TEST REPORT

Application No.:	GZCR2108020826AT
Applicant:	SZ DJI Osmo Technology Co., Ltd.
Address of Applicant:	4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen
Manufacturer:	SZ DJI Osmo Technology Co., Ltd.
Address of Manufacturer:	4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen
Equipment Under Test (EUT):	
EUT Name:	DJI Action 2
Model No.:	MC211
Trade mark:	DJI
Standard(s) :	47 CFR Part 15, Subpart E 15.407
Date of Receipt:	2021-08-19
Date of Test:	2021-08-20 to 2021-08-25
Date of Issue:	2021-08-27
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Kobe Jian
EMC Laboratory Manager

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		*2021-08-27*		*Original*

Authorized for issue by				
Tested By		 **Curry Wu /Project Engineer**		
Reviewed By		 **Ricky Liu/Reviewer**		

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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
Band Edge		KDB 789033 D02 II	47 CFR Part 15, Subpart 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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4 General Information

4.1 Details of E.U.T.

Power supply:	Input: DC 5.0V from Pogopin port DC 3.7V Lithium-ion rechargeable battery (to be charged from Pogopin port)
Operation Frequency (20MHz):	U-NII-1: 5180-5240MHz; U-NII-3: 5745-5825MHz
Operation Frequency (40MHz):	U-NII-1: 5190-5230MHz; U-NII-3: 5755-5795MHz
Operation Frequency (80MHz):	U-NII-1: 5210MHz; U-NII-3: 5775MHz
Moudulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Channel Spacing:	802.11a/n(HT20)/ac(HT20): 20MHz; 802.11n(HT40)/ac(HT40): 40MHz; 802.11ac(HT80): 80MHz
DFS Function:	Without DFS function
TPC Function:	Without TPC function
Antenna Type:	Slot Antenna
Antenna Gain:	-1dBi

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	DJI	QC24-US	REF. No.SEA05F01C
Type-C Cable	SGS	N/A	REF. No.SEA07B00

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, Scientech 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	2021-01-08	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 Analzer(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

Duty Cycle					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
EXA Signal Analzer(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 Analzer(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 Analzer(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

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 Analzer(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

Band Edge					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
EXA Signal Analzer(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

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 -1dBi.

Antenna location: Refer to internal photo.

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

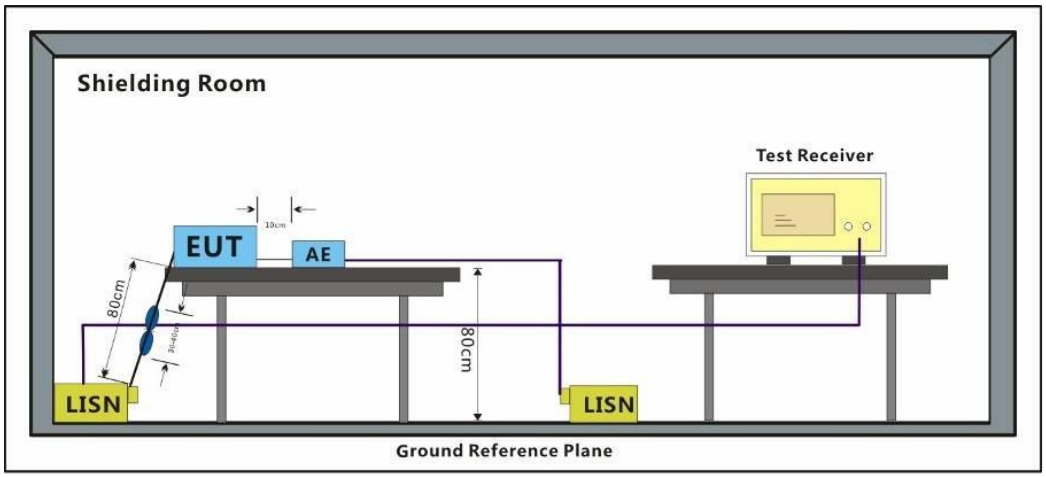
Operating Environment:

Temperature: 23.8 °C Humidity: 51.4 % RH Atmospheric Pressure: 995 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	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 @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan	09	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). 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.

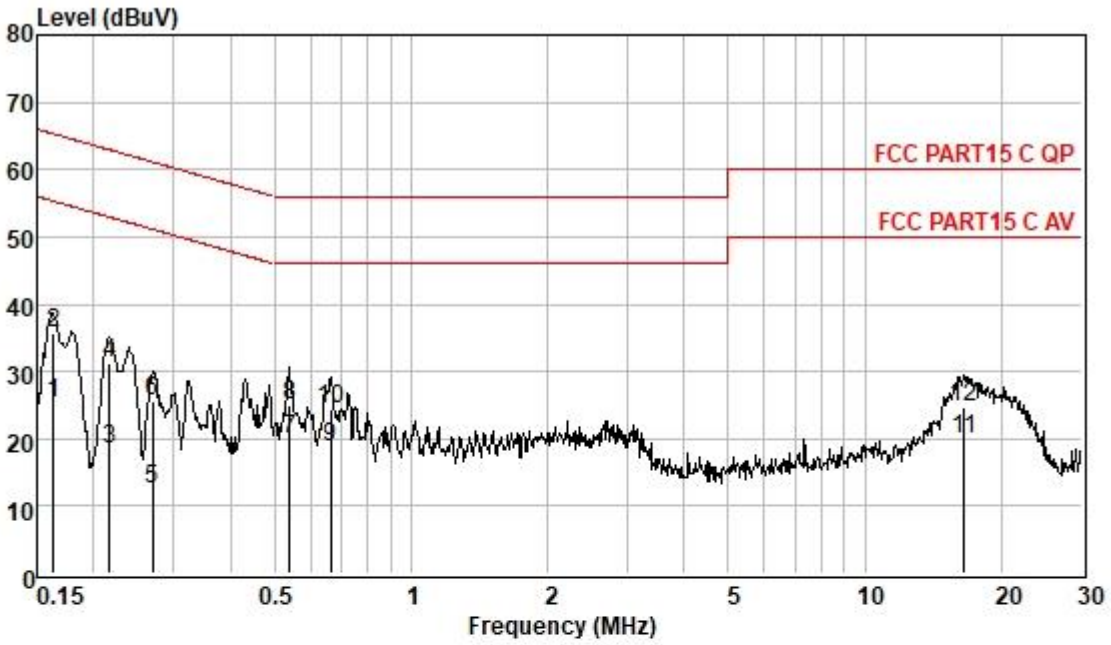
3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

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

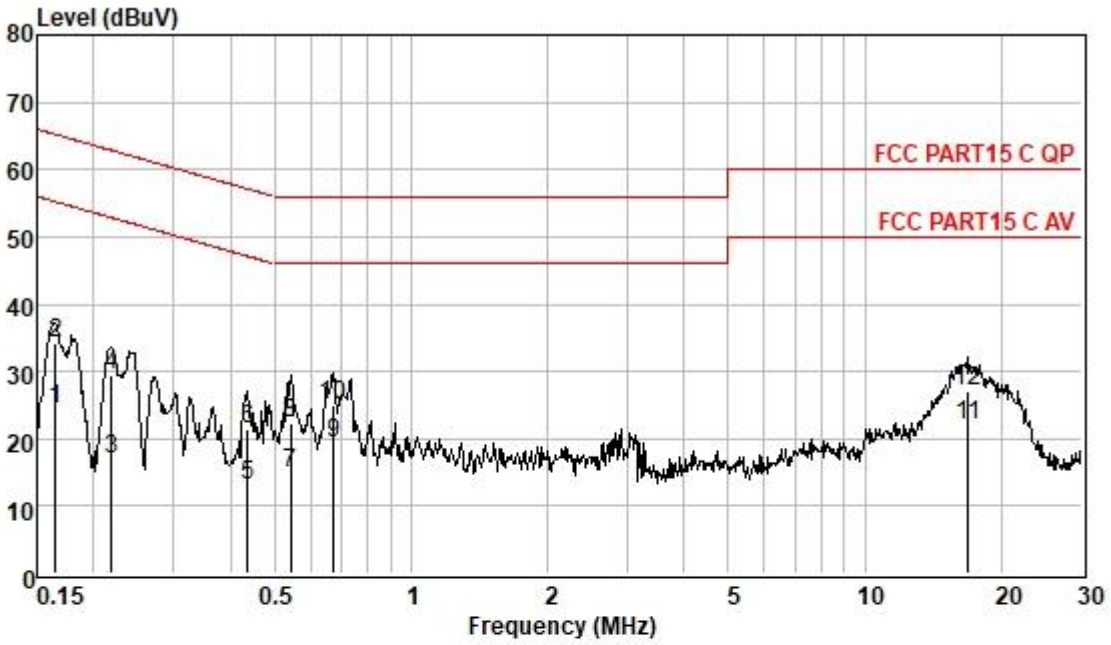
Test Mode: 07; Line: Live line; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Pol :LINE
Mode :07
Model :

Frequenc MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.16	15.53	0.06	9.62	25.21	55.30	-30.09	Average
0.16	26.06	0.06	9.62	35.74	65.30	-29.56	QP
0.22	8.70	0.06	9.63	18.39	52.96	-34.57	Average
0.22	21.58	0.06	9.63	31.27	62.96	-31.69	QP
0.27	2.91	0.06	9.62	12.59	51.12	-38.53	Average
0.27	16.02	0.06	9.62	25.70	61.12	-35.42	QP
0.54	10.18	0.07	9.63	19.88	46.00	-26.12	Average
0.54	15.21	0.07	9.63	24.91	56.00	-31.09	QP
0.66	9.05	0.07	9.63	18.75	46.00	-27.25	Average
0.66	14.75	0.07	9.63	24.45	56.00	-31.55	QP
16.49	9.78	0.33	9.75	19.86	50.00	-30.14	Average
16.49	14.74	0.33	9.75	24.82	60.00	-35.18	QP

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



Pol :NEUTRAL
Mode :07
Model :

Frequenc MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.17	14.63	0.06	9.55	24.24	55.21	-30.97	Average
0.17	24.52	0.06	9.55	34.13	65.21	-31.08	QP
0.22	7.45	0.06	9.54	17.05	52.88	-35.83	Average
0.22	19.71	0.06	9.54	29.31	62.88	-33.57	QP
0.44	3.59	0.06	9.56	13.21	47.11	-33.90	Average
0.44	11.65	0.06	9.56	21.27	57.11	-35.84	QP
0.54	5.38	0.07	9.55	15.00	46.00	-31.00	Average
0.54	12.80	0.07	9.55	22.42	56.00	-33.58	QP
0.68	9.79	0.07	9.55	19.41	46.00	-26.59	Average
0.68	15.22	0.07	9.55	24.84	56.00	-31.16	QP
16.84	11.98	0.33	9.65	21.96	50.00	-28.04	Average
16.84	17.09	0.33	9.65	27.07	60.00	-32.93	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

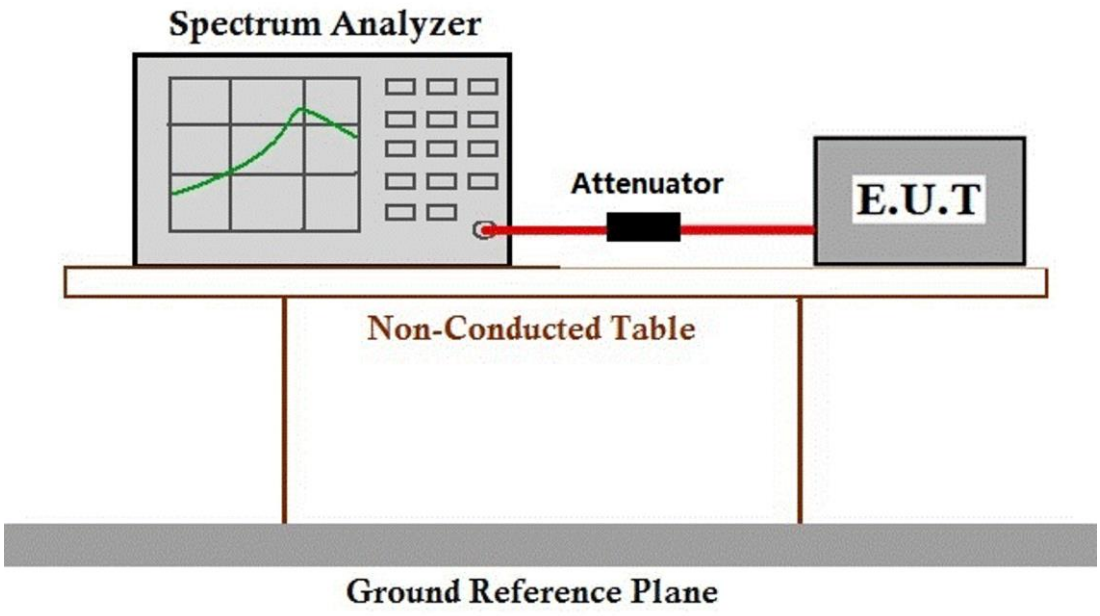
Operating Environment:

Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Please Refer To Appendix For Details

7.3 99% Bandwidth

Test Requirement N/A

Test Method: KDB 789033 II D

7.3.1 E.U.T. Operation

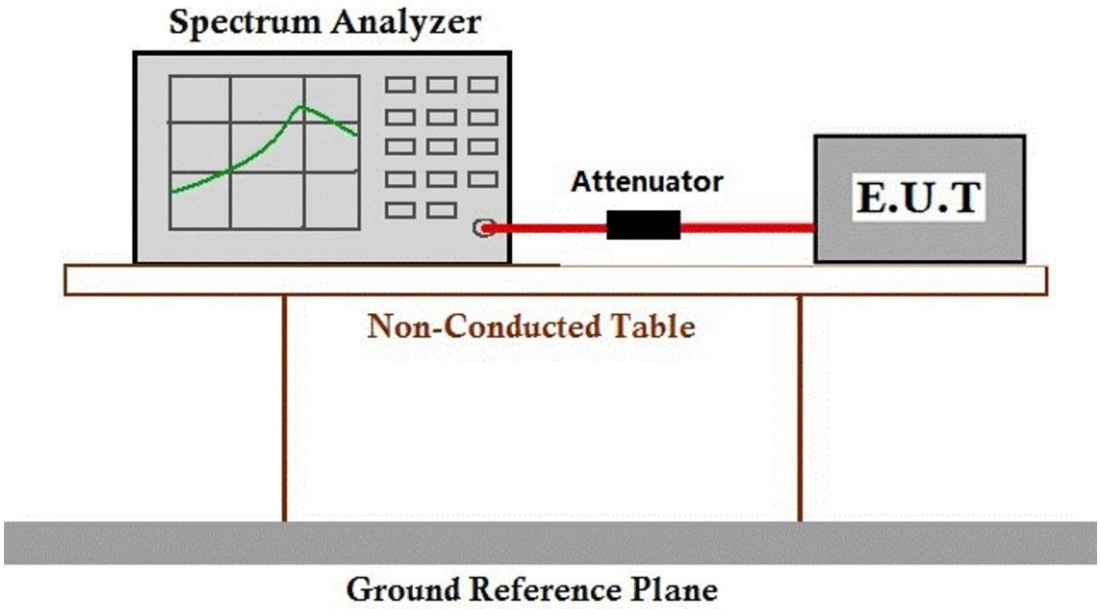
Operating Environment:

Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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

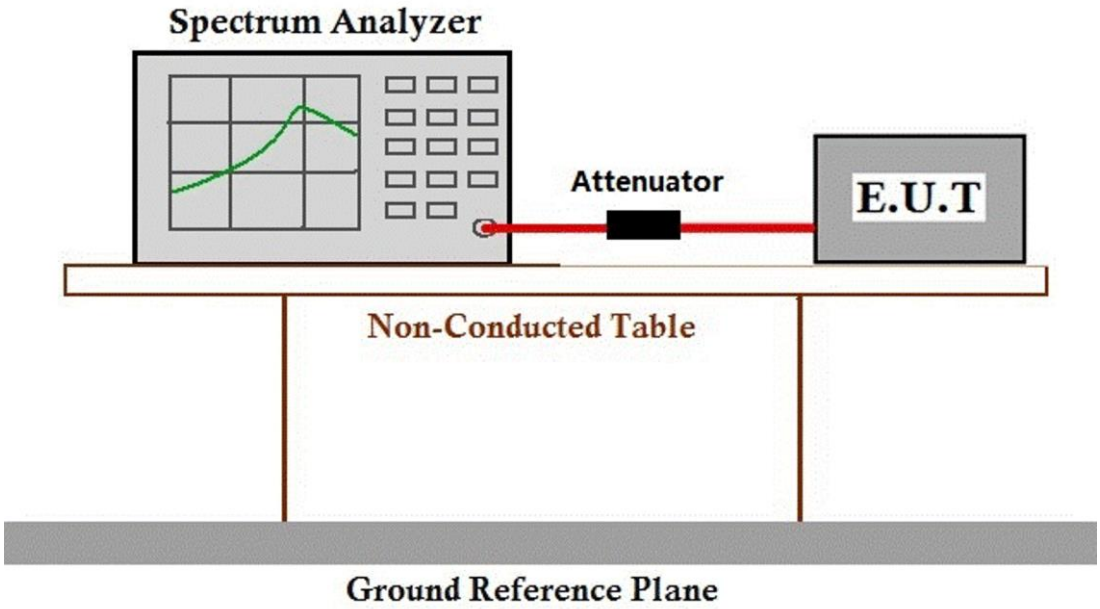
7.4.1 E.U.T. Operation

Operating Environment:
Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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

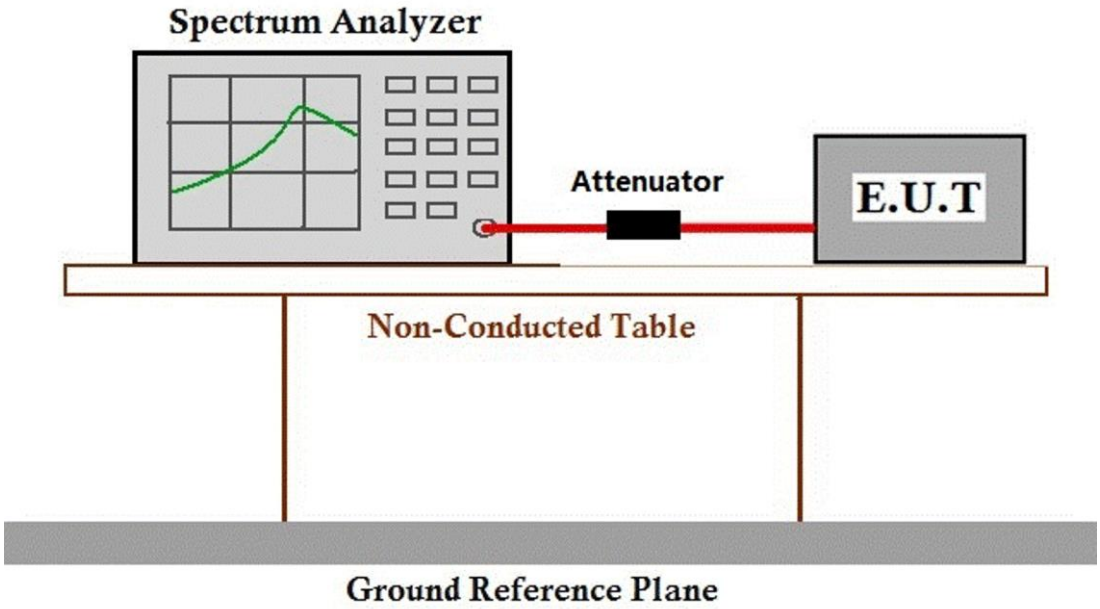
Operating Environment:

Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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

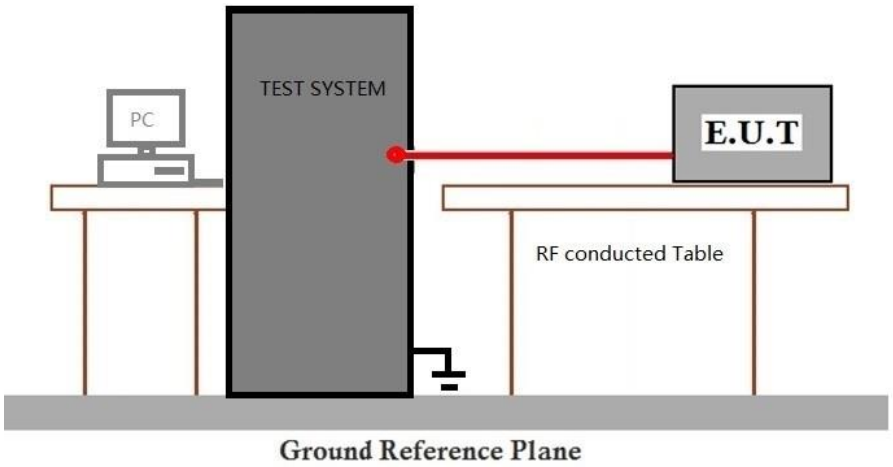
Operating Environment:

Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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

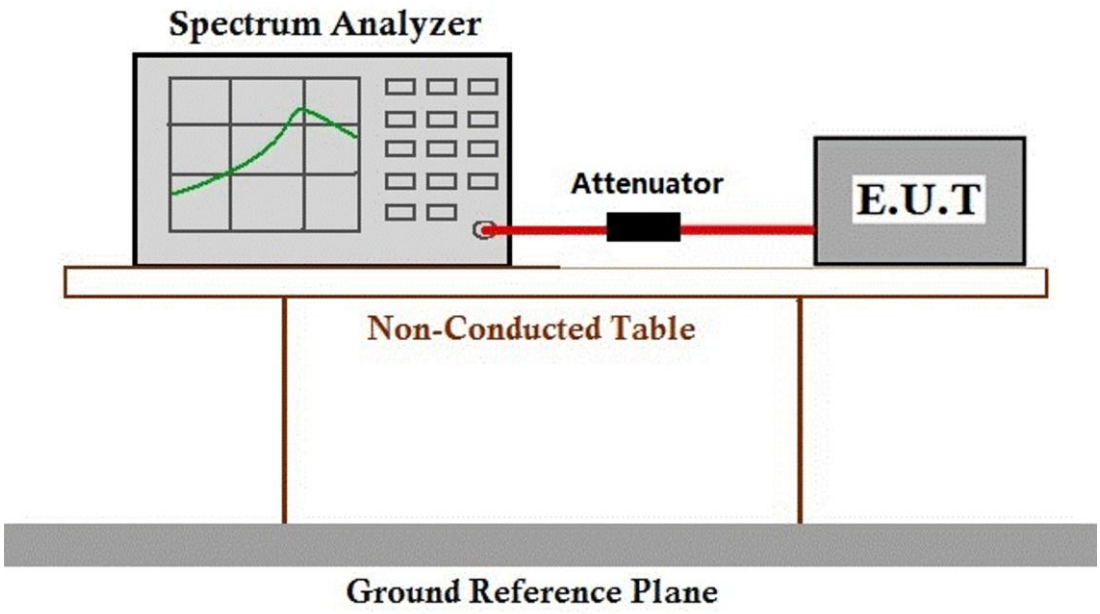
Operating Environment:

Temperature: 25.6 °C Humidity: 50.3 % RH Atmospheric Pressure: 995 mbar

7.7.2 Test Mode Description

Pre-scan /Final test	Mode Code	Description
Final test	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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

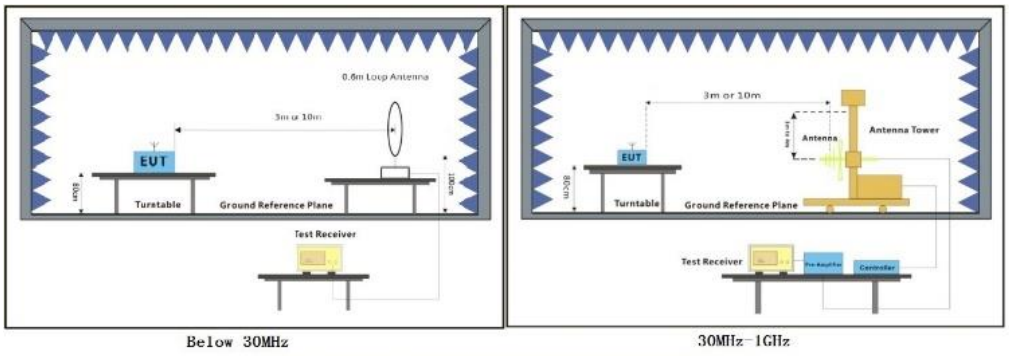
Operating Environment:

Temperature: 25.2 °C Humidity: 55.5 % RH Atmospheric Pressure: 995 mbar

7.8.2 Test Mode Description

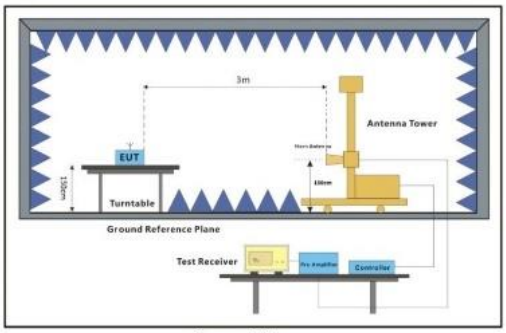
Pre-scan / Final test	Mode Code	Description
Pre-scan	06	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	07	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 @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	09	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). Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz



Above 1GHz

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 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 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). 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.

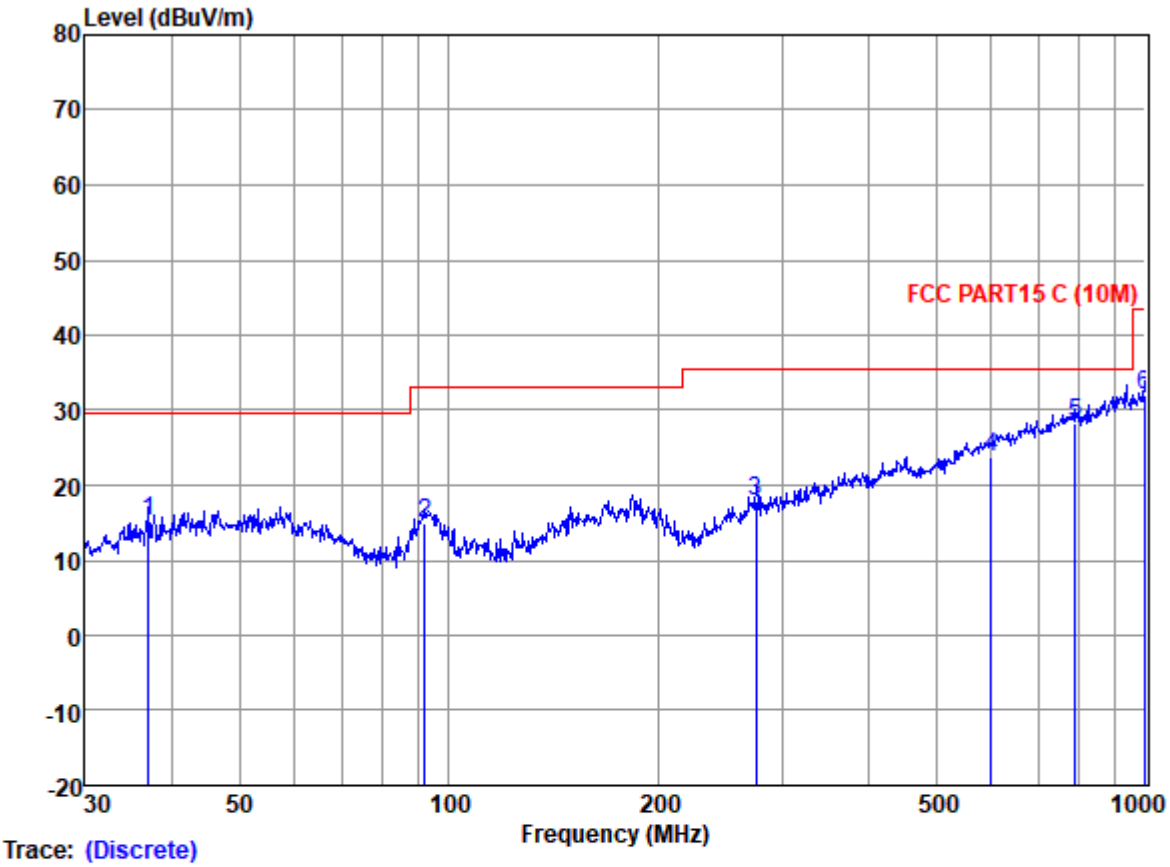
3). As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions 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). For the emission 30MHz to 1Ghz, lowest, middle, highest channel test performed at band U-NII-1, U-NII-3, find the worst case is band U-NII-1 802.11a mode lowest channel, only record the worst case.

Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

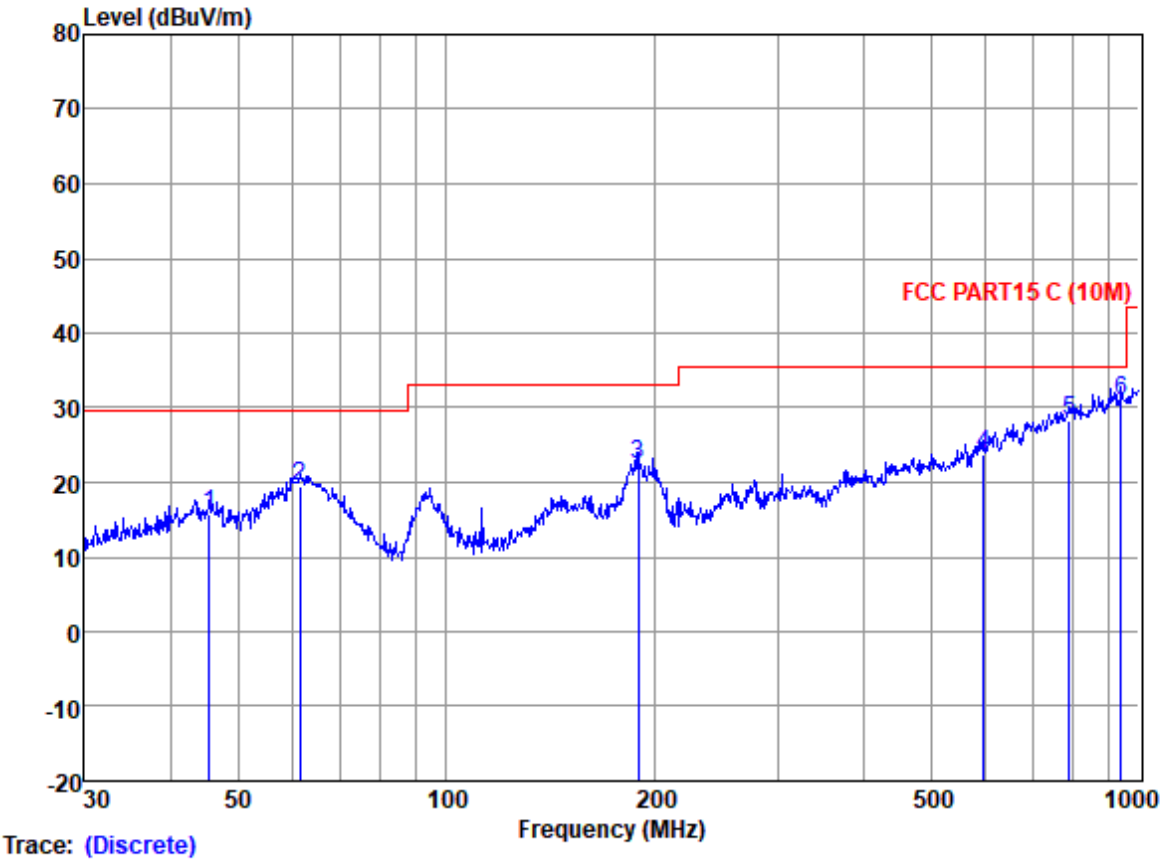


Trace: (Discrete)

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

	Freq	Read Level	Anterna Factor	Cable Loss	Preamp Factor	Measured Level	Limit Line	Over Limit	Pol/ Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dBuV		
1	37.02	28.05	13.15	1.08	27.18	15.10	29.50	-14.40	HORIZONTAL	QP
2	92.14	32.28	8.10	1.65	27.08	14.95	33.10	-18.15	HORIZONTAL	QP
3	276.12	28.26	13.05	3.07	26.57	17.81	35.60	-17.79	HORIZONTAL	QP
4	599.32	26.99	19.90	5.14	28.21	23.82	35.60	-11.78	HORIZONTAL	QP
5	793.40	27.70	22.53	6.14	28.04	28.33	35.60	-7.27	HORIZONTAL	QP
6	996.50	27.95	24.27	7.43	27.66	31.99	43.50	-11.51	HORIZONTAL	QP

Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

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

	Freq	Read Level	Anterna Factor	Cable Loss	Preamp Factor	Measured Level	Limit Line	Over Limit	Pol/ Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dBuV		
1	45.38	28.00	13.87	1.12	27.17	15.82	29.50	-13.68	VERTICAL	QP
2	61.35	32.05	13.18	1.28	27.15	19.36	29.50	-10.14	VERTICAL	QP
3	189.07	35.49	11.03	2.49	26.74	22.27	33.10	-10.83	VERTICAL	QP
4	595.13	27.25	19.70	5.10	28.20	23.85	35.60	-11.75	VERTICAL	QP
5	793.40	27.72	22.53	6.14	28.04	28.35	35.60	-7.25	VERTICAL	QP
6	942.13	27.88	23.83	7.12	27.77	31.06	35.60	-4.54	VERTICAL	QP

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:

L_3: Level @ 3m distance. Unit: uV/m;

L_{10}: Level @ 10m distance. Unit: uV/m;

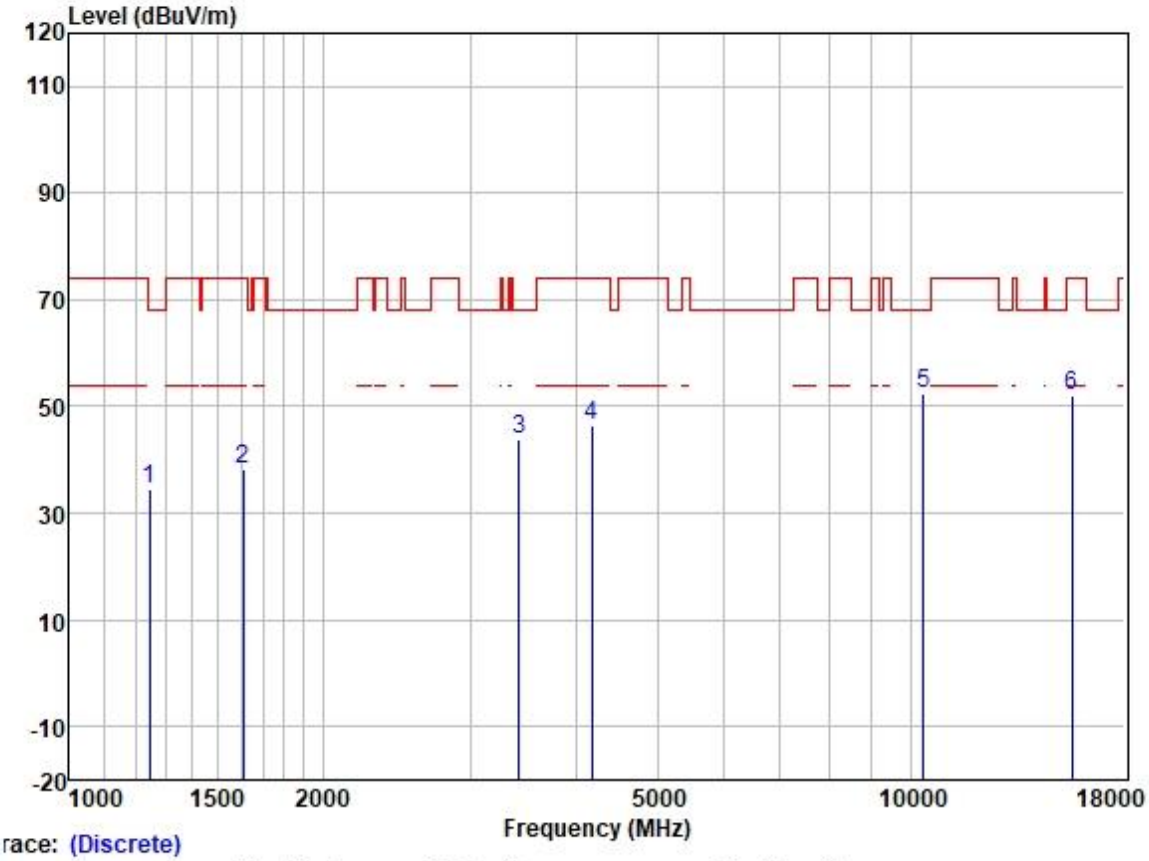
D_3: 3m distance. Unit: m

D_{10}: 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
37.02	15.10	5.69	18.96	25.56	40.00	-14.44	H
92.14	14.95	5.59	18.64	25.41	43.50	-18.09	H
276.12	17.81	7.77	25.90	28.27	46.00	-17.73	H
599.32	23.82	15.52	51.75	34.28	46.00	-11.72	H
793.40	28.33	26.09	86.97	38.79	46.00	-7.21	H
996.50	31.99	39.76	132.55	42.45	54.00	-11.55	H
45.38	15.82	6.18	20.60	26.28	40.00	-13.72	V
61.35	19.36	9.29	30.97	29.82	40.00	-10.18	V
189.07	22.27	12.99	43.29	32.73	43.50	-10.77	V
595.13	23.85	15.58	51.93	34.31	46.00	-11.69	V
793.40	28.35	26.15	87.17	38.81	46.00	-7.19	V
942.13	31.06	35.73	119.09	41.52	46.00	-4.48	V

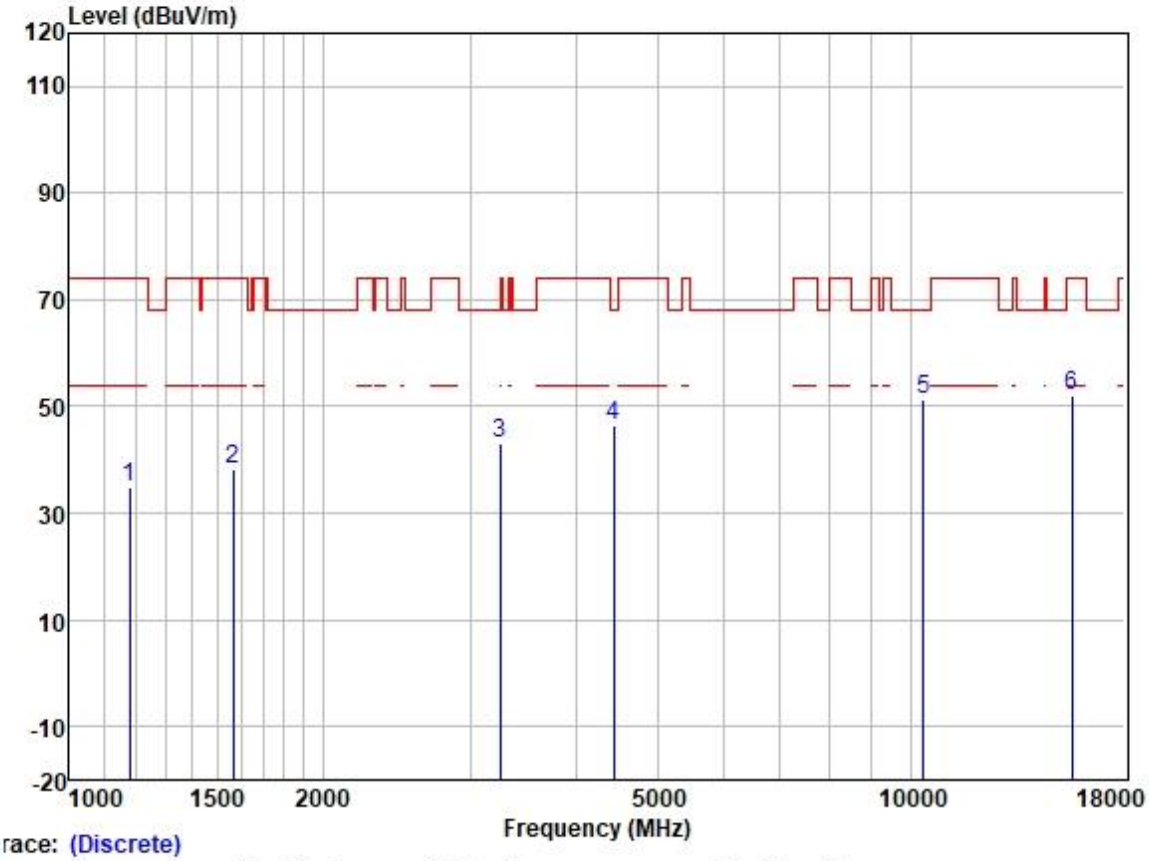
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	Freq	ReadLevel	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	1245.663	45.53	25.00	2.33	38.35	34.51	68.20	-33.69	HORIZONTAL	Peak
2	1611.091	47.82	25.59	2.80	37.98	38.23	74.00	-35.77	HORIZONTAL	Peak
3	3425.675	47.93	28.86	4.15	36.97	43.97	68.20	-24.23	HORIZONTAL	Peak
4	4181.768	48.70	30.12	4.60	36.80	46.62	74.00	-27.38	HORIZONTAL	Peak
5	10360.000	43.25	39.28	7.29	37.37	52.45	68.20	-15.75	HORIZONTAL	Peak
6	15540.000	38.42	39.05	9.88	35.39	51.96	74.00	-22.04	HORIZONTAL	Peak

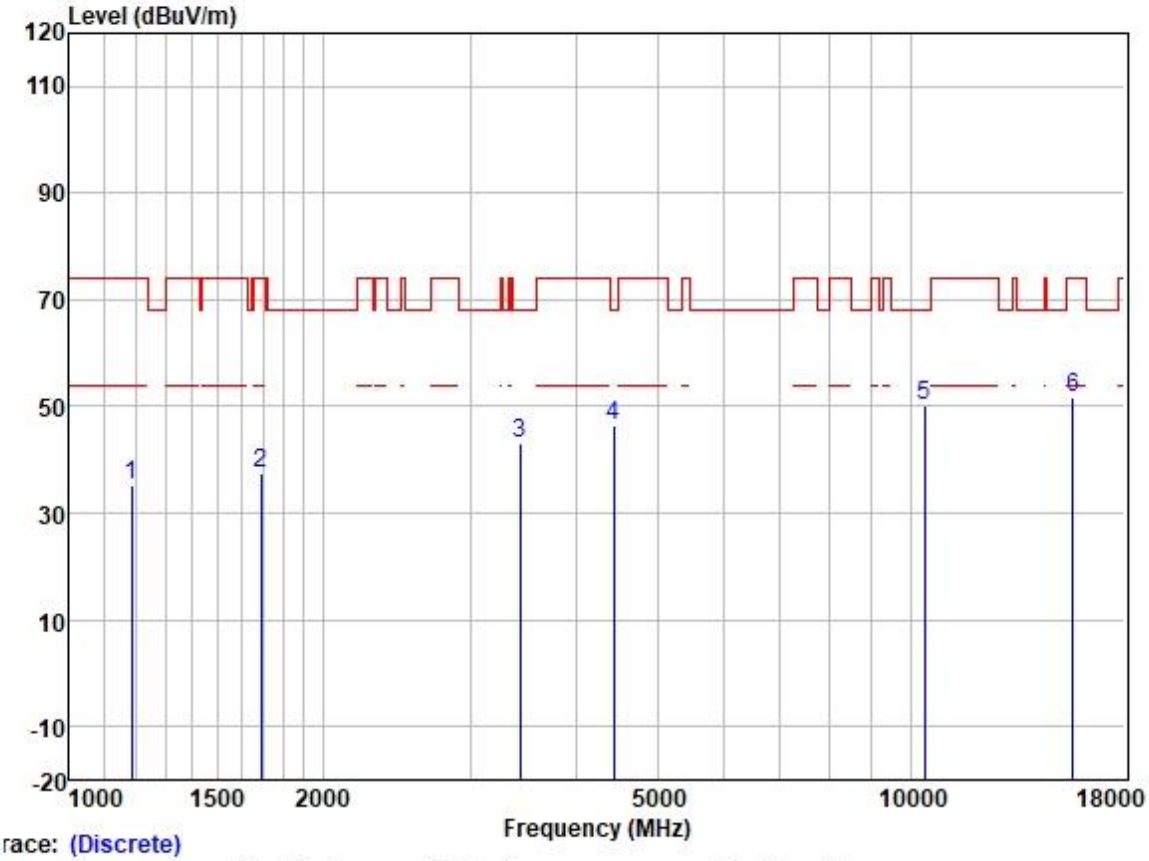
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1179.100	46.20	24.59	2.38	38.40	34.77	74.00	-39.23	VERTICAL	Peak
2	1565.191	48.02	25.55	2.80	38.00	38.37	74.00	-35.63	VERTICAL	Peak
3	3252.005	47.40	28.68	4.03	37.06	43.05	68.20	-25.15	VERTICAL	Peak
4	4443.453	47.55	30.73	4.83	36.81	46.30	68.20	-21.90	VERTICAL	Peak
5	10360.000	42.27	39.28	7.29	37.37	51.47	68.20	-16.73	VERTICAL	Peak
6	15540.000	38.44	39.05	9.88	35.39	51.98	74.00	-22.02	VERTICAL	Peak

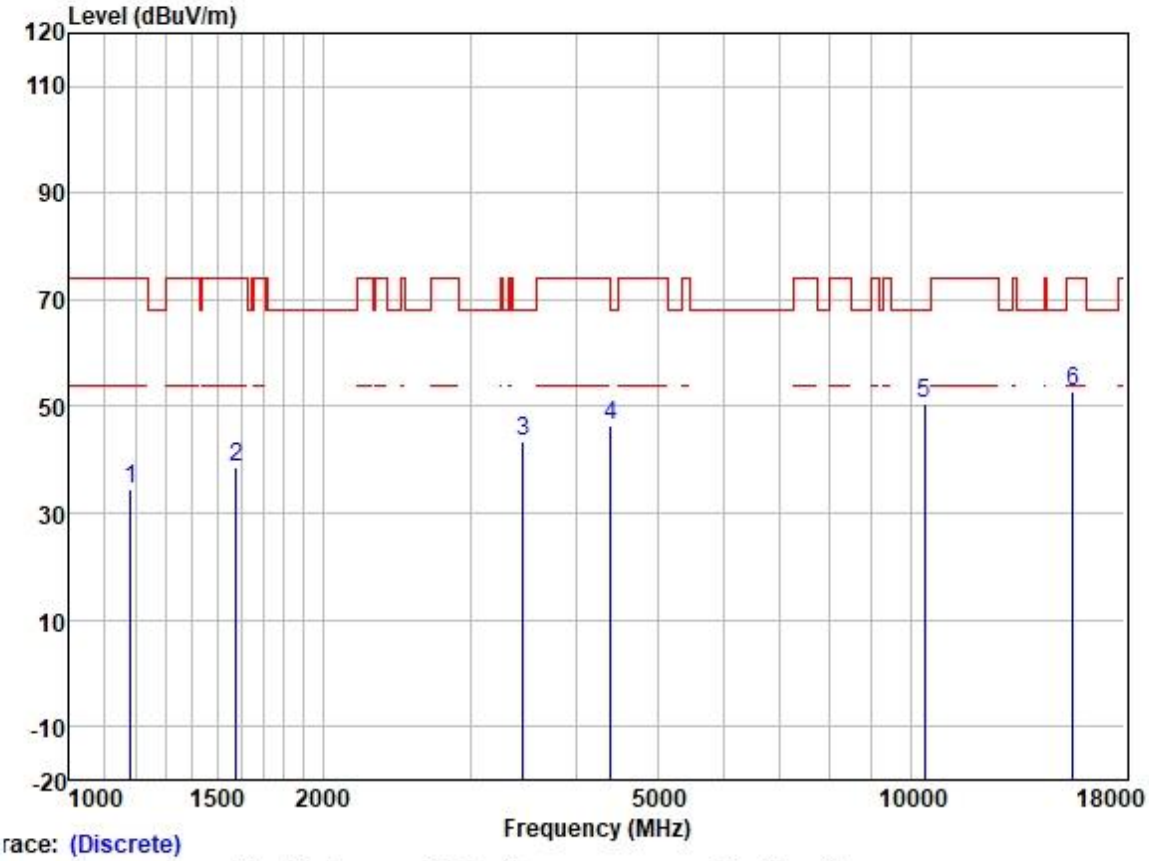
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1185.936	46.61	24.62	2.37	38.40	35.20	74.00	-38.80	HORIZONTAL	Peak
2	1692.231	46.92	25.70	2.80	37.89	37.53	74.00	-36.47	HORIZONTAL	Peak
3	3435.590	47.08	28.87	4.16	36.97	43.14	68.20	-25.06	HORIZONTAL	Peak
4	4443.453	47.61	30.73	4.83	36.81	46.36	68.20	-21.84	HORIZONTAL	Peak
5	10400.000	40.92	39.33	7.32	37.36	50.21	68.20	-17.99	HORIZONTAL	Peak
6	15600.000	38.10	38.99	9.88	35.39	51.58	74.00	-22.42	HORIZONTAL	Peak

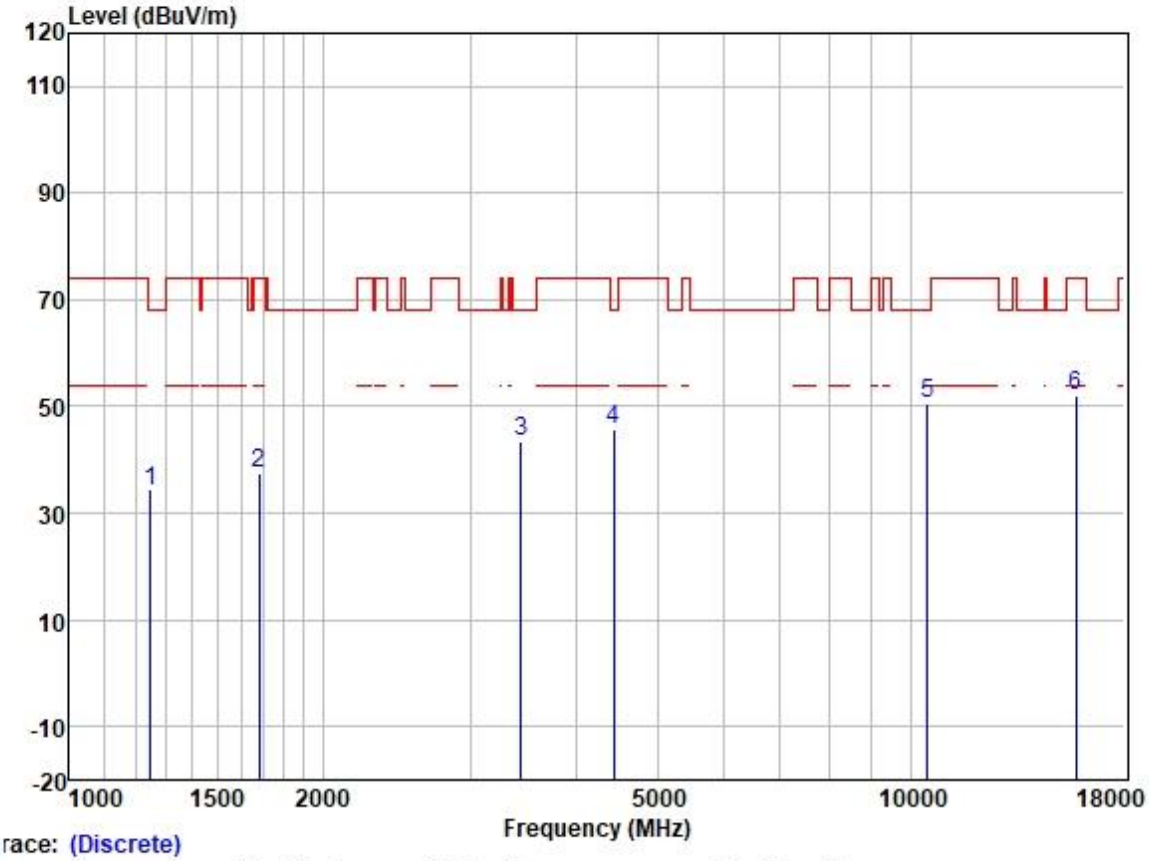
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1182.513	45.83	24.60	2.37	38.40	34.40	74.00	-39.60	VERTICAL	Peak
2	1578.822	48.14	25.56	2.80	38.00	38.50	74.00	-35.50	VERTICAL	Peak
3	3465.510	47.15	28.88	4.22	36.95	43.30	68.20	-24.90	VERTICAL	Peak
4	4405.090	47.73	30.68	4.70	36.81	46.30	68.20	-21.90	VERTICAL	Peak
5	10400.000	41.42	39.33	7.32	37.36	50.71	68.20	-17.49	VERTICAL	Peak
6	15600.000	39.30	38.99	9.88	35.39	52.78	74.00	-21.22	VERTICAL	Peak

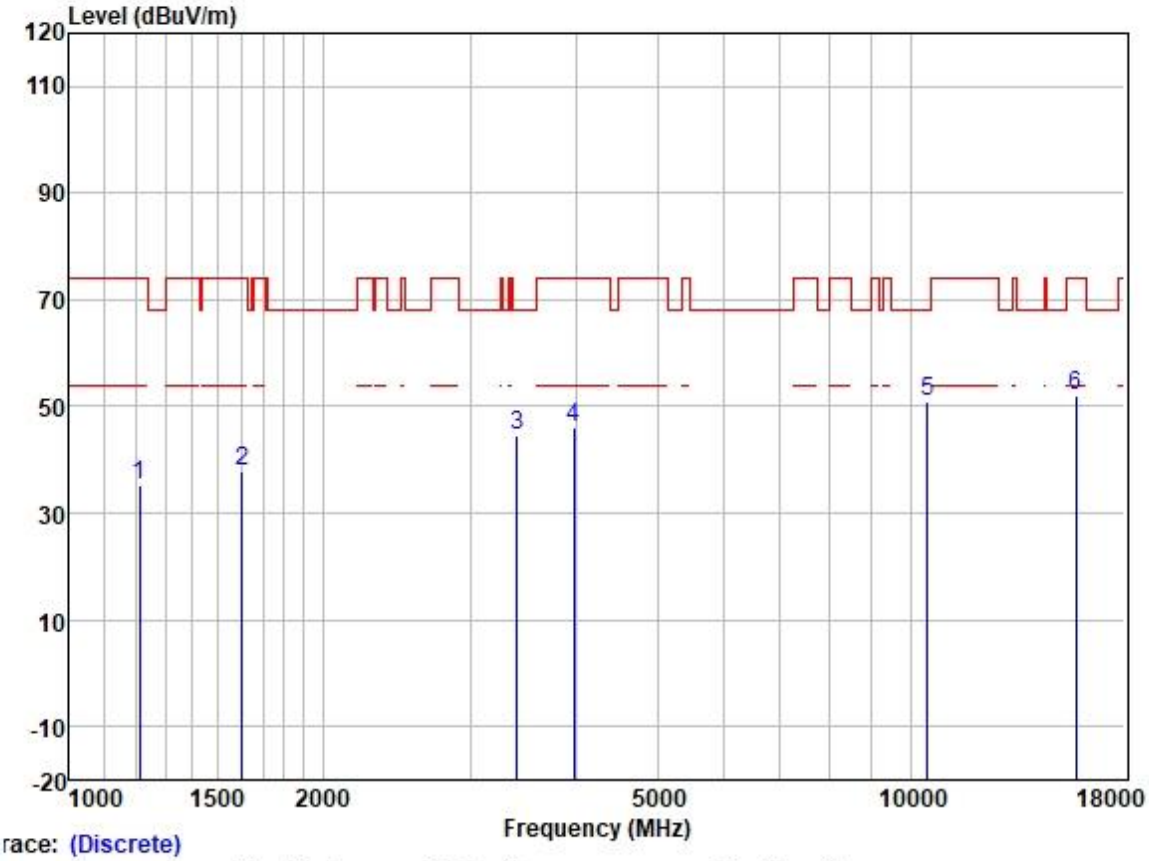
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1249.269	45.31	25.02	2.34	38.35	34.32	68.20	-33.88	HORIZONTAL	Peak
2	1682.477	47.01	25.68	2.80	37.91	37.58	74.00	-36.42	HORIZONTAL	Peak
3	3445.535	47.51	28.87	4.18	36.96	43.60	68.20	-24.60	HORIZONTAL	Peak
4	4443.453	46.85	30.73	4.83	36.81	45.60	68.20	-22.60	HORIZONTAL	Peak
5	10480.000	41.08	39.46	7.40	37.36	50.58	68.20	-17.62	HORIZONTAL	Peak
6	15720.000	38.88	38.78	9.87	35.39	52.14	74.00	-21.86	HORIZONTAL	Peak

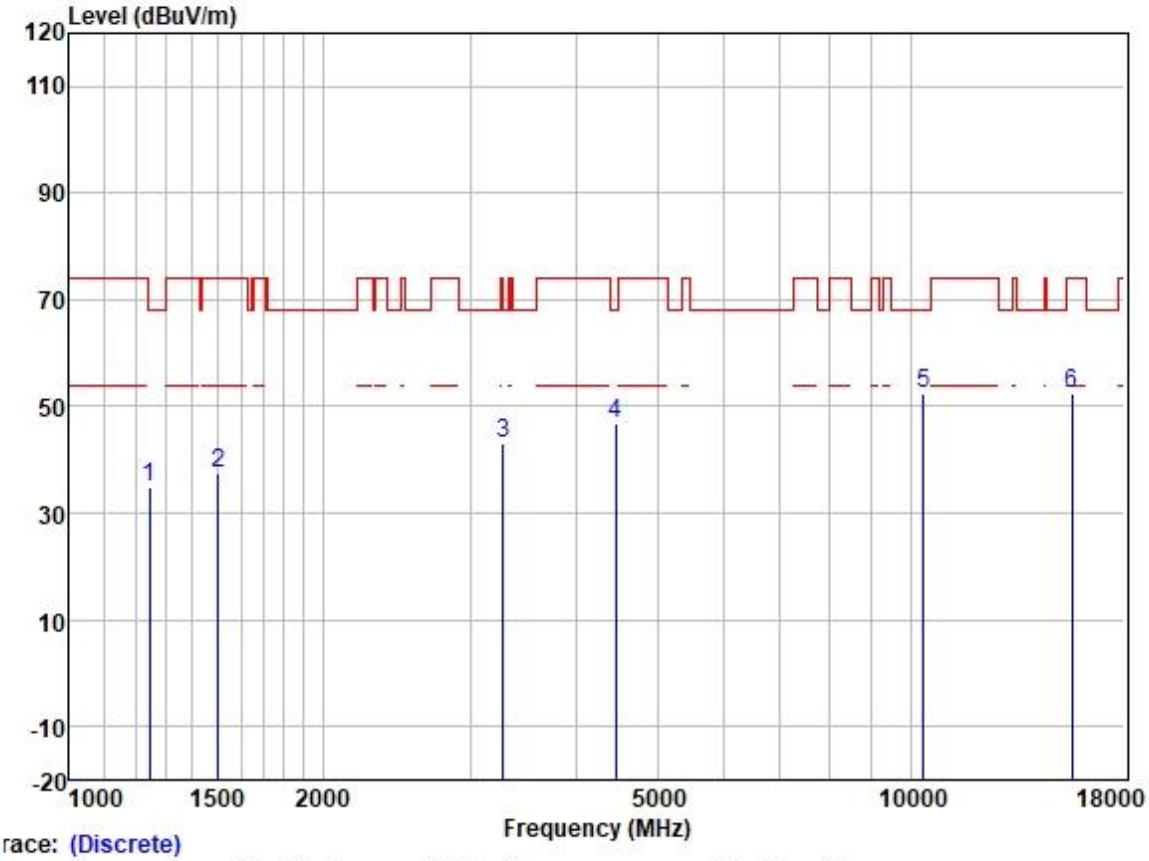
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Freq	ReadLevel	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	1210.174	46.42	24.74	2.33	38.39	35.10	74.00	-38.90	VERTICAL	Peak
2	1606.441	47.55	25.59	2.80	37.98	37.96	74.00	-36.04	VERTICAL	Peak
3	3405.929	48.54	28.85	4.11	36.98	44.52	68.20	-23.68	VERTICAL	Peak
4	3981.257	48.60	29.78	4.60	36.81	46.17	74.00	-27.83	VERTICAL	Peak
5	10480.000	41.31	39.46	7.40	37.36	50.81	68.20	-17.39	VERTICAL	Peak
6	15720.000	38.93	38.78	9.87	35.39	52.19	74.00	-21.81	VERTICAL	Peak

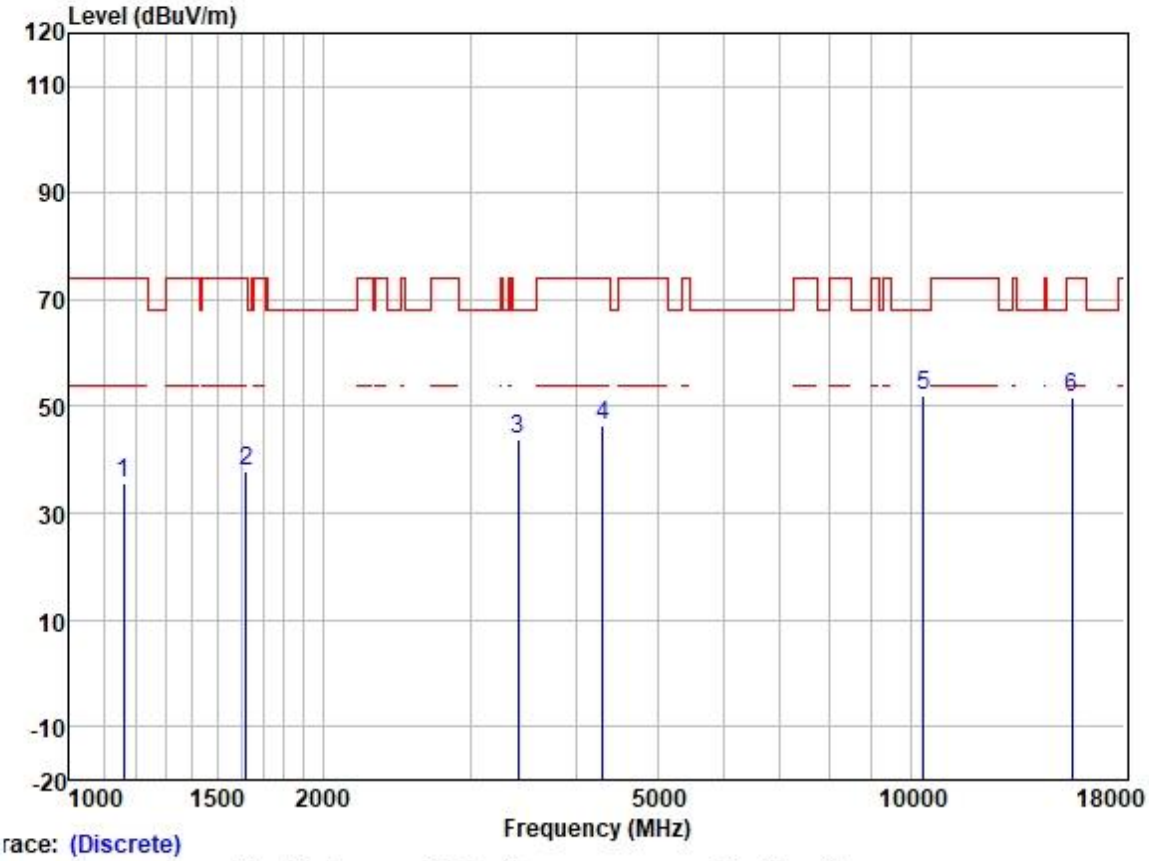
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1245.663	46.02	25.00	2.33	38.35	35.00	68.20	-33.20	HORIZONTAL	Peak
2	1503.119	47.46	25.50	2.80	38.10	37.66	74.00	-36.34	HORIZONTAL	Peak
3	3280.326	47.47	28.73	4.04	37.04	43.20	68.20	-25.00	HORIZONTAL	Peak
4	4456.315	47.88	30.75	4.88	36.81	46.70	68.20	-21.50	HORIZONTAL	Peak
5	10360.000	43.17	39.28	7.29	37.37	52.37	68.20	-15.83	HORIZONTAL	Peak
6	15540.000	38.96	39.05	9.88	35.39	52.50	74.00	-21.50	HORIZONTAL	Peak

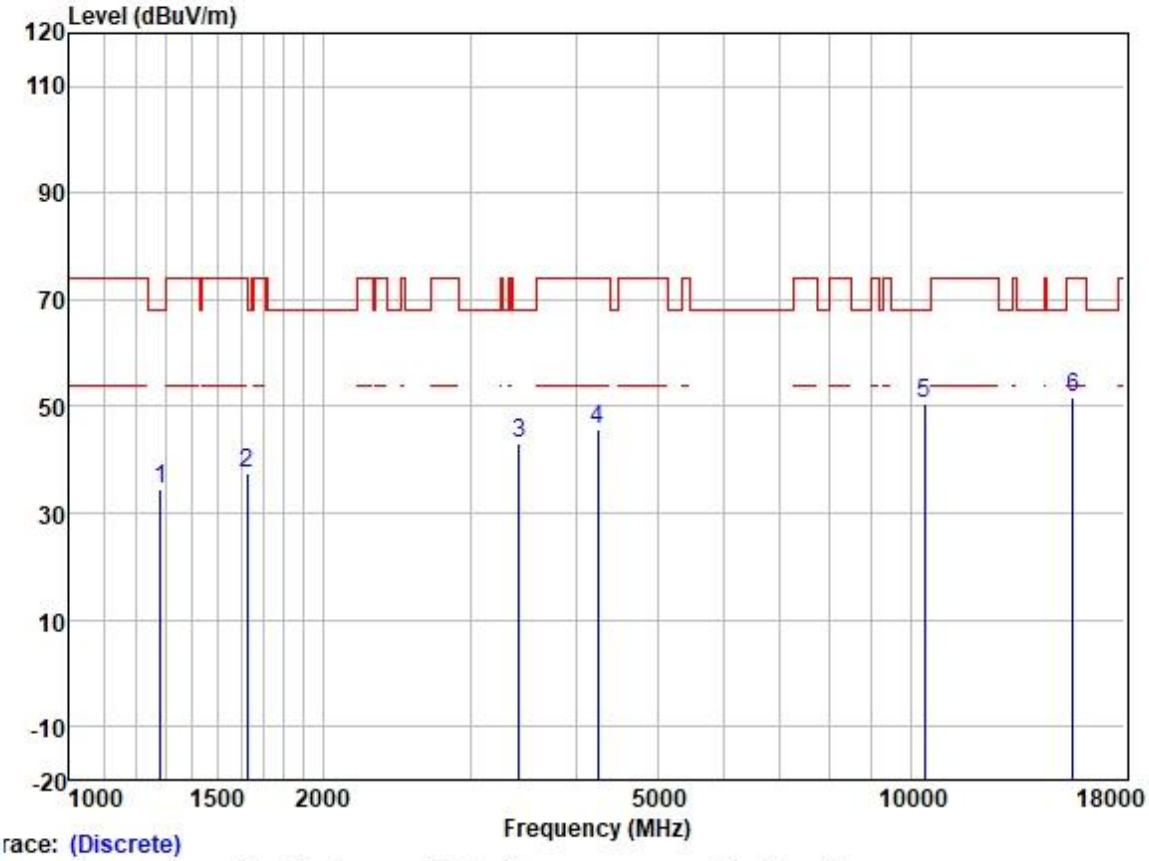
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1158.828	47.26	24.52	2.40	38.42	35.76	74.00	-38.24	VERTICAL	Peak
2	1620.431	47.29	25.60	2.80	37.95	37.74	74.00	-36.26	VERTICAL	Peak
3	3415.787	47.66	28.85	4.13	36.97	43.67	68.20	-24.53	VERTICAL	Peak
4	4304.400	48.20	30.48	4.65	36.81	46.52	74.00	-27.48	VERTICAL	Peak
5	10360.000	42.83	39.28	7.29	37.37	52.03	68.20	-16.17	VERTICAL	Peak
6	15540.000	38.15	39.05	9.88	35.39	51.69	74.00	-22.31	VERTICAL	Peak

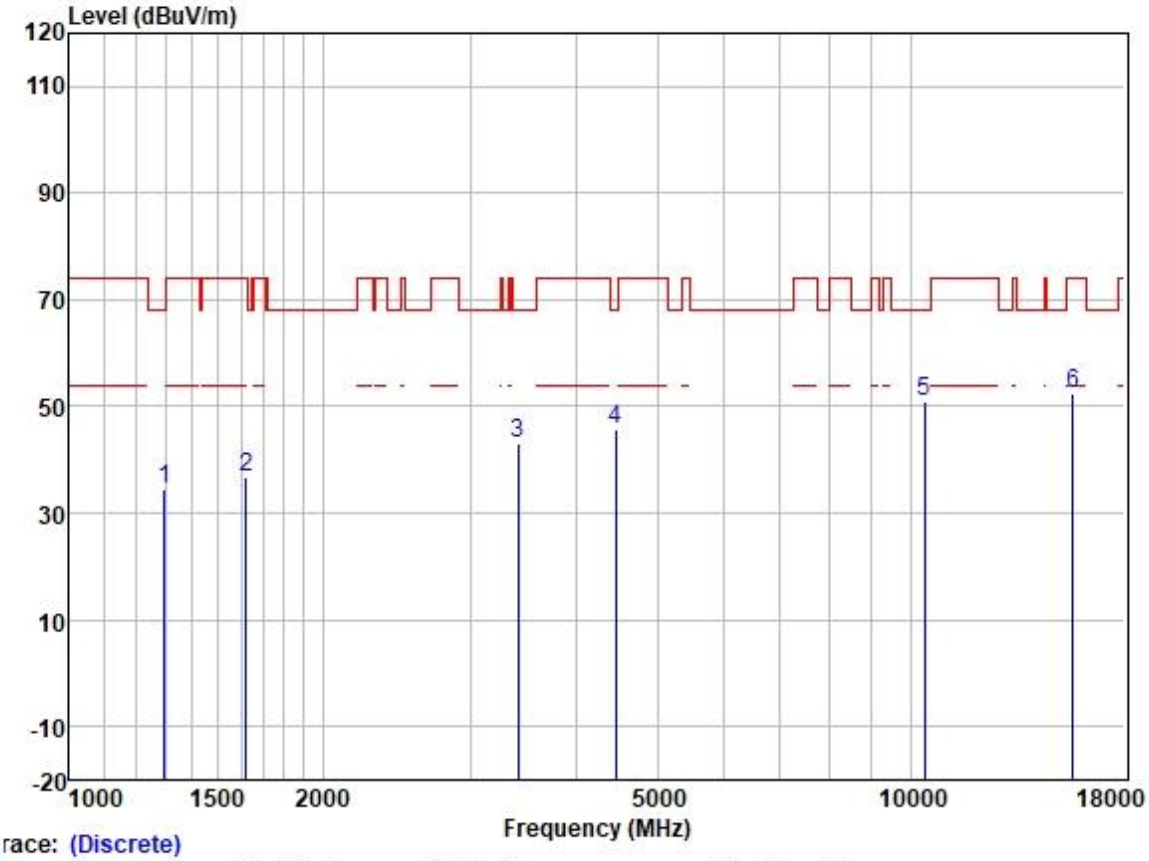
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1282.193	45.34	25.15	2.52	38.33	34.68	68.20	-33.52	HORIZONTAL	Peak
2	1625.121	47.13	25.61	2.80	37.95	37.59	74.00	-36.41	HORIZONTAL	Peak
3	3425.675	47.16	28.86	4.15	36.97	43.20	68.20	-25.00	HORIZONTAL	Peak
4	4242.641	47.71	30.30	4.62	36.81	45.82	74.00	-28.18	HORIZONTAL	Peak
5	10400.000	41.16	39.33	7.32	37.36	50.45	68.20	-17.75	HORIZONTAL	Peak
6	15600.000	38.37	38.99	9.88	35.39	51.85	74.00	-22.15	HORIZONTAL	Peak

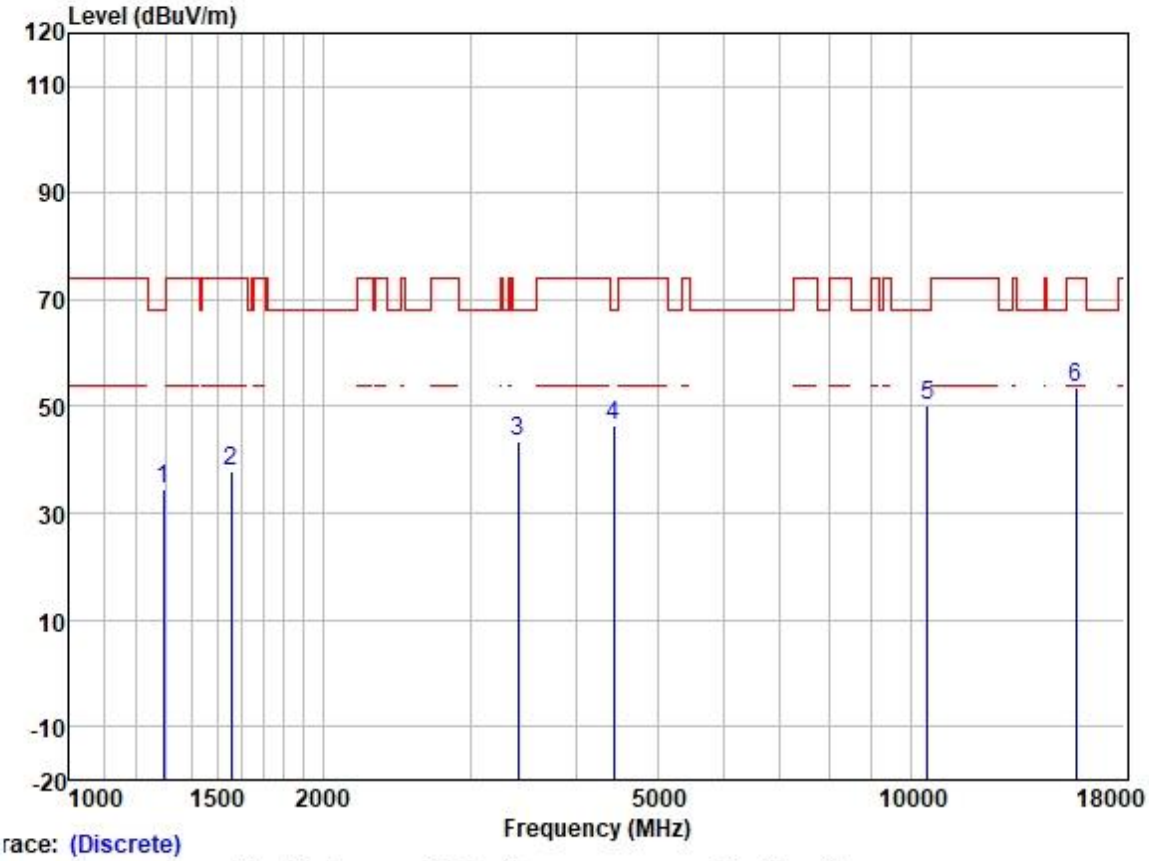
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1297.103	44.99	25.19	2.58	38.31	34.45	68.20	-33.75	VERTICAL	Peak
2	1620.431	46.46	25.60	2.80	37.95	36.91	74.00	-37.09	VERTICAL	Peak
3	3415.787	47.02	28.85	4.13	36.97	43.03	68.20	-25.17	VERTICAL	Peak
4	4456.315	46.99	30.75	4.88	36.81	45.81	68.20	-22.39	VERTICAL	Peak
5	10400.000	41.62	39.33	7.32	37.36	50.91	68.20	-17.29	VERTICAL	Peak
6	15600.000	39.05	38.99	9.88	35.39	52.53	74.00	-21.47	VERTICAL	Peak

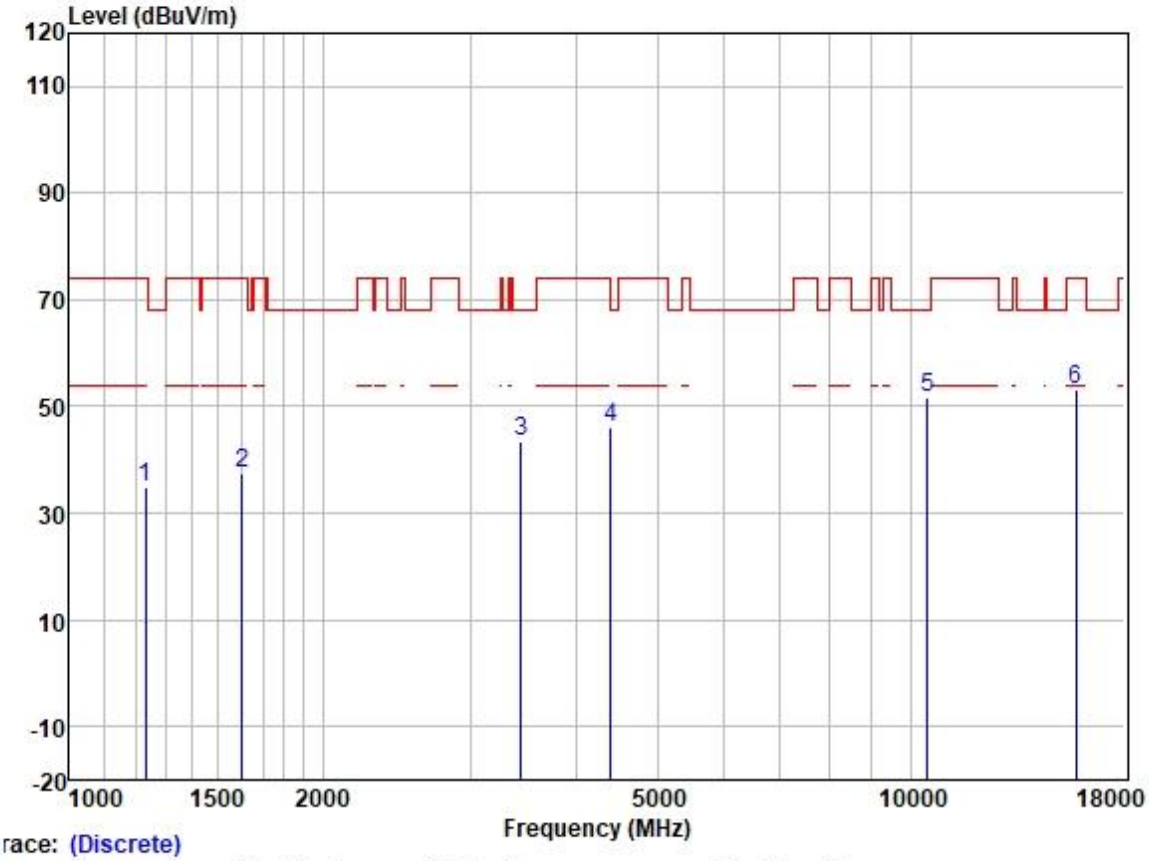
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1293.359	45.25	25.18	2.57	38.31	34.69	68.20	-33.51	HORIZONTAL	Peak
2	1556.169	47.60	25.54	2.80	38.03	37.91	74.00	-36.09	HORIZONTAL	Peak
3	3415.787	47.46	28.85	4.13	36.97	43.47	68.20	-24.73	HORIZONTAL	Peak
4	4443.453	47.75	30.73	4.83	36.81	46.50	68.20	-21.70	HORIZONTAL	Peak
5	10480.000	40.85	39.46	7.40	37.36	50.35	68.20	-17.85	HORIZONTAL	Peak
6	15720.000	40.42	38.78	9.87	35.39	53.68	74.00	-20.32	HORIZONTAL	Peak

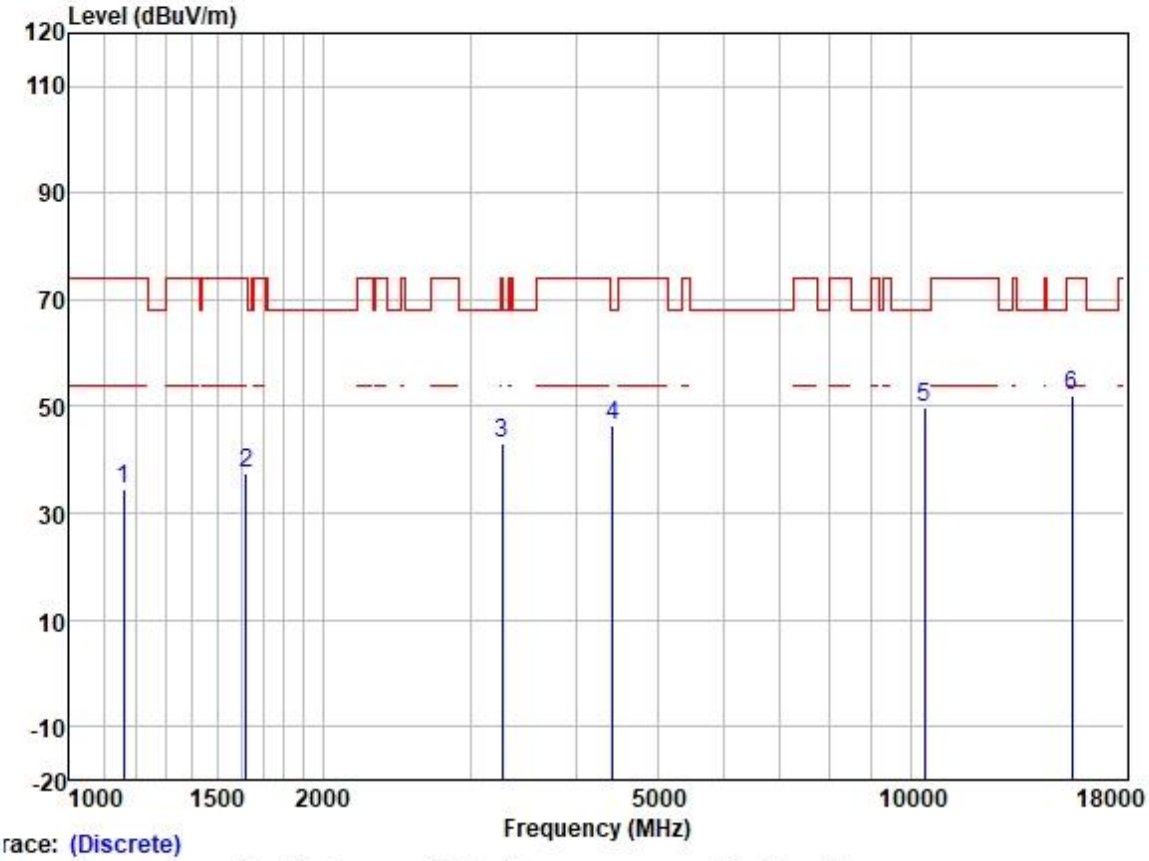
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1231.345	45.91	24.91	2.31	38.37	34.76	74.00	-39.24	VERTICAL	Peak
2	1606.441	47.15	25.59	2.80	37.98	37.56	74.00	-36.44	VERTICAL	Peak
3	3445.535	47.23	28.87	4.18	36.96	43.32	68.20	-24.88	VERTICAL	Peak
4	4405.090	47.36	30.68	4.70	36.81	45.93	68.20	-22.27	VERTICAL	Peak
5	10480.000	42.26	39.46	7.40	37.36	51.76	68.20	-16.44	VERTICAL	Peak
6	15720.000	39.88	38.78	9.87	35.39	53.14	74.00	-20.86	VERTICAL	Peak

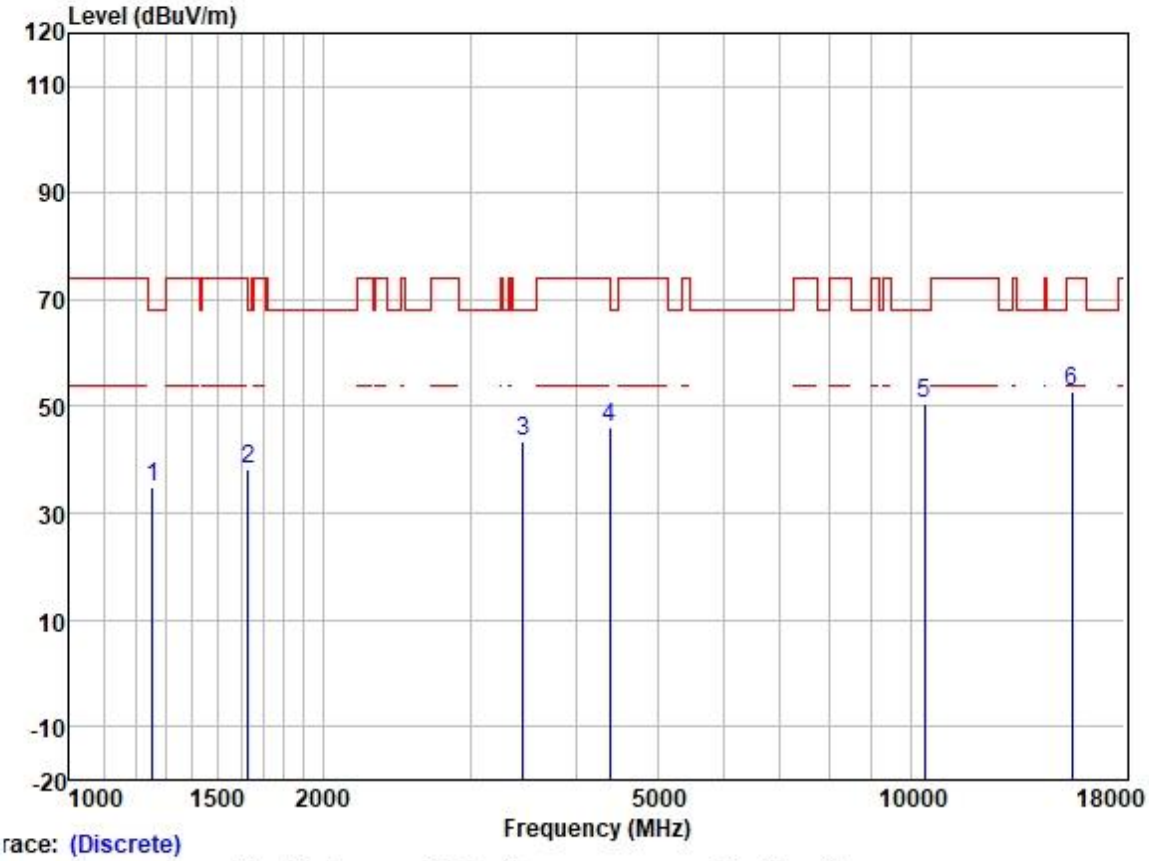
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1158.828	45.92	24.52	2.40	38.42	34.42	74.00	-39.58	HORIZONTAL	Peak
2	1620.431	47.10	25.60	2.80	37.95	37.55	74.00	-36.45	HORIZONTAL	Peak
3	3270.858	47.32	28.71	4.04	37.04	43.03	68.20	-25.17	HORIZONTAL	Peak
4	4430.628	47.89	30.72	4.78	36.81	46.58	68.20	-21.62	HORIZONTAL	Peak
5	10380.000	40.71	39.33	7.32	37.37	49.99	68.20	-18.21	HORIZONTAL	Peak
6	15570.000	38.62	38.99	9.88	35.39	52.10	74.00	-21.90	HORIZONTAL	Peak

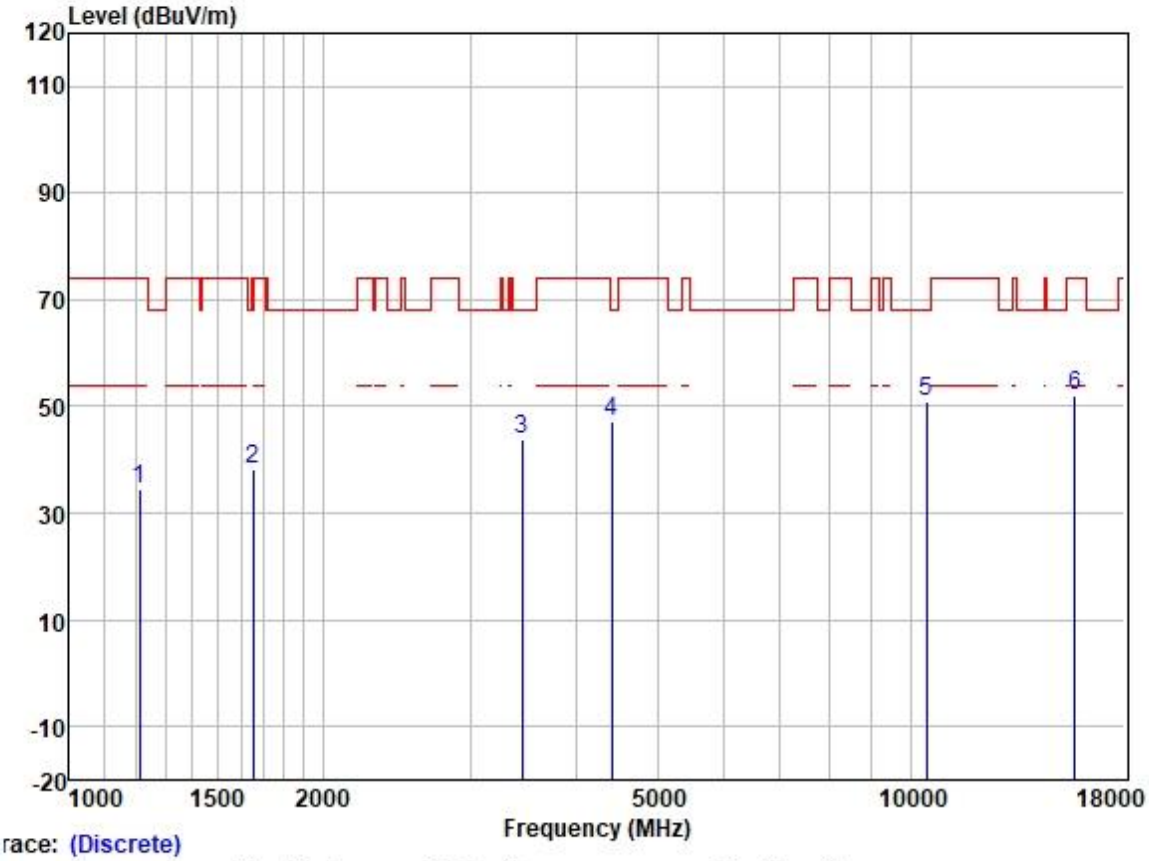
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1256.512	45.87	25.05	2.38	38.35	34.95	68.20	-33.25	VERTICAL	Peak
2	1629.825	47.74	25.61	2.80	37.95	38.20	68.20	-30.00	VERTICAL	Peak
3	3465.510	47.25	28.88	4.22	36.95	43.40	68.20	-24.80	VERTICAL	Peak
4	4392.376	47.67	30.66	4.70	36.81	46.22	74.00	-27.78	VERTICAL	Peak
5	10380.000	41.14	39.33	7.32	37.37	50.42	68.20	-17.78	VERTICAL	Peak
6	15570.000	39.48	38.99	9.88	35.39	52.96	74.00	-21.04	VERTICAL	Peak

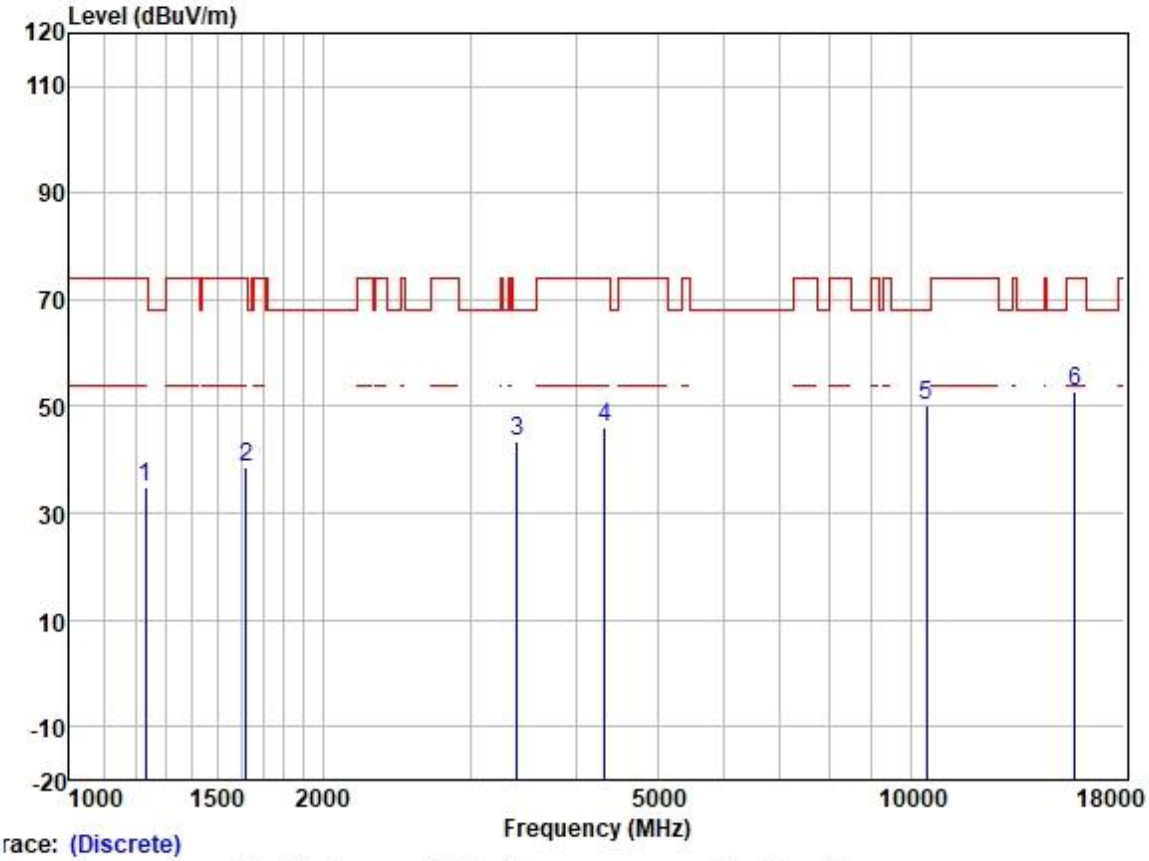
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1210.174	45.95	24.74	2.33	38.39	34.63	74.00	-39.37	HORIZONTAL	Peak
2	1653.550	47.56	25.64	2.80	37.93	38.07	68.20	-30.13	HORIZONTAL	Peak
3	3455.508	47.79	28.88	4.20	36.96	43.91	68.20	-24.29	HORIZONTAL	Peak
4	4417.841	48.41	30.70	4.74	36.81	47.04	68.20	-21.16	HORIZONTAL	Peak
5	10460.000	41.39	39.42	7.37	37.36	50.82	68.20	-17.38	HORIZONTAL	Peak
6	15690.000	38.54	38.86	9.87	35.39	51.88	74.00	-22.12	HORIZONTAL	Peak

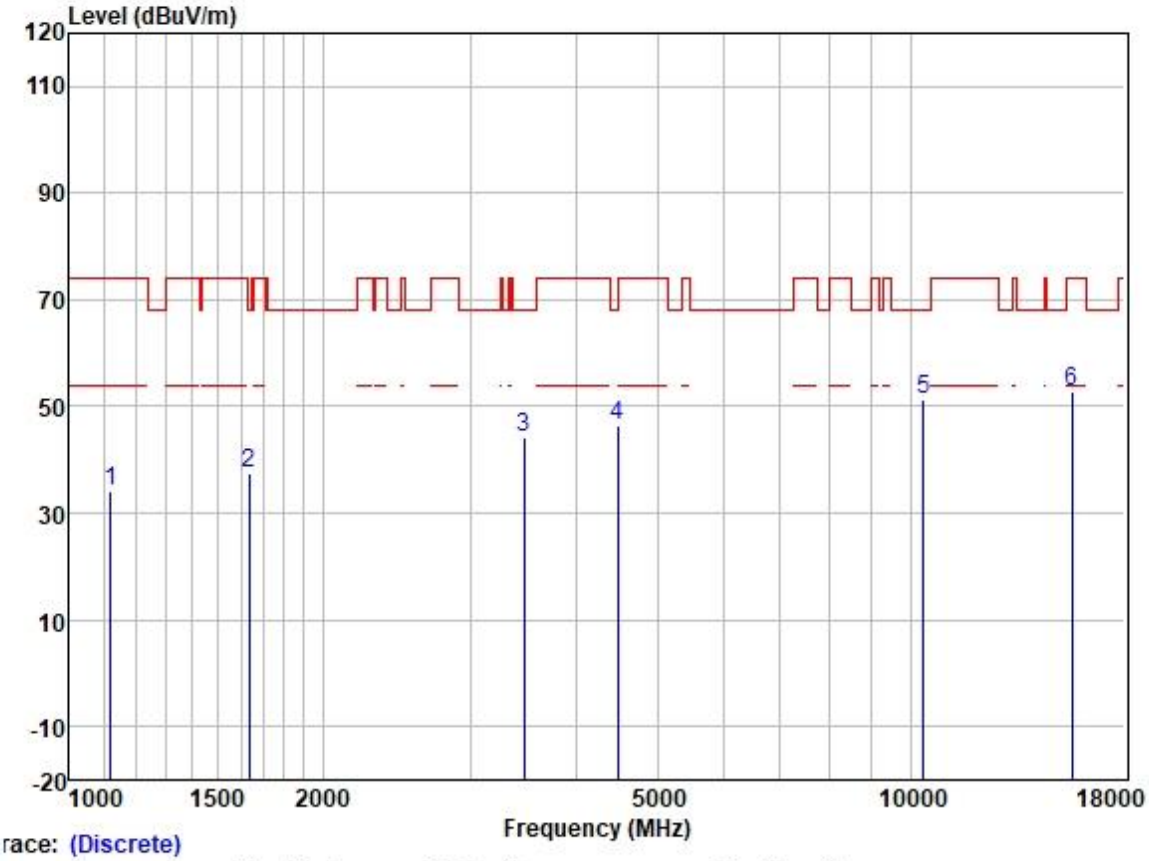
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	Freq	ReadLevel	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	1231.345	46.06	24.91	2.31	38.37	34.91	74.00	-39.09	VERTICAL	Peak
2	1620.431	48.03	25.60	2.80	37.95	38.48	74.00	-35.52	VERTICAL	Peak
3	3405.929	47.60	28.85	4.11	36.98	43.58	68.20	-24.62	VERTICAL	Peak
4	4329.354	47.62	30.54	4.67	36.81	46.02	74.00	-27.98	VERTICAL	Peak
5	10460.000	40.68	39.42	7.37	37.36	50.11	68.20	-18.09	VERTICAL	Peak
6	15690.000	39.28	38.86	9.87	35.39	52.62	74.00	-21.38	VERTICAL	Peak

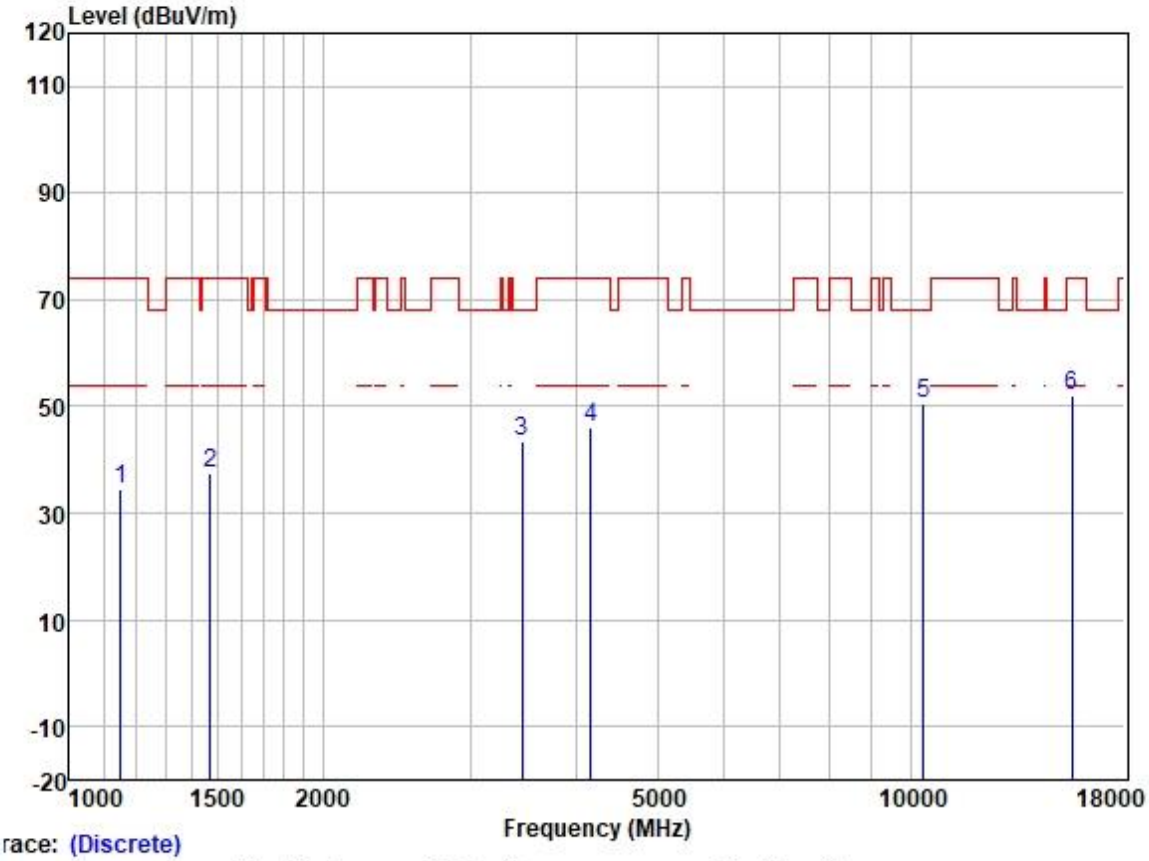
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1119.323	45.97	24.41	2.24	38.43	34.19	74.00	-39.81	HORIZONTAL	Peak
2	1634.543	47.09	25.62	2.80	37.95	37.56	68.20	-30.64	HORIZONTAL	Peak
3	3475.541	47.89	28.89	4.25	36.95	44.08	68.20	-24.12	HORIZONTAL	Peak
4	4482.150	47.62	30.78	4.99	36.81	46.58	68.20	-21.62	HORIZONTAL	Peak
5	10360.000	41.95	39.28	7.29	37.37	51.15	68.20	-17.05	HORIZONTAL	Peak
6	15540.000	39.33	39.05	9.88	35.39	52.87	74.00	-21.13	HORIZONTAL	Peak

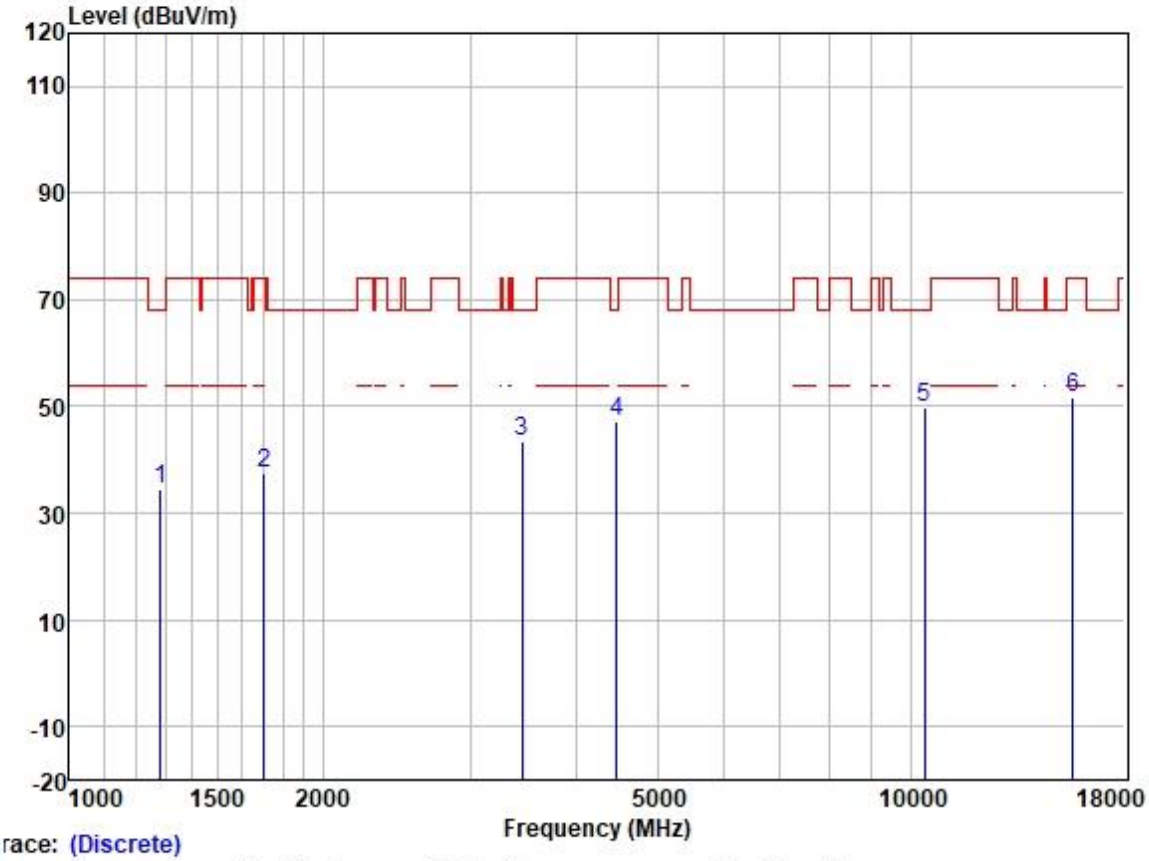
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1152.148	45.96	24.50	2.36	38.42	34.40	74.00	-39.60	VERTICAL	Peak
2	1468.761	47.51	25.47	2.75	38.13	37.60	74.00	-36.40	VERTICAL	Peak
3	3455.508	47.22	28.88	4.20	36.96	43.34	68.20	-24.86	VERTICAL	Peak
4	4169.698	48.04	30.09	4.60	36.80	45.93	74.00	-28.07	VERTICAL	Peak
5	10360.000	41.52	39.28	7.29	37.37	50.72	68.20	-17.48	VERTICAL	Peak
6	15540.000	38.69	39.05	9.88	35.39	52.23	74.00	-21.77	VERTICAL	Peak

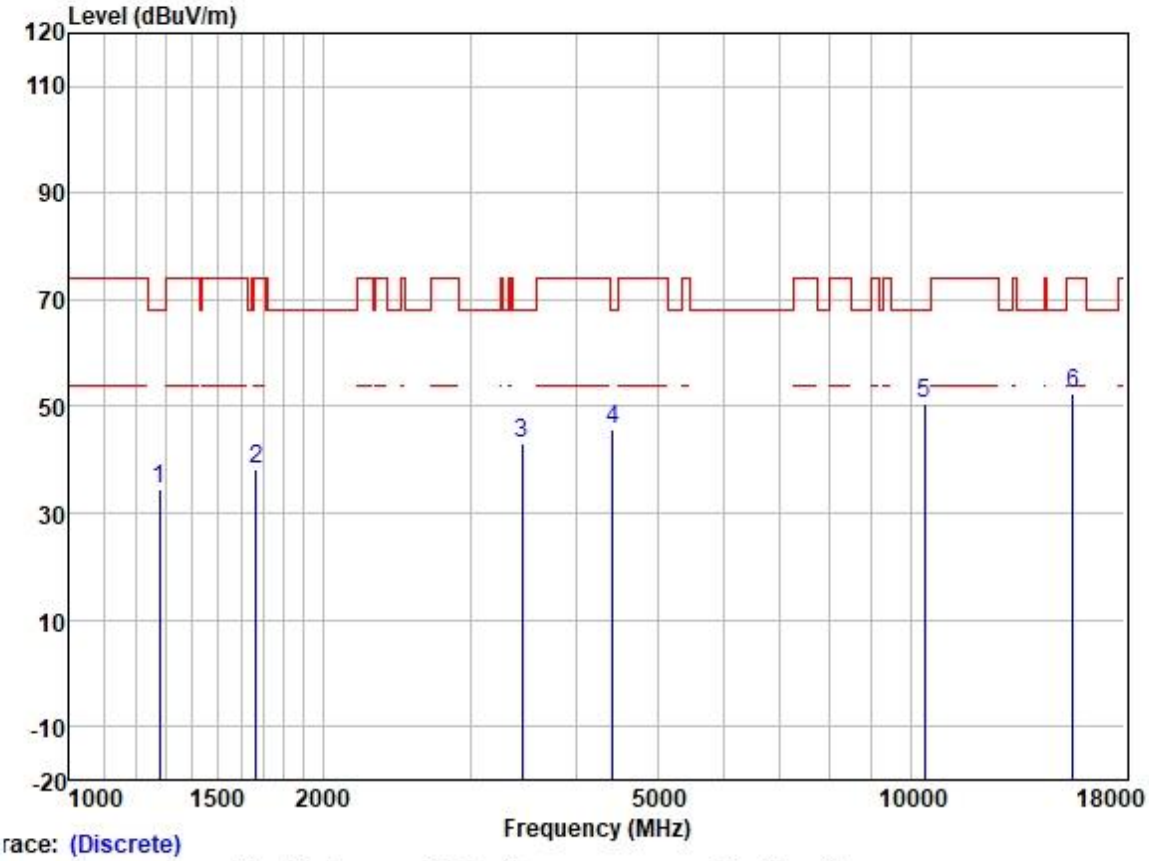
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1282.193	45.26	25.15	2.52	38.33	34.60	68.20	-33.60	HORIZONTAL	Peak
2	1702.042	46.71	25.72	2.80	37.89	37.34	74.00	-36.66	HORIZONTAL	Peak
3	3455.508	47.33	28.88	4.20	36.96	43.45	68.20	-24.75	HORIZONTAL	Peak
4	4469.214	48.49	30.77	4.93	36.81	47.38	68.20	-20.82	HORIZONTAL	Peak
5	10400.000	40.43	39.33	7.32	37.36	49.72	68.20	-18.48	HORIZONTAL	Peak
6	15600.000	38.28	38.99	9.88	35.39	51.76	74.00	-22.24	HORIZONTAL	Peak

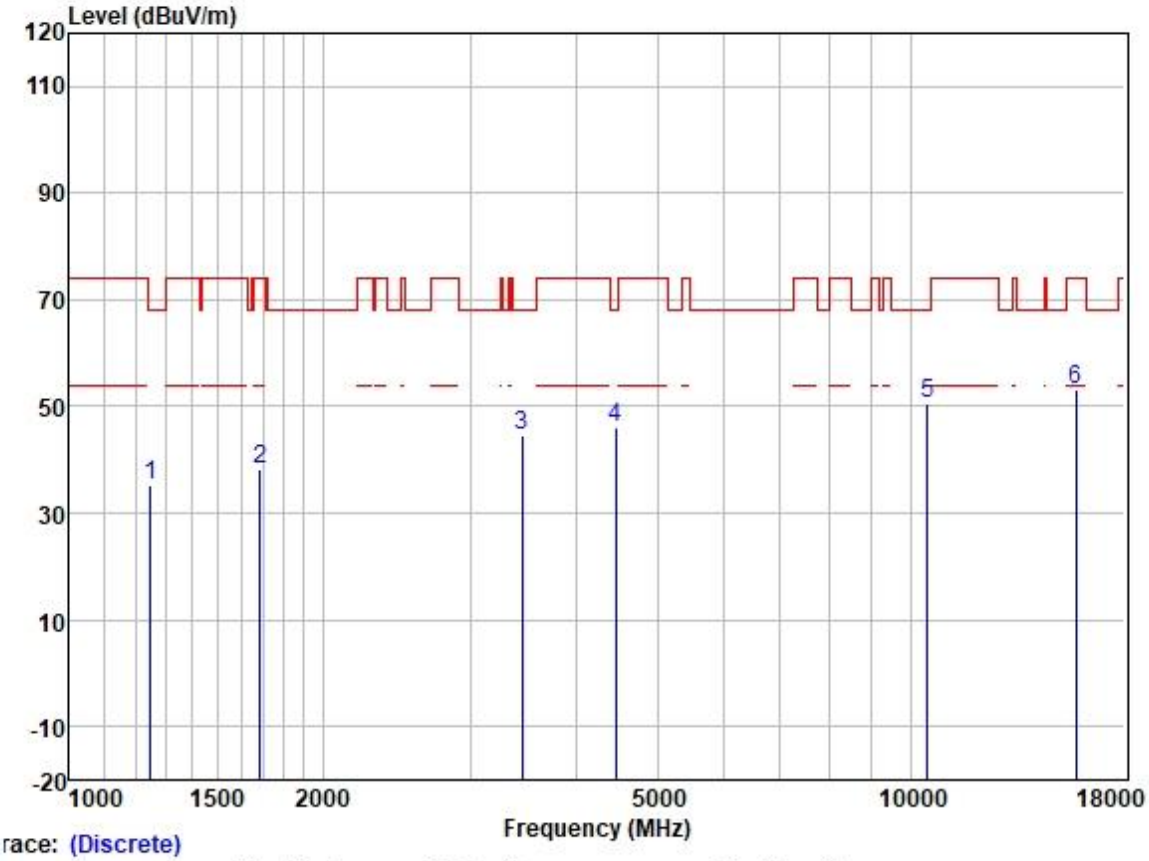
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1278.492	45.33	25.14	2.50	38.33	34.64	68.20	-33.56	VERTICAL	Peak
2	1667.951	47.74	25.66	2.80	37.91	38.29	74.00	-35.71	VERTICAL	Peak
3	3455.508	47.07	28.88	4.20	36.96	43.19	68.20	-25.01	VERTICAL	Peak
4	4430.628	47.05	30.72	4.78	36.81	45.74	68.20	-22.46	VERTICAL	Peak
5	10400.000	41.17	39.33	7.32	37.36	50.46	68.20	-17.74	VERTICAL	Peak
6	15600.000	38.99	38.99	9.88	35.39	52.47	74.00	-21.53	VERTICAL	Peak

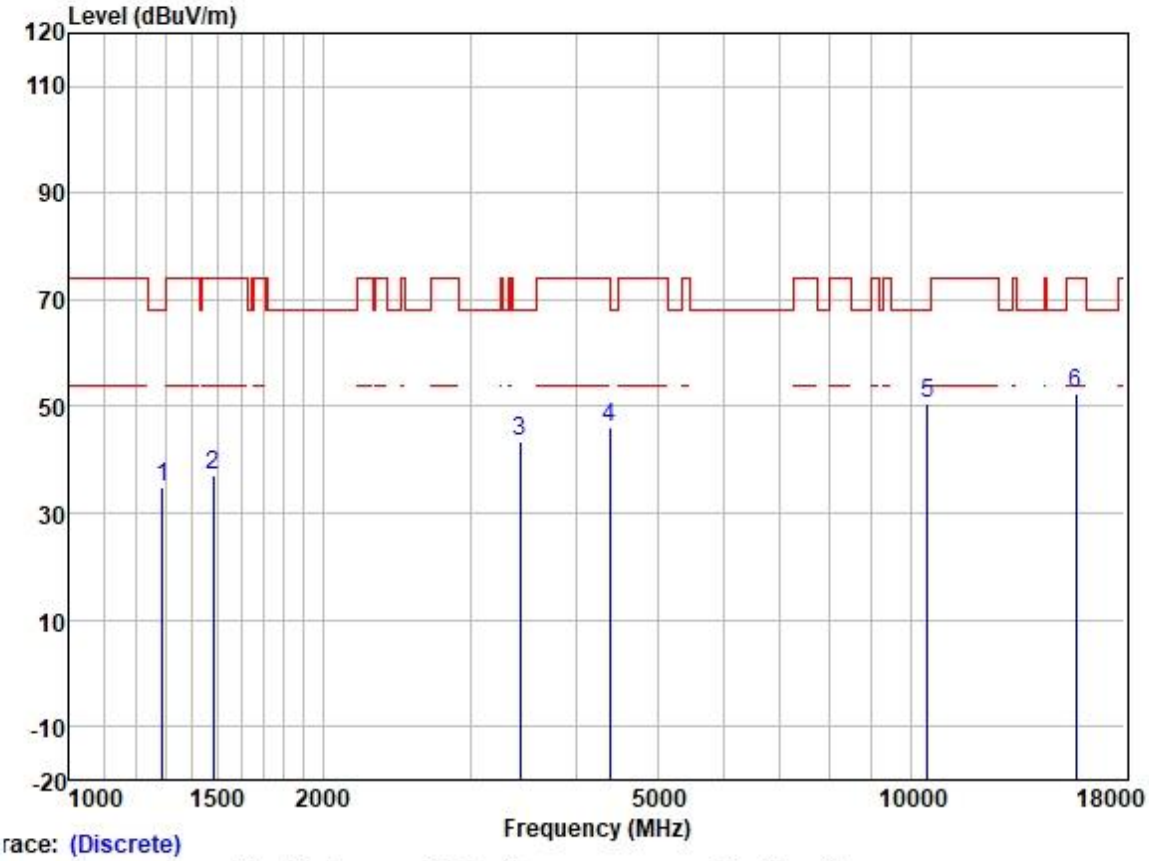
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1249.269	46.24	25.02	2.34	38.35	35.25	68.20	-32.95	HORIZONTAL	Peak
2	1687.347	47.71	25.69	2.80	37.91	38.29	74.00	-35.71	HORIZONTAL	Peak
3	3455.508	48.43	28.88	4.20	36.96	44.55	68.20	-23.65	HORIZONTAL	Peak
4	4456.315	47.17	30.75	4.88	36.81	45.99	68.20	-22.21	HORIZONTAL	Peak
5	10480.000	41.06	39.46	7.40	37.36	50.56	68.20	-17.64	HORIZONTAL	Peak
6	15720.000	39.80	38.78	9.87	35.39	53.06	74.00	-20.94	HORIZONTAL	Peak

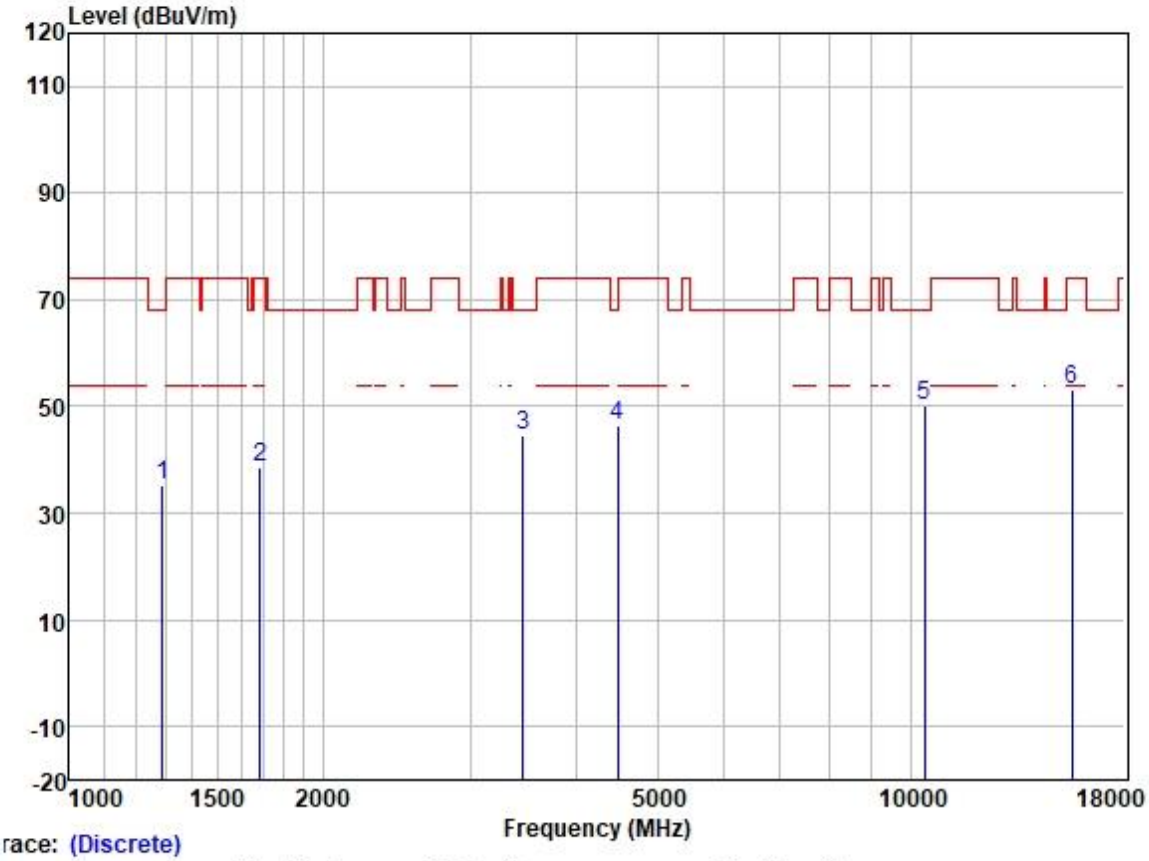
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1289.627	45.35	25.17	2.55	38.31	34.76	68.20	-33.44	VERTICAL	Peak
2	1481.553	46.94	25.48	2.77	38.13	37.06	74.00	-36.94	VERTICAL	Peak
3	3435.590	47.52	28.87	4.16	36.97	43.58	68.20	-24.62	VERTICAL	Peak
4	4392.376	47.70	30.66	4.70	36.81	46.25	74.00	-27.75	VERTICAL	Peak
5	10480.000	41.05	39.46	7.40	37.36	50.55	68.20	-17.65	VERTICAL	Peak
6	15720.000	39.06	38.78	9.87	35.39	52.32	74.00	-21.68	VERTICAL	Peak

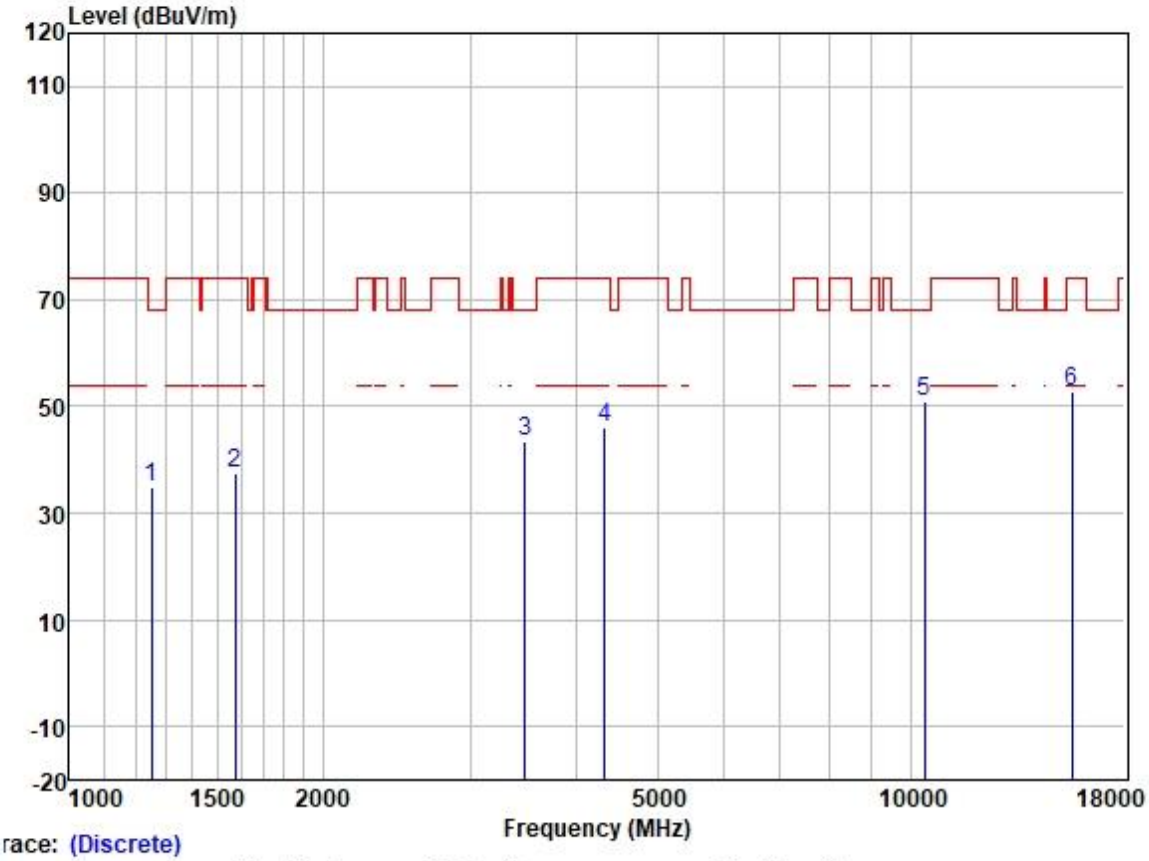
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1289.627	45.88	25.17	2.55	38.31	35.29	68.20	-32.91	HORIZONTAL	Peak
2	1687.347	48.10	25.69	2.80	37.91	38.68	74.00	-35.32	HORIZONTAL	Peak
3	3465.510	48.30	28.88	4.22	36.95	44.45	68.20	-23.75	HORIZONTAL	Peak
4	4482.150	47.56	30.78	4.99	36.81	46.52	68.20	-21.68	HORIZONTAL	Peak
5	10380.000	41.00	39.33	7.32	37.37	50.28	68.20	-17.92	HORIZONTAL	Peak
6	15570.000	39.62	38.99	9.88	35.39	53.10	74.00	-20.90	HORIZONTAL	Peak

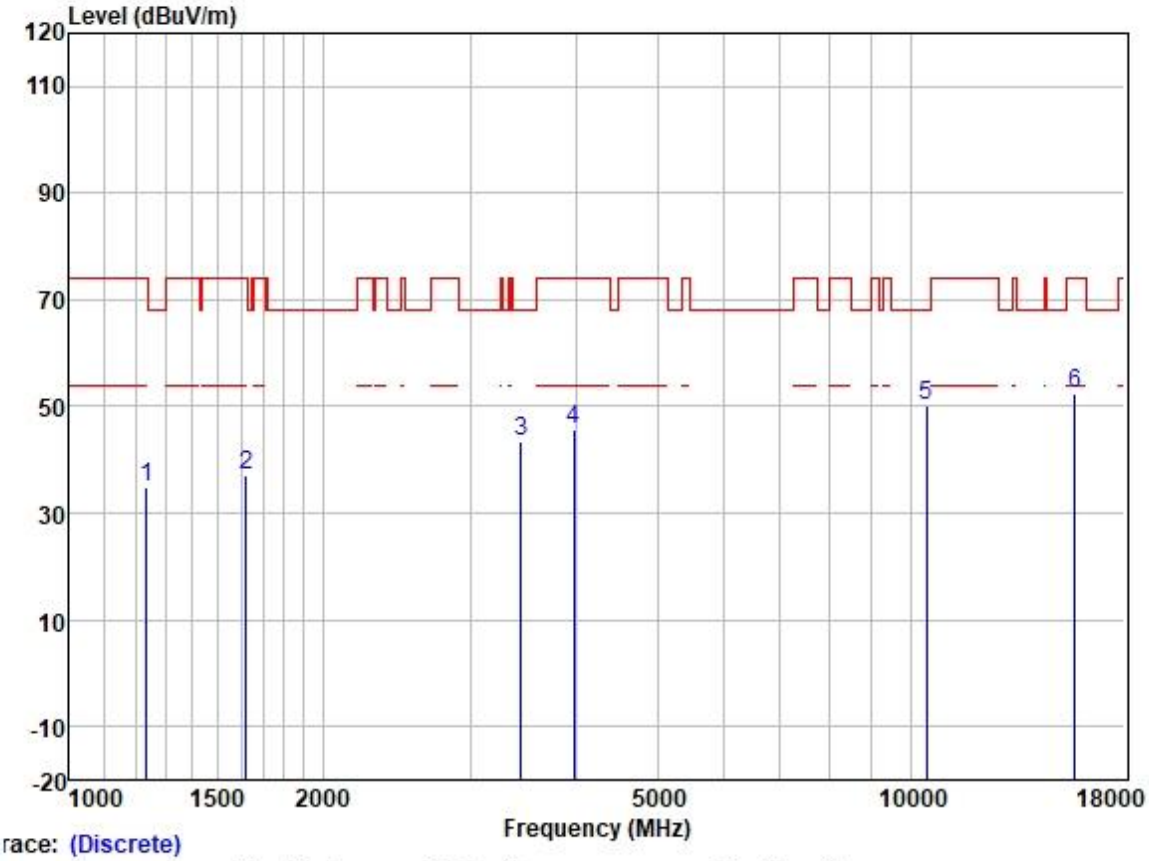
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1252.885	45.66	25.03	2.36	38.35	34.70	68.20	-33.50	VERTICAL	Peak
2	1574.265	47.28	25.56	2.80	38.00	37.64	74.00	-36.36	VERTICAL	Peak
3	3485.601	47.37	28.89	4.27	36.95	43.58	68.20	-24.62	VERTICAL	Peak
4	4329.354	47.74	30.54	4.67	36.81	46.14	74.00	-27.86	VERTICAL	Peak
5	10380.000	41.56	39.33	7.32	37.37	50.84	68.20	-17.36	VERTICAL	Peak
6	15570.000	39.19	38.99	9.88	35.39	52.67	74.00	-21.33	VERTICAL	Peak

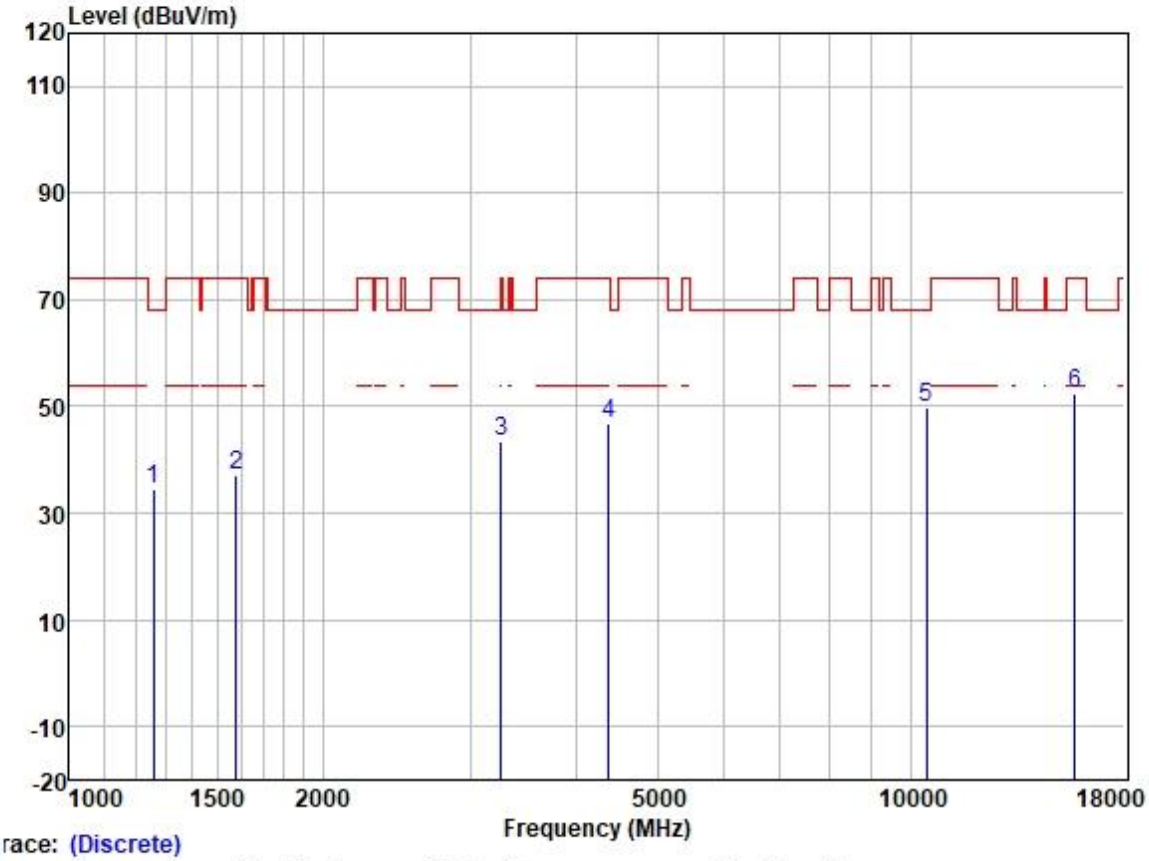
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1234.909	46.15	24.93	2.30	38.37	35.01	74.00	-38.99	HORIZONTAL	Peak
2	1620.431	46.67	25.60	2.80	37.95	37.12	74.00	-36.88	HORIZONTAL	Peak
3	3445.535	47.38	28.87	4.18	36.96	43.47	68.20	-24.73	HORIZONTAL	Peak
4	3981.257	48.23	29.78	4.60	36.81	45.80	74.00	-28.20	HORIZONTAL	Peak
5	10460.000	40.73	39.42	7.37	37.36	50.16	68.20	-18.04	HORIZONTAL	Peak
6	15690.000	39.03	38.86	9.87	35.39	52.37	74.00	-21.63	HORIZONTAL	Peak

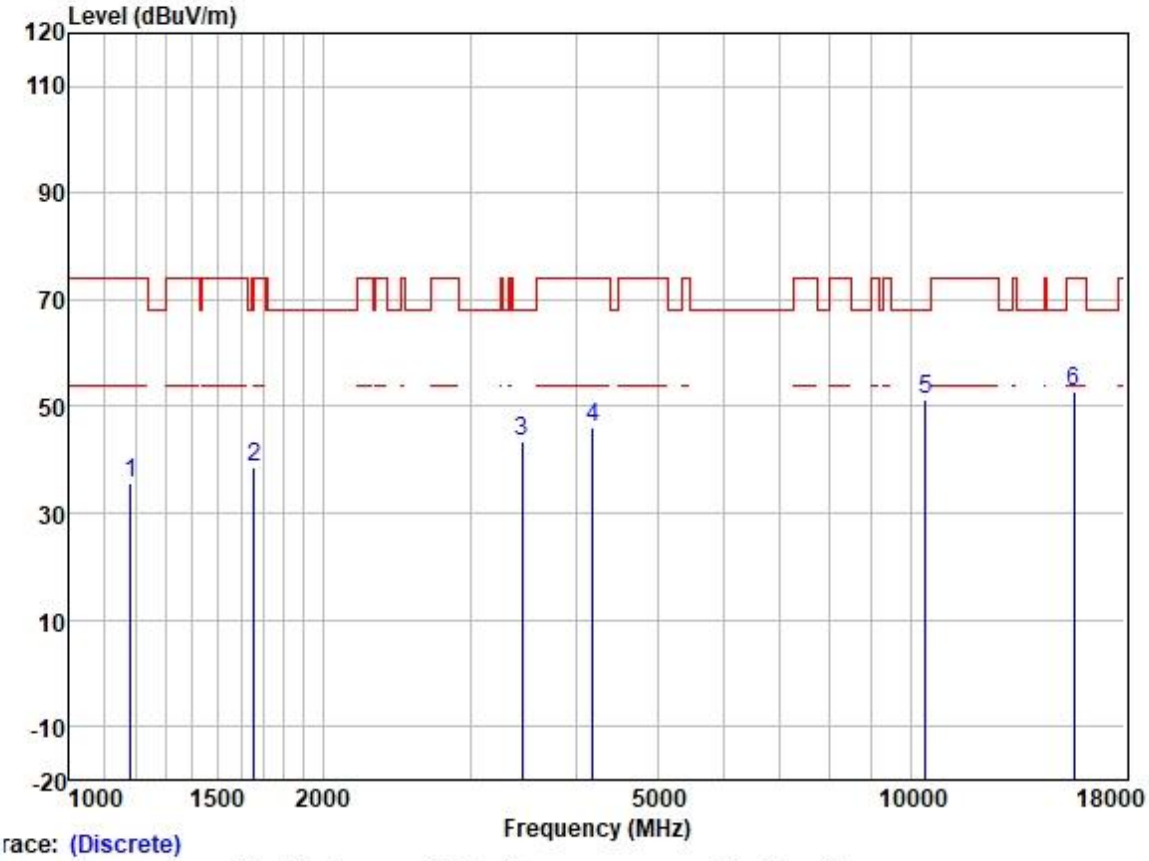
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1260.149	45.32	25.07	2.40	38.35	34.44	68.20	-33.76	VERTICAL	Peak
2	1578.822	46.71	25.56	2.80	38.00	37.07	74.00	-36.93	VERTICAL	Peak
3	3261.418	47.98	28.70	4.03	37.06	43.65	74.00	-30.35	VERTICAL	Peak
4	4379.699	48.20	30.64	4.69	36.81	46.72	74.00	-27.28	VERTICAL	Peak
5	10460.000	40.52	39.42	7.37	37.36	49.95	68.20	-18.25	VERTICAL	Peak
6	15690.000	39.16	38.86	9.87	35.39	52.50	74.00	-21.50	VERTICAL	Peak

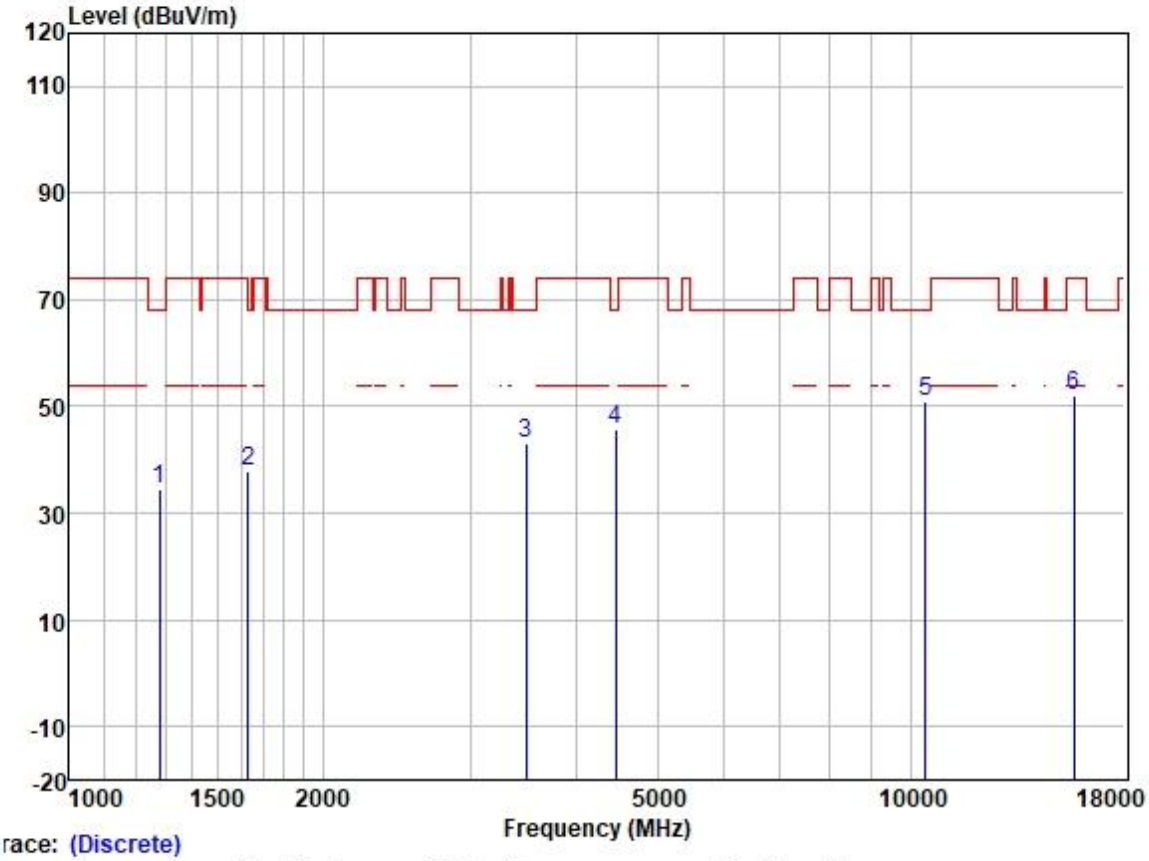
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



race: (Discrete)

	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	1182.513	47.14	24.60	2.37	38.40	35.71	74.00	-38.29	HORIZONTAL	Peak
2	1658.337	48.10	25.65	2.80	37.93	38.62	68.20	-29.58	HORIZONTAL	Peak
3	3455.508	47.29	28.88	4.20	36.96	43.41	68.20	-24.79	HORIZONTAL	Peak
4	4193.872	47.96	30.15	4.60	36.81	45.90	74.00	-28.10	HORIZONTAL	Peak
5	10420.000	42.08	39.38	7.35	37.36	51.45	68.20	-16.75	HORIZONTAL	Peak
6	15630.000	39.56	38.92	9.87	35.39	52.96	74.00	-21.04	HORIZONTAL	Peak

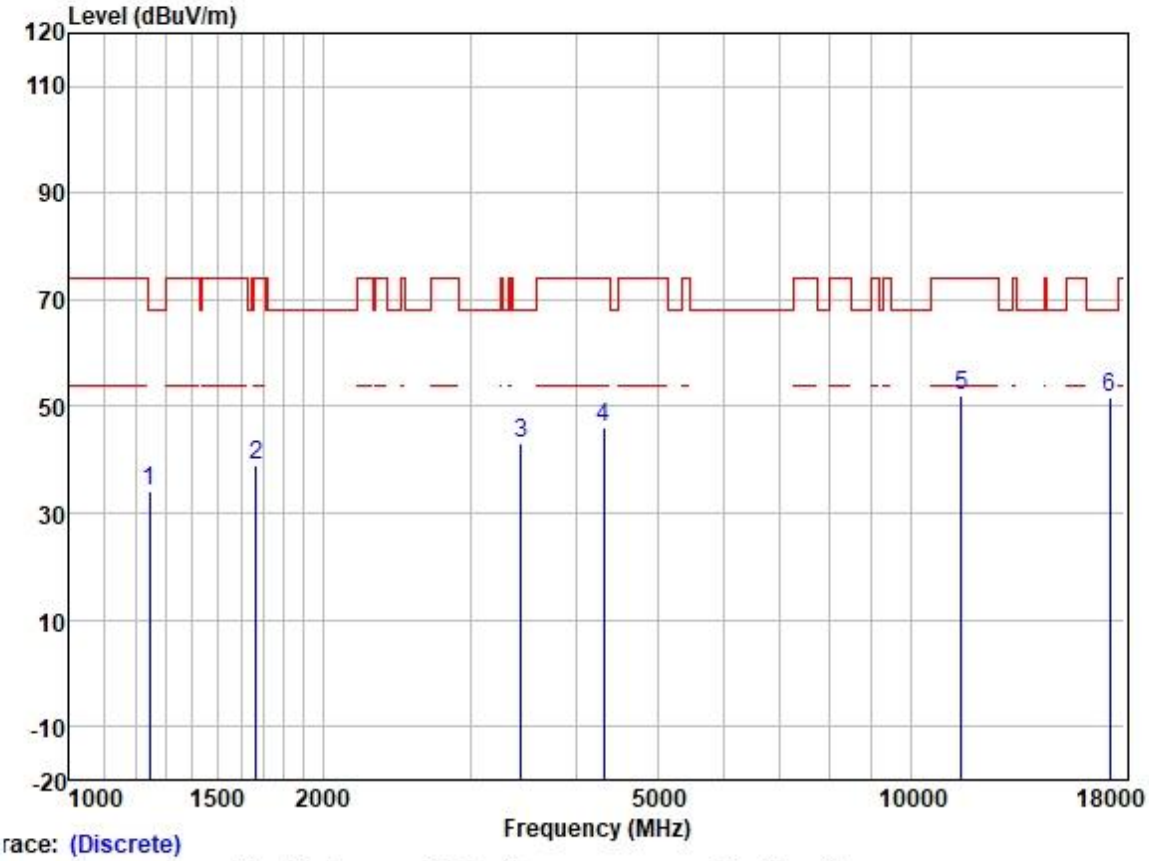
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



race: (Discrete)

	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	1278.492	45.37	25.14	2.50	38.33	34.68	68.20	-33.52	VERTICAL	Peak
2	1629.825	47.38	25.61	2.80	37.95	37.84	68.20	-30.36	VERTICAL	Peak
3	3495.691	46.84	28.90	4.30	36.94	43.10	68.20	-25.10	VERTICAL	Peak
4	4456.315	46.89	30.75	4.88	36.81	45.71	68.20	-22.49	VERTICAL	Peak
5	10420.000	41.73	39.38	7.35	37.36	51.10	68.20	-17.10	VERTICAL	Peak
6	15630.000	38.63	38.92	9.87	35.39	52.03	74.00	-21.97	VERTICAL	Peak

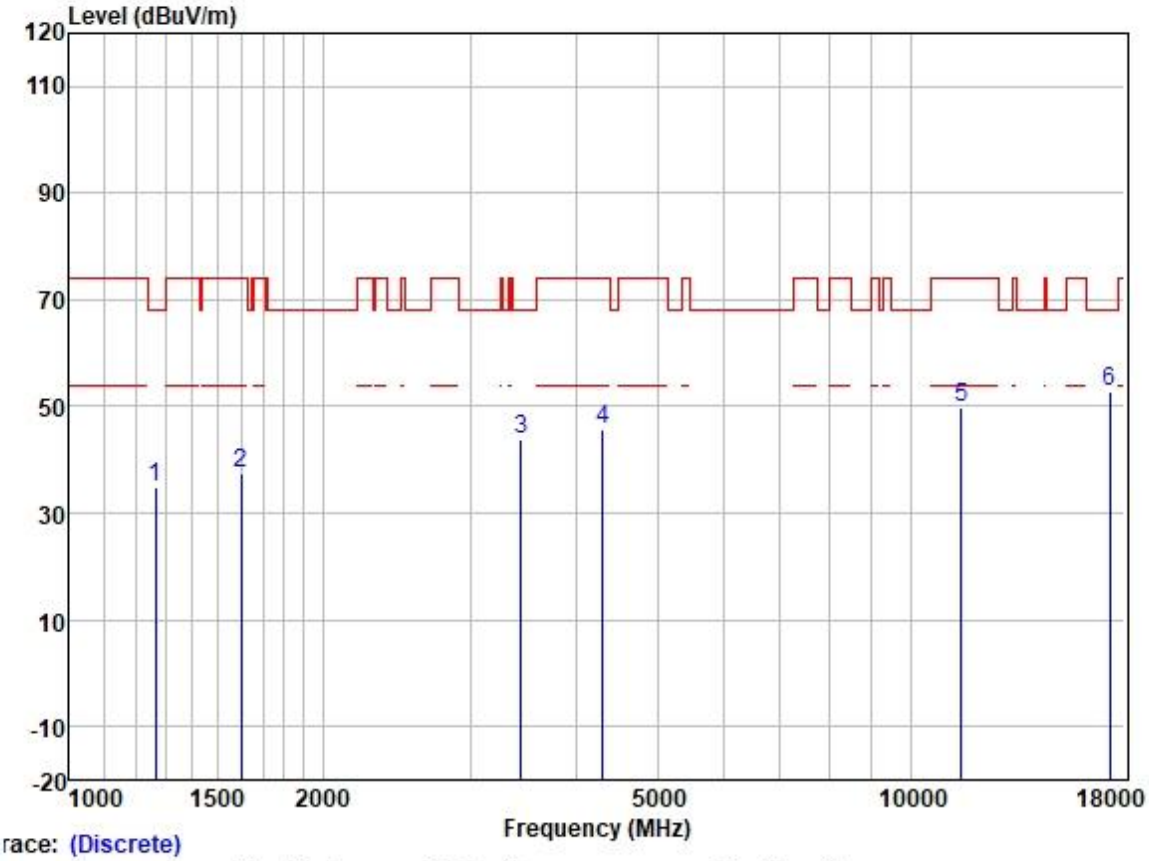
Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1245.663	45.21	25.00	2.33	38.35	34.19	68.20	-34.01	HORIZONTAL	Peak
2	1667.951	48.53	25.66	2.80	37.91	39.08	74.00	-34.92	HORIZONTAL	Peak
3	3445.535	47.18	28.87	4.18	36.96	43.27	68.20	-24.93	HORIZONTAL	Peak
4	4316.859	47.60	30.51	4.66	36.81	45.96	74.00	-28.04	HORIZONTAL	Peak
5	11490.000	41.05	39.90	8.41	37.15	52.21	74.00	-21.79	HORIZONTAL	Peak
6	17235.000	33.84	43.01	10.08	35.33	51.60	68.20	-16.60	HORIZONTAL	Peak

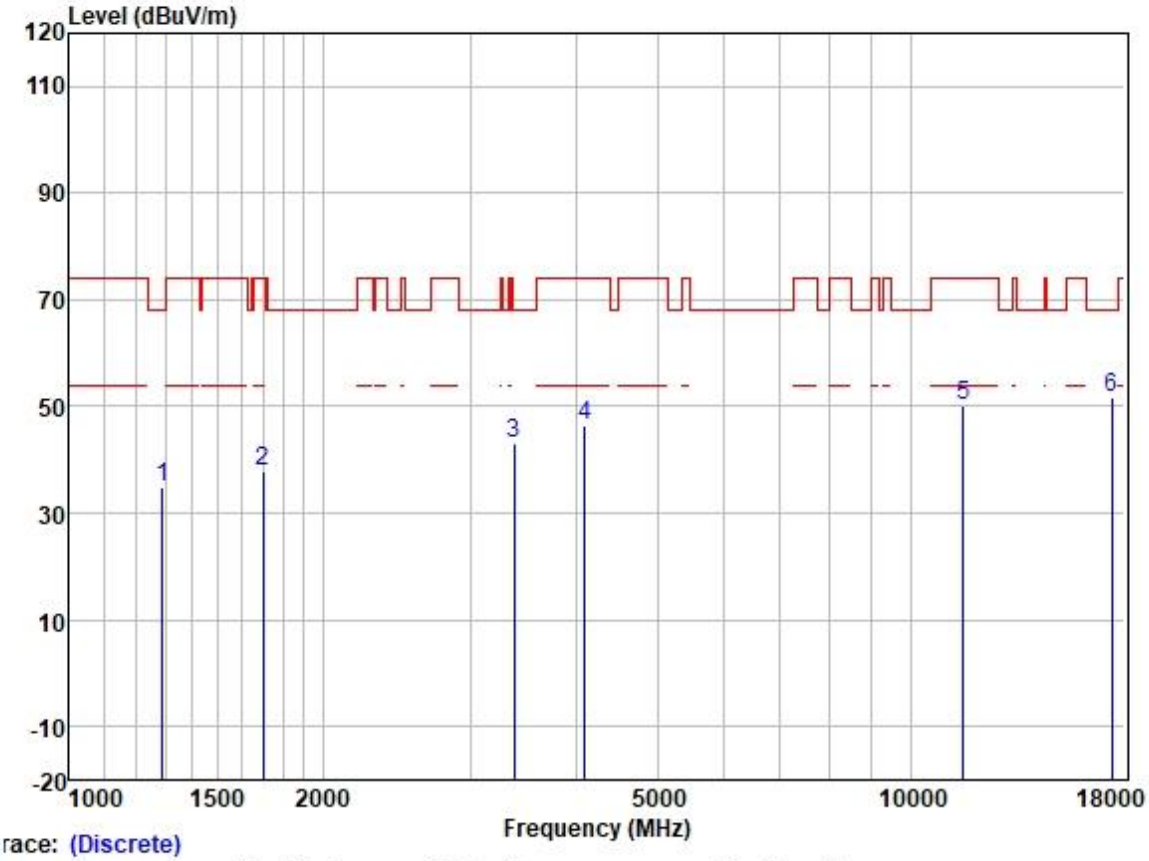
Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1267.454	45.85	25.10	2.44	38.33	35.06	68.20	-33.14	VERTICAL	Peak
2	1601.804	47.04	25.58	2.80	37.98	37.44	74.00	-36.56	VERTICAL	Peak
3	3445.535	47.65	28.87	4.18	36.96	43.74	68.20	-24.46	VERTICAL	Peak
4	4304.400	47.34	30.48	4.65	36.81	45.66	74.00	-28.34	VERTICAL	Peak
5	11490.000	38.80	39.90	8.41	37.15	49.96	74.00	-24.04	VERTICAL	Peak
6	17235.000	35.03	43.01	10.08	35.33	52.79	68.20	-15.41	VERTICAL	Peak

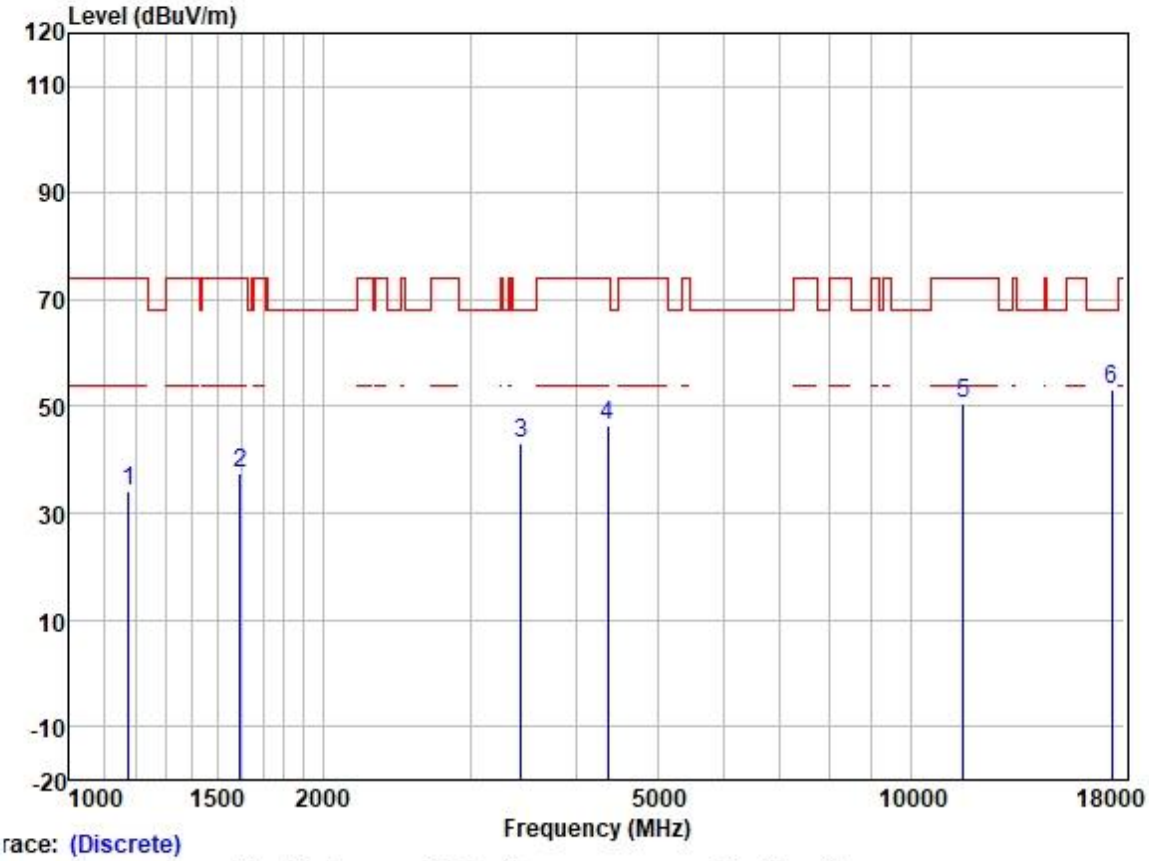
Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1289.627	45.45	25.17	2.55	38.31	34.86	68.20	-33.34	HORIZONTAL	Peak
2	1697.129	47.37	25.71	2.80	37.89	37.99	74.00	-36.01	HORIZONTAL	Peak
3	3376.523	47.25	28.83	4.09	36.99	43.18	68.20	-25.02	HORIZONTAL	Peak
4	4098.010	48.60	29.94	4.60	36.80	46.34	74.00	-27.66	HORIZONTAL	Peak
5	11570.000	39.20	39.78	8.38	37.14	50.22	74.00	-23.78	HORIZONTAL	Peak
6	17355.000	33.18	43.40	10.39	35.32	51.65	68.20	-16.55	HORIZONTAL	Peak

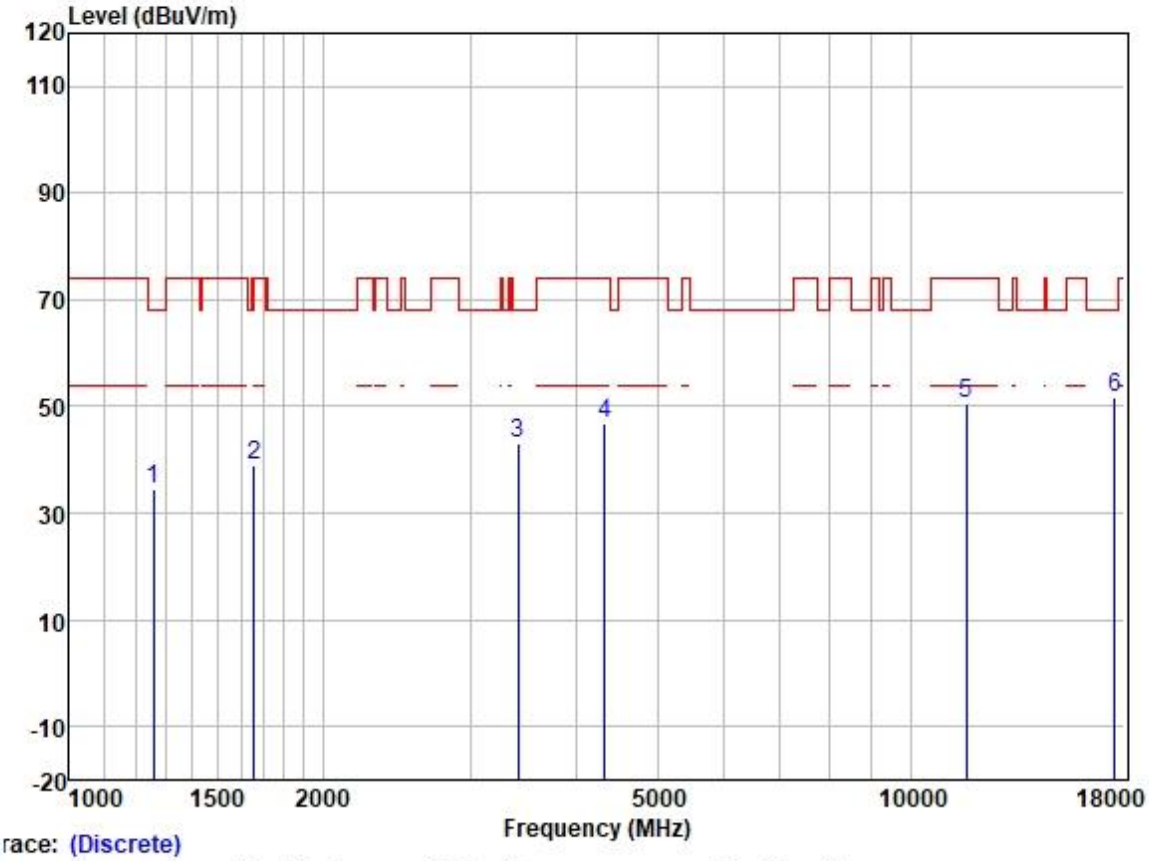
Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1175.697	45.70	24.58	2.38	38.40	34.26	74.00	-39.74	VERTICAL	Peak
2	1597.181	47.26	25.58	2.80	37.98	37.66	74.00	-36.34	VERTICAL	Peak
3	3445.535	47.15	28.87	4.18	36.96	43.24	68.20	-24.96	VERTICAL	Peak
4	4367.058	47.81	30.62	4.68	36.81	46.30	74.00	-27.70	VERTICAL	Peak
5	11570.000	39.53	39.78	8.38	37.14	50.55	74.00	-23.45	VERTICAL	Peak
6	17355.000	34.71	43.40	10.39	35.32	53.18	68.20	-15.02	VERTICAL	Peak

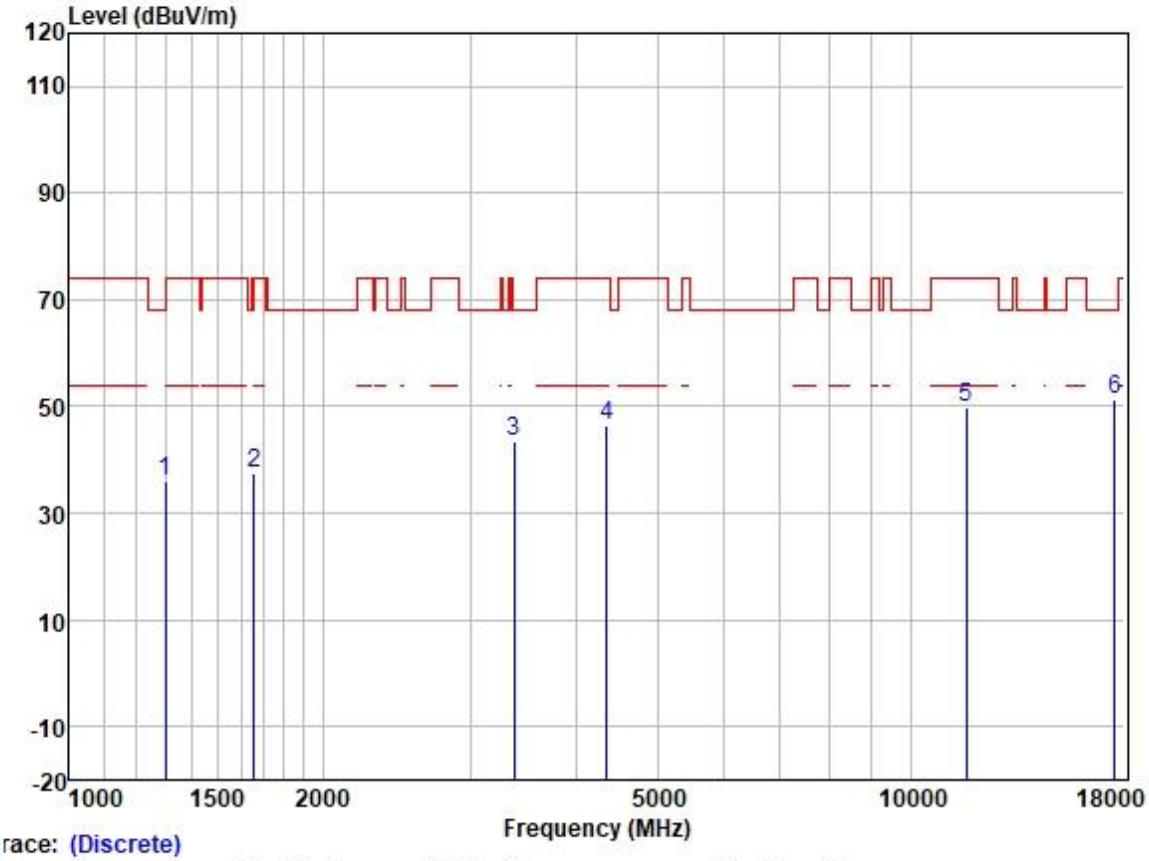
Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Freq	ReadLevel	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	1260.149	45.47	25.07	2.40	38.35	34.59	68.20	-33.61	HORIZONTAL	Peak
2	1658.337	48.50	25.65	2.80	37.93	39.02	68.20	-29.18	HORIZONTAL	Peak
3	3415.787	46.94	28.85	4.13	36.97	42.95	68.20	-25.25	HORIZONTAL	Peak
4	4329.354	48.53	30.54	4.67	36.81	46.93	74.00	-27.07	HORIZONTAL	Peak
5	11650.000	39.82	39.65	8.35	37.13	50.69	74.00	-23.31	HORIZONTAL	Peak
6	17475.000	32.49	43.90	10.77	35.32	51.84	68.20	-16.36	HORIZONTAL	Peak

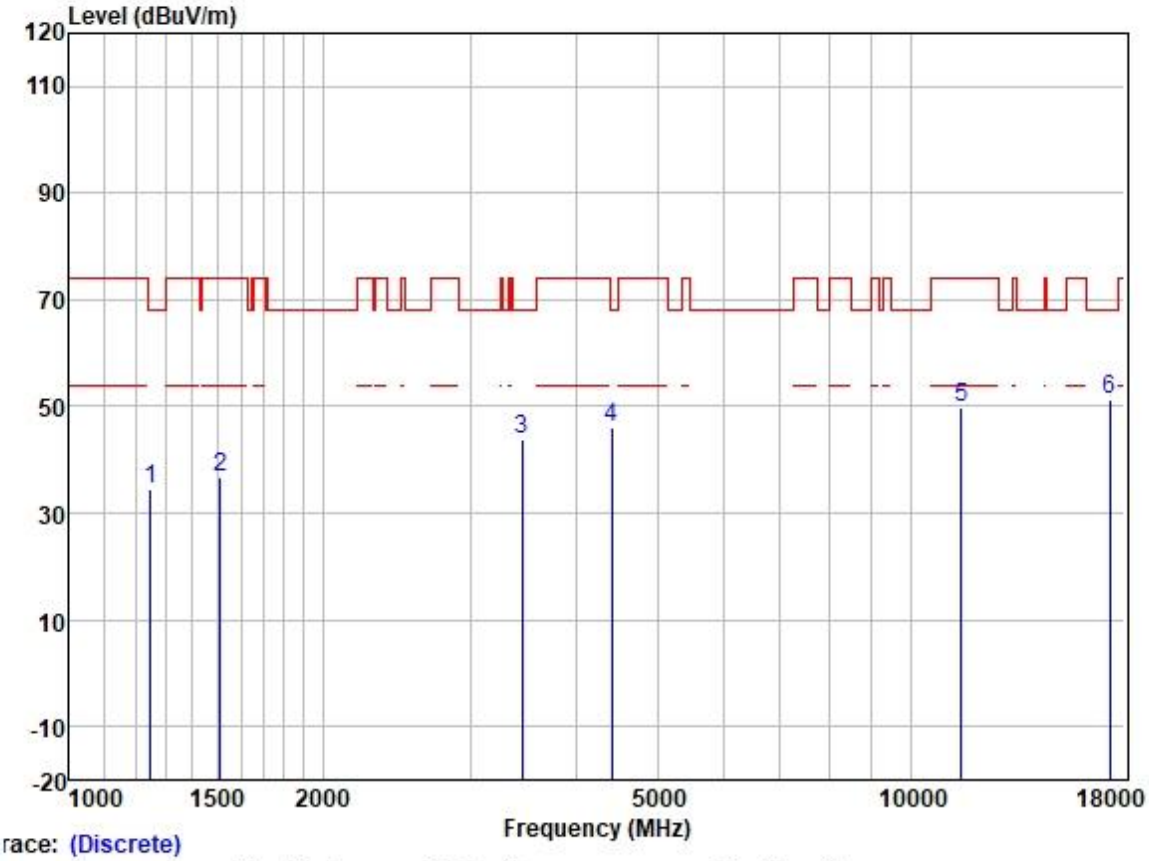
Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1300.858	46.69	25.20	2.60	38.31	36.18	74.00	-37.82	VERTICAL	Peak
2	1658.337	46.83	25.65	2.80	37.93	37.35	68.20	-30.85	VERTICAL	Peak
3	3376.523	47.69	28.83	4.09	36.99	43.62	68.20	-24.58	VERTICAL	Peak
4	4354.454	48.16	30.59	4.68	36.81	46.62	74.00	-27.38	VERTICAL	Peak
5	11650.000	39.12	39.65	8.35	37.13	49.99	74.00	-24.01	VERTICAL	Peak
6	17475.000	32.13	43.90	10.77	35.32	51.48	68.20	-16.72	VERTICAL	Peak

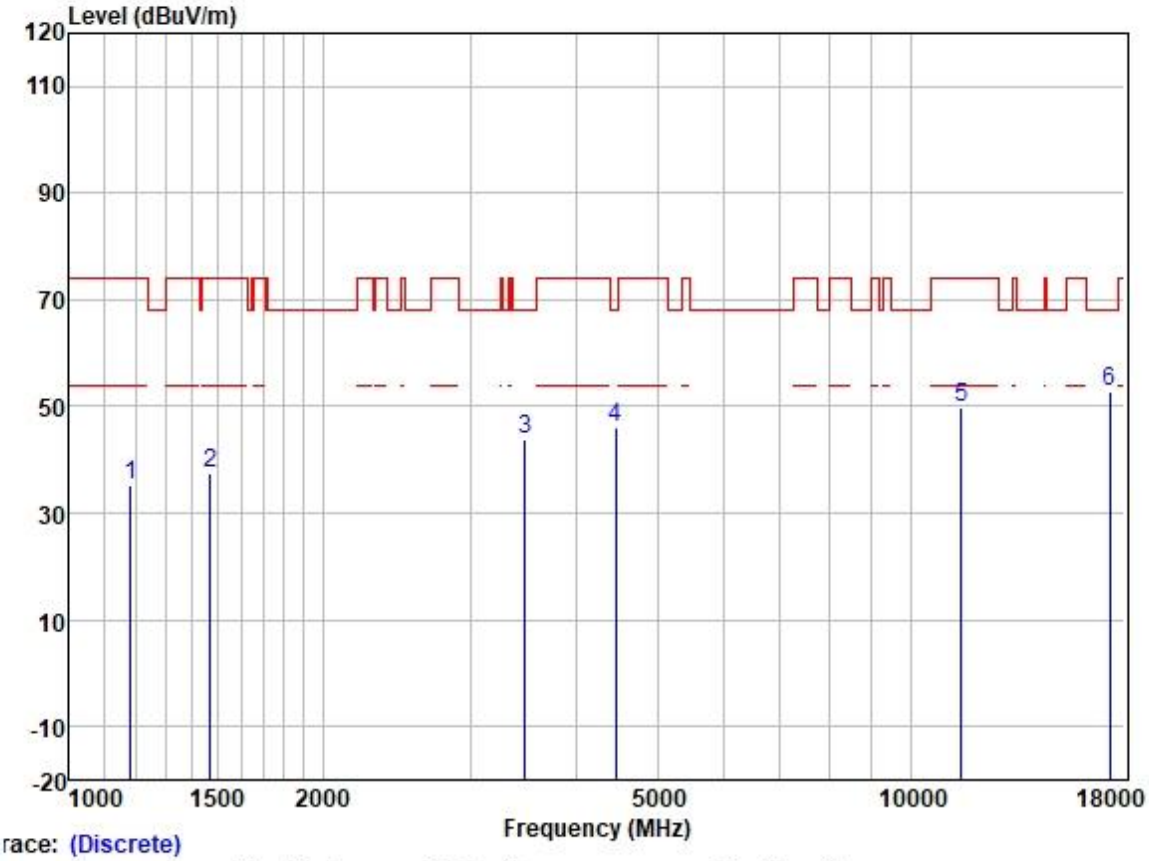
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1249.269	45.58	25.02	2.34	38.35	34.59	68.20	-33.61	HORIZONTAL	Peak
2	1511.833	46.65	25.51	2.80	38.10	36.86	74.00	-37.14	HORIZONTAL	Peak
3	3455.508	47.55	28.88	4.20	36.96	43.67	68.20	-24.53	HORIZONTAL	Peak
4	4417.841	47.58	30.70	4.74	36.81	46.21	68.20	-21.99	HORIZONTAL	Peak
5	11490.000	38.74	39.90	8.41	37.15	49.90	74.00	-24.10	HORIZONTAL	Peak
6	17235.000	33.72	43.01	10.08	35.33	51.48	68.20	-16.72	HORIZONTAL	Peak

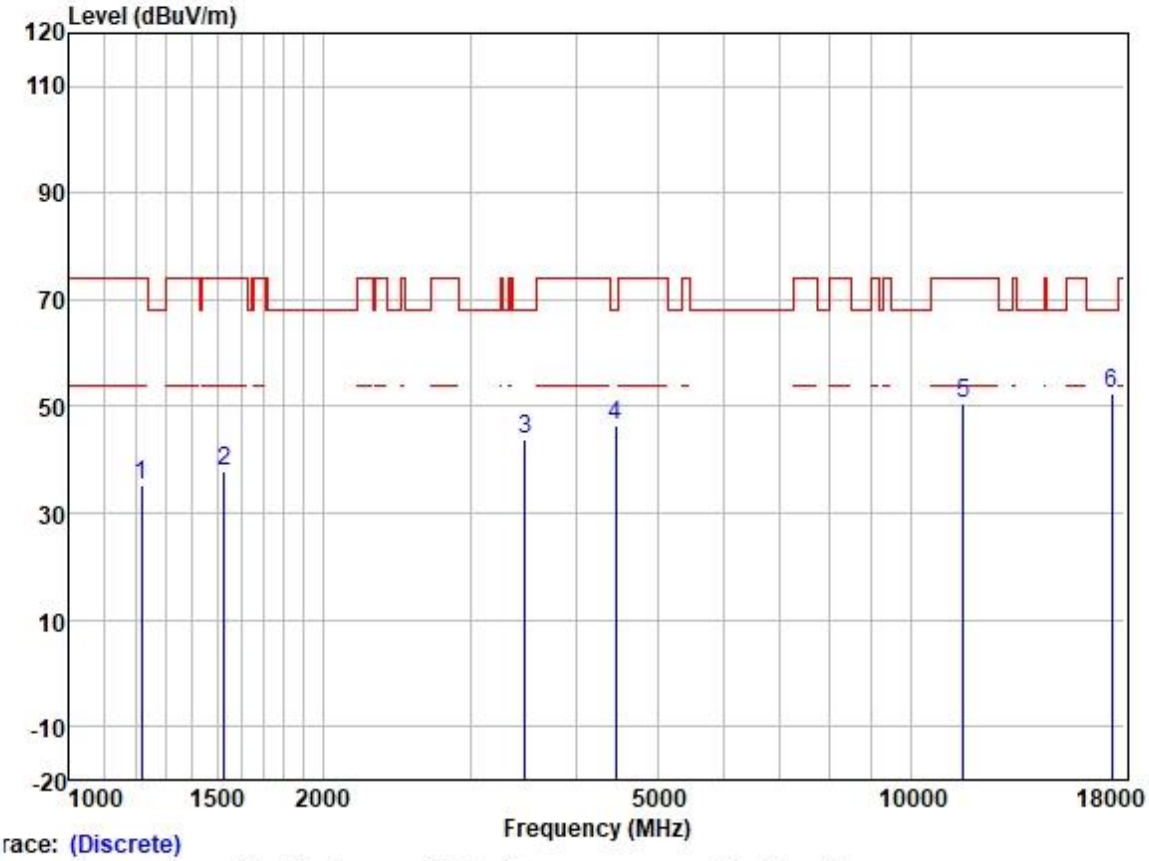
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1182.513	46.59	24.60	2.37	38.40	35.16	74.00	-38.84	VERTICAL	Peak
2	1468.761	47.38	25.47	2.75	38.13	37.47	74.00	-36.53	VERTICAL	Peak
3	3485.601	47.58	28.89	4.27	36.95	43.79	68.20	-24.41	VERTICAL	Peak
4	4456.315	47.28	30.75	4.88	36.81	46.10	68.20	-22.10	VERTICAL	Peak
5	11490.000	38.79	39.90	8.41	37.15	49.95	74.00	-24.05	VERTICAL	Peak
6	17235.000	35.12	43.01	10.08	35.33	52.88	68.20	-15.32	VERTICAL	Peak

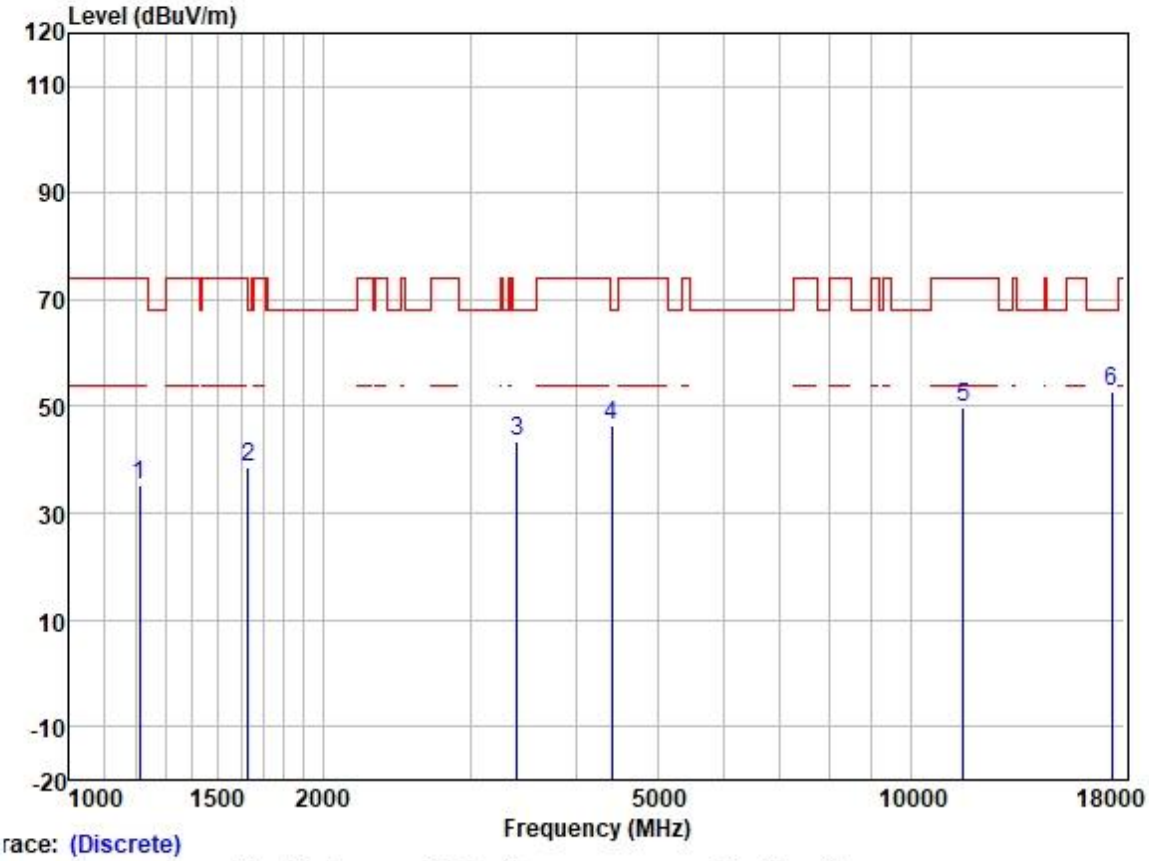
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1217.190	46.52	24.79	2.32	38.37	35.26	74.00	-38.74	HORIZONTAL	Peak
2	1529.414	47.49	25.52	2.80	38.07	37.74	74.00	-36.26	HORIZONTAL	Peak
3	3485.601	47.62	28.89	4.27	36.95	43.83	68.20	-24.37	HORIZONTAL	Peak
4	4456.315	47.45	30.75	4.88	36.81	46.27	68.20	-21.93	HORIZONTAL	Peak
5	11570.000	39.52	39.78	8.38	37.14	50.54	74.00	-23.46	HORIZONTAL	Peak
6	17355.000	33.87	43.40	10.39	35.32	52.34	68.20	-15.86	HORIZONTAL	Peak

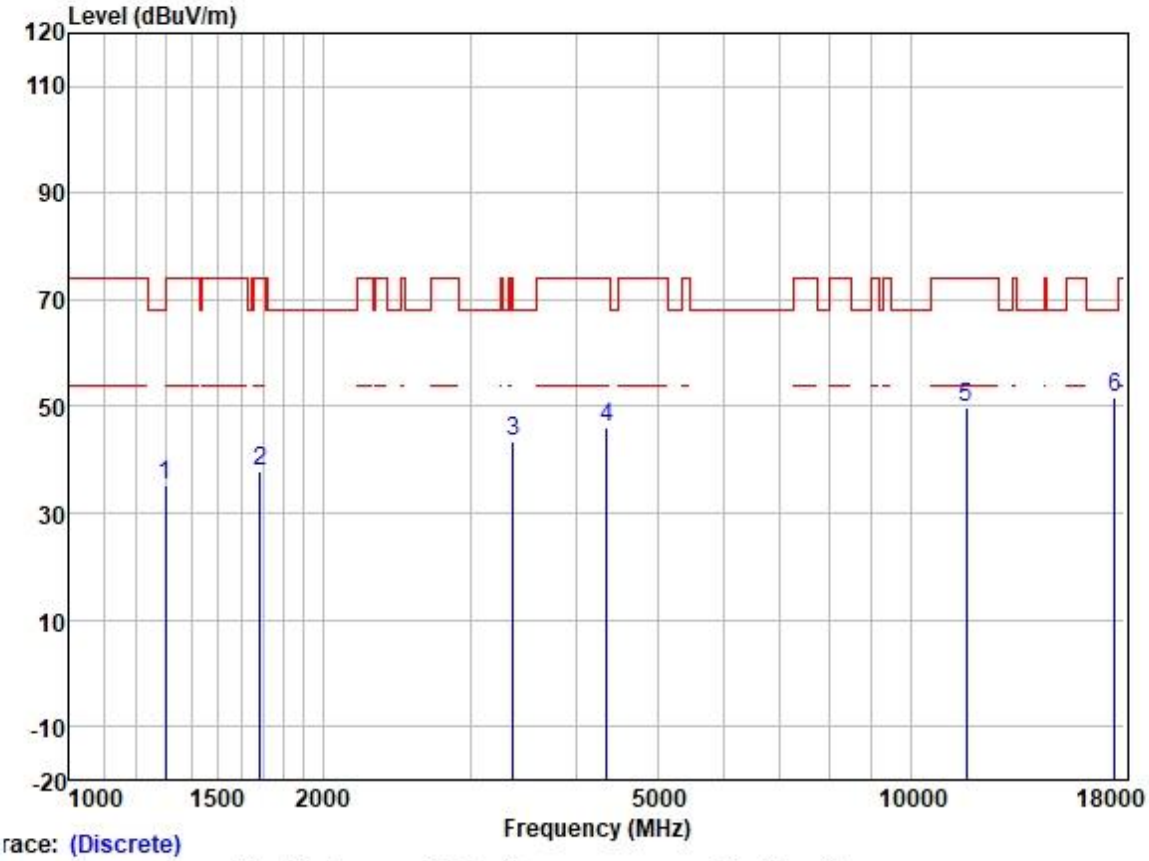
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1210.174	46.56	24.74	2.33	38.39	35.24	74.00	-38.76	VERTICAL	Peak
2	1629.825	48.26	25.61	2.80	37.95	38.72	68.20	-29.48	VERTICAL	Peak
3	3405.929	47.31	28.85	4.11	36.98	43.29	68.20	-24.91	VERTICAL	Peak
4	4417.841	47.70	30.70	4.74	36.81	46.33	68.20	-21.87	VERTICAL	Peak
5	11570.000	38.65	39.78	8.38	37.14	49.67	74.00	-24.33	VERTICAL	Peak
6	17355.000	34.21	43.40	10.39	35.32	52.68	68.20	-15.52	VERTICAL	Peak

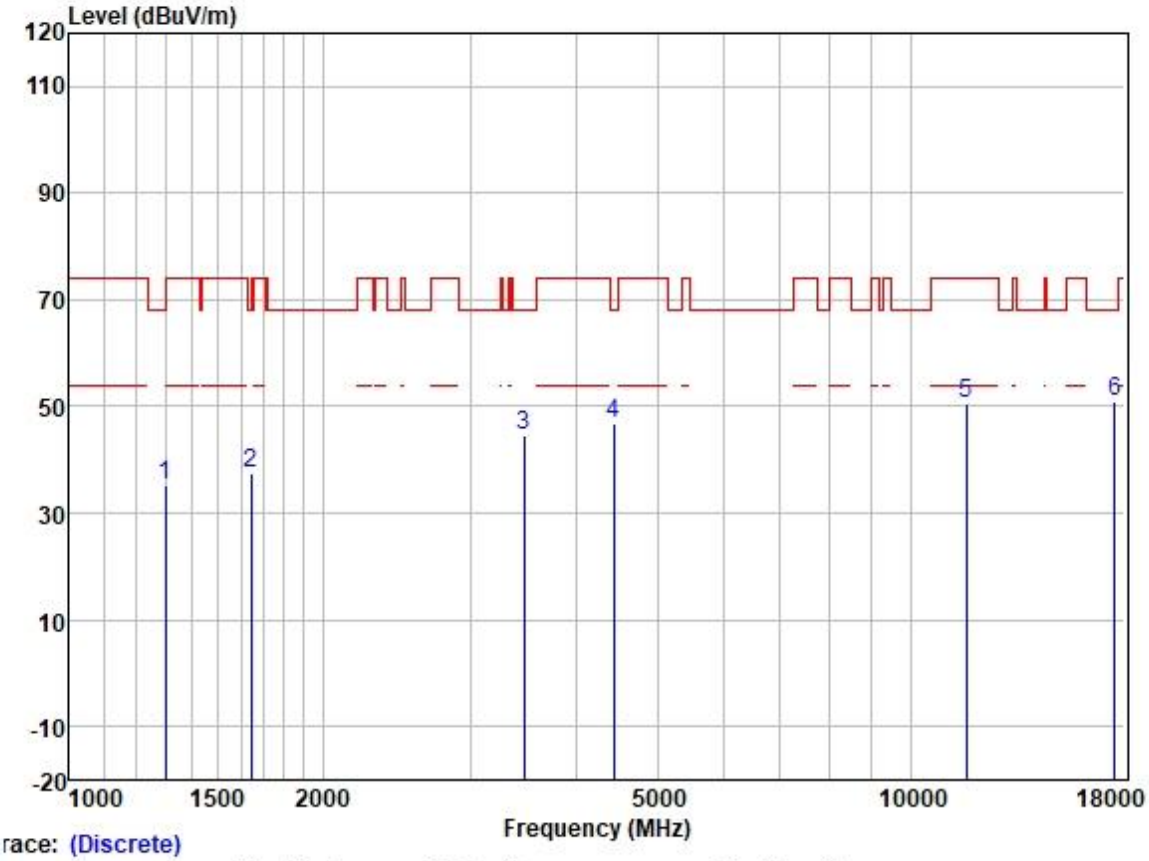
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1300.858	45.89	25.20	2.60	38.31	35.38	74.00	-38.62	HORIZONTAL	Peak
2	1687.347	47.36	25.69	2.80	37.91	37.94	74.00	-36.06	HORIZONTAL	Peak
3	3366.778	47.47	28.82	4.09	36.99	43.39	68.20	-24.81	HORIZONTAL	Peak
4	4354.454	47.62	30.59	4.68	36.81	46.08	74.00	-27.92	HORIZONTAL	Peak
5	11650.000	38.83	39.65	8.35	37.13	49.70	74.00	-24.30	HORIZONTAL	Peak
6	17475.000	32.33	43.90	10.77	35.32	51.68	68.20	-16.52	HORIZONTAL	Peak

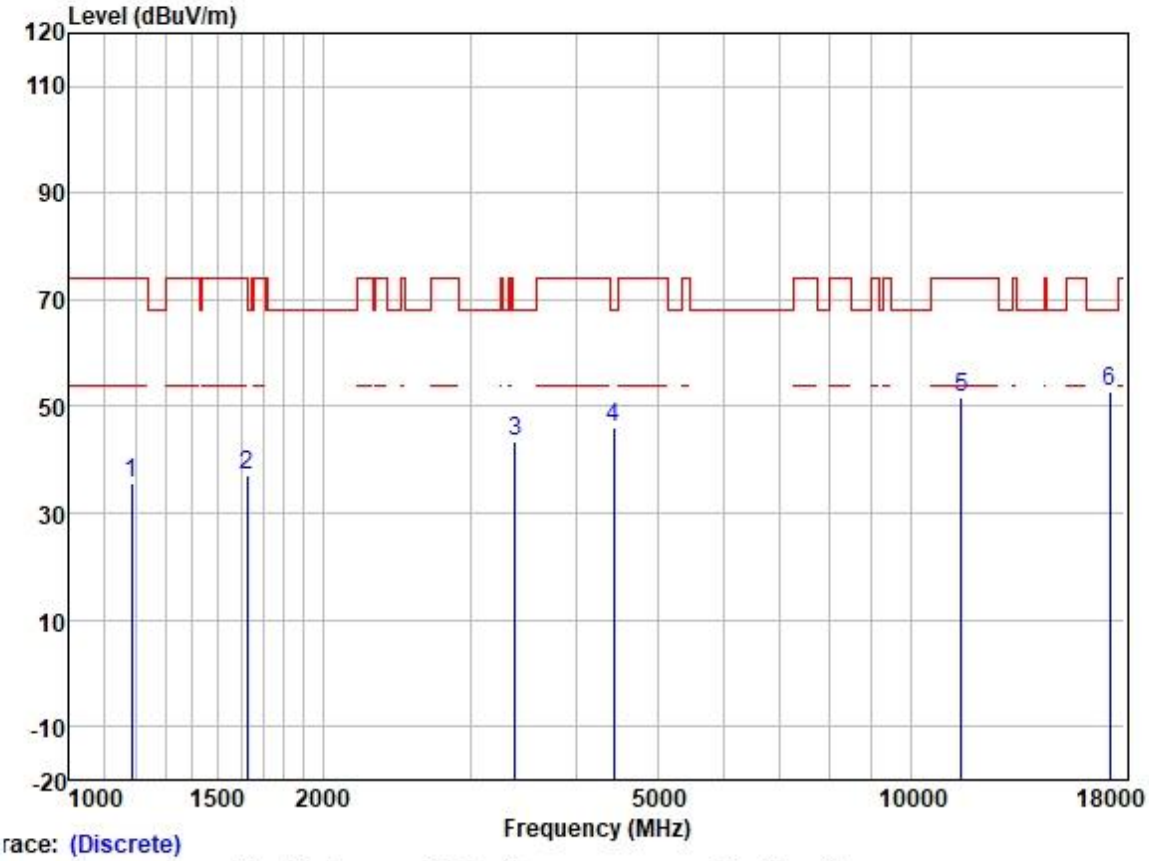
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1300.858	45.72	25.20	2.60	38.31	35.21	74.00	-38.79	VERTICAL	Peak
2	1644.019	47.06	25.63	2.80	37.93	37.56	68.20	-30.64	VERTICAL	Peak
3	3475.541	48.49	28.89	4.25	36.95	44.68	68.20	-23.52	VERTICAL	Peak
4	4443.453	48.18	30.73	4.83	36.81	46.93	68.20	-21.27	VERTICAL	Peak
5	11650.000	39.71	39.65	8.35	37.13	50.58	74.00	-23.42	VERTICAL	Peak
6	17475.000	31.58	43.90	10.77	35.32	50.93	68.20	-17.27	VERTICAL	Peak

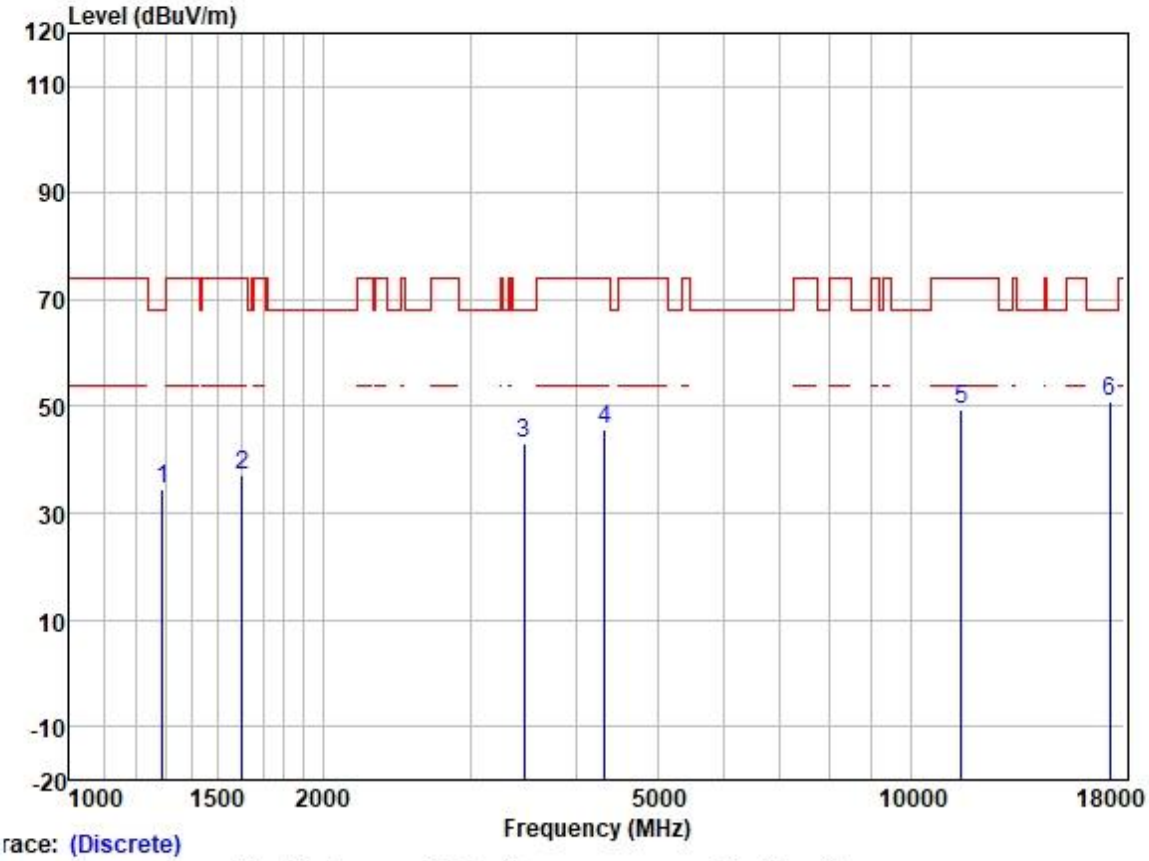
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1185.936	46.94	24.62	2.37	38.40	35.53	74.00	-38.47	HORIZONTAL	Peak
2	1625.121	46.50	25.61	2.80	37.95	36.96	74.00	-37.04	HORIZONTAL	Peak
3	3386.297	47.53	28.83	4.10	36.99	43.47	68.20	-24.73	HORIZONTAL	Peak
4	4443.453	47.43	30.73	4.83	36.81	46.18	68.20	-22.02	HORIZONTAL	Peak
5	11510.000	40.53	39.90	8.41	37.15	51.69	74.00	-22.31	HORIZONTAL	Peak
6	17265.000	34.65	43.21	10.24	35.33	52.77	68.20	-15.43	HORIZONTAL	Peak

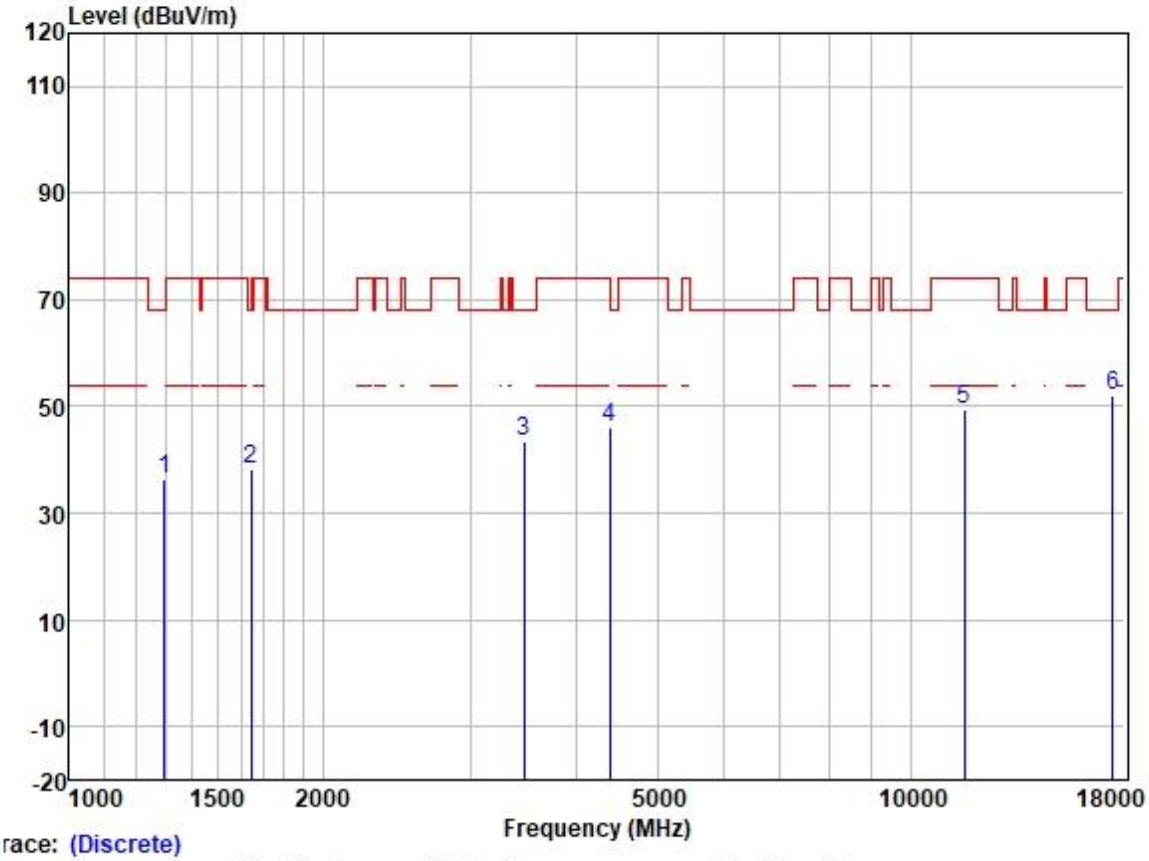
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1289.627	45.13	25.17	2.55	38.31	34.54	68.20	-33.66	VERTICAL	Peak
2	1606.441	46.87	25.59	2.80	37.98	37.28	74.00	-36.72	VERTICAL	Peak
3	3475.541	47.00	28.89	4.25	36.95	43.19	68.20	-25.01	VERTICAL	Peak
4	4329.354	47.29	30.54	4.67	36.81	45.69	74.00	-28.31	VERTICAL	Peak
5	11510.000	38.29	39.90	8.41	37.15	49.45	74.00	-24.55	VERTICAL	Peak
6	17265.000	32.92	43.21	10.24	35.33	51.04	68.20	-17.16	VERTICAL	Peak

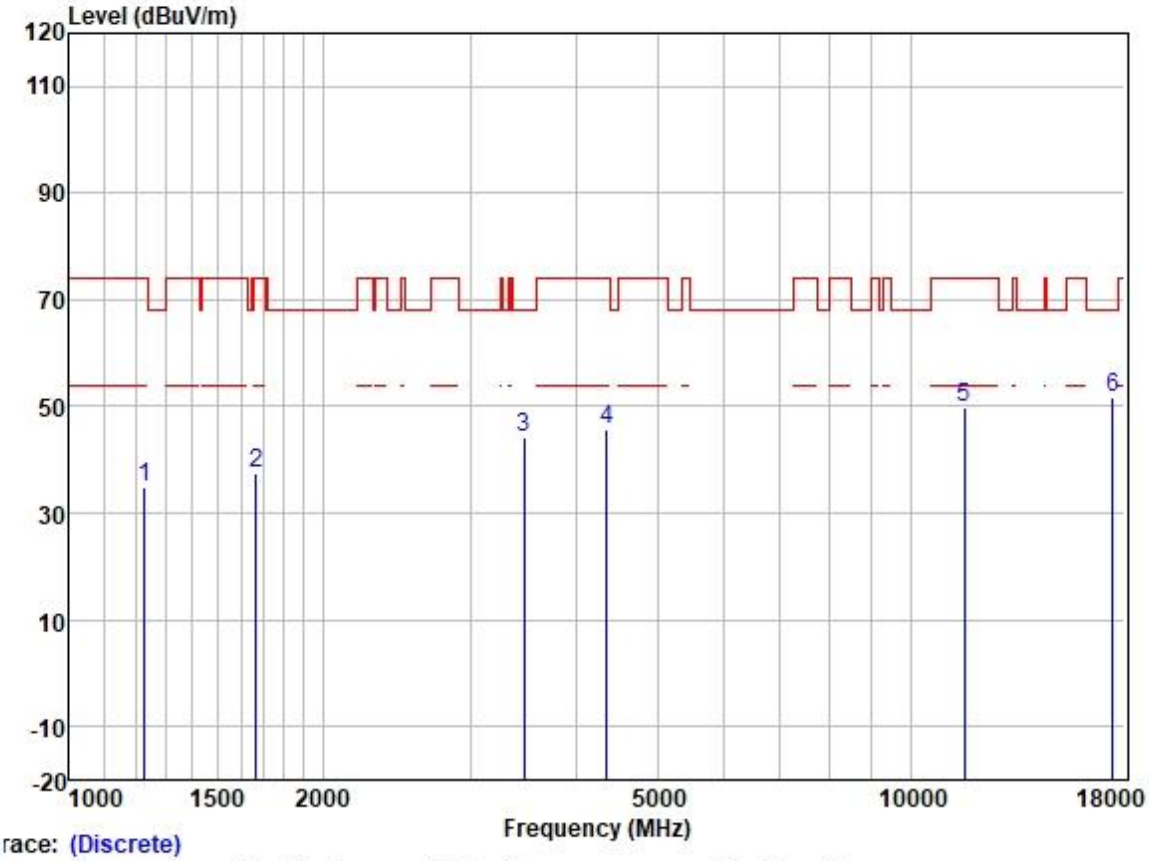
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1297.103	46.84	25.19	2.58	38.31	36.30	68.20	-31.90	HORIZONTAL	Peak
2	1644.019	47.68	25.63	2.80	37.93	38.18	68.20	-30.02	HORIZONTAL	Peak
3	3475.541	47.12	28.89	4.25	36.95	43.31	68.20	-24.89	HORIZONTAL	Peak
4	4392.376	47.40	30.66	4.70	36.81	45.95	74.00	-28.05	HORIZONTAL	Peak
5	11590.000	38.35	39.72	8.37	37.14	49.30	74.00	-24.70	HORIZONTAL	Peak
6	17385.000	33.20	43.57	10.53	35.32	51.98	68.20	-16.22	HORIZONTAL	Peak

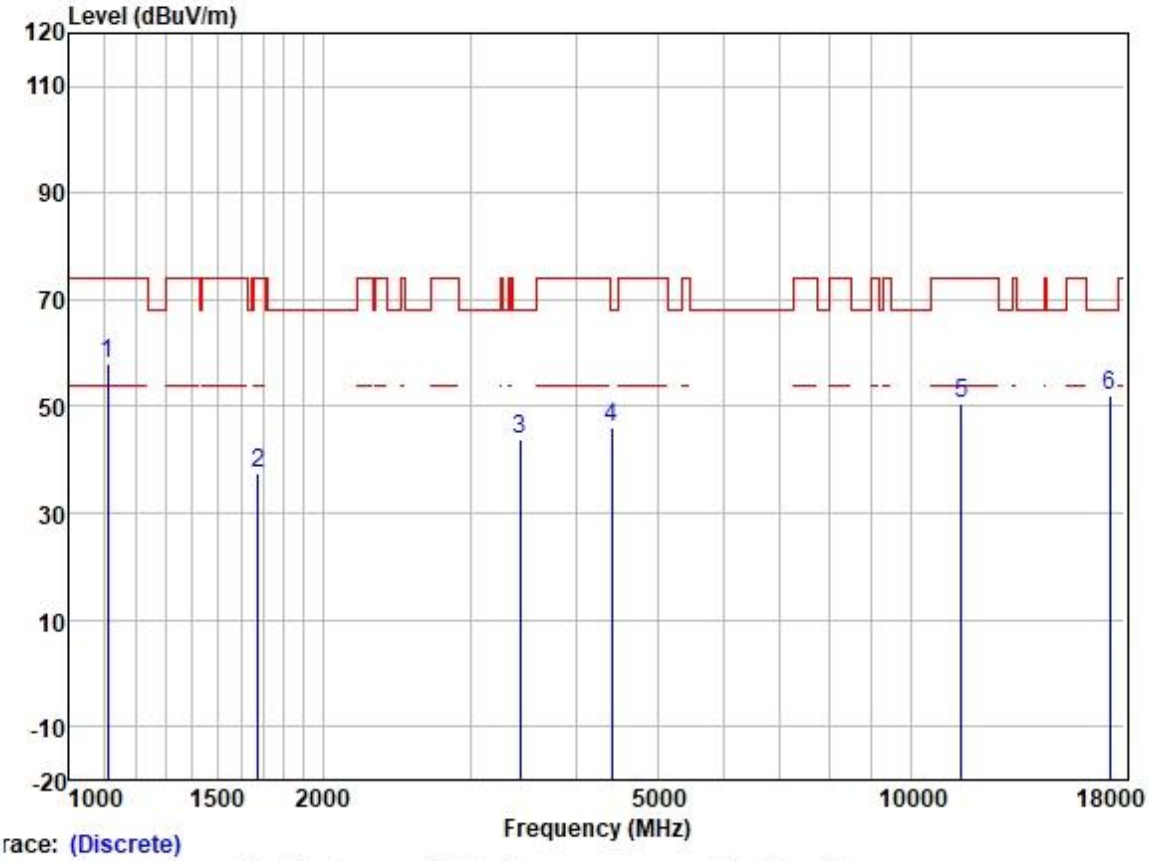
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1227.791	45.99	24.88	2.31	38.37	34.81	74.00	-39.19	VERTICAL	Peak
2	1667.951	46.90	25.66	2.80	37.91	37.45	74.00	-36.55	VERTICAL	Peak
3	3475.541	48.02	28.89	4.25	36.95	44.21	68.20	-23.99	VERTICAL	Peak
4	4354.454	47.30	30.59	4.68	36.81	45.76	74.00	-28.24	VERTICAL	Peak
5	11590.000	38.96	39.72	8.37	37.14	49.91	74.00	-24.09	VERTICAL	Peak
6	17385.000	32.74	43.57	10.53	35.32	51.52	68.20	-16.68	VERTICAL	Peak

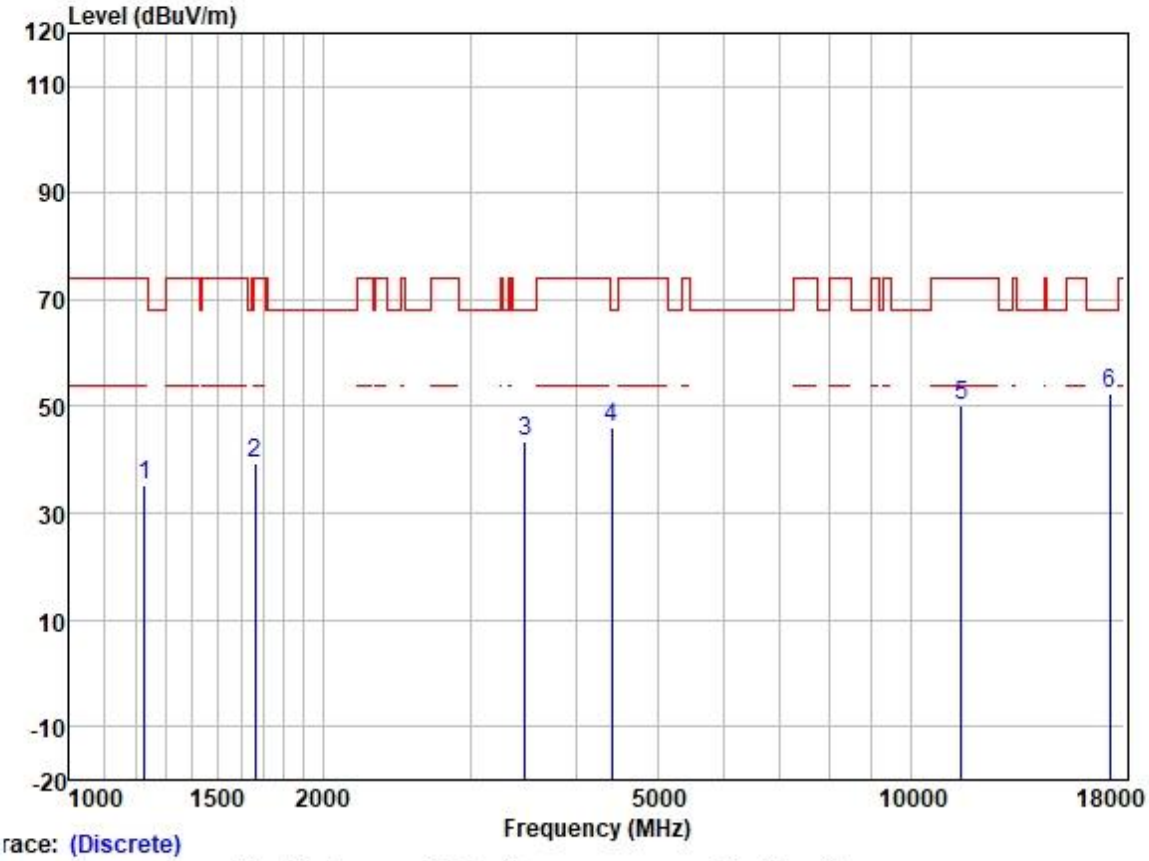
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1109.660	69.92	24.39	2.27	38.45	58.13	74.00	-15.87	HORIZONTAL	Peak
2	1677.621	47.03	25.68	2.80	37.91	37.60	74.00	-36.40	HORIZONTAL	Peak
3	3435.590	47.83	28.87	4.16	36.97	43.89	68.20	-24.31	HORIZONTAL	Peak
4	4417.841	47.46	30.70	4.74	36.81	46.09	68.20	-22.11	HORIZONTAL	Peak
5	11490.000	39.40	39.90	8.41	37.15	50.56	74.00	-23.44	HORIZONTAL	Peak
6	17235.000	34.20	43.01	10.08	35.33	51.96	68.20	-16.24	HORIZONTAL	Peak

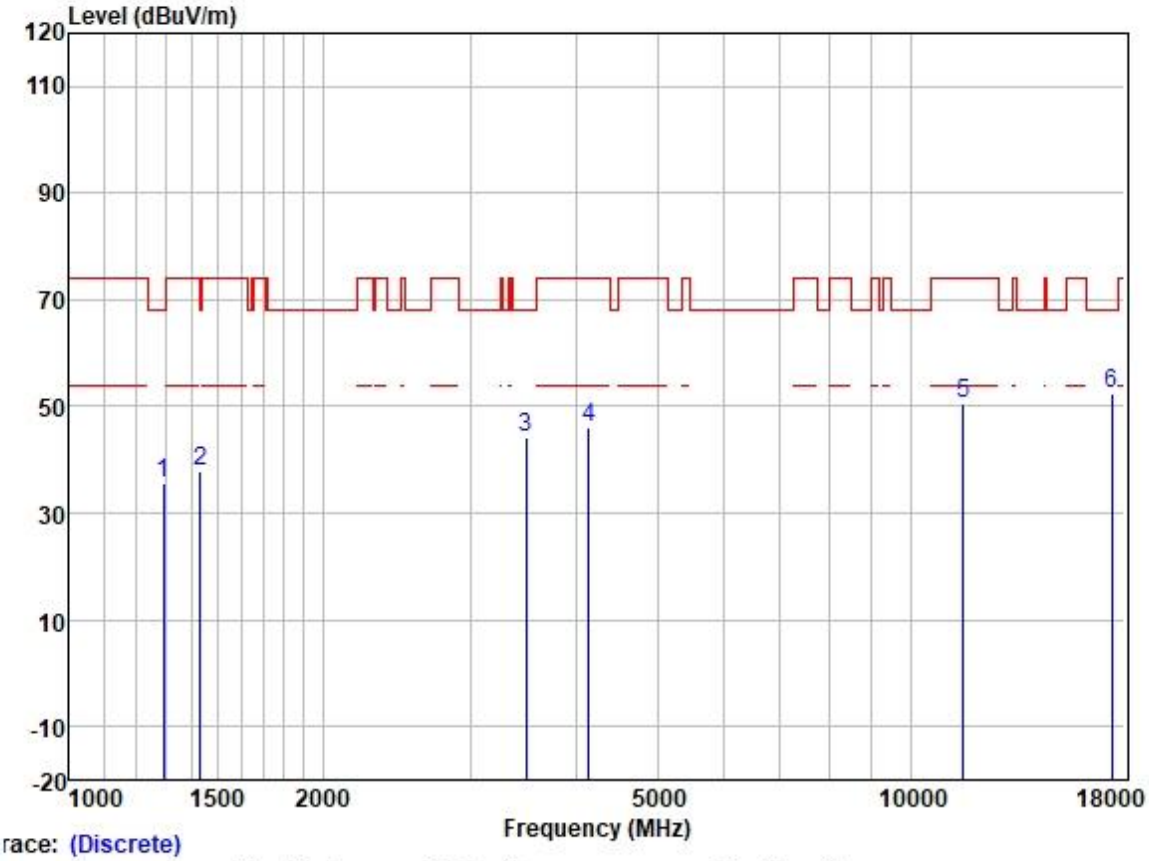
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1227.791	46.50	24.88	2.31	38.37	35.32	74.00	-38.68	VERTICAL	Peak
2	1663.137	48.65	25.65	2.80	37.91	39.19	74.00	-34.81	VERTICAL	Peak
3	3485.601	47.17	28.89	4.27	36.95	43.38	68.20	-24.82	VERTICAL	Peak
4	4417.841	47.37	30.70	4.74	36.81	46.00	68.20	-22.20	VERTICAL	Peak
5	11490.000	39.05	39.90	8.41	37.15	50.21	74.00	-23.79	VERTICAL	Peak
6	17235.000	34.49	43.01	10.08	35.33	52.25	68.20	-15.95	VERTICAL	Peak

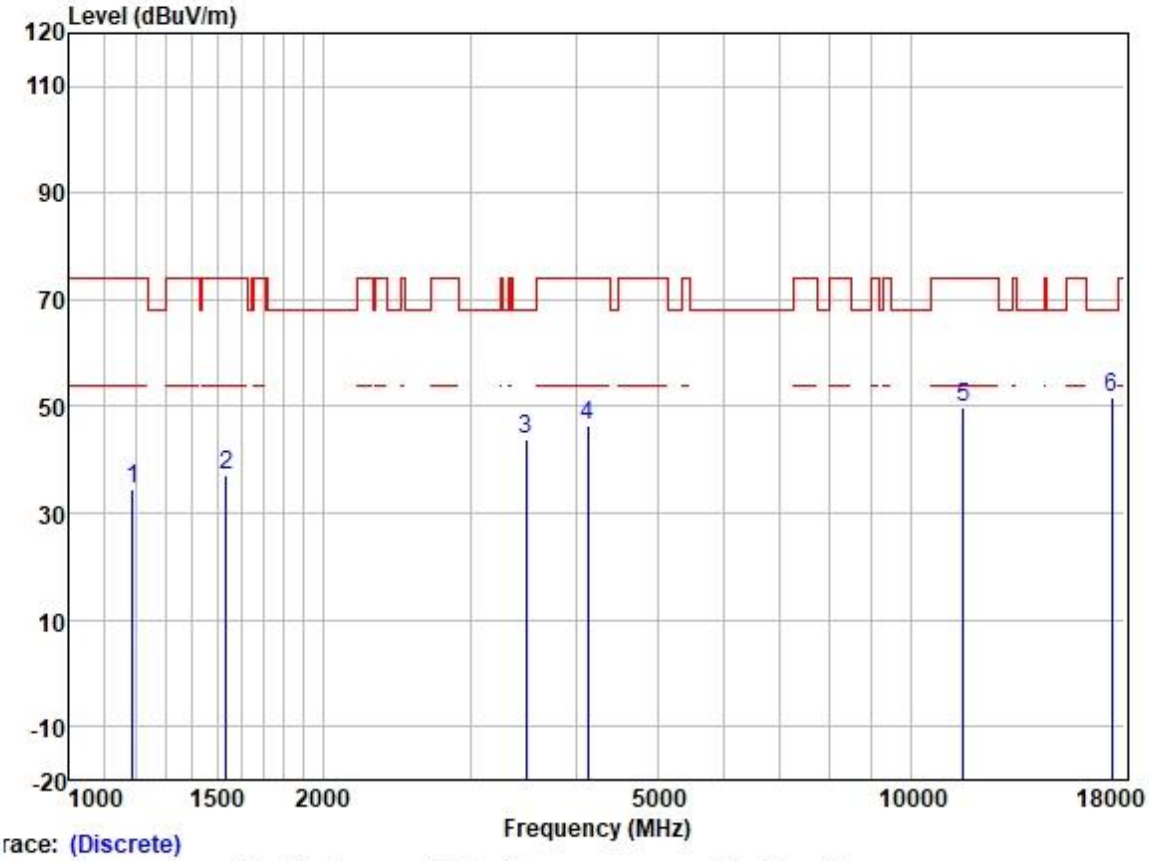
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (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	1293.359	46.20	25.18	2.57	38.31	35.64	68.20	-32.56	HORIZONTAL	Peak
2	1431.047	47.86	25.43	2.66	38.20	37.75	68.20	-30.45	HORIZONTAL	Peak
3	3495.691	47.93	28.90	4.30	36.94	44.19	68.20	-24.01	HORIZONTAL	Peak
4	4145.664	48.22	30.03	4.60	36.80	46.05	74.00	-27.95	HORIZONTAL	Peak
5	11570.000	39.67	39.78	8.38	37.14	50.69	74.00	-23.31	HORIZONTAL	Peak
6	17355.000	33.96	43.40	10.39	35.32	52.43	68.20	-15.77	HORIZONTAL	Peak

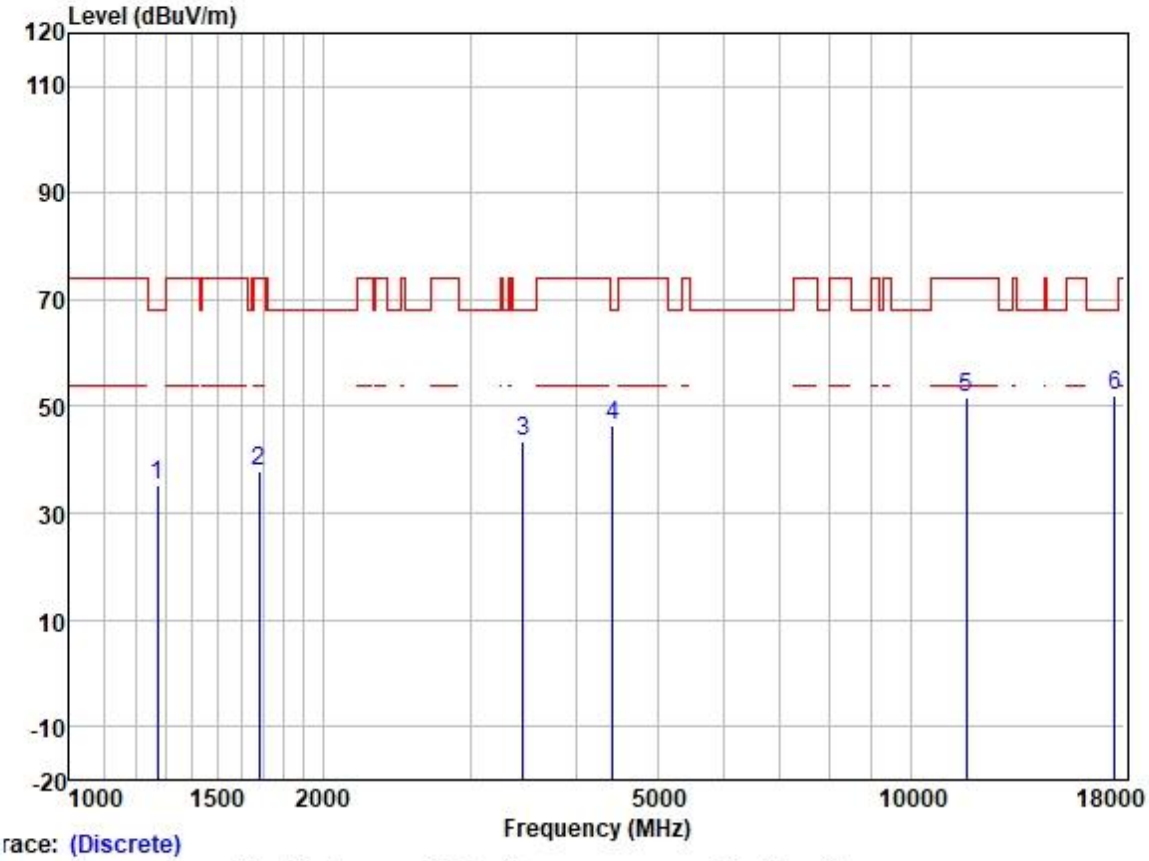
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1189.368	45.88	24.63	2.36	38.39	34.48	74.00	-39.52	VERTICAL	Peak
2	1538.281	46.84	25.53	2.80	38.03	37.14	74.00	-36.86	VERTICAL	Peak
3	3495.691	47.69	28.90	4.30	36.94	43.95	68.20	-24.25	VERTICAL	Peak
4	4133.699	48.72	30.01	4.60	36.80	46.53	74.00	-27.47	VERTICAL	Peak
5	11570.000	38.74	39.78	8.38	37.14	49.76	74.00	-24.24	VERTICAL	Peak
6	17355.000	33.09	43.40	10.39	35.32	51.56	68.20	-16.64	VERTICAL	Peak

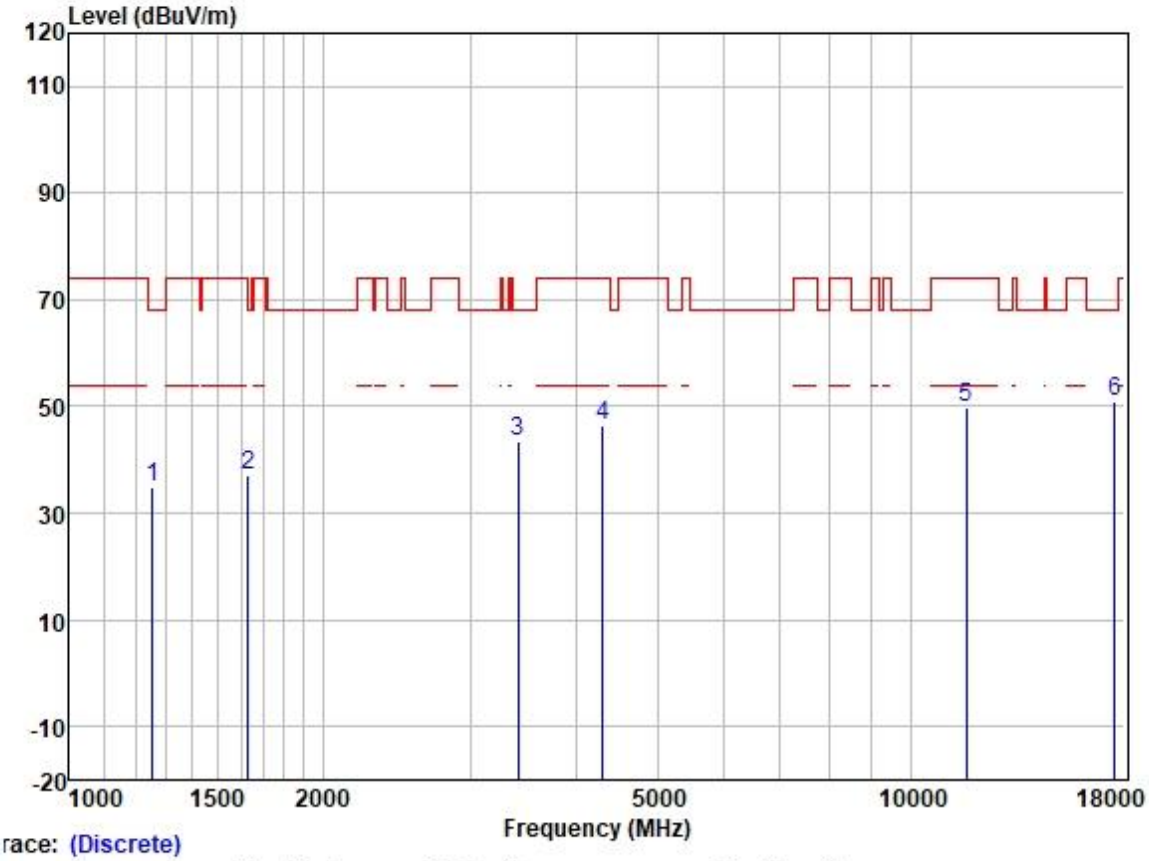
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1271.123	46.02	25.11	2.46	38.33	35.26	68.20	-32.94	HORIZONTAL	Peak
2	1682.477	47.11	25.68	2.80	37.91	37.68	74.00	-36.32	HORIZONTAL	Peak
3	3465.510	47.30	28.88	4.22	36.95	43.45	68.20	-24.75	HORIZONTAL	Peak
4	4430.628	47.62	30.72	4.78	36.81	46.31	68.20	-21.89	HORIZONTAL	Peak
5	11650.000	40.76	39.65	8.35	37.13	51.63	74.00	-22.37	HORIZONTAL	Peak
6	17475.000	32.67	43.90	10.77	35.32	52.02	68.20	-16.18	HORIZONTAL	Peak

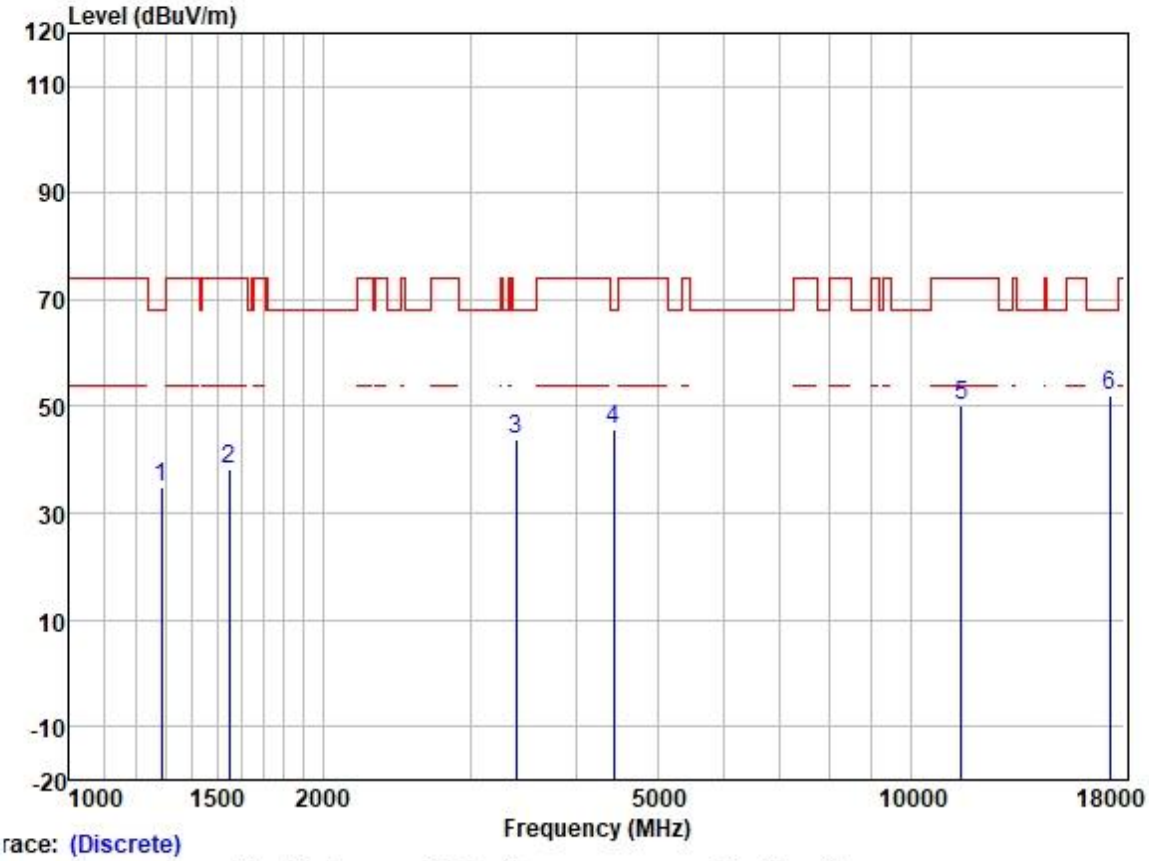
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Freq	ReadLevel	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	1256.512	45.90	25.05	2.38	38.35	34.98	68.20	-33.22	VERTICAL	Peak
2	1629.825	46.70	25.61	2.80	37.95	37.16	68.20	-31.04	VERTICAL	Peak
3	3415.787	47.28	28.85	4.13	36.97	43.29	68.20	-24.91	VERTICAL	Peak
4	4304.400	48.20	30.48	4.65	36.81	46.52	74.00	-27.48	VERTICAL	Peak
5	11650.000	39.04	39.65	8.35	37.13	49.91	74.00	-24.09	VERTICAL	Peak
6	17475.000	31.57	43.90	10.77	35.32	50.92	68.20	-17.28	VERTICAL	Peak

Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1285.904	45.46	25.16	2.53	38.33	34.82	68.20	-33.38	HORIZONTAL	Peak
2	1547.199	47.78	25.53	2.80	38.03	38.08	74.00	-35.92	HORIZONTAL	Peak
3	3396.098	47.89	28.84	4.10	36.98	43.85	68.20	-24.35	HORIZONTAL	Peak
4	4443.453	46.92	30.73	4.83	36.81	45.67	68.20	-22.53	HORIZONTAL	Peak
5	11510.000	38.85	39.90	8.41	37.15	50.01	74.00	-23.99	HORIZONTAL	Peak
6	17265.000	33.75	43.21	10.24	35.33	51.87	68.20	-16.33	HORIZONTAL	Peak