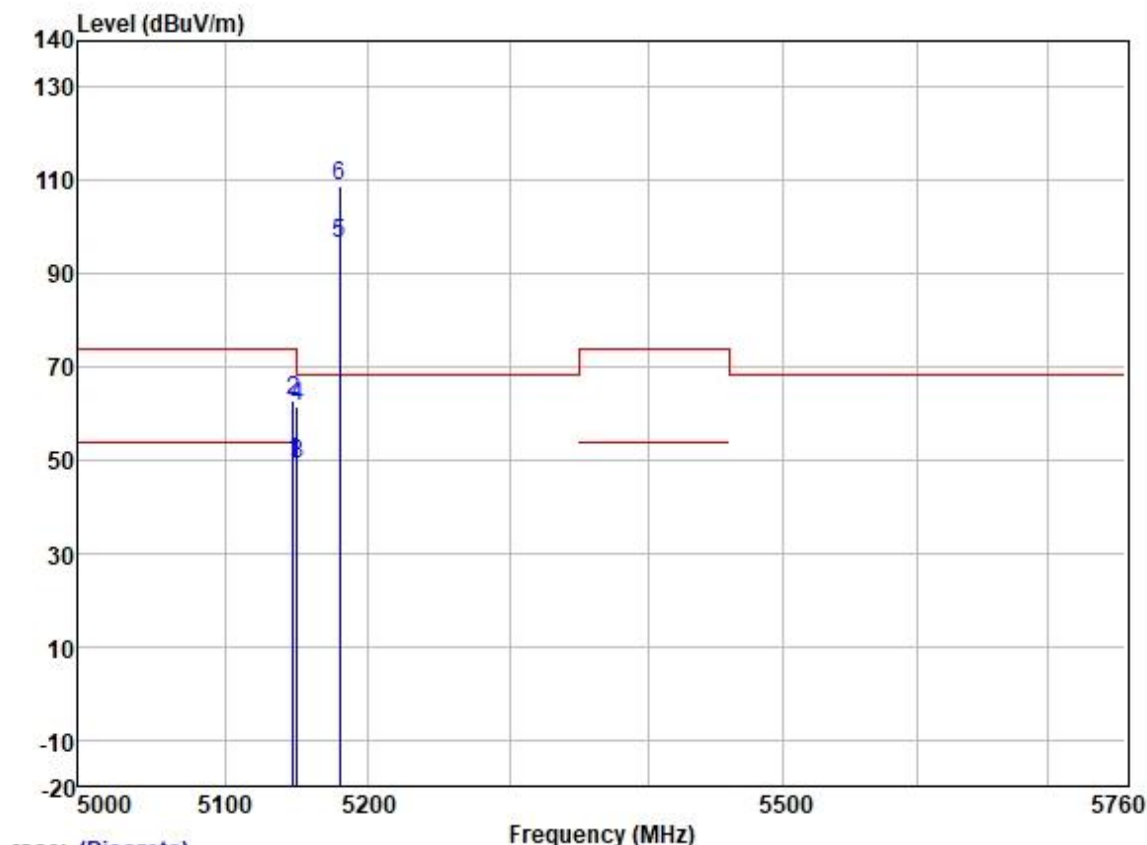
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5240.000	91.24	31.75	5.74	36.87	91.86	-----	-----	VERTICAL	Average
2 *	5240.000	106.98	31.75	5.74	36.87	107.60	68.20	39.40	VERTICAL	Peak
3	5350.020	48.75	31.77	6.05	36.88	49.69	54.00	-4.31	VERTICAL	Average
4	5350.020	60.90	31.77	6.05	36.88	61.84	74.00	-12.16	VERTICAL	Peak
5	5351.495	49.08	31.77	6.05	36.88	50.02	54.00	-3.98	VERTICAL	Average
6	5354.612	61.25	31.78	6.03	36.88	62.18	74.00	-11.82	VERTICAL	Peak



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Test Mode: 15; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

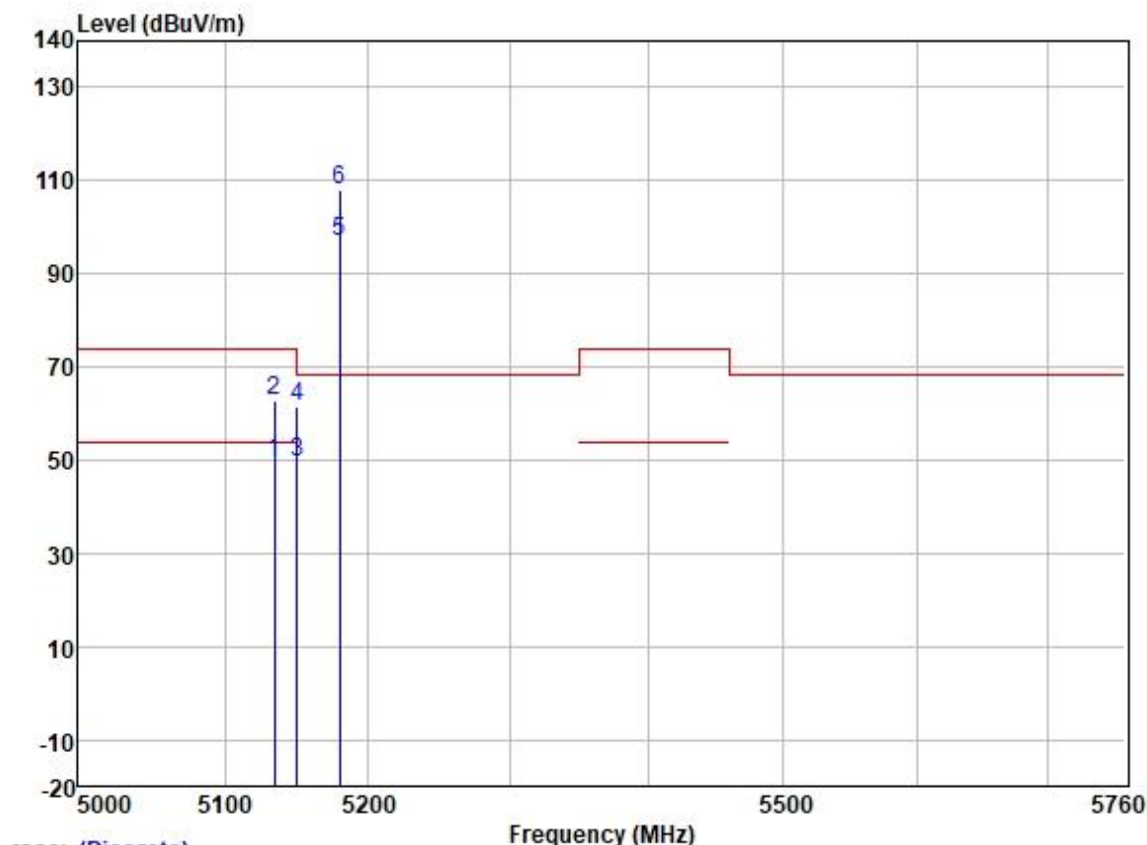


Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5147.058	49.22	31.72	5.62	36.86	49.70	54.00	-4.30	HORIZONTAL	Average
2	5147.058	62.09	31.72	5.62	36.86	62.57	74.00	-11.43	HORIZONTAL	Peak
3	5149.980	48.82	31.72	5.62	36.86	49.30	54.00	-4.70	HORIZONTAL	Average
4	5149.980	60.81	31.72	5.62	36.86	61.29	74.00	-12.71	HORIZONTAL	Peak
5	5180.000	95.84	31.73	5.61	36.87	96.31	-----	-----	HORIZONTAL	Average
6 *	5180.000	108.23	31.73	5.61	36.87	108.70	68.20	40.50	HORIZONTAL	Peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

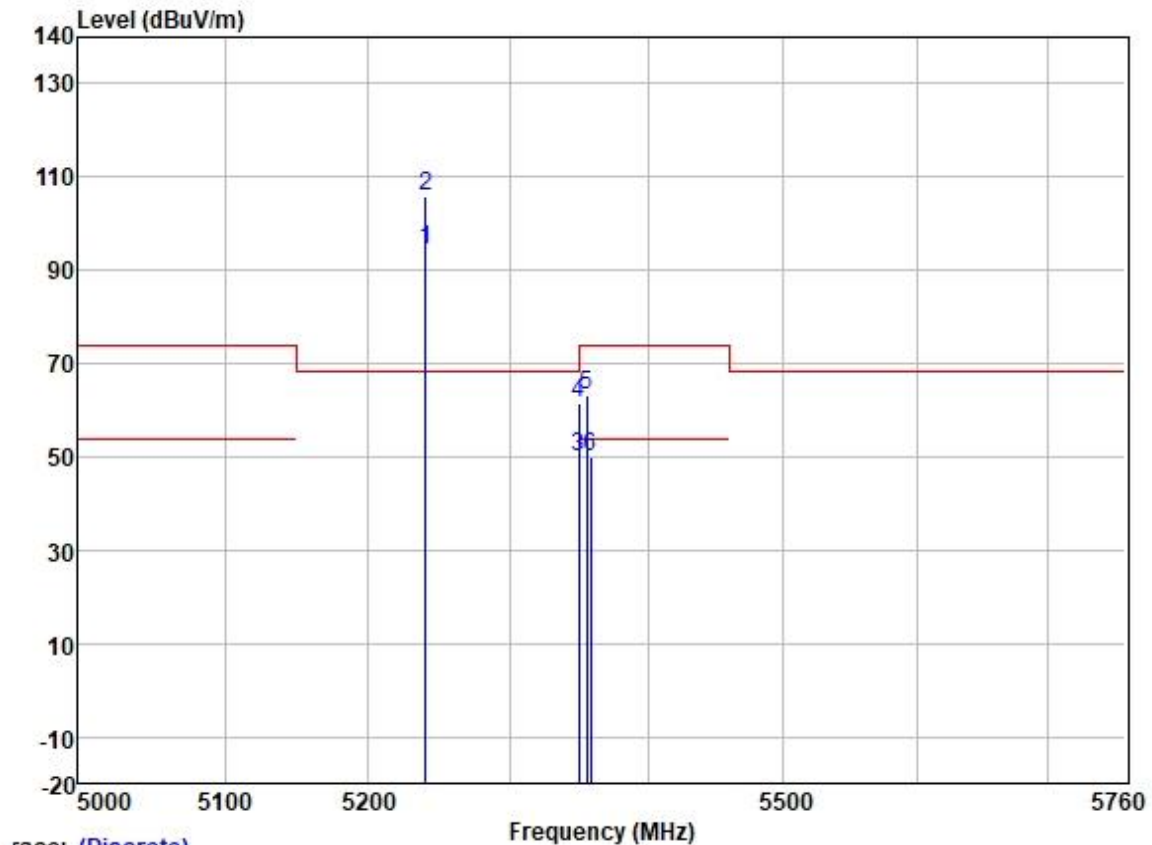
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit		
		dBuV	dB/m	dB	dB			dB		
1	5134.480	49.21	31.72	5.63	36.86	49.70	54.00	-4.30	VERTICAL	Average
2	5134.480	62.08	31.72	5.63	36.86	62.57	74.00	-11.43	VERTICAL	Peak
3	5149.980	48.97	31.72	5.62	36.86	49.45	54.00	-4.55	VERTICAL	Average
4	5149.980	61.16	31.72	5.62	36.86	61.64	74.00	-12.36	VERTICAL	Peak
5	5180.000	96.34	31.73	5.61	36.87	96.81	-----	-----	VERTICAL	Average
6 *	5180.000	107.64	31.73	5.61	36.87	108.11	68.20	39.91	VERTICAL	Peak



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Test Mode: 15; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High

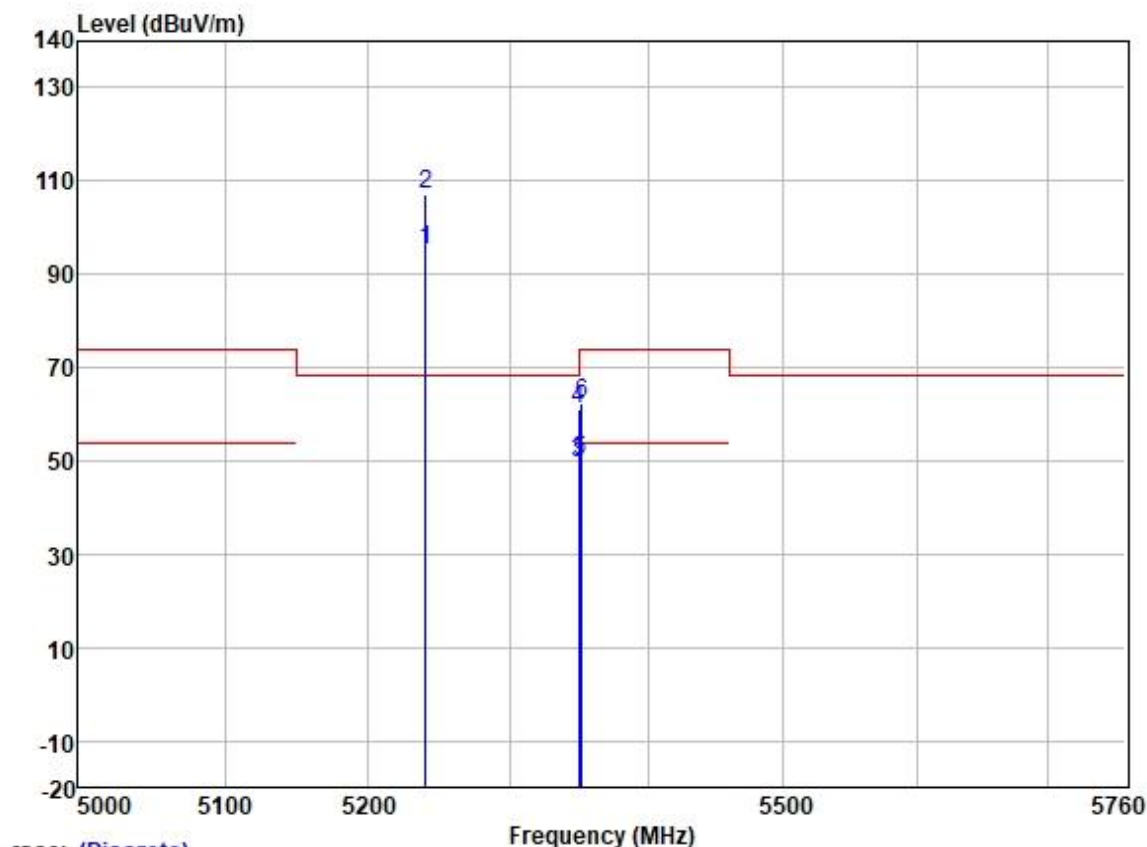


Trace: (Discrete)

	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	93.87	31.75	5.74	36.87	94.49	-----	-----	HORIZONTAL	Average
2 *	5240.000	105.33	31.75	5.74	36.87	105.95	68.20	37.75	HORIZONTAL	Peak
3	5350.020	48.84	31.77	6.05	36.88	49.78	54.00	-4.22	HORIZONTAL	Average
4	5350.020	60.43	31.77	6.05	36.88	61.37	74.00	-12.63	HORIZONTAL	Peak
5	5355.604	62.18	31.78	6.03	36.88	63.11	74.00	-10.89	HORIZONTAL	Peak
6	5358.298	48.98	31.78	6.03	36.88	49.91	54.00	-4.09	HORIZONTAL	Average



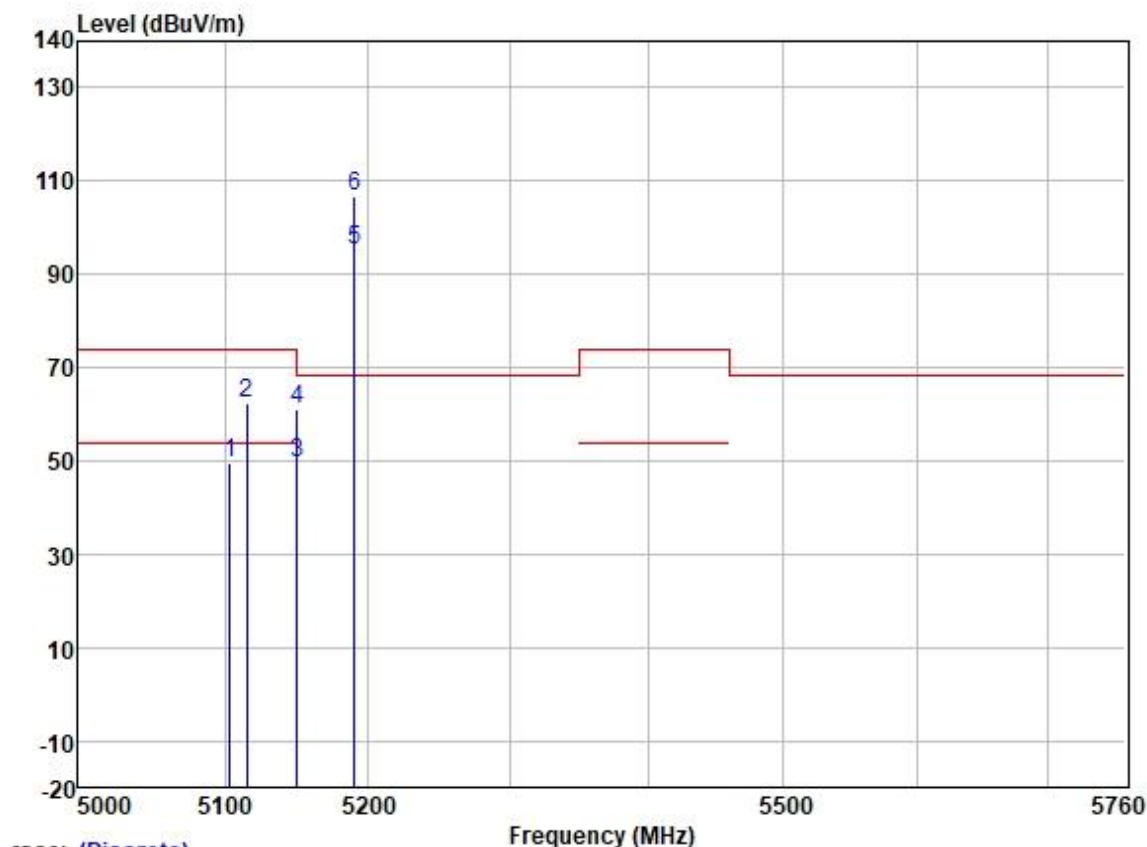
Test Mode: 15; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	94.77	31.75	5.74	36.87	95.39	-----	-----	VERTICAL	Average
2 *	5240.000	106.36	31.75	5.74	36.87	106.98	68.20	38.78	VERTICAL	Peak
3	5350.020	48.76	31.77	6.05	36.88	49.70	54.00	-4.30	VERTICAL	Average
4	5350.020	60.22	31.77	6.05	36.88	61.16	74.00	-12.84	VERTICAL	Peak
5	5351.354	48.95	31.77	6.05	36.88	49.89	54.00	-4.11	VERTICAL	Average
6	5352.062	61.50	31.77	6.05	36.88	62.44	74.00	-11.56	VERTICAL	Peak

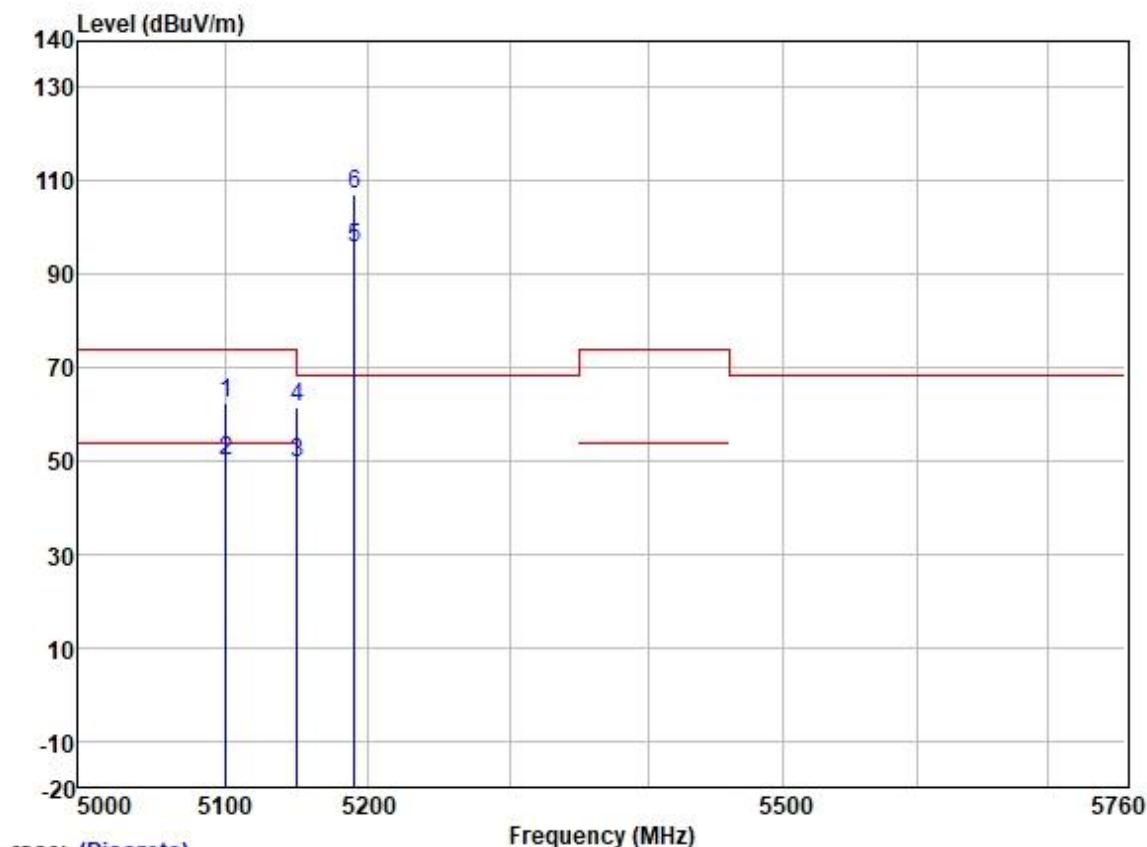
Test Mode: 15; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5103.797	49.18	31.72	5.65	36.86	49.69	54.00	-4.31	HORIZONTAL	Average
2	5115.086	61.99	31.72	5.64	36.86	62.49	74.00	-11.51	HORIZONTAL	Peak
3	5149.980	48.93	31.72	5.62	36.86	49.41	54.00	-4.59	HORIZONTAL	Average
4	5149.980	60.71	31.72	5.62	36.86	61.19	74.00	-12.81	HORIZONTAL	Peak
5	5190.000	94.57	31.73	5.60	36.87	95.03	-----	-----	HORIZONTAL	Average
6 *	5190.000	106.38	31.73	5.60	36.87	106.84	68.20	38.64	HORIZONTAL	Peak

Test Mode: 15; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

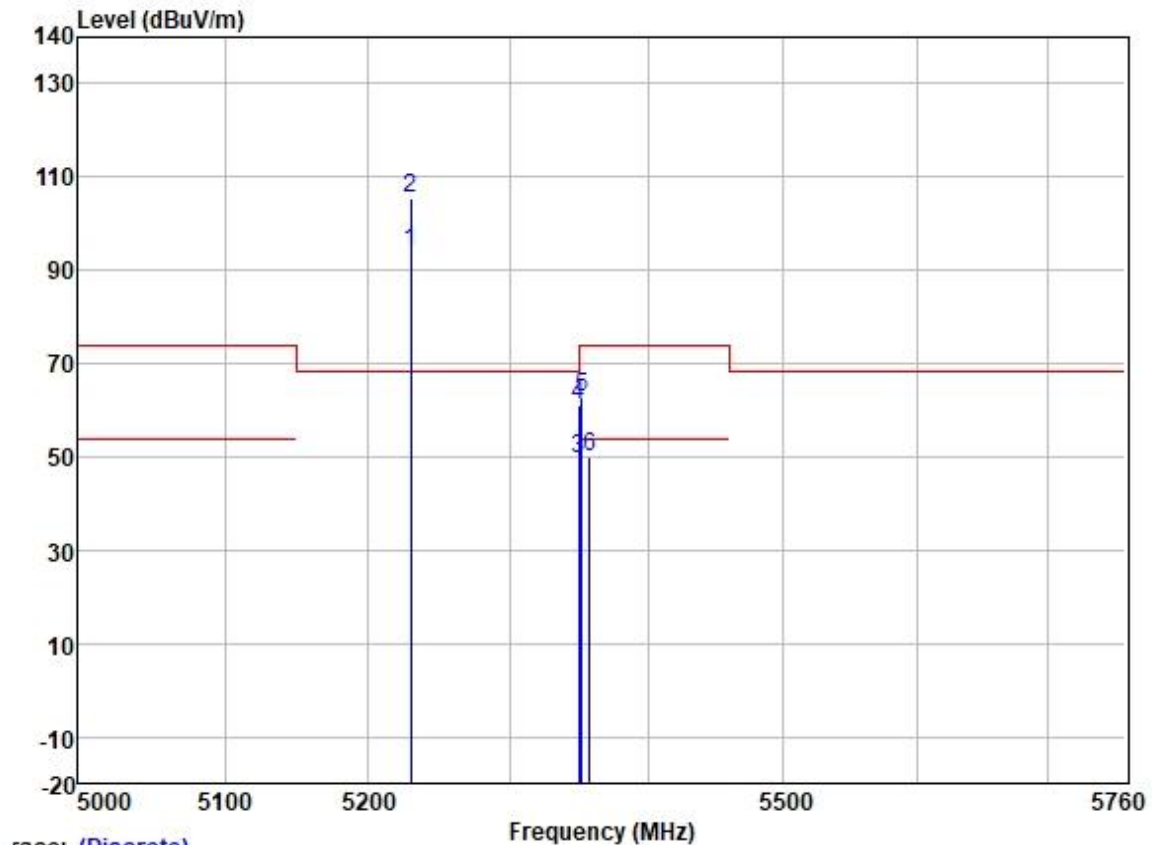
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5100.593	61.92	31.72	5.65	36.86	62.43	74.00	-11.57	VERTICAL	Peak
2	5100.712	49.34	31.72	5.65	36.86	49.85	54.00	-4.15	VERTICAL	Average
3	5149.980	49.05	31.72	5.62	36.86	49.53	54.00	-4.47	VERTICAL	Average
4	5149.980	61.16	31.72	5.62	36.86	61.64	74.00	-12.36	VERTICAL	Peak
5	5190.000	95.18	31.73	5.60	36.87	95.64	-----	-----	VERTICAL	Average
6 *	5190.000	106.55	31.73	5.60	36.87	107.01	68.20	38.81	VERTICAL	Peak



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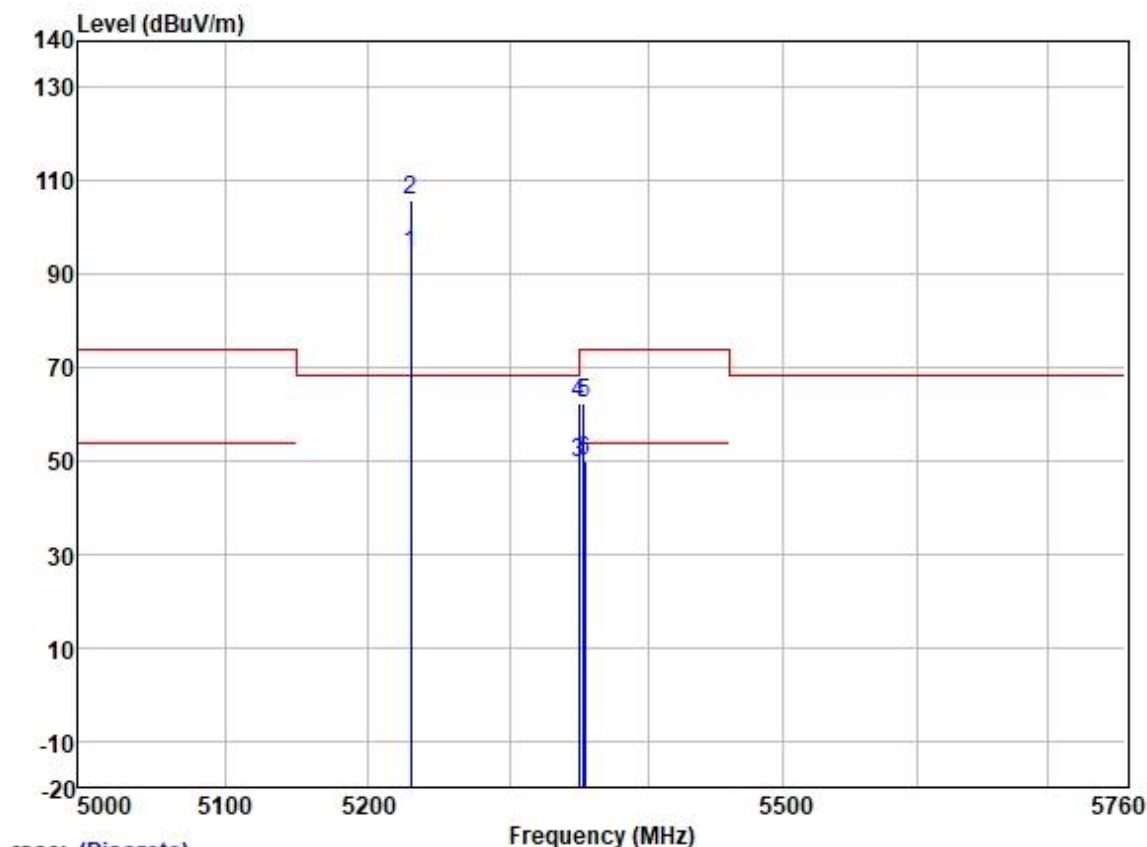
Test Mode: 15; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



		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	5230.000	93.41	31.74	5.70	36.87	93.98	-----	-----	HORIZONTAL	Average
2 *	5230.000	105.04	31.74	5.70	36.87	105.61	68.20	37.41	HORIZONTAL	Peak
3	5350.020	48.67	31.77	6.05	36.88	49.61	54.00	-4.39	HORIZONTAL	Average
4	5350.020	60.05	31.77	6.05	36.88	60.99	74.00	-13.01	HORIZONTAL	Peak
5	5352.208	61.68	31.77	6.05	36.88	62.62	74.00	-11.38	HORIZONTAL	Peak
6	5357.889	48.92	31.78	6.03	36.88	49.85	54.00	-4.15	HORIZONTAL	Average

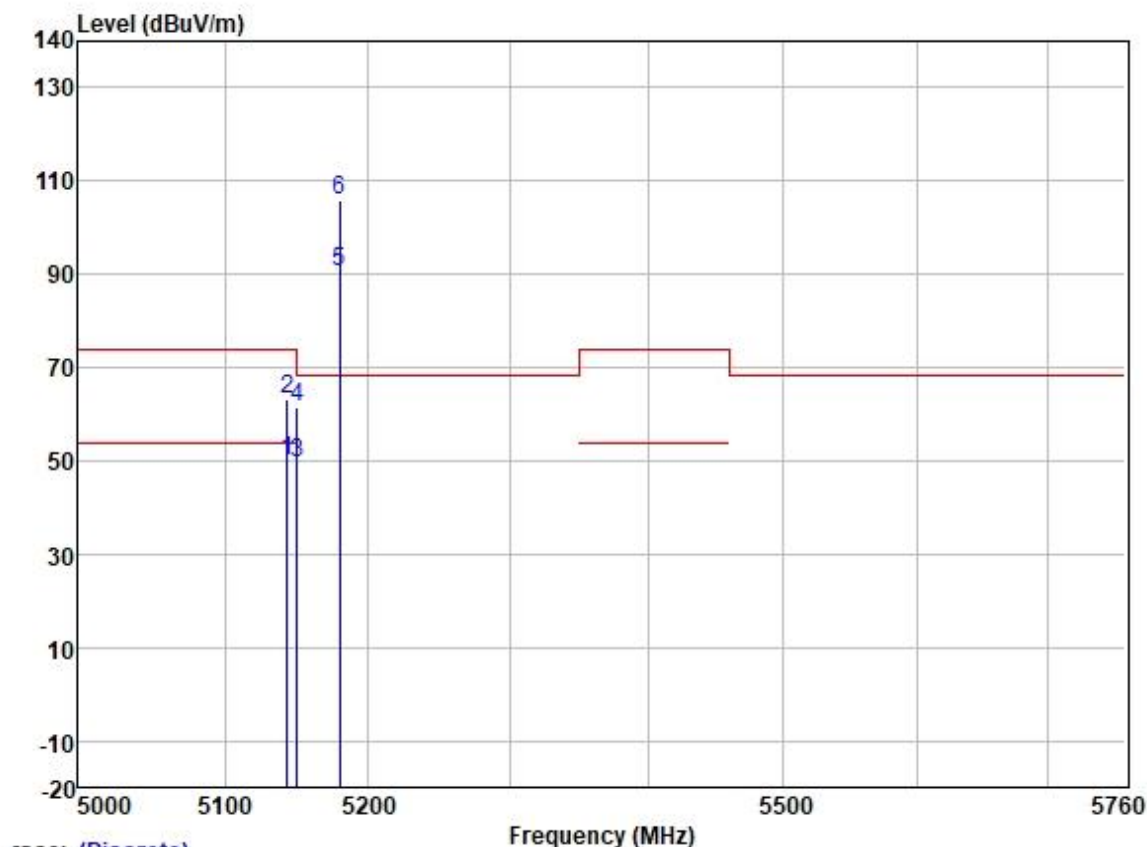


Test Mode: 15; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



		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	5230.000	93.92	31.74	5.70	36.87	94.49	-----	-----	VERTICAL	Average
2 *	5230.000	105.13	31.74	5.70	36.87	105.70	68.20	37.50	VERTICAL	Peak
3	5350.020	48.77	31.77	6.05	36.88	49.71	54.00	-4.29	VERTICAL	Average
4	5350.020	61.22	31.77	6.05	36.88	62.16	74.00	-11.84	VERTICAL	Peak
5	5353.669	61.20	31.77	6.05	36.88	62.14	74.00	-11.86	VERTICAL	Peak
6	5353.831	48.94	31.77	6.05	36.88	49.88	54.00	-4.12	VERTICAL	Average

Test Mode: 15; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

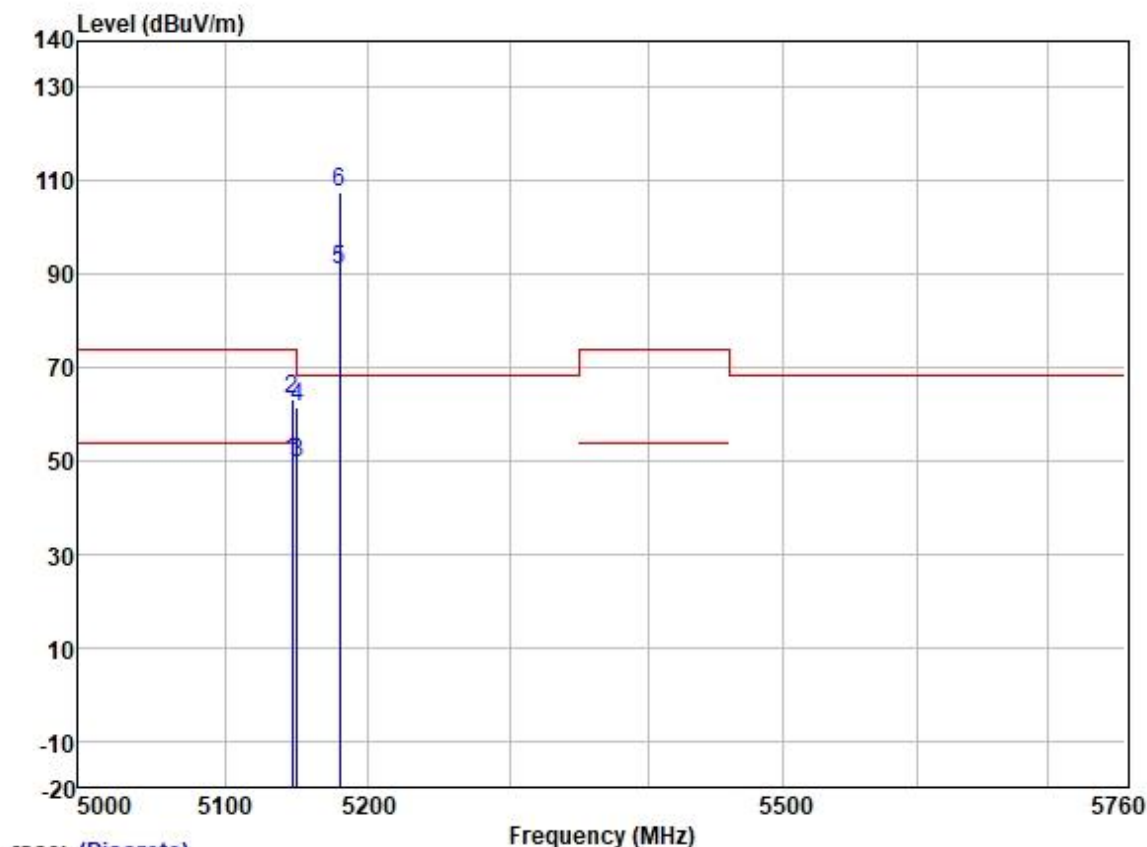


Trace: (Discrete)

	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	5143.461	49.49	31.72	5.62	36.86	49.97	54.00	-4.03	HORIZONTAL	Average
2	5143.461	62.85	31.72	5.62	36.86	63.33	74.00	-10.67	HORIZONTAL	Peak
3	5149.980	49.22	31.72	5.62	36.86	49.70	54.00	-4.30	HORIZONTAL	Average
4	5149.980	61.15	31.72	5.62	36.86	61.63	74.00	-12.37	HORIZONTAL	Peak
5	5180.000	89.89	31.73	5.61	36.87	90.36	-----	-----	HORIZONTAL	Average
6 *	5180.000	105.35	31.73	5.61	36.87	105.82	68.20	37.62	HORIZONTAL	Peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5146.658	49.42	31.72	5.62	36.86	49.90	54.00	-4.10	VERTICAL	Average
2	5146.658	62.51	31.72	5.62	36.86	62.99	74.00	-11.01	VERTICAL	Peak
3	5149.980	49.14	31.72	5.62	36.86	49.62	54.00	-4.38	VERTICAL	Average
4	5149.980	60.98	31.72	5.62	36.86	61.46	74.00	-12.54	VERTICAL	Peak
5	5180.000	90.58	31.73	5.61	36.87	91.05	-----	-----	VERTICAL	Average
6 *	5180.000	107.13	31.73	5.61	36.87	107.60	68.20	39.40	VERTICAL	Peak

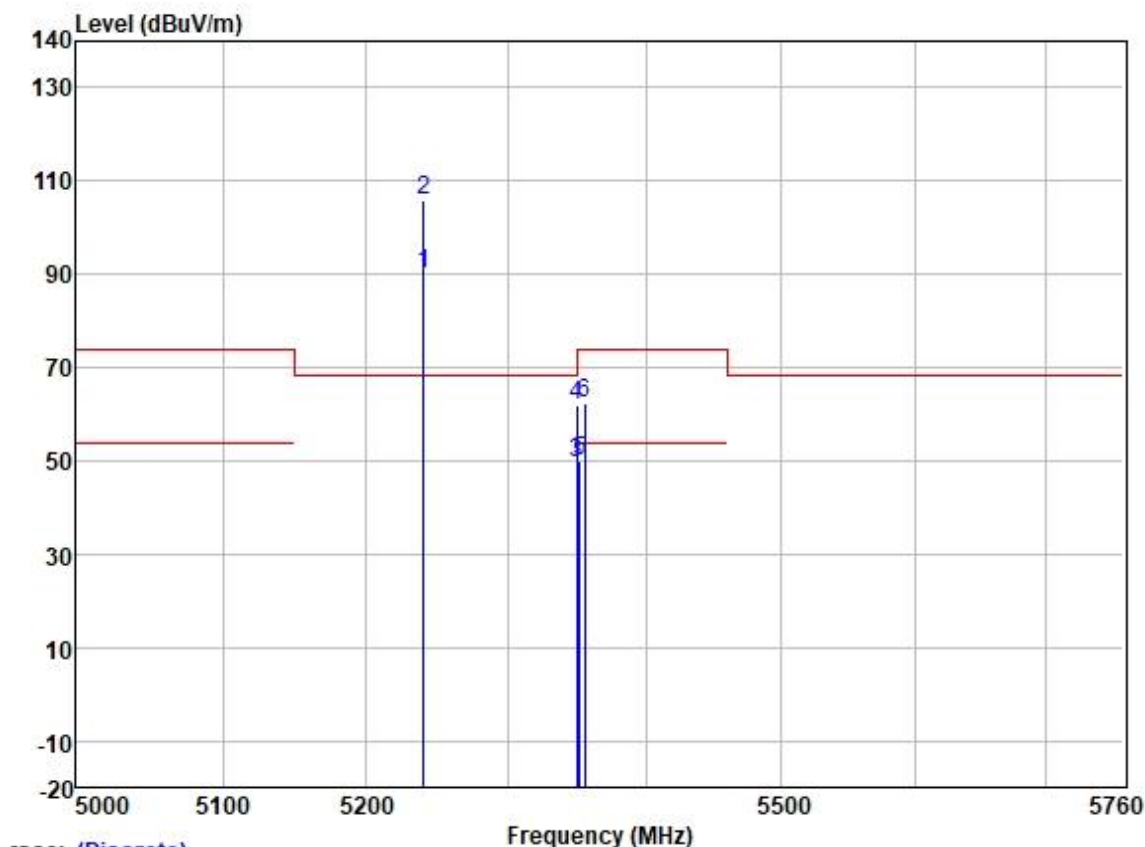


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Test Mode: 15; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

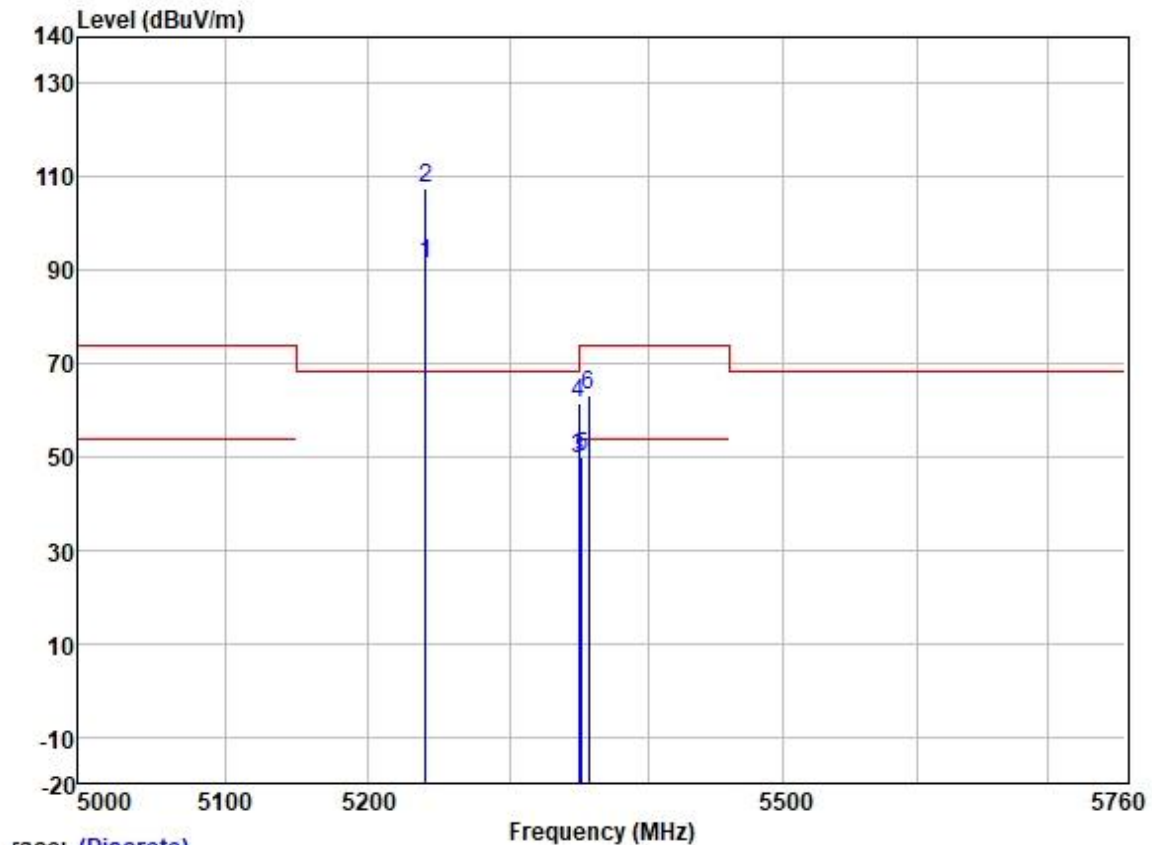


Trace: (Discrete)

	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	89.62	31.75	5.74	36.87	90.24	-----	-----	HORIZONTAL	Average
2 *	5240.000	105.39	31.75	5.74	36.87	106.01	68.20	37.81	HORIZONTAL	Peak
3	5350.020	48.80	31.77	6.05	36.88	49.74	54.00	-4.26	HORIZONTAL	Average
4	5350.020	60.82	31.77	6.05	36.88	61.76	74.00	-12.24	HORIZONTAL	Peak
5	5352.062	49.01	31.77	6.05	36.88	49.95	54.00	-4.05	HORIZONTAL	Average
6	5355.321	61.48	31.78	6.03	36.88	62.41	74.00	-11.59	HORIZONTAL	Peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11ac; 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	90.89	31.75	5.74	36.87	91.51	-----	-----	VERTICAL	Average
2 *	5240.000	107.01	31.75	5.74	36.87	107.63	68.20	39.43	VERTICAL	Peak
3	5350.020	48.75	31.77	6.05	36.88	49.69	54.00	-4.31	VERTICAL	Average
4	5350.020	60.40	31.77	6.05	36.88	61.34	74.00	-12.66	VERTICAL	Peak
5	5352.203	49.00	31.77	6.05	36.88	49.94	54.00	-4.06	VERTICAL	Average
6	5357.022	62.13	31.78	6.03	36.88	63.06	74.00	-10.94	VERTICAL	Peak

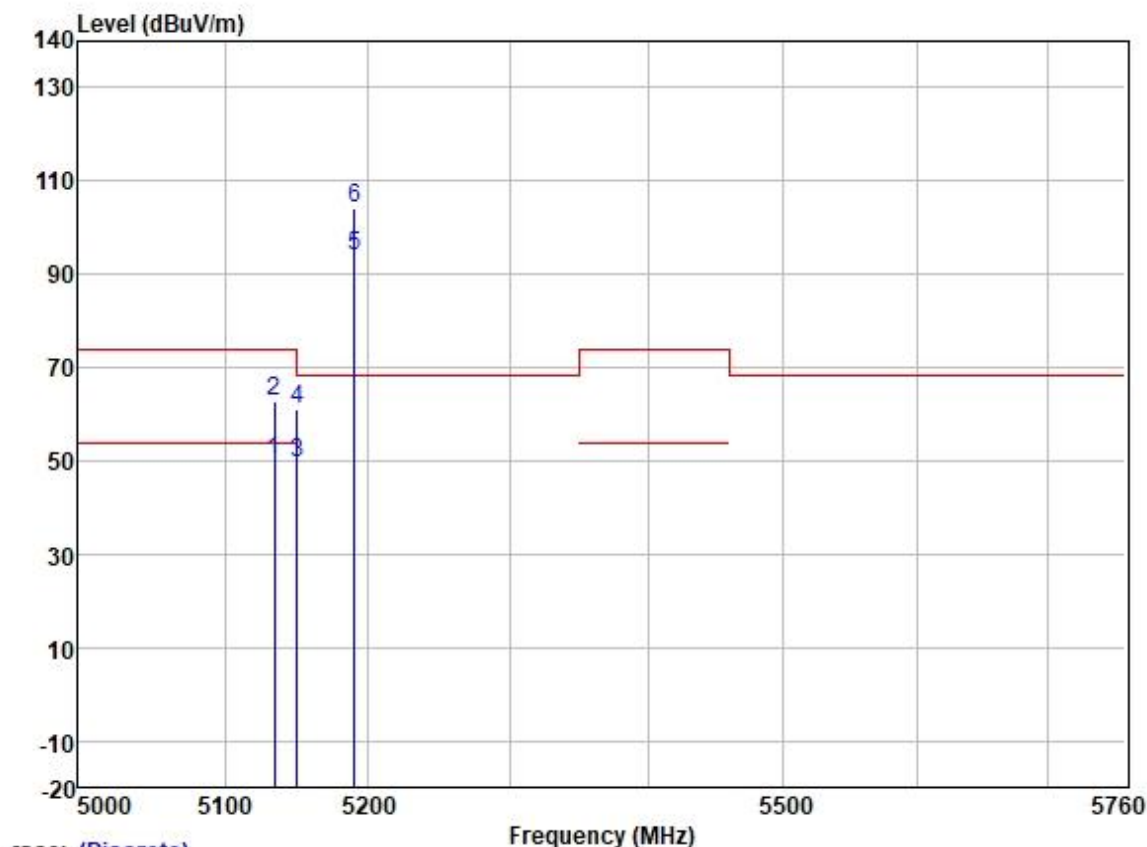


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SGS-CSTC Standards Technical Services Co., Ltd. No.198 Kezhu Road, Science Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075058 www.sgsgroup.com.cn
Guangzhou Branch, EMC Laboratory 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

Test Mode: 15; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

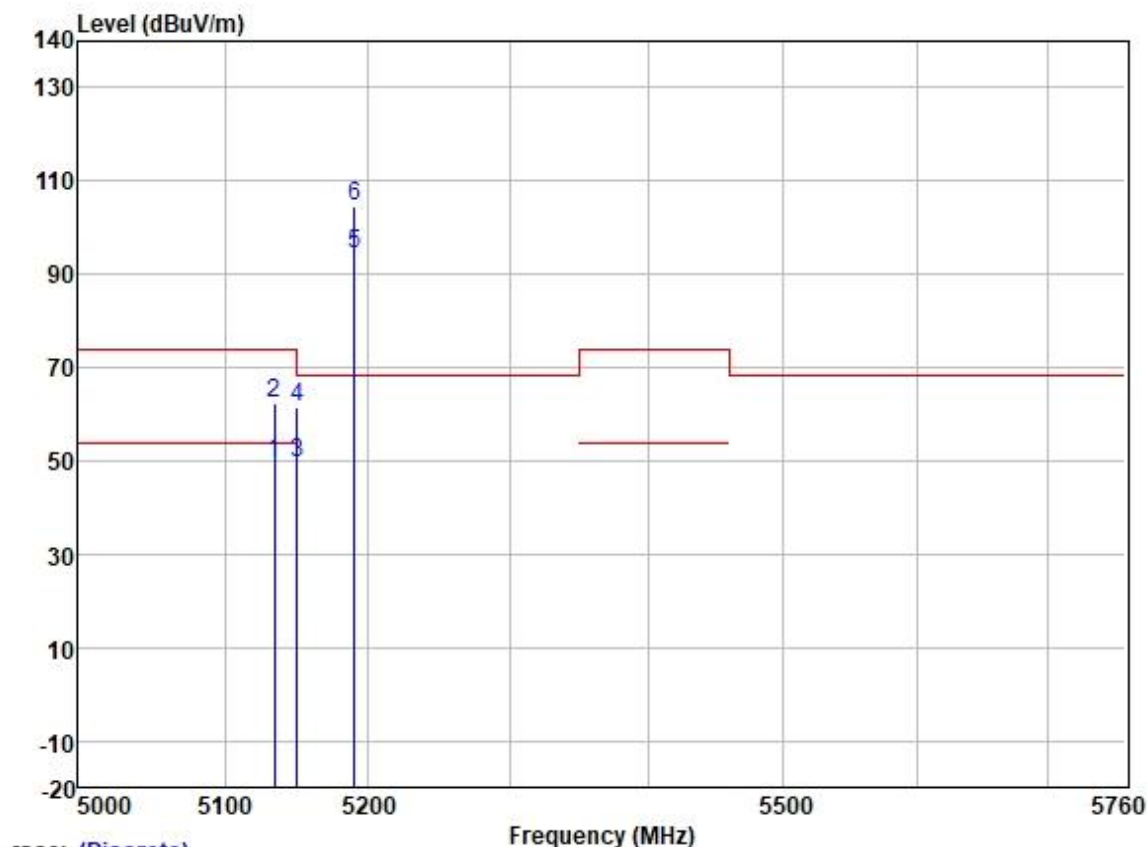
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5134.155	49.34	31.72	5.63	36.86	49.83	54.00	-4.17	HORIZONTAL	Average
2	5134.155	62.47	31.72	5.63	36.86	62.96	74.00	-11.04	HORIZONTAL	Peak
3	5149.980	49.04	31.72	5.62	36.86	49.52	54.00	-4.48	HORIZONTAL	Average
4	5149.980	60.68	31.72	5.62	36.86	61.16	74.00	-12.84	HORIZONTAL	Peak
5	5190.000	93.43	31.73	5.60	36.87	93.89	-----	-----	HORIZONTAL	Average
6 *	5190.000	103.78	31.73	5.60	36.87	104.24	68.20	36.04	HORIZONTAL	Peak



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Test Mode: 15; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

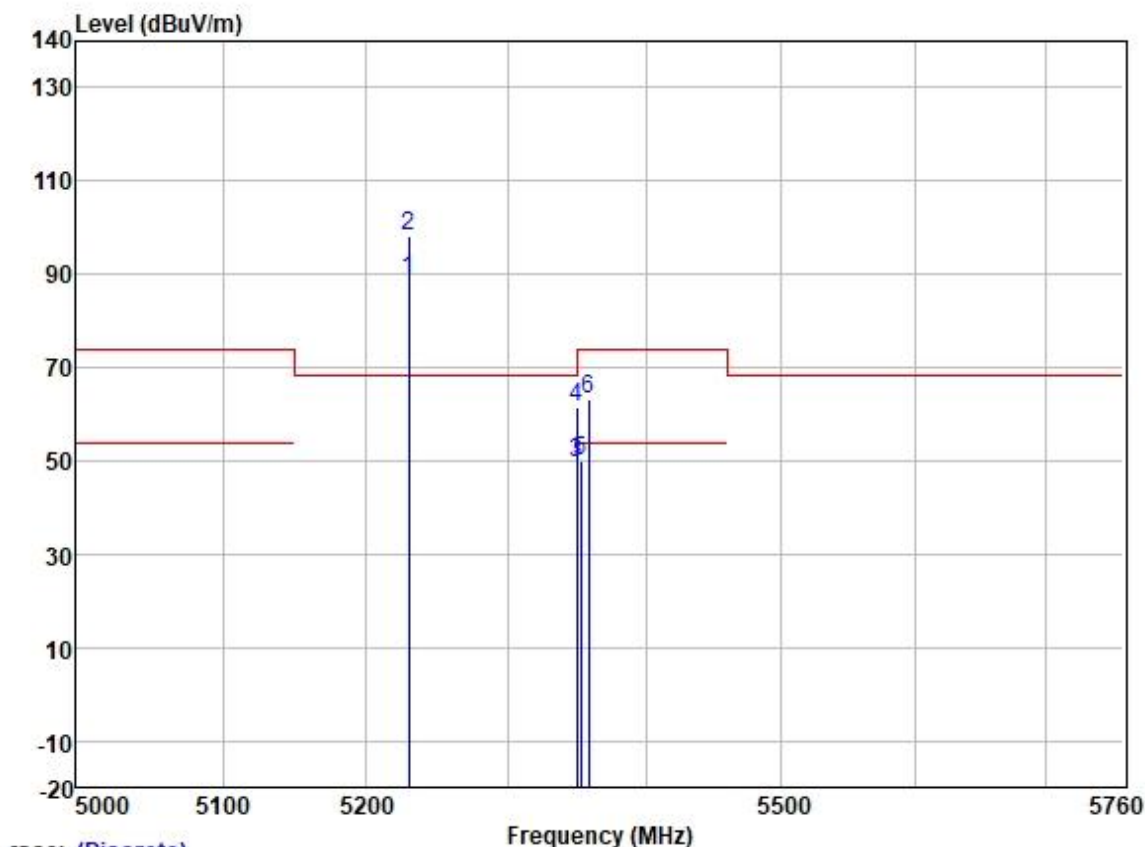
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5134.036	49.23	31.72	5.63	36.86	49.72	54.00	-4.28	VERTICAL	Average
2	5134.036	61.90	31.72	5.63	36.86	62.39	74.00	-11.61	VERTICAL	Peak
3	5149.980	49.07	31.72	5.62	36.86	49.55	54.00	-4.45	VERTICAL	Average
4	5149.980	60.98	31.72	5.62	36.86	61.46	74.00	-12.54	VERTICAL	Peak
5	5190.000	93.98	31.73	5.60	36.87	94.44	-----	-----	VERTICAL	Average
6 *	5190.000	103.96	31.73	5.60	36.87	104.42	68.20	36.22	VERTICAL	Peak



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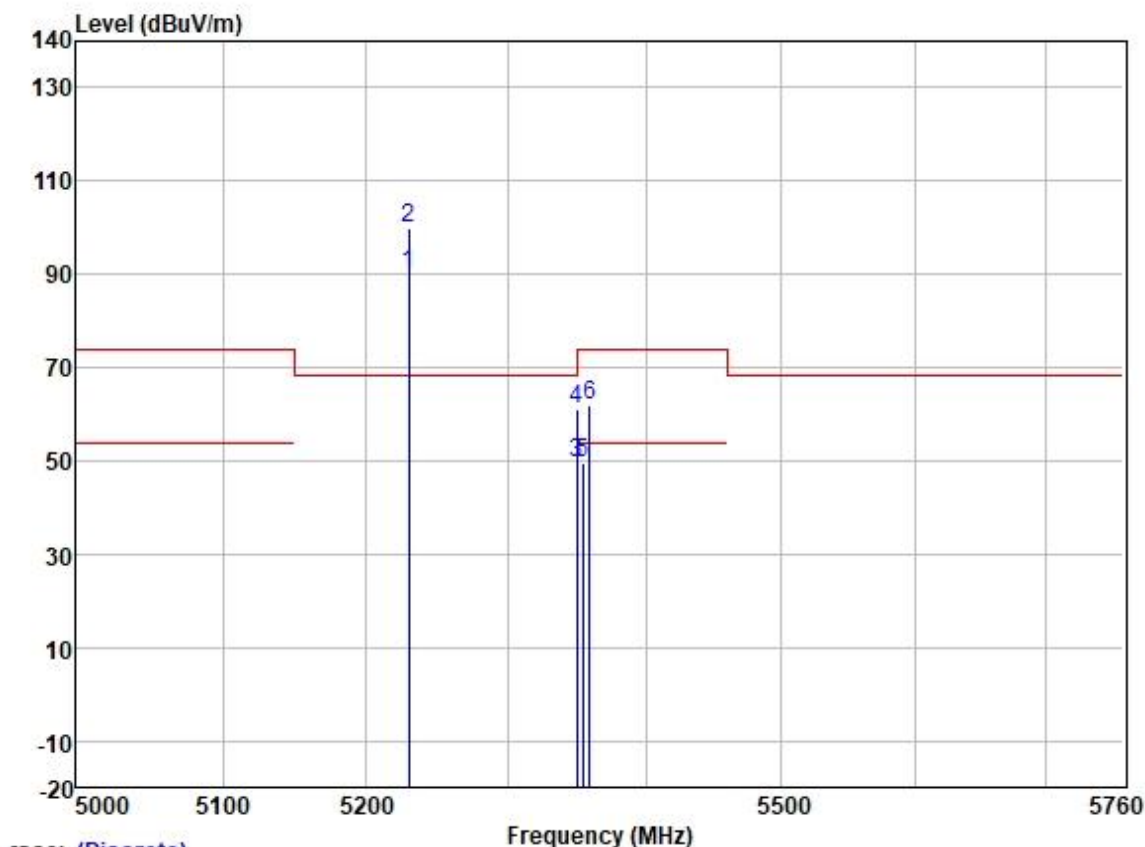
Test Mode: 15; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



		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	5230.000	88.28	31.74	5.70	36.87	88.85	-----	-----	HORIZONTAL	Average
2 *	5230.000	97.62	31.74	5.70	36.87	98.19	68.20	29.99	HORIZONTAL	Peak
3	5350.020	48.75	31.77	6.05	36.88	49.69	54.00	-4.31	HORIZONTAL	Average
4	5350.020	60.70	31.77	6.05	36.88	61.64	74.00	-12.36	HORIZONTAL	Peak
5	5352.695	48.83	31.77	6.05	36.88	49.77	54.00	-4.23	HORIZONTAL	Average
6	5358.538	62.19	31.78	6.03	36.88	63.12	74.00	-10.88	HORIZONTAL	Peak



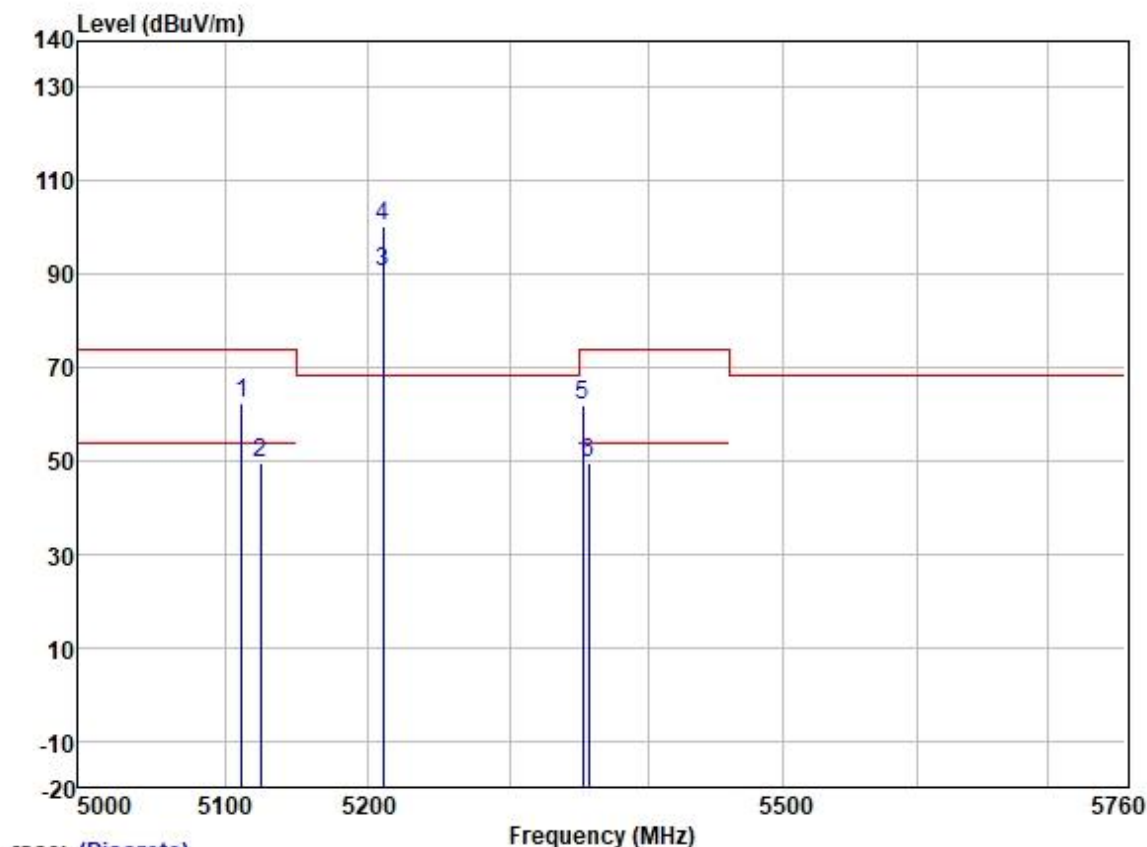
Test Mode: 15; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	5230.000	89.68	31.74	5.70	36.87	90.25	-----	-----	VERTICAL	Average
2 *	5230.000	99.50	31.74	5.70	36.87	100.07	68.20	31.87	VERTICAL	Peak
3	5350.020	48.58	31.77	6.05	36.88	49.52	54.00	-4.48	VERTICAL	Average
4	5350.020	60.09	31.77	6.05	36.88	61.03	74.00	-12.97	VERTICAL	Peak
5	5353.993	48.79	31.77	6.05	36.88	49.73	54.00	-4.27	VERTICAL	Average
6	5359.025	61.10	31.78	6.03	36.88	62.03	74.00	-11.97	VERTICAL	Peak

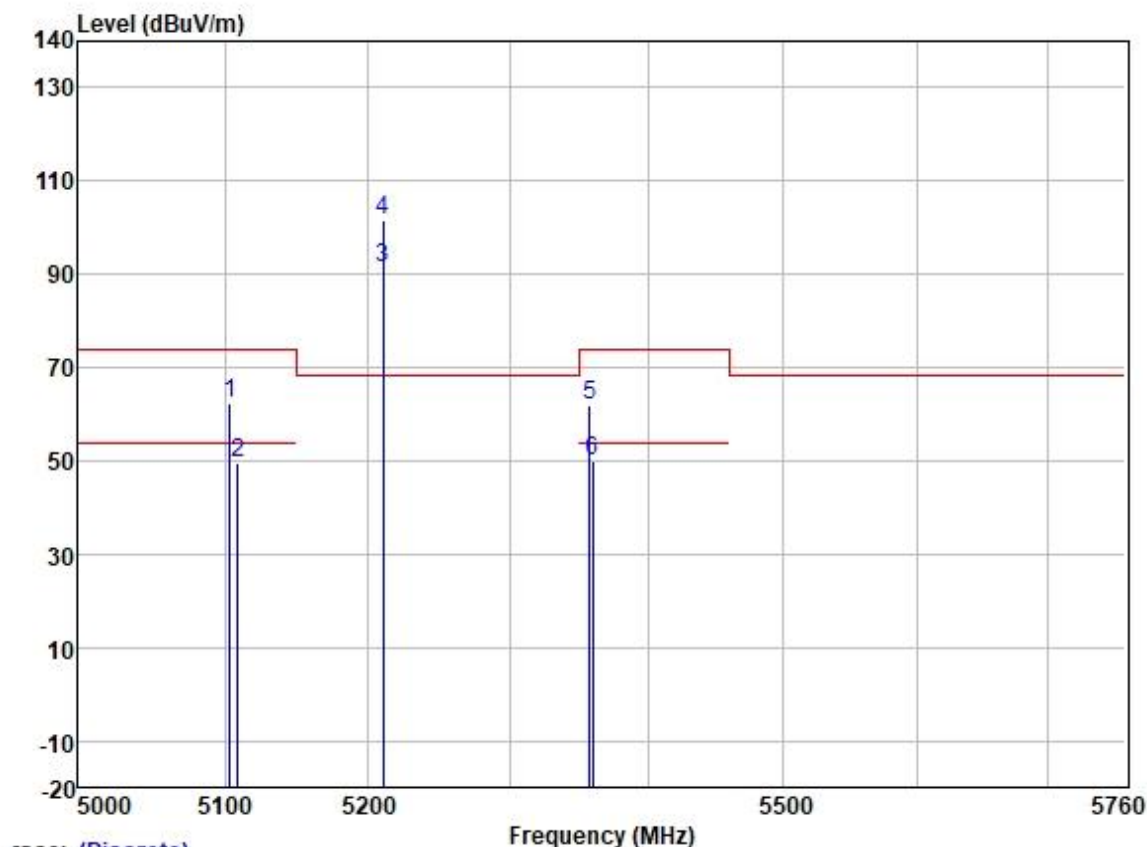
Test Mode: 15; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



		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	5111.424	61.79	31.72	5.65	36.86	62.30	74.00	-11.70	HORIZONTAL	Peak
2	5124.658	49.09	31.72	5.64	36.86	49.59	54.00	-4.41	HORIZONTAL	Average
3	5210.000	89.89	31.74	5.65	36.87	90.41	-----	-----	HORIZONTAL	Average
4 *	5210.000	99.92	31.74	5.65	36.87	100.44	68.20	32.24	HORIZONTAL	Peak
5	5352.809	61.06	31.77	6.05	36.88	62.00	74.00	-12.00	HORIZONTAL	Peak
6	5357.069	48.75	31.78	6.03	36.88	49.68	54.00	-4.32	HORIZONTAL	Average



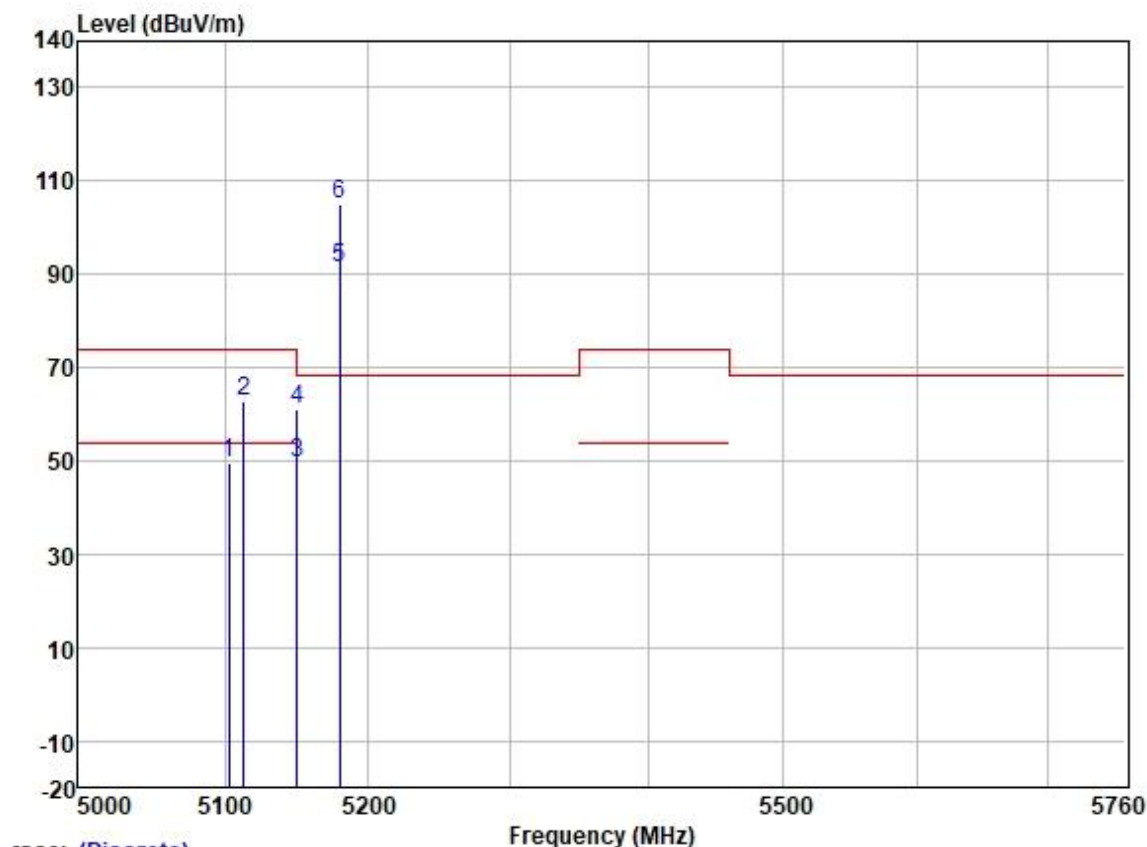
Test Mode: 15; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



		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	5103.298	61.83	31.72	5.65	36.86	62.34	74.00	-11.66	VERTICAL	Peak
2	5108.883	49.16	31.72	5.65	36.86	49.67	54.00	-4.33	VERTICAL	Average
3	5210.000	91.02	31.74	5.65	36.87	91.54	-----	-----	VERTICAL	Average
4 *	5210.000	101.03	31.74	5.65	36.87	101.55	68.20	33.35	VERTICAL	Peak
5	5357.868	60.94	31.78	6.03	36.88	61.87	74.00	-12.13	VERTICAL	Peak
6	5359.733	48.91	31.78	6.03	36.88	49.84	54.00	-4.16	VERTICAL	Average



Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



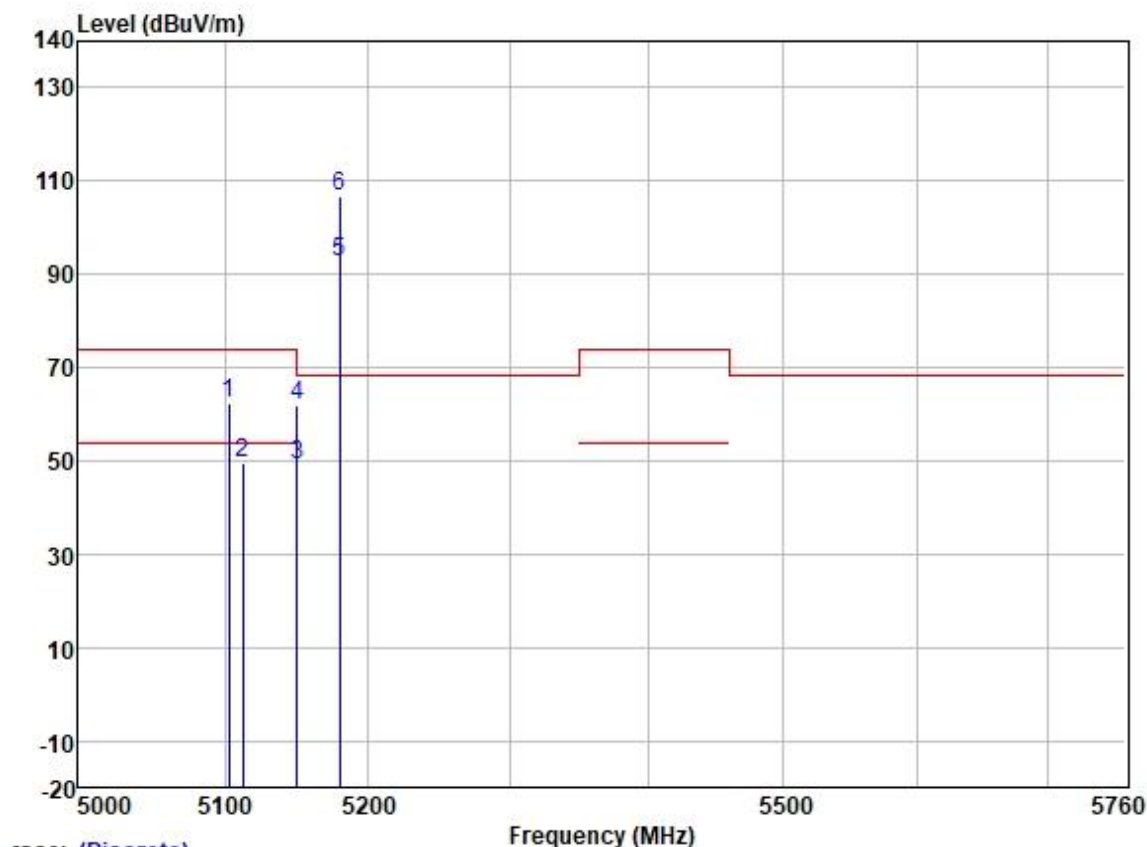
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.773	49.13	31.72	5.65	36.86	49.64	54.00	-4.36	HORIZONTAL	Average
2	5113.188	62.16	31.72	5.64	36.86	62.66	74.00	-11.34	HORIZONTAL	Peak
3	5149.980	48.86	31.72	5.62	36.86	49.34	54.00	-4.66	HORIZONTAL	Average
4	5149.980	60.55	31.72	5.62	36.86	61.03	74.00	-12.97	HORIZONTAL	Peak
5	5180.000	91.07	31.73	5.61	36.87	91.54	-----	-----	HORIZONTAL	Average
6 *	5180.000	104.65	31.73	5.61	36.87	105.12	68.20	36.92	HORIZONTAL	Peak



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Test Mode: 15; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

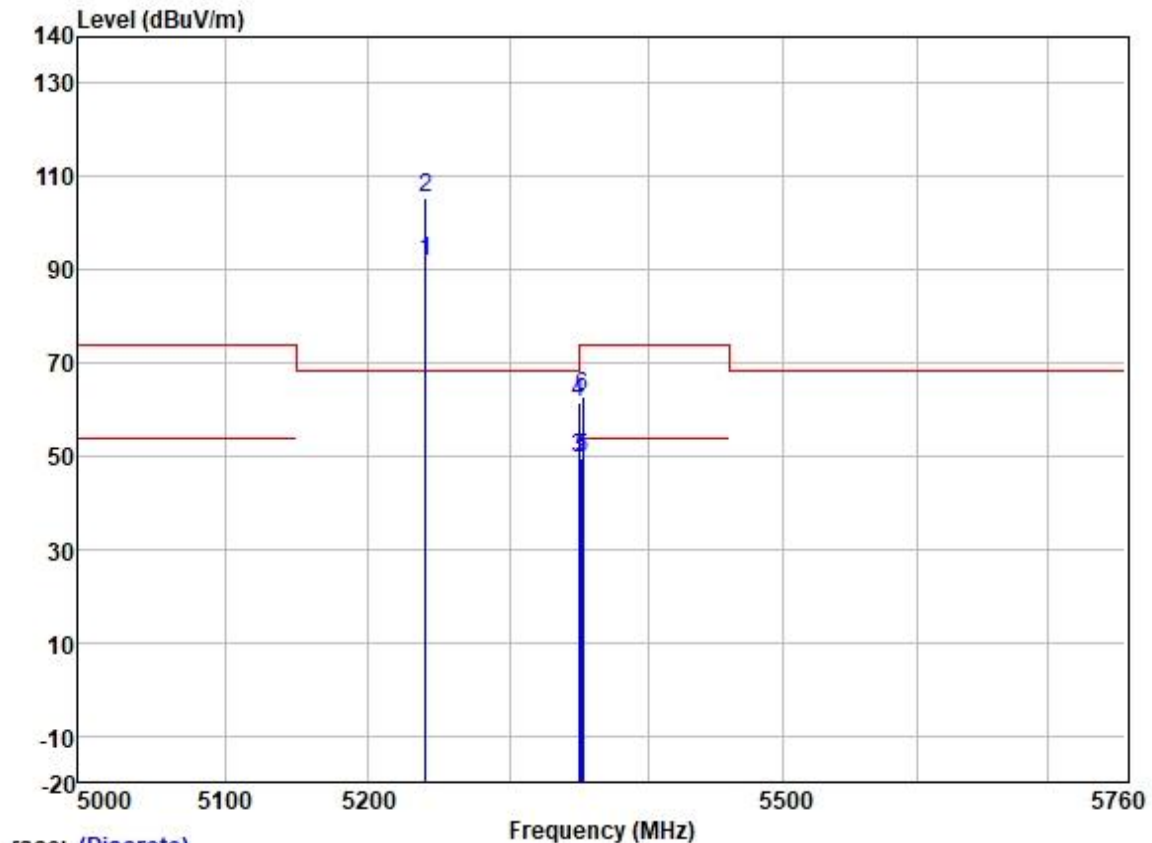
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.873	61.93	31.72	5.65	36.86	62.44	74.00	-11.56	VERTICAL	Peak
2	5112.295	49.14	31.72	5.64	36.86	49.64	54.00	-4.36	VERTICAL	Average
3	5149.980	48.71	31.72	5.62	36.86	49.19	54.00	-4.81	VERTICAL	Average
4	5149.980	61.47	31.72	5.62	36.86	61.95	74.00	-12.05	VERTICAL	Peak
5	5180.000	92.06	31.73	5.61	36.87	92.53	-----	-----	VERTICAL	Average
6 *	5180.000	106.08	31.73	5.61	36.87	106.55	68.20	38.35	VERTICAL	Peak



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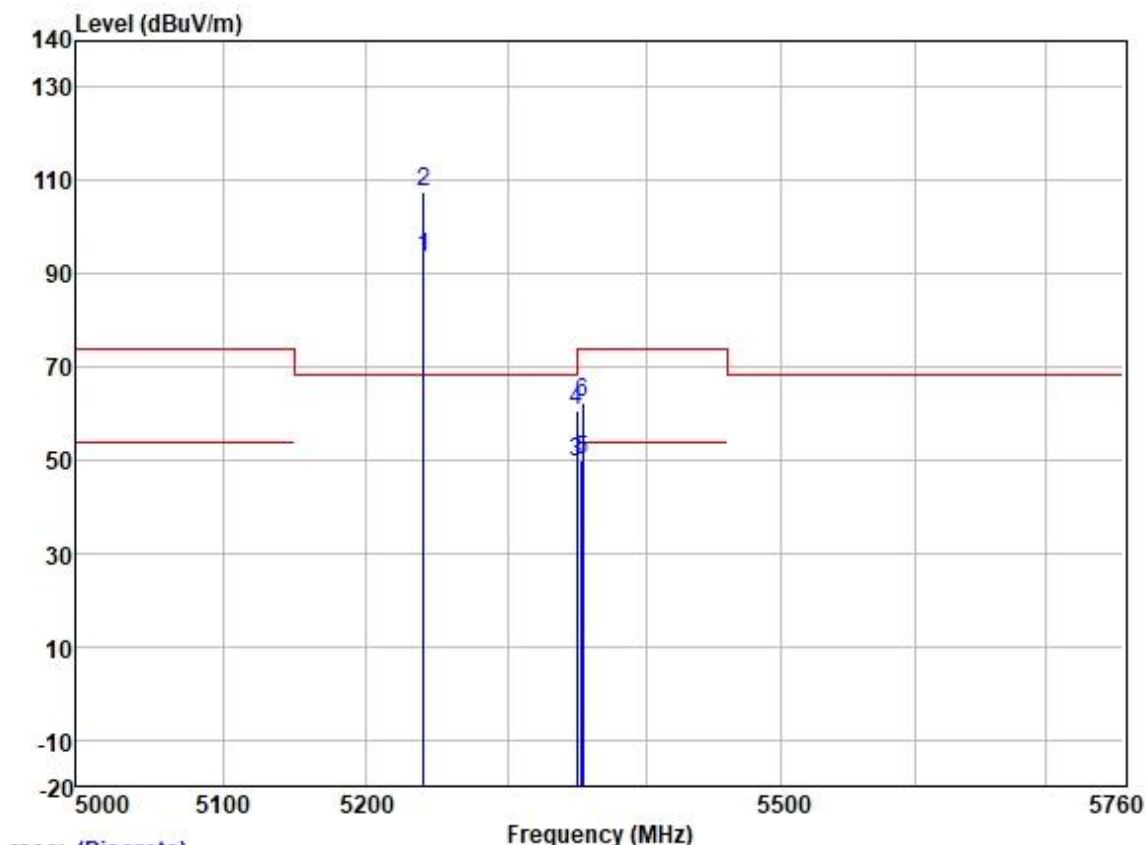
Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



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	5240.000	91.26	31.75	5.74	36.87	91.88	-----	-----	HORIZONTAL	Average
2 *	5240.000	104.91	31.75	5.74	36.87	105.53	68.20	37.33	HORIZONTAL	Peak
3	5350.020	48.49	31.77	6.05	36.88	49.43	54.00	-4.57	HORIZONTAL	Average
4	5350.020	60.64	31.77	6.05	36.88	61.58	74.00	-12.42	HORIZONTAL	Peak
5	5351.778	48.67	31.77	6.05	36.88	49.61	54.00	-4.39	HORIZONTAL	Average
6	5352.345	61.83	31.77	6.05	36.88	62.77	74.00	-11.23	HORIZONTAL	Peak

Test Mode: 15; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:High

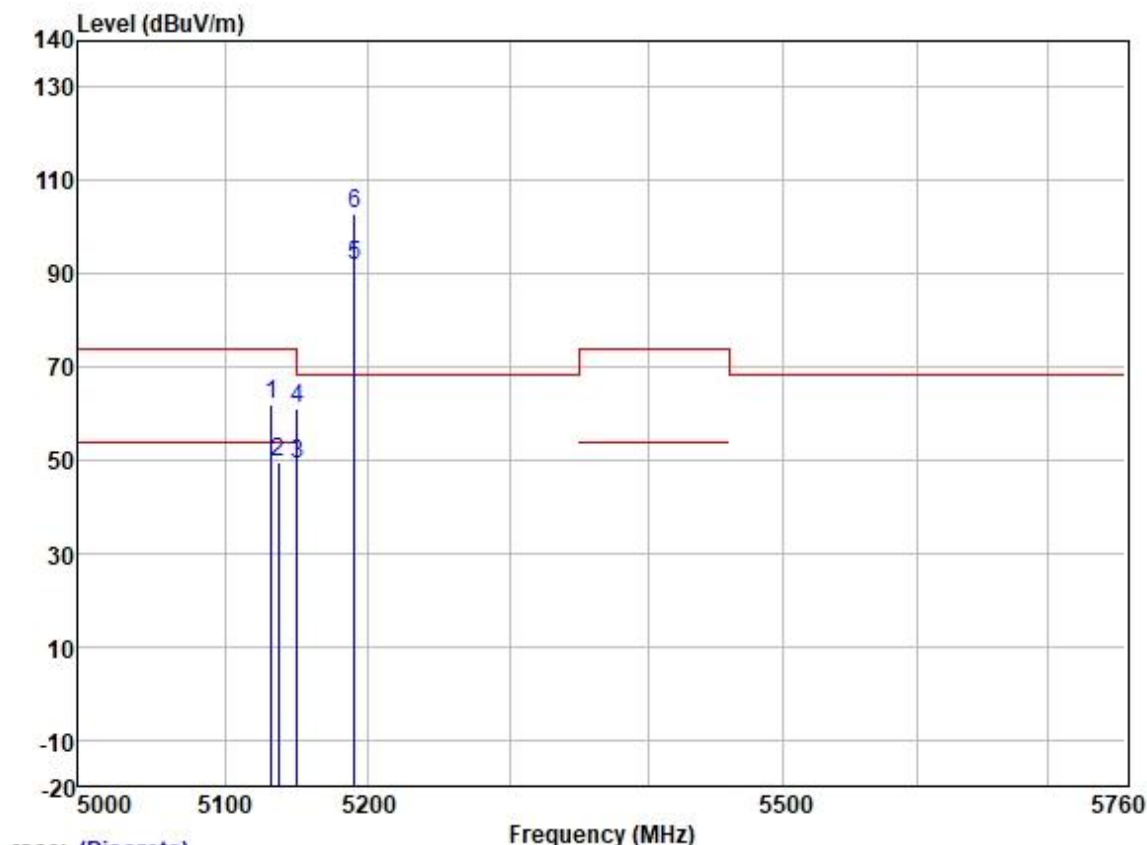


Trace: (Discrete)

	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	92.70	31.75	5.74	36.87	93.32	-----	-----	VERTICAL	Average
2 *	5240.000	107.00	31.75	5.74	36.87	107.62	68.20	39.42	VERTICAL	Peak
3	5350.020	48.56	31.77	6.05	36.88	49.50	54.00	-4.50	VERTICAL	Average
4	5350.020	59.80	31.77	6.05	36.88	60.74	74.00	-13.26	VERTICAL	Peak
5	5353.620	48.83	31.77	6.05	36.88	49.77	54.00	-4.23	VERTICAL	Average
6	5354.187	61.25	31.78	6.03	36.88	62.18	74.00	-11.82	VERTICAL	Peak



Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

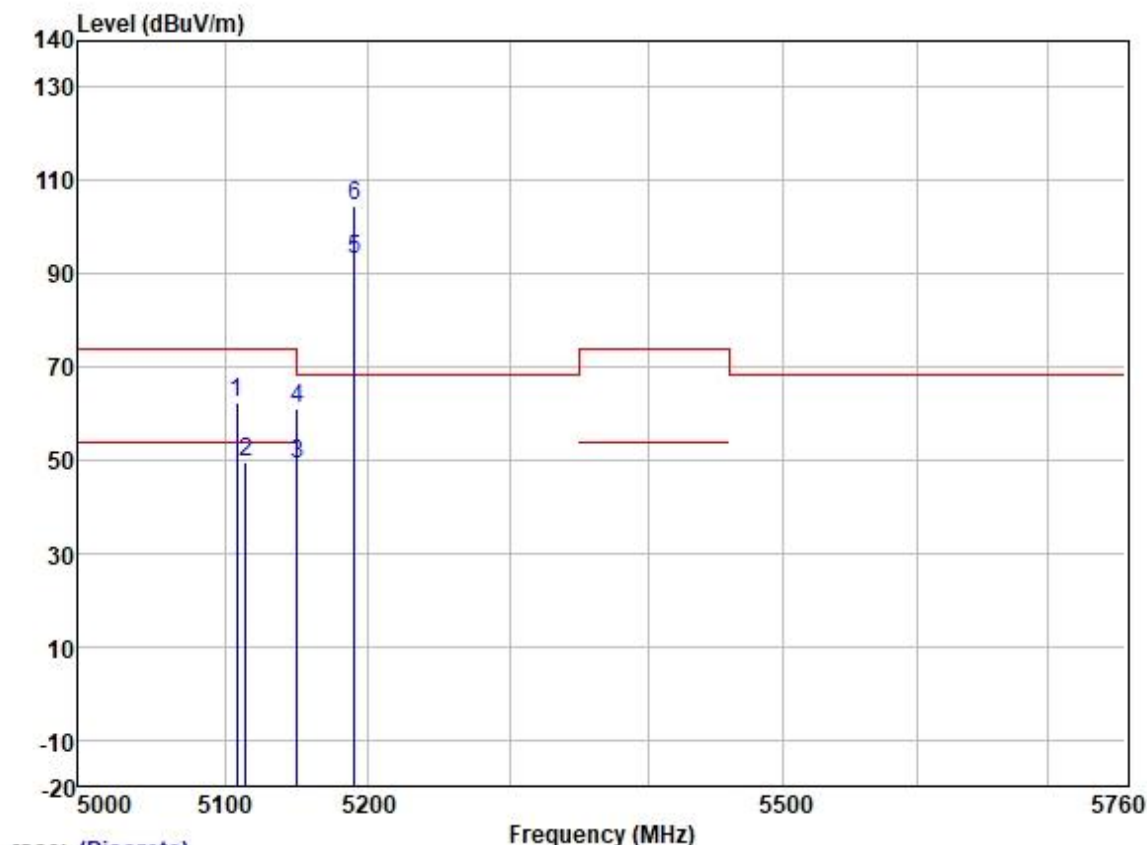
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5132.483	61.62	31.72	5.63	36.86	62.11	74.00	-11.89	HORIZONTAL	Peak
2	5136.783	49.03	31.72	5.63	36.86	49.52	54.00	-4.48	HORIZONTAL	Average
3	5149.980	48.68	31.72	5.62	36.86	49.16	54.00	-4.84	HORIZONTAL	Average
4	5149.980	60.41	31.72	5.62	36.86	60.89	74.00	-13.11	HORIZONTAL	Peak
5	5190.000	91.52	31.73	5.60	36.87	91.98	-----	-----	HORIZONTAL	Average
6 *	5190.000	102.56	31.73	5.60	36.87	103.02	68.20	34.82	HORIZONTAL	Peak



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Test Mode: 15; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low

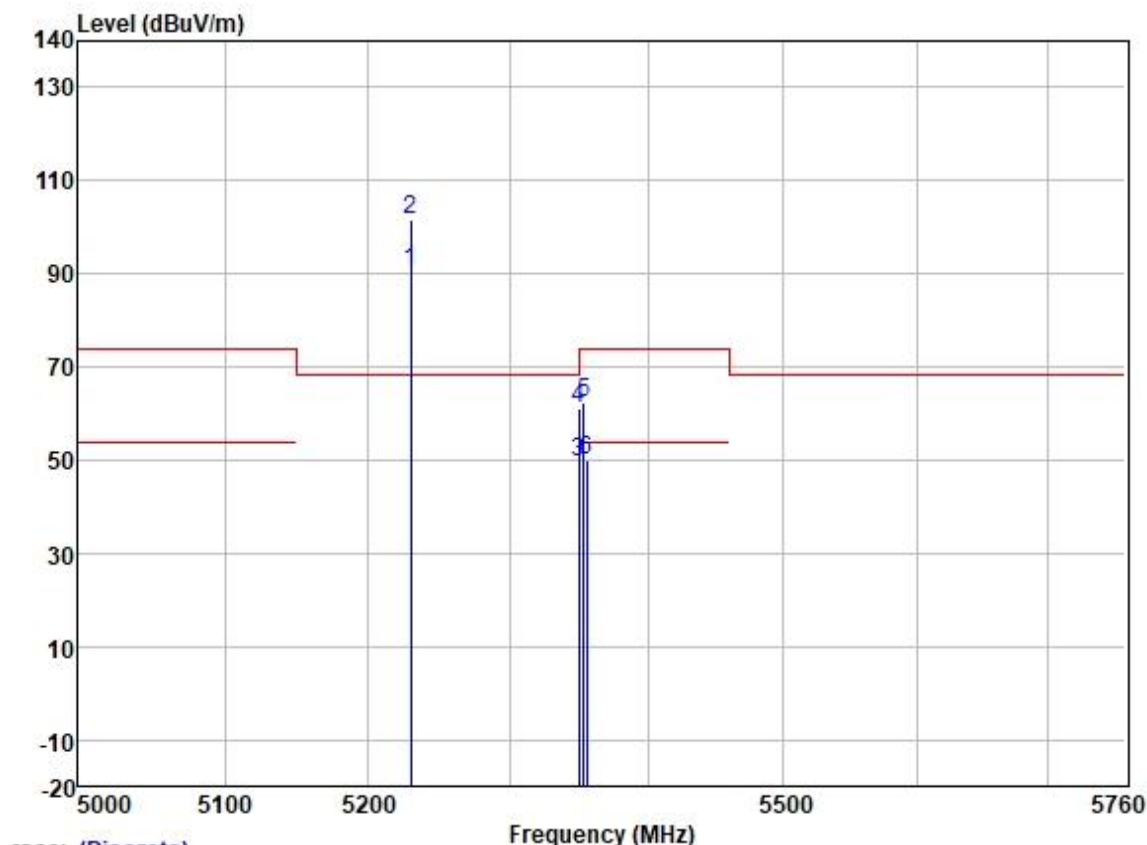


Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5108.310	61.86	31.72	5.65	36.86	62.37	74.00	-11.63	VERTICAL	Peak
2	5114.253	49.08	31.72	5.64	36.86	49.58	54.00	-4.42	VERTICAL	Average
3	5149.980	48.84	31.72	5.62	36.86	49.32	54.00	-4.68	VERTICAL	Average
4	5149.980	60.73	31.72	5.62	36.86	61.21	74.00	-12.79	VERTICAL	Peak
5	5190.000	92.40	31.73	5.60	36.87	92.86	-----	-----	VERTICAL	Average
6 *	5190.000	104.04	31.73	5.60	36.87	104.50	68.20	36.30	VERTICAL	Peak



Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

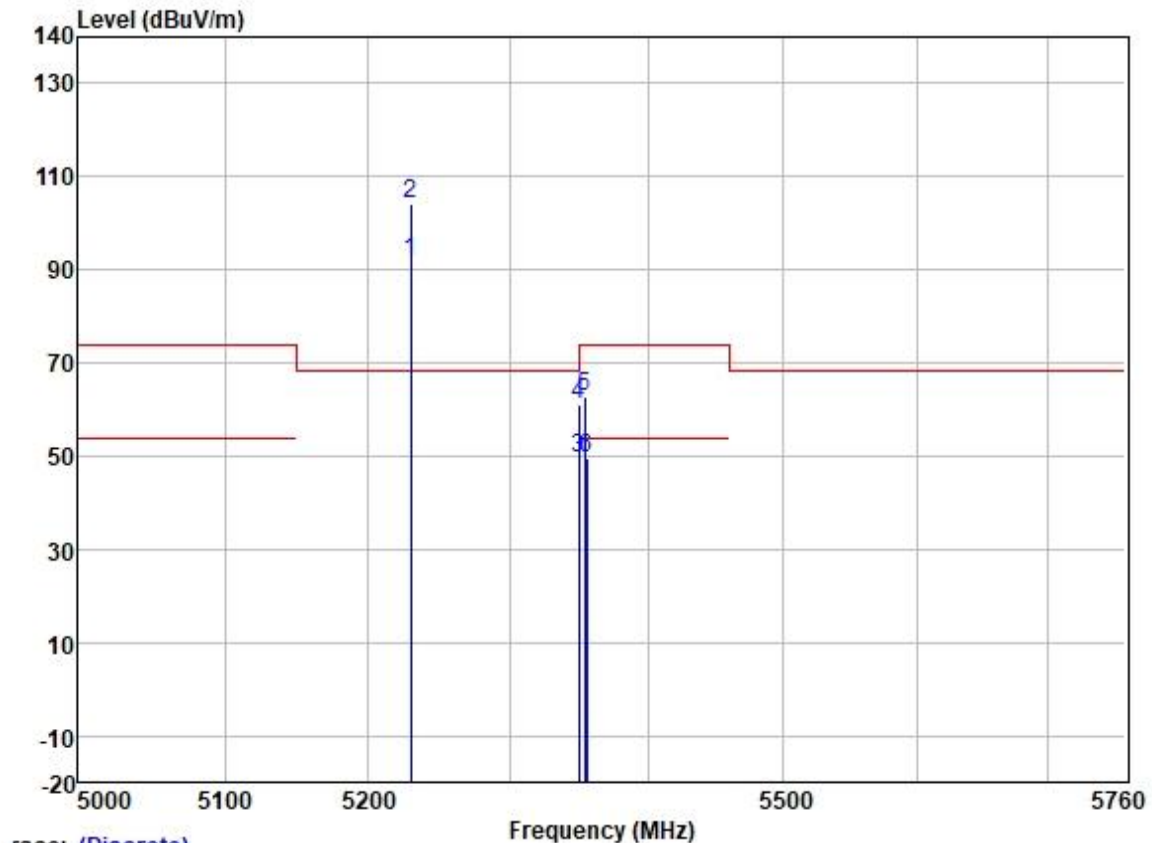
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5230.000	90.01	31.74	5.70	36.87	90.58	-----	-----	HORIZONTAL	Average
2 *	5230.000	100.93	31.74	5.70	36.87	101.50	68.20	33.30	HORIZONTAL	Peak
3	5350.020	48.56	31.77	6.05	36.88	49.50	54.00	-4.50	HORIZONTAL	Average
4	5350.020	60.24	31.77	6.05	36.88	61.18	74.00	-12.82	HORIZONTAL	Peak
5	5353.344	61.32	31.77	6.05	36.88	62.26	74.00	-11.74	HORIZONTAL	Peak
6	5355.454	48.84	31.78	6.03	36.88	49.77	54.00	-4.23	HORIZONTAL	Average



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Test Mode: 15; Polarity: Vertical; Modulation:802.11ax; 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	5230.000	91.42	31.74	5.70	36.87	91.99	-----	-----	VERTICAL	Average
2 *	5230.000	103.48	31.74	5.70	36.87	104.05	68.20	35.85	VERTICAL	Peak
3	5350.020	48.55	31.77	6.05	36.88	49.49	54.00	-4.51	VERTICAL	Average
4	5350.020	60.12	31.77	6.05	36.88	61.06	74.00	-12.94	VERTICAL	Peak
5	5353.831	61.74	31.77	6.05	36.88	62.68	74.00	-11.32	VERTICAL	Peak
6	5355.454	48.69	31.78	6.03	36.88	49.62	54.00	-4.38	VERTICAL	Average

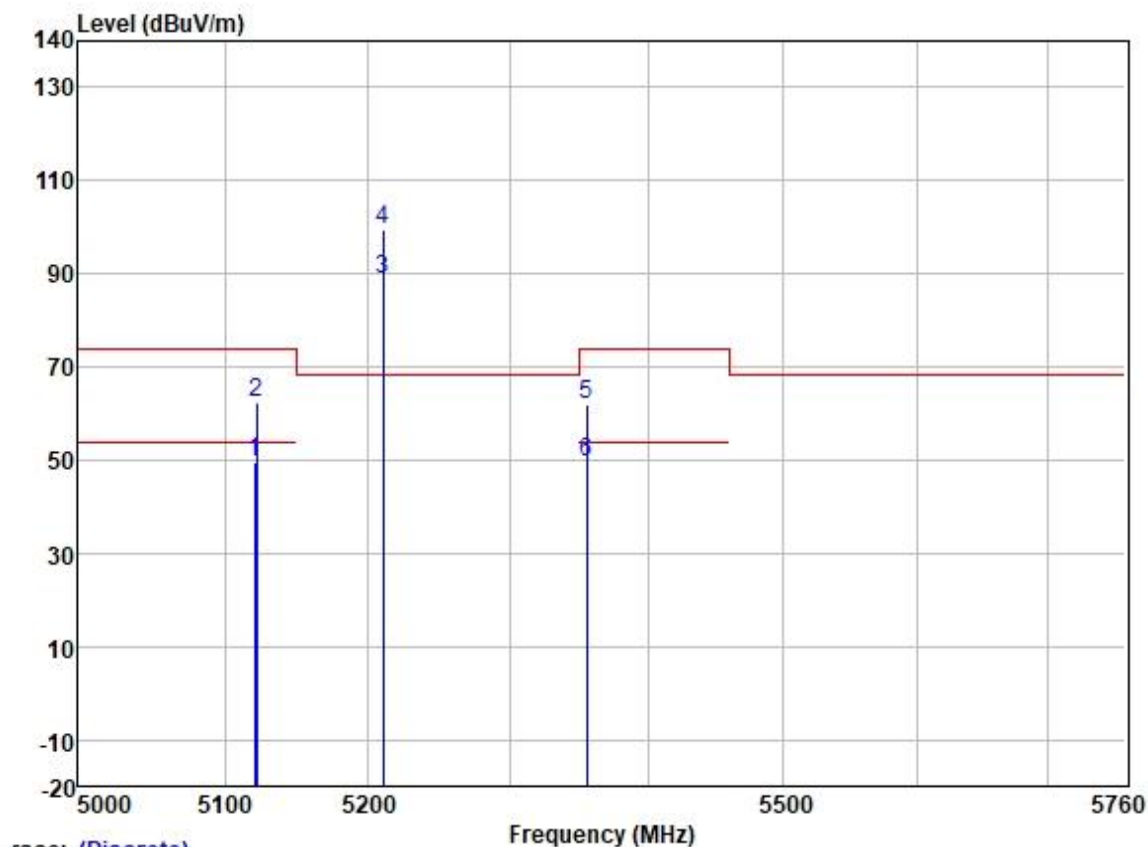


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SGS-CSTC Standards Technical Services Co., Ltd. No.198 Kezhu Road, Science Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075058 www.sgsgroup.com.cn
Guangzhou Branch, EMC Laboratory 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

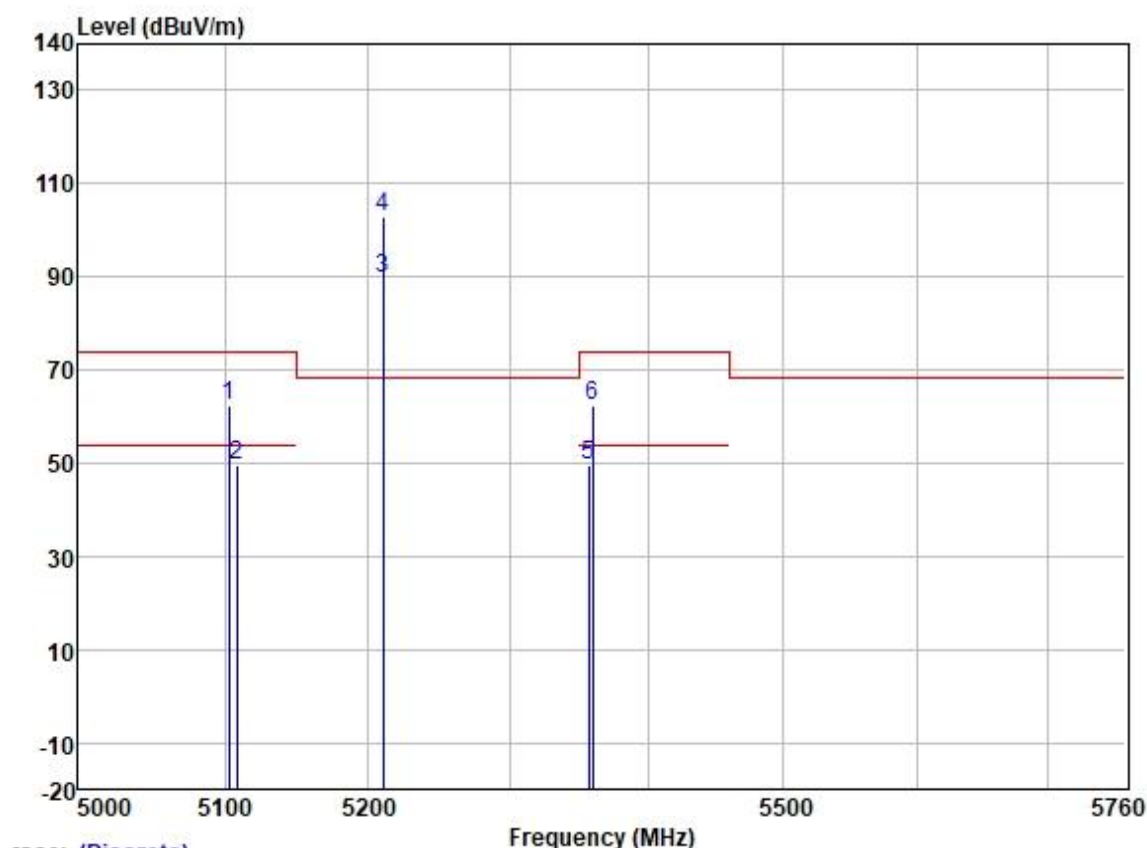
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5120.582	49.00	31.72	5.64	36.86	49.50	54.00	-4.50	HORIZONTAL	Average
2	5121.601	61.82	31.72	5.64	36.86	62.32	74.00	-11.68	HORIZONTAL	Peak
3	5210.000	88.19	31.74	5.65	36.87	88.71	-----	-----	HORIZONTAL	Average
4 *	5210.000	99.10	31.74	5.65	36.87	99.62	68.20	31.42	HORIZONTAL	Peak
5	5355.205	60.99	31.78	6.03	36.88	61.92	74.00	-12.08	HORIZONTAL	Peak
6	5355.471	48.65	31.78	6.03	36.88	49.58	54.00	-4.42	HORIZONTAL	Average



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Test Mode: 15; Polarity: Vertical; Modulation:802.11ax; Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

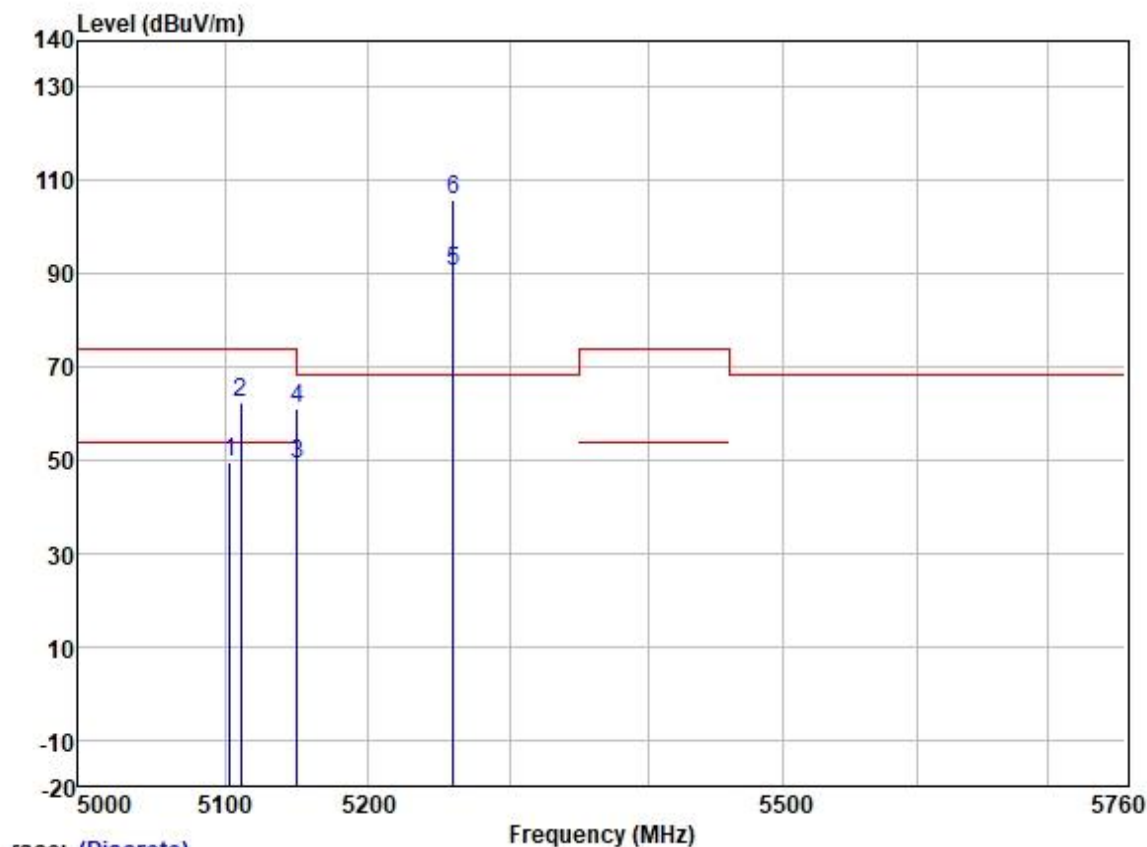
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.537	61.84	31.72	5.65	36.86	62.35	74.00	-11.65	VERTICAL	Peak
2	5108.375	49.09	31.72	5.65	36.86	49.60	54.00	-4.40	VERTICAL	Average
3	5210.000	89.10	31.74	5.65	36.87	89.62	-----	-----	VERTICAL	Average
4 *	5210.000	102.29	31.74	5.65	36.87	102.81	68.20	34.61	VERTICAL	Peak
5	5357.069	48.67	31.78	6.03	36.88	49.60	54.00	-4.40	VERTICAL	Average
6	5359.467	61.42	31.78	6.03	36.88	62.35	74.00	-11.65	VERTICAL	Peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



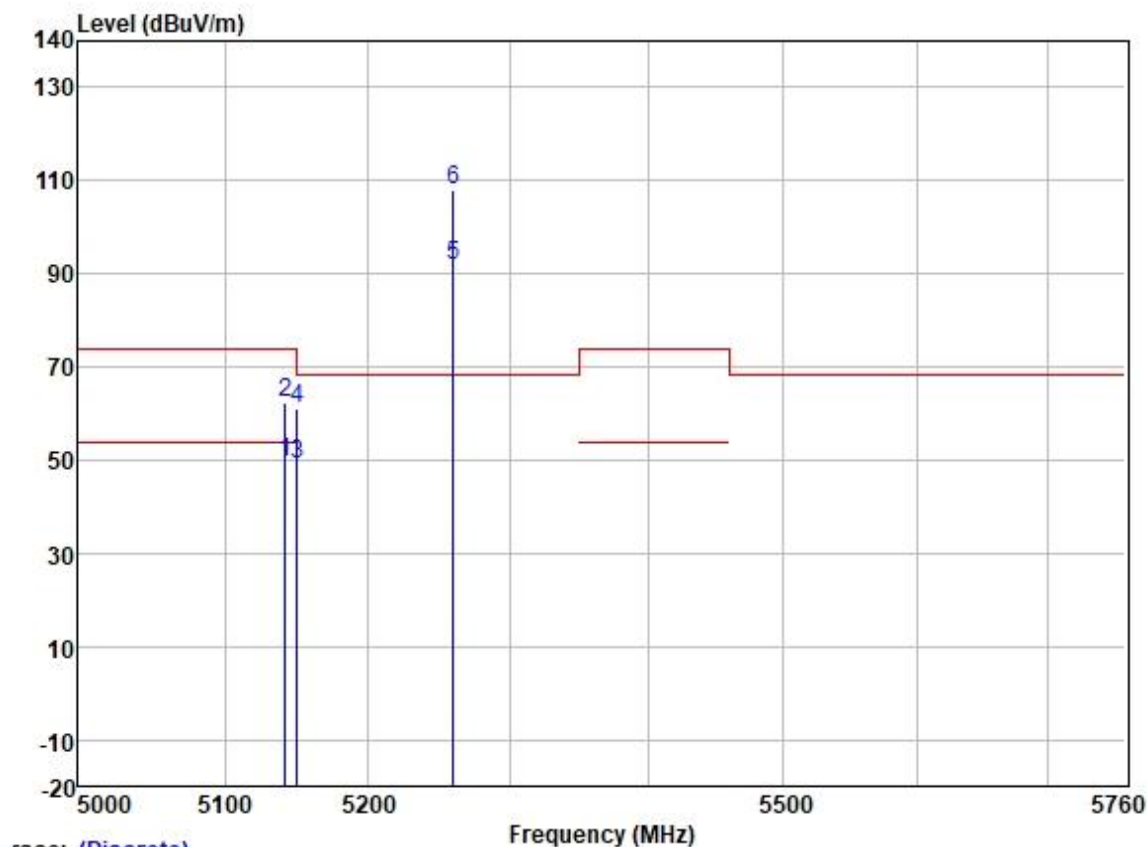
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5103.185	48.99	31.72	5.65	36.86	49.50	54.00	-4.50	HORIZONTAL	Average
2	5110.979	61.75	31.72	5.65	36.86	62.26	74.00	-11.74	HORIZONTAL	Peak
3	5149.980	48.59	31.72	5.62	36.86	49.07	54.00	-4.93	HORIZONTAL	Average
4	5149.980	60.44	31.72	5.62	36.86	60.92	74.00	-13.08	HORIZONTAL	Peak
5	5260.000	89.76	31.75	5.77	36.87	90.41	-----	-----	HORIZONTAL	Average
6 *	5260.000	105.23	31.75	5.77	36.87	105.88	68.20	37.68	HORIZONTAL	Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

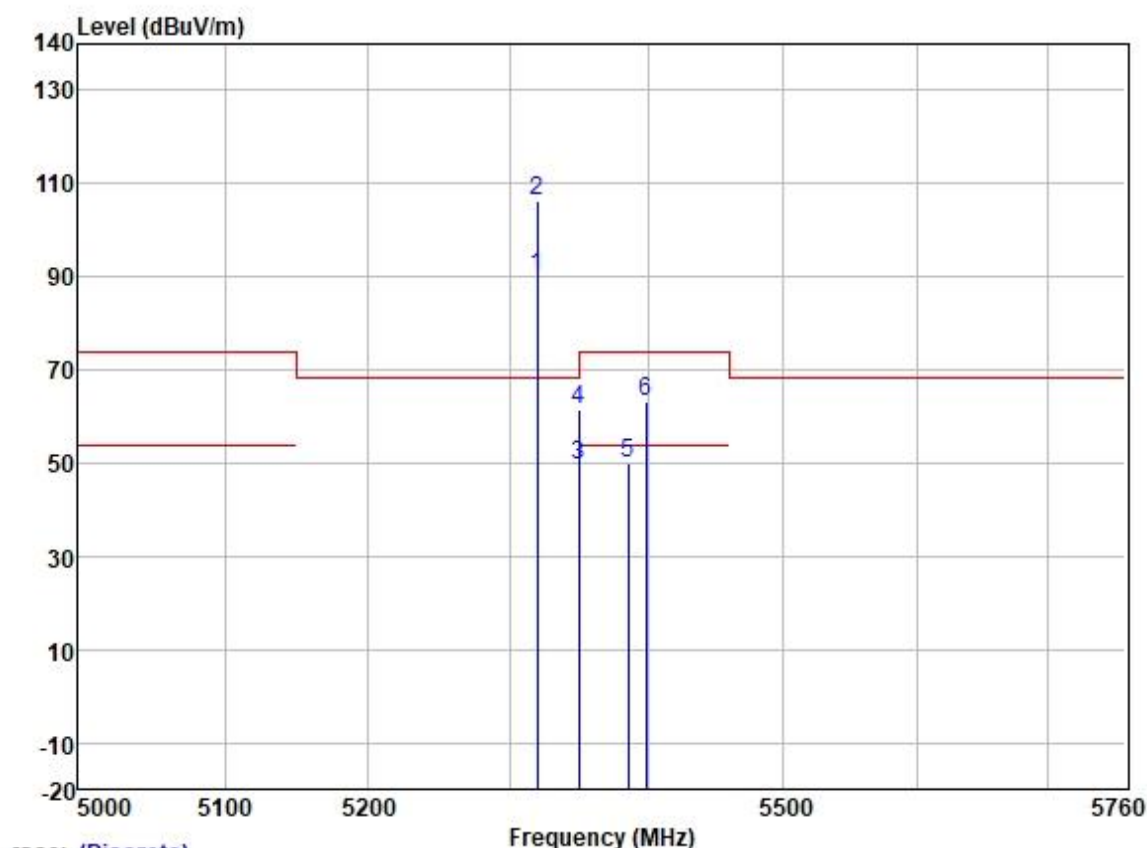
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5141.741	49.02	31.72	5.63	36.86	49.51	54.00	-4.49	VERTICAL	Average
2	5141.741	62.03	31.72	5.63	36.86	62.52	74.00	-11.48	VERTICAL	Peak
3	5149.980	48.57	31.72	5.62	36.86	49.05	54.00	-4.95	VERTICAL	Average
4	5149.980	60.40	31.72	5.62	36.86	60.88	74.00	-13.12	VERTICAL	Peak
5	5260.000	91.07	31.75	5.77	36.87	91.72	-----	-----	VERTICAL	Average
6 *	5260.000	107.50	31.75	5.77	36.87	108.15	68.20	39.95	VERTICAL	Peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

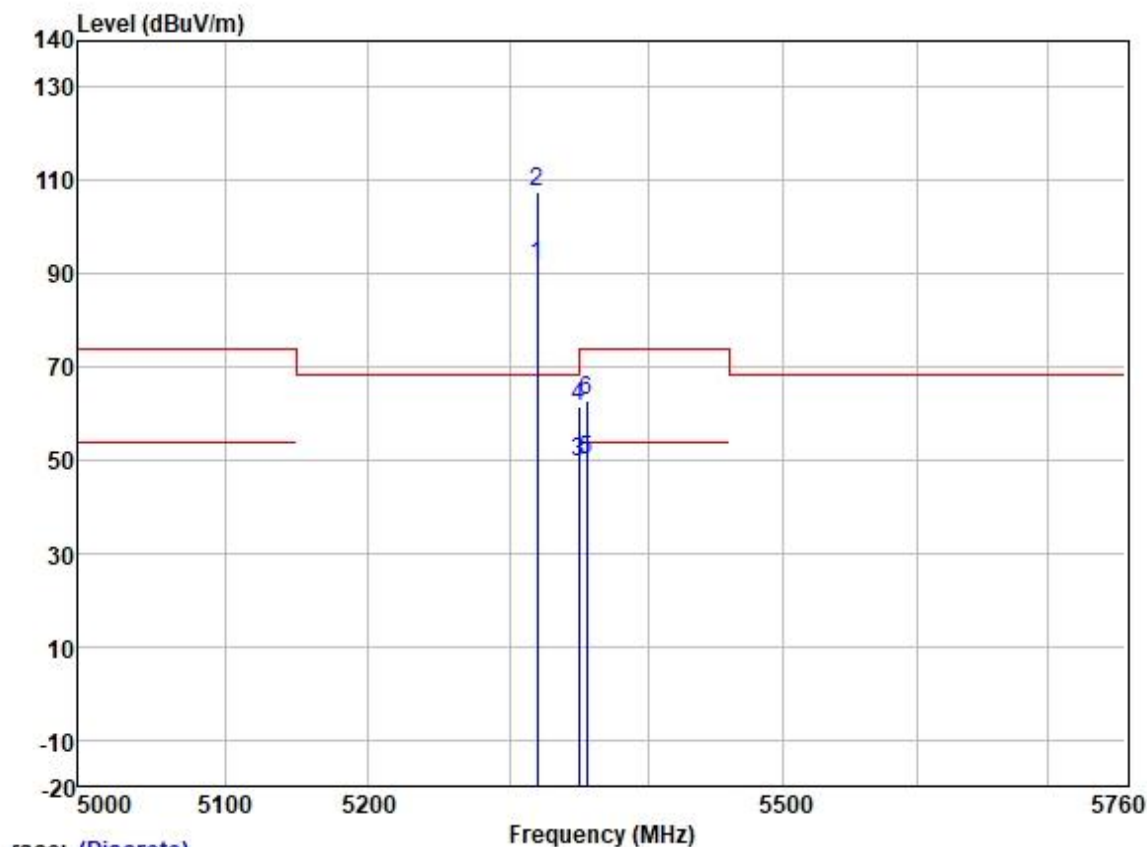
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	89.21	31.77	6.08	36.88	90.18	-----	-----	HORIZONTAL Average
2 *	5320.000	105.48	31.77	6.08	36.88	106.45	68.20	38.25	HORIZONTAL Peak
3	5350.020	48.54	31.77	6.05	36.88	49.48	54.00	-4.52	HORIZONTAL Average
4	5350.020	60.62	31.77	6.05	36.88	61.56	74.00	-12.44	HORIZONTAL Peak
5	5385.585	48.89	31.78	6.00	36.88	49.79	54.00	-4.21	HORIZONTAL Average
6	5398.587	62.24	31.78	6.00	36.88	63.14	74.00	-10.86	HORIZONTAL Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

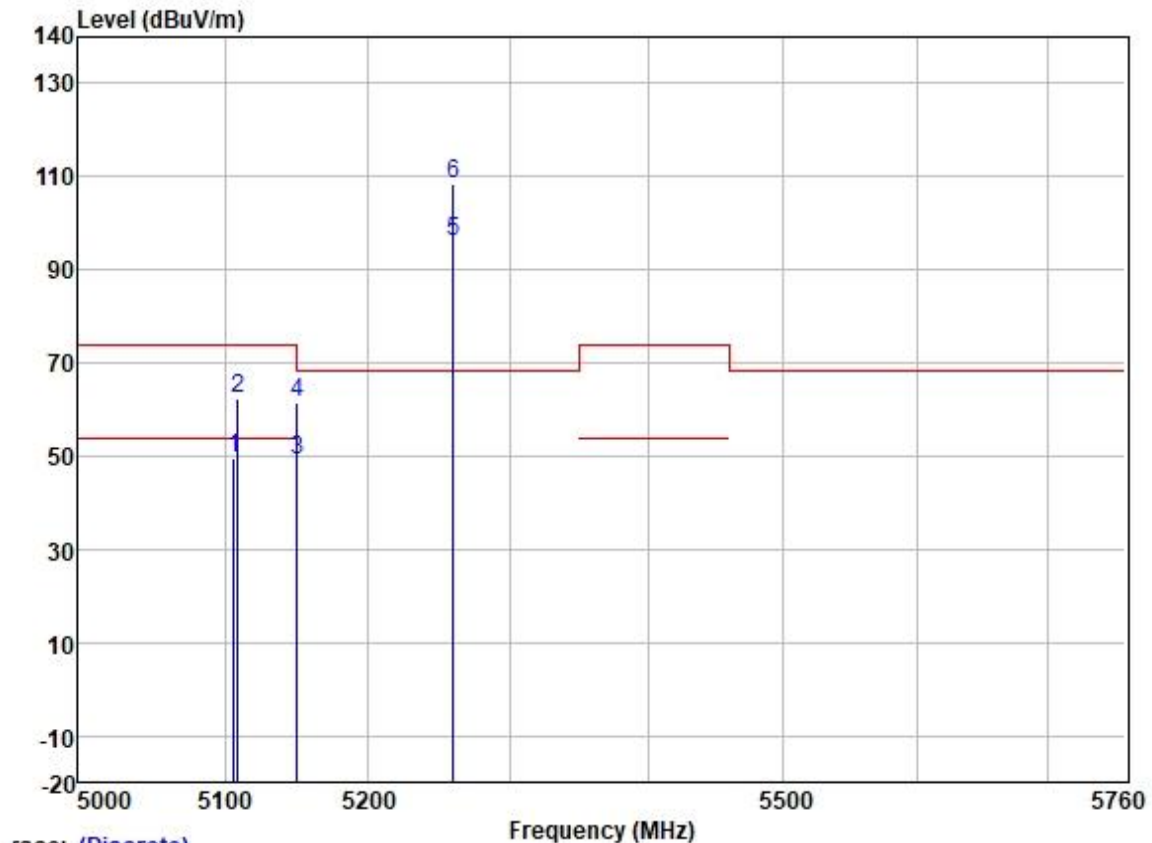
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5320.000	90.91	31.77	6.08	36.88	91.88	-----	-----	VERTICAL	Average
2 *	5320.000	106.79	31.77	6.08	36.88	107.76	68.20	39.56	VERTICAL	Peak
3	5350.020	48.56	31.77	6.05	36.88	49.50	54.00	-4.50	VERTICAL	Average
4	5350.020	60.55	31.77	6.05	36.88	61.49	74.00	-12.51	VERTICAL	Peak
5	5355.269	48.99	31.78	6.03	36.88	49.92	54.00	-4.08	VERTICAL	Average
6	5355.269	61.93	31.78	6.03	36.88	62.86	74.00	-11.14	VERTICAL	Peak



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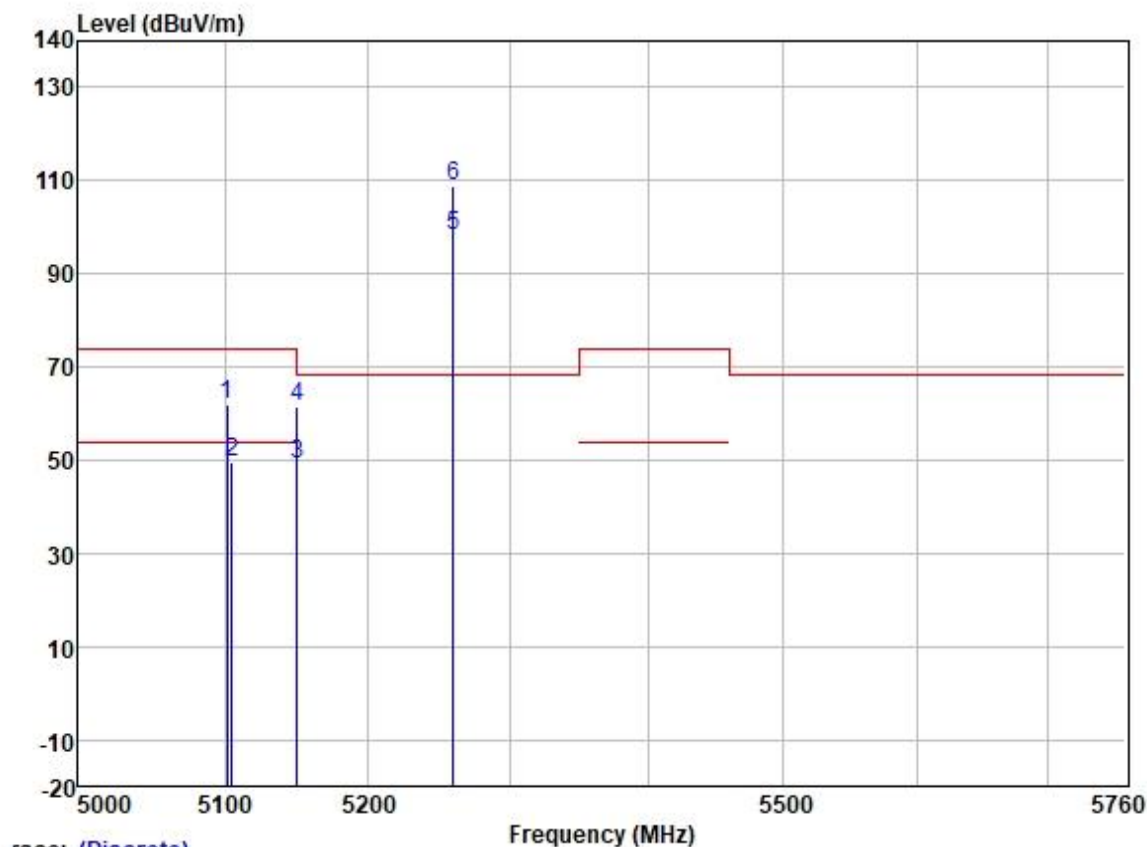
Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



	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	5106.195	48.97	31.72	5.65	36.86	49.48	54.00	-4.52	HORIZONTAL	Average
2	5109.207	61.72	31.72	5.65	36.86	62.23	74.00	-11.77	HORIZONTAL	Peak
3	5149.980	48.56	31.72	5.62	36.86	49.04	54.00	-4.96	HORIZONTAL	Average
4	5149.980	60.82	31.72	5.62	36.86	61.30	74.00	-12.70	HORIZONTAL	Peak
5	5260.000	95.36	31.75	5.77	36.87	96.01	-----	-----	HORIZONTAL	Average
6 *	5260.000	107.92	31.75	5.77	36.87	108.57	68.20	40.37	HORIZONTAL	Peak



Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

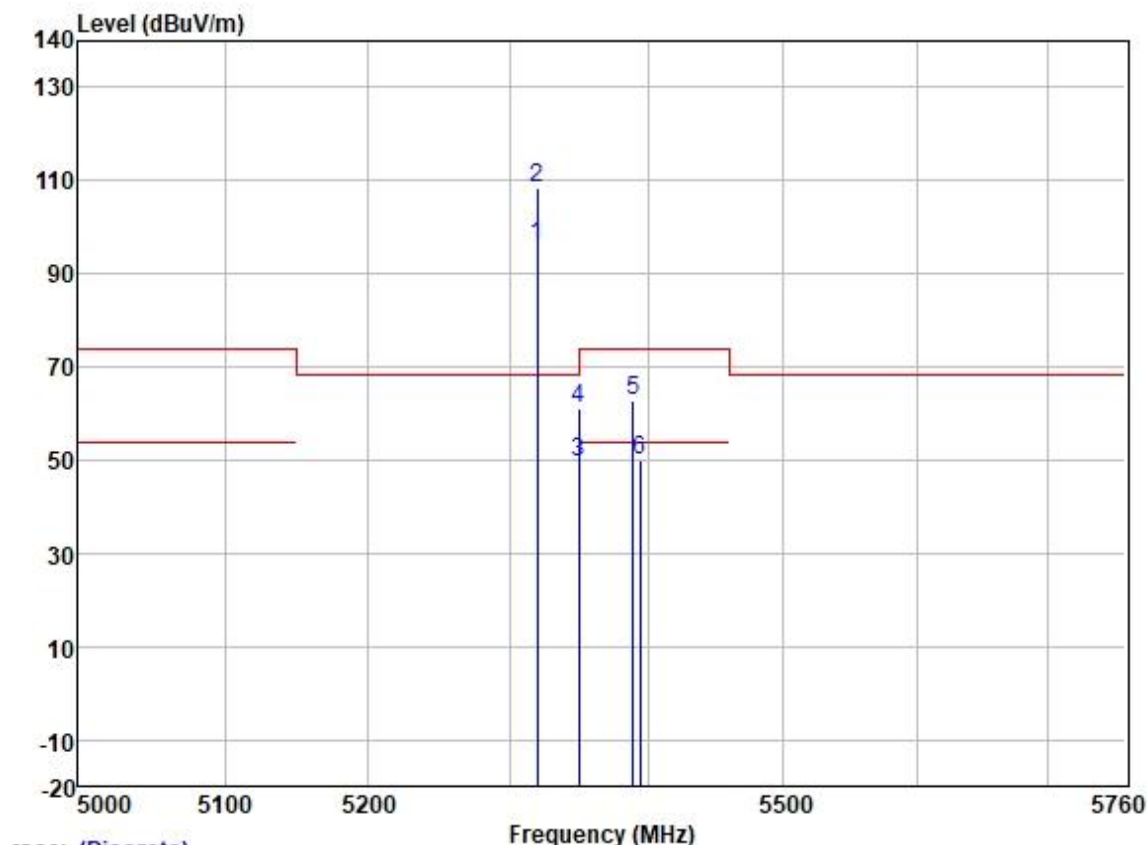
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5101.769	61.61	31.72	5.65	36.86	62.12	74.00	-11.88	VERTICAL	Peak
2	5104.956	48.99	31.72	5.65	36.86	49.50	54.00	-4.50	VERTICAL	Average
3	5149.980	48.82	31.72	5.62	36.86	49.30	54.00	-4.70	VERTICAL	Average
4	5149.980	61.04	31.72	5.62	36.86	61.52	74.00	-12.48	VERTICAL	Peak
5	5260.000	97.46	31.75	5.77	36.87	98.11	-----	-----	VERTICAL	Average
6 *	5260.000	108.01	31.75	5.77	36.87	108.66	68.20	40.46	VERTICAL	Peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

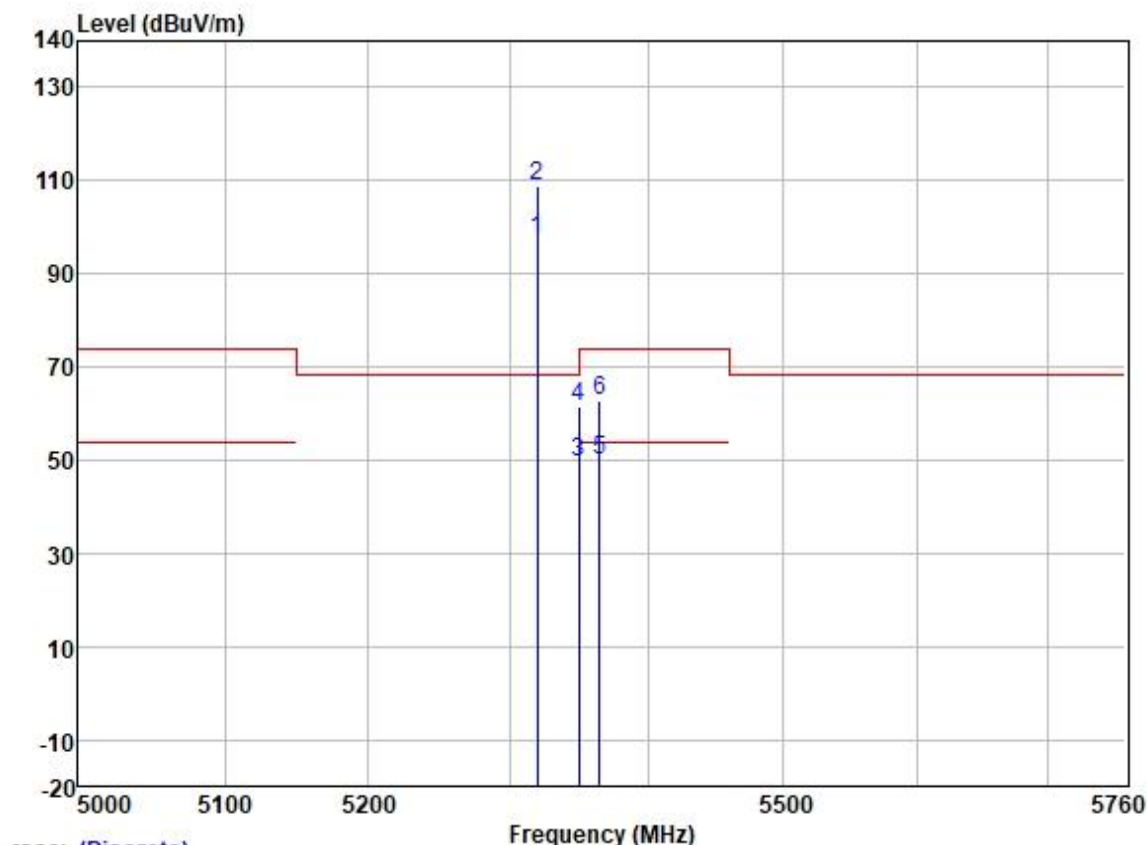
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5320.000	95.29	31.77	6.08	36.88	96.26	-----	-----	HORIZONTAL	Average
2 *	5320.000	107.33	31.77	6.08	36.88	108.30	68.20	40.10	HORIZONTAL	Peak
3	5350.020	48.62	31.77	6.05	36.88	49.56	54.00	-4.44	HORIZONTAL	Average
4	5350.020	60.30	31.77	6.05	36.88	61.24	74.00	-12.76	HORIZONTAL	Peak
5	5388.908	61.89	31.78	6.00	36.88	62.79	74.00	-11.21	HORIZONTAL	Peak
6	5394.351	48.98	31.78	6.00	36.88	49.88	54.00	-4.12	HORIZONTAL	Average



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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High

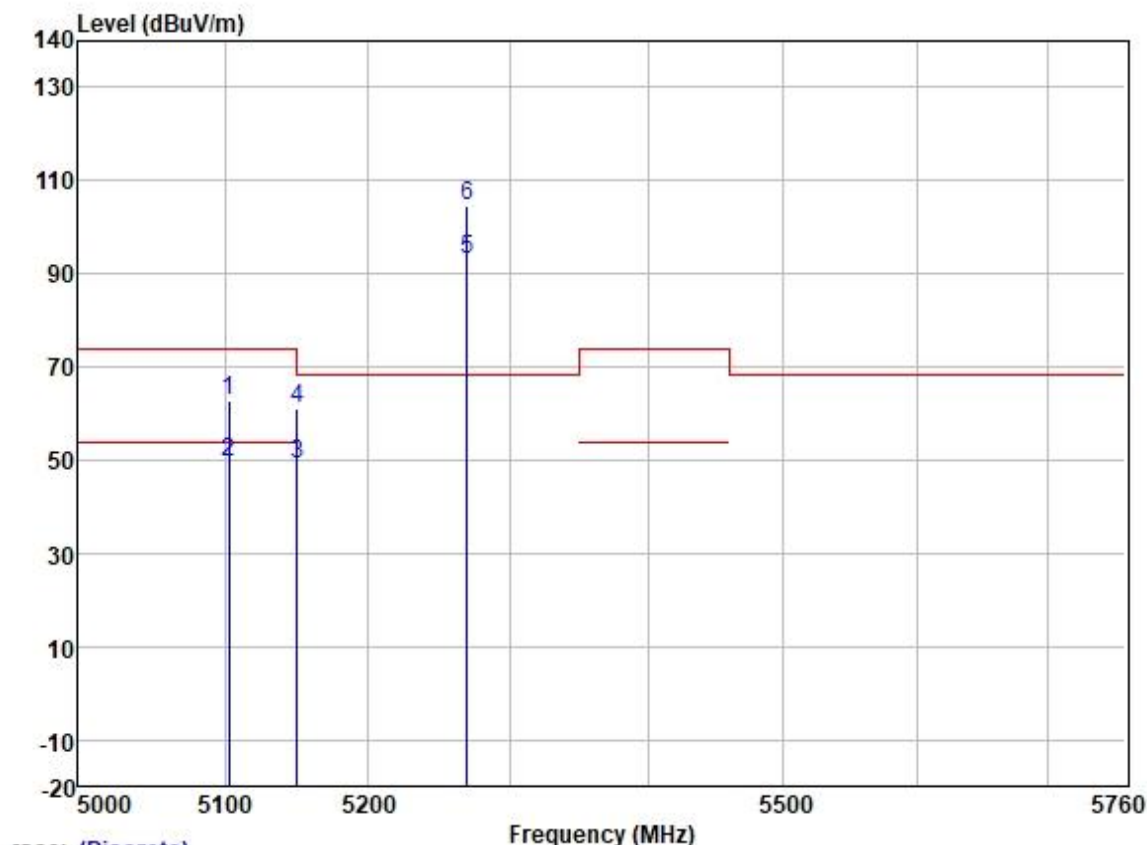


Trace: (Discrete)

	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	5320.000	96.19	31.77	6.08	36.88	97.16	-----	-----	VERTICAL	Average
2 *	5320.000	108.03	31.77	6.08	36.88	109.00	68.20	40.80	VERTICAL	Peak
3	5350.020	48.62	31.77	6.05	36.88	49.56	54.00	-4.44	VERTICAL	Average
4	5350.020	60.61	31.77	6.05	36.88	61.55	74.00	-12.45	VERTICAL	Peak
5	5364.888	48.87	31.78	6.03	36.88	49.80	54.00	-4.20	VERTICAL	Average
6	5364.888	61.66	31.78	6.03	36.88	62.59	74.00	-11.41	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

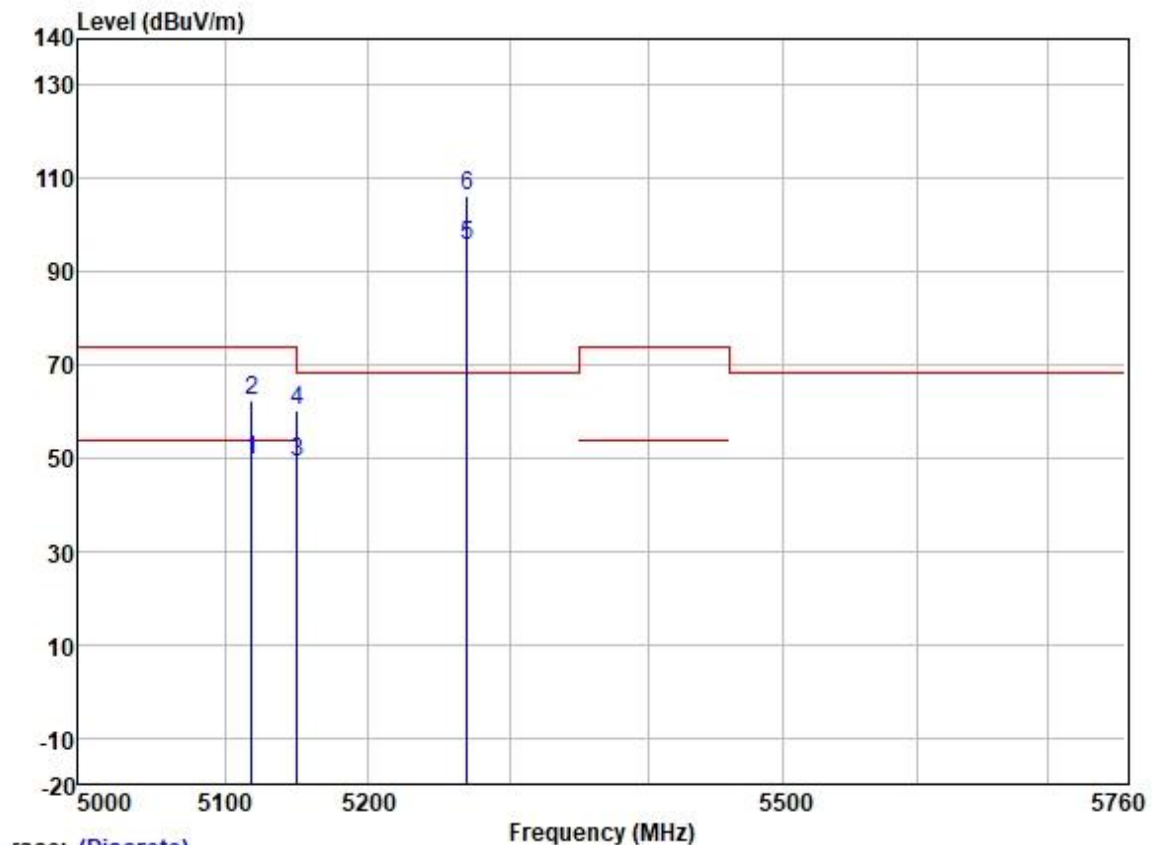
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.747	62.10	31.72	5.65	36.86	62.61	74.00	-11.39	HORIZONTAL	Peak
2	5102.943	48.91	31.72	5.65	36.86	49.42	54.00	-4.58	HORIZONTAL	Average
3	5149.980	48.64	31.72	5.62	36.86	49.12	54.00	-4.88	HORIZONTAL	Average
4	5149.980	60.44	31.72	5.62	36.86	60.92	74.00	-13.08	HORIZONTAL	Peak
5	5270.000	92.40	31.75	5.80	36.87	93.08	-----	-----	HORIZONTAL	Average
6 *	5270.000	103.75	31.75	5.80	36.87	104.43	68.20	36.23	HORIZONTAL	Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

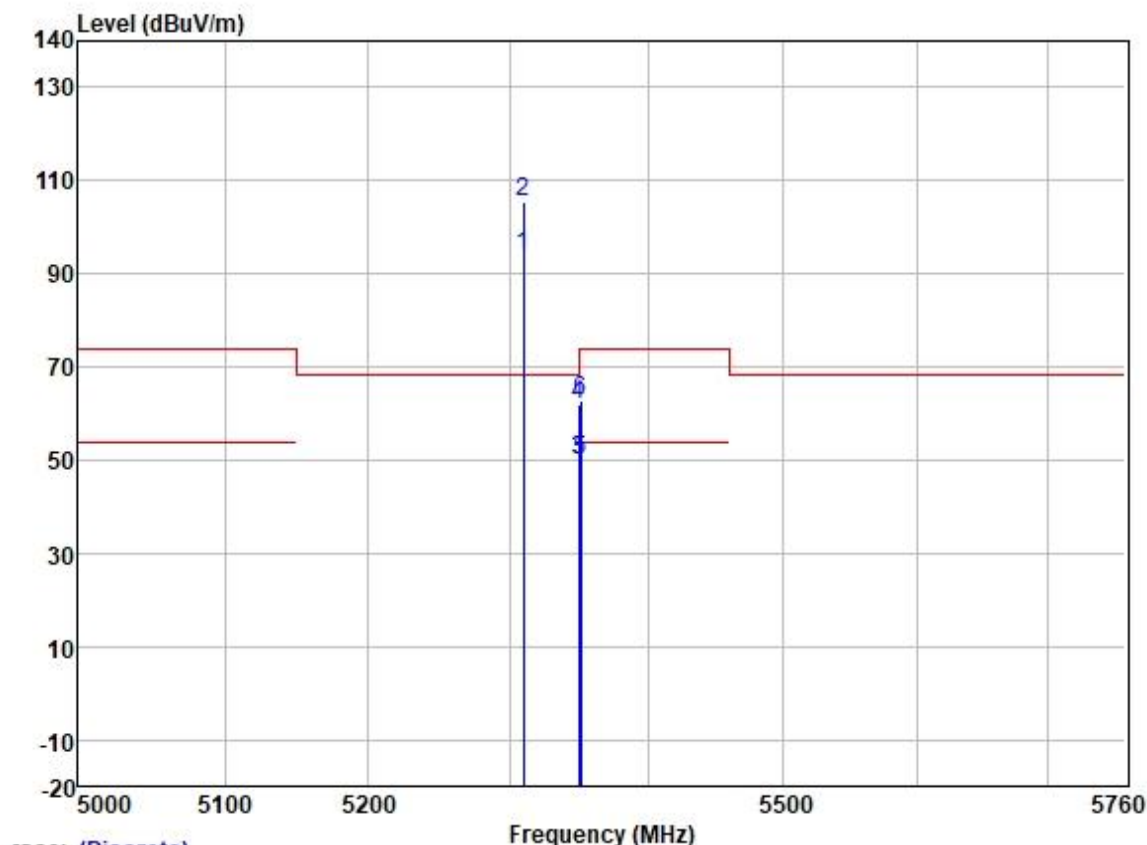


Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5118.474	49.23	31.72	5.64	36.86	49.73	54.00	-4.27	VERTICAL	Average
2	5118.474	61.70	31.72	5.64	36.86	62.20	74.00	-11.80	VERTICAL	Peak
3	5149.980	48.69	31.72	5.62	36.86	49.17	54.00	-4.83	VERTICAL	Average
4	5149.980	59.86	31.72	5.62	36.86	60.34	74.00	-13.66	VERTICAL	Peak
5	5270.000	94.81	31.75	5.80	36.87	95.49	-----	-----	VERTICAL	Average
6 *	5270.000	105.48	31.75	5.80	36.87	106.16	68.20	37.96	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

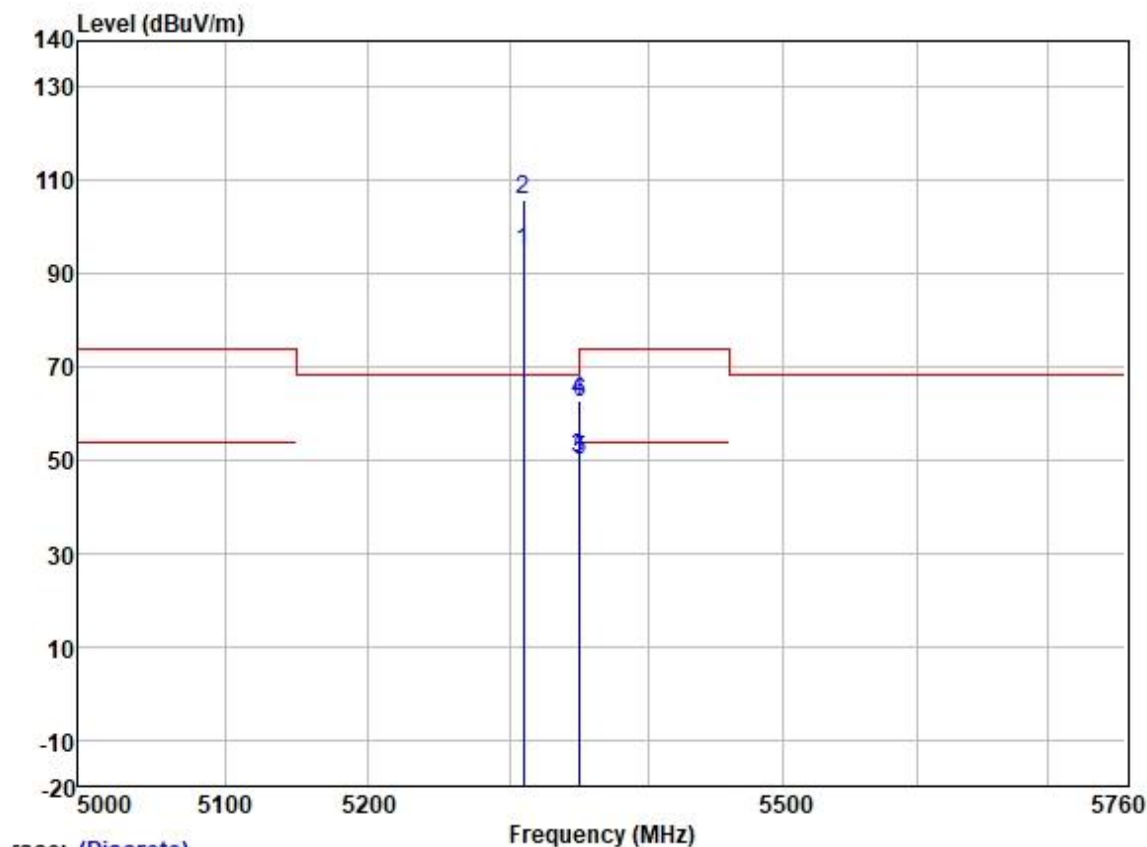
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5310.000	92.76	31.77	6.08	36.87	93.74	-----	-----	HORIZONTAL	Average
2 *	5310.000	104.38	31.77	6.08	36.87	105.36	68.20	37.16	HORIZONTAL	Peak
3	5350.020	48.99	31.77	6.05	36.88	49.93	54.00	-4.07	HORIZONTAL	Average
4	5350.020	60.91	31.77	6.05	36.88	61.85	74.00	-12.15	HORIZONTAL	Peak
5	5351.315	49.07	31.77	6.05	36.88	50.01	54.00	-3.99	HORIZONTAL	Average
6	5351.315	62.01	31.77	6.05	36.88	62.95	74.00	-11.05	HORIZONTAL	Peak



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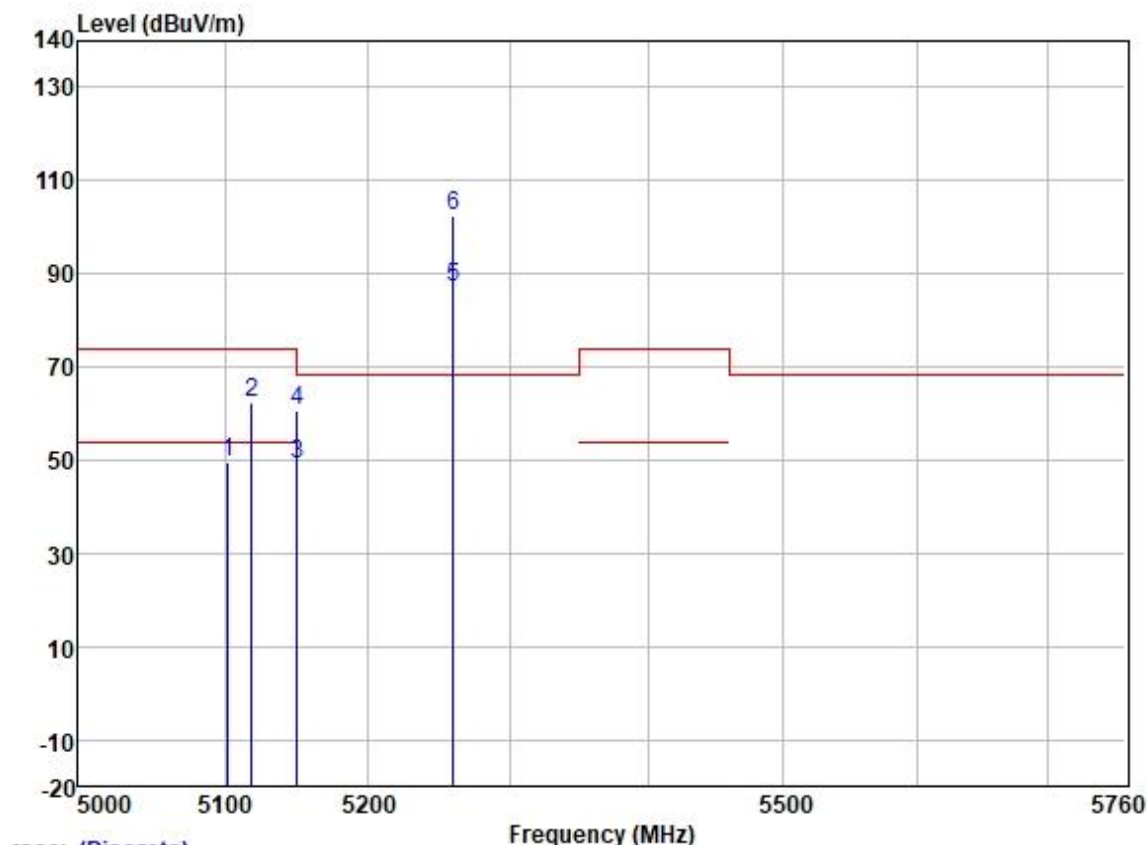
Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5310.000	94.00	31.77	6.08	36.87	94.98	-----	-----	VERTICAL	Average
2 *	5310.000	104.86	31.77	6.08	36.87	105.84	68.20	37.64	VERTICAL	Peak
3	5350.020	49.54	31.77	6.05	36.88	50.48	54.00	-3.52	VERTICAL	Average
4	5350.020	61.97	31.77	6.05	36.88	62.91	74.00	-11.09	VERTICAL	Peak
5	5350.474	49.18	31.77	6.05	36.88	50.12	54.00	-3.88	VERTICAL	Average
6	5350.474	61.47	31.77	6.05	36.88	62.41	74.00	-11.59	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

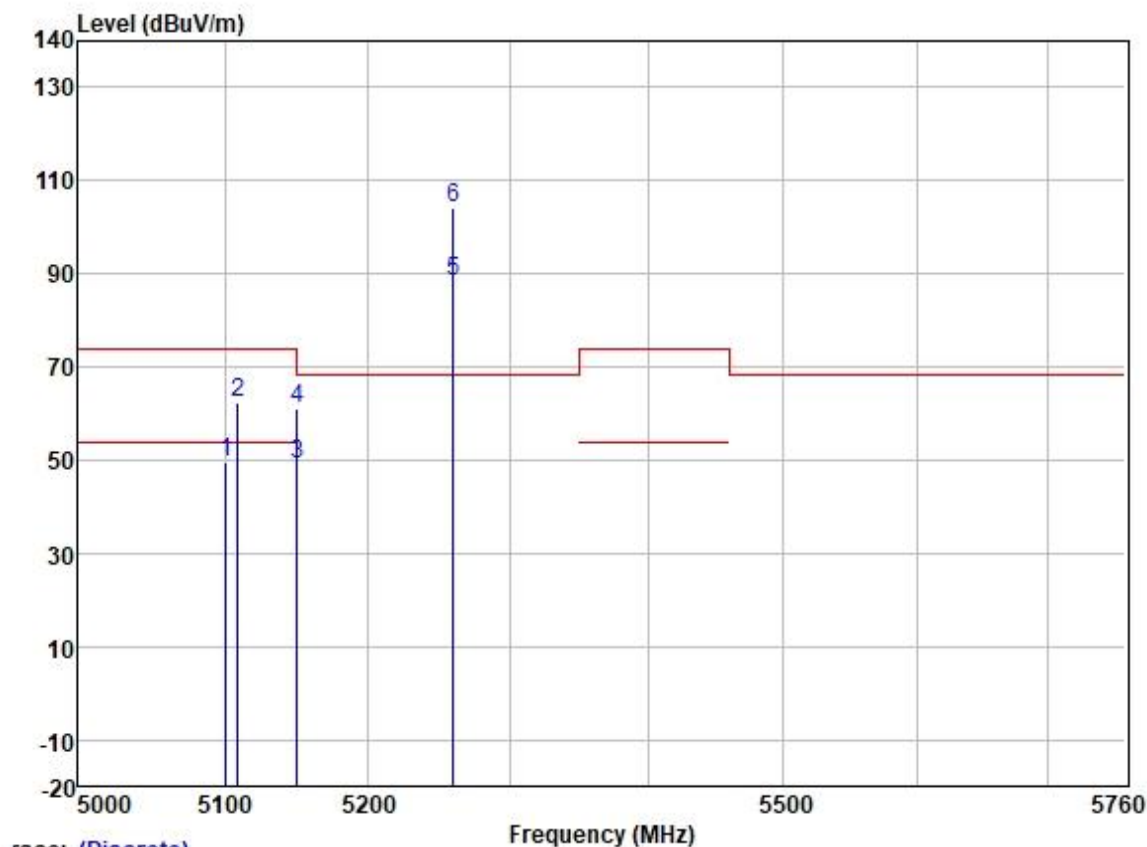
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.123	48.97	31.72	5.65	36.86	49.48	54.00	-4.52	HORIZONTAL	Average
2	5118.253	61.99	31.72	5.64	36.86	62.49	74.00	-11.51	HORIZONTAL	Peak
3	5149.980	48.74	31.72	5.62	36.86	49.22	54.00	-4.78	HORIZONTAL	Average
4	5149.980	60.10	31.72	5.62	36.86	60.58	74.00	-13.42	HORIZONTAL	Peak
5	5260.000	86.24	31.75	5.77	36.87	86.89	-----	-----	HORIZONTAL	Average
6 *	5260.000	101.90	31.75	5.77	36.87	102.55	68.20	34.35	HORIZONTAL	Peak



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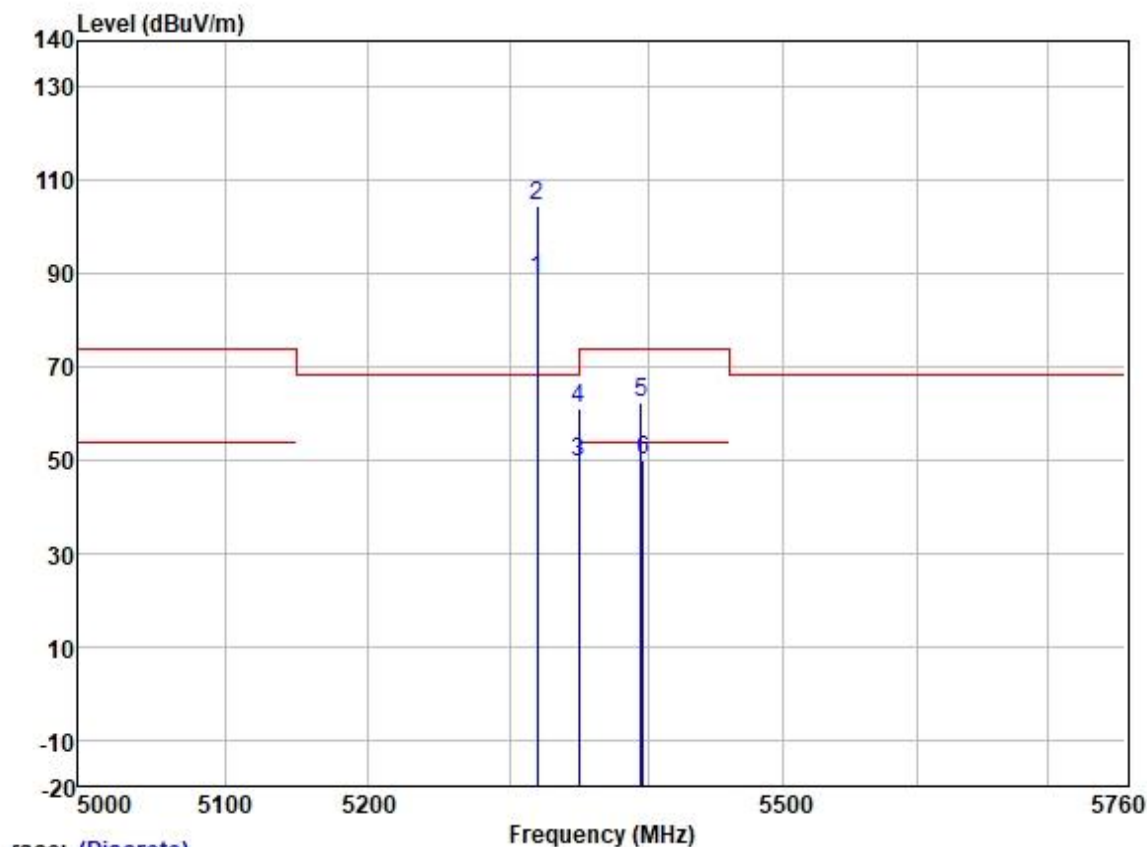
Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



	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	5100.531	48.91	31.72	5.65	36.86	49.42	54.00	-4.58	VERTICAL	Average
2	5108.675	61.94	31.72	5.65	36.86	62.45	74.00	-11.55	VERTICAL	Peak
3	5149.980	48.61	31.72	5.62	36.86	49.09	54.00	-4.91	VERTICAL	Average
4	5149.980	60.48	31.72	5.62	36.86	60.96	74.00	-13.04	VERTICAL	Peak
5	5260.000	87.93	31.75	5.77	36.87	88.58	-----	-----	VERTICAL	Average
6 *	5260.000	103.51	31.75	5.77	36.87	104.16	68.20	35.96	VERTICAL	Peak



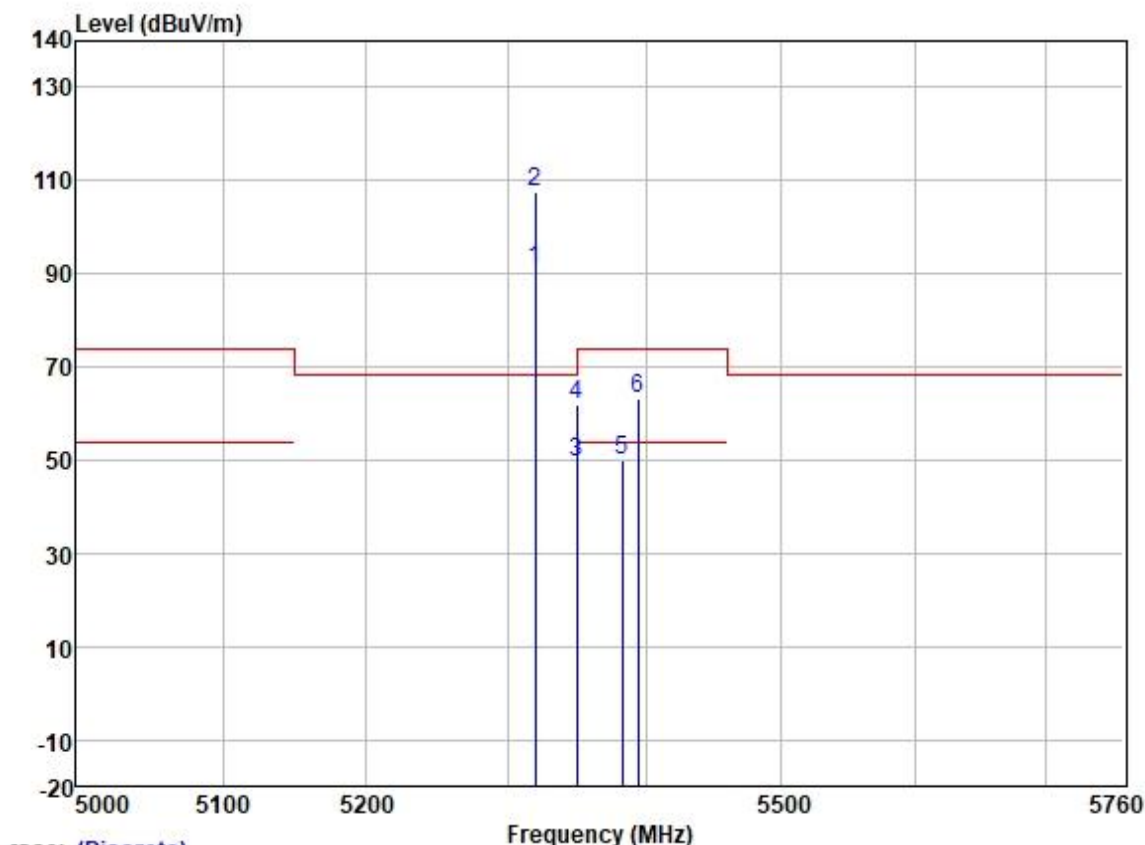
Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5320.000	87.78	31.77	6.08	36.88	88.75	-----	-----	HORIZONTAL Average
2 *	5320.000	103.76	31.77	6.08	36.88	104.73	68.20	36.53	HORIZONTAL Peak
3	5350.020	48.47	31.77	6.05	36.88	49.41	54.00	-4.59	HORIZONTAL Average
4	5350.020	60.13	31.77	6.05	36.88	61.07	74.00	-12.93	HORIZONTAL Peak
5	5395.056	61.24	31.78	6.00	36.88	62.14	74.00	-11.86	HORIZONTAL Peak
6	5396.670	48.96	31.78	6.00	36.88	49.86	54.00	-4.14	HORIZONTAL Average



Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

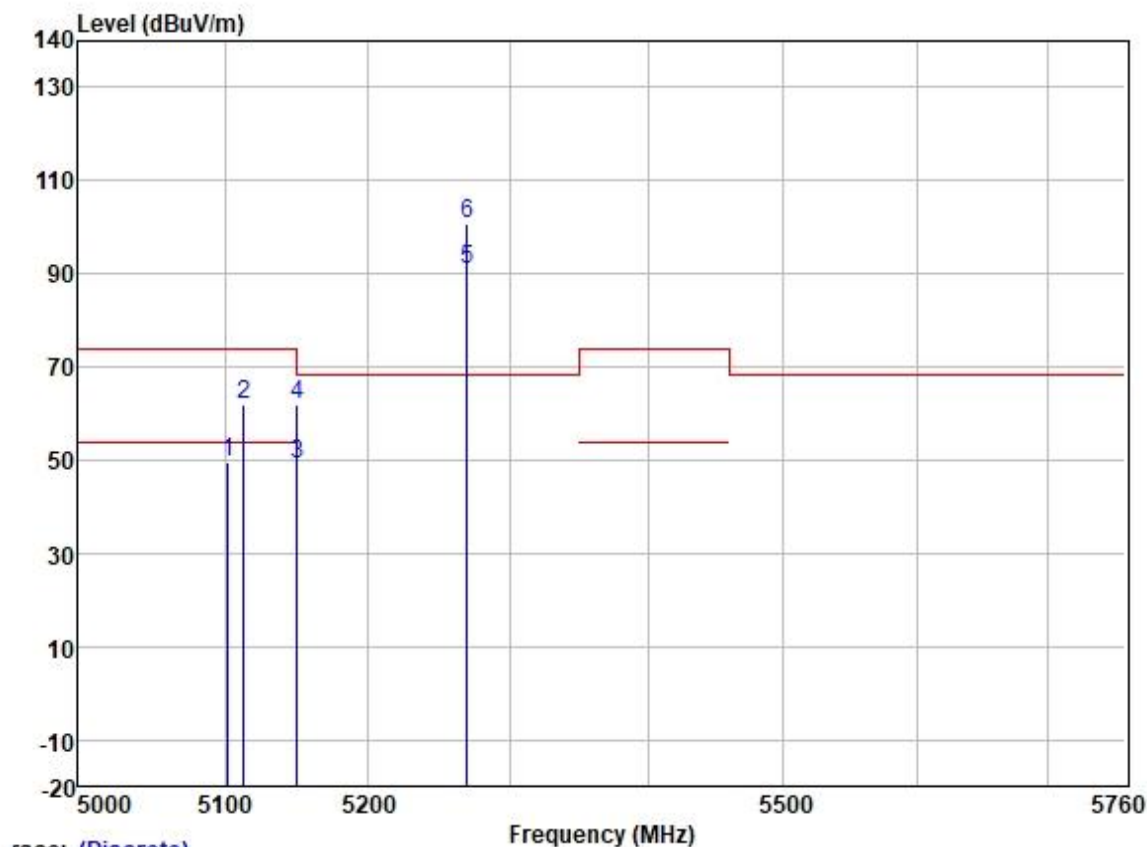


Trace: (Discrete)

	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	5320.000	89.84	31.77	6.08	36.88	90.81	-----	-----	VERTICAL	Average
2 *	5320.000	106.48	31.77	6.08	36.88	107.45	68.20	39.25	VERTICAL	Peak
3	5350.020	48.56	31.77	6.05	36.88	49.50	54.00	-4.50	VERTICAL	Average
4	5350.020	60.78	31.77	6.05	36.88	61.72	74.00	-12.28	VERTICAL	Peak
5	5382.968	48.91	31.78	6.02	36.88	49.83	54.00	-4.17	VERTICAL	Average
6	5394.552	62.51	31.78	6.00	36.88	63.41	74.00	-10.59	VERTICAL	Peak



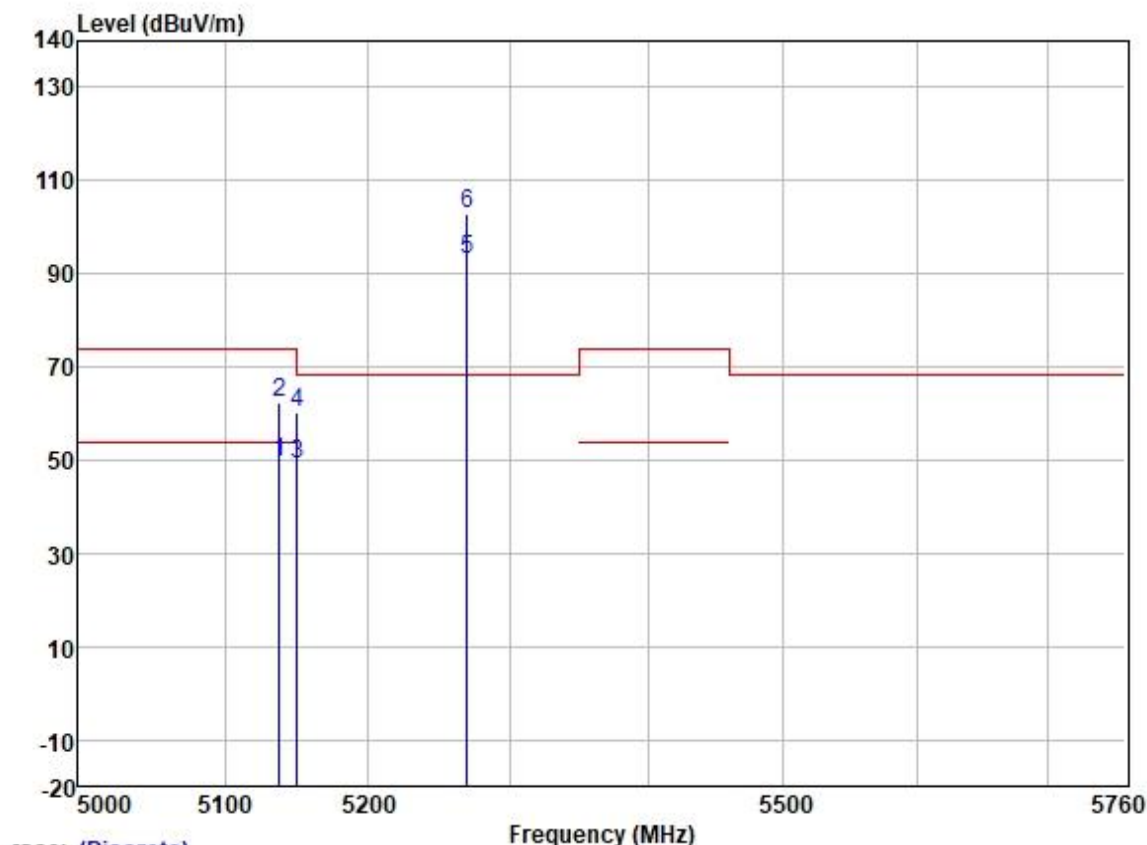
Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5102.354	49.00	31.72	5.65	36.86	49.51	54.00	-4.49	HORIZONTAL	Average
2	5113.161	61.62	31.72	5.64	36.86	62.12	74.00	-11.88	HORIZONTAL	Peak
3	5149.980	48.51	31.72	5.62	36.86	48.99	54.00	-5.01	HORIZONTAL	Average
4	5149.980	61.28	31.72	5.62	36.86	61.76	74.00	-12.24	HORIZONTAL	Peak
5	5270.000	90.21	31.75	5.80	36.87	90.89	-----	-----	HORIZONTAL	Average
6 *	5270.000	100.16	31.75	5.80	36.87	100.84	68.20	32.64	HORIZONTAL	Peak



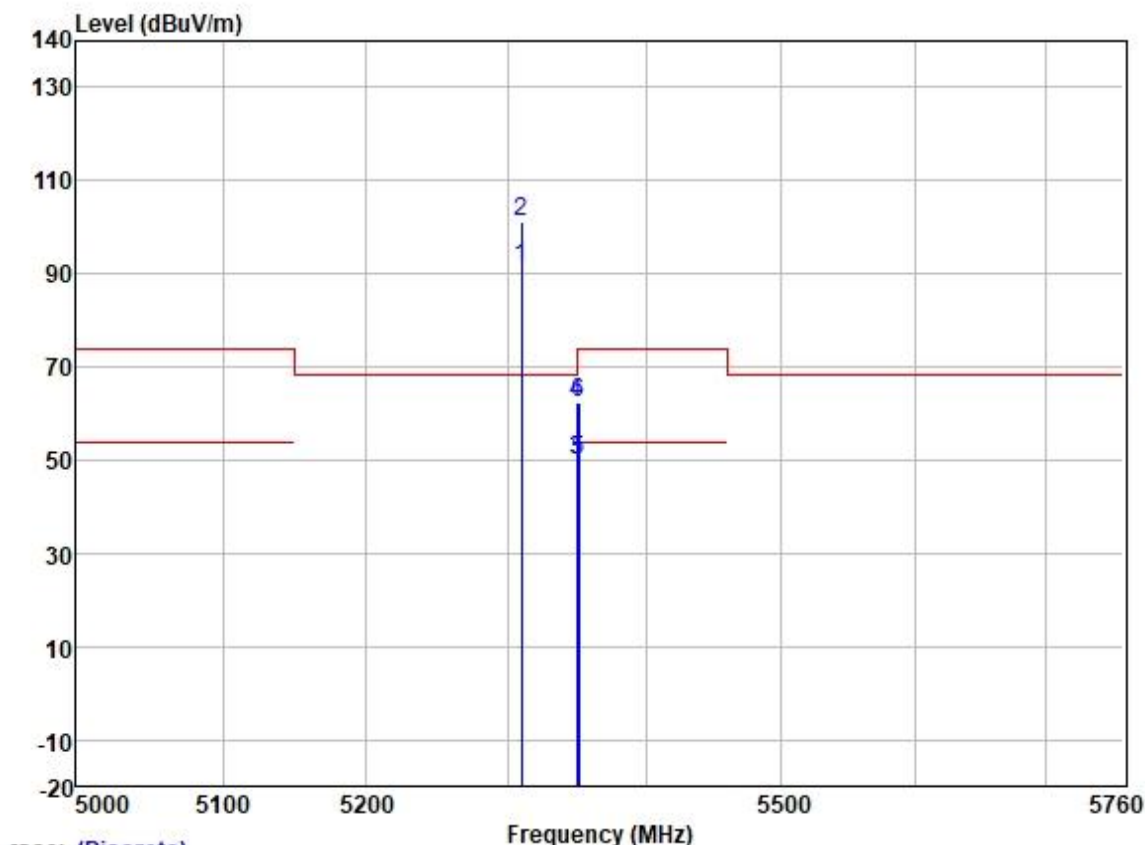
Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



	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	5137.806	49.03	31.72	5.63	36.86	49.52	54.00	-4.48	VERTICAL	Average
2	5137.806	62.02	31.72	5.63	36.86	62.51	74.00	-11.49	VERTICAL	Peak
3	5149.980	48.62	31.72	5.62	36.86	49.10	54.00	-4.90	VERTICAL	Average
4	5149.980	59.77	31.72	5.62	36.86	60.25	74.00	-13.75	VERTICAL	Peak
5	5270.000	92.40	31.75	5.80	36.87	93.08	-----	-----	VERTICAL	Average
6 *	5270.000	102.32	31.75	5.80	36.87	103.00	68.20	34.80	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



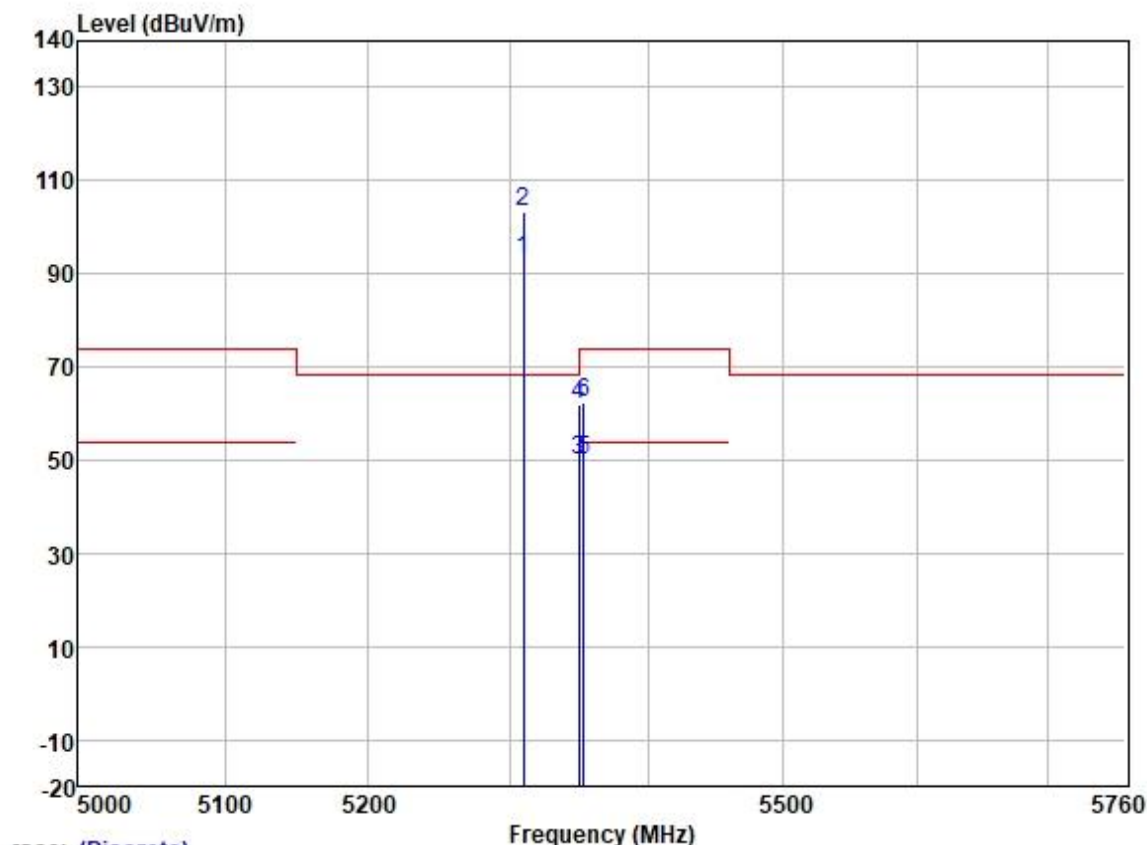
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5310.000	90.46	31.77	6.08	36.87	91.44	-----	-----	HORIZONTAL	Average
2 *	5310.000	100.32	31.77	6.08	36.87	101.30	68.20	33.10	HORIZONTAL	Peak
3	5350.020	48.91	31.77	6.05	36.88	49.85	54.00	-4.15	HORIZONTAL	Average
4	5350.020	61.47	31.77	6.05	36.88	62.41	74.00	-11.59	HORIZONTAL	Peak
5	5351.436	48.92	31.77	6.05	36.88	49.86	54.00	-4.14	HORIZONTAL	Average
6	5351.436	61.56	31.77	6.05	36.88	62.50	74.00	-11.50	HORIZONTAL	Peak



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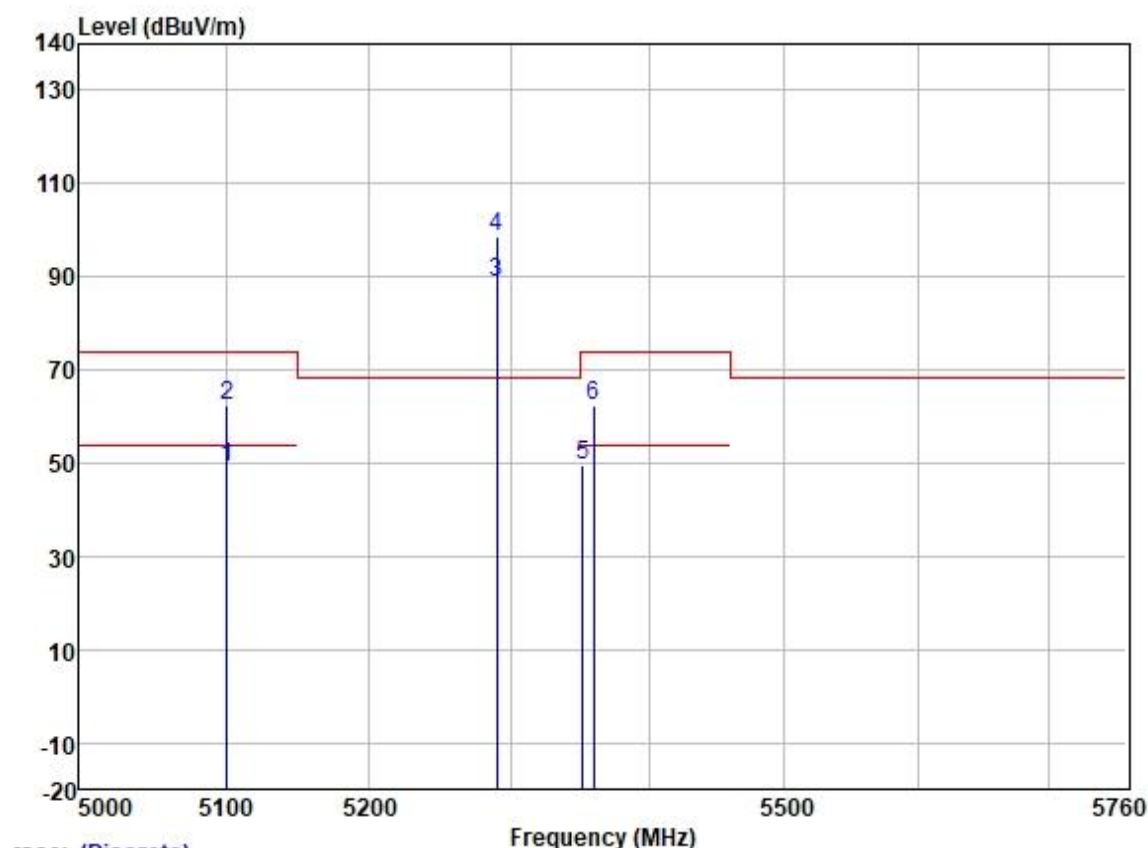
Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)		Frequency (MHz)								
	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	5310.000	92.27	31.77	6.08	36.87	93.25	-----	-----	VERTICAL	Average
2 *	5310.000	102.33	31.77	6.08	36.87	103.31	68.20	35.11	VERTICAL	Peak
3	5350.020	49.01	31.77	6.05	36.88	49.95	54.00	-4.05	VERTICAL	Average
4	5350.020	60.88	31.77	6.05	36.88	61.82	74.00	-12.18	VERTICAL	Peak
5	5353.120	49.00	31.77	6.05	36.88	49.94	54.00	-4.06	VERTICAL	Average
6	5353.120	61.50	31.77	6.05	36.88	62.44	74.00	-11.56	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



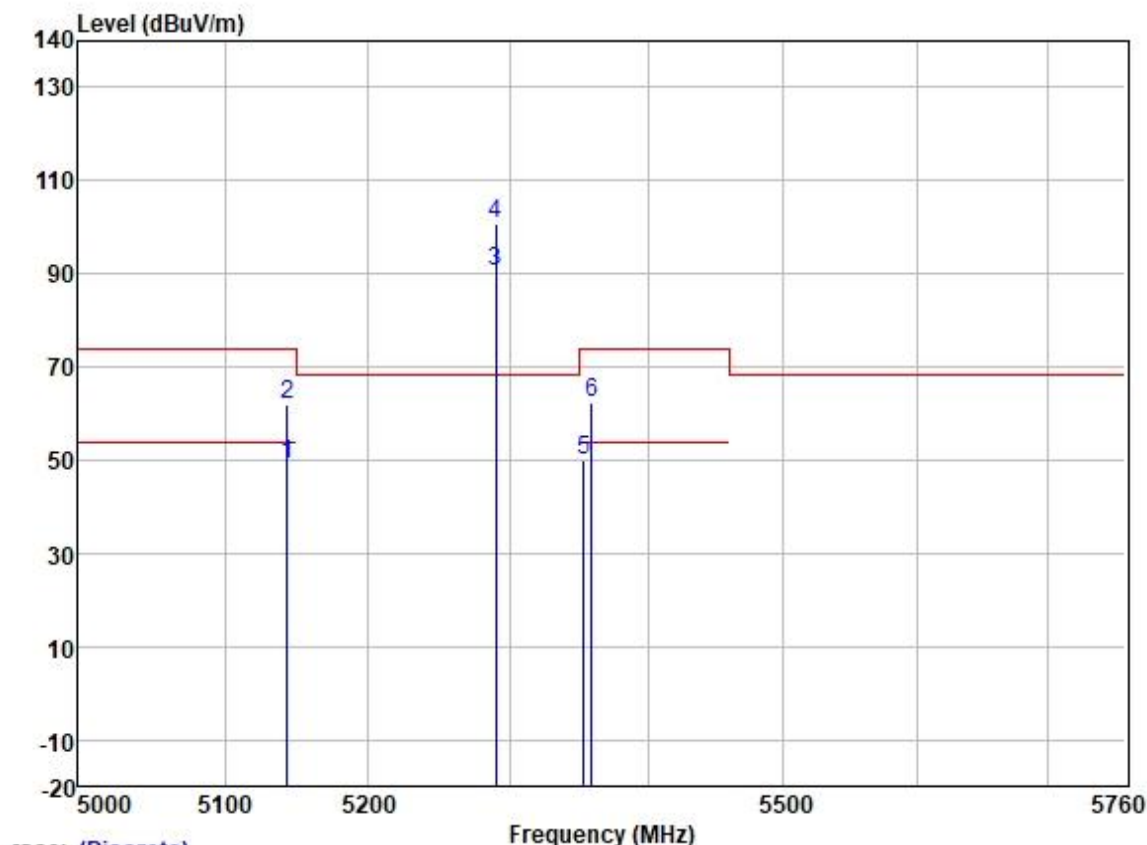
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5100.875	48.55	31.72	5.65	36.86	49.06	54.00	-4.94	HORIZONTAL	Average
2	5100.875	61.83	31.72	5.65	36.86	62.34	74.00	-11.66	HORIZONTAL	Peak
3	5290.000	87.84	31.76	6.00	36.87	88.73	-----	-----	HORIZONTAL	Average
4 *	5290.000	97.78	31.76	6.00	36.87	98.67	68.20	30.47	HORIZONTAL	Peak
5	5352.064	48.67	31.77	6.05	36.88	49.61	54.00	-4.39	HORIZONTAL	Average
6	5360.023	61.39	31.78	6.03	36.88	62.32	74.00	-11.68	HORIZONTAL	Peak



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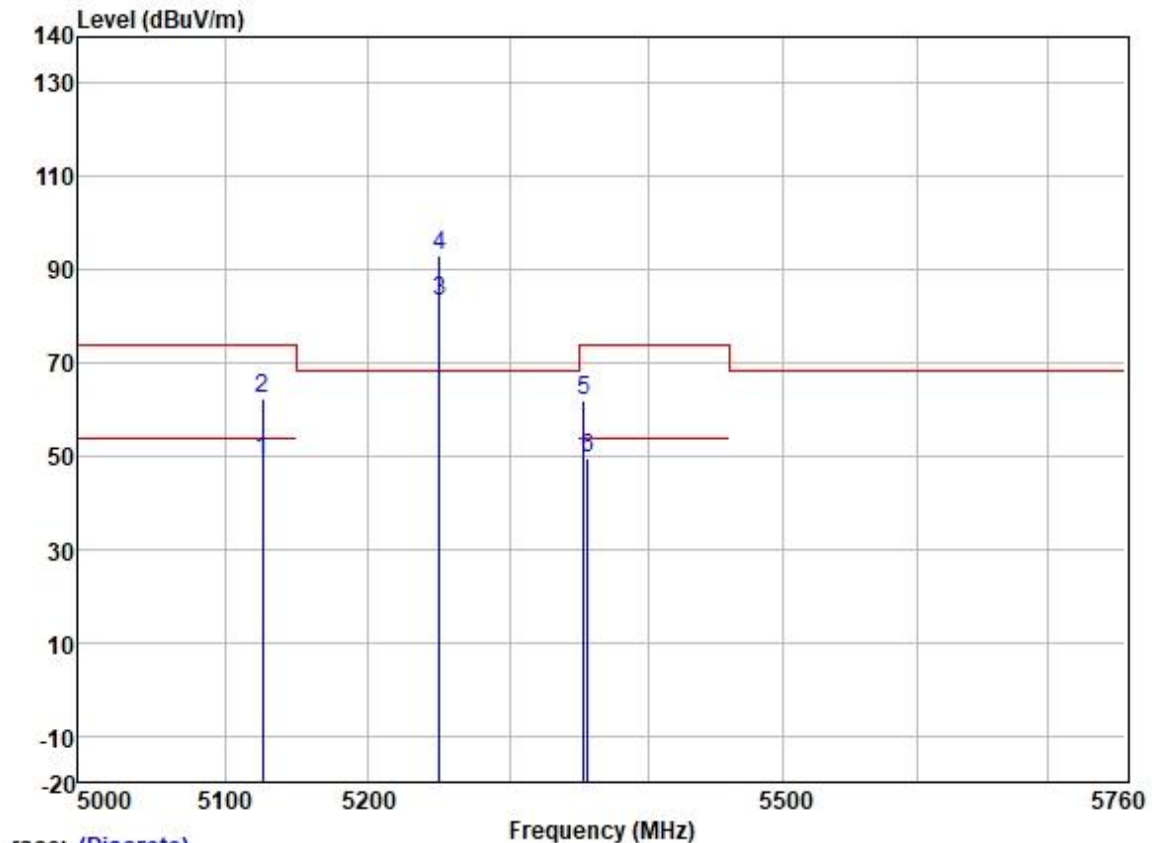
Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



	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	5143.032	48.52	31.72	5.62	36.86	49.00	54.00	-5.00	VERTICAL	Average
2	5143.032	61.55	31.72	5.62	36.86	62.03	74.00	-11.97	VERTICAL	Peak
3	5290.000	89.50	31.76	6.00	36.87	90.39	-----	-----	VERTICAL	Average
4 *	5290.000	99.89	31.76	6.00	36.87	100.78	68.20	32.58	VERTICAL	Peak
5	5353.288	49.00	31.77	6.05	36.88	49.94	54.00	-4.06	VERTICAL	Average
6	5359.104	61.39	31.78	6.03	36.88	62.32	74.00	-11.68	VERTICAL	Peak



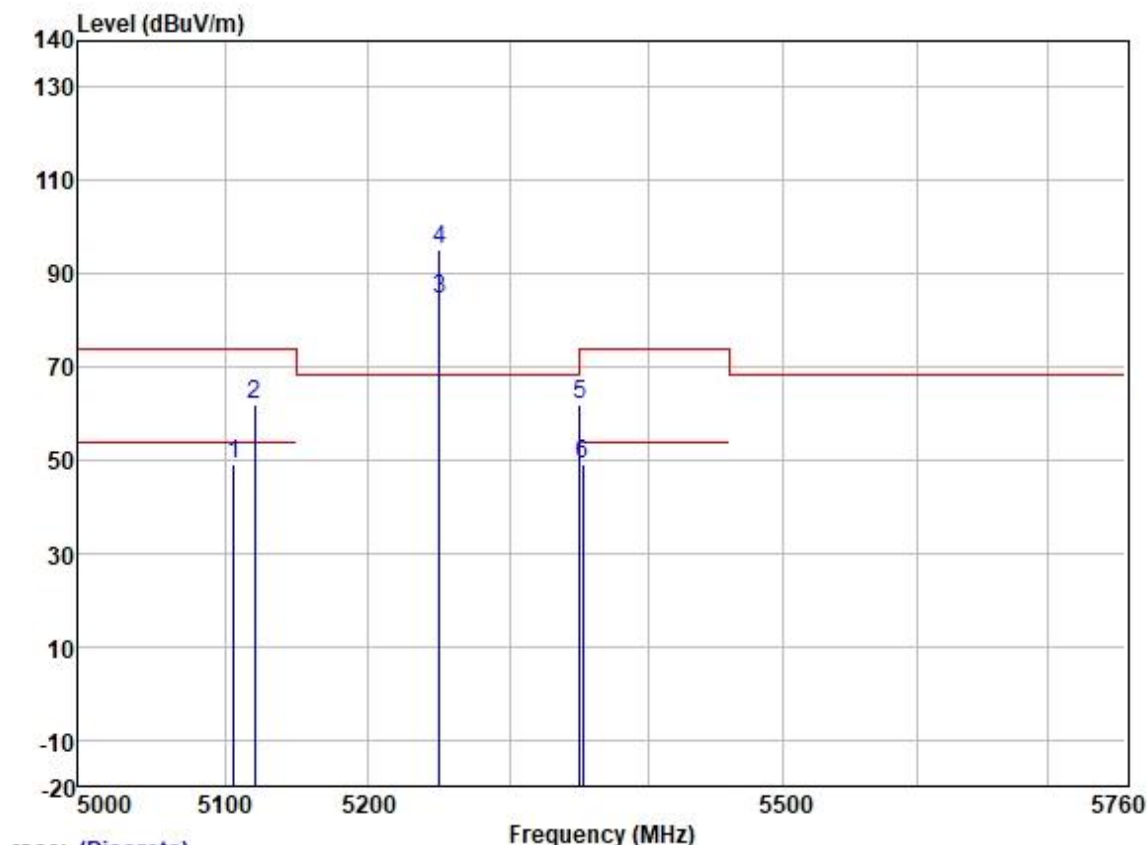
Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



	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	5125.717	48.59	31.72	5.64	36.86	49.09	54.00	-4.91	HORIZONTAL	Average
2	5125.717	61.82	31.72	5.64	36.86	62.32	74.00	-11.68	HORIZONTAL	Peak
3	5250.000	82.45	31.75	5.77	36.87	83.10	-----	-----	HORIZONTAL	Average
4 *	5250.000	92.37	31.75	5.77	36.87	93.02	68.20	24.82	HORIZONTAL	Peak
5	5353.594	60.86	31.77	6.05	36.88	61.80	74.00	-12.20	HORIZONTAL	Peak
6	5356.042	48.45	31.78	6.03	36.88	49.38	54.00	-4.62	HORIZONTAL	Average



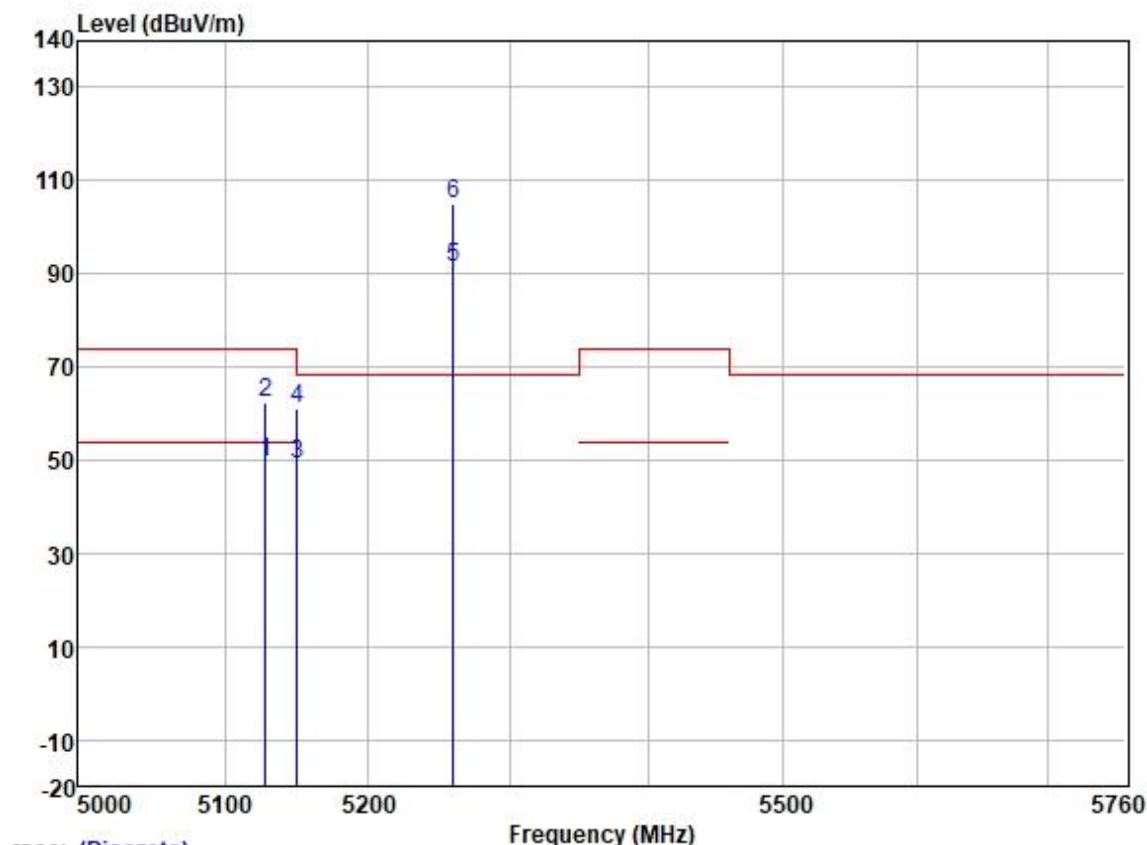
Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5106.417	48.62	31.72	5.65	36.86	49.13	54.00	-4.87	VERTICAL	Average
2	5120.446	61.57	31.72	5.64	36.86	62.07	74.00	-11.93	VERTICAL	Peak
3	5250.000	83.80	31.75	5.77	36.87	84.45	-----	-----	VERTICAL	Average
4 *	5250.000	94.44	31.75	5.77	36.87	95.09	68.20	26.89	VERTICAL	Peak
5	5350.229	61.04	31.77	6.05	36.88	61.98	74.00	-12.02	VERTICAL	Peak
6	5352.676	48.34	31.77	6.05	36.88	49.28	54.00	-4.72	VERTICAL	Average

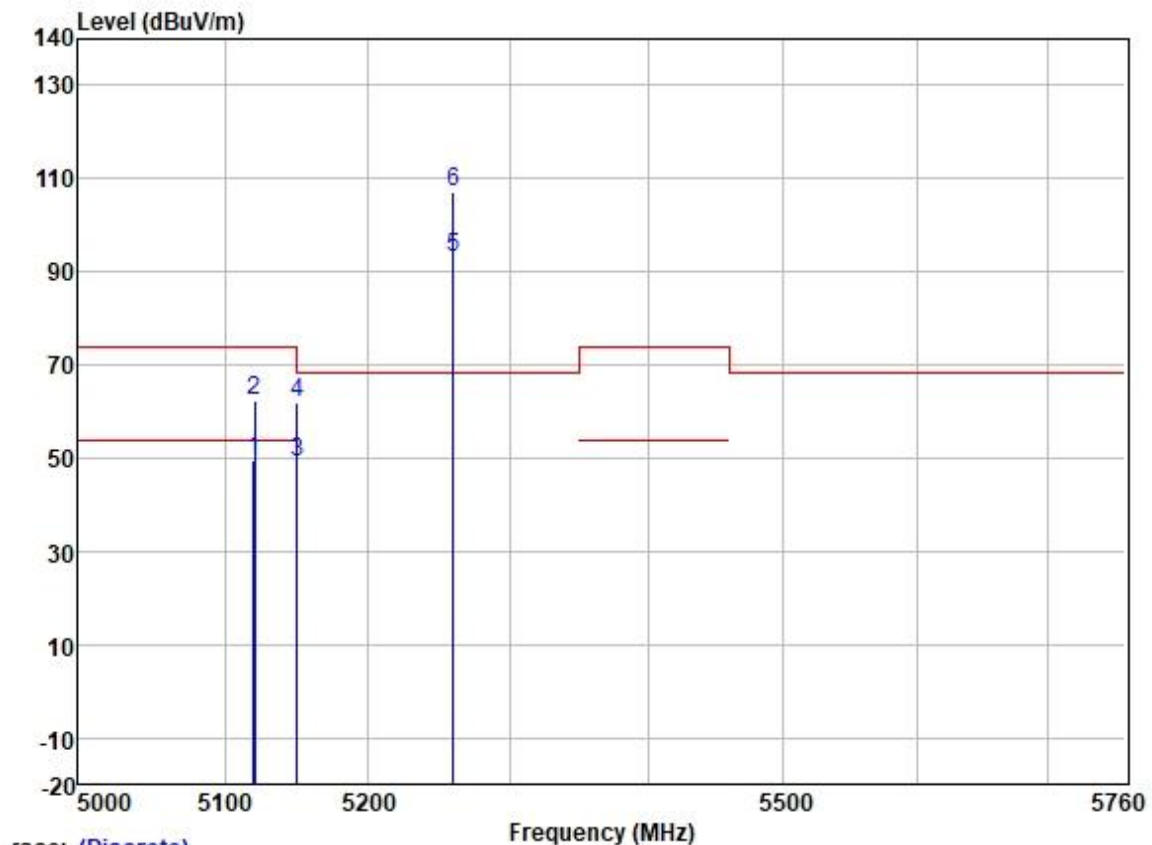


Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5128.026	48.93	31.72	5.63	36.86	49.42	54.00	-4.58	HORIZONTAL	Average
2	5128.026	61.83	31.72	5.63	36.86	62.32	74.00	-11.68	HORIZONTAL	Peak
3	5149.980	48.55	31.72	5.62	36.86	49.03	54.00	-4.97	HORIZONTAL	Average
4	5149.980	60.66	31.72	5.62	36.86	61.14	74.00	-12.86	HORIZONTAL	Peak
5	5260.000	90.80	31.75	5.77	36.87	91.45	-----	-----	HORIZONTAL	Average
6 *	5260.000	104.17	31.75	5.77	36.87	104.82	68.20	36.62	HORIZONTAL	Peak

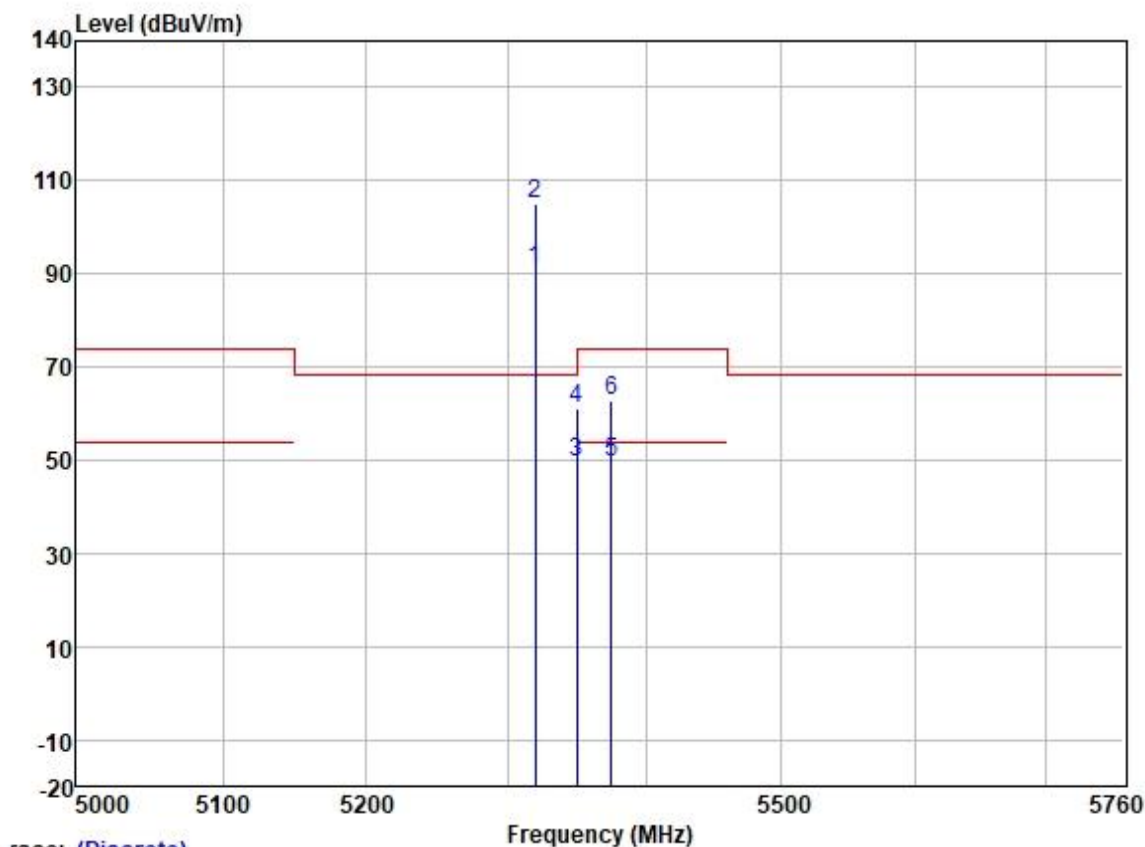
Test Mode: 17; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



	Freq	Read Level	Antenna 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	5120.185	48.97	31.72	5.64	36.86	49.47	54.00	-4.53	VERTICAL	Average
2	5120.562	62.03	31.72	5.64	36.86	62.53	74.00	-11.47	VERTICAL	Peak
3	5149.980	48.61	31.72	5.62	36.86	49.09	54.00	-4.91	VERTICAL	Average
4	5149.980	61.33	31.72	5.62	36.86	61.81	74.00	-12.19	VERTICAL	Peak
5	5260.000	92.21	31.75	5.77	36.87	92.86	-----	-----	VERTICAL	Average
6 *	5260.000	106.42	31.75	5.77	36.87	107.07	68.20	38.87	VERTICAL	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5320.000	89.96	31.77	6.08	36.88	90.93	-----	-----	HORIZONTAL	Average
2 *	5320.000	104.16	31.77	6.08	36.88	105.13	68.20	36.93	HORIZONTAL	Peak
3	5350.020	48.63	31.77	6.05	36.88	49.57	54.00	-4.43	HORIZONTAL	Average
4	5350.020	60.04	31.77	6.05	36.88	60.98	74.00	-13.02	HORIZONTAL	Peak
5	5375.025	48.82	31.78	6.02	36.88	49.74	54.00	-4.26	HORIZONTAL	Average
6	5375.025	61.75	31.78	6.02	36.88	62.67	74.00	-11.33	HORIZONTAL	Peak

