



EMC-TRF-01 Rev 1.0

Report No.: GZCR210802082903

Page: 1 of 195

FCC ID: SS3-L2P2104

TEST REPORT

Application No.: GZCR2108020829AT
Applicant: SZ DJI TECHNOLOGY CO.,LTD.
Address of Applicant: 14th floor, West Wing, Skyworth Semiconductor Design Building NO.18
Gaoxin South 4th Ave, Nanshan District, Shenzhen, Guangdong, China
Manufacturer: SZ DJI TECHNOLOGY CO.,LTD.
Address of Manufacturer: 14th floor, West Wing, Skyworth Semiconductor Design Building NO.18
Gaoxin South 4th Ave, Nanshan District, Shenzhen, Guangdong, China

Equipment Under Test (EUT):

EUT Name: DJI Mavic 3 Cine, DJI Mavic 3

Model No.: L2P, L2A ♣

♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

Trade mark: DJI

Standard(s) : 47 CFR Part 15, Subpart E 15.407

Date of Receipt: 2021-08-13

Date of Test: 2021-08-13 to 2021-08-28

Date of Issue: 2021-09-01

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		2021-09-01		Original

Authorized for issue by			
Tested By			
		Curry Wu /Project Engineer	
Reviewed By			
		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 E 15.407 (c)	Pass
Frequency Stability		KDB 789033 II A 3	47 CFR Part 15, Subpart E 15.407 (g)	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 & E 15.407 b(6)	Pass
Duty Cycle		KDB 789033 II B 1	KDB 789033 D02 II B 1	Pass
99% Bandwidth		KDB 789033 II D	N/A	Pass
26dB Emission bandwidth		KDB 789033 D02 II C 1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		KDB 789033 D02 II C 2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		KDB 789033 D02 II E	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		KDB 789033 D02 II F	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & E 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 & E 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.

KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.



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Declaration of EUT Family Grouping:

Model No.:	Product Description
L2P	DJI Mavic 3 Cine
L2A	DJI Mavic 3

Model No.:L2P, L2A

Only the model L2P was tested, since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for the above models, the difference between L2P and L2A is that the memory is different. L2P has one more SSD than L2A.



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4 General Information

4.1 Details of E.U.T.

Power supply:	Input:DC 15.4V DC 15.4V 5000mAh, 77Wh Lithium-ion rechargeable battery(to be charged from Type C port), Model: BWX260-5000-15.4
Antenna Type:	PCB Antenna
Antenna Gain:	Antenna 1&2: 2.0dBi

Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band III	802.11a/n(HT20)/ac(VHT20)/ax(HEW20)	5745-5825	5
		802.11n(HT40)/ac(VHT40)/ax(HEW40)	5755-5795	2
		802.11ac(VHT80)/ax(HEW80)	5775	1
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDM&OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)			
Channel Spacing:	802.11a/n(HT20)/ac(VHT20)/ax(HEW20) : 20MHz 802.11n(HT40)/ac(VHT40)/ax(HEW40) : 40MHz 802.11ac(VHT80)/ax(HEW80) : 80MHz			

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
AC/DC Adapter	DJI	PD-65US	N/A

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	3.12dB
Duty Cycle	± 0.37%
99% Bandwidth	± 3%
26dB Emission bandwidth	± 3%
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	± 3%
Maximum Conducted output power	± 0.75dB
Peak Power spectrum density	± 2.84dB
Radiated Emissions	5.06dB (30MHz-1GHz ; 3m) 4.46dB (30MHz-1GHz ; 10m) 5.08dB (1GHz-6GHz) 5.14dB (above 6GHz)
Radiated Emissions which fall in the restricted bands	5.06dB (30MHz-1GHz ; 3m) 4.46dB (30MHz-1GHz ; 10m) 5.08dB (1GHz-6GHz) 5.14dB (above 6GHz)
Frequency Stability	± 7.25 x 10 ⁻⁸

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.



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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



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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	2021-01-08	2022-01-06
Two-Line V-Network-GZ	Rohde & Schwarz	ENV216	EMC2135	2020-09-25	2021-09-24
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	ESR4	EMC2221	2021/6/1	2022/5/31

99% Bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	Agilent Technologies	N9010A	EMC2138	2020-09-17	2021-09-16
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01

Conducted Peak Output Power					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Power Meter (U2021XA_Ch2)	Agilent Technologies	U2021XA_Ch2	SEM009-02	2021-05-19	2022-05-18
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01



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Duty Cycle

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	Agilent Technologies	N9010A	EMC2138	2020-09-17	2021-09-16
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01

Minimum 6dB Bandwidth

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	Agilent Technologies	N9010A	EMC2138	2020-09-17	2021-09-16
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01

Power Spectrum Density

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	Agilent Technologies	N9010A	EMC2138	2020-09-17	2021-09-16
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01

Radiated Emissions

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Chamber cable (Above 1GHz)	Scoflex	KMKM-8.0m	EMC0545	2020/9/9	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
MXE EMI Receiver(10Hz-8.4GHz)	Keysight	N9038A	EMC2139	2020-11-13	2021-11-12
EXA Signal Analyzer(10Hz-44GHz)	Keysight	N9010A	EMC2138	2020-09-17	2021-09-16
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A
Notch Filter (5150-5880)	Mico-Tronics	BRM50716	EMC2168	2021-07-28	2022-07-27
Signal Analyzer (20Hz-26.5GHz)	Rohde & Schwarz	FISQ 26	EMC0069	2020/11/13	2021-11-12



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Radiated Spurious 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
EMI Test Receiver(20Hz-26.5GHz)	Rohde & Schwarz	ESIB26	EMC0522	2021-01-08	2022-01-07
Chamber cable(Above 1GHz)	Scoflex	KMKM-8.0m	EMC0545	2020/9/9	2022/9/8
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
MXE EMI Receiver(10Hz-8.4GHz)	Keysight	N9038A	EMC2139	2020-11-13	2021-11-12
EXA Signal Analyzer(10Hz-44GHz)	Keysight	N9010A	EMC2138	2020-09-17	2021-09-16
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A
Notch Filter (5150-5880)	Mico-Tronics	BRM50716	EMC2168	2021-07-28	2022-07-27
Signal Analyzer (20Hz-26.5GHz)	Rohde & Schwarz	FISQ 26	EMC0069	2020/11/13	2021/11/12

26dB Emission bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	Agilent Technologies	N9010A	EMC2138	2020-09-17	2021-09-16
6dB Attenuator	HP	8491A	EMC2062	2020-04-15	2022-04-14
MI CABLE	SGS-EMC	0.8M	EMC2136	2019-11-02	2021-11-01

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

Standard 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 an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the Antenna 1: 2dBi; Antenna 2: 2dBi.

Antenna location: Refer to internal photo.



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6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

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 signaling 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:

Wi-Fi 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.

6.3 Frequency Stability

6.3.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (g)

6.3.2 Conclusion

The grantee declared that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual, it comply the frequency stability requirement.

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 & E 15.407 b(6)

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

Limit:

Frequency of emission(MHz)	Conducted limit(dBμV)	
	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: 25.3 °C

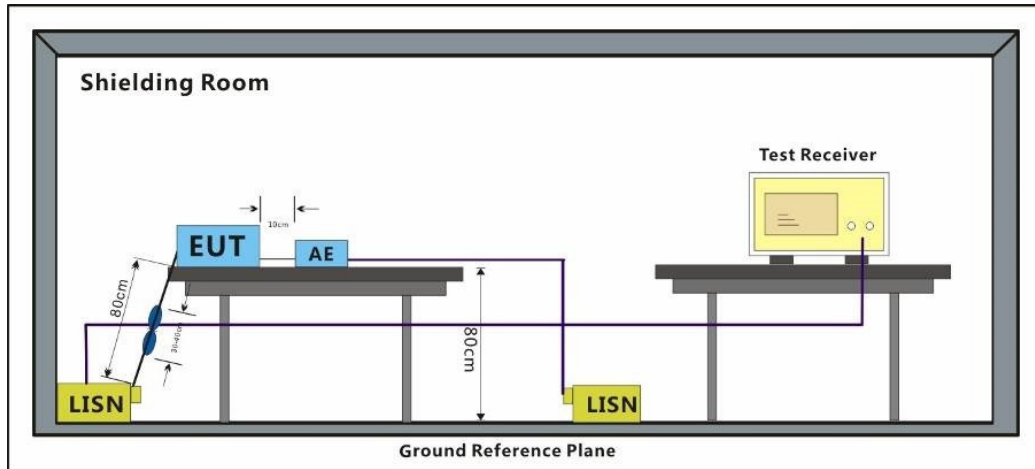
Humidity: 54.8 % RH

Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	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 @ 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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram

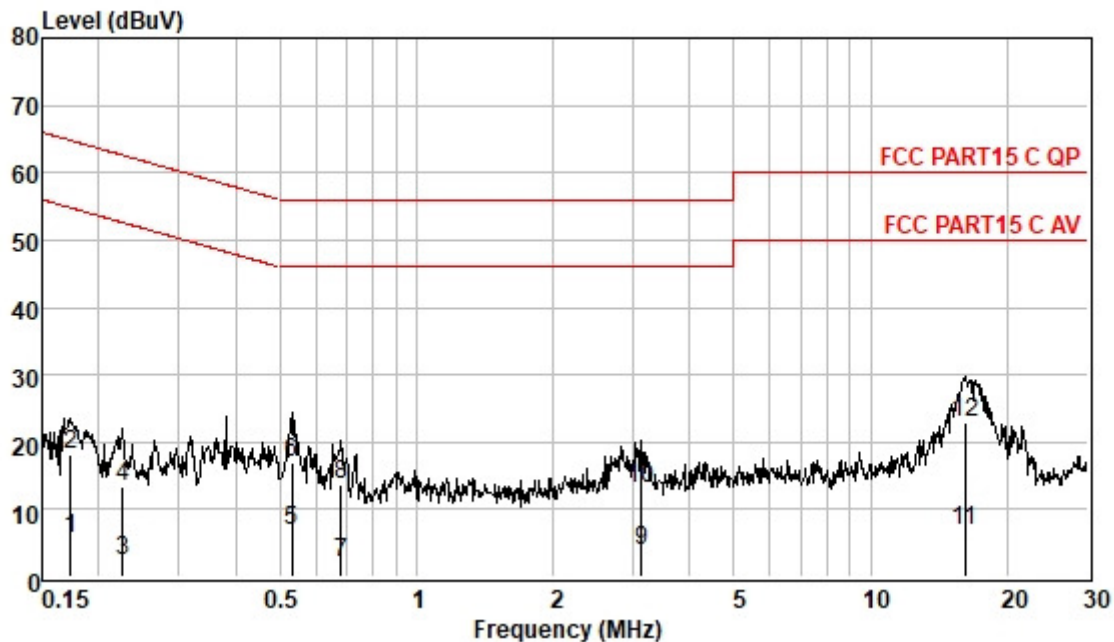


7.1.4 Measurement Procedure and Data

- 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.

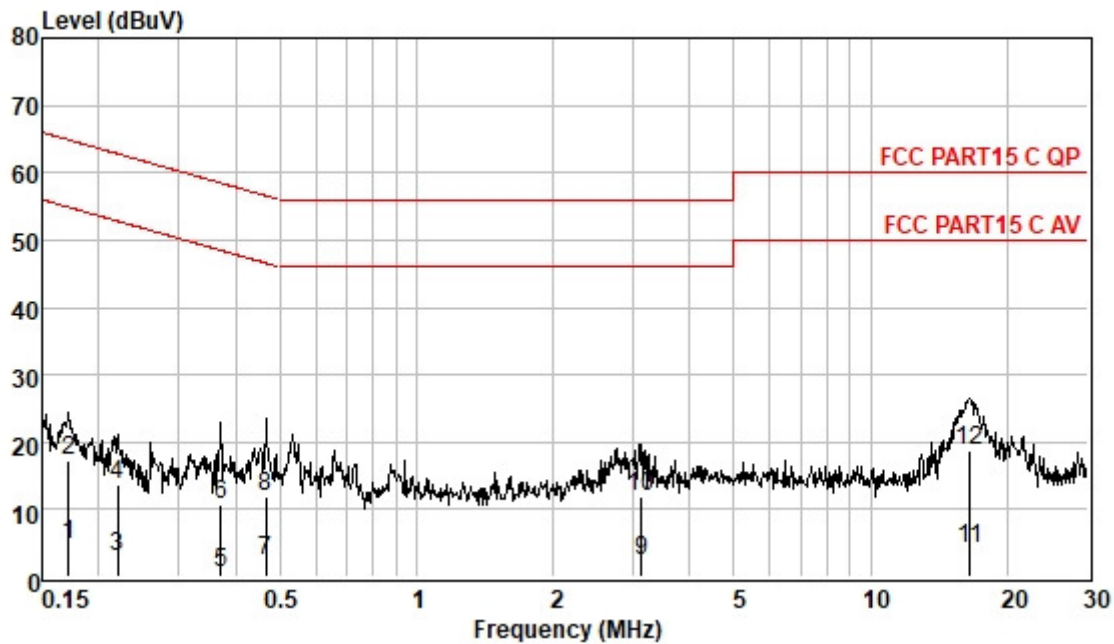
Remark: LISN=Read Level+ Cable Loss+ LISN Factor

Test Mode: 07; Line: Live line; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

Pol : LINE
Mode : 07
Model :

Frequency MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.17	-4.13	0.06	9.62	5.55	54.81	-49.26	Average
0.17	8.48	0.06	9.62	18.16	64.81	-46.65	QP
0.23	-7.38	0.06	9.62	2.30	52.61	-50.31	Average
0.23	3.70	0.06	9.62	13.38	62.61	-49.23	QP
0.53	-2.81	0.07	9.63	6.89	46.00	-39.11	Average
0.53	7.34	0.07	9.63	17.04	56.00	-38.96	QP
0.68	-7.53	0.07	9.63	2.17	46.00	-43.83	Average
0.68	4.05	0.07	9.63	13.75	56.00	-42.25	QP
3.12	-6.00	0.15	9.62	3.77	46.00	-42.23	Average
3.12	3.43	0.15	9.62	13.20	56.00	-42.80	QP
16.14	-3.24	0.32	9.75	6.83	50.00	-43.17	Average
16.14	12.98	0.32	9.75	23.05	60.00	-36.95	QP

Test Mode: 07; Line: Neutral Line; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Pol : NEUTRAL

Mode : 07

Model :

Frequency MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.17	-4.76	0.06	9.55	4.85	54.90	-50.05	Average
0.17	7.77	0.06	9.55	17.38	64.90	-47.52	QP
0.22	-6.51	0.06	9.54	3.09	52.83	-49.74	Average
0.22	4.13	0.06	9.54	13.73	62.83	-49.10	QP
0.37	-8.98	0.06	9.55	0.63	48.47	-47.84	Average
0.37	0.97	0.06	9.55	10.58	58.47	-47.89	QP
0.47	-7.35	0.07	9.55	2.27	46.58	-44.31	Average
0.47	2.35	0.07	9.55	11.97	56.58	-44.61	QP
3.12	-7.25	0.15	9.56	2.46	46.00	-43.54	Average
3.12	2.14	0.15	9.56	11.85	56.00	-44.15	QP
16.49	-5.80	0.33	9.65	4.18	50.00	-45.82	Average
16.49	8.79	0.33	9.65	18.77	60.00	-41.23	QP

7.2 Duty Cycle

Test Requirement KDB 789033 D02 II B 1
Test Method: KDB 789033 D02 II B 2

7.2.1 E.U.T. Operation

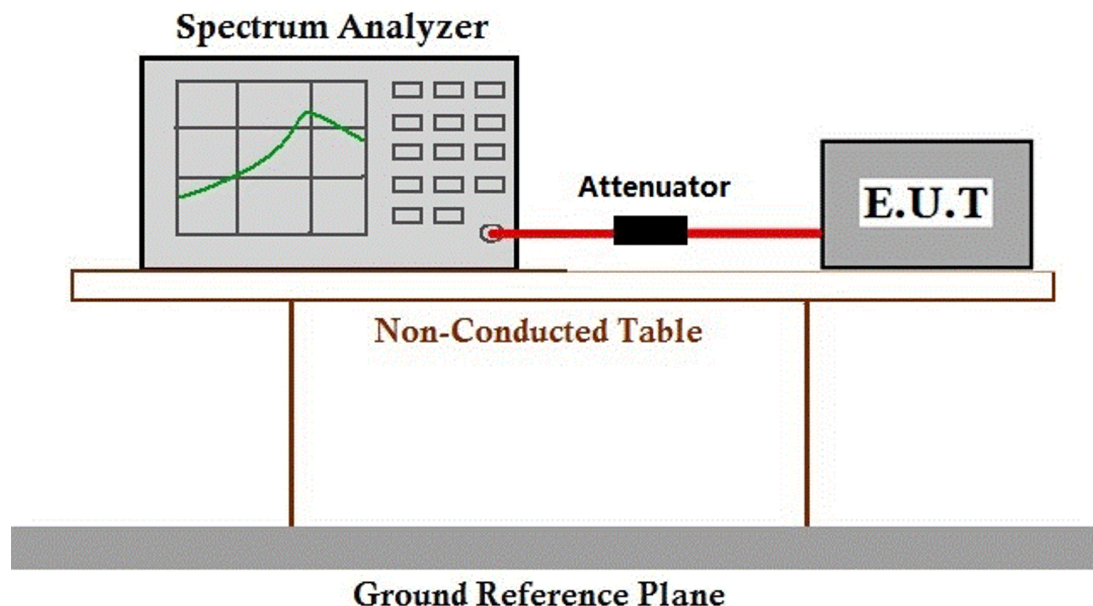
Operating Environment:

Temperature: 23.0 °C Humidity: 41.0 % RH Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Please Refer To Appendix For Details



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7.3 99% Bandwidth

Test Requirement N/A
Test Method: KDB 789033 II D

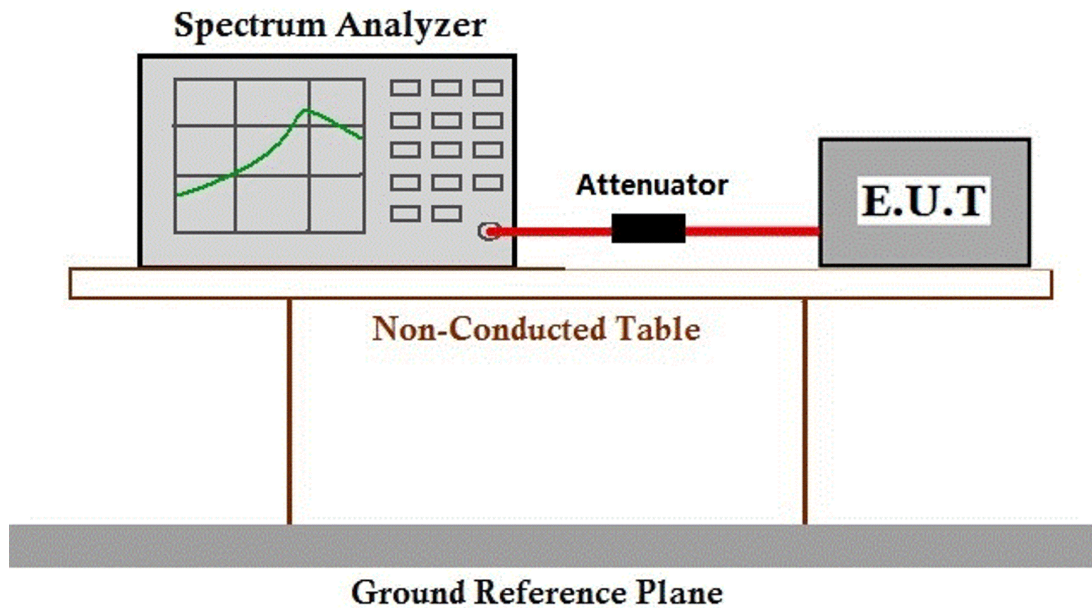
7.3.1 E.U.T. Operation

Operating Environment:
Temperature: 23.0 °C Humidity: 41.0 % RH Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.4 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: KDB 789033 D02 II C 1

7.4.1 E.U.T. Operation

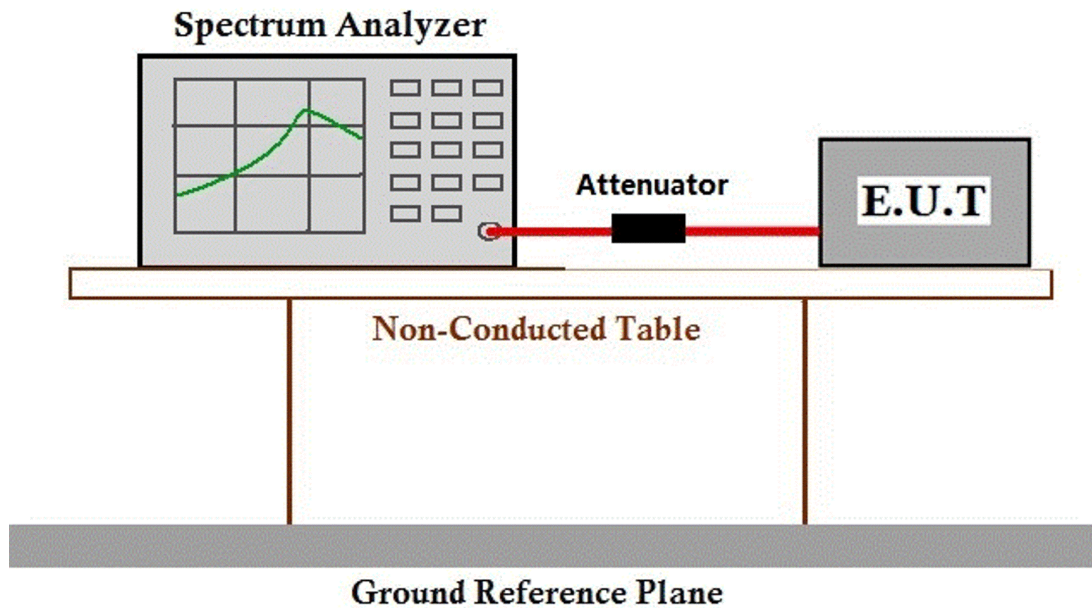
Operating Environment:

Temperature: 23.0 °C Humidity: 41.0 % RH Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.5 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 23.0 °C

Humidity: 41.0 % RH

Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

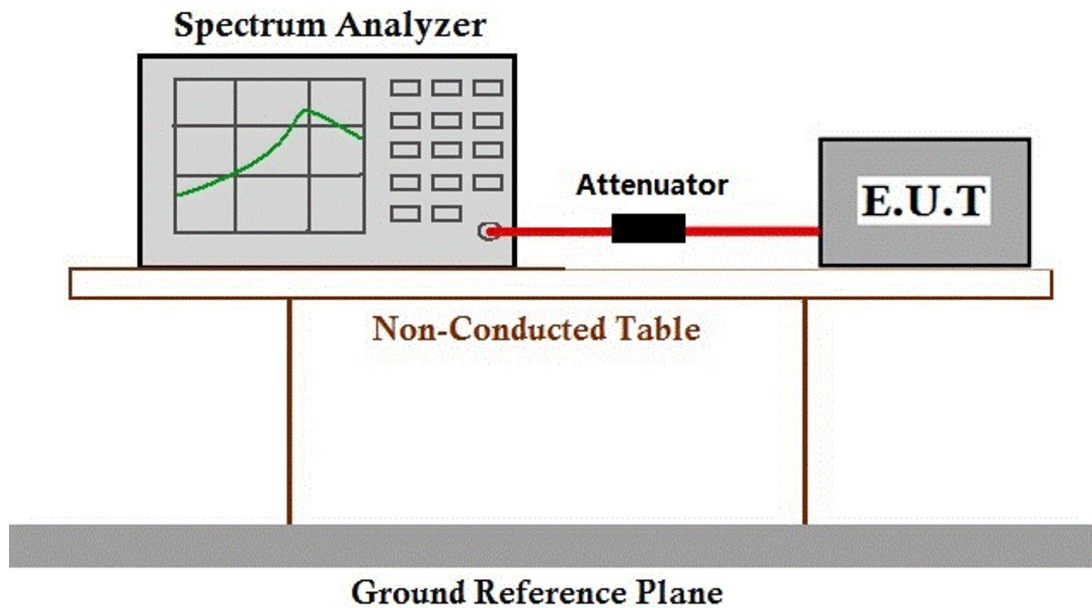
Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-3) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst 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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.



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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.6 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) for client device or 11dBm+10logB*
5470-5725	≤250mW(24dBm) for client device or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 23.0 °C

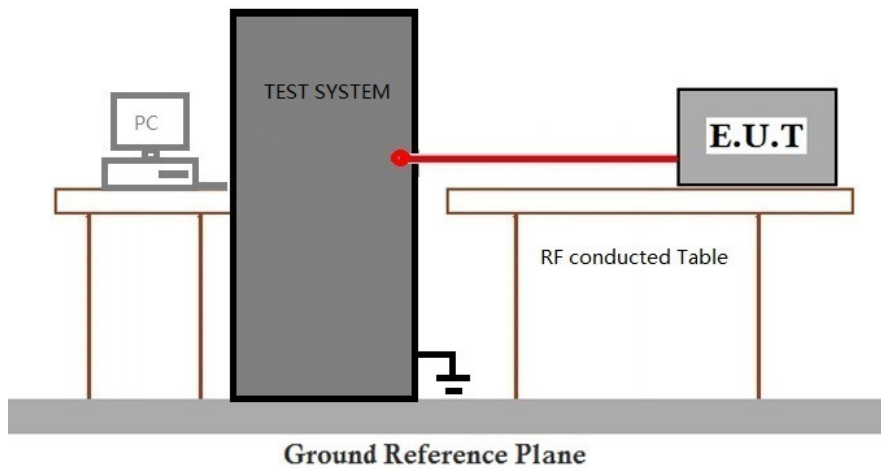
Humidity: 41.0 % RH

Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.7 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II F

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 23.0 °C

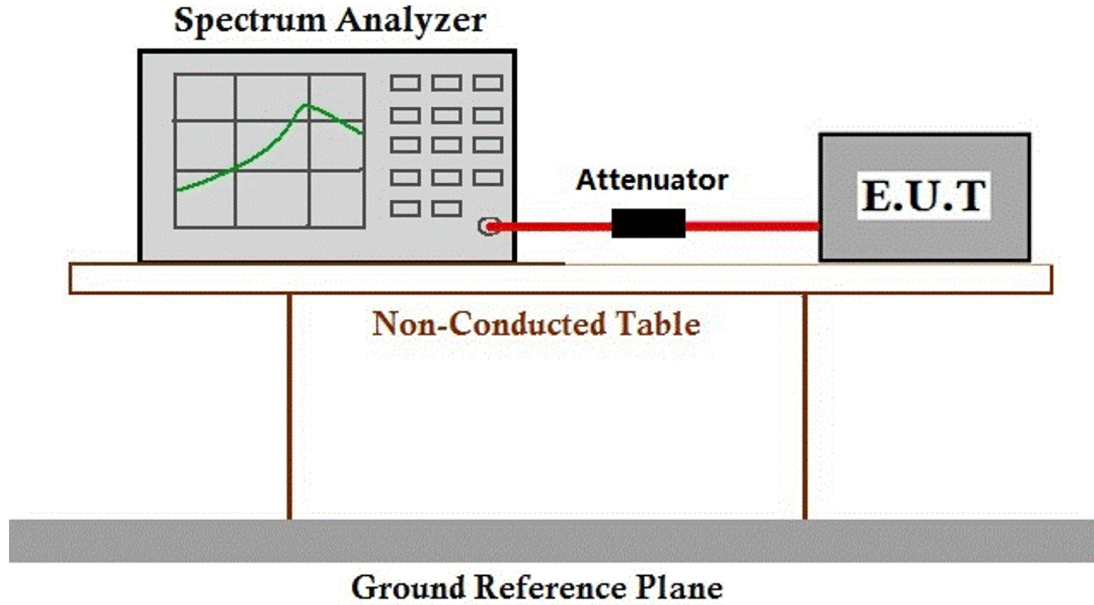
Humidity: 41.0 % RH

Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.8 Radiated Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.209 & E 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

*(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.

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 52.9 % RH

Atmospheric Pressure: 1010 mbar



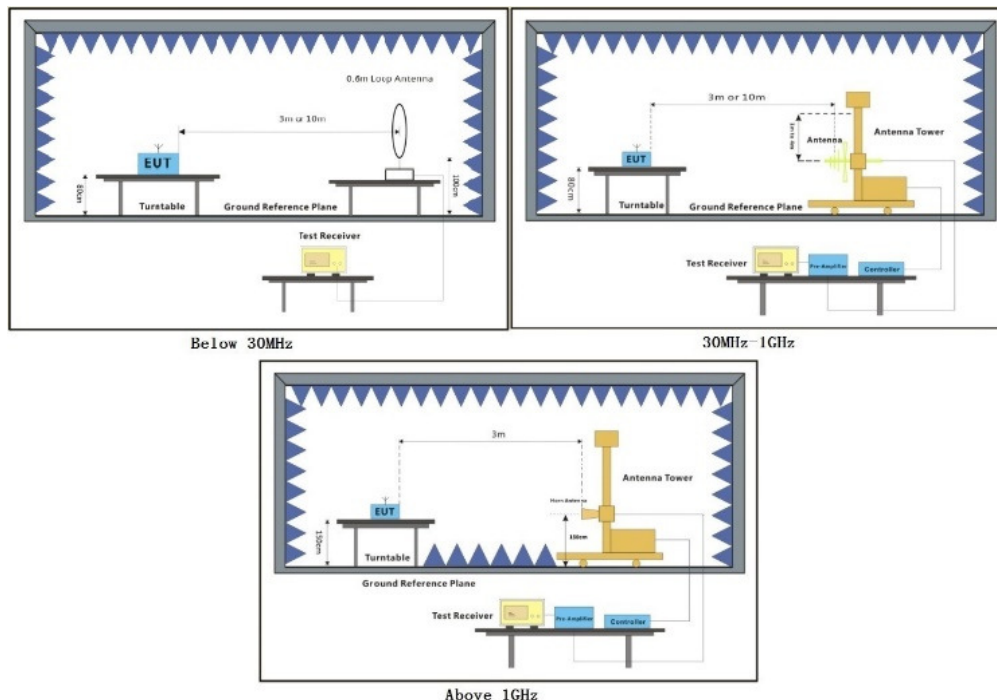
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7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.
Pre-scan	07	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 @ 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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 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 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.

Remark1:

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 40GHz, the disturbance above 18GHz and 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.
4. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, 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. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Remark2:

1. The disturbance below 30MHz and above 18GHz was very low, and the below harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
2. Pretest the EUT at antenna 1 and antenna 2 and MIMO mode find the worst case is MIMO mode.
3. Pretest the EUT in 802.11a/ n(20)/ n(40)/ ac (20)/ ac (40)/ ac(80) / ax (20)/ ax (40)/ ax(80) find the worst case are 802.11a /n(40)/ ac(80), only record the worst case test data 802.11a in this report.
4. For the emission 30MHz to 1Ghz, lowest, middle, highest channel test performed at band U-NII-3, find the worst case is band U-NII-3 802.11a mode lowest channel, only record the worst case.



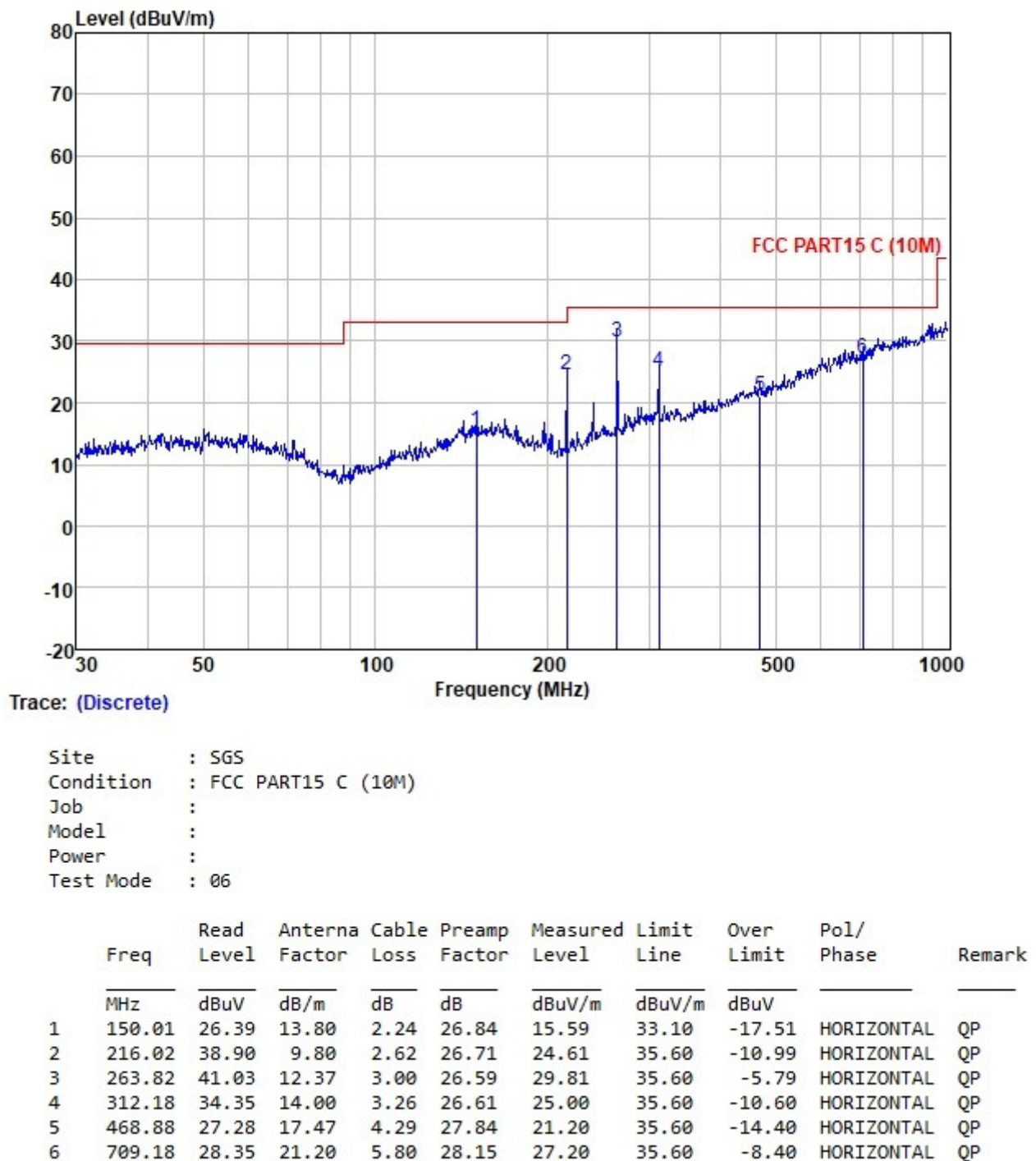
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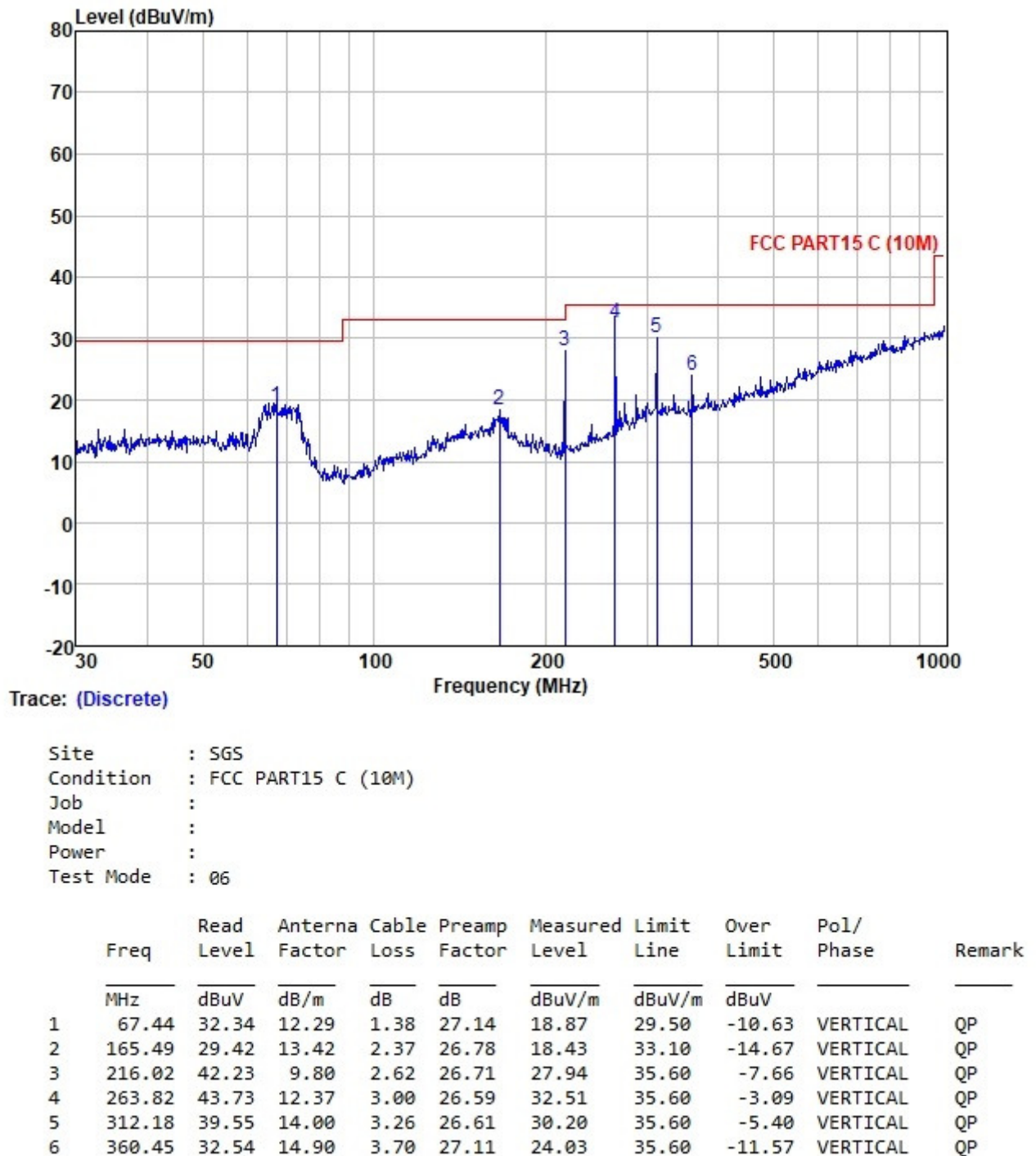
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Test Mode: 06; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: Low



Test Mode: 06; Polarity: Vertical; Modulation: 802.11a; Bandwidth: 20MHz; Channel: Low



The test was performed at a 10m test site. According to below formulate and the test data at 10m test distance,

$$L_3 / L_{10} = D_{10} / D_3$$

Note:

L₃: Level @ 3m distance. Unit: uV/m;

L₁₀: Level @ 10m distance. Unit: uV/m;

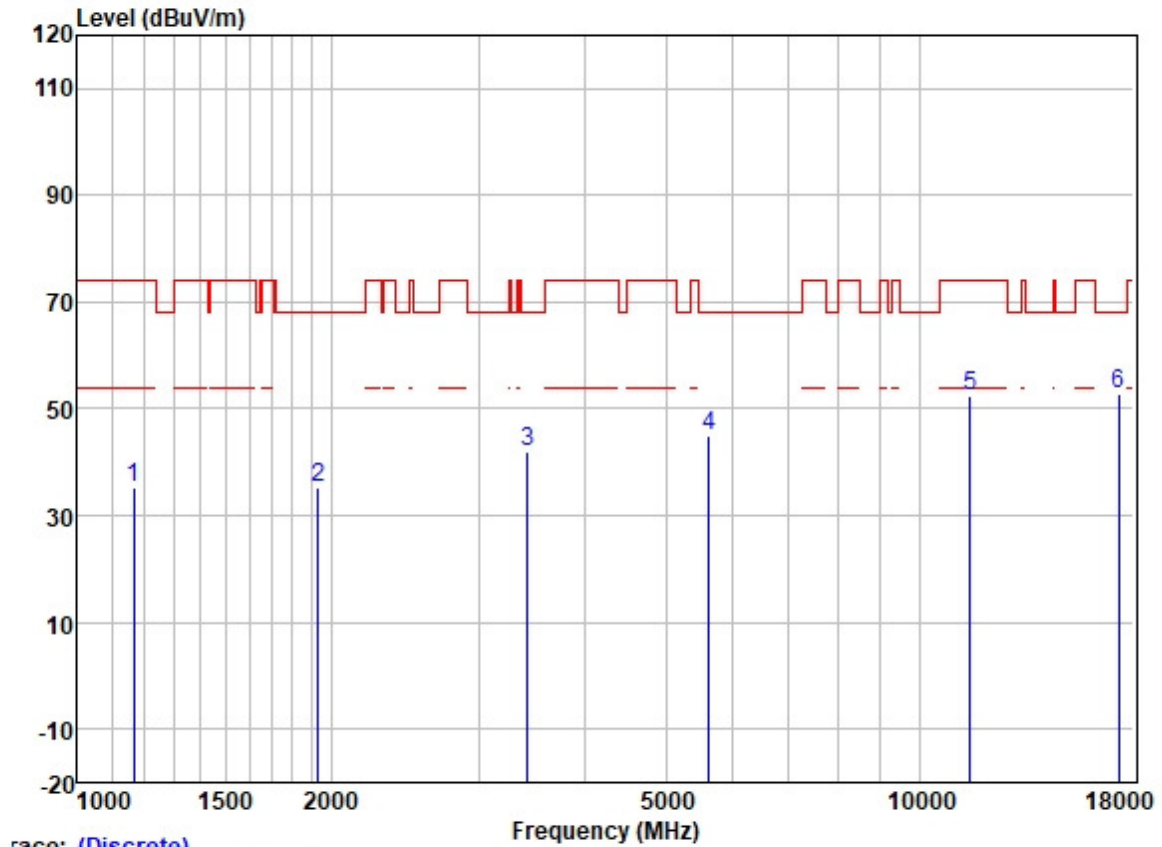
D₃: 3m distance. Unit: m

D₁₀: 10m distance. Unit: m

The level at 3m test distance is below:

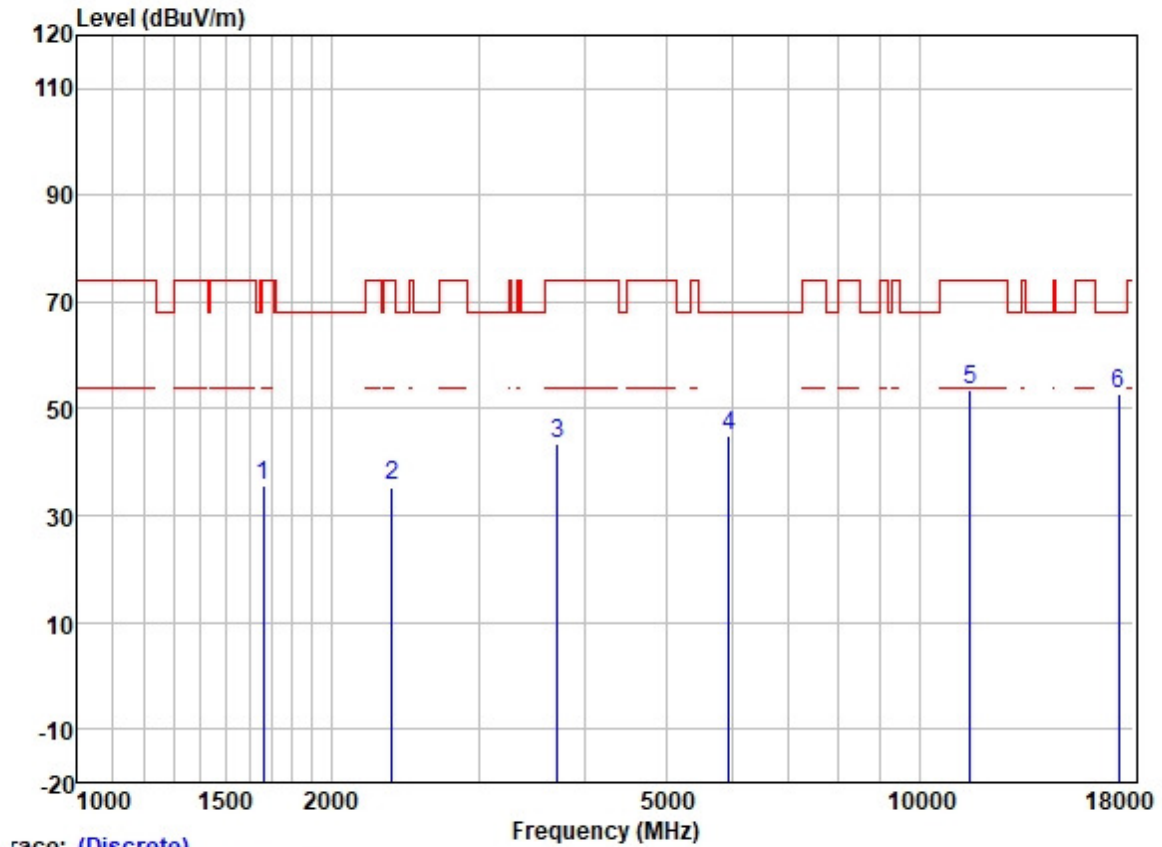
Frequency (MHz)	Level @ 10m (dBuV/m)	Level @ 10m (uV/m)	Level @ 3m (uV/m)	Level @ 3m (dBuV/m)	Limit @ 3m (dBuV/m)	Margin (dB)	Ant. Polarization
67.44	18.87	8.78	29.27	29.33	40.00	-10.67	V
165.49	18.43	8.35	27.82	28.89	43.50	-14.61	V
216.02	27.94	24.95	83.15	38.40	46.00	-7.60	V
263.82	32.51	42.22	140.73	42.97	46.00	-3.03	V
312.18	30.20	32.36	107.86	40.66	46.00	-5.34	V
360.45	24.03	15.90	53.01	34.49	46.00	-11.51	V
150.01	15.59	6.02	20.06	26.05	43.50	-17.45	H
216.02	24.61	17.00	56.67	35.07	46.00	-10.93	H
263.82	29.81	30.94	103.13	40.27	46.00	-5.73	H
312.18	25.00	17.78	59.28	35.46	46.00	-10.54	H
468.88	21.20	11.48	38.27	31.66	46.00	-14.34	H
709.18	27.20	22.91	76.36	37.66	46.00	-8.34	H

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



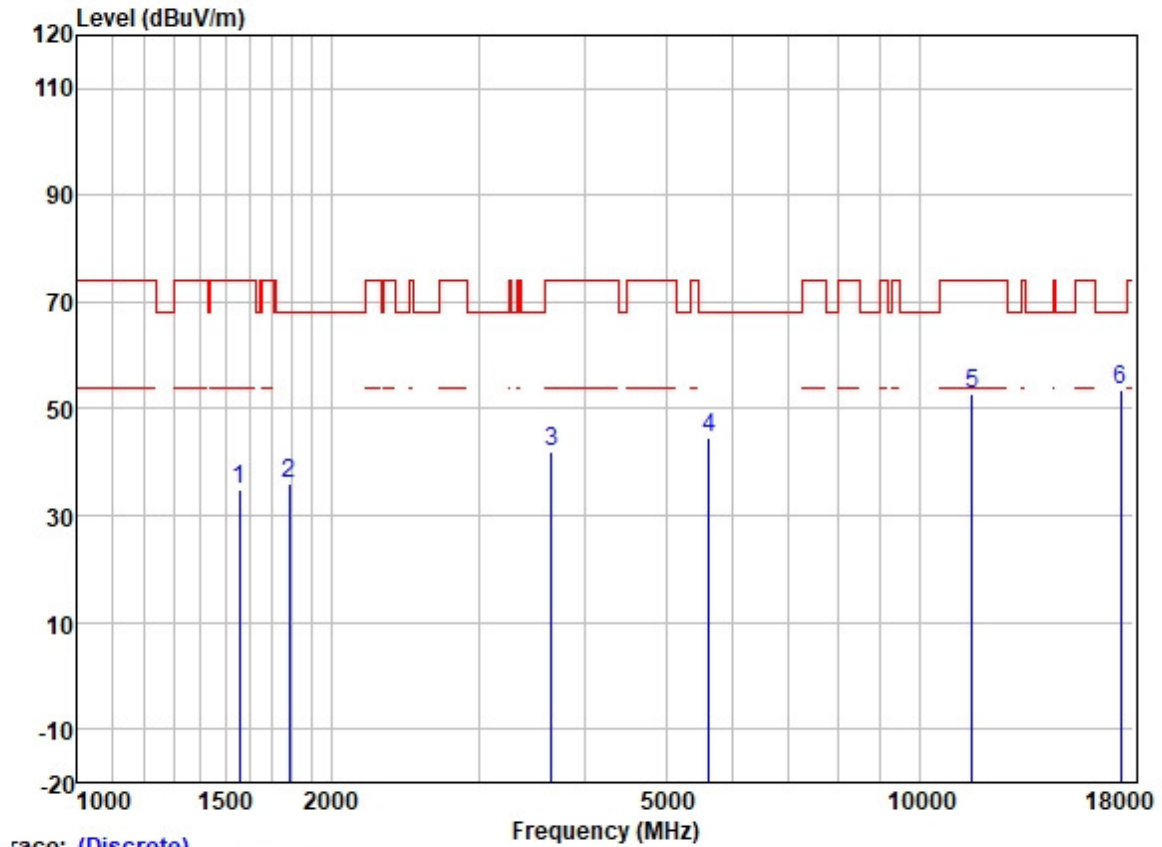
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	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1167.073	46.75	24.54	2.39	38.40	35.28	74.00	-38.72	HORIZONTAL	Peak
2	1930.827	44.09	26.06	2.96	37.74	35.37	68.20	-32.83	HORIZONTAL	Peak
3	3421.011	45.83	28.86	4.15	36.97	41.87	68.20	-26.33	HORIZONTAL	Peak
4	5626.395	43.72	31.93	6.33	36.89	45.09	68.20	-23.11	HORIZONTAL	Peak
5	11490.000	41.45	39.90	8.41	37.15	52.61	74.00	-21.39	HORIZONTAL	Peak
6	17235.000	35.00	43.01	10.08	35.33	52.76	68.20	-15.44	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



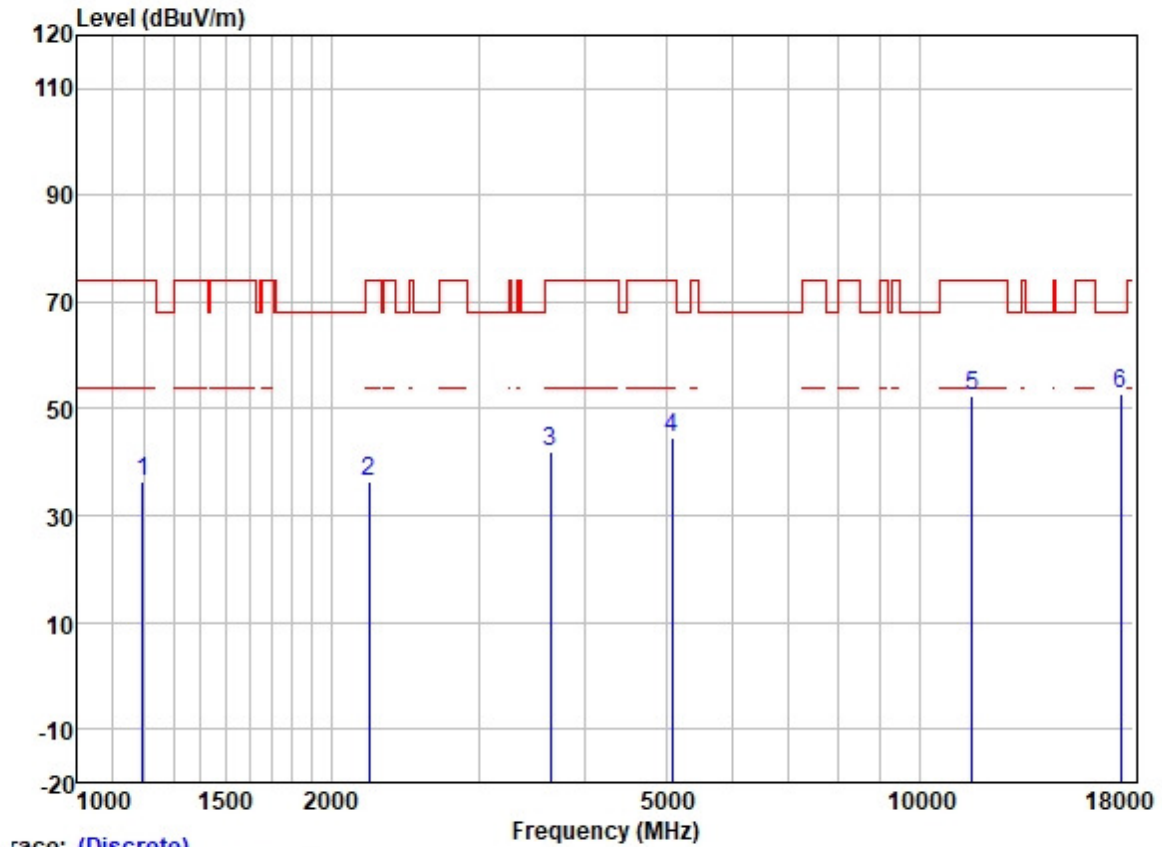
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	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1662.602	45.23	25.65	2.80	37.91	35.77	74.00	-38.23	VERTICAL	Peak
2	2362.406	42.36	27.27	3.42	37.61	35.44	74.00	-38.56	VERTICAL	Peak
3	3719.083	46.40	29.28	4.56	36.87	43.37	74.00	-30.63	VERTICAL	Peak
4	5945.652	43.35	32.36	6.05	36.90	44.86	68.20	-23.34	VERTICAL	Peak
5	11490.000	42.37	39.90	8.41	37.15	53.53	74.00	-20.47	VERTICAL	Peak
6	17235.000	35.14	43.01	10.08	35.33	52.90	68.20	-15.30	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



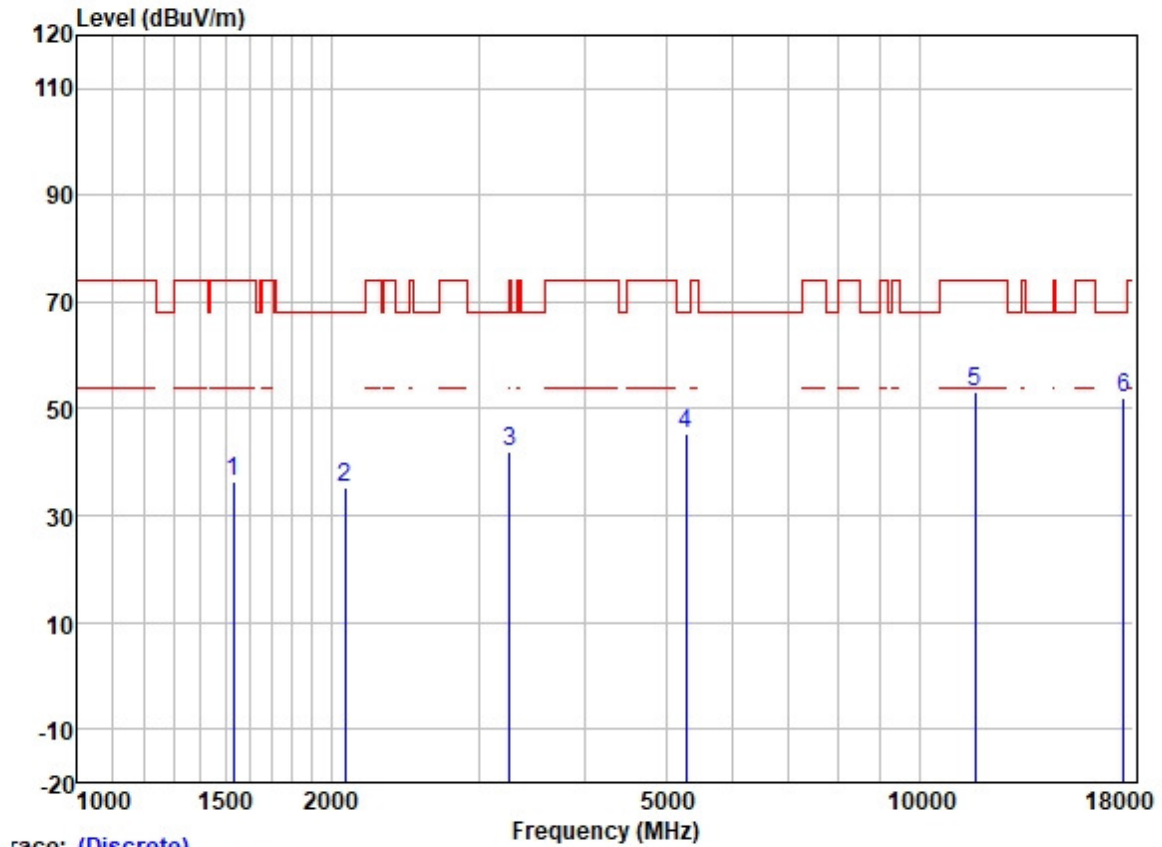
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MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1556.058	44.72	25.54	2.80	38.03	35.03	74.00	-38.97	HORIZONTAL Peak
2	1783.175	44.83	25.92	2.97	37.83	35.89	68.20	-32.31	HORIZONTAL Peak
3	3655.022	45.21	29.13	4.52	36.89	41.97	74.00	-32.03	HORIZONTAL Peak
4	5626.386	43.29	31.93	6.33	36.89	44.66	68.20	-23.54	HORIZONTAL Peak
5	11570.000	41.93	39.78	8.38	37.14	52.95	74.00	-21.05	HORIZONTAL Peak
6	17355.000	35.08	43.40	10.39	35.32	53.55	68.20	-14.65	HORIZONTAL Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



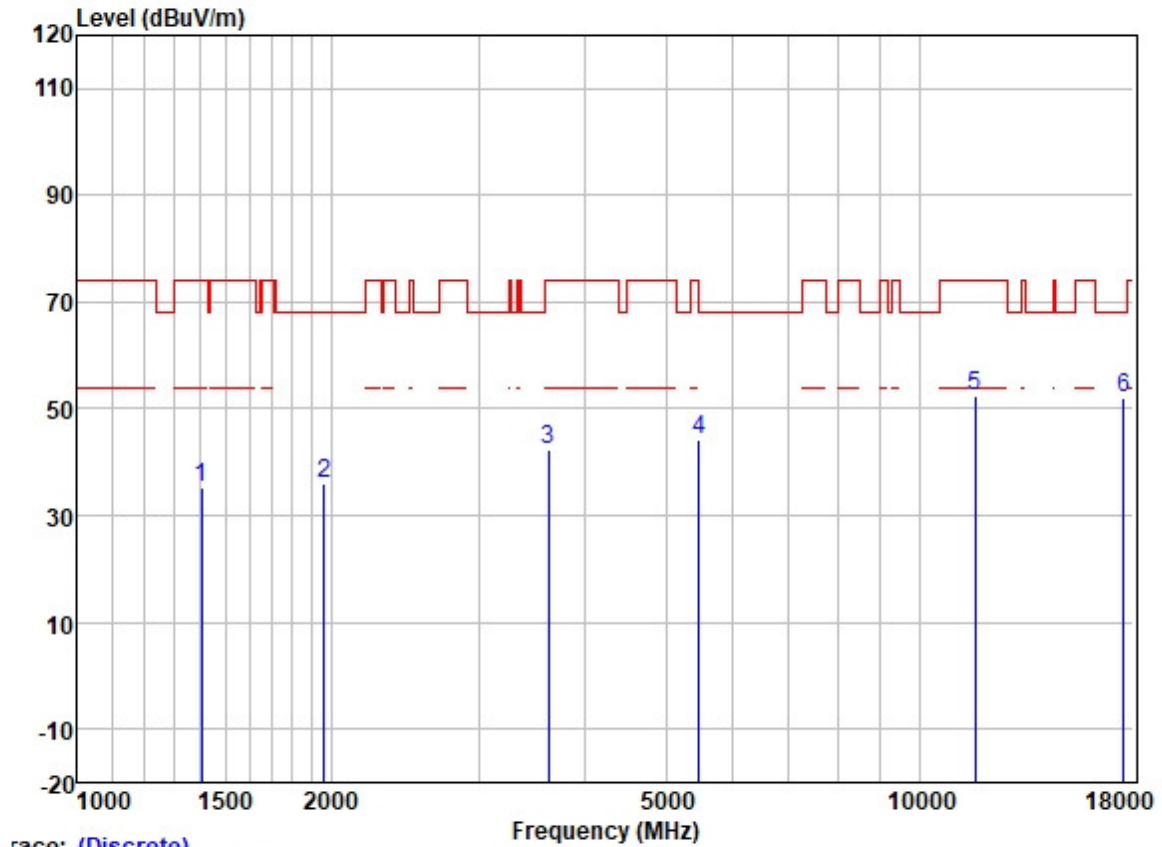
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	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1195.190	47.58	24.67	2.35	38.39	36.21	74.00	-37.79	VERTICAL	Peak
2	2222.987	44.15	26.72	3.22	37.64	36.45	74.00	-37.55	VERTICAL	Peak
3	3641.904	45.16	29.11	4.52	36.89	41.90	74.00	-32.10	VERTICAL	Peak
4	5091.631	44.14	31.71	5.66	36.86	44.65	74.00	-29.35	VERTICAL	Peak
5	11570.000	41.50	39.78	8.38	37.14	52.52	74.00	-21.48	VERTICAL	Peak
6	17355.000	34.44	43.40	10.39	35.32	52.91	68.20	-15.29	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



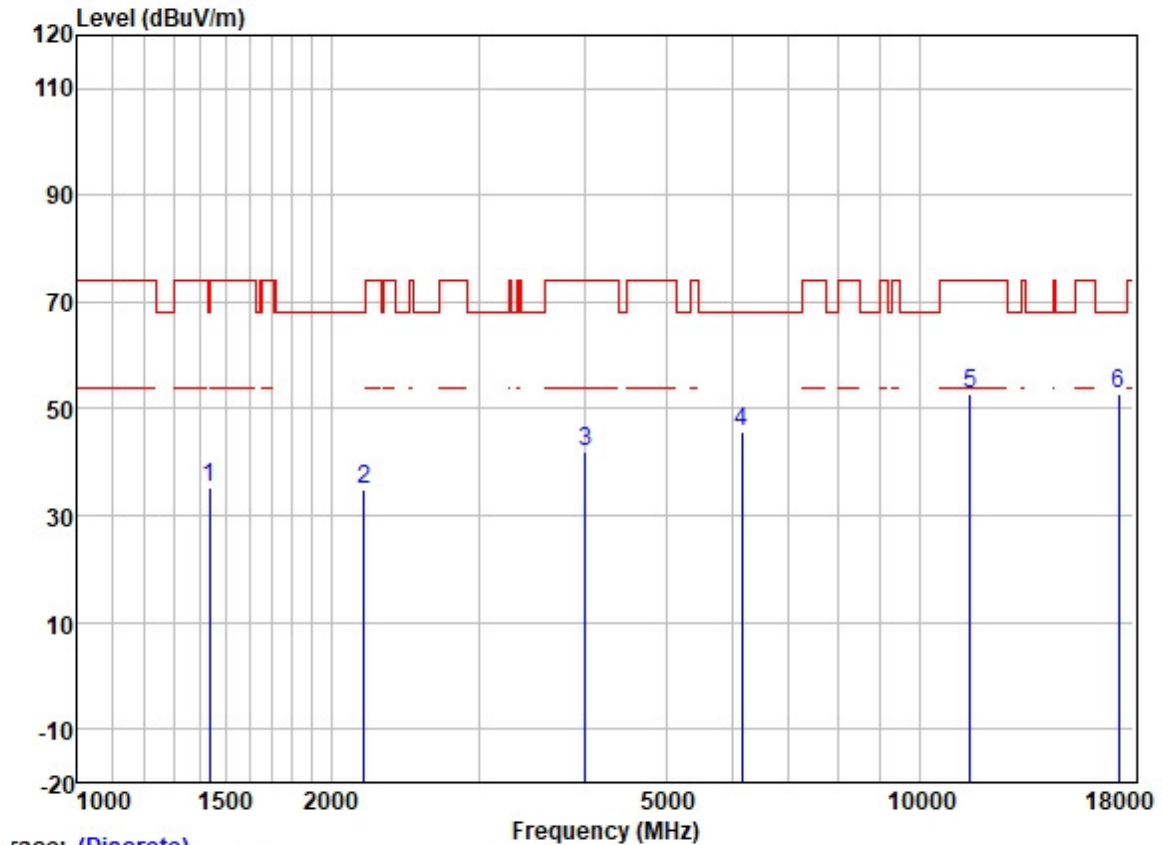
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1	1533.471	45.95	25.52	2.80	38.07	36.20	74.00	-37.80	HORIZONTAL	Peak
2	2077.039	43.70	26.24	3.14	37.68	35.40	68.20	-32.80	HORIZONTAL	Peak
3	3259.755	46.14	28.70	4.03	37.06	41.81	68.20	-26.39	HORIZONTAL	Peak
4	5279.023	44.29	31.76	6.00	36.87	45.18	68.20	-23.02	HORIZONTAL	Peak
5	11650.000	42.27	39.65	8.35	37.13	53.14	74.00	-20.86	HORIZONTAL	Peak
6	17475.000	32.77	43.90	10.77	35.32	52.12	68.20	-16.08	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



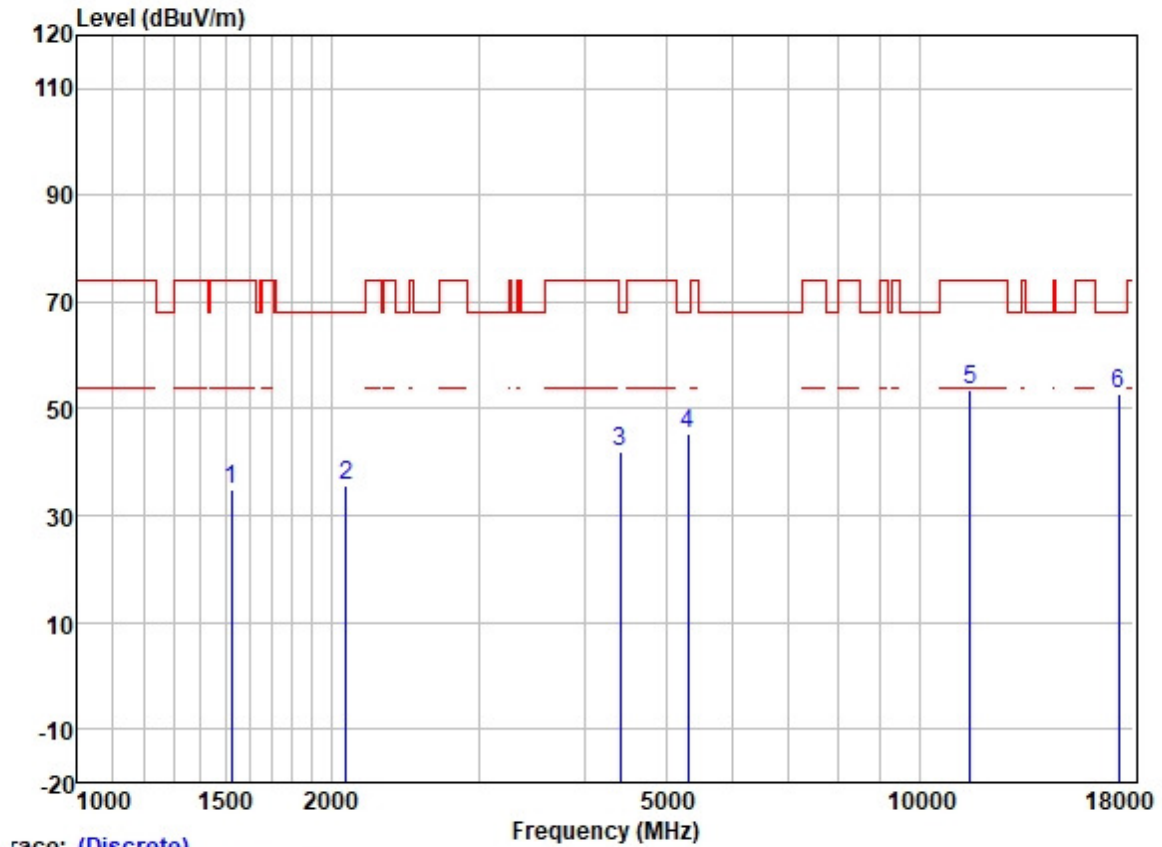
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	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1404.774	45.45	25.40	2.61	38.22	35.24	74.00	-38.76	VERTICAL	Peak
2	1965.307	44.76	26.08	3.04	37.71	36.17	68.20	-32.03	VERTICAL	Peak
3	3628.269	45.61	29.09	4.51	36.90	42.31	74.00	-31.69	VERTICAL	Peak
4	5477.873	43.10	31.80	6.31	36.88	44.33	68.20	-23.87	VERTICAL	Peak
5	11650.000	41.58	39.65	8.35	37.13	52.45	74.00	-21.55	VERTICAL	Peak
6	17475.000	32.83	43.90	10.77	35.32	52.18	68.20	-16.02	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: Low



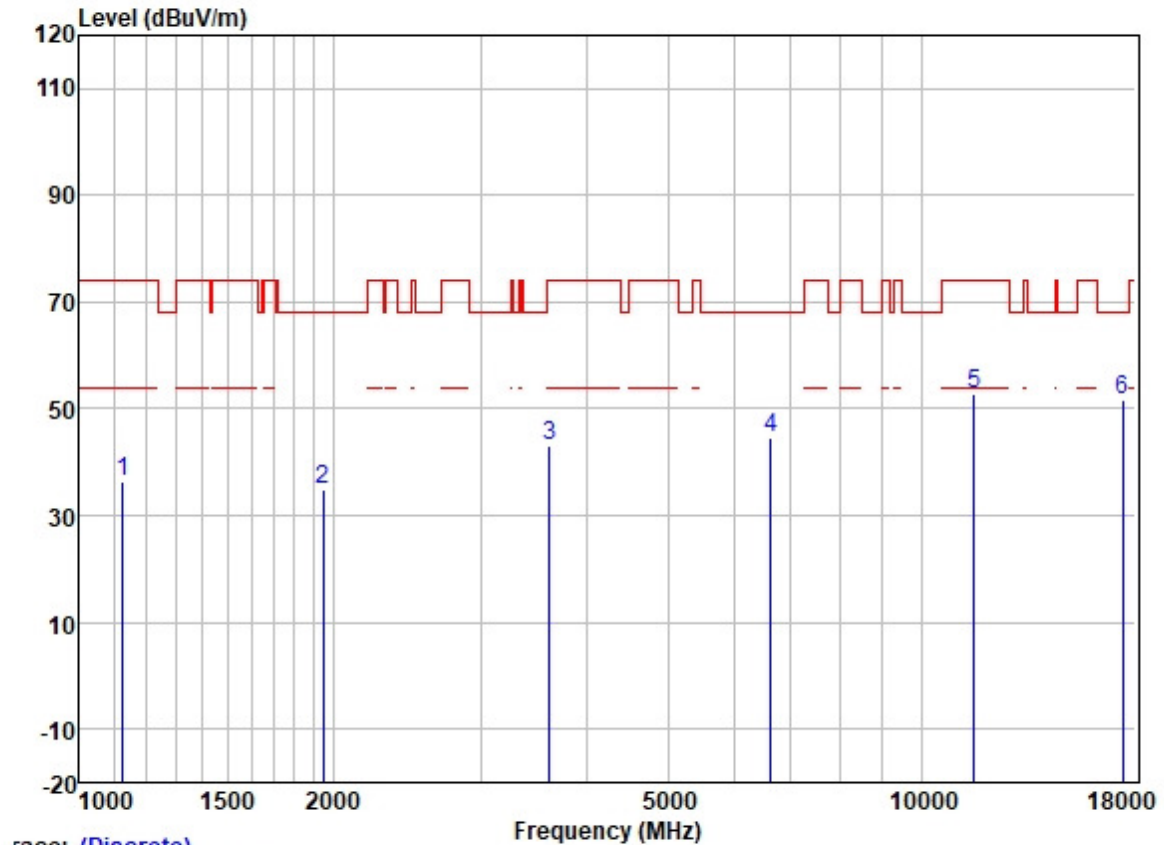
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	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1436.711	45.28	25.44	2.67	38.20	35.19	74.00	-38.81	HORIZONTAL	Peak
2	2192.802	42.85	26.59	3.20	37.65	34.99	68.20	-33.21	HORIZONTAL	Peak
3	4012.303	44.22	29.82	4.60	36.80	41.84	74.00	-32.16	HORIZONTAL	Peak
4	6156.614	43.74	32.83	6.10	36.93	45.74	68.20	-22.46	HORIZONTAL	Peak
5	11490.000	41.60	39.90	8.41	37.15	52.76	74.00	-21.24	HORIZONTAL	Peak
6	17235.000	35.19	43.01	10.08	35.33	52.95	68.20	-15.25	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



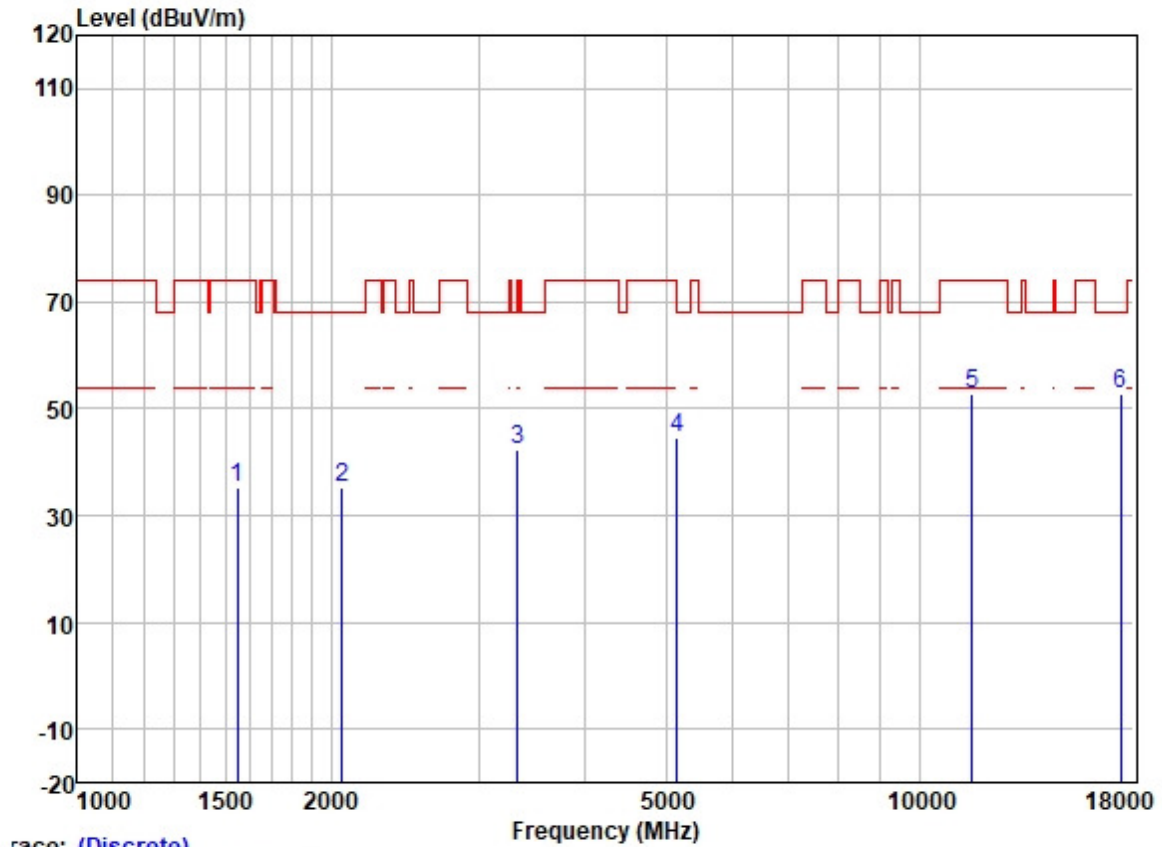
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	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1522.082	44.80	25.51	2.80	38.07	35.04	74.00	-38.96	VERTICAL Peak
2	2083.400	43.95	26.25	3.14	37.68	35.66	68.20	-32.54	VERTICAL Peak
3	4408.573	43.35	30.68	4.70	36.81	41.92	68.20	-26.28	VERTICAL Peak
4	5310.088	44.34	31.77	6.08	36.87	45.32	68.20	-22.88	VERTICAL Peak
5	11490.000	42.54	39.90	8.41	37.15	53.70	74.00	-20.30	VERTICAL Peak
6	17235.000	35.12	43.01	10.08	35.33	52.88	68.20	-15.32	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: middle



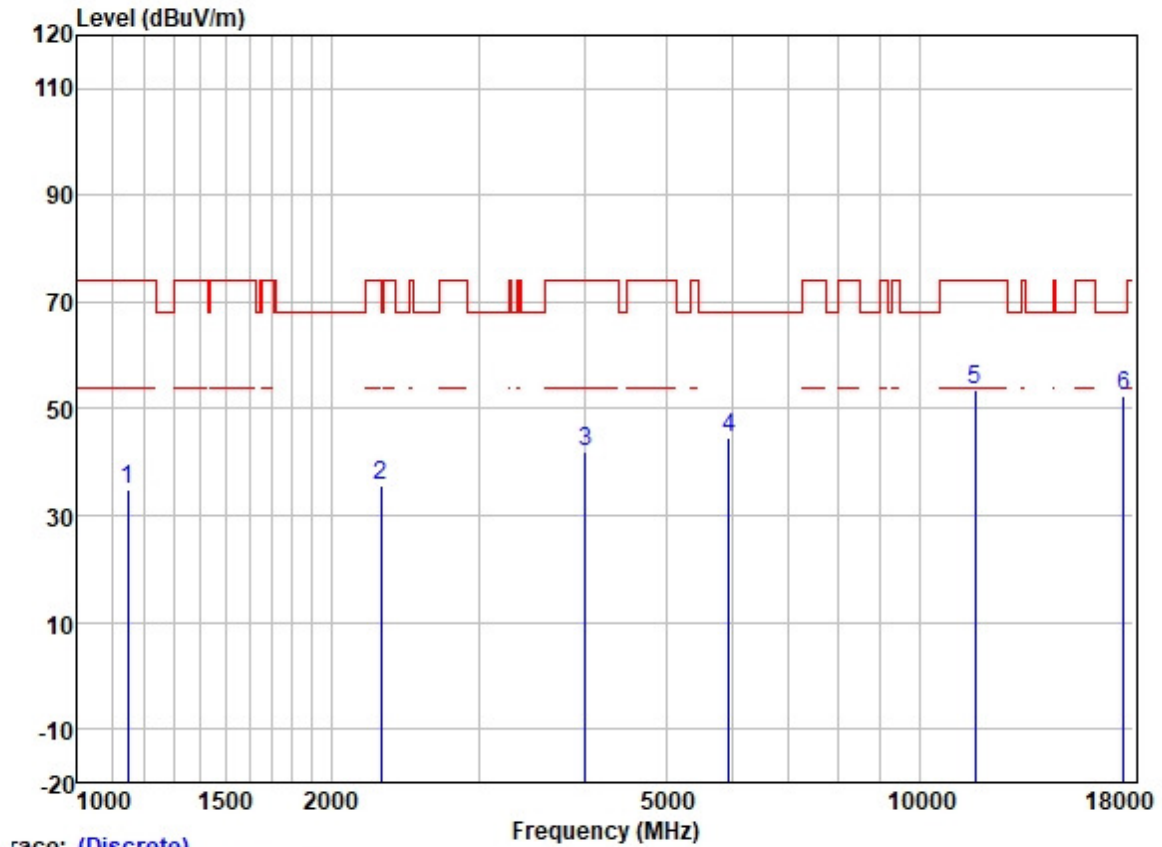
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	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1127.113	48.11	24.42	2.21	38.43	36.31	74.00	-37.69	HORIZONTAL	Peak
2	1947.554	43.68	26.07	3.00	37.73	35.02	68.20	-33.18	HORIZONTAL	Peak
3	3614.696	46.56	29.07	4.51	36.90	43.24	74.00	-30.76	HORIZONTAL	Peak
4	6621.649	41.74	34.20	5.83	37.05	44.72	68.20	-23.48	HORIZONTAL	Peak
5	11570.000	41.65	39.78	8.38	37.14	52.67	74.00	-21.33	HORIZONTAL	Peak
6	17355.000	33.15	43.40	10.39	35.32	51.62	68.20	-16.58	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 20MHz; Channel: middle



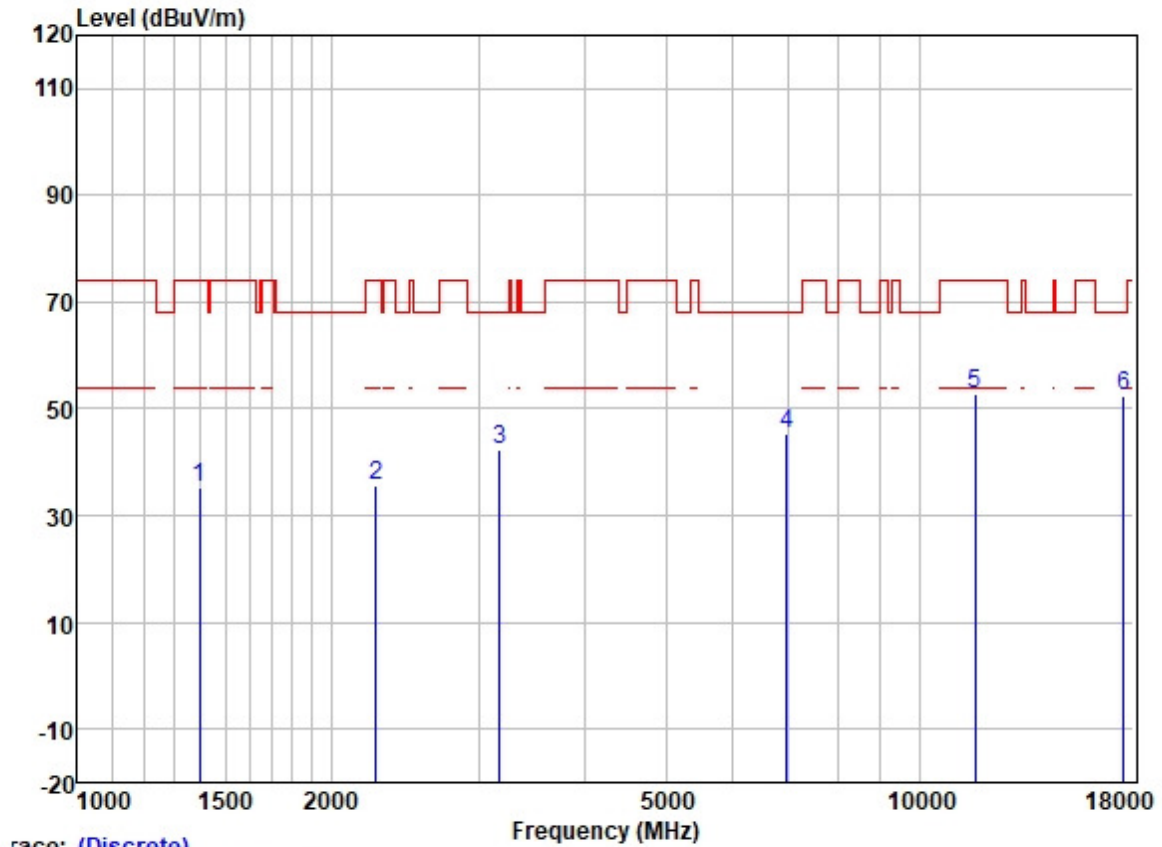
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MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1549.588	44.89	25.54	2.80	38.03	35.20	74.00	-38.80	VERTICAL Peak
2	2060.912	43.61	26.20	3.13	37.69	35.25	68.20	-32.95	VERTICAL Peak
3	3331.169	46.53	28.78	4.07	37.02	42.36	68.20	-25.84	VERTICAL Peak
4	5162.036	44.18	31.73	5.61	36.86	44.66	68.20	-23.54	VERTICAL Peak
5	11570.000	41.86	39.78	8.38	37.14	52.88	74.00	-21.12	VERTICAL Peak
6	17355.000	34.42	43.40	10.39	35.32	52.89	68.20	-15.31	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



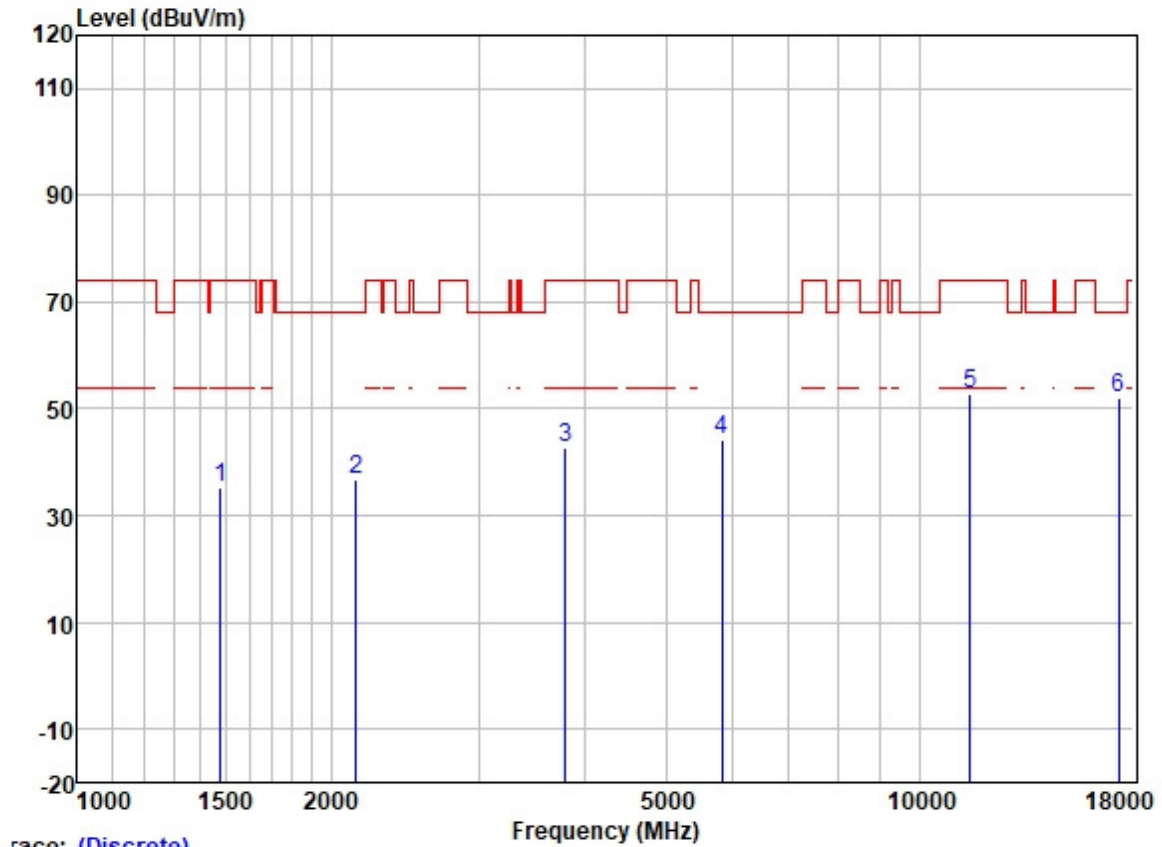
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1148.869	46.48	24.49	2.34	38.42	34.89	74.00	-39.11	HORIZONTAL	Peak
2	2294.931	42.82	27.08	3.30	37.62	35.58	74.00	-38.42	HORIZONTAL	Peak
3	4007.153	44.30	29.80	4.60	36.80	41.90	74.00	-32.10	HORIZONTAL	Peak
4	5948.566	43.21	32.36	6.05	36.90	44.72	68.20	-23.48	HORIZONTAL	Peak
5	11650.000	42.78	39.65	8.35	37.13	53.65	74.00	-20.35	HORIZONTAL	Peak
6	17475.000	33.09	43.90	10.77	35.32	52.44	68.20	-15.76	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



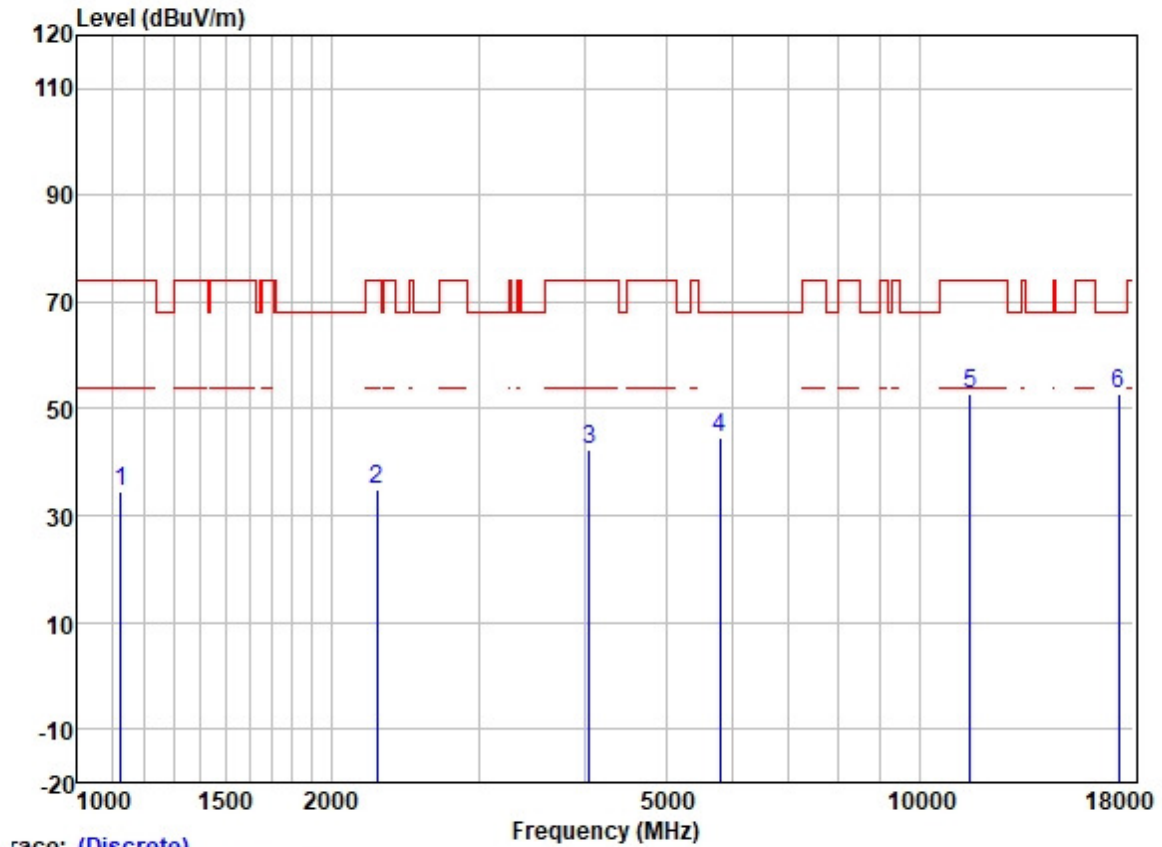
	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1396.893	45.42	25.39	2.60	38.22	35.19	74.00	-38.81	VERTICAL Peak
2	2262.050	42.91	26.95	3.27	37.64	35.49	74.00	-38.51	VERTICAL Peak
3	3176.853	46.89	28.56	3.99	37.10	42.34	68.20	-25.86	VERTICAL Peak
4	6959.198	41.70	34.95	5.81	37.21	45.25	68.20	-22.95	VERTICAL Peak
5	11650.000	41.94	39.65	8.35	37.13	52.81	74.00	-21.19	VERTICAL Peak
6	17475.000	32.97	43.90	10.77	35.32	52.32	68.20	-15.88	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



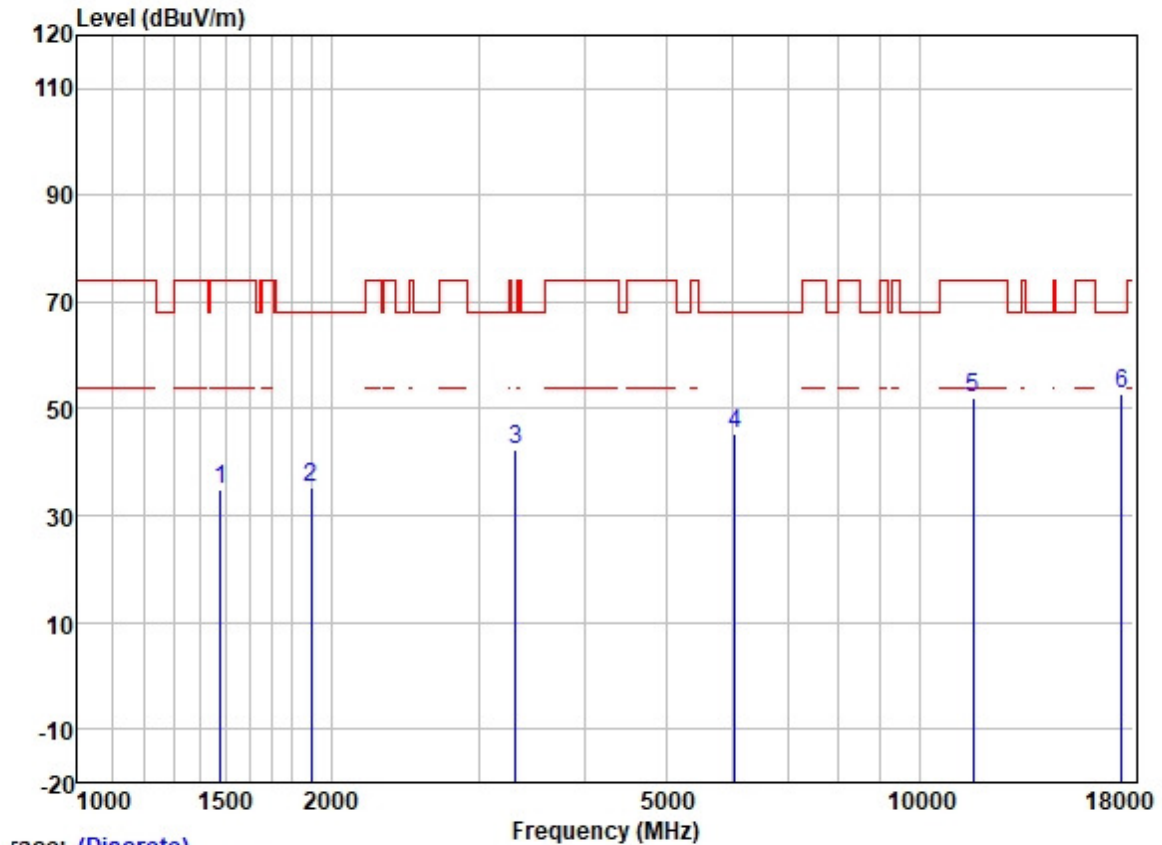
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1479.564	45.25	25.48	2.77	38.13	35.37	74.00	-38.63	HORIZONTAL	Peak
2	2144.895	44.83	26.41	3.18	37.66	36.76	68.20	-31.44	HORIZONTAL	Peak
3	3796.124	45.60	29.52	4.60	36.85	42.87	74.00	-31.13	HORIZONTAL	Peak
4	5824.313	42.87	32.23	6.04	36.90	44.24	68.20	-23.96	HORIZONTAL	Peak
5	11510.000	41.69	39.90	8.41	37.15	52.85	74.00	-21.15	HORIZONTAL	Peak
6	17265.000	33.94	43.21	10.24	35.33	52.06	68.20	-16.14	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 40MHz; Channel: Low



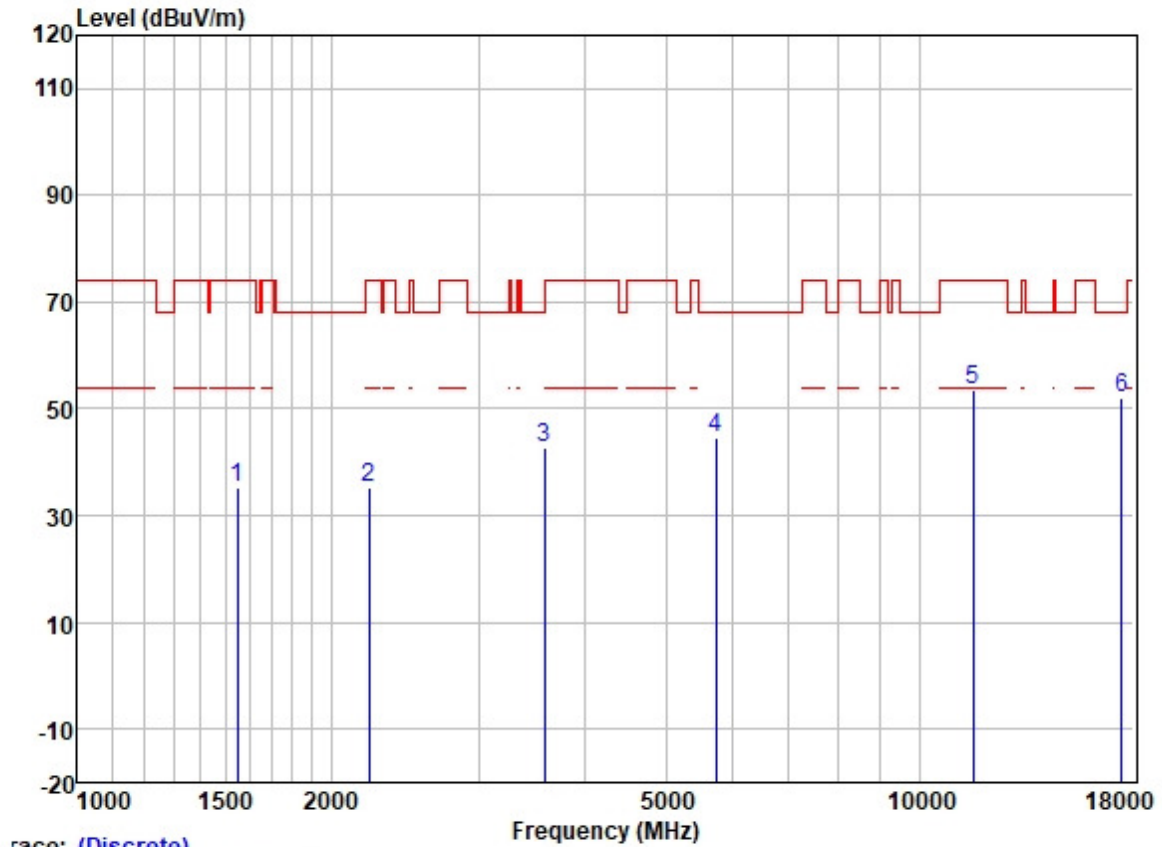
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1124.353	46.47	24.42	2.21	38.43	34.67	74.00	-39.33	VERTICAL Peak
2	2270.157	42.38	27.01	3.28	37.63	35.04	74.00	-38.96	VERTICAL Peak
3	4056.635	44.73	29.87	4.60	36.80	42.40	74.00	-31.60	VERTICAL Peak
4	5799.240	43.18	32.19	6.10	36.89	44.58	68.20	-23.62	VERTICAL Peak
5	11510.000	41.50	39.90	8.41	37.15	52.66	74.00	-21.34	VERTICAL Peak
6	17265.000	34.79	43.21	10.24	35.33	52.91	68.20	-15.29	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



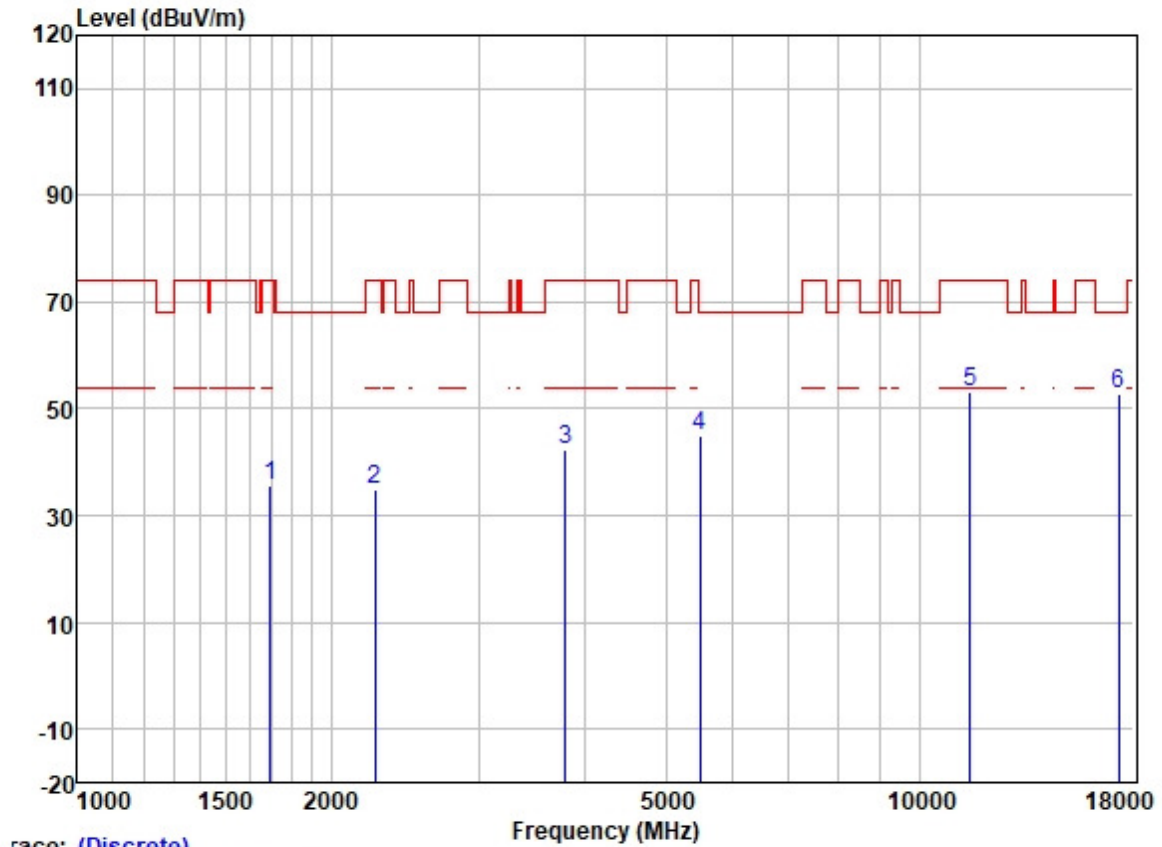
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1479.919	44.81	25.48	2.77	38.13	34.93	74.00	-39.07	HORIZONTAL	Peak
2	1893.324	43.91	26.04	2.90	37.75	35.10	68.20	-33.10	HORIZONTAL	Peak
3	3318.090	46.43	28.77	4.07	37.02	42.25	68.20	-25.95	HORIZONTAL	Peak
4	6046.497	43.71	32.52	6.17	36.91	45.49	68.20	-22.71	HORIZONTAL	Peak
5	11590.000	40.96	39.72	8.37	37.14	51.91	74.00	-22.09	HORIZONTAL	Peak
6	17385.000	34.07	43.57	10.53	35.32	52.85	68.20	-15.35	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



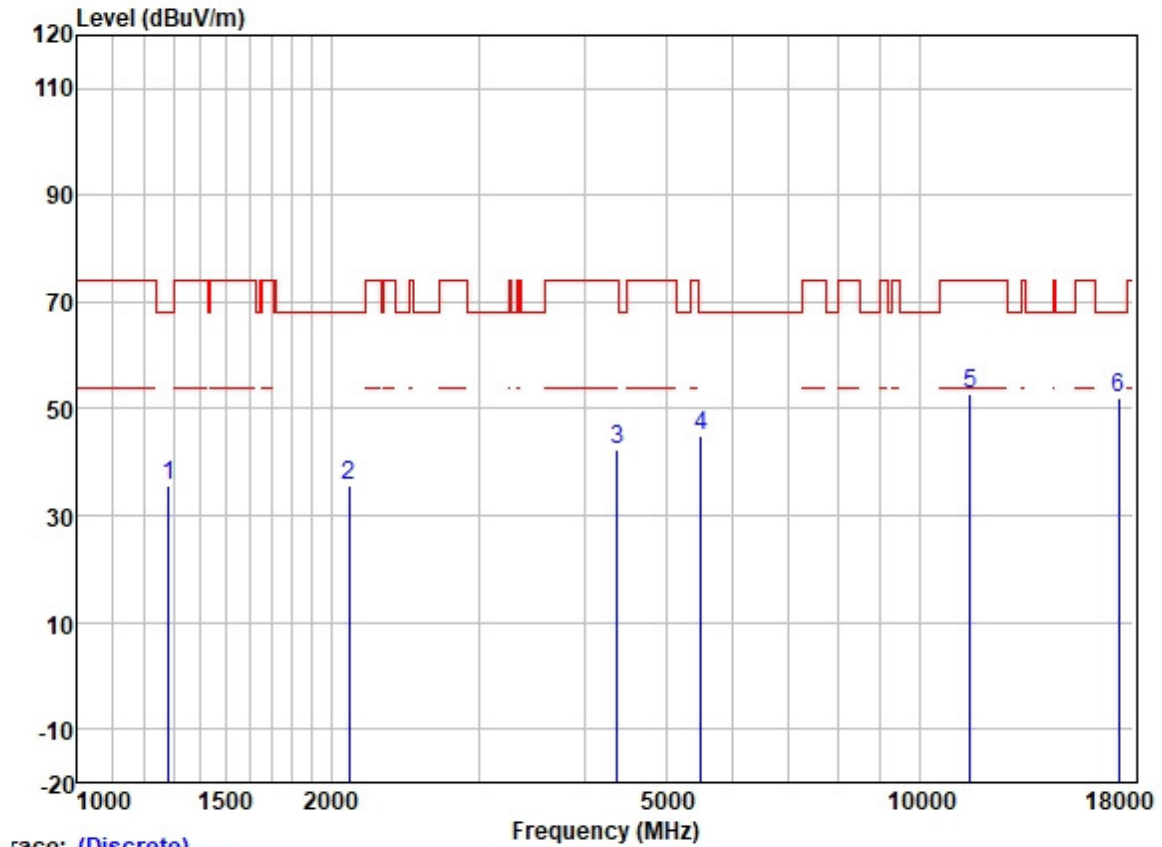
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
		Level	Factor	Loss	Factor	Level	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1550.034	44.90	25.54	2.80	38.03	35.21	74.00	-38.79	VERTICAL Peak
2	2222.870	42.79	26.72	3.22	37.64	35.09	74.00	-38.91	VERTICAL Peak
3	3587.131	46.07	29.02	4.49	36.92	42.66	68.20	-25.54	VERTICAL Peak
4	5727.981	43.12	32.07	6.25	36.89	44.55	68.20	-23.65	VERTICAL Peak
5	11590.000	42.45	39.72	8.37	37.14	53.40	74.00	-20.60	VERTICAL Peak
6	17385.000	33.37	43.57	10.53	35.32	52.15	68.20	-16.05	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: Low



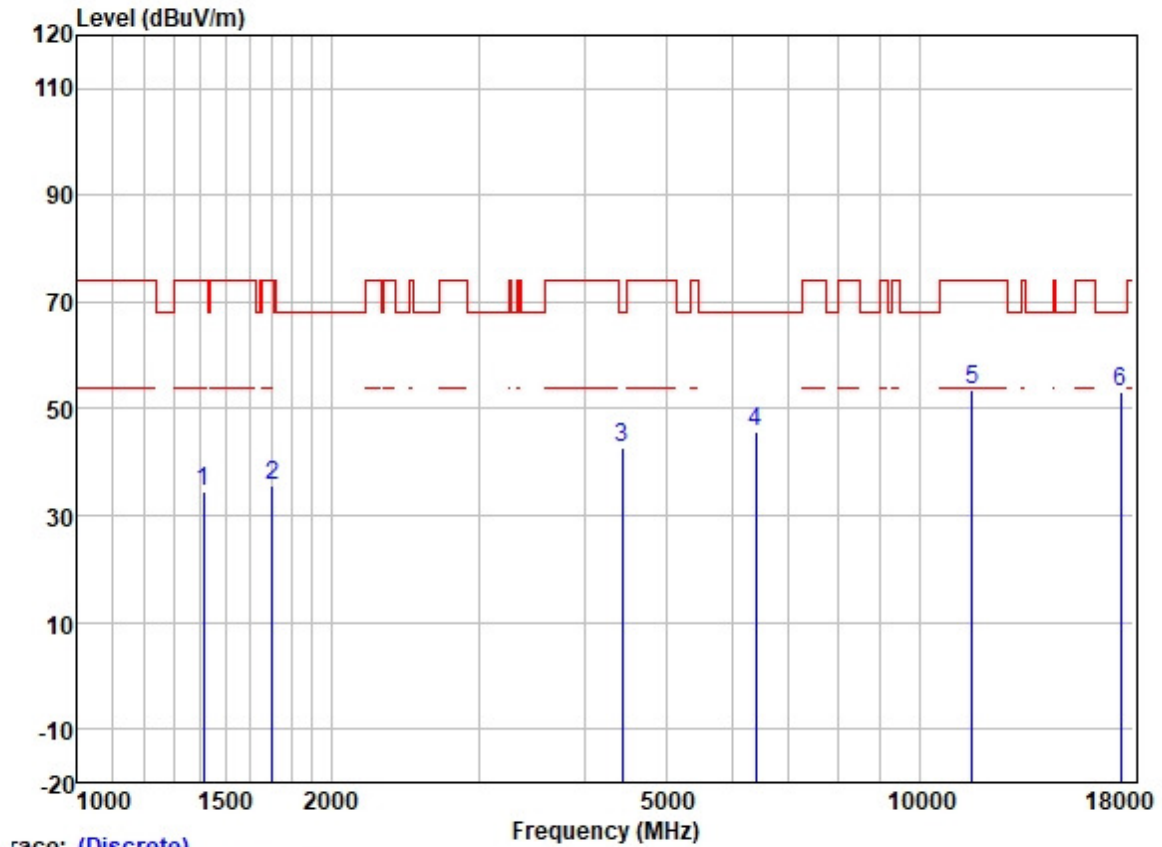
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1696.988	45.14	25.71	2.80	37.89	35.76	74.00	-38.24	HORIZONTAL	Peak
2	2259.222	42.40	26.95	3.27	37.64	34.98	74.00	-39.02	HORIZONTAL	Peak
3	3795.393	45.12	29.50	4.60	36.85	42.37	74.00	-31.63	HORIZONTAL	Peak
4	5491.152	43.81	31.80	6.36	36.88	45.09	68.20	-23.11	HORIZONTAL	Peak
5	11490.000	41.83	39.90	8.41	37.15	52.99	74.00	-21.01	HORIZONTAL	Peak
6	17235.000	35.18	43.01	10.08	35.33	52.94	68.20	-15.26	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: Low



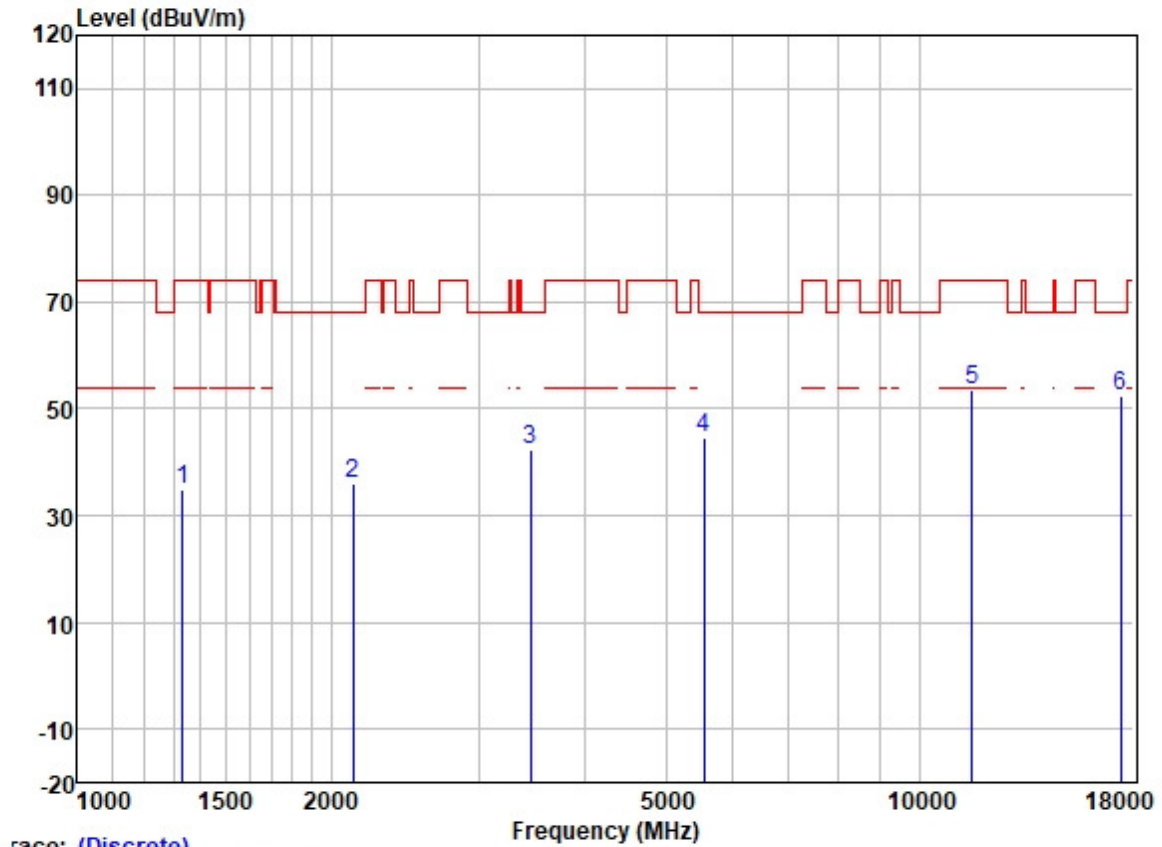
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1282.389	46.38	25.15	2.52	38.33	35.72	68.20	-32.48	VERTICAL	Peak
2	2103.596	44.00	26.30	3.15	37.68	35.77	68.20	-32.43	VERTICAL	Peak
3	4374.910	43.88	30.64	4.69	36.81	42.40	74.00	-31.60	VERTICAL	Peak
4	5508.118	43.62	31.80	6.40	36.88	44.94	68.20	-23.26	VERTICAL	Peak
5	11490.000	41.47	39.90	8.41	37.15	52.63	74.00	-21.37	VERTICAL	Peak
6	17235.000	34.30	43.01	10.08	35.33	52.06	68.20	-16.14	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: middle



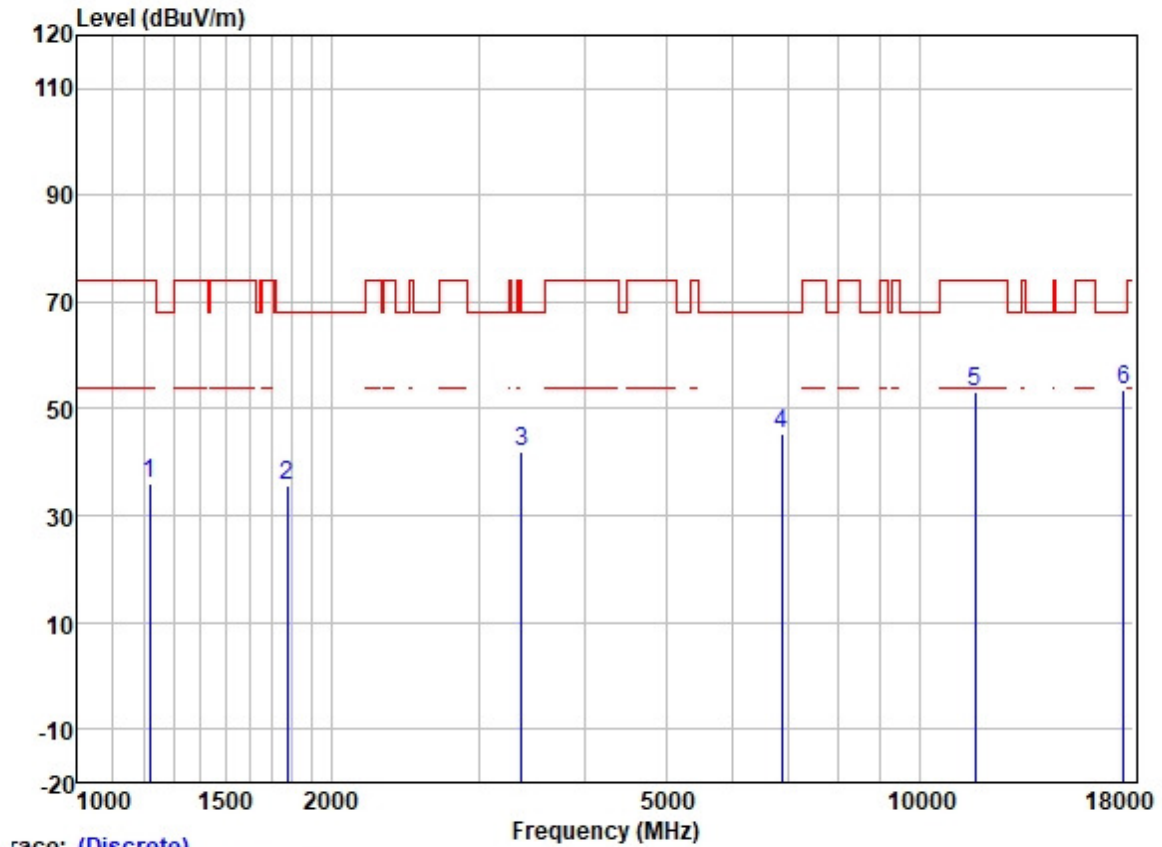
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1413.061	44.78	25.41	2.63	38.20	34.62	74.00	-39.38	HORIZONTAL	Peak
2	1705.294	44.93	25.73	2.81	37.89	35.58	74.00	-38.42	HORIZONTAL	Peak
3	4434.246	43.92	30.72	4.78	36.81	42.61	68.20	-25.59	HORIZONTAL	Peak
4	6388.783	42.93	33.74	5.90	36.98	45.59	68.20	-22.61	HORIZONTAL	Peak
5	11570.000	42.62	39.78	8.38	37.14	53.64	74.00	-20.36	HORIZONTAL	Peak
6	17355.000	34.75	43.40	10.39	35.32	53.22	68.20	-14.98	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: middle



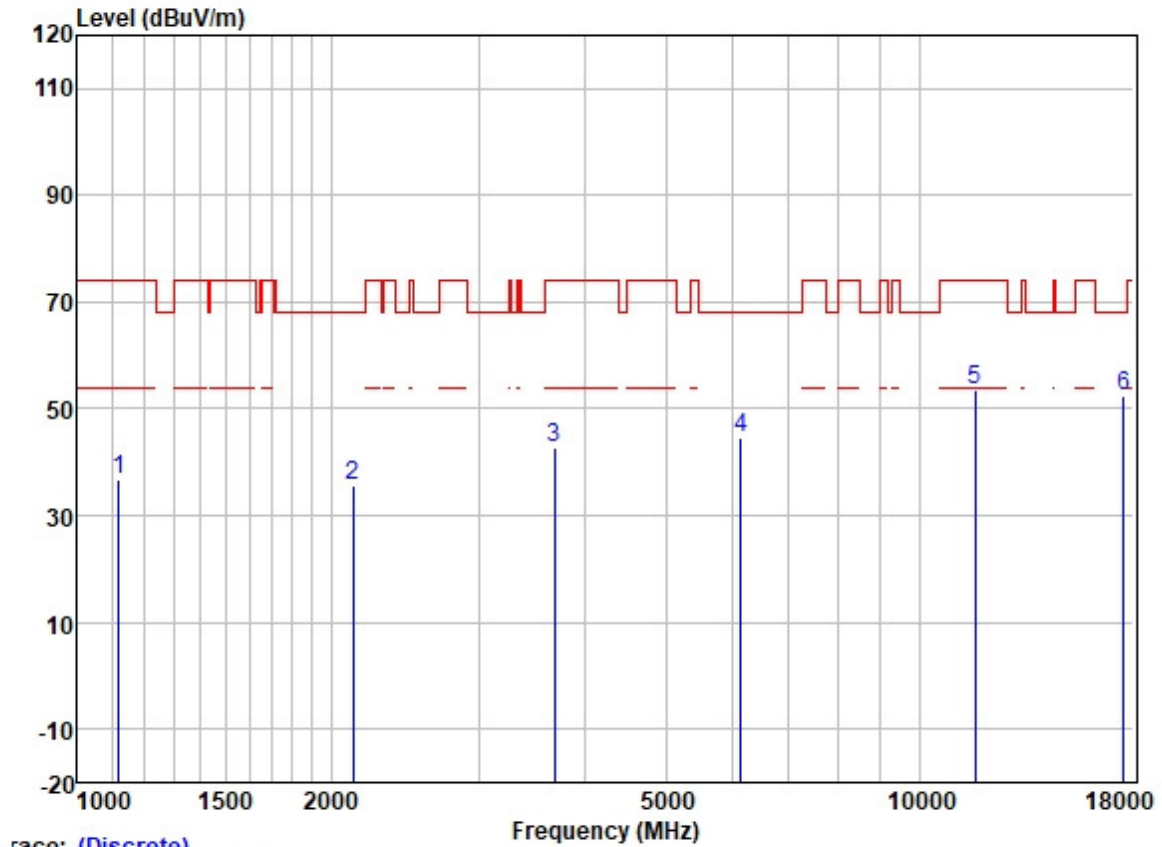
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1333.764	45.42	25.28	2.60	38.29	35.01	74.00	-38.99	VERTICAL	Peak
2	2127.309	43.96	26.36	3.17	37.67	35.82	68.20	-32.38	VERTICAL	Peak
3	3456.988	46.32	28.88	4.20	36.96	42.44	68.20	-25.76	VERTICAL	Peak
4	5550.778	43.44	31.84	6.35	36.89	44.74	68.20	-23.46	VERTICAL	Peak
5	11570.000	42.40	39.78	8.38	37.14	53.42	74.00	-20.58	VERTICAL	Peak
6	17355.000	34.13	43.40	10.39	35.32	52.60	68.20	-15.60	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: High



		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	1217.478	47.44	24.79	2.32	38.37	36.18	74.00	-37.82	HORIZONTAL	Peak
2	1776.990	44.49	25.91	2.96	37.83	35.53	68.20	-32.67	HORIZONTAL	Peak
3	3371.352	46.18	28.82	4.09	36.99	42.10	68.20	-26.10	HORIZONTAL	Peak
4	6861.078	41.77	34.78	5.82	37.15	45.22	68.20	-22.98	HORIZONTAL	Peak
5	11650.000	42.47	39.65	8.35	37.13	53.34	74.00	-20.66	HORIZONTAL	Peak
6	17475.000	34.11	43.90	10.77	35.32	53.46	68.20	-14.74	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: High

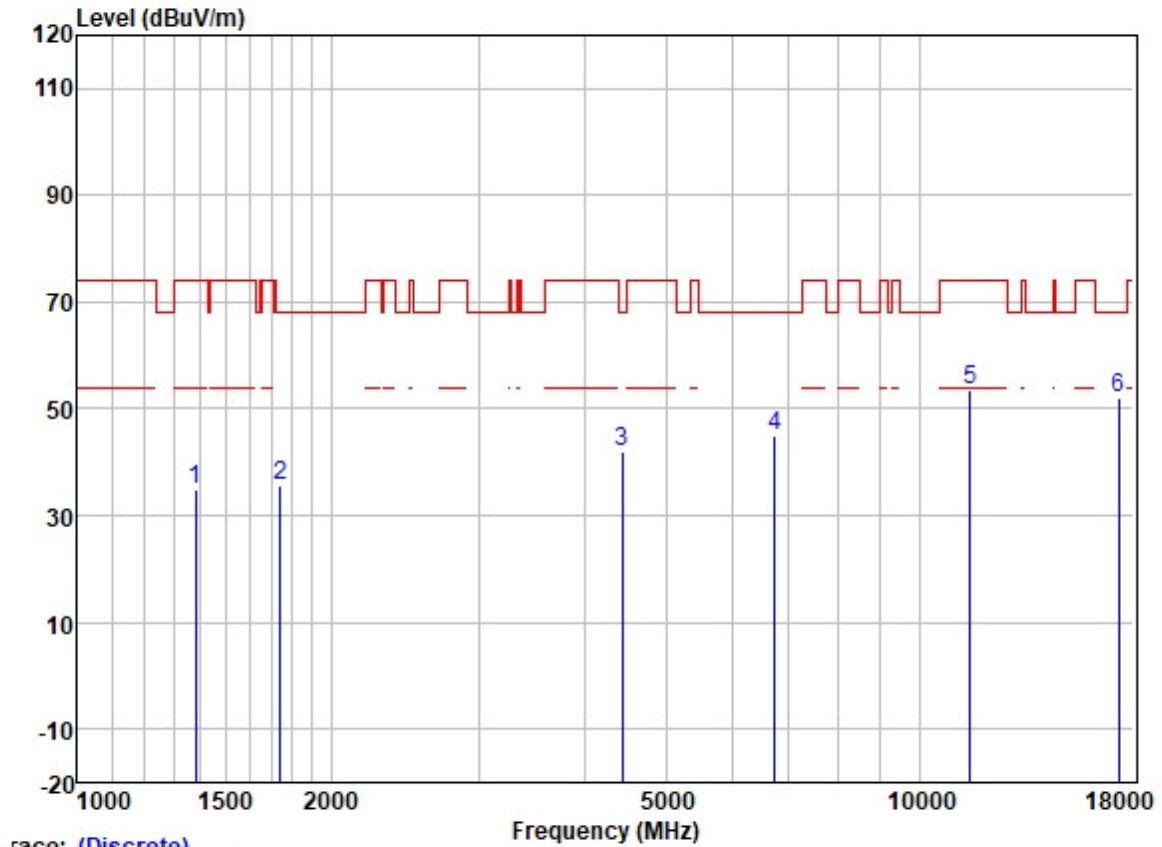


	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1119.984	48.60	24.41	2.24	38.43	36.82	74.00	-37.18	VERTICAL Peak
2	2127.997	43.60	26.36	3.17	37.67	35.46	68.20	-32.74	VERTICAL Peak
3	3681.845	45.73	29.20	4.54	36.88	42.59	74.00	-31.41	VERTICAL Peak
4	6139.971	42.70	32.77	6.12	36.93	44.66	68.20	-23.54	VERTICAL Peak
5	11650.000	42.51	39.65	8.35	37.13	53.38	74.00	-20.62	VERTICAL Peak
6	17475.000	32.90	43.90	10.77	35.32	52.25	68.20	-15.95	VERTICAL Peak



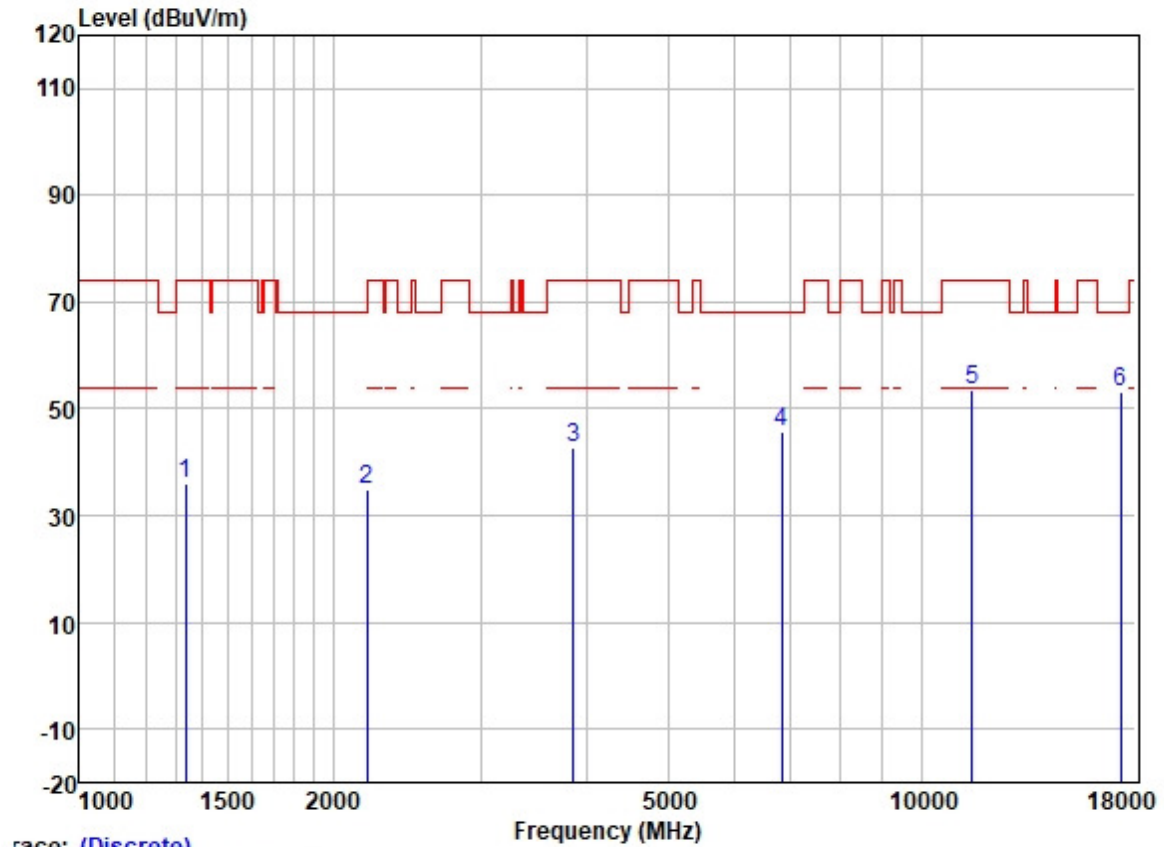
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Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: Low



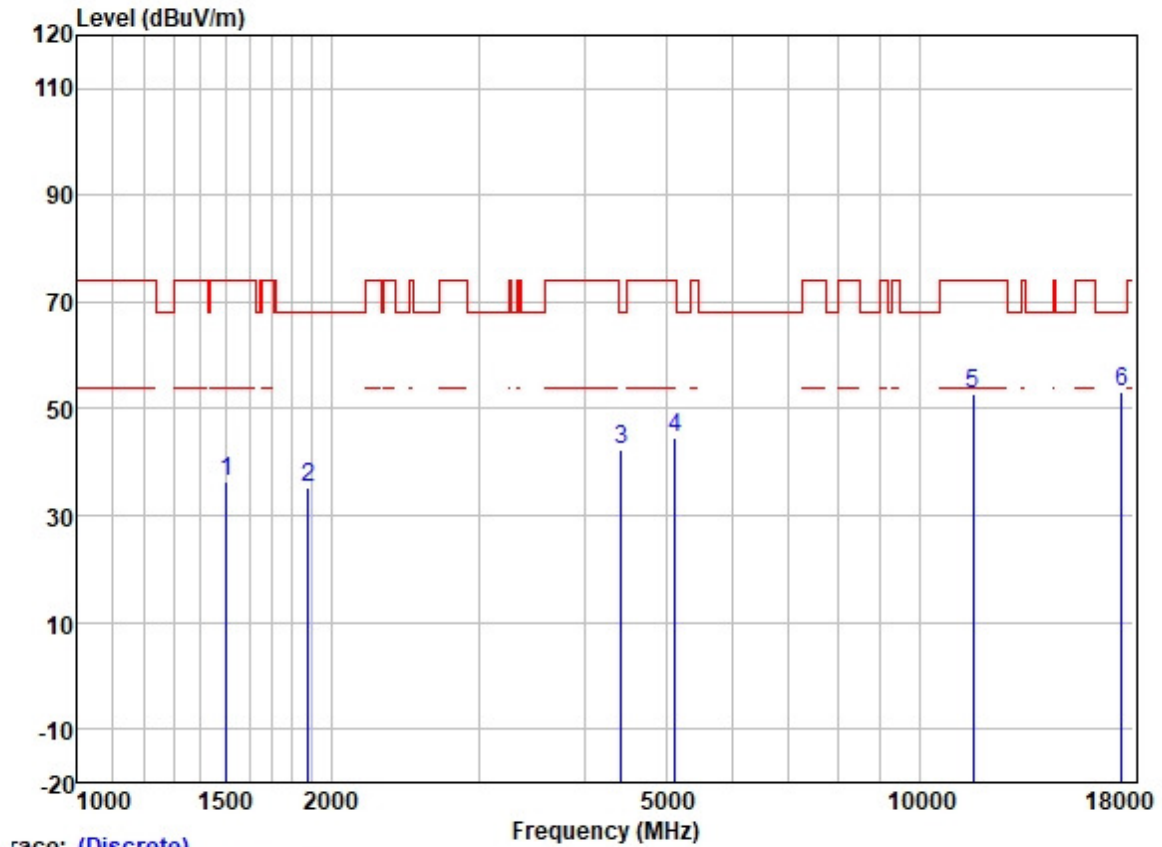
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1381.909	45.28	25.37	2.60	38.25	35.00	74.00	-39.00	HORIZONTAL	Peak
2	1743.485	44.73	25.83	2.87	37.85	35.58	68.20	-32.62	HORIZONTAL	Peak
3	4439.500	43.23	30.73	4.83	36.81	41.98	68.20	-26.22	HORIZONTAL	Peak
4	6731.340	41.75	34.50	5.82	37.09	44.98	68.20	-23.22	HORIZONTAL	Peak
5	11510.000	42.53	39.90	8.41	37.15	53.69	74.00	-20.31	HORIZONTAL	Peak
6	17265.000	33.94	43.21	10.24	35.33	52.06	68.20	-16.14	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: Low



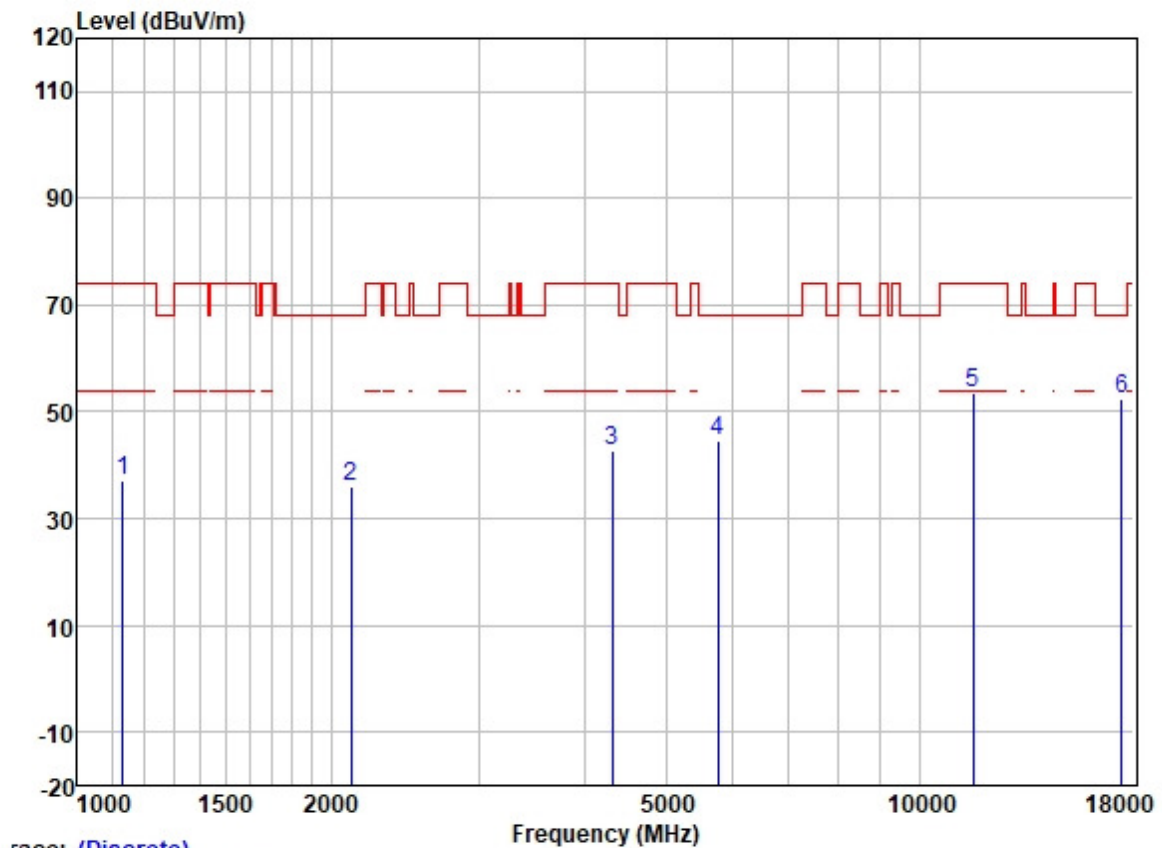
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1336.868	46.53	25.28	2.60	38.29	36.12	74.00	-37.88	VERTICAL	Peak
2	2196.557	42.70	26.59	3.20	37.65	34.84	68.20	-33.36	VERTICAL	Peak
3	3863.161	45.48	29.64	4.60	36.83	42.89	74.00	-31.11	VERTICAL	Peak
4	6831.485	42.45	34.74	5.82	37.13	45.88	68.20	-22.32	VERTICAL	Peak
5	11510.000	42.42	39.90	8.41	37.15	53.58	74.00	-20.42	VERTICAL	Peak
6	17265.000	35.03	43.21	10.24	35.33	53.15	68.20	-15.05	VERTICAL	Peak

Test Mode: 06; 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	1503.805	46.05	25.50	2.80	38.10	36.25	74.00	-37.75	HORIZONTAL	Peak
2	1879.237	44.21	26.02	2.92	37.77	35.38	68.20	-32.82	HORIZONTAL	Peak
3	4424.666	43.63	30.72	4.78	36.81	42.32	68.20	-25.88	HORIZONTAL	Peak
4	5131.000	44.08	31.72	5.63	36.86	44.57	74.00	-29.43	HORIZONTAL	Peak
5	11590.000	41.96	39.72	8.37	37.14	52.91	74.00	-21.09	HORIZONTAL	Peak
6	17385.000	34.38	43.57	10.53	35.32	53.16	68.20	-15.04	HORIZONTAL	Peak

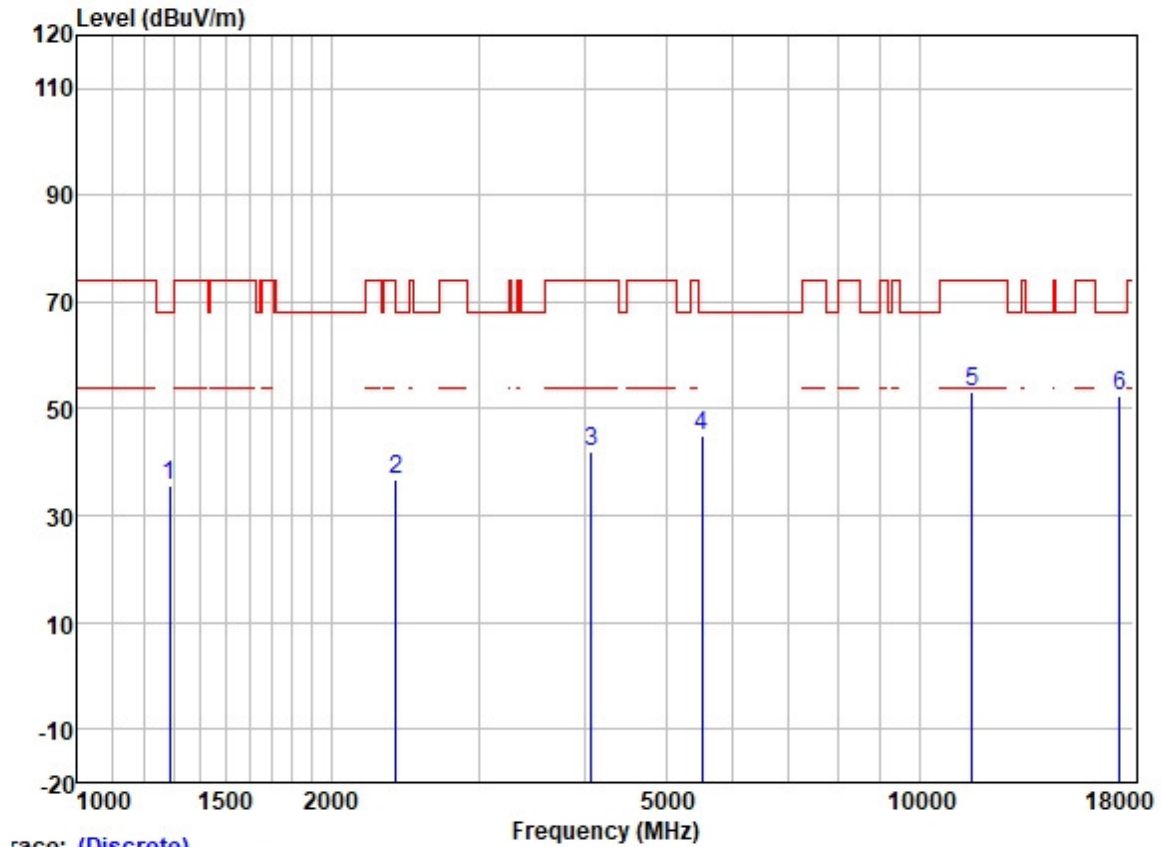
Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: High



Trace: (Discrete)

	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	1130.584	49.04	24.43	2.20	38.43	37.24	74.00	-36.76	VERTICAL Peak
2	2111.177	44.20	26.32	3.16	37.68	36.00	68.20	-32.20	VERTICAL Peak
3	4320.970	44.42	30.51	4.66	36.81	42.78	74.00	-31.22	VERTICAL Peak
4	5773.330	43.23	32.16	6.10	36.89	44.60	68.20	-23.60	VERTICAL Peak
5	11590.000	42.46	39.72	8.37	37.14	53.41	74.00	-20.59	VERTICAL Peak
6	17385.000	33.56	43.57	10.53	35.32	52.34	68.20	-15.86	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



Trace: (Discrete)

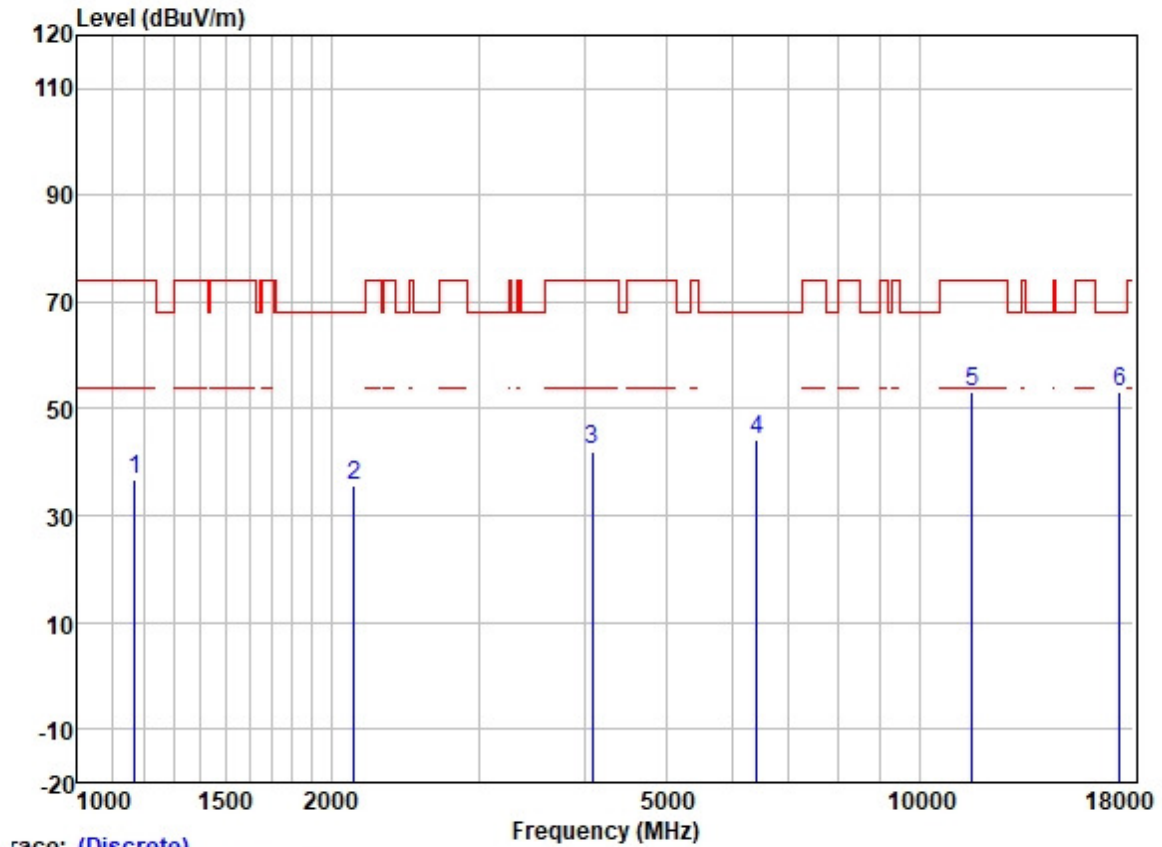
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1288.374	46.31	25.17	2.55	38.31	35.72	68.20	-32.48	HORIZONTAL Peak
2	2387.183	43.36	27.33	3.48	37.60	36.57	74.00	-37.43	HORIZONTAL Peak
3	4077.552	44.26	29.90	4.60	36.80	41.96	74.00	-32.04	HORIZONTAL Peak
4	5517.909	43.76	31.81	6.38	36.89	45.06	68.20	-23.14	HORIZONTAL Peak
5	11550.000	42.19	39.84	8.40	37.14	53.29	74.00	-20.71	HORIZONTAL Peak
6	17325.000	34.14	43.40	10.39	35.32	52.61	68.20	-15.59	HORIZONTAL Peak



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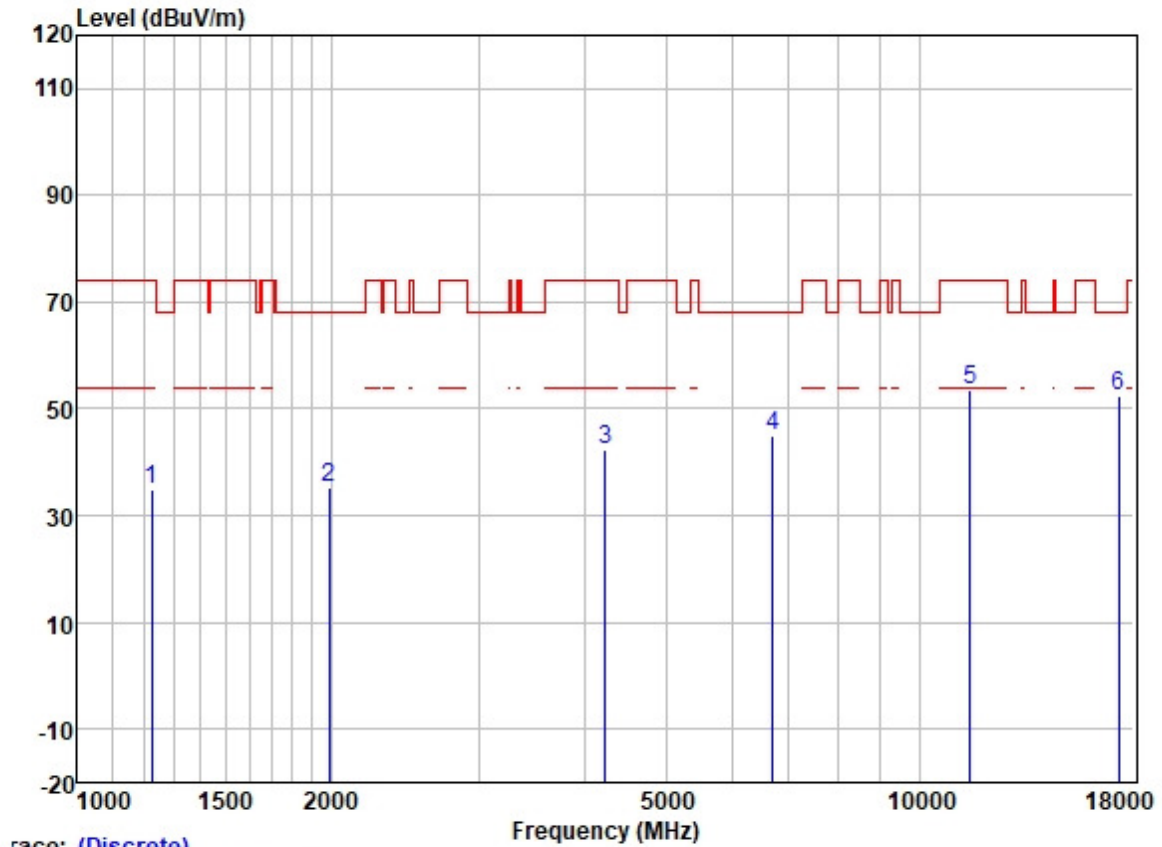
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



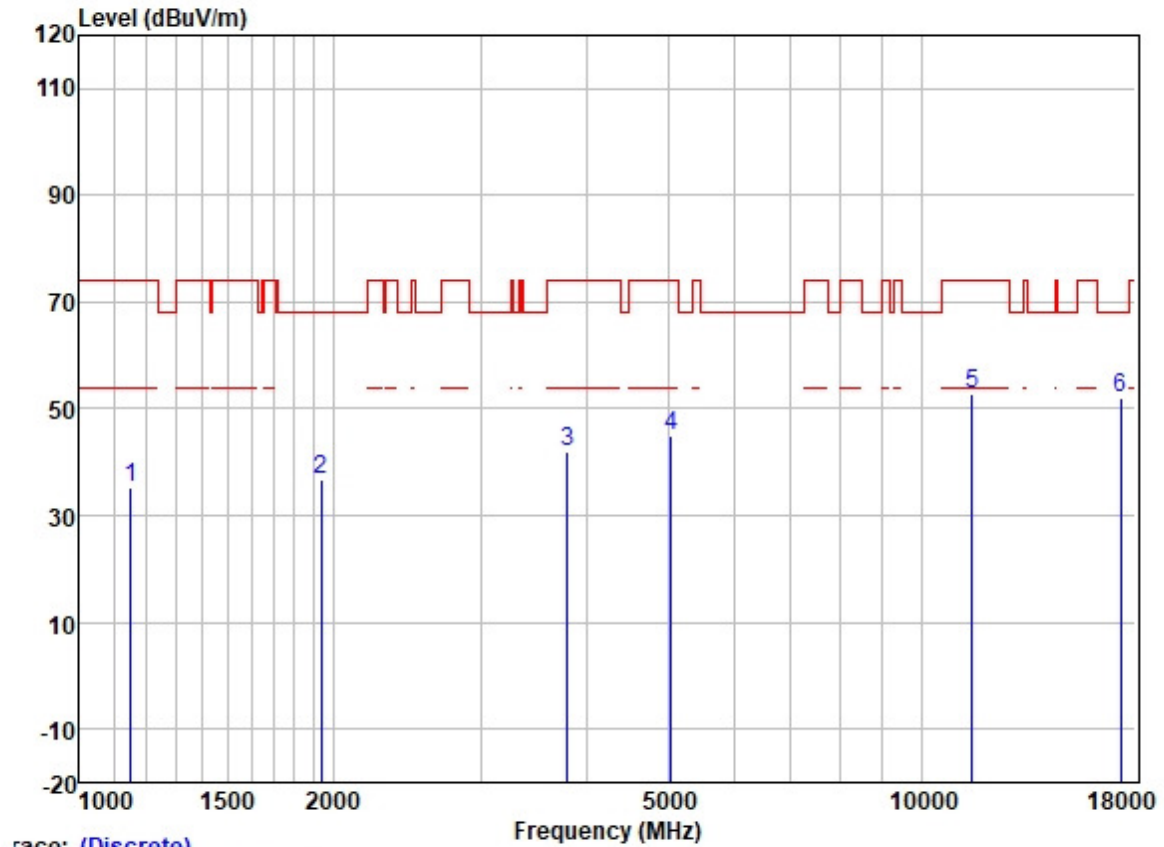
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1169.931	48.16	24.55	2.39	38.40	36.70	74.00	-37.30	VERTICAL	Peak
2	2131.004	43.62	26.37	3.17	37.67	35.49	68.20	-32.71	VERTICAL	Peak
3	4094.105	44.42	29.94	4.60	36.80	42.16	74.00	-31.84	VERTICAL	Peak
4	6409.461	41.46	33.79	5.89	36.98	44.16	68.20	-24.04	VERTICAL	Peak
5	11550.000	41.93	39.84	8.40	37.14	53.03	74.00	-20.97	VERTICAL	Peak
6	17325.000	34.54	43.40	10.39	35.32	53.01	68.20	-15.19	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



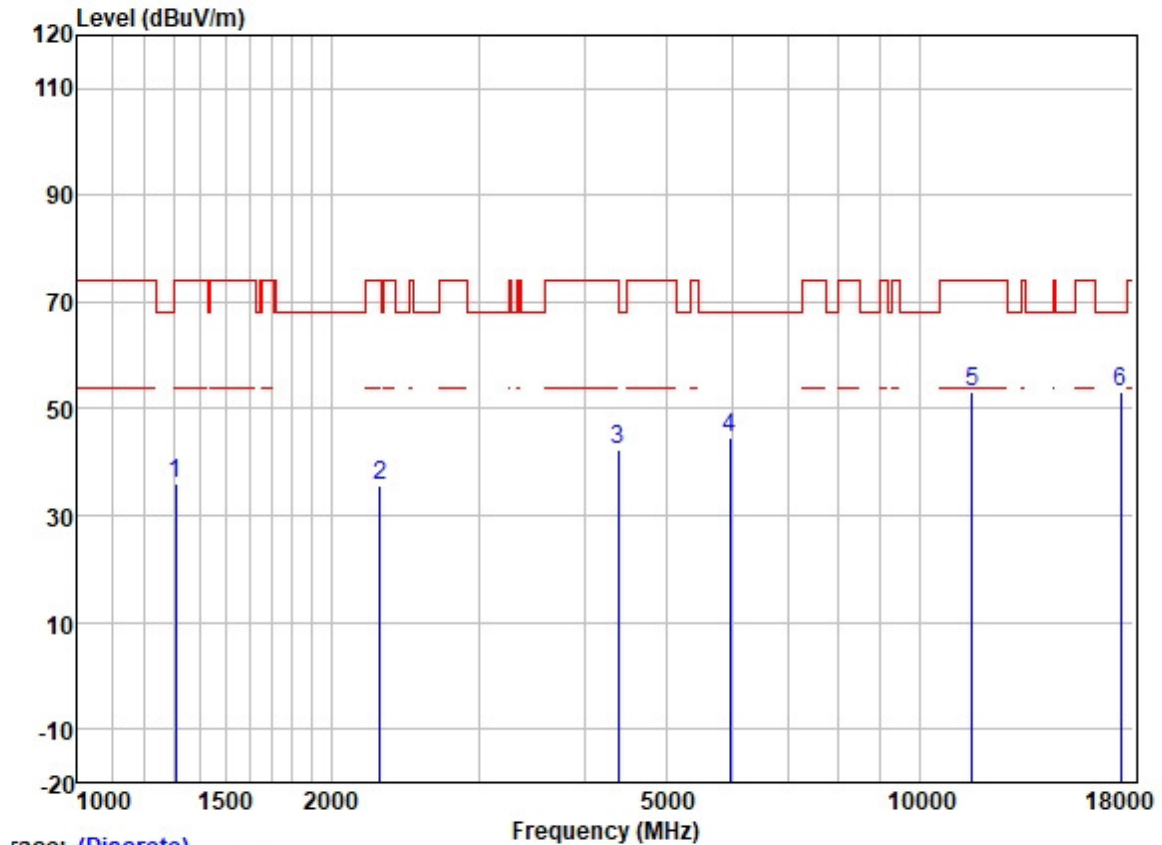
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1224.833	46.11	24.85	2.31	38.37	34.90	74.00	-39.10	HORIZONTAL	Peak
2	1990.061	43.72	26.09	3.08	37.70	35.19	68.20	-33.01	HORIZONTAL	Peak
3	4235.859	44.32	30.26	4.61	36.81	42.38	74.00	-31.62	HORIZONTAL	Peak
4	6699.900	41.96	34.38	5.83	37.08	45.09	68.20	-23.11	HORIZONTAL	Peak
5	11490.000	42.35	39.90	8.41	37.15	53.51	74.00	-20.49	HORIZONTAL	Peak
6	17235.000	34.49	43.01	10.08	35.33	52.25	68.20	-15.95	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11a(Full RU0); Bandwidth: 20MHz; Channel: Low



		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	1151.951	46.68	24.50	2.36	38.42	35.12	74.00	-38.88	VERTICAL	Peak
2	1938.350	45.51	26.07	2.97	37.73	36.82	68.20	-31.38	VERTICAL	Peak
3	3794.943	44.68	29.50	4.60	36.85	41.93	74.00	-32.07	VERTICAL	Peak
4	5049.415	44.46	31.71	5.68	36.86	44.99	74.00	-29.01	VERTICAL	Peak
5	11490.000	41.77	39.90	8.41	37.15	52.93	74.00	-21.07	VERTICAL	Peak
6	17235.000	34.21	43.01	10.08	35.33	51.97	68.20	-16.23	VERTICAL	Peak

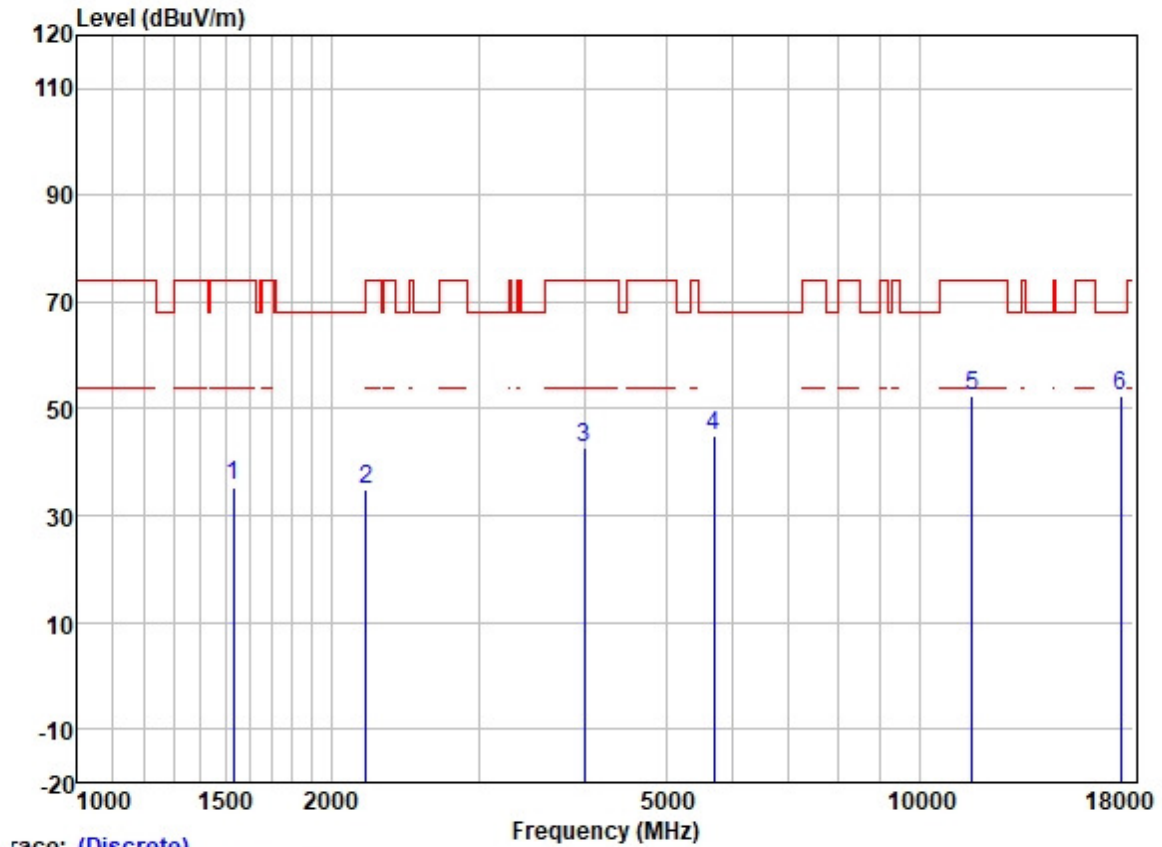
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Trace: (Discrete)

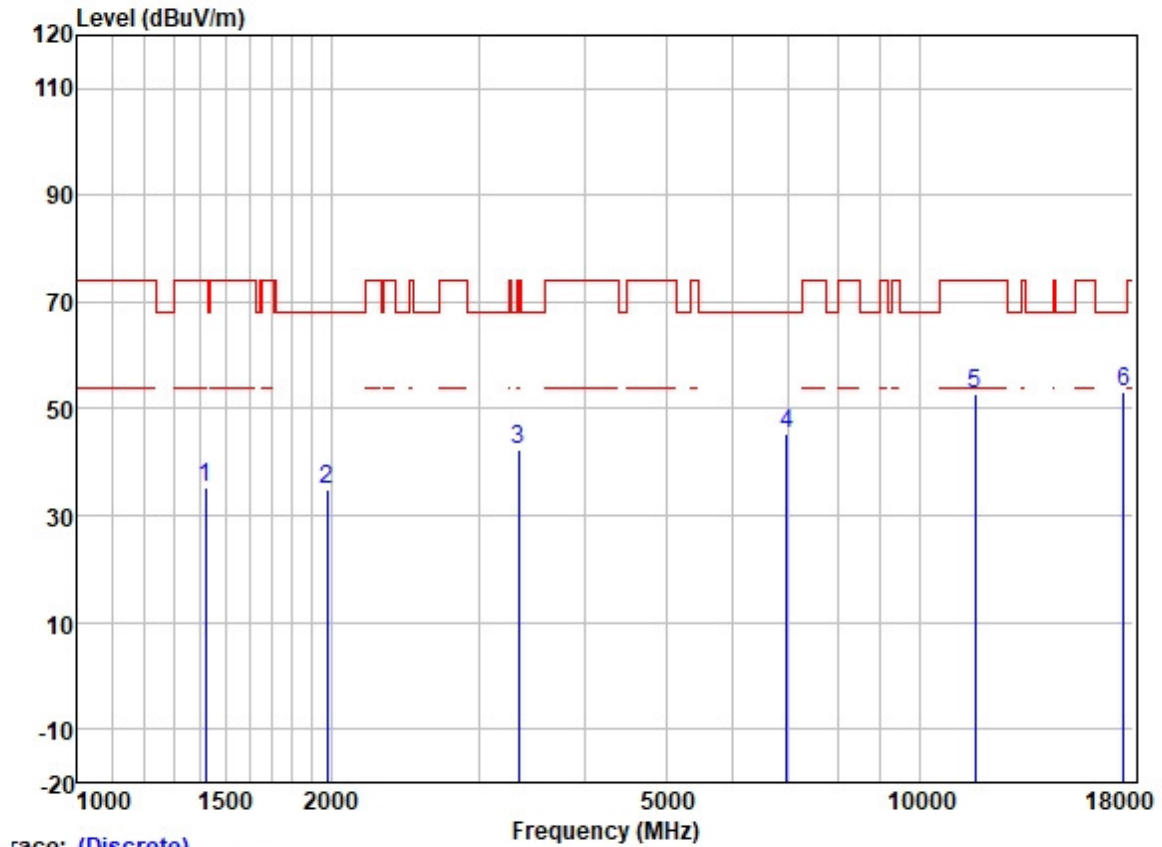
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1307.306	46.31	25.22	2.60	38.31	35.82	74.00	-38.18	HORIZONTAL	Peak
2	2285.771	42.95	27.06	3.29	37.63	35.67	74.00	-38.33	HORIZONTAL	Peak
3	4387.437	43.96	30.66	4.70	36.81	42.51	74.00	-31.49	HORIZONTAL	Peak
4	5963.986	42.98	32.37	6.10	36.90	44.55	68.20	-23.65	HORIZONTAL	Peak
5	11570.000	42.29	39.78	8.38	37.14	53.31	74.00	-20.69	HORIZONTAL	Peak
6	17355.000	34.57	43.40	10.39	35.32	53.04	68.20	-15.16	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: middle



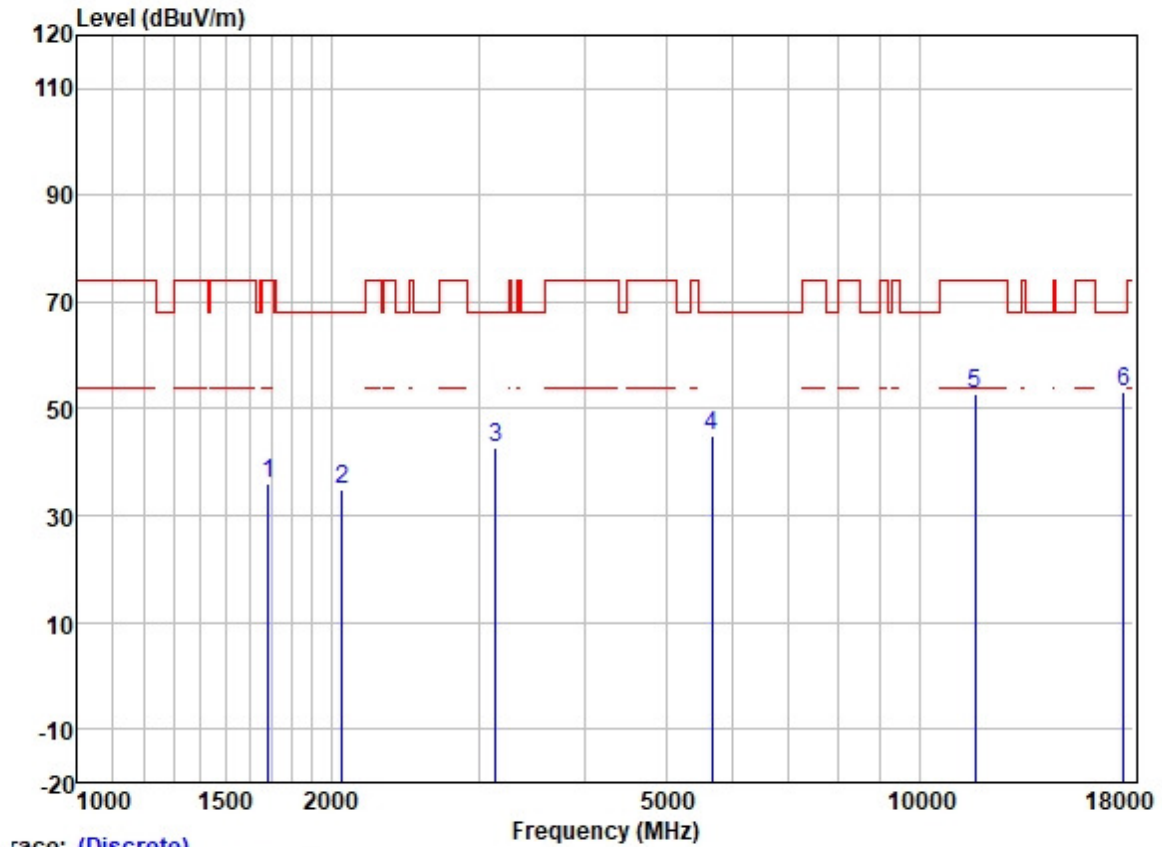
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1531.689	45.19	25.52	2.80	38.07	35.44	74.00	-38.56	VERTICAL Peak
2	2199.423	42.73	26.62	3.20	37.65	34.90	68.20	-33.30	VERTICAL Peak
3	4002.529	44.96	29.80	4.60	36.80	42.56	74.00	-31.44	VERTICAL Peak
4	5705.487	43.59	32.01	6.40	36.89	45.11	68.20	-23.09	VERTICAL Peak
5	11570.000	41.59	39.78	8.38	37.14	52.61	74.00	-21.39	VERTICAL Peak
6	17355.000	34.10	43.40	10.39	35.32	52.57	68.20	-15.63	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



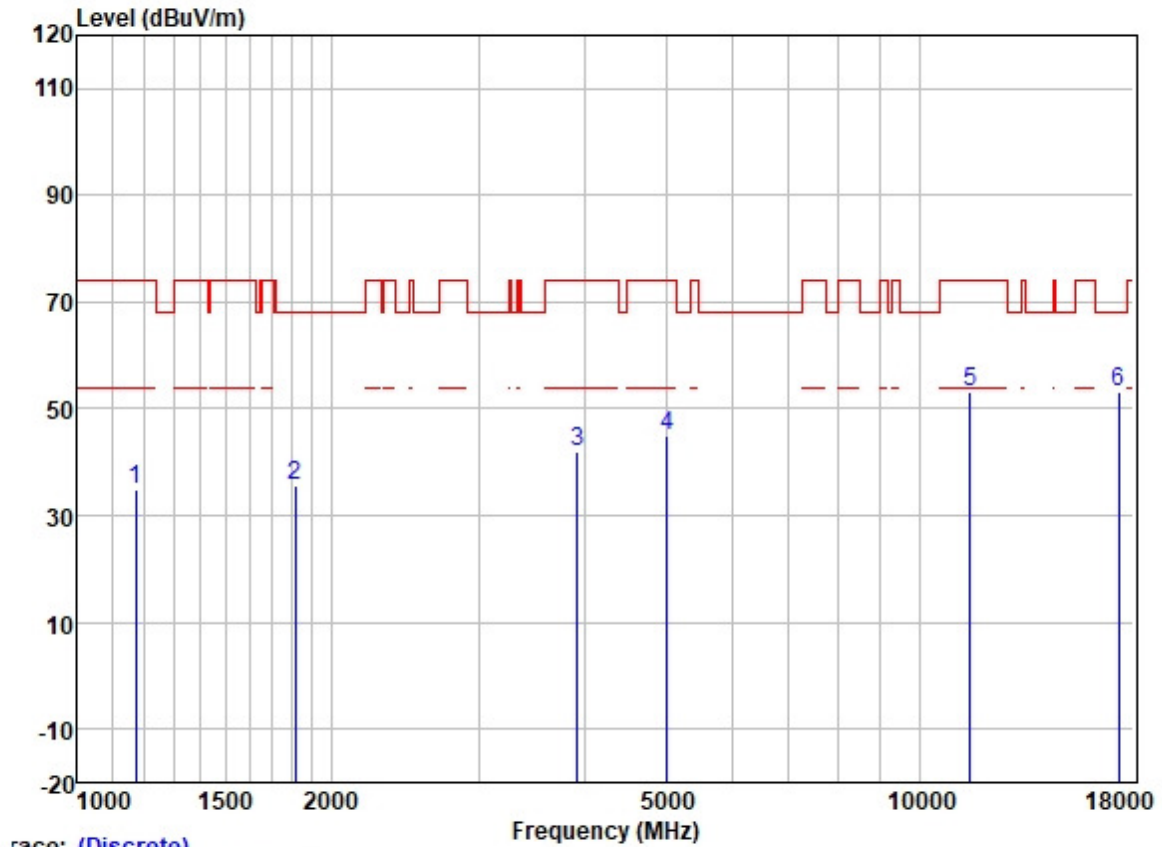
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1420.738	45.39	25.42	2.63	38.20	35.24	74.00	-38.76	HORIZONTAL	Peak
2	1981.370	43.40	26.09	3.07	37.71	34.85	68.20	-33.35	HORIZONTAL	Peak
3	3342.931	46.65	28.80	4.08	37.01	42.52	68.20	-25.68	HORIZONTAL	Peak
4	6958.516	41.63	34.95	5.81	37.21	45.18	68.20	-23.02	HORIZONTAL	Peak
5	11650.000	41.90	39.65	8.35	37.13	52.77	74.00	-21.23	HORIZONTAL	Peak
6	17475.000	33.75	43.90	10.77	35.32	53.10	68.20	-15.10	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



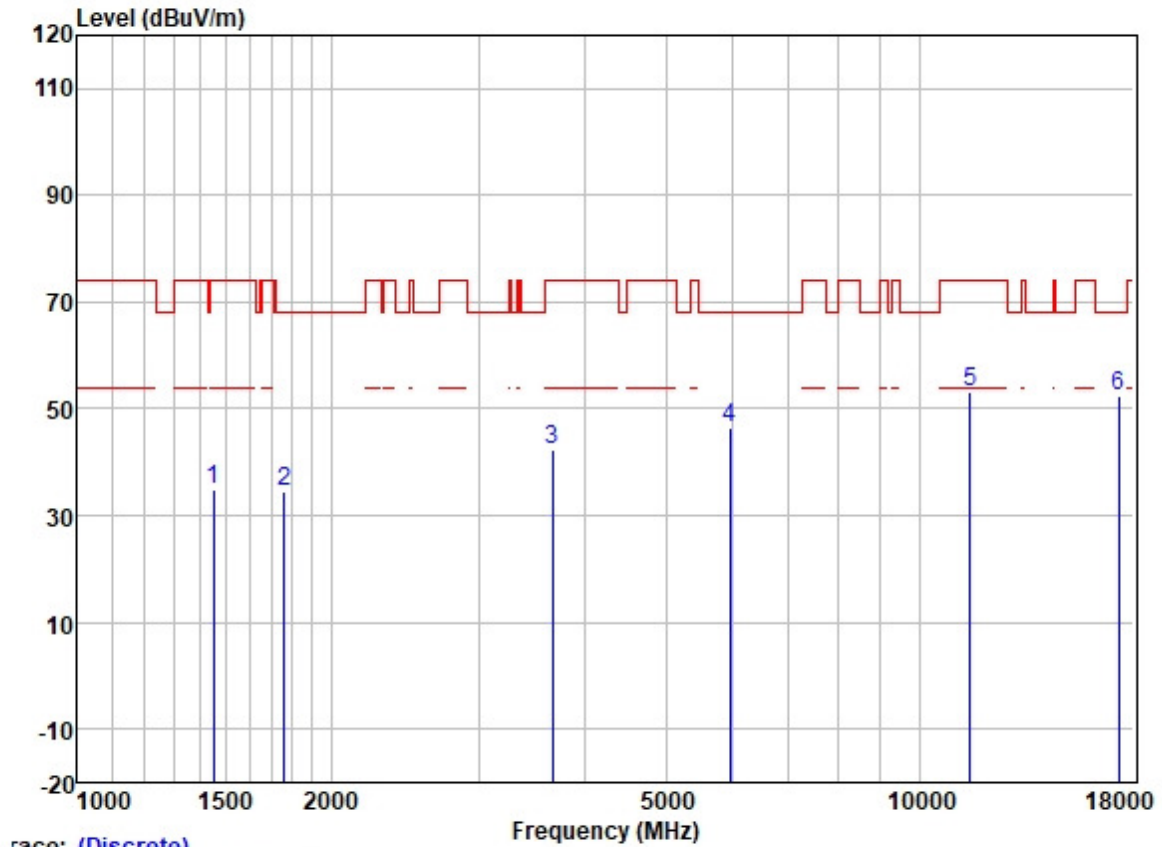
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1686.251	45.24	25.69	2.80	37.91	35.82	74.00	-38.18	VERTICAL	Peak
2	2065.050	43.31	26.22	3.13	37.68	34.98	68.20	-33.22	VERTICAL	Peak
3	3138.819	47.37	28.51	3.95	37.12	42.71	68.20	-25.49	VERTICAL	Peak
4	5677.999	43.31	31.99	6.38	36.89	44.79	68.20	-23.41	VERTICAL	Peak
5	11650.000	41.85	39.65	8.35	37.13	52.72	74.00	-21.28	VERTICAL	Peak
6	17475.000	33.74	43.90	10.77	35.32	53.09	68.20	-15.11	VERTICAL	Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



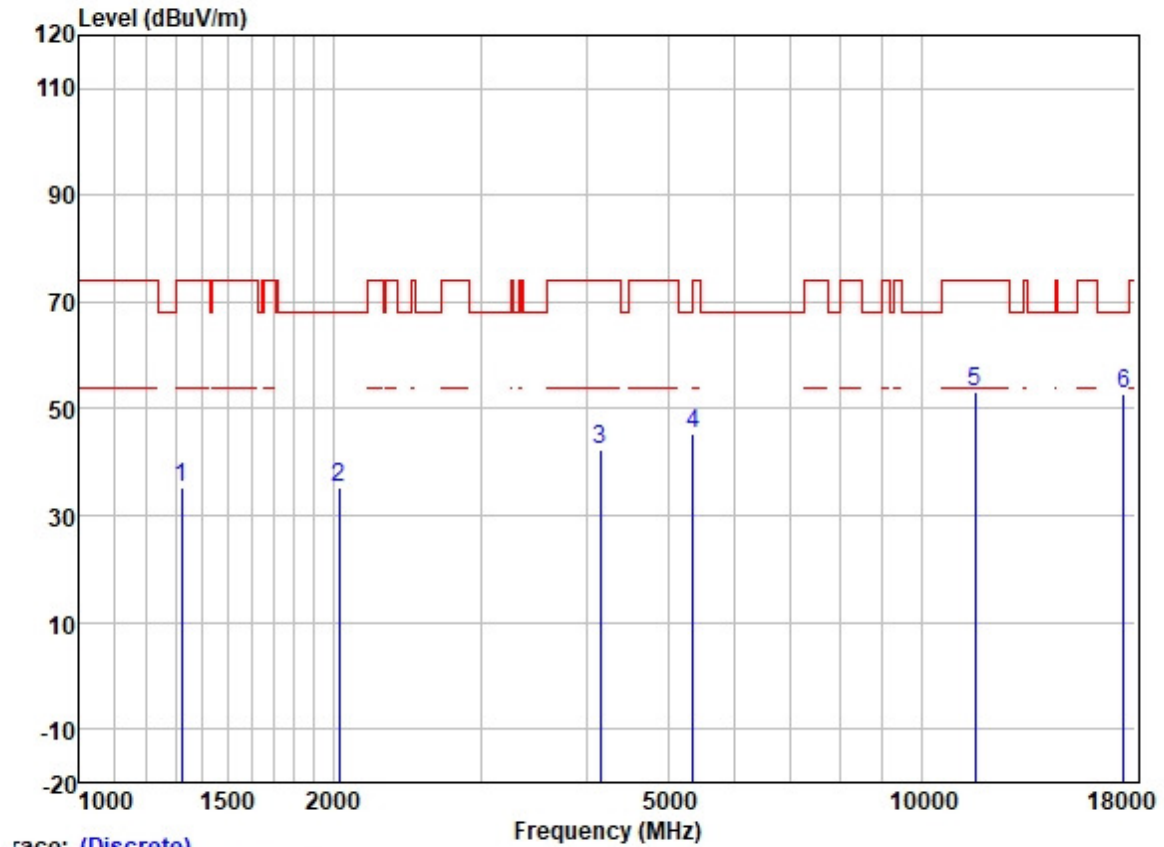
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1173.207	46.32	24.56	2.39	38.40	34.87	74.00	-39.13	HORIZONTAL	Peak
2	1815.878	44.59	25.96	2.99	37.80	35.74	68.20	-32.46	HORIZONTAL	Peak
3	3920.623	44.48	29.72	4.60	36.82	41.98	74.00	-32.02	HORIZONTAL	Peak
4	5019.141	44.35	31.70	5.69	36.85	44.89	74.00	-29.11	HORIZONTAL	Peak
5	11510.000	41.84	39.90	8.41	37.15	53.00	74.00	-21.00	HORIZONTAL	Peak
6	17265.000	34.89	43.21	10.24	35.33	53.01	68.20	-15.19	HORIZONTAL	Peak

Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



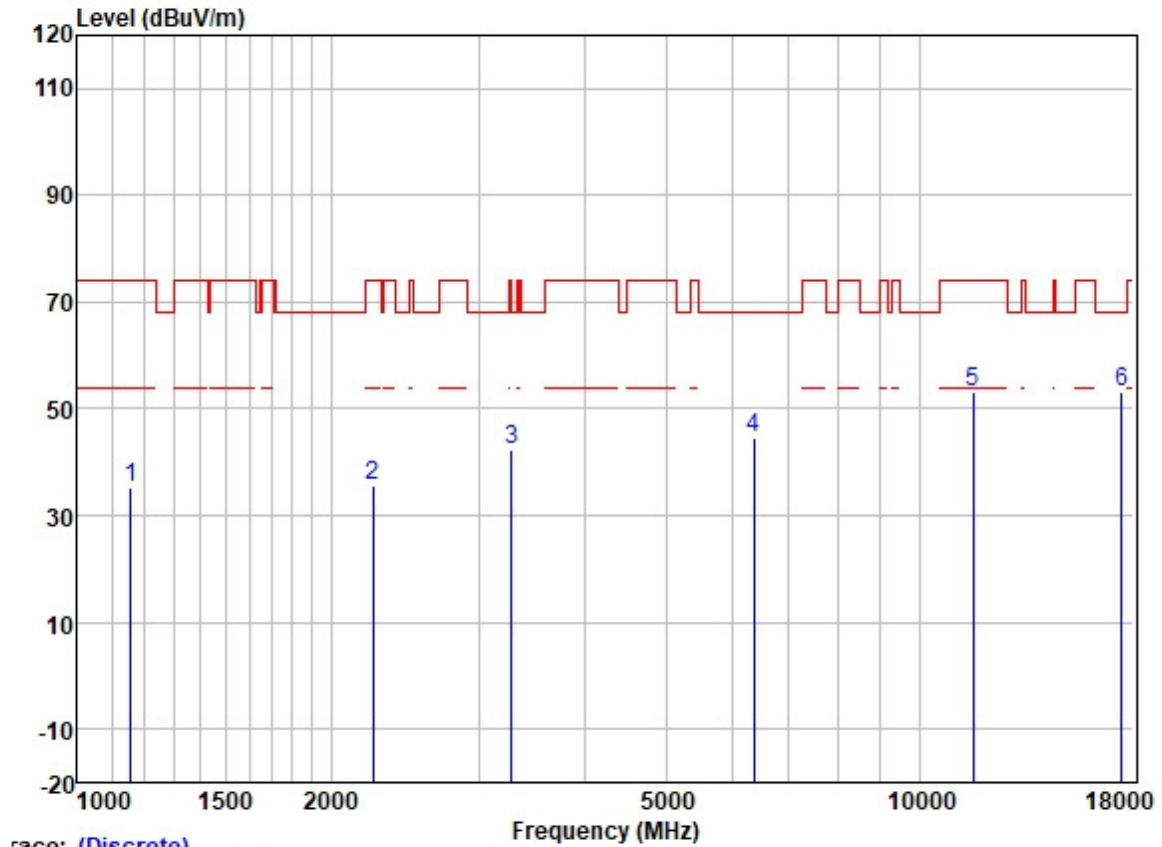
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1450.409	45.05	25.45	2.71	38.17	35.04	74.00	-38.96	VERTICAL Peak
2	1759.536	43.50	25.87	2.91	37.85	34.43	68.20	-33.77	VERTICAL Peak
3	3668.839	45.60	29.17	4.54	36.88	42.43	74.00	-31.57	VERTICAL Peak
4	5957.244	44.88	32.36	6.05	36.90	46.39	68.20	-21.81	VERTICAL Peak
5	11510.000	42.11	39.90	8.41	37.15	53.27	74.00	-20.73	VERTICAL Peak
6	17265.000	34.20	43.21	10.24	35.33	52.32	68.20	-15.88	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); 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	1322.331	45.83	25.26	2.60	38.29	35.40	74.00	-38.60	HORIZONTAL	Peak
2	2035.779	43.84	26.16	3.11	37.69	35.42	68.20	-32.78	HORIZONTAL	Peak
3	4152.048	44.41	30.06	4.60	36.80	42.27	74.00	-31.73	HORIZONTAL	Peak
4	5360.332	44.37	31.78	6.03	36.88	45.30	74.00	-28.70	HORIZONTAL	Peak
5	11590.000	42.35	39.72	8.37	37.14	53.30	74.00	-20.70	HORIZONTAL	Peak
6	17385.000	34.05	43.57	10.53	35.32	52.83	68.20	-15.37	HORIZONTAL	Peak

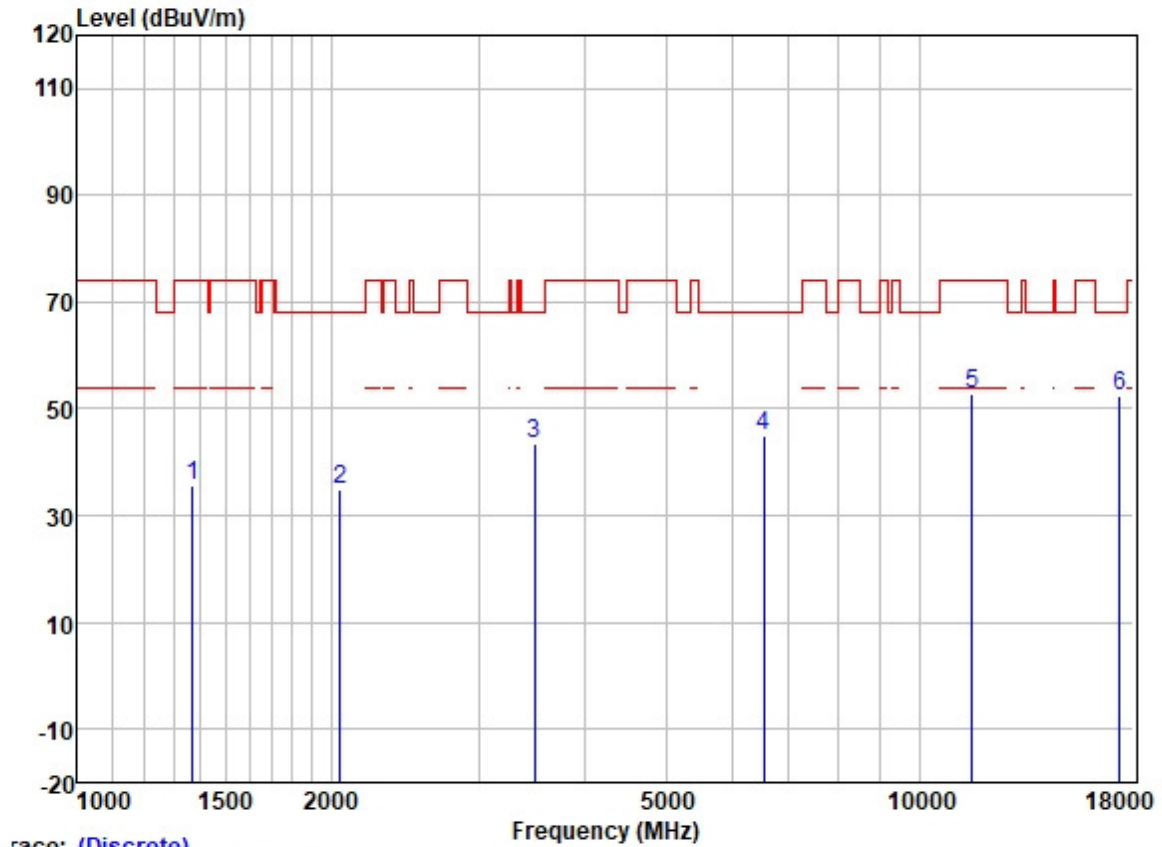
Test Mode: 06; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: High



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	1158.104	46.60	24.52	2.40	38.42	35.10	74.00	-38.90	VERTICAL Peak
2	2243.925	43.26	26.88	3.25	37.64	35.75	74.00	-38.25	VERTICAL Peak
3	3279.526	46.64	28.73	4.04	37.04	42.37	68.20	-25.83	VERTICAL Peak
4	6361.904	41.91	33.63	5.92	36.97	44.49	68.20	-23.71	VERTICAL Peak
5	11590.000	42.20	39.72	8.37	37.14	53.15	74.00	-20.85	VERTICAL Peak
6	17385.000	34.37	43.57	10.53	35.32	53.15	68.20	-15.05	VERTICAL Peak

Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	Remark
1	1371.787	45.81	25.35	2.60	38.25	35.51	74.00	-38.49	HORIZONTAL Peak
2	2051.859	43.27	26.19	3.12	37.69	34.89	68.20	-33.31	HORIZONTAL Peak
3	3491.159	47.30	28.90	4.30	36.94	43.56	68.20	-24.64	HORIZONTAL Peak
4	6540.143	41.91	34.06	5.84	37.03	44.78	68.20	-23.42	HORIZONTAL Peak
5	11550.000	41.53	39.84	8.40	37.14	52.63	74.00	-21.37	HORIZONTAL Peak
6	17325.000	33.89	43.40	10.39	35.32	52.36	68.20	-15.84	HORIZONTAL Peak