



## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Report No.: SZEM161201112604  
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# TEST REPORT

**Application No.:** SZEM1612011126CR  
**Applicant:** XDynamics Limited  
**Address of Applicant:** Unites 216-217, Photonics Centre NO.2 Science Park East Avenue, Hong Kong  
**Manufacturer:** XDynamics Limited  
**Address of Manufacturer:** Unites 216-217, Photonics Centre NO.2 Science Park East Avenue, Hong Kong  
**Factory:** Vtech Communications Ltd  
**Address of Factory:** Vtech Holding, Liaobu Town, Dongguan, Guangdong  
**Equipment Under Test (EUT):**  
**EUT Name:** EVOLVE Ground Station  
**Model No.:** EVOLVE Ground Station  
**FCC ID:** 2ALI6XD-GS-EVOLVE  
**Standard(s) :** 47 CFR Part 15, Subpart E 15.407  
**Date of Receipt:** 2017-06-28  
**Date of Test:** 2017-07-22 to 2017-10-20  
**Date of Issue:** 2018-03-29

<b>Test Result:</b>	<b>Pass</b>
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\* In the configuration tested, the EUT complied with the standards specified above.



Keny Xu

EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

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<b>Revision Record</b>				
<b>Version</b>	<b>Chapter</b>	<b>Date</b>	<b>Modifier</b>	<b>Remark</b>
01		2018-03-29		Original

<b>Authorized for issue by:</b>			
		Hank Yan	
		<hr/> Hank Yan /Project Engineer	
		Eric Fu	
		<hr/> Eric Fu /Reviewer	

## 2 Test Summary

<b>Radio Spectrum Technical Requirement</b>				
<b>Item</b>	<b>Standard</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
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	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.407 (c)	Pass

N/A: Not applicable

<b>Radio Spectrum Matter Part</b>				
<b>Item</b>	<b>Standard</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)	Pass
Duty Cycle	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 B 1	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 B 1	Pass
99% Bandwidth	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 D	N/A	Pass
26dB Emission bandwidth	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 C 1	47 CFR Part 15, Subpart C 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band )	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 C 2	47 CFR Part 15, Subpart C 15.407 (e)	Pass
Maximum Conducted output power	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 E	47 CFR Part 15, Subpart C 15.407 (a)	Pass
Peak Power spectrum density	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 F	47 CFR Part 15, Subpart C 15.407 (a)	Pass
Radiated Emissions	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Frequency Stability	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart C 15.407 (g)	Pass

N/A: Not applicable

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## 4 General Information

### 4.1 Details of E.U.T.

Power supply:	DC 11.1V/6000mAh Li-ion battery Battery Charger: Model: SUN-1800660 Input: AC 100-240V, 50/60Hz, 2.5A Max Output: DC 18V, 6.6A			
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
UNII Band I	802.11a/n(HT20)/ac(HT20)	5180-5240	4	
	802.11n(HT40)/ac(HT40)	5190-5230	2	
	802.11ac(HT80)	5210	1	
UNII Band II-A	802.11a/n(HT20)/ac(HT20)	5260-5320	4	
	802.11n(HT40)/ac(HT40)	5270-5310	2	
	802.11ac(HT80)	5290	1	
UNII Band II-C	802.11a/n(HT20)/ac(HT20)	5500-5700	11	
	802.11n(HT40)/ac(HT40)	5510-5670	5	
	802.11ac(HT80)	5530~5610	2	
UNII Band III	802.11a/n(HT20)/ac(HT20)	5745-5825	5	
	802.11n(HT40)/ac(HT40)	5755-5795	2	
	802.11ac(HT80)	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)			
Channel Spacing:	802.11a/n(HT20)/ac(HT20): 20MHz 802.11n(HT40)/ac(HT40): 40MHz 802.11ac(HT80): 80MHz			
Antenna Type:	Integral Antenna			
Antenna Gain:	2dBi			

### 4.2 Description of Support Units

The EUT has been tested as an independent unit.



#### 4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$7.25 \times 10^{-8}$
2	Duty cycle	0.37%
3	Occupied Bandwidth	3%
4	RF conducted power	0.75dB
5	RF power density	2.84dB
6	Conducted Spurious emissions	0.75dB
7	RF Radiated power	4.5dB (below 1GHz) 4.8dB (above 1GHz)
8	Radiated Spurious emission test	4.5dB (Below 1GHz) 4.8dB (Above 1GHz)
9	Temperature test	1°C
10	Humidity test	3%
11	Supply voltages	1.5%
12	Time	3%



#### **4.4 Test Location**

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China.  
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No tests were sub-contracted.

#### **4.5 Test Facility**

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

- CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- Industry Canada (IC)**

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

#### **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	ZhongYu Electron	GB-88	SEM001-06	2017-05-10	2018-05-09
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2017-07-13	2018-07-12
LISN	Rohde & Schwarz	ENV216	SEM007-01	2017-09-27	2018-09-26
LISN	ETS-LINDGREN	3816/2	SEM007-02	2017-04-14	2018-04-13
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2017-04-14	2018-04-13

Duty Cycle					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26

99% Bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26

26dB Emission bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26



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Minimum 6 dB bandwidth (5.725-5.85 GHz band )					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26

Maximum Conducted output power					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26

Peak Power spectrum density					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26



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Radiated Emissions					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2017-05-02	2020-05-01
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2017-07-13	2018-07-12
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017-06-27	2020-06-26
Horn Antenna (1-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2015-06-14	2018-06-13
Horn Antenna(15GHz-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2017-09-27	2018-09-26
Low Noise Amplifier(100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2017-09-27	2018-09-27
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2014-11-24	2017-11-24
Pre-amplifier(26GHz-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2017-04-14	2018-04-13
DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21
Band filter	N/A	N/A	SEM023-01	N/A	N/A

Radiated Emissions					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2017-08-05	2020-08-04
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2017-09-27	2018-09-26
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-02	2017-03-05	2020-03-04
Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEM005-01	2017-04-14	2018-04-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2017-07-13	2018-07-12
Cable	SGS	RE1#	--	2017-10-09	2018-10-09



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Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2017-05-02	2020-05-01
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2017-07-13	2018-07-12
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2017-04-14	2018-04-13
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017-06-27	2020-06-26
Horn Antenna (1-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2015-06-14	2018-06-13
Horn Antenna(15GHz-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2017-09-27	2018-09-26
Low Noise Amplifier(100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2017-09-27	2018-09-27
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2014-11-24	2017-11-24
Pre-amplifier(26GHz-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2017-04-14	2018-04-13
DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21
Band filter	N/A	N/A	SEM023-01	N/A	N/A

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-03	2017-09-29	2018-09-28
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2017-09-29	2018-09-28
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2017-09-29	2018-09-28
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2017-04-18	2018-04-17

## **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 a 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 is 2dBi.

Antenna location: Refer to Appendix(Internal photos)

## **6.2 Transmission in the Absence of Data**

### **6.2.1 Test Requirement:**

47 CFR Part 15, Subpart C 15.407 (c)

### **6.2.2 Conclusion**

Standard Requirement:

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

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

EUT Details:

WIFI chip (AR9342) support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

## 7 Radio Spectrum Matter Test Results

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

Test Requirement 47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)  
Test Method: ANSI C63.10 (2013) Section 6.2  
Limit:

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

\*Decreases with the logarithm of the frequency.

#### 7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 54 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case:  
o:Charge + TX mode (Band 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.

n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

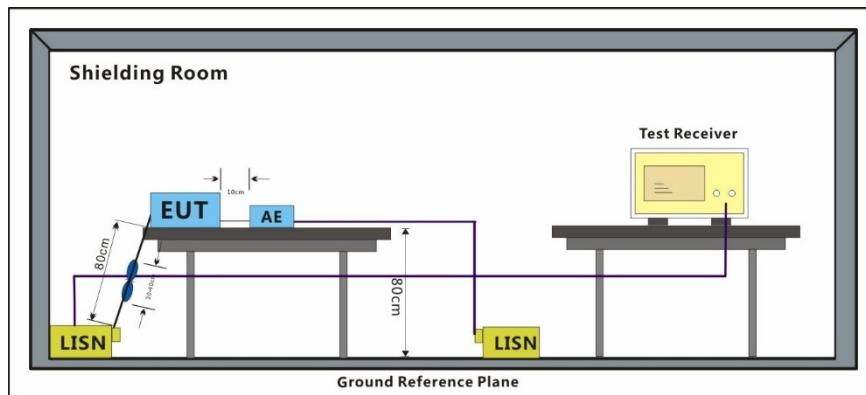
m:Charge + TX mode (Band 2A)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data 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.

l:Charge + TX mode (Band 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.

The worst case for final test:

n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

### 7.1.2 Test Setup Diagram

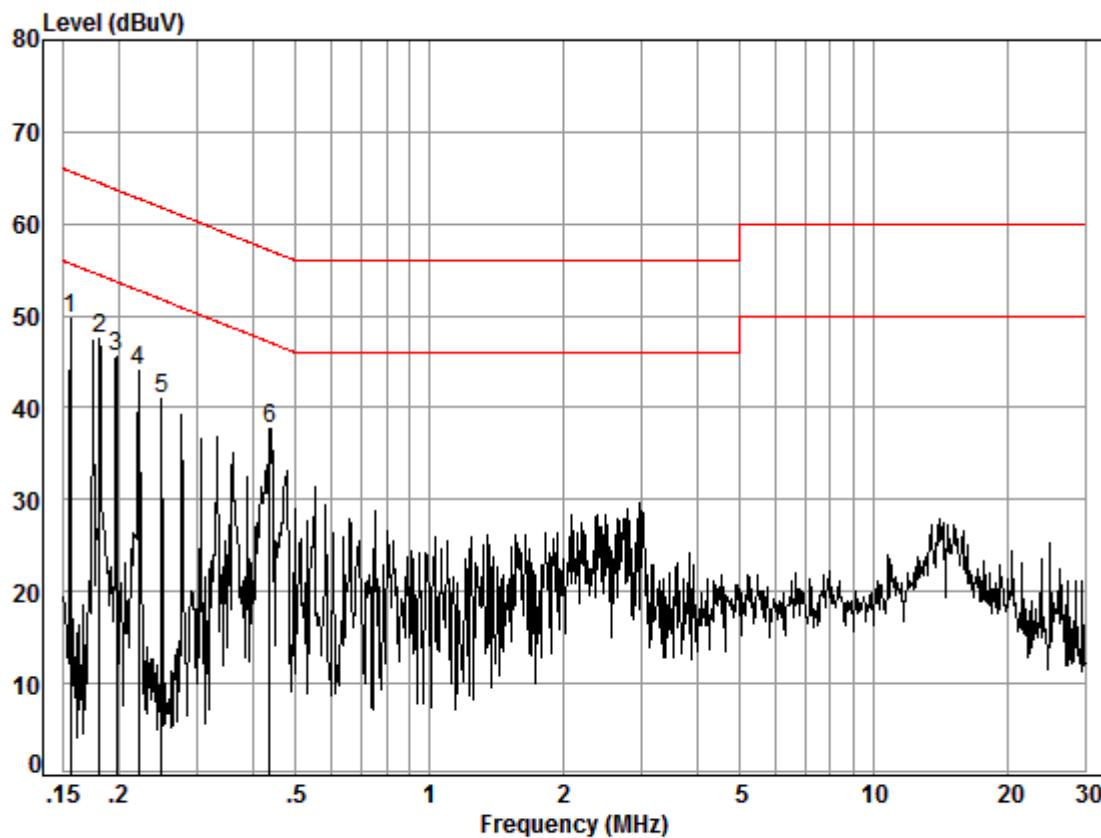


### 7.1.3 Measurement Procedure and Data

- 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/50 $\mu$ H + 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

Mode:n; Line:Live Line



Site : Shielding Room

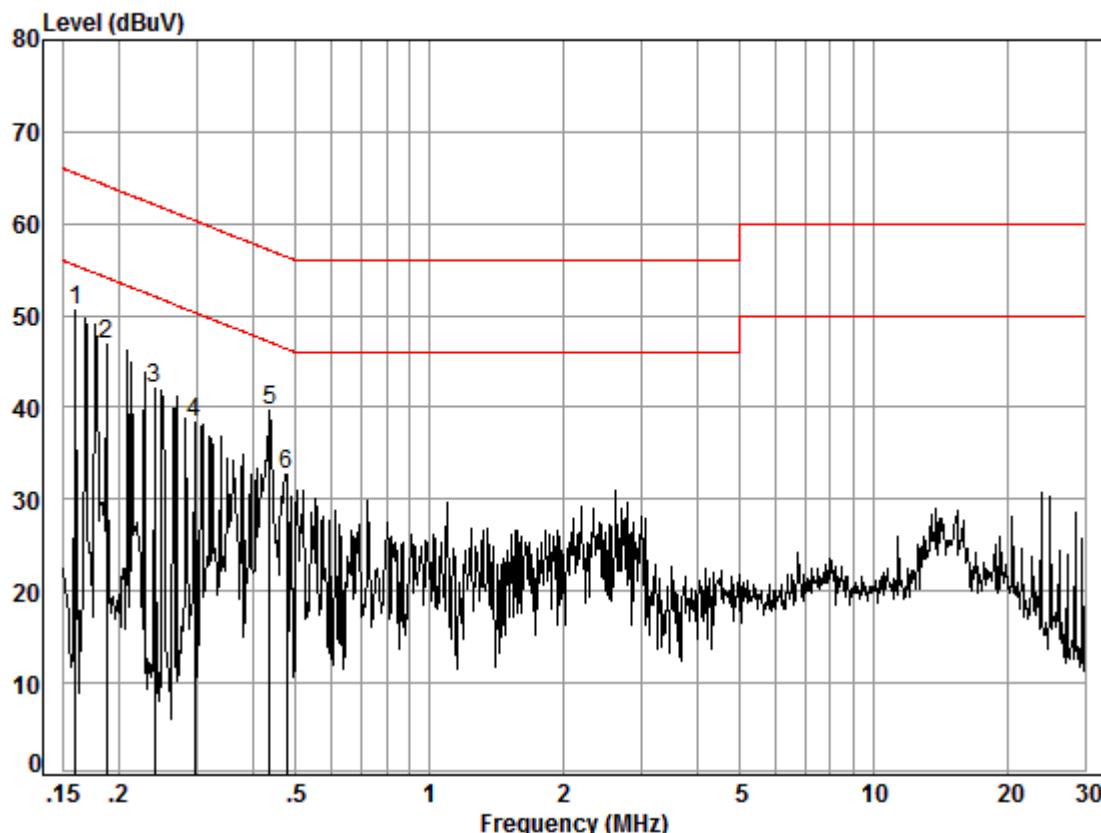
Condition: Line

Job No. : 11126CR

Test mode: n

Freq	Cable	LISN	Read	Limit		Over	Remark
	Loss	Factor	Level	Level	Line	Limit	
	MHz	dB	dB	dBuV	dBuV	dBuV	
1	0.16	0.02	9.51	40.19	49.72	55.69	-5.97 Peak
2	0.18	0.03	9.51	38.06	47.60	54.46	-6.86 Peak
3	0.20	0.03	9.50	35.96	45.49	53.71	-8.22 Peak
4	0.22	0.03	9.50	34.43	43.96	52.74	-8.78 Peak
5	0.25	0.03	9.51	31.45	40.99	51.78	-10.79 Peak
6	0.44	0.04	9.49	28.28	37.81	47.11	-9.30 Peak

Mode:n; Line:Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 11126CR

Test mode: n

Freq	Cable	LISN	Read	Limit		Over	Remark
	Loss	Factor	Level	Level	Line	Limit	
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1	0.16	0.02	9.59	40.95	50.56	55.47	-4.91 Peak
2	0.19	0.03	9.58	37.23	46.84	54.15	-7.31 Peak
3	0.24	0.03	9.58	32.52	42.13	52.08	-9.95 Peak
4	0.30	0.03	9.58	28.78	38.39	50.37	-11.98 Peak
5	0.44	0.04	9.59	30.11	39.74	47.11	-7.37 Peak
6	0.48	0.04	9.60	23.08	32.72	46.41	-13.69 Peak

## 7.2 Duty Cycle

Test Requirement KDB 789033 D02 General UNII Test Procedures New Rules v02r01 B 1

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 B 1

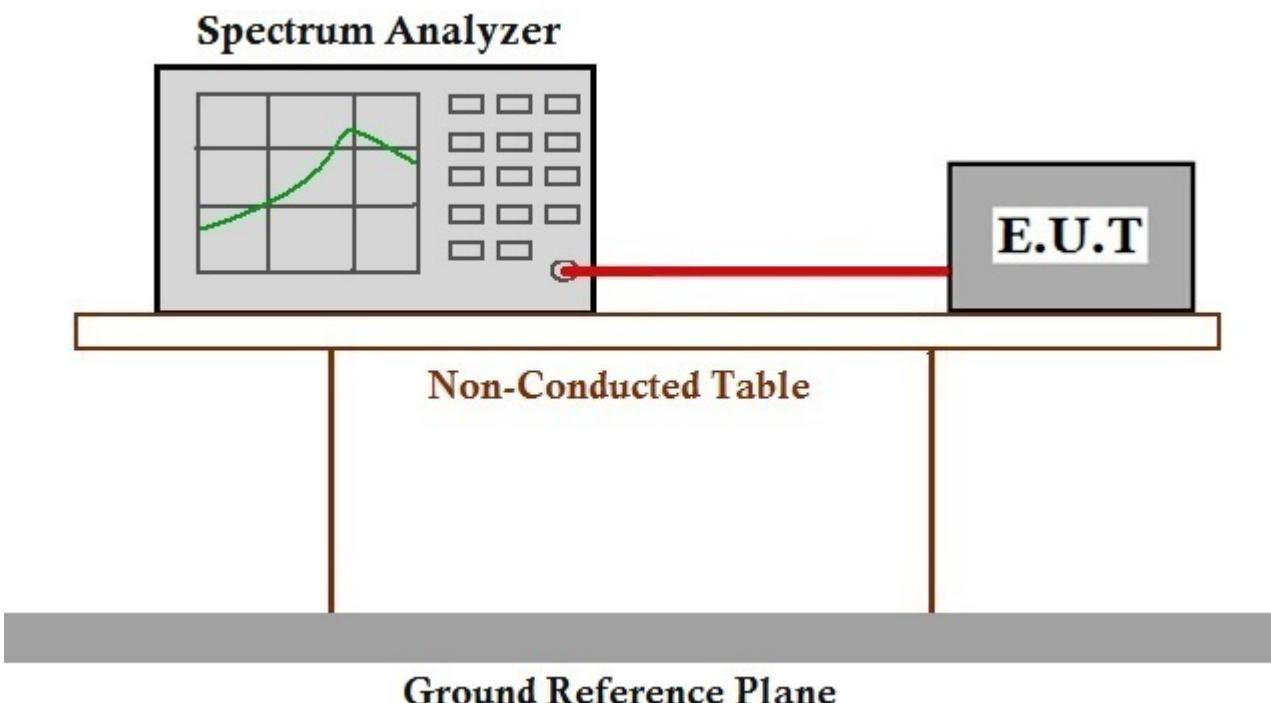
### 7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

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

### 7.2.2 Test Setup Diagram



### 7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

### 7.3 99% Bandwidth

Test Requirement N/A

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 D

#### 7.3.1 E.U.T. Operation

Operating Environment:

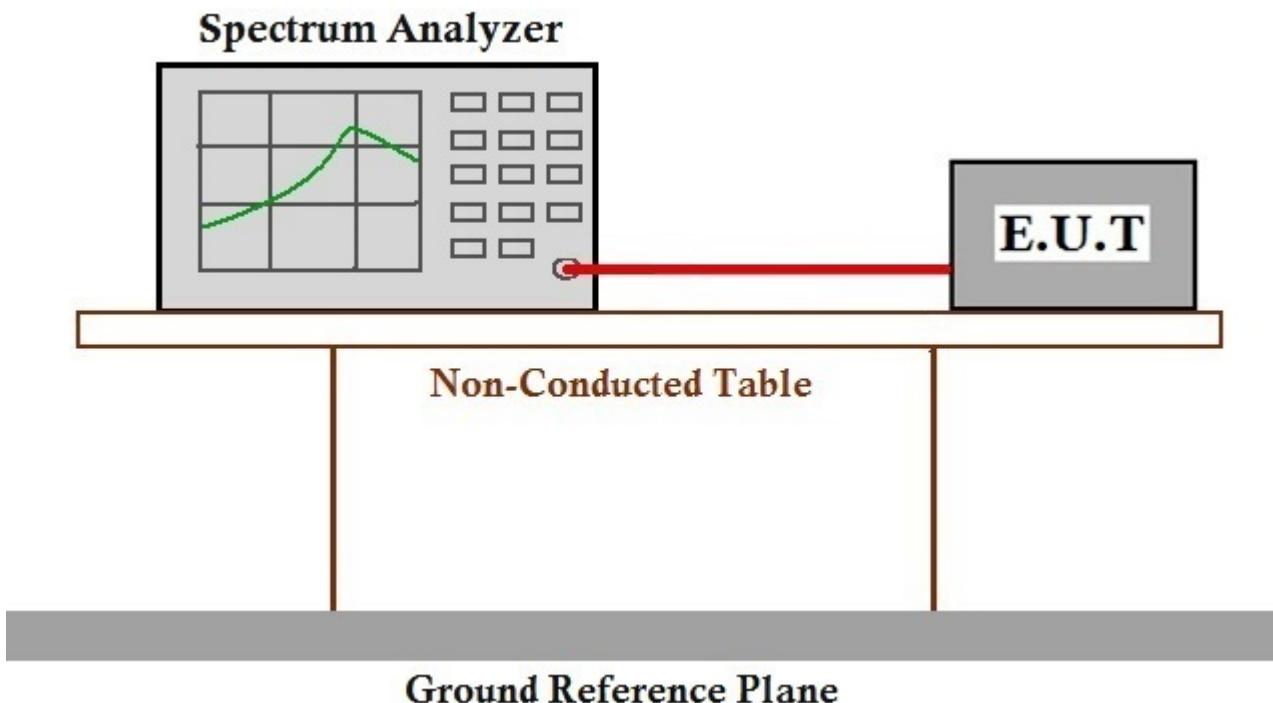
Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case:  
h:TX mode (Band 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.

k:TX mode (Band 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.

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

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

**7.3.2 Test Setup Diagram****7.3.3 Measurement Procedure and Data**

The detailed test data see: Appendix 15.407

## 7.4 26dB Emission bandwidth

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

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 C 1

### 7.4.1 E.U.T. Operation

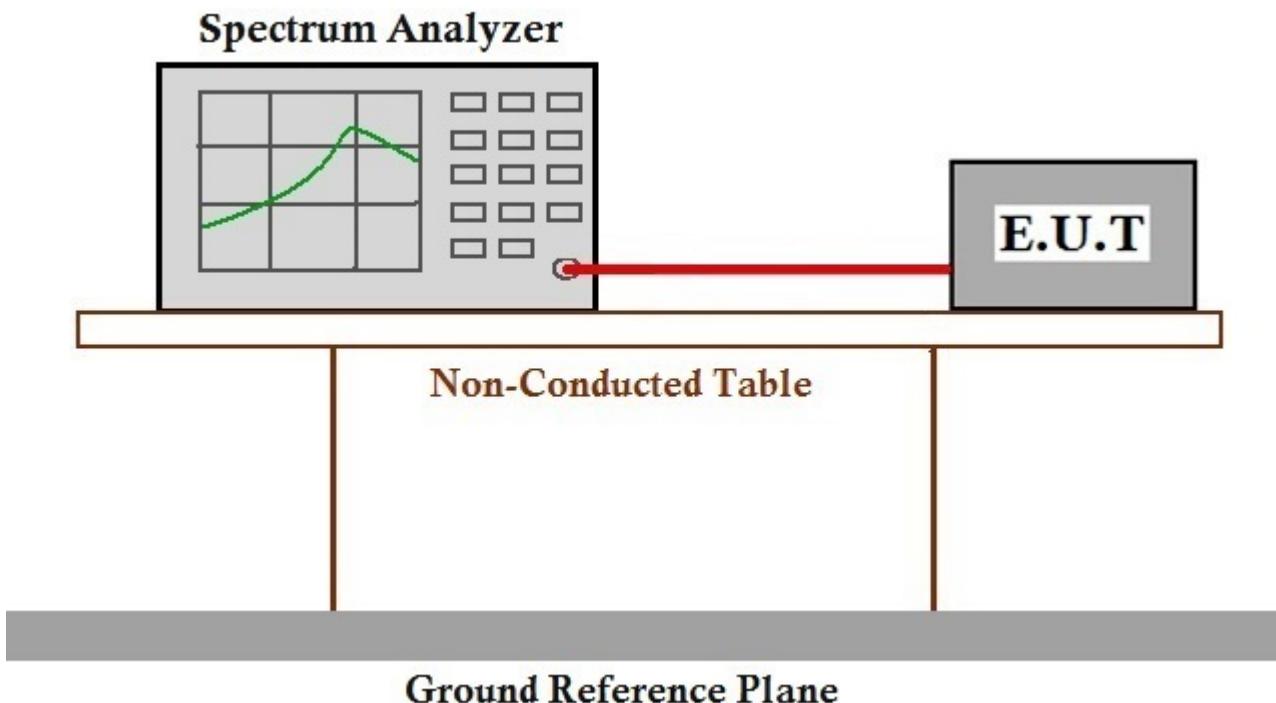
Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

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

k:TX mode (Band 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.

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

**7.4.2 Test Setup Diagram****7.4.3 Measurement Procedure and Data**

The detailed test data see: Appendix 15.407

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

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

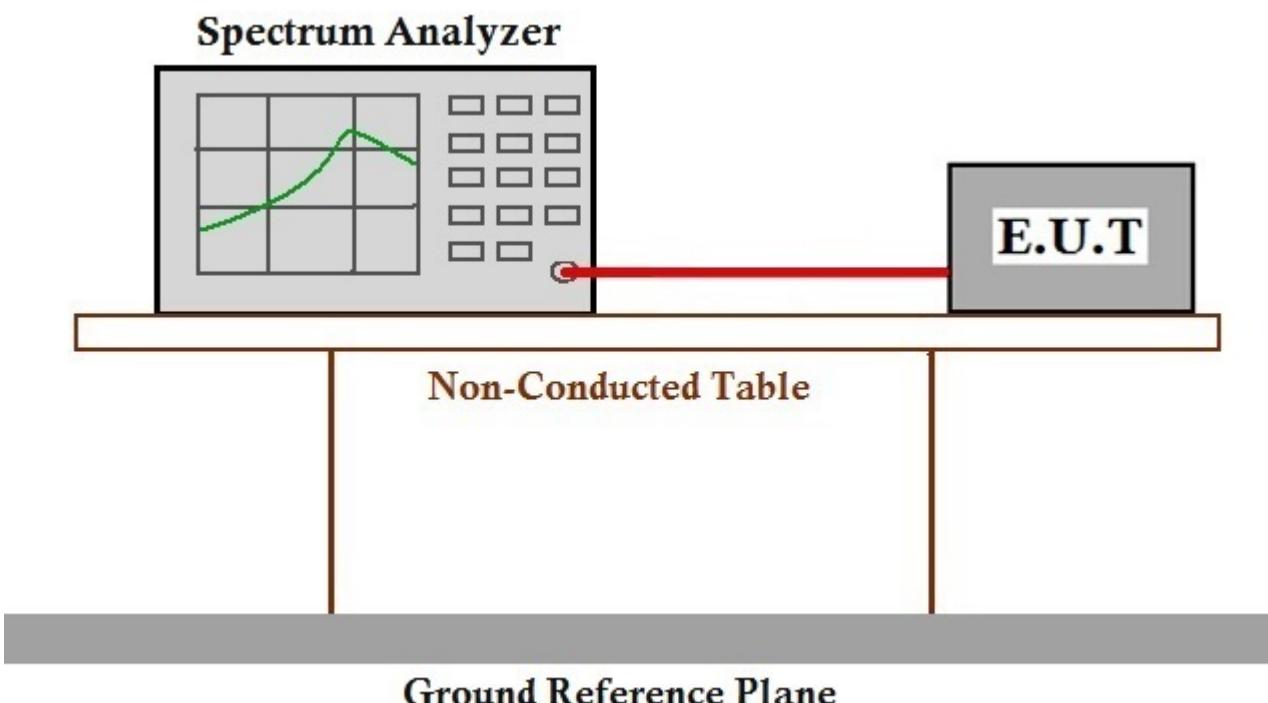
Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 C 2

Limit:  $\geq 500$  kHz**7.5.1 E.U.T. Operation**

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Test mode k:TX mode (Band 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.

**7.5.2 Test Setup Diagram****7.5.3 Measurement Procedure and Data**

The detailed test data see: Appendix 15.407

## 7.6 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)  
Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 E  
Limit:

Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device $\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$

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 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case:  
h:TX mode (Band 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 802.11ac(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.

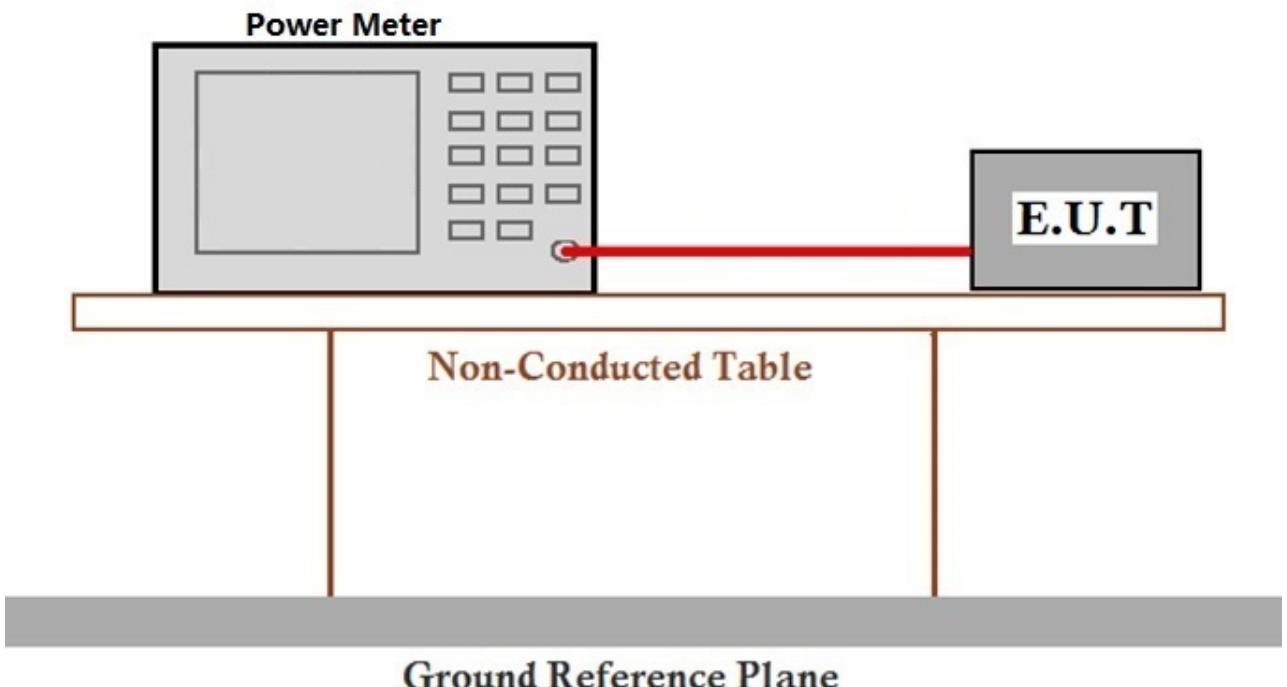
k:TX mode (Band 3)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst 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.

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

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

802.11ac(VHT80). Only the data of worst case is recorded in the report.

#### 7.6.2 Test Setup Diagram



#### 7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.7 Peak Power spectrum density

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

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 F

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master 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:

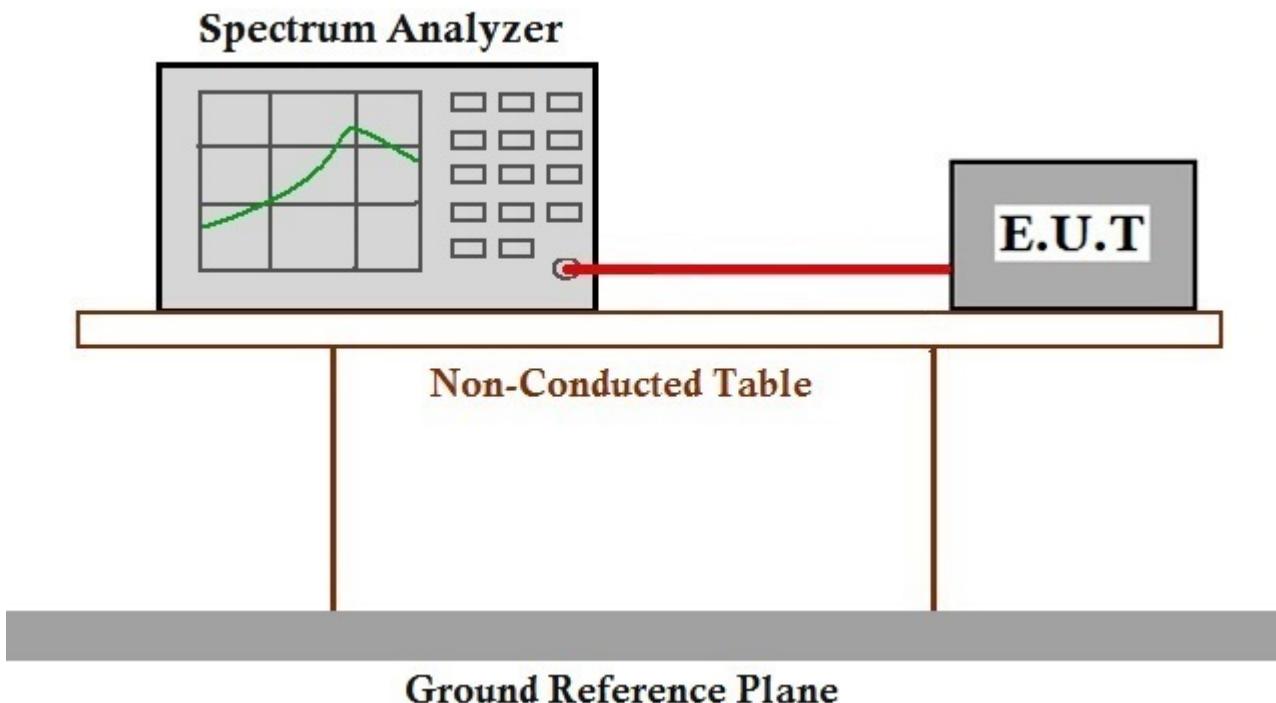
Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case:  
h:TX mode (Band 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 802.11ac(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.

k:TX mode (Band 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 802.11ac(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.

j:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(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.

i:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(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.

**7.7.2 Test Setup Diagram****7.7.3 Measurement Procedure and Data**

The detailed test data see: Appendix 15.407

## 7.8 Radiated Emissions

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

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 G

Measurement Distance: 3m

### 7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case: h:TX mode (Band 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.

o:Charge + TX mode (Band 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.

n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

m:Charge + TX mode (Band 2A)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

l:Charge + TX mode (Band 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.

k:TX mode (Band 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.

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

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

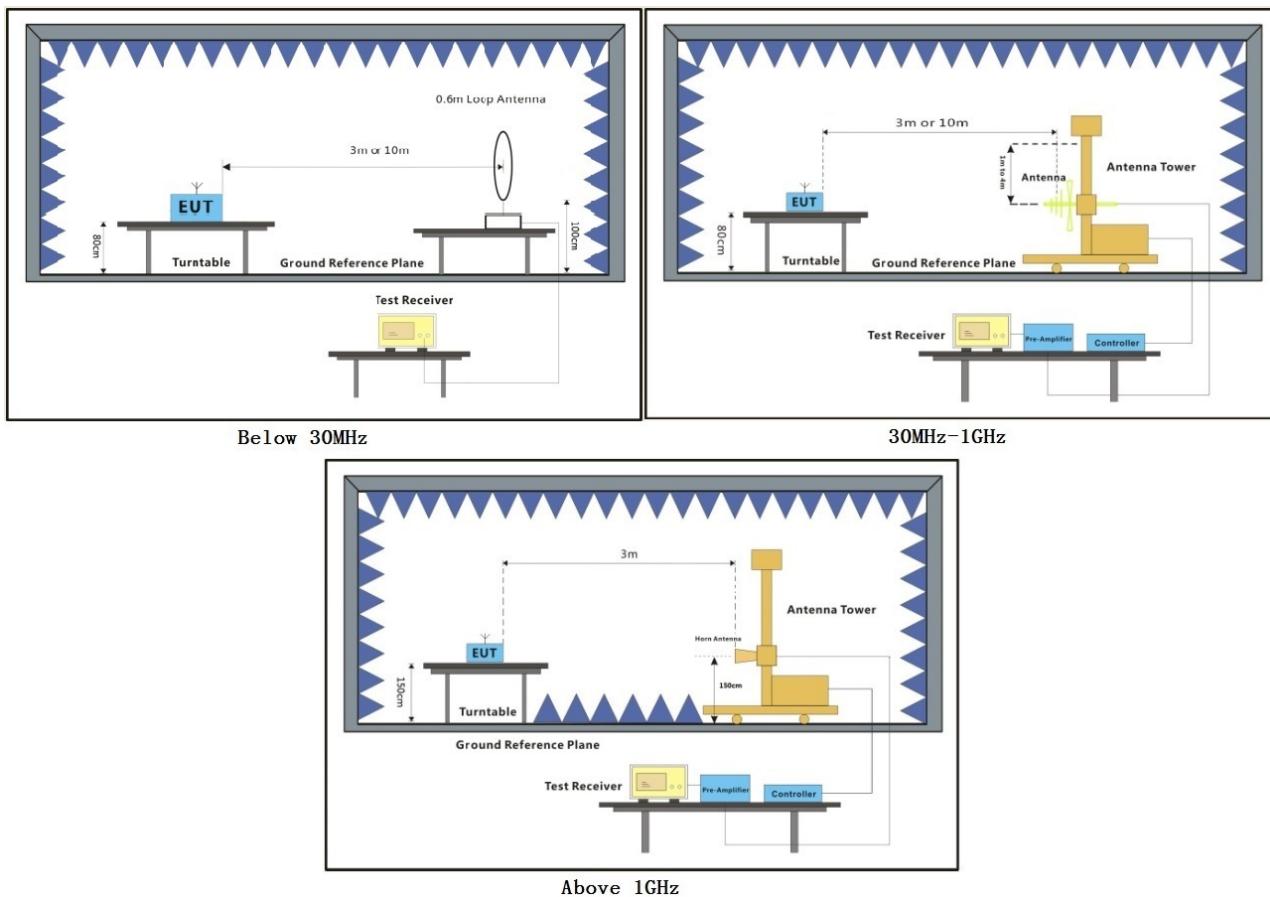
The worst case for final test:  
m:Charge + TX mode (Band 2A)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst 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.

l:Charge + TX mode (Band 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.

n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

o:Charge + TX mode (Band 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.

### 7.8.2 Test Setup Diagram



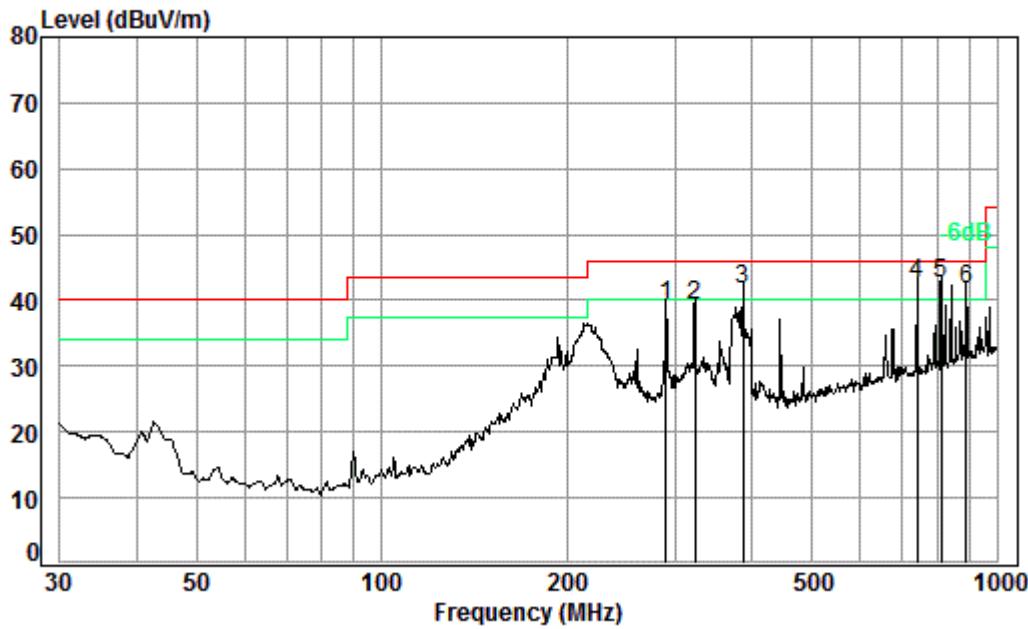
### **7.8.3 Measurement Procedure and Data**

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

Remark:

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.

Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



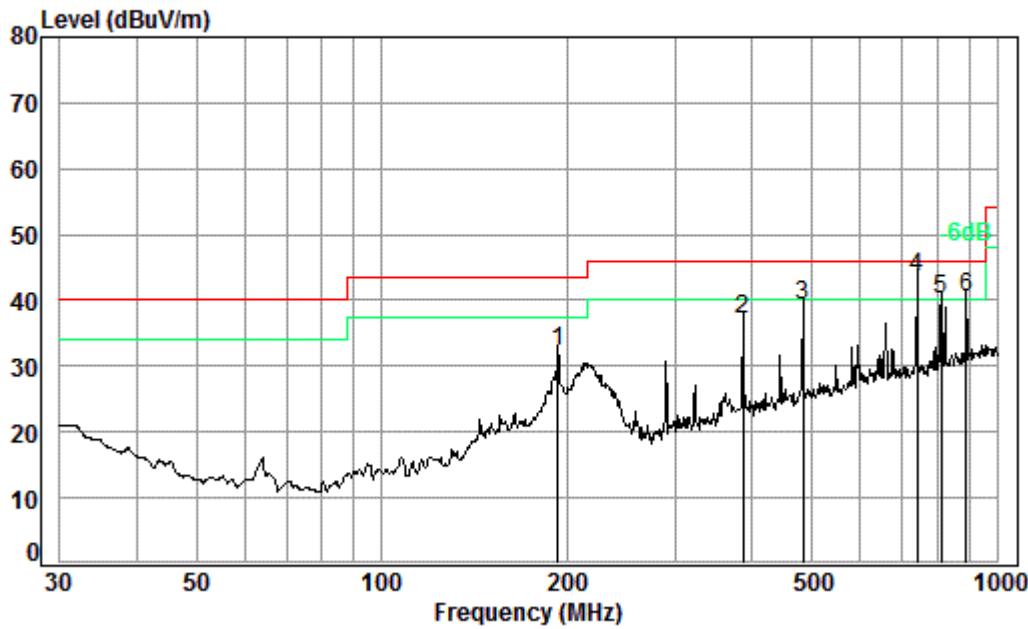
Condition: 3m HORIZONTAL

Job No. : 11126CR

Test mode: 1

Freq	Cable	Ant	Preamp	Read	Limit	Over		
	Loss	Factor	Factor	Level			Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	290.02	1.86	19.21	26.66	44.85	39.26	46.00	-6.74
2	323.32	1.98	20.33	26.78	43.64	39.17	46.00	-6.83
3	386.63	2.17	22.07	27.12	44.47	41.59	46.00	-4.41
4 pp	742.26	3.03	28.16	27.72	39.12	42.59	46.00	-3.41
5	810.27	3.26	28.64	27.58	38.20	42.52	46.00	-3.48
6	890.73	3.57	29.69	27.11	35.64	41.79	46.00	-4.21

Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

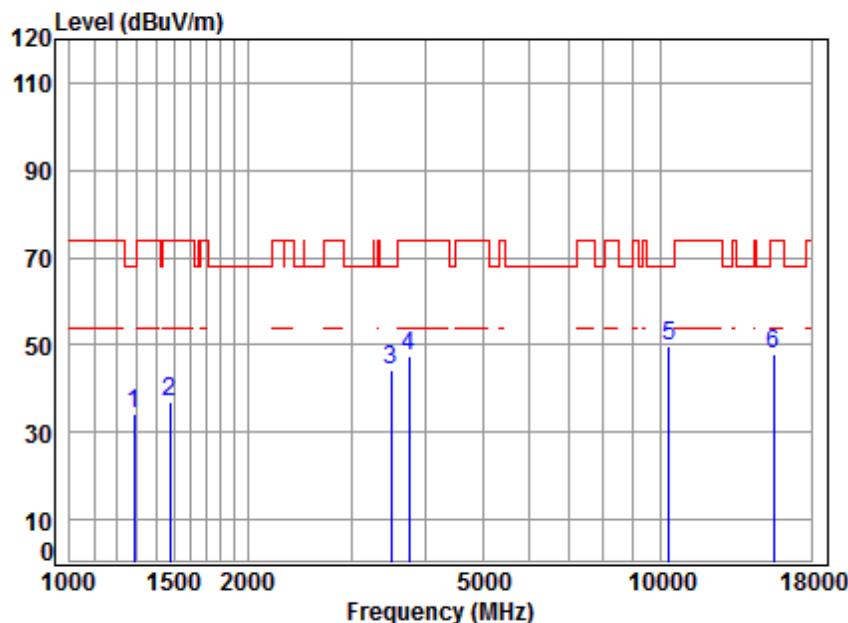
Job No. : 11126CR

Test mode: 1

Freq	Cable	Ant	Preamp	Read	Limit	Over	Over	
	Loss	Factor	Factor	Level				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	193.77	1.39	16.32	26.92	41.45	32.24	43.50	-11.26
2	386.63	2.17	22.07	27.12	39.94	37.06	46.00	-8.94
3	483.91	2.54	24.28	27.54	40.06	39.34	46.00	-6.66
4 pp	742.26	3.03	28.16	27.72	40.10	43.57	46.00	-2.43
5	810.27	3.26	28.64	27.58	35.84	40.16	46.00	-5.84
6	890.73	3.57	29.69	27.11	34.20	40.35	46.00	-5.65

**Above 1GHz:**

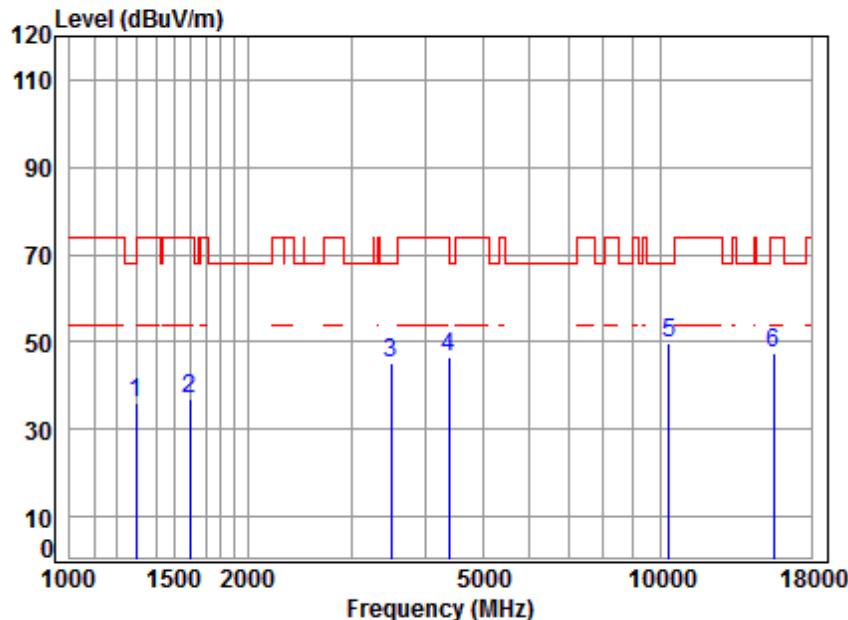
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.49	34.07	68.20	-34.13 peak
2	1477.276	5.41	25.71	38.04	43.93	37.01	74.00	-36.99 peak
3	3495.691	6.46	32.19	37.95	43.41	44.11	68.20	-24.09 peak
4	3757.637	6.74	32.94	37.98	45.82	47.52	74.00	-26.48 peak
5	10360.000	11.19	37.24	35.09	36.43	49.77	68.20	-18.43 peak
6	15540.000	14.30	41.38	38.30	30.54	47.92	74.00	-26.08 peak

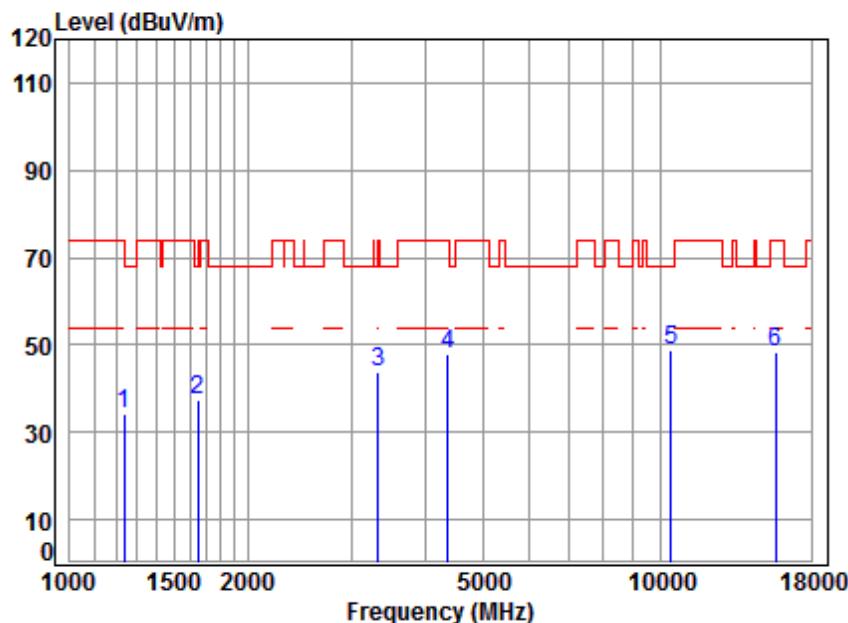
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1297.103	4.79	24.94	38.06	44.28	35.95	68.20	-32.25 peak
2	1597.181	5.35	26.24	38.03	43.36	36.92	74.00	-37.08 peak
3	3495.691	6.46	32.19	37.95	44.47	45.17	68.20	-23.03 peak
4	4379.699	7.43	33.60	38.20	43.91	46.74	74.00	-27.26 peak
5	10360.000	11.19	37.24	35.09	36.34	49.68	68.20	-18.52 peak
6	15540.000	14.30	41.38	38.30	30.12	47.50	74.00	-26.50 peak

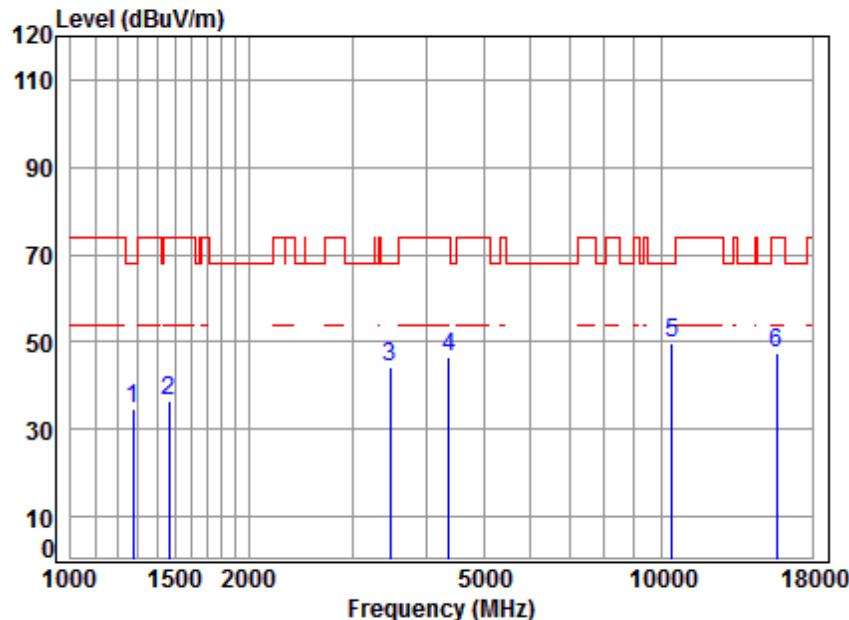
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1234.909	4.55	24.65	38.07	43.00	34.13	74.00	-39.87	peak
2	1648.778	5.29	26.46	38.03	43.80	37.52	68.20	-30.68	peak
3	3328.077	6.30	31.91	37.94	43.74	44.01	68.20	-24.19	peak
4	4367.058	7.41	33.60	38.20	45.00	47.81	74.00	-26.19	peak
5	10440.000	11.25	37.16	35.13	35.55	48.83	68.20	-19.37	peak
6	15660.000	14.48	41.34	38.17	30.82	48.47	74.00	-25.53	peak

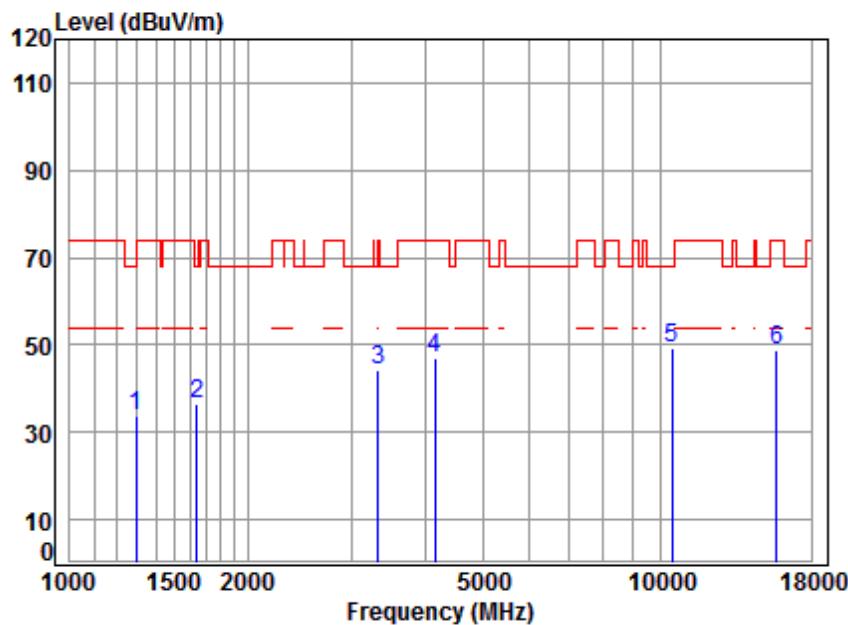
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1274.802	4.71	24.84	38.06	42.98	34.47	68.20	-33.73 peak
2	1464.522	5.37	25.66	38.04	43.58	36.57	74.00	-37.43 peak
3	3475.541	6.44	32.16	37.95	43.50	44.15	68.20	-24.05 peak
4	4367.058	7.41	33.60	38.20	43.74	46.55	74.00	-27.45 peak
5	10440.000	11.25	37.16	35.13	36.53	49.81	68.20	-18.39 peak
6	15660.000	14.48	41.34	38.17	29.92	47.57	74.00	-26.43 peak

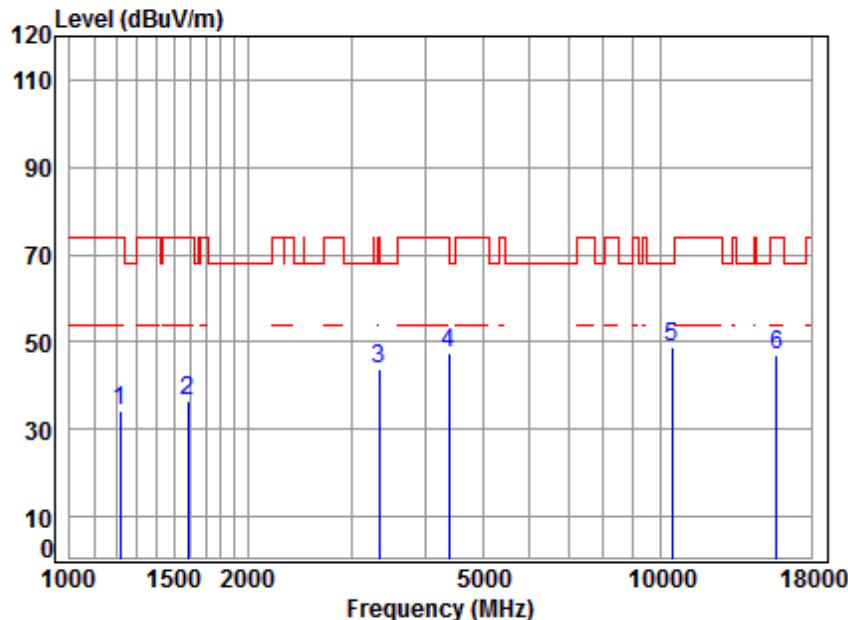
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1297.103	4.79	24.94	38.06	42.23	33.90	68.20	-34.30	peak
2	1644.019	5.30	26.44	38.03	42.85	36.56	68.20	-31.64	peak
3	3328.077	6.30	31.91	37.94	43.89	44.16	68.20	-24.04	peak
4	4145.664	7.16	33.60	38.08	44.30	46.98	74.00	-27.02	peak
5	10480.000	11.28	37.12	35.15	35.90	49.15	68.20	-19.05	peak
6	15720.000	14.57	41.31	38.10	30.98	48.76	74.00	-25.24	peak

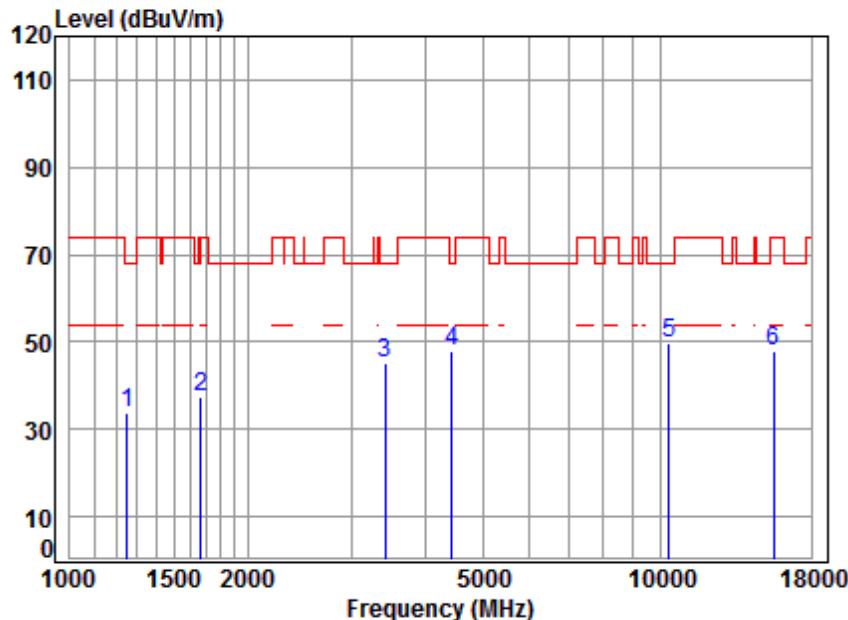
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1	1217.190	4.49	24.56	38.07	43.41	34.39	74.00 -39.61 peak
2	1587.975	5.37	26.20	38.03	43.07	36.61	74.00 -37.39 peak
3	3337.710	6.31	31.92	37.94	43.47	43.76	74.00 -30.24 peak
4	4379.699	7.43	33.60	38.20	44.45	47.28	74.00 -26.72 peak
5	10480.000	11.28	37.12	35.15	35.39	48.64	68.20 -19.56 peak
6	15720.000	14.57	41.31	38.10	29.36	47.14	74.00 -26.86 peak

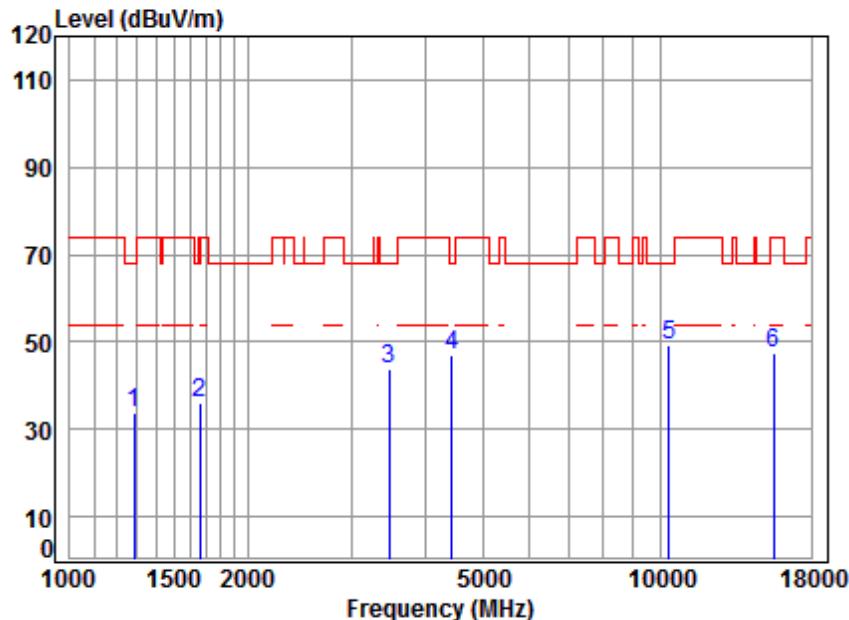
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1249.269	4.61	24.72	38.07	42.46	33.72	68.20	-34.48 peak
2	1667.951	5.27	26.54	38.03	43.45	37.23	74.00	-36.77 peak
3	3415.787	6.38	32.06	37.95	44.67	45.16	68.20	-23.04 peak
4	4430.628	7.48	33.60	38.23	44.83	47.68	68.20	-20.52 peak
5	10360.000	11.19	37.24	35.09	36.21	49.55	68.20	-18.65 peak
6	15540.000	14.30	41.38	38.30	30.55	47.93	74.00	-26.07 peak

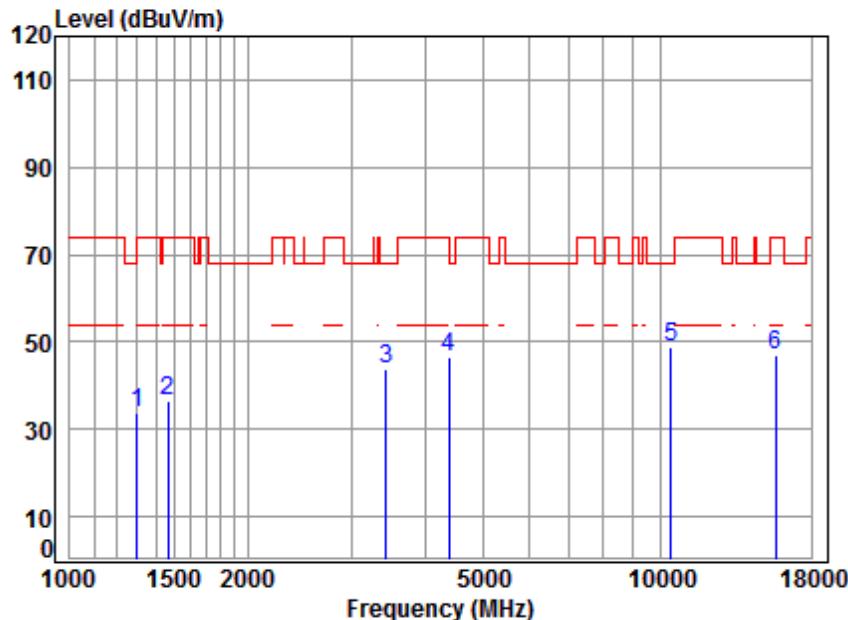
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.07	33.65	68.20	-34.55 peak
2	1663.137	5.27	26.52	38.03	42.41	36.17	74.00	-37.83 peak
3	3475.541	6.44	32.16	37.95	43.19	43.84	68.20	-24.36 peak
4	4443.453	7.50	33.60	38.24	44.19	47.05	68.20	-21.15 peak
5	10360.000	11.19	37.24	35.09	35.90	49.24	68.20	-18.96 peak
6	15540.000	14.30	41.38	38.30	29.87	47.25	74.00	-26.75 peak

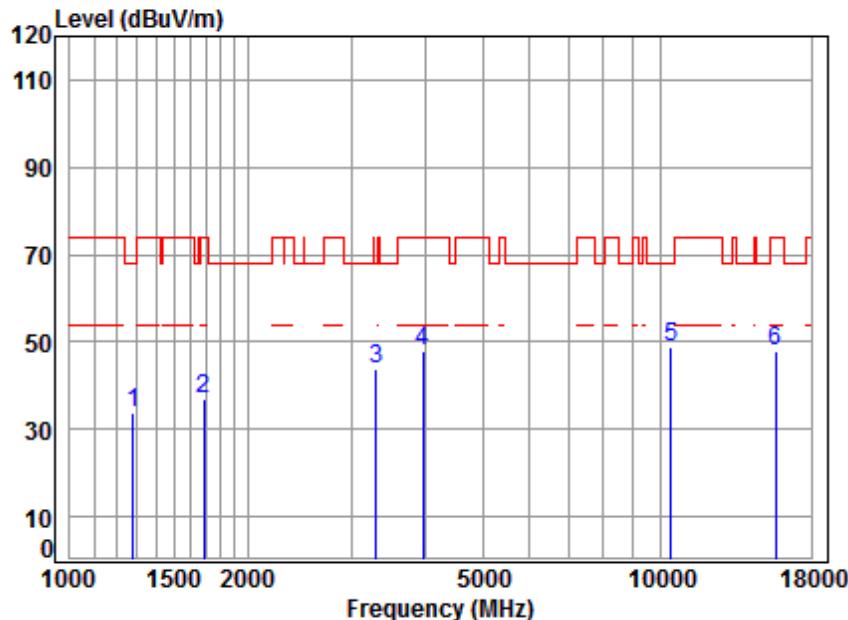
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.17	33.87	74.00	-40.13 peak
2	1468.761	5.38	25.68	38.04	43.39	36.41	74.00	-37.59 peak
3	3435.590	6.40	32.09	37.95	43.21	43.75	68.20	-24.45 peak
4	4392.376	7.44	33.60	38.21	43.67	46.50	74.00	-27.50 peak
5	10440.000	11.25	37.16	35.13	35.36	48.64	68.20	-19.56 peak
6	15660.000	14.48	41.34	38.17	29.52	47.17	74.00	-26.83 peak

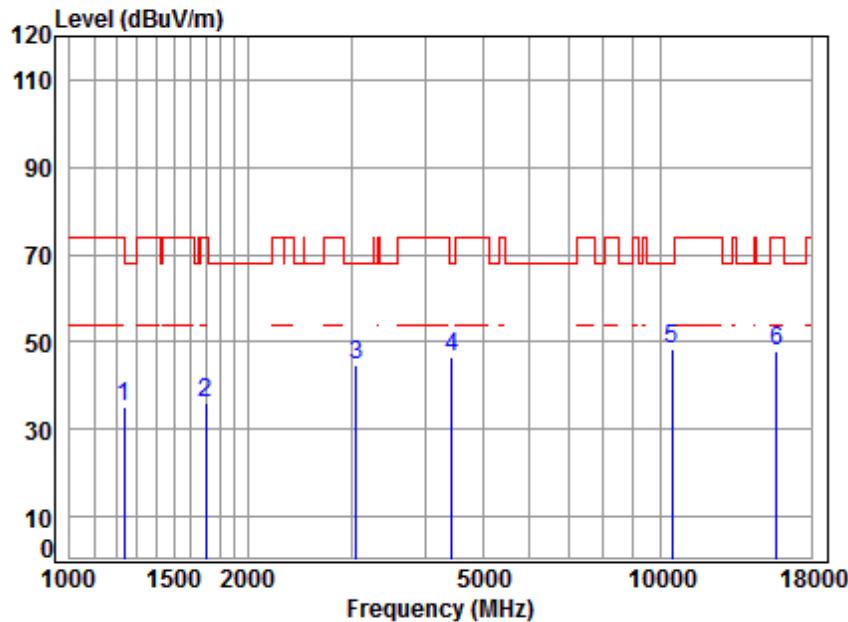
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1282.193	4.73	24.87	38.06	42.36	33.90	68.20	-34.30	peak
2	1687.347	5.24	26.62	38.02	42.96	36.80	74.00	-37.20	peak
3	3308.894	6.29	31.87	37.93	43.54	43.77	68.20	-24.43	peak
4	3958.309	6.94	33.49	38.00	45.46	47.89	74.00	-26.11	peak
5	10440.000	11.25	37.16	35.13	35.71	48.99	68.20	-19.21	peak
6	15660.000	14.48	41.34	38.17	30.46	48.11	74.00	-25.89	peak

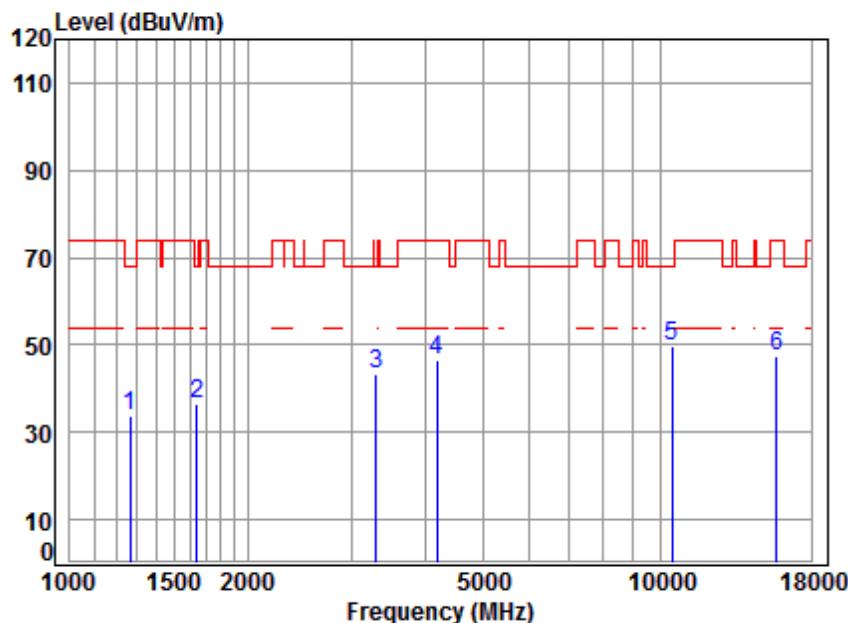
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1238.483	4.57	24.67	38.07	43.85	35.02	74.00	-38.98	peak
2	1697.129	5.23	26.66	38.02	42.29	36.16	74.00	-37.84	peak
3	3060.486	6.04	31.42	37.91	45.18	44.73	68.20	-23.47	peak
4	4443.453	7.50	33.60	38.24	43.89	46.75	68.20	-21.45	peak
5	10480.000	11.28	37.12	35.15	35.10	48.35	68.20	-19.85	peak
6	15720.000	14.57	41.31	38.10	30.17	47.95	74.00	-26.05	peak

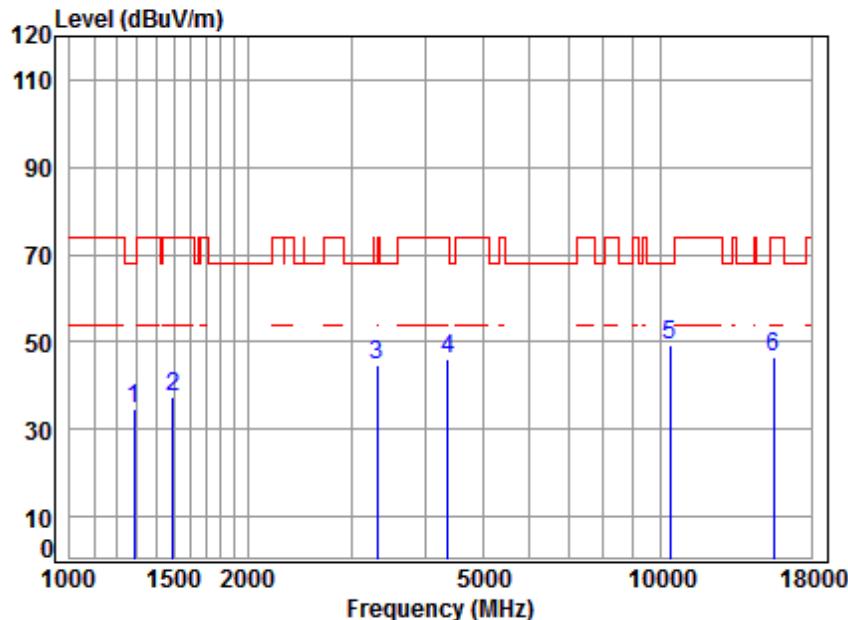
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1263.796	4.66	24.79	38.07	42.32	33.70	68.20	-34.50 peak
2	1639.274	5.30	26.42	38.03	42.69	36.38	68.20	-31.82 peak
3	3299.344	6.28	31.86	37.93	43.27	43.48	68.20	-24.72 peak
4	4181.768	7.20	33.60	38.10	43.82	46.52	74.00	-27.48 peak
5	10480.000	11.28	37.12	35.15	36.33	49.58	68.20	-18.62 peak
6	15720.000	14.57	41.31	38.10	29.58	47.36	74.00	-26.64 peak

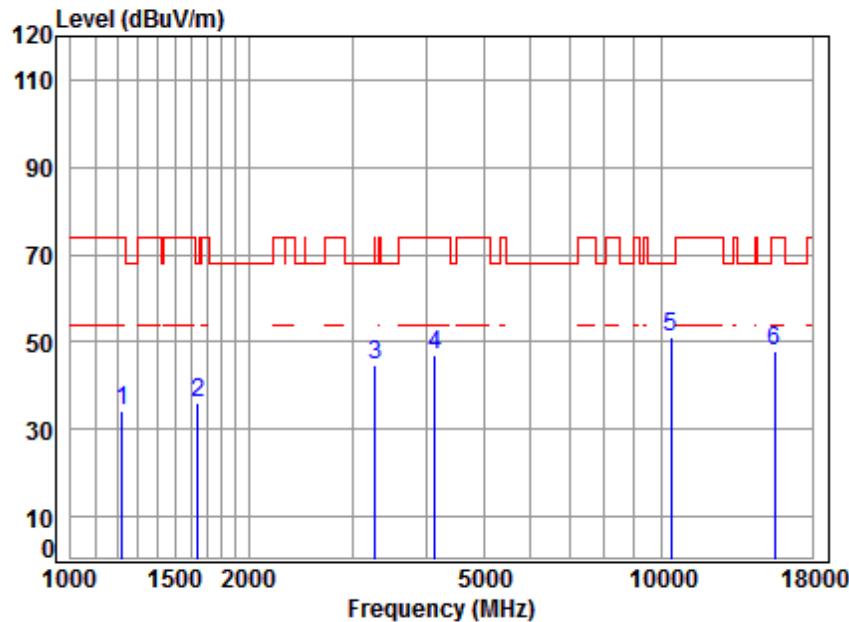
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.88	34.46	68.20	-33.74 peak
2	1494.455	5.46	25.78	38.04	44.40	37.60	74.00	-36.40 peak
3	3318.471	6.29	31.89	37.94	44.28	44.52	68.20	-23.68 peak
4	4367.058	7.41	33.60	38.20	43.47	46.28	74.00	-27.72 peak
5	10380.000	11.21	37.22	35.10	35.77	49.10	68.20	-19.10 peak
6	15570.000	14.35	41.37	38.26	29.28	46.74	74.00	-27.26 peak

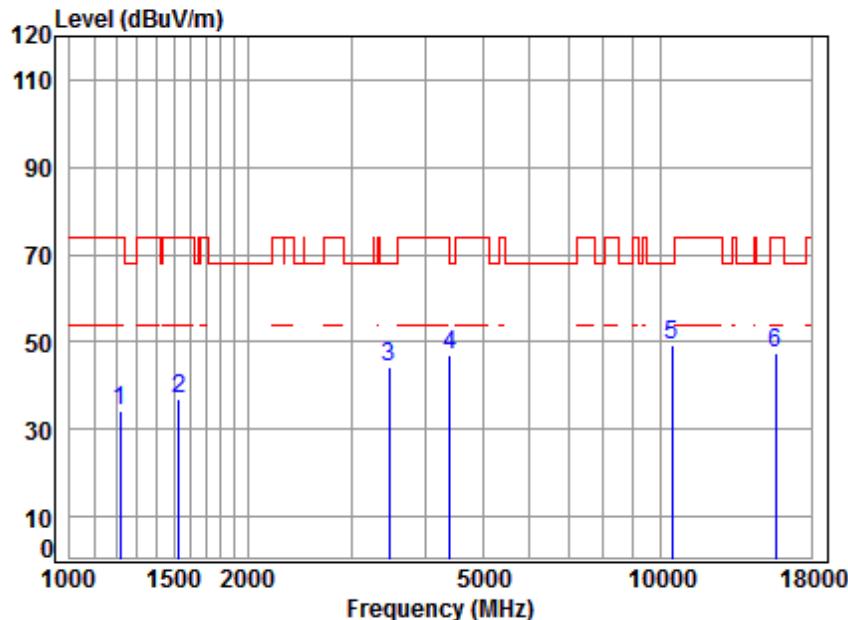
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 TX RSE  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	4.50	24.58	38.07	43.24	34.25	74.00	-39.75	peak
2	1644.019	5.30	26.44	38.03	42.49	36.20	68.20	-32.00	peak
3	3270.858	6.25	31.80	37.93	44.40	44.52	68.20	-23.68	peak
4	4133.699	7.14	33.60	38.07	44.15	46.82	74.00	-27.18	peak
5	10380.000	11.21	37.22	35.10	37.95	51.28	68.20	-16.92	peak
6	15570.000	14.35	41.37	38.26	30.29	47.75	74.00	-26.25	peak

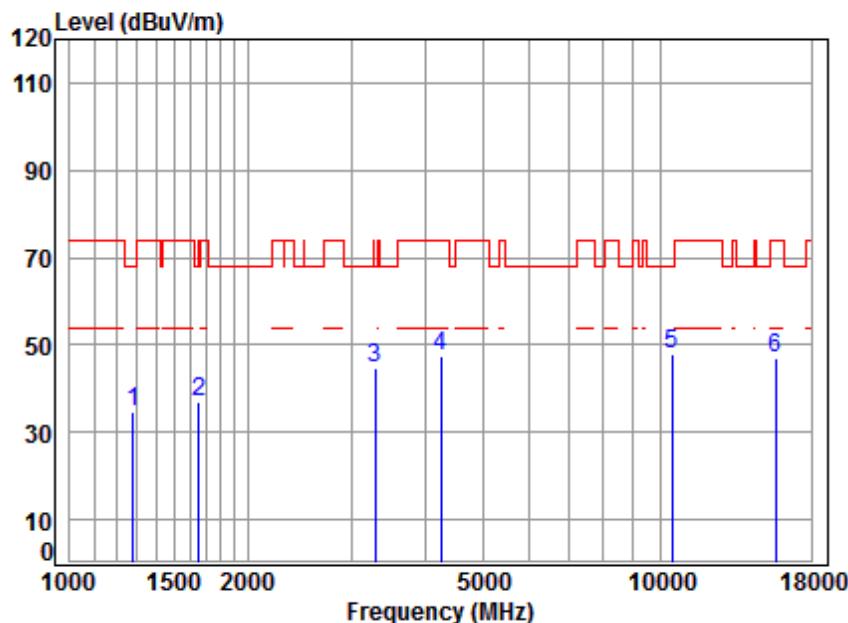
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1217.190	4.49	24.56	38.07	43.02	34.00	74.00	-40.00	peak
2	1529.414	5.44	25.94	38.04	43.39	36.73	74.00	-37.27	peak
3	3475.541	6.44	32.16	37.95	43.45	44.10	68.20	-24.10	peak
4	4405.090	7.46	33.60	38.22	44.12	46.96	68.20	-21.24	peak
5	10460.000	11.26	37.14	35.14	35.86	49.12	68.20	-19.08	peak
6	15690.000	14.53	41.32	38.13	29.64	47.36	74.00	-26.64	peak

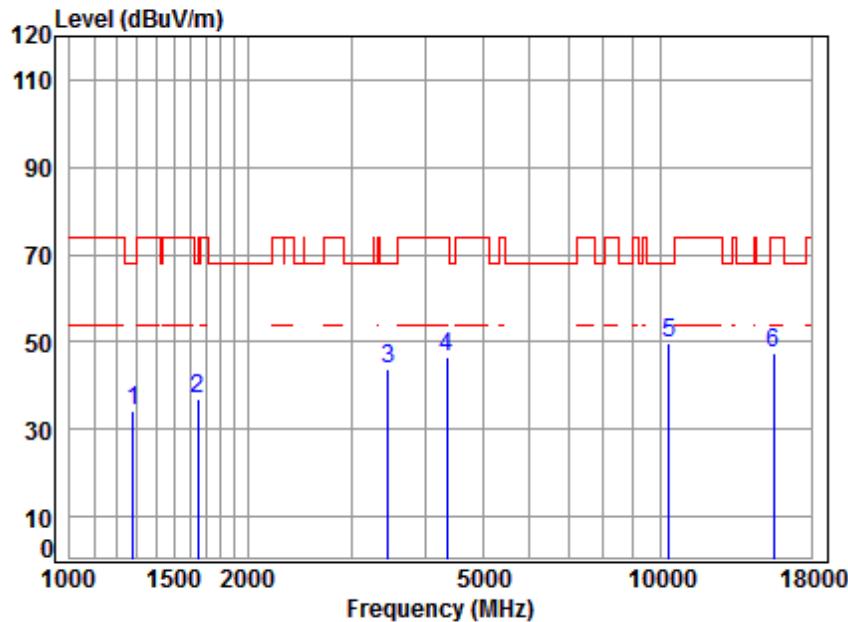
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 TX RSE  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	38.06	43.07	34.61	68.20	-33.59	peak
2	1653.550	5.28	26.48	38.03	43.08	36.81	68.20	-31.39	peak
3	3289.821	6.27	31.84	37.93	44.67	44.85	68.20	-23.35	peak
4	4242.641	7.27	33.60	38.13	44.59	47.33	74.00	-26.67	peak
5	10460.000	11.26	37.14	35.14	34.84	48.10	68.20	-20.10	peak
6	15690.000	14.53	41.32	38.13	29.38	47.10	74.00	-26.90	peak

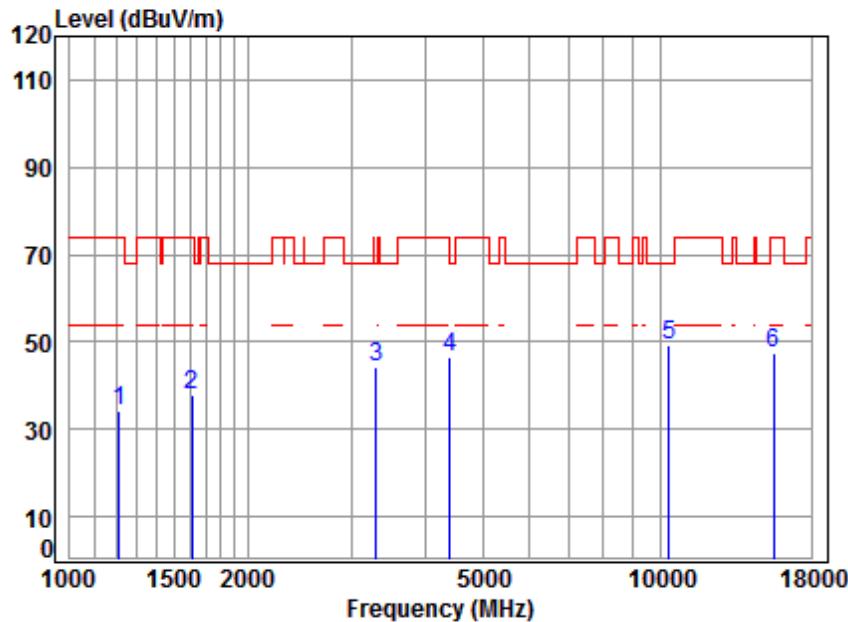
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.77	34.31	68.20	-33.89 peak
2	1648.778	5.29	26.46	38.03	43.03	36.75	68.20	-31.45 peak
3	3455.508	6.42	32.13	37.95	43.17	43.77	68.20	-24.43 peak
4	4354.454	7.40	33.60	38.19	43.58	46.39	74.00	-27.61 peak
5	10360.000	11.19	37.24	35.09	36.60	49.94	68.20	-18.26 peak
6	15540.000	14.30	41.38	38.30	30.18	47.56	74.00	-26.44 peak

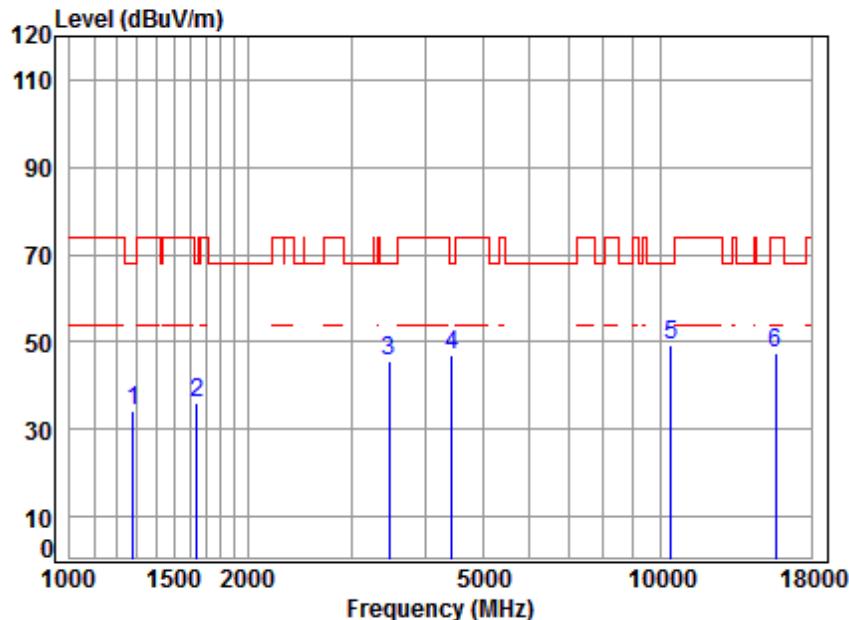
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 TX RSE  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	4.46	24.53	38.07	43.34	34.26	74.00	-39.74	peak
2	1611.091	5.34	26.30	38.03	44.25	37.86	74.00	-36.14	peak
3	3299.344	6.28	31.86	37.93	44.25	44.46	68.20	-23.74	peak
4	4405.090	7.46	33.60	38.22	43.68	46.52	68.20	-21.68	peak
5	10360.000	11.19	37.24	35.09	36.12	49.46	68.20	-18.74	peak
6	15540.000	14.30	41.38	38.30	29.95	47.33	74.00	-26.67	peak

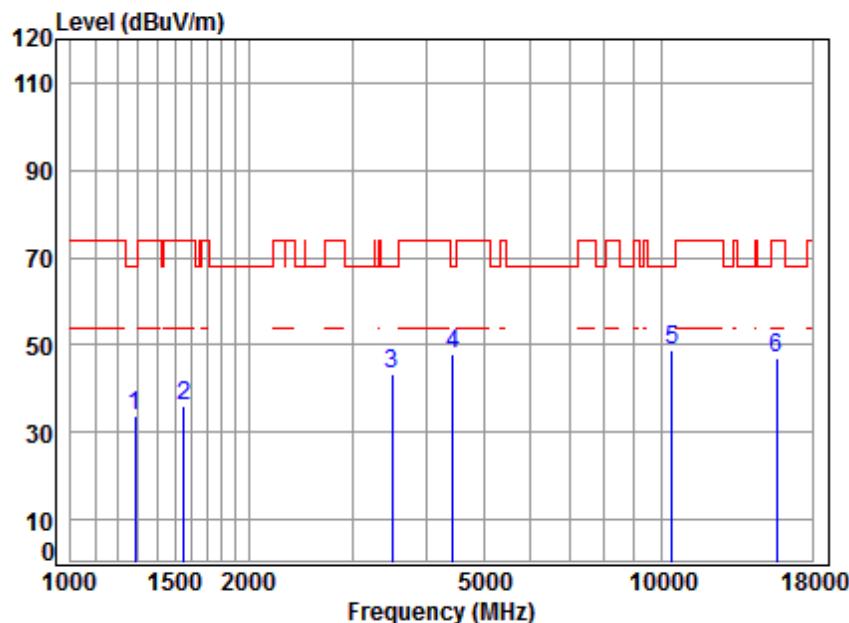
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.87	34.41	68.20	-33.79 peak
2	1644.019	5.30	26.44	38.03	42.52	36.23	68.20	-31.97 peak
3	3475.541	6.44	32.16	37.95	44.79	45.44	68.20	-22.76 peak
4	4443.453	7.50	33.60	38.24	44.24	47.10	68.20	-21.10 peak
5	10440.000	11.25	37.16	35.13	36.02	49.30	68.20	-18.90 peak
6	15660.000	14.48	41.34	38.17	29.86	47.51	74.00	-26.49 peak

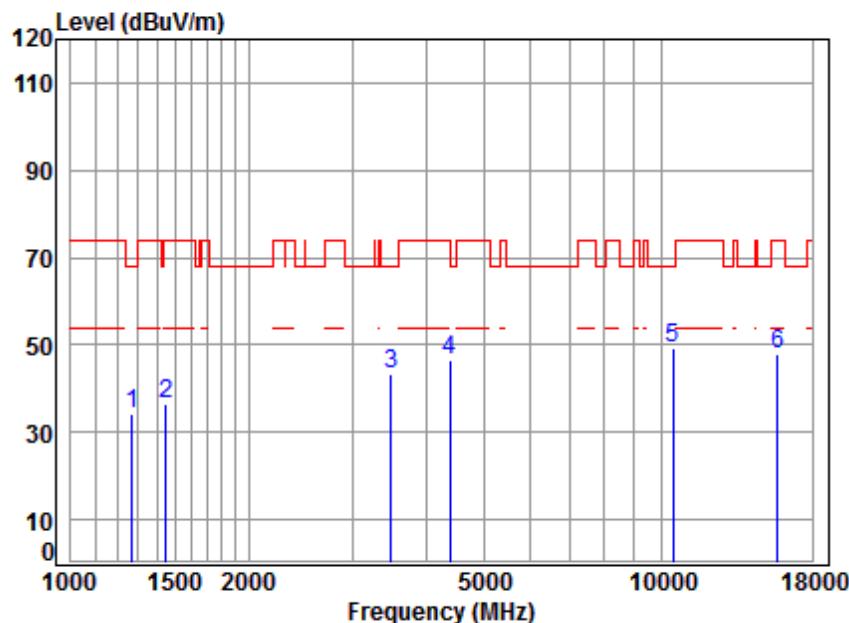
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5220 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.40	33.98	68.20	-34.22 peak
2	1556.169	5.41	26.06	38.04	42.45	35.88	74.00	-38.12 peak
3	3495.691	6.46	32.19	37.95	42.73	43.43	68.20	-24.77 peak
4	4443.453	7.50	33.60	38.24	44.97	47.83	68.20	-20.37 peak
5	10440.000	11.25	37.16	35.13	35.42	48.70	68.20	-19.50 peak
6	15660.000	14.48	41.34	38.17	29.16	46.81	74.00	-27.19 peak

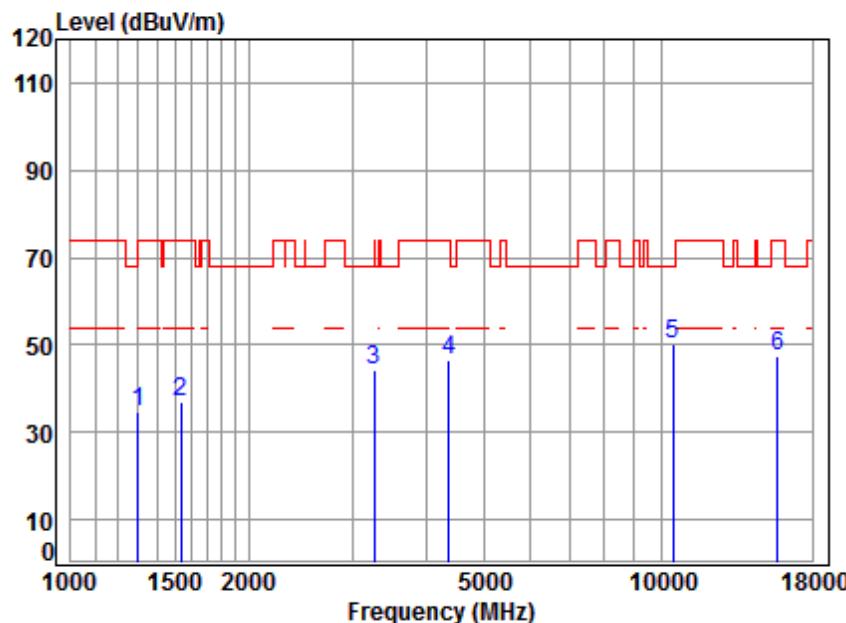
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1271.123	4.69	24.82	38.07	42.57	34.01	68.20	-34.19 peak
2	1447.688	5.31	25.59	38.05	43.53	36.38	74.00	-37.62 peak
3	3485.601	6.45	32.18	37.95	42.72	43.40	68.20	-24.80 peak
4	4392.376	7.44	33.60	38.21	43.89	46.72	74.00	-27.28 peak
5	10480.000	11.28	37.12	35.15	35.89	49.14	68.20	-19.06 peak
6	15720.000	14.57	41.31	38.10	30.20	47.98	74.00	-26.02 peak

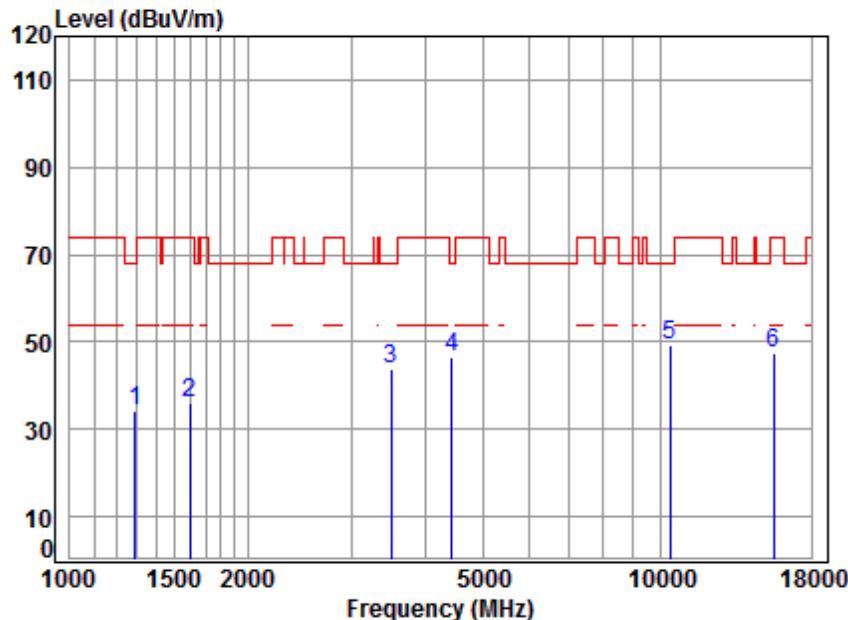
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.77	34.47	74.00	-39.53 peak
2	1533.841	5.44	25.96	38.04	43.52	36.88	74.00	-37.12 peak
3	3261.418	6.24	31.79	37.93	44.01	44.11	74.00	-29.89 peak
4	4367.058	7.41	33.60	38.20	43.86	46.67	74.00	-27.33 peak
5	10480.000	11.28	37.12	35.15	36.89	50.14	68.20	-18.06 peak
6	15720.000	14.57	41.31	38.10	29.50	47.28	74.00	-26.72 peak

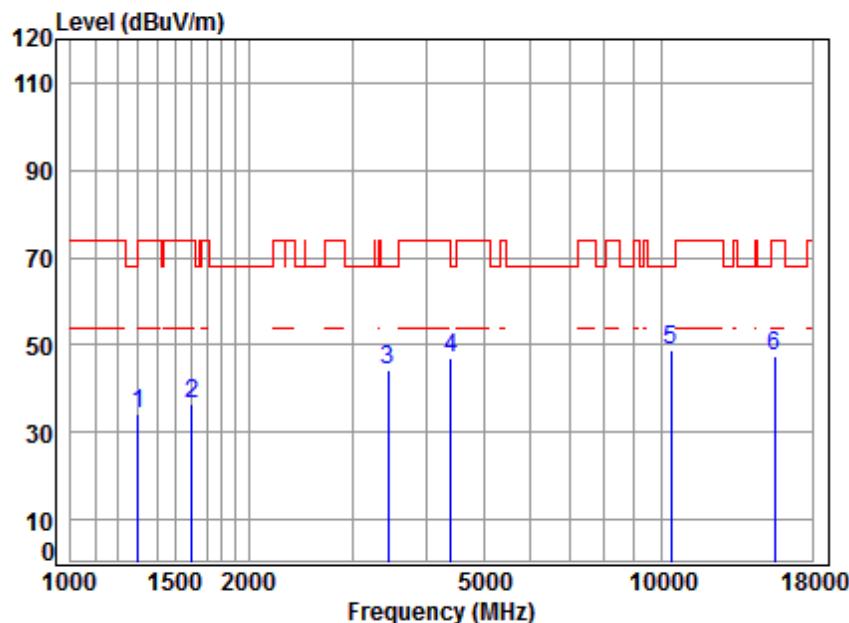
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1289.627	4.76	24.91	38.06	42.66	34.27	68.20	-33.93 peak
2	1597.181	5.35	26.24	38.03	42.49	36.05	74.00	-37.95 peak
3	3495.691	6.46	32.19	37.95	43.31	44.01	68.20	-24.19 peak
4	4443.453	7.50	33.60	38.24	43.69	46.55	68.20	-21.65 peak
5	10380.000	11.21	37.22	35.10	35.76	49.09	68.20	-19.11 peak
6	15570.000	14.35	41.37	38.26	29.91	47.37	74.00	-26.63 peak

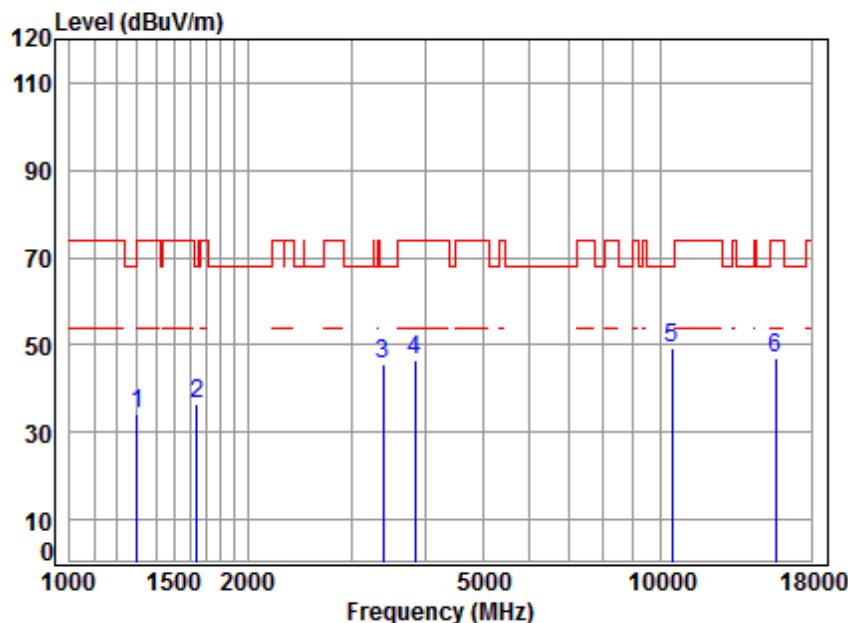
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 TX RSE  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	4.80	24.96	38.06	42.36	34.06	74.00	-39.94	peak
2	1601.804	5.35	26.26	38.03	43.03	36.61	74.00	-37.39	peak
3	3445.535	6.41	32.11	37.95	43.78	44.35	68.20	-23.85	peak
4	4405.090	7.46	33.60	38.22	43.93	46.77	68.20	-21.43	peak
5	10380.000	11.21	37.22	35.10	35.28	48.61	68.20	-19.59	peak
6	15570.000	14.35	41.37	38.26	30.05	47.51	74.00	-26.49	peak

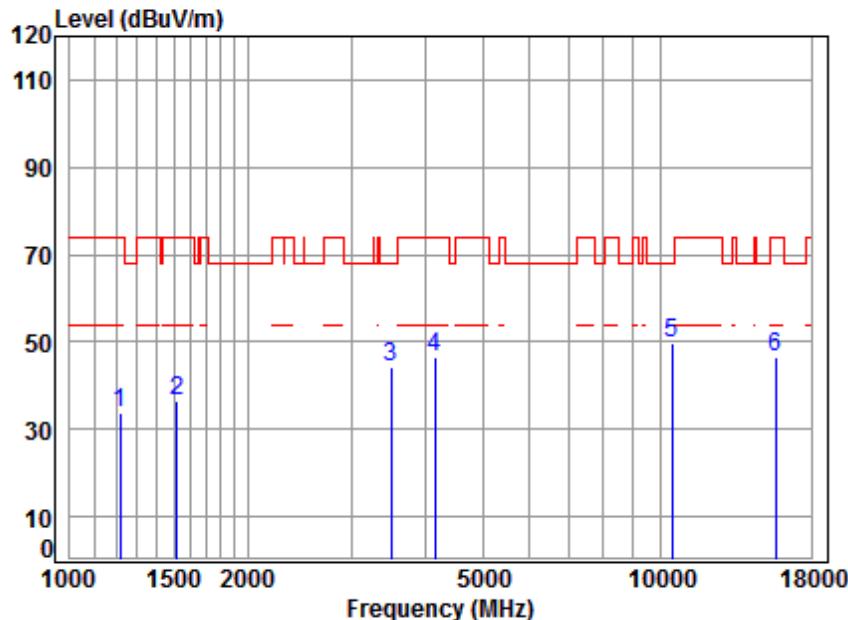
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.64	34.34	74.00	-39.66 peak
2	1644.019	5.30	26.44	38.03	42.85	36.56	68.20	-31.64 peak
3	3396.098	6.37	32.02	37.94	45.10	45.55	68.20	-22.65 peak
4	3845.537	6.83	33.19	37.99	44.59	46.62	74.00	-27.38 peak
5	10460.000	11.26	37.14	35.14	35.89	49.15	68.20	-19.05 peak
6	15690.000	14.53	41.32	38.13	29.10	46.82	74.00	-27.18 peak

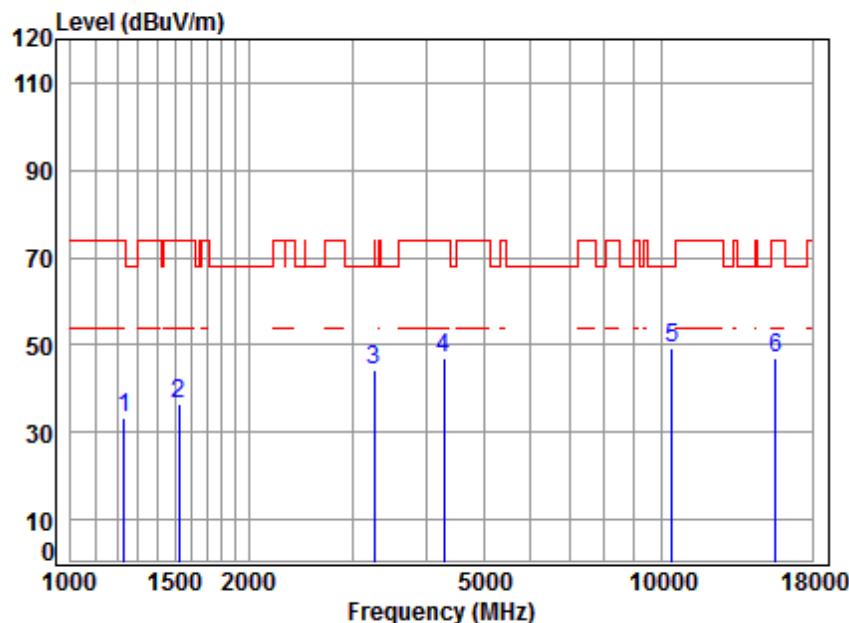
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1217.190	4.49	24.56	38.07	42.58	33.56	74.00	-40.44 peak
2	1520.598	5.45	25.89	38.04	43.17	36.47	74.00	-37.53 peak
3	3495.691	6.46	32.19	37.95	43.34	44.04	68.20	-24.16 peak
4	4145.664	7.16	33.60	38.08	43.95	46.63	74.00	-27.37 peak
5	10460.000	11.26	37.14	35.14	36.38	49.64	68.20	-18.56 peak
6	15690.000	14.53	41.32	38.13	28.86	46.58	74.00	-27.42 peak

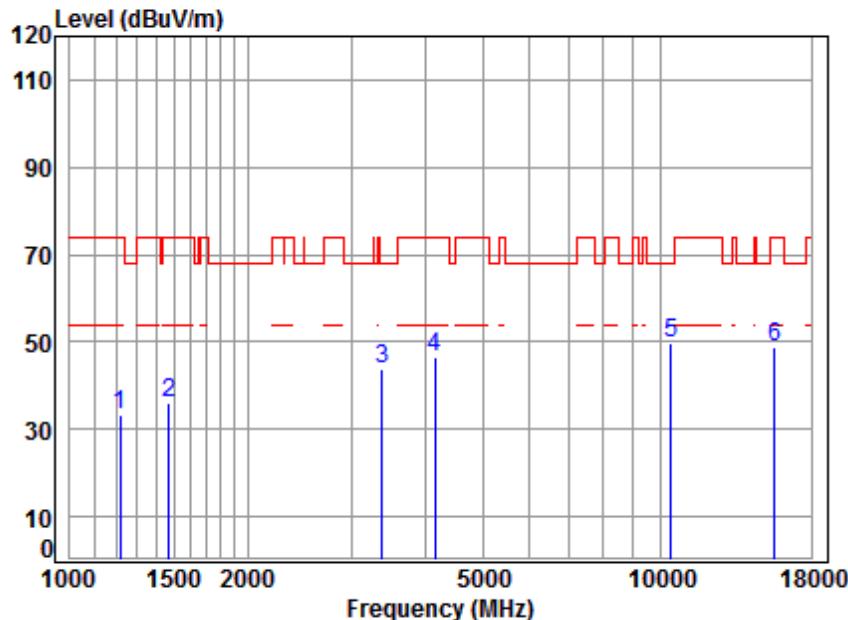
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5210 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1231.345	4.54	24.63	38.07	42.08	33.18	74.00	-40.82 peak
2	1525.000	5.45	25.91	38.04	43.08	36.40	74.00	-37.60 peak
3	3261.418	6.24	31.79	37.93	44.26	44.36	74.00	-29.64 peak
4	4291.977	7.33	33.60	38.16	44.34	47.11	74.00	-26.89 peak
5	10420.000	11.24	37.18	35.12	36.02	49.32	68.20	-18.88 peak
6	15630.000	14.44	41.35	38.20	29.20	46.79	74.00	-27.21 peak

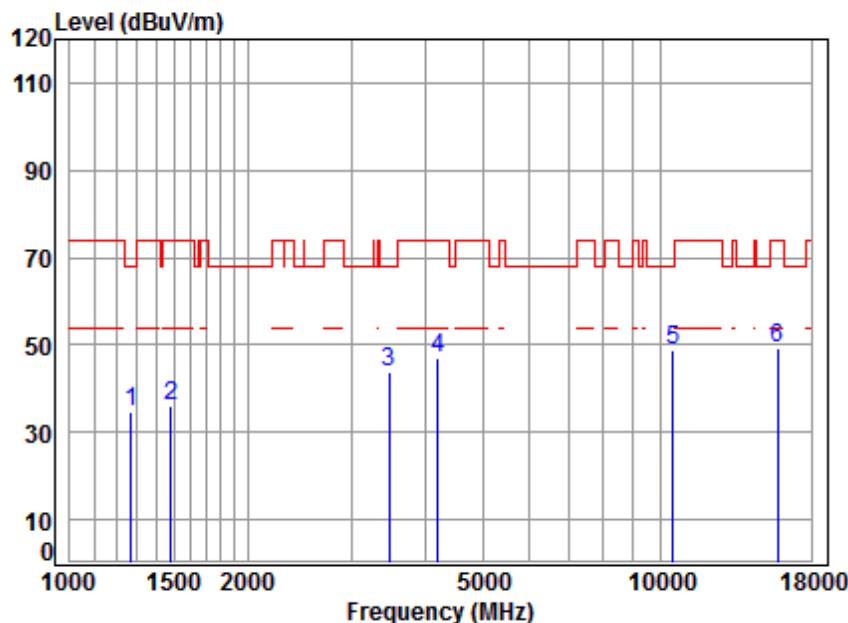
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5210 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1	1217.190	4.49	24.56	38.07	42.55	33.53	74.00 -40.47 peak
2	1473.013	5.39	25.69	38.04	42.84	35.88	74.00 -38.12 peak
3	3386.297	6.36	32.01	37.94	43.37	43.80	68.20 -24.40 peak
4	4145.664	7.16	33.60	38.08	44.05	46.73	74.00 -27.27 peak
5	10420.000	11.24	37.18	35.12	36.50	49.80	68.20 -18.40 peak
6	15630.000	14.44	41.35	38.20	31.11	48.70	74.00 -25.30 peak

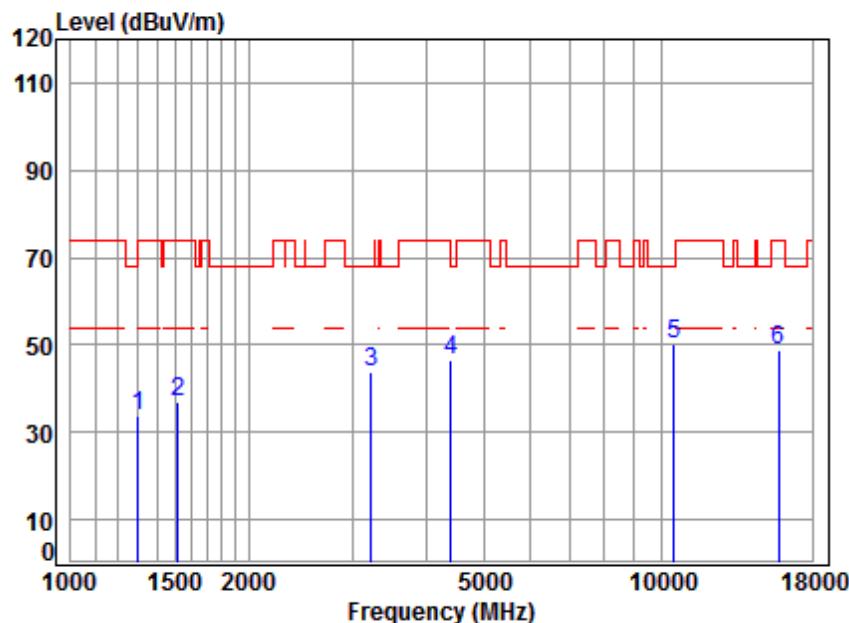
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1271.123	4.69	24.82	38.07	43.46	34.90	68.20	-33.30 peak
2	1485.841	5.43	25.74	38.04	43.13	36.26	74.00	-37.74 peak
3	3475.541	6.44	32.16	37.95	43.31	43.96	68.20	-24.24 peak
4	4206.011	7.23	33.60	38.11	44.18	46.90	74.00	-27.10 peak
5	10520.000	11.30	37.12	35.17	35.53	48.78	68.20	-19.42 peak
6	15780.000	14.66	41.29	38.04	31.30	49.21	74.00	-24.79 peak

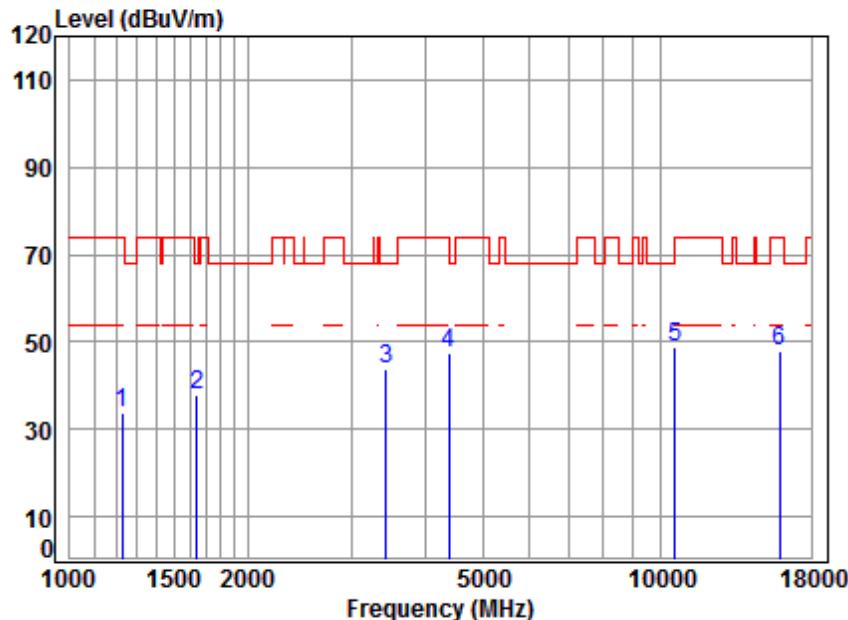
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.15	33.85	74.00	-40.15 peak
2	1516.210	5.46	25.87	38.04	43.78	37.07	74.00	-36.93 peak
3	3223.928	6.20	31.72	37.93	43.80	43.79	68.20	-24.41 peak
4	4405.090	7.46	33.60	38.22	43.73	46.57	68.20	-21.63 peak
5	10520.000	11.30	37.12	35.17	37.12	50.37	68.20	-17.83 peak
6	15780.000	14.66	41.29	38.04	31.10	49.01	74.00	-24.99 peak

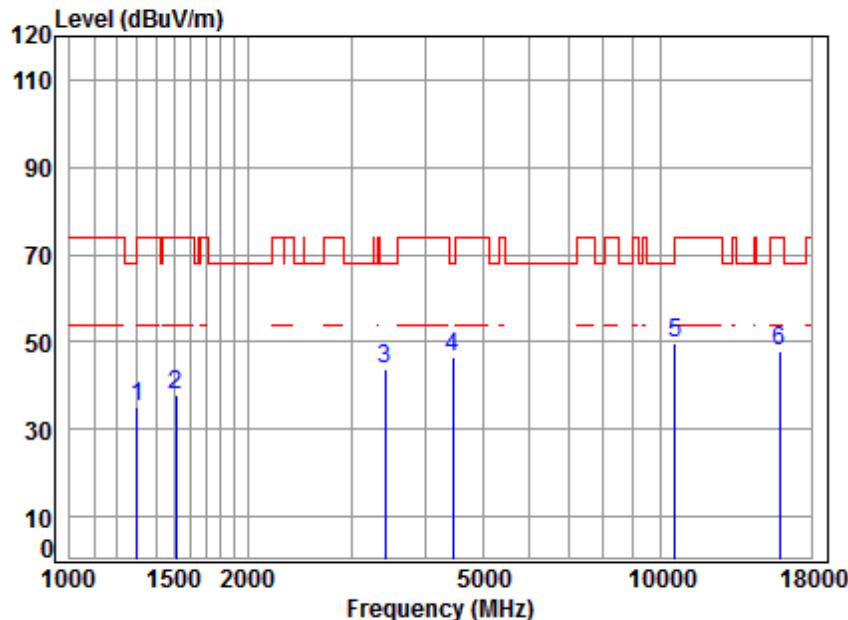
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	4.53	24.61	38.07	42.78	33.85	74.00	-40.15	peak
2	1639.274	5.30	26.42	38.03	43.98	37.67	68.20	-30.53	peak
3	3435.590	6.40	32.09	37.95	43.24	43.78	68.20	-24.42	peak
4	4392.376	7.44	33.60	38.21	44.45	47.28	74.00	-26.72	peak
5	10600.000	11.36	37.22	35.21	35.62	48.99	68.20	-19.21	peak
6	15900.000	14.84	41.24	37.91	29.78	47.95	74.00	-26.05	peak

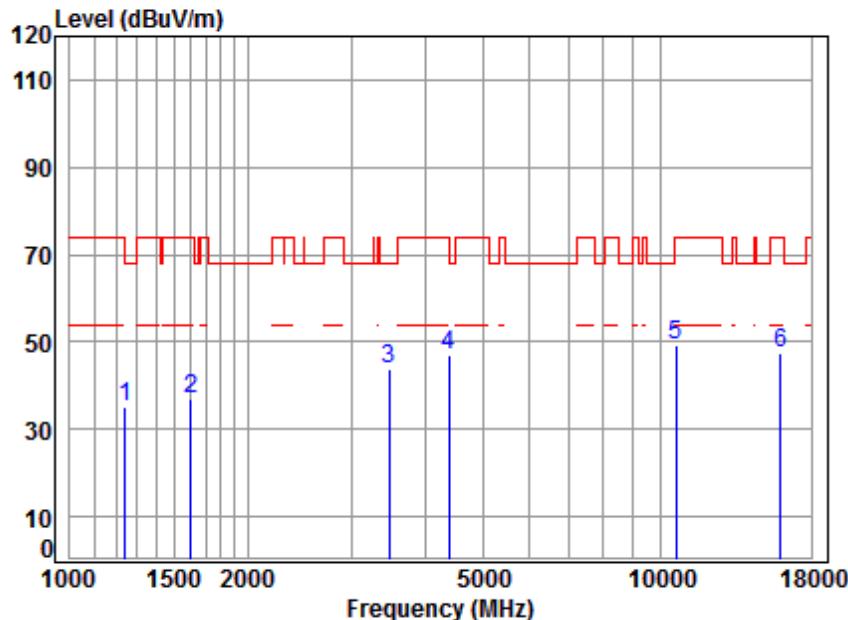
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	4.80	24.96	38.06	43.63	35.33	74.00	-38.67	peak
2	1511.833	5.46	25.85	38.04	44.51	37.78	74.00	-36.22	peak
3	3425.675	6.39	32.07	37.95	43.20	43.71	68.20	-24.49	peak
4	4456.315	7.51	33.60	38.24	43.74	46.61	68.20	-21.59	peak
5	10600.000	11.36	37.22	35.21	36.45	49.82	68.20	-18.38	peak
6	15900.000	14.84	41.24	37.91	29.80	47.97	74.00	-26.03	peak

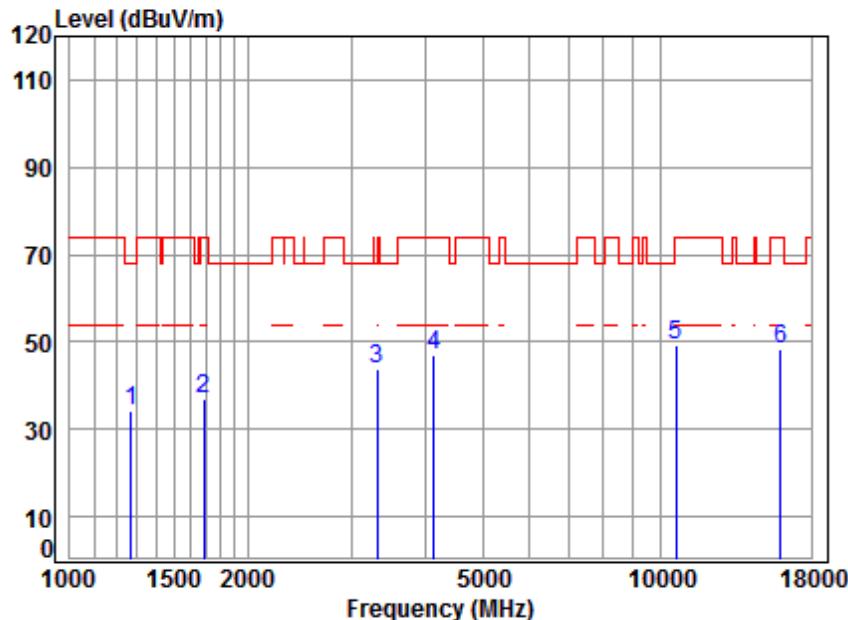
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1242.068	4.58	24.68	38.07	44.05	35.24	68.20	-32.96 peak
2	1606.441	5.34	26.28	38.03	43.48	37.07	74.00	-36.93 peak
3	3475.541	6.44	32.16	37.95	43.29	43.94	68.20	-24.26 peak
4	4392.376	7.44	33.60	38.21	44.28	47.11	74.00	-26.89 peak
5	10640.000	11.39	37.27	35.23	35.97	49.40	74.00	-24.60 peak
6	15960.000	14.93	41.22	37.84	29.34	47.65	74.00	-26.35 peak

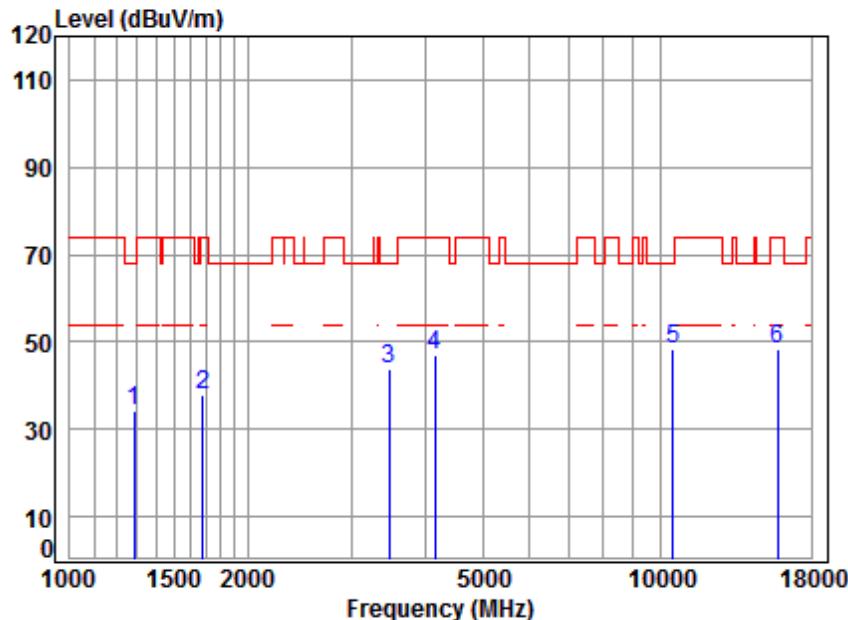
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1271.123	4.69	24.82	38.07	42.90	34.34	68.20	-33.86 peak
2	1687.347	5.24	26.62	38.02	42.98	36.82	74.00	-37.18 peak
3	3318.471	6.29	31.89	37.94	43.56	43.80	68.20	-24.40 peak
4	4133.699	7.14	33.60	38.07	44.55	47.22	74.00	-26.78 peak
5	10640.000	11.39	37.27	35.23	35.83	49.26	74.00	-24.74 peak
6	15960.000	14.93	41.22	37.84	30.20	48.51	74.00	-25.49 peak

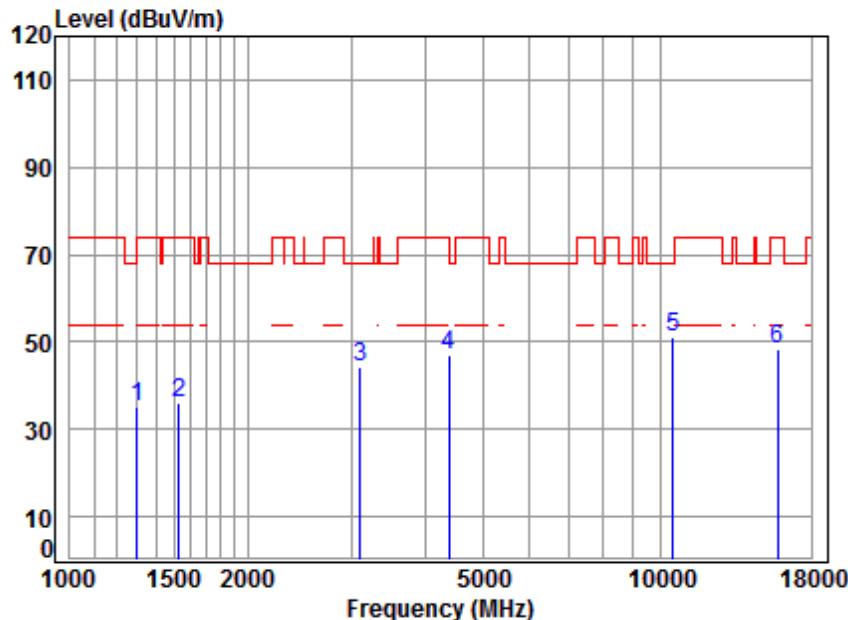
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.46	34.04	68.20	-34.16 peak
2	1677.621	5.25	26.58	38.03	43.97	37.77	74.00	-36.23 peak
3	3475.541	6.44	32.16	37.95	43.32	43.97	68.20	-24.23 peak
4	4157.664	7.17	33.60	38.09	44.13	46.81	74.00	-27.19 peak
5	10520.000	11.30	37.12	35.17	35.10	48.35	68.20	-19.85 peak
6	15780.000	14.66	41.29	38.04	30.50	48.41	74.00	-25.59 peak

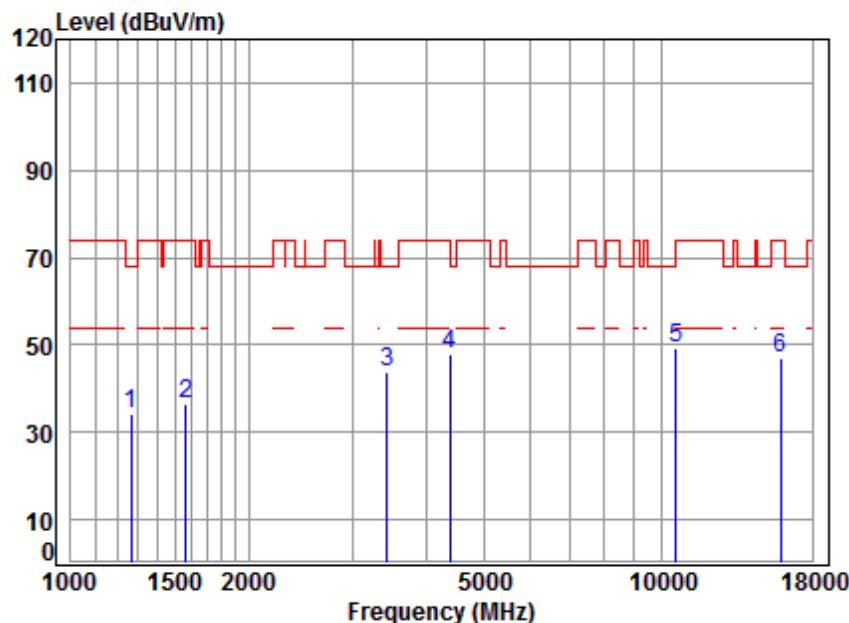
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	43.56	35.26	74.00	-38.74 peak
2	1529.414	5.44	25.94	38.04	42.67	36.01	74.00	-37.99 peak
3	3105.037	6.09	31.50	37.91	44.52	44.20	68.20	-24.00 peak
4	4379.699	7.43	33.60	38.20	44.21	47.04	74.00	-26.96 peak
5	10520.000	11.30	37.12	35.17	37.76	51.01	68.20	-17.19 peak
6	15780.000	14.66	41.29	38.04	30.42	48.33	74.00	-25.67 peak

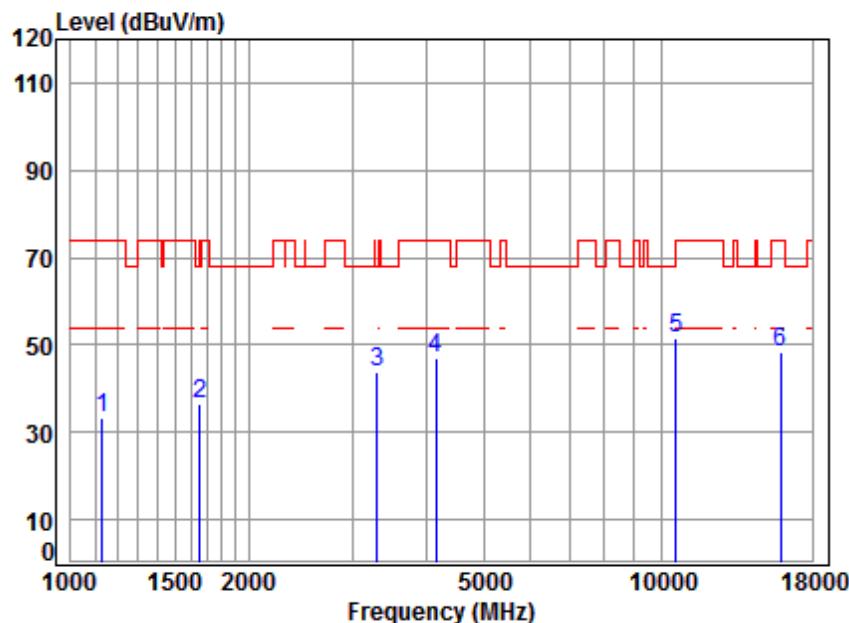
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1267.454	4.68	24.80	38.07	42.93	34.34	68.20	-33.86 peak
2	1569.721	5.39	26.12	38.03	42.96	36.44	74.00	-37.56 peak
3	3435.590	6.40	32.09	37.95	43.38	43.92	68.20	-24.28 peak
4	4379.699	7.43	33.60	38.20	45.22	48.05	74.00	-25.95 peak
5	10600.000	11.36	37.22	35.21	36.02	49.39	68.20	-18.81 peak
6	15900.000	14.84	41.24	37.91	28.87	47.04	74.00	-26.96 peak

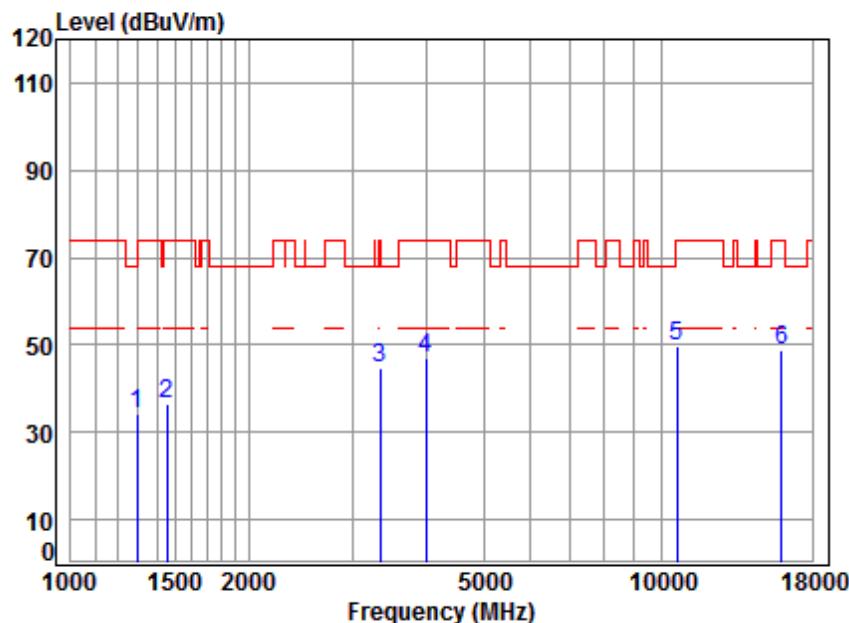
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1132.340	4.14	24.14	38.08	43.16	33.36	74.00	-40.64 peak
2	1653.550	5.28	26.48	38.03	42.60	36.33	68.20	-31.87 peak
3	3308.894	6.29	31.87	37.93	43.42	43.65	68.20	-24.55 peak
4	4157.664	7.17	33.60	38.09	44.43	47.11	74.00	-26.89 peak
5	10600.000	11.36	37.22	35.21	38.04	51.41	68.20	-16.79 peak
6	15900.000	14.84	41.24	37.91	30.22	48.39	74.00	-25.61 peak

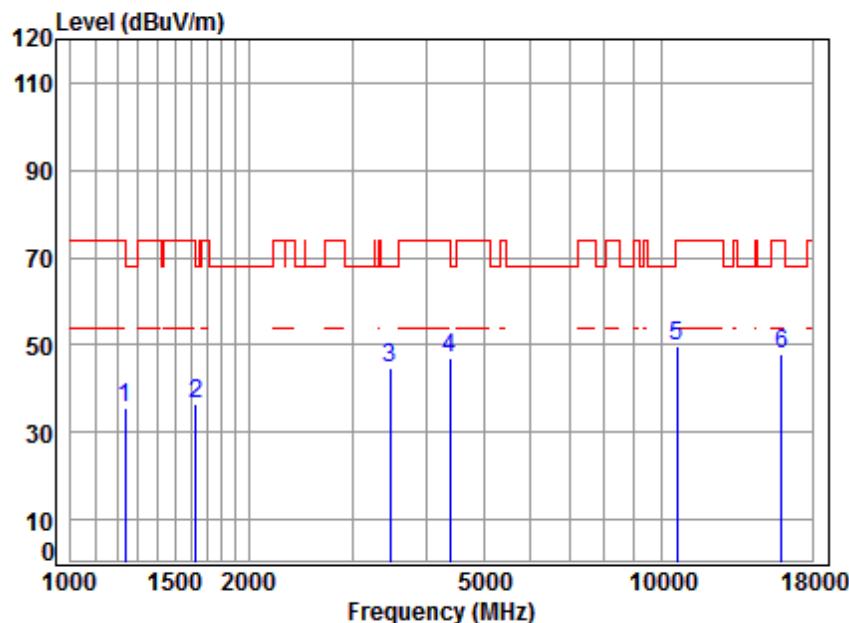
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	4.77	24.92	38.06	42.46	34.09	68.20	-34.11	peak
2	1456.081	5.34	25.62	38.05	43.68	36.59	74.00	-37.41	peak
3	3347.371	6.32	31.94	37.94	44.34	44.66	74.00	-29.34	peak
4	3992.781	6.97	33.58	38.00	44.28	46.83	74.00	-27.17	peak
5	10640.000	11.39	37.27	35.23	36.13	49.56	74.00	-24.44	peak
6	15960.000	14.93	41.22	37.84	30.48	48.79	74.00	-25.21	peak

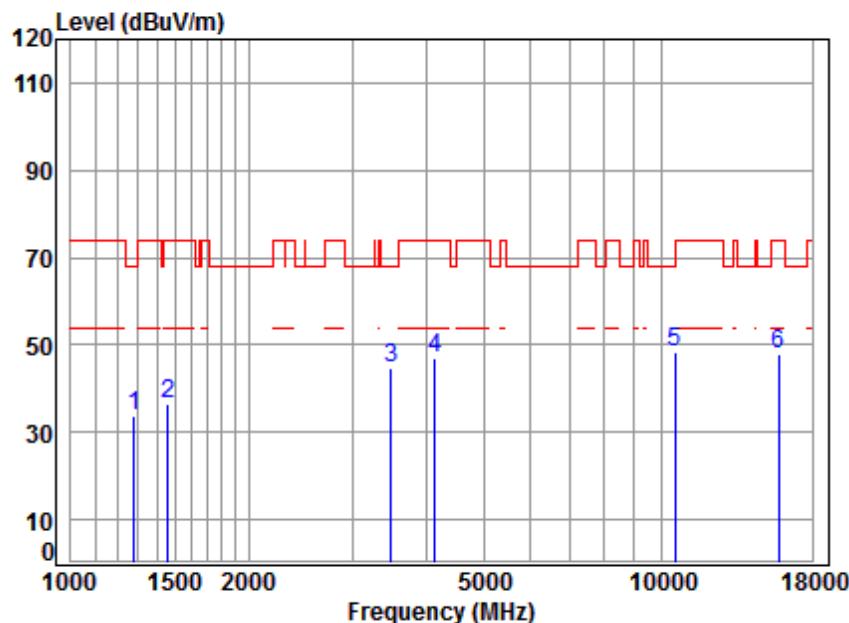
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	4.57	24.67	38.07	44.34	35.51	74.00	-38.49	peak
2	1629.825	5.31	26.38	38.03	42.88	36.54	68.20	-31.66	peak
3	3475.541	6.44	32.16	37.95	44.02	44.67	68.20	-23.53	peak
4	4379.699	7.43	33.60	38.20	44.17	47.00	74.00	-27.00	peak
5	10640.000	11.39	37.27	35.23	36.18	49.61	74.00	-24.39	peak
6	15960.000	14.93	41.22	37.84	29.71	48.02	74.00	-25.98	peak

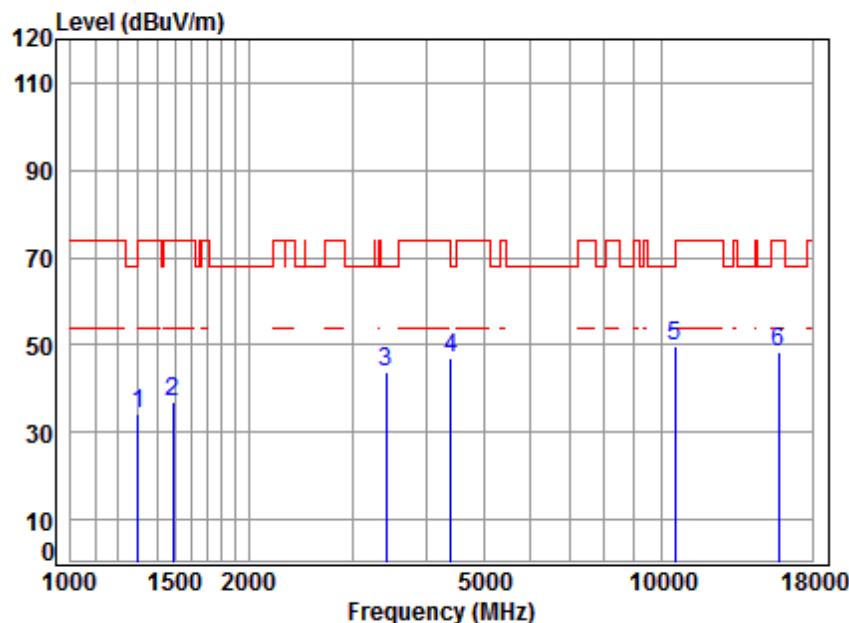
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1278.492	4.72	24.85	38.06	42.03	33.54	68.20	-34.66 peak
2	1460.295	5.35	25.64	38.05	43.43	36.37	74.00	-37.63 peak
3	3485.601	6.45	32.18	37.95	43.86	44.54	68.20	-23.66 peak
4	4133.699	7.14	33.60	38.07	44.23	46.90	74.00	-27.10 peak
5	10540.000	11.32	37.15	35.18	34.98	48.27	68.20	-19.93 peak
6	15810.000	14.71	41.28	38.00	29.97	47.96	74.00	-26.04 peak

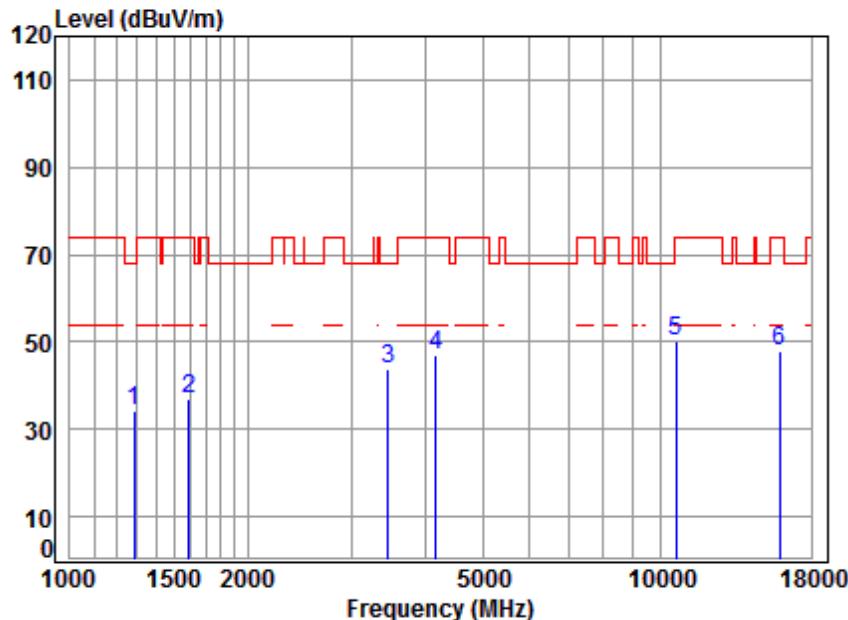
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5270 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.56	34.26	74.00	-39.74 peak
2	1490.142	5.45	25.76	38.04	43.63	36.80	74.00	-37.20 peak
3	3415.787	6.38	32.06	37.95	43.42	43.91	68.20	-24.29 peak
4	4405.090	7.46	33.60	38.22	43.93	46.77	68.20	-21.43 peak
5	10540.000	11.32	37.15	35.18	36.64	49.93	68.20	-18.27 peak
6	15810.000	14.71	41.28	38.00	30.59	48.58	74.00	-25.42 peak

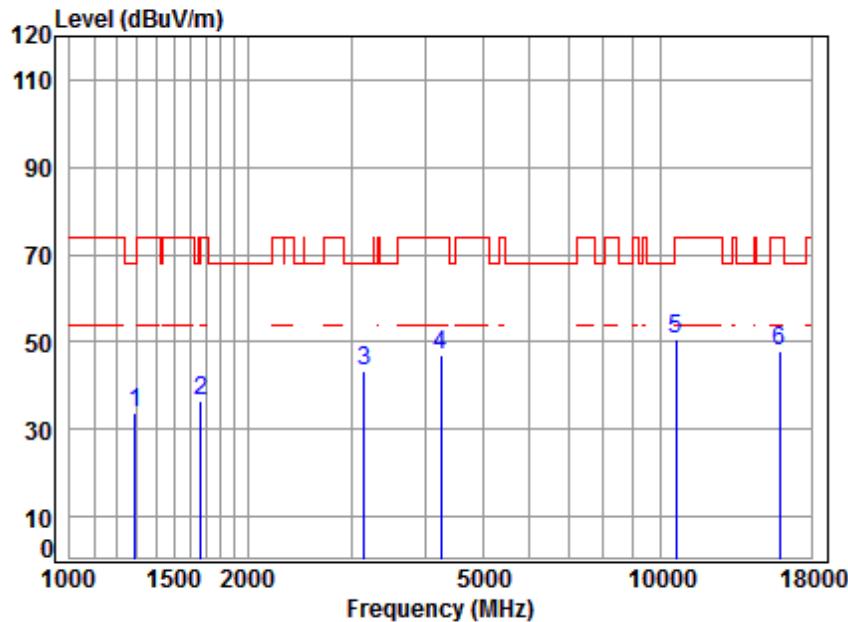
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.41	33.99	68.20	-34.21 peak
2	1592.571	5.36	26.22	38.03	43.50	37.05	74.00	-36.95 peak
3	3465.510	6.43	32.14	37.95	43.34	43.96	68.20	-24.24 peak
4	4169.698	7.18	33.60	38.09	44.42	47.11	74.00	-26.89 peak
5	10620.000	11.37	37.25	35.22	36.96	50.36	74.00	-23.64 peak
6	15930.000	14.89	41.23	37.87	29.75	48.00	74.00	-26.00 peak

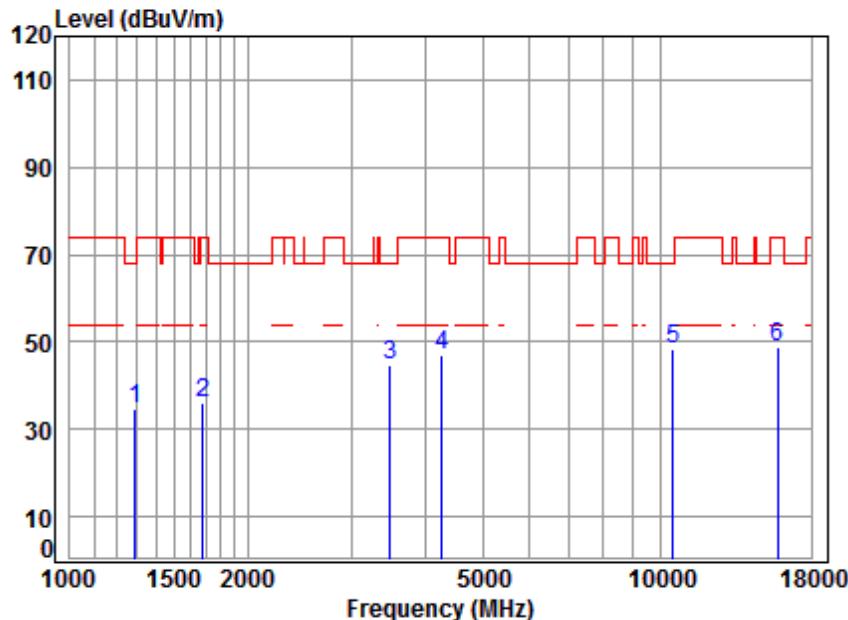
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 TX RSE  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	4.76	24.91	38.06	42.03	33.64	68.20	-34.56	peak
2	1667.951	5.27	26.54	38.03	42.70	36.48	74.00	-37.52	peak
3	3150.237	6.13	31.59	37.92	43.69	43.49	68.20	-24.71	peak
4	4254.921	7.28	33.60	38.14	44.34	47.08	74.00	-26.92	peak
5	10620.000	11.37	37.25	35.22	37.23	50.63	74.00	-23.37	peak
6	15930.000	14.89	41.23	37.87	29.78	48.03	74.00	-25.97	peak

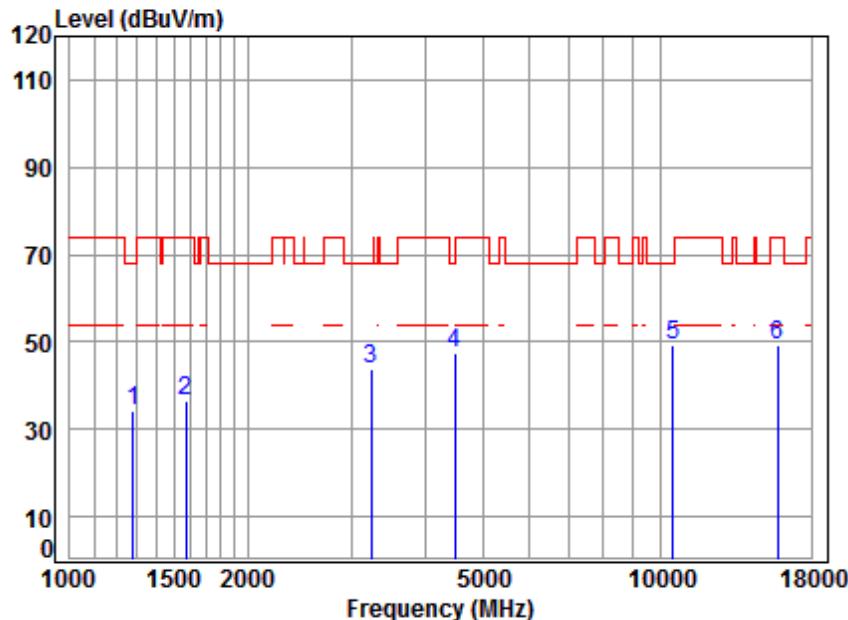
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1289.627	4.76	24.91	38.06	43.25	34.86	68.20	-33.34 peak
2	1677.621	5.25	26.58	38.03	42.40	36.20	74.00	-37.80 peak
3	3485.601	6.45	32.18	37.95	43.92	44.60	68.20	-23.60 peak
4	4267.237	7.30	33.60	38.14	44.34	47.10	74.00	-26.90 peak
5	10520.000	11.30	37.12	35.17	35.27	48.52	68.20	-19.68 peak
6	15780.000	14.66	41.29	38.04	30.73	48.64	74.00	-25.36 peak

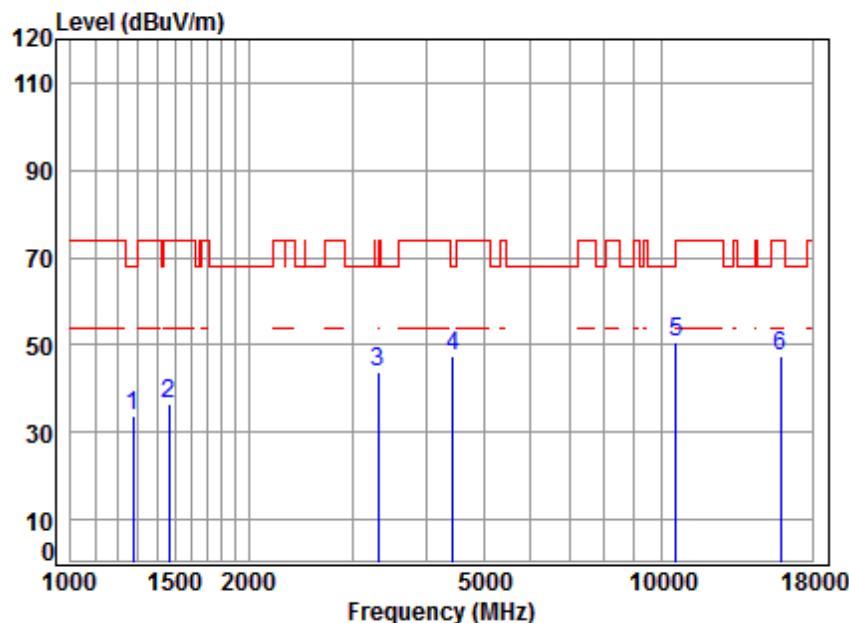
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1278.492	4.72	24.85	38.06	42.88	34.39	68.20	-33.81 peak
2	1574.265	5.38	26.14	38.03	42.95	36.44	74.00	-37.56 peak
3	3233.260	6.21	31.74	37.93	43.85	43.87	68.20	-24.33 peak
4	4495.125	7.55	33.60	38.26	44.44	47.33	68.20	-20.87 peak
5	10520.000	11.30	37.12	35.17	35.97	49.22	68.20	-18.98 peak
6	15780.000	14.66	41.29	38.04	31.29	49.20	74.00	-24.80 peak

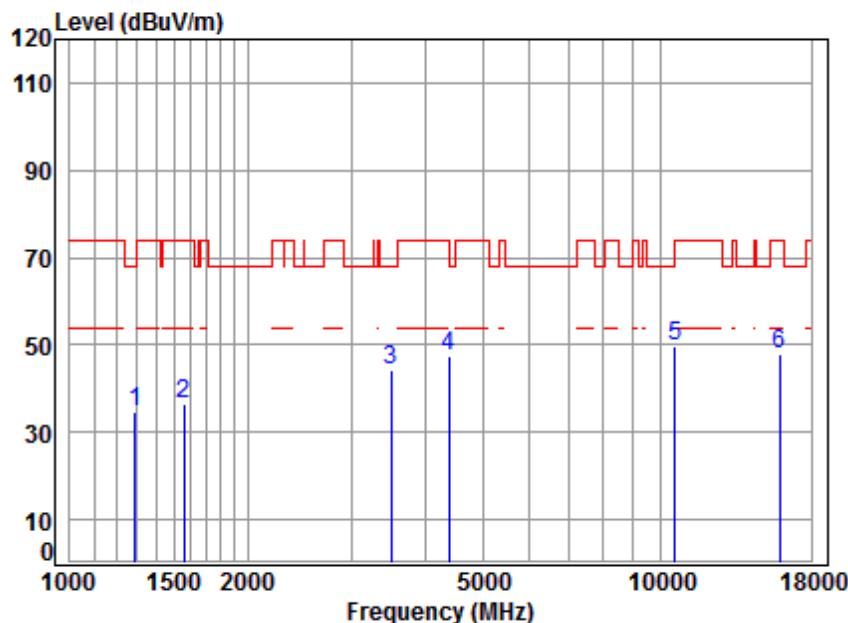
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1274.802	4.71	24.84	38.06	42.35	33.84	68.20	-34.36 peak
2	1468.761	5.38	25.68	38.04	43.65	36.67	74.00	-37.33 peak
3	3318.471	6.29	31.89	37.94	43.76	44.00	68.20	-24.20 peak
4	4443.453	7.50	33.60	38.24	44.66	47.52	68.20	-20.68 peak
5	10600.000	11.36	37.22	35.21	37.28	50.65	68.20	-17.55 peak
6	15900.000	14.84	41.24	37.91	29.31	47.48	74.00	-26.52 peak

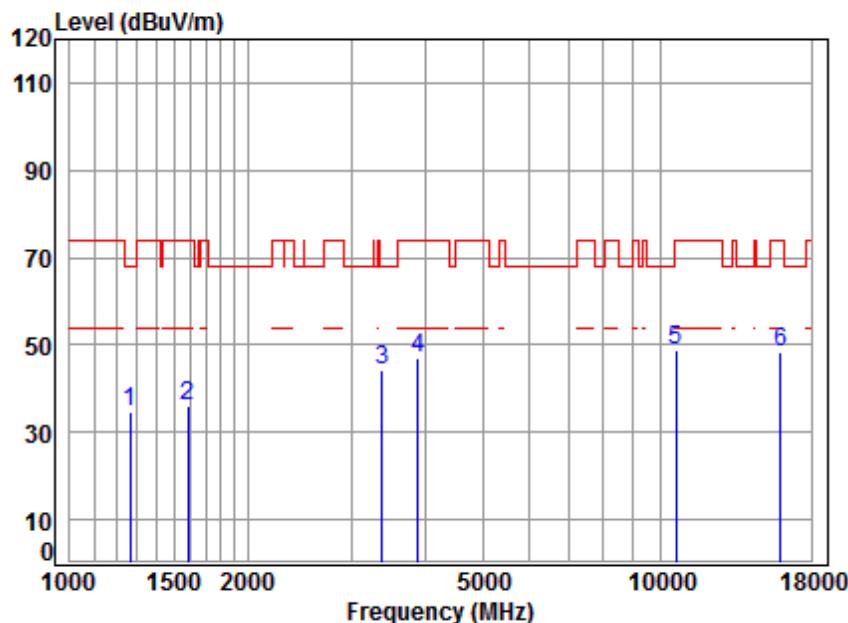
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5300 TX RSE  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	4.76	24.91	38.06	43.06	34.67	68.20	-33.53	peak
2	1560.673	5.40	26.08	38.04	42.97	36.41	74.00	-37.59	peak
3	3495.691	6.46	32.19	37.95	43.65	44.35	68.20	-23.85	peak
4	4379.699	7.43	33.60	38.20	44.56	47.39	74.00	-26.61	peak
5	10600.000	11.36	37.22	35.21	36.25	49.62	68.20	-18.58	peak
6	15900.000	14.84	41.24	37.91	29.64	47.81	74.00	-26.19	peak

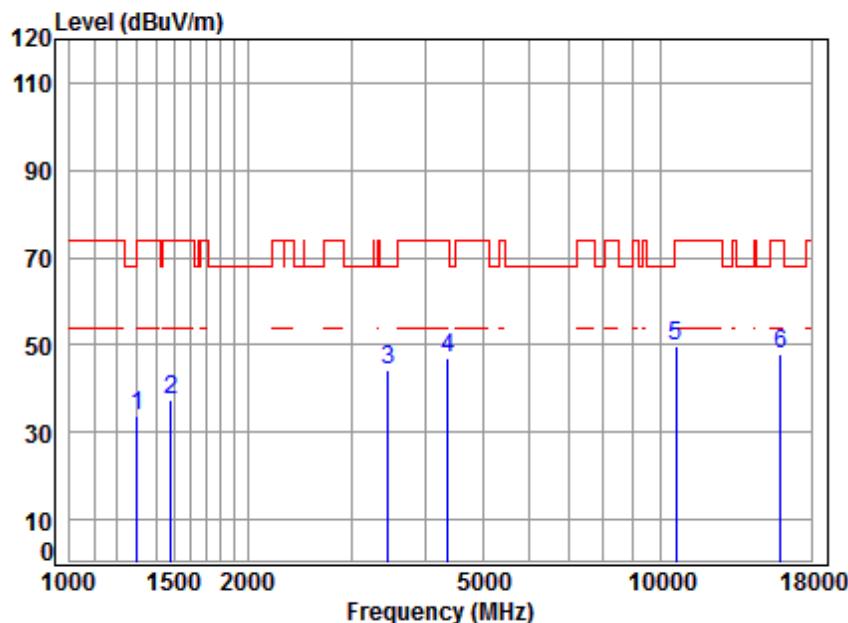
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	4.68	24.80	38.07	43.34	34.75	68.20	-33.45	peak
2	1583.392	5.37	26.18	38.03	42.30	35.82	74.00	-38.18	peak
3	3386.297	6.36	32.01	37.94	43.98	44.41	68.20	-23.79	peak
4	3890.255	6.87	33.31	37.99	44.68	46.87	74.00	-27.13	peak
5	10640.000	11.39	37.27	35.23	35.59	49.02	74.00	-24.98	peak
6	15960.000	14.93	41.22	37.84	30.22	48.53	74.00	-25.47	peak

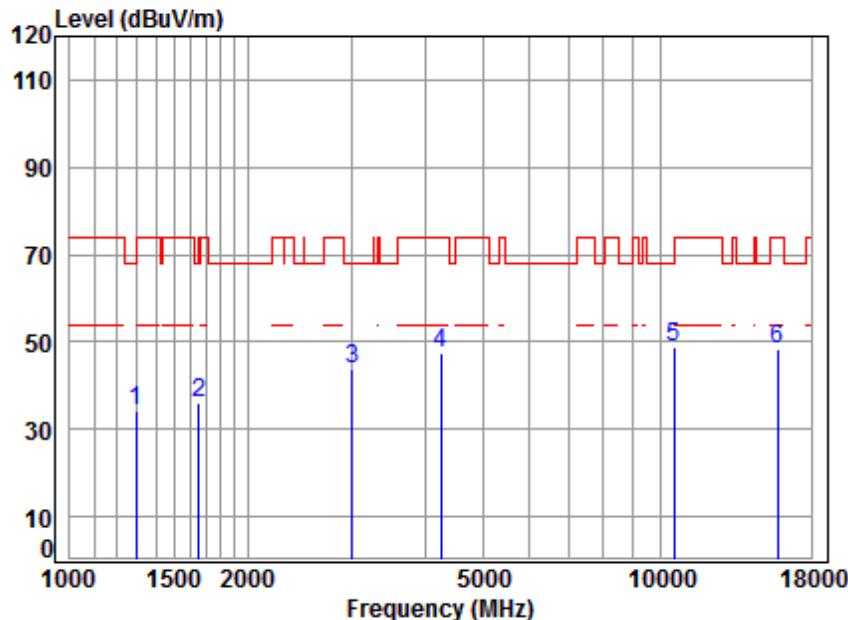
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.14	33.84	74.00	-40.16 peak
2	1485.841	5.43	25.74	38.04	44.12	37.25	74.00	-36.75 peak
3	3465.510	6.43	32.14	37.95	43.44	44.06	68.20	-24.14 peak
4	4367.058	7.41	33.60	38.20	44.29	47.10	74.00	-26.90 peak
5	10640.000	11.39	37.27	35.23	36.17	49.60	74.00	-24.40 peak
6	15960.000	14.93	41.22	37.84	29.45	47.76	74.00	-26.24 peak

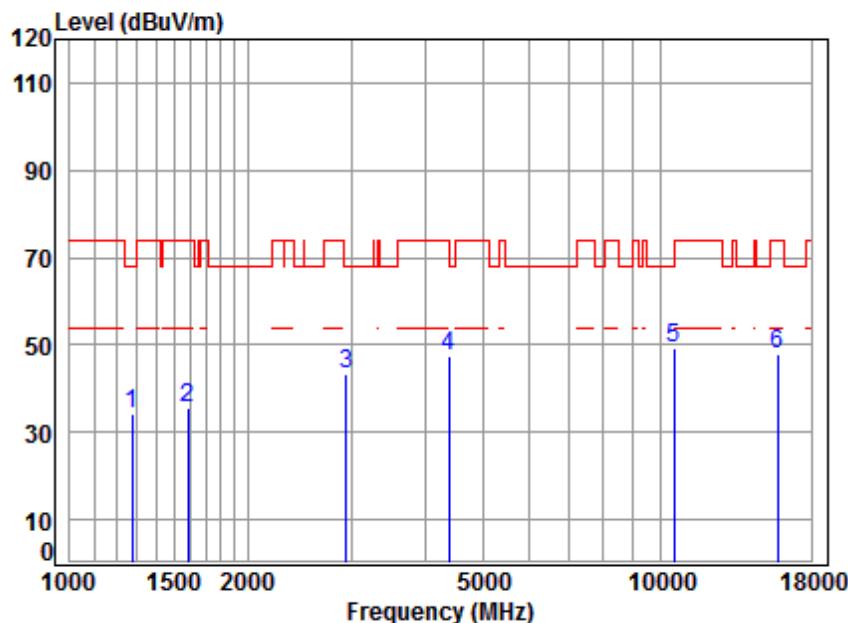
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 TX RSE  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	4.79	24.94	38.06	42.37	34.04	68.20	-34.16	peak
2	1653.550	5.28	26.48	38.03	42.39	36.12	68.20	-32.08	peak
3	3007.868	5.99	31.32	37.90	44.57	43.98	68.20	-24.22	peak
4	4254.921	7.28	33.60	38.14	44.65	47.39	74.00	-26.61	peak
5	10540.000	11.32	37.15	35.18	35.37	48.66	68.20	-19.54	peak
6	15810.000	14.71	41.28	38.00	30.30	48.29	74.00	-25.71	peak

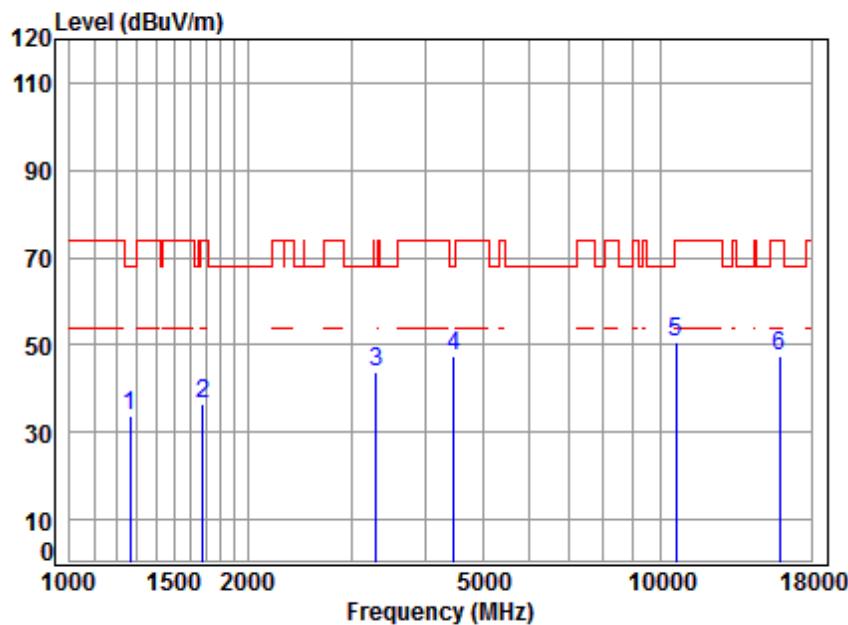
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Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5270 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1274.802	4.71	24.84	38.06	42.94	34.43	68.20	-33.77 peak
2	1583.392	5.37	26.18	38.03	42.22	35.74	74.00	-38.26 peak
3	2939.115	5.94	31.09	37.91	44.24	43.36	68.20	-24.84 peak
4	4379.699	7.43	33.60	38.20	44.52	47.35	74.00	-26.65 peak
5	10540.000	11.32	37.15	35.18	36.04	49.33	68.20	-18.87 peak
6	15810.000	14.71	41.28	38.00	29.89	47.88	74.00	-26.12 peak

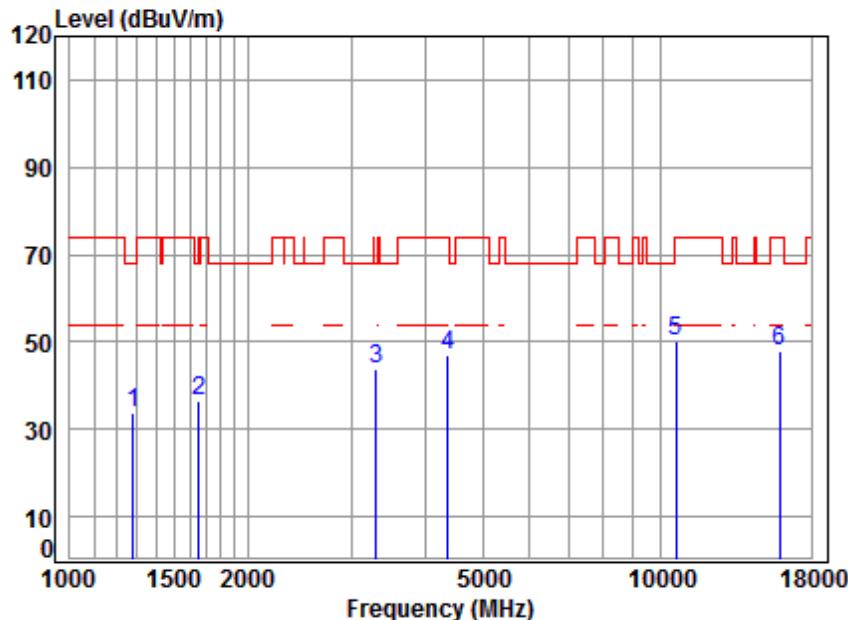
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1267.454	4.68	24.80	38.07	42.50	33.91	68.20	-34.29 peak
2	1677.621	5.25	26.58	38.03	42.72	36.52	74.00	-37.48 peak
3	3299.344	6.28	31.86	37.93	43.80	44.01	68.20	-24.19 peak
4	4469.214	7.53	33.60	38.25	44.36	47.24	68.20	-20.96 peak
5	10620.000	11.37	37.25	35.22	37.35	50.75	74.00	-23.25 peak
6	15930.000	14.89	41.23	37.87	29.39	47.64	74.00	-26.36 peak

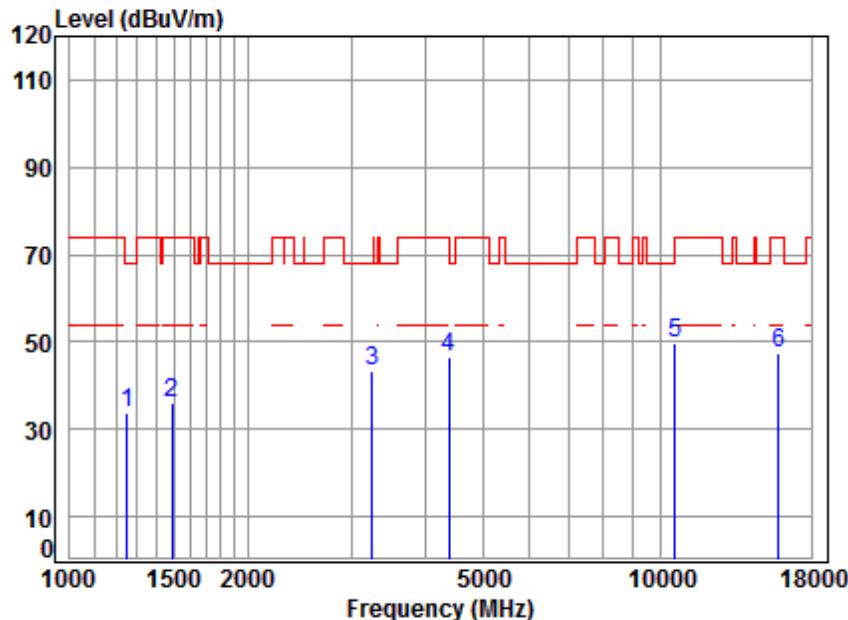
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.34	33.88	68.20	-34.32 peak
2	1653.550	5.28	26.48	38.03	42.70	36.43	68.20	-31.77 peak
3	3308.894	6.29	31.87	37.93	43.44	43.67	68.20	-24.53 peak
4	4367.058	7.41	33.60	38.20	44.13	46.94	74.00	-27.06 peak
5	10620.000	11.37	37.25	35.22	36.74	50.14	74.00	-23.86 peak
6	15930.000	14.89	41.23	37.87	29.65	47.90	74.00	-26.10 peak

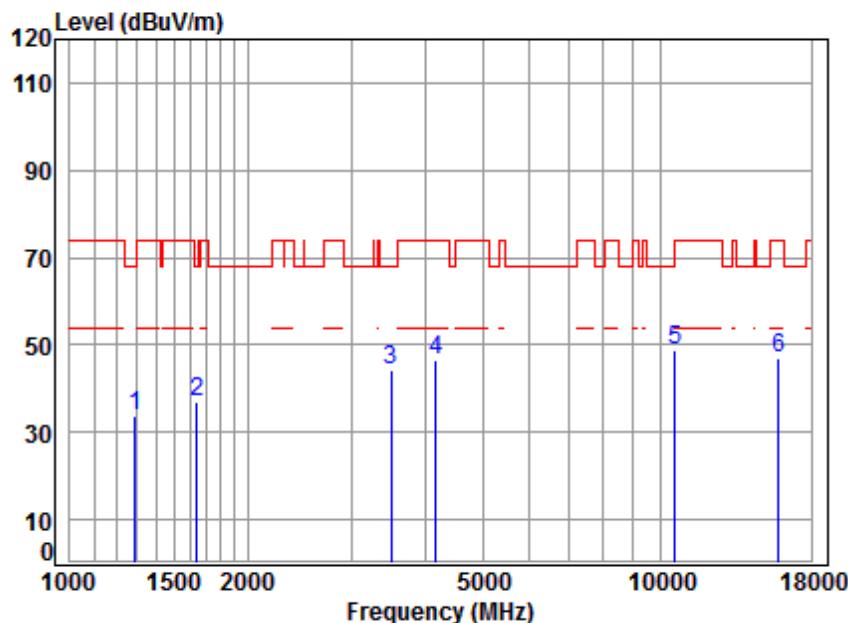
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5290 TX RSE  
: 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	4.61	24.72	38.07	42.41	33.67	68.20	-34.53	peak
2	1490.142	5.45	25.76	38.04	42.82	35.99	74.00	-38.01	peak
3	3252.005	6.23	31.77	37.93	43.27	43.34	68.20	-24.86	peak
4	4392.376	7.44	33.60	38.21	43.65	46.48	74.00	-27.52	peak
5	10580.000	11.35	37.20	35.20	36.21	49.56	68.20	-18.64	peak
6	15870.000	14.80	41.25	37.94	29.48	47.59	74.00	-26.41	peak

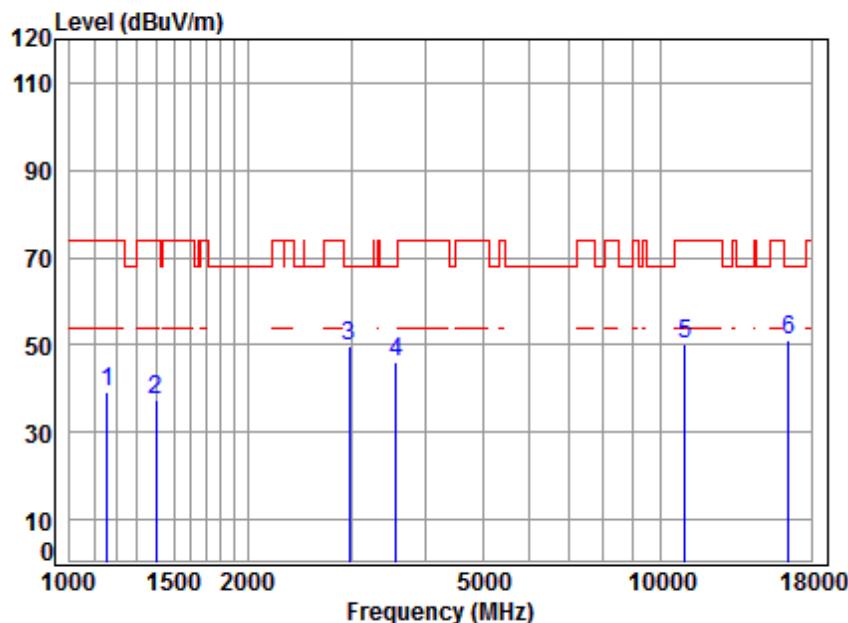
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5290 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1289.627	4.76	24.91	38.06	42.12	33.73	68.20	-34.47 peak
2	1639.274	5.30	26.42	38.03	43.42	37.11	68.20	-31.09 peak
3	3495.691	6.46	32.19	37.95	43.40	44.10	68.20	-24.10 peak
4	4169.698	7.18	33.60	38.09	43.90	46.59	74.00	-27.41 peak
5	10580.000	11.35	37.20	35.20	35.47	48.82	68.20	-19.38 peak
6	15870.000	14.80	41.25	37.94	29.00	47.11	74.00	-26.89 peak

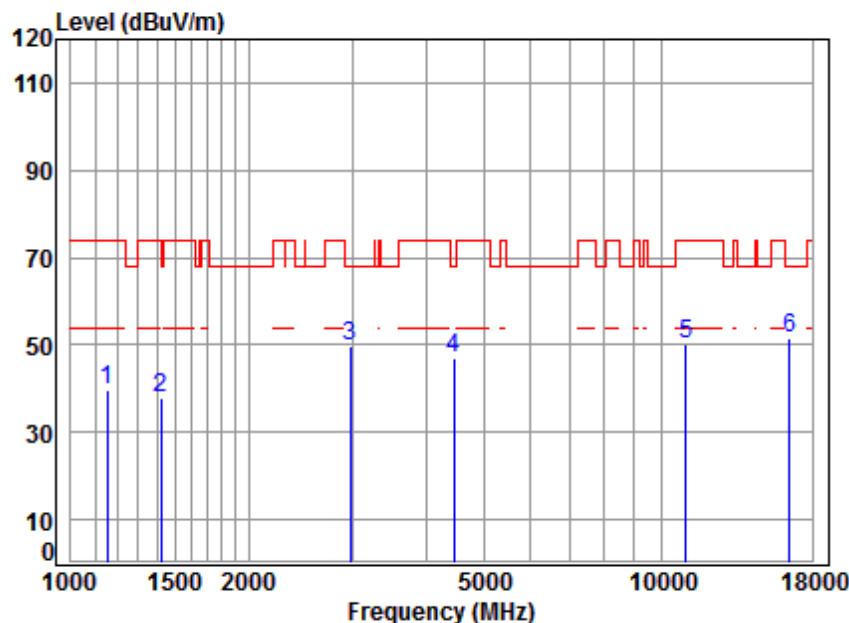
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1158.828	4.25	24.27	38.08	48.86	39.30	74.00	-34.70 peak
2	1398.336	5.15	25.38	38.05	45.15	37.63	74.00	-36.37 peak
3	2973.293	5.96	31.21	37.90	50.51	49.78	68.20	-18.42 peak
4	3567.138	6.53	32.40	37.96	45.17	46.14	68.20	-22.06 peak
5	11000.000	11.63	37.70	35.40	36.33	50.26	74.00	-23.74 peak
6	16500.000	14.50	42.70	37.04	31.01	51.17	68.20	-17.03 peak

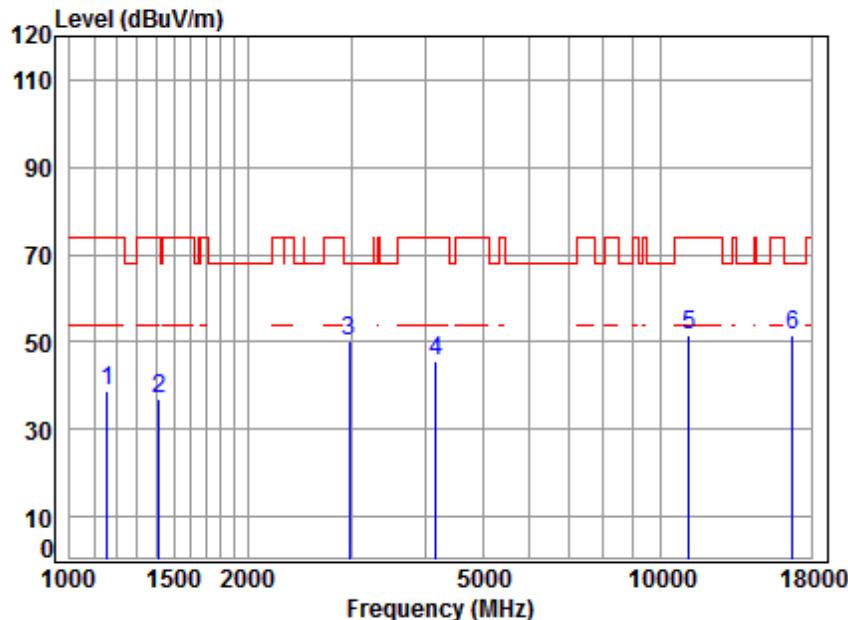
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	38.08	49.12	39.50	74.00	-34.50	peak
2	1422.798	5.23	25.49	38.05	45.22	37.89	74.00	-36.11	peak
3	2973.293	5.96	31.21	37.90	50.66	49.93	68.20	-18.27	peak
4	4456.315	7.51	33.60	38.24	44.30	47.17	68.20	-21.03	peak
5	11000.000	11.63	37.70	35.40	36.35	50.28	74.00	-23.72	peak
6	16500.000	14.50	42.70	37.04	31.52	51.68	68.20	-16.52	peak

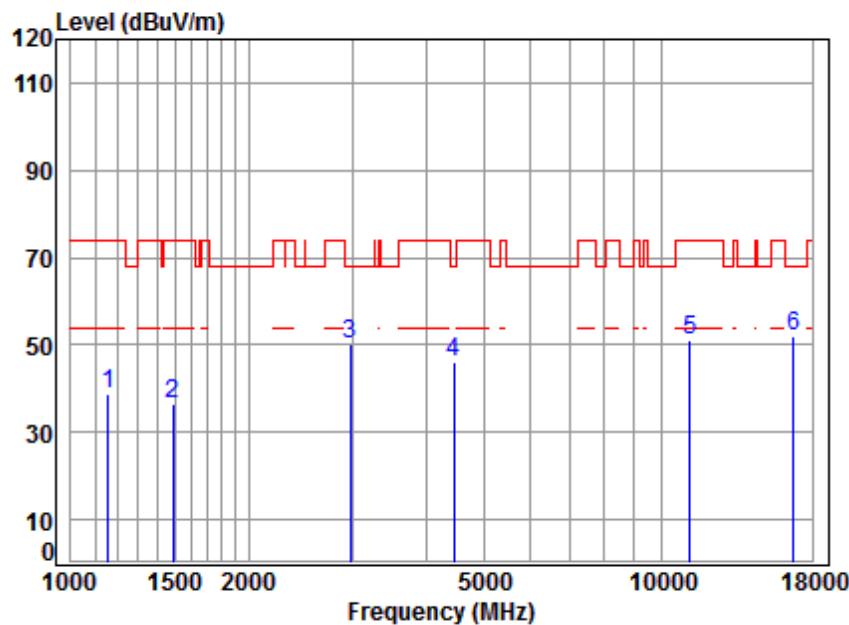
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1158.828	4.25	24.27	38.08	48.28	38.72	74.00	-35.28	peak
2	1414.597	5.20	25.45	38.05	44.19	36.79	74.00	-37.21	peak
3	2973.293	5.96	31.21	37.90	51.10	50.37	68.20	-17.83	peak
4	4169.698	7.18	33.60	38.09	43.09	45.78	74.00	-28.22	peak
5	11160.000	11.80	37.83	35.60	37.51	51.54	74.00	-22.46	peak
6	16740.000	15.57	42.75	36.68	30.13	51.77	68.20	-16.43	peak

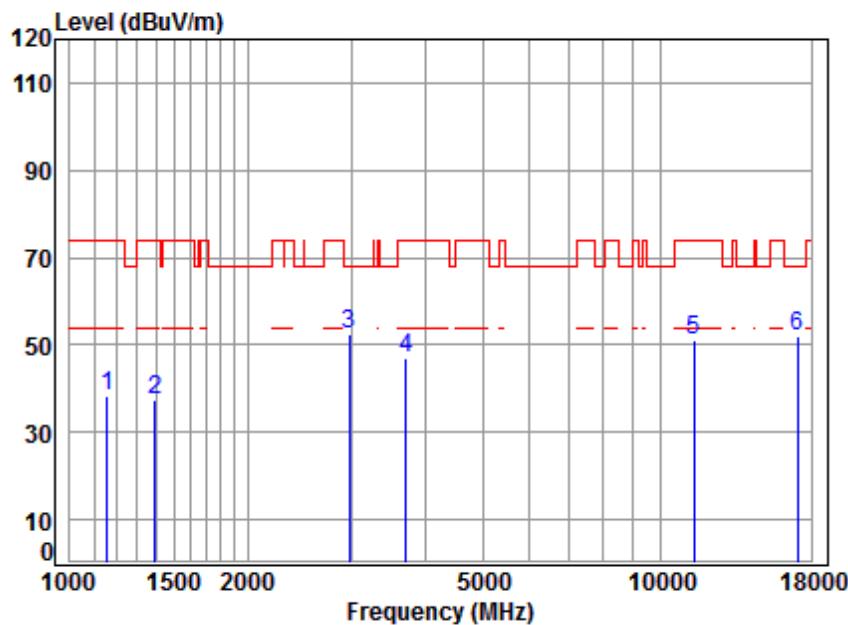
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	4.25	24.27	38.08	48.41	38.85	74.00	-35.15	peak
2	1490.142	5.45	25.76	38.04	43.27	36.44	74.00	-37.56	peak
3	2973.293	5.96	31.21	37.90	50.98	50.25	68.20	-17.95	peak
4	4456.315	7.51	33.60	38.24	43.18	46.05	68.20	-22.15	peak
5	11160.000	11.80	37.83	35.60	37.19	51.22	74.00	-22.78	peak
6	16740.000	15.57	42.75	36.68	30.51	52.15	68.20	-16.05	peak

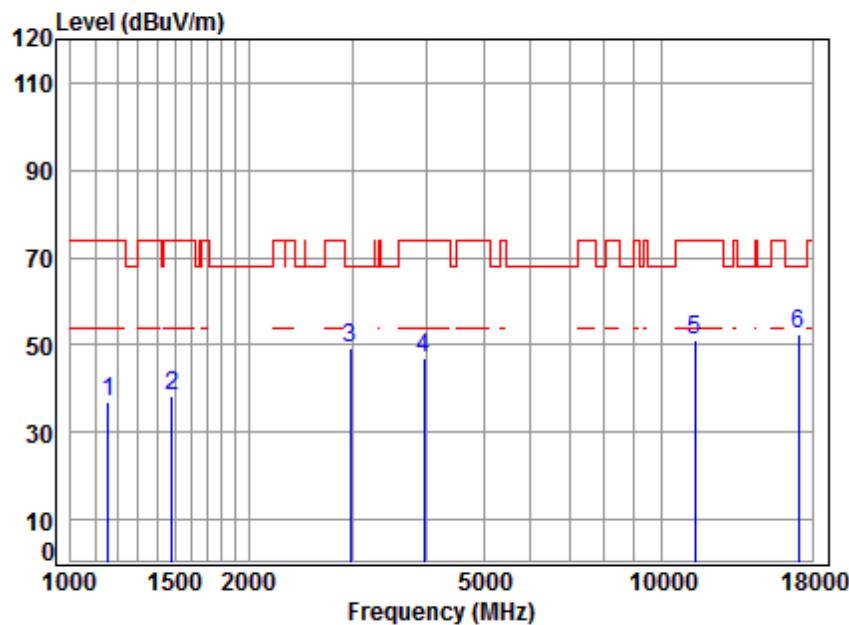
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	4.25	24.27	38.08	48.03	38.47	74.00	-35.53	peak
2	1394.300	5.13	25.37	38.05	45.09	37.54	74.00	-36.46	peak
3	2973.293	5.96	31.21	37.90	53.10	52.37	68.20	-15.83	peak
4	3714.443	6.69	32.82	37.97	45.64	47.18	74.00	-26.82	peak
5	11400.000	12.04	38.02	35.89	37.09	51.26	74.00	-22.74	peak
6	17100.000	16.49	42.92	36.25	28.75	51.91	68.20	-16.29	peak

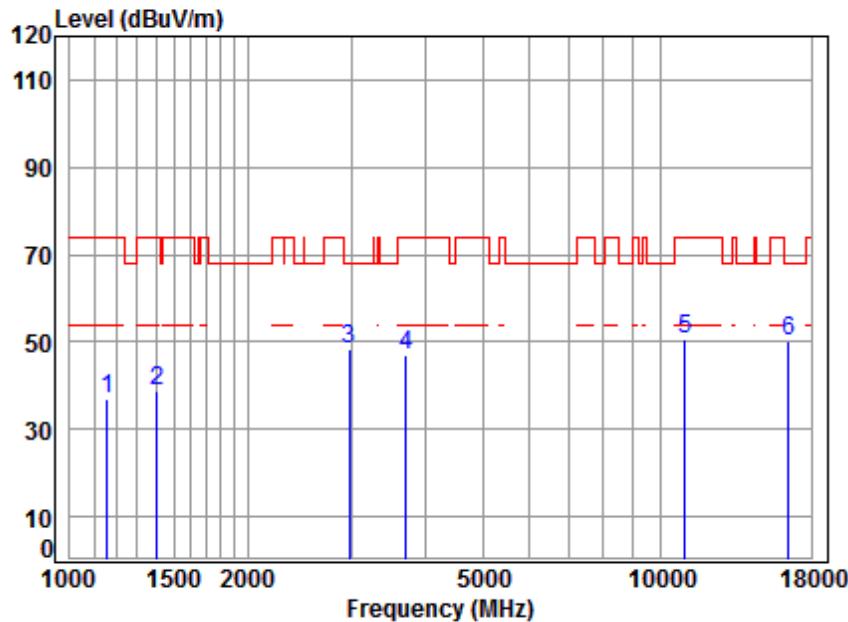
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1155.483	4.24	24.26	38.08	46.65	37.07	74.00	-36.93 peak
2	1485.841	5.43	25.74	38.04	45.24	38.37	74.00	-35.63 peak
3	2973.293	5.96	31.21	37.90	50.19	49.46	68.20	-18.74 peak
4	3958.309	6.94	33.49	38.00	44.40	46.83	74.00	-27.17 peak
5	11400.000	12.04	38.02	35.89	37.02	51.19	74.00	-22.81 peak
6	17100.000	16.49	42.92	36.25	29.38	52.54	68.20	-15.66 peak

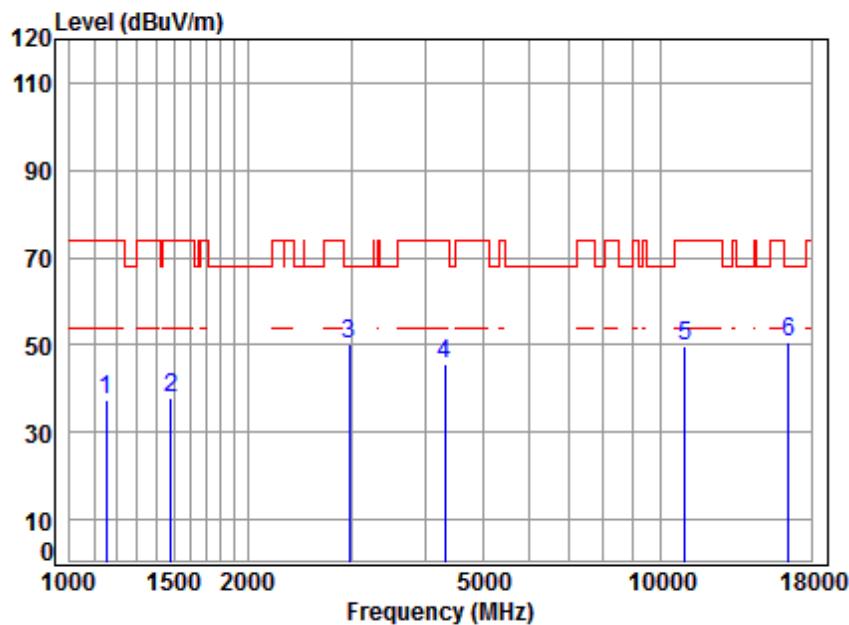
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1158.828	4.25	24.27	38.08	46.39	36.83	74.00	-37.17 peak
2	1406.443	5.17	25.42	38.05	46.18	38.72	74.00	-35.28 peak
3	2973.293	5.96	31.21	37.90	49.02	48.29	68.20	-19.91 peak
4	3714.443	6.69	32.82	37.97	45.60	47.14	74.00	-26.86 peak
5	11000.000	11.63	37.70	35.40	36.60	50.53	74.00	-23.47 peak
6	16500.000	14.50	42.70	37.04	30.17	50.33	68.20	-17.87 peak

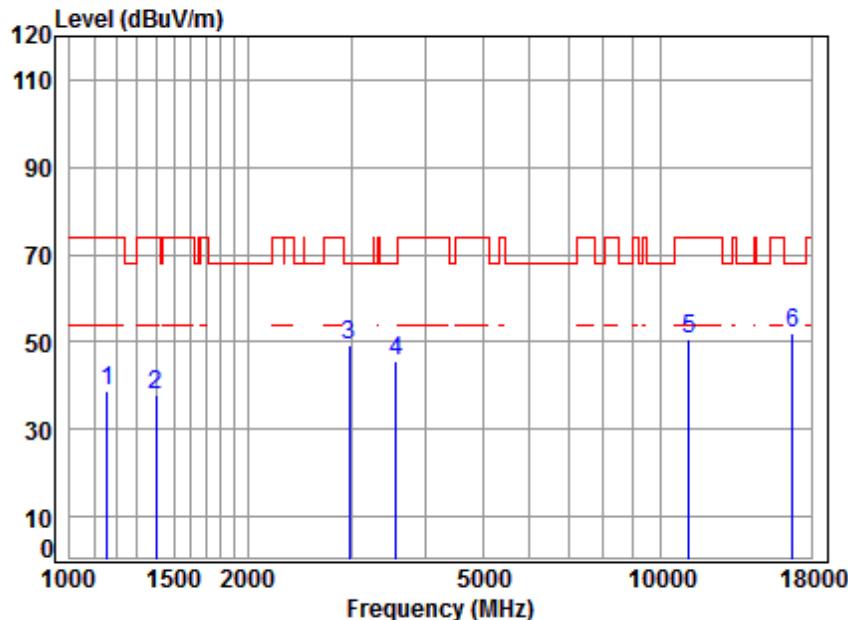
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	46.87	37.25	74.00	-36.75 peak
2	1485.841	5.43	25.74	38.04	44.79	37.92	74.00	-36.08 peak
3	2973.293	5.96	31.21	37.90	51.12	50.39	68.20	-17.81 peak
4	4316.859	7.36	33.60	38.17	42.66	45.45	74.00	-28.55 peak
5	11000.000	11.63	37.70	35.40	35.62	49.55	74.00	-24.45 peak
6	16500.000	14.50	42.70	37.04	30.70	50.86	68.20	-17.34 peak

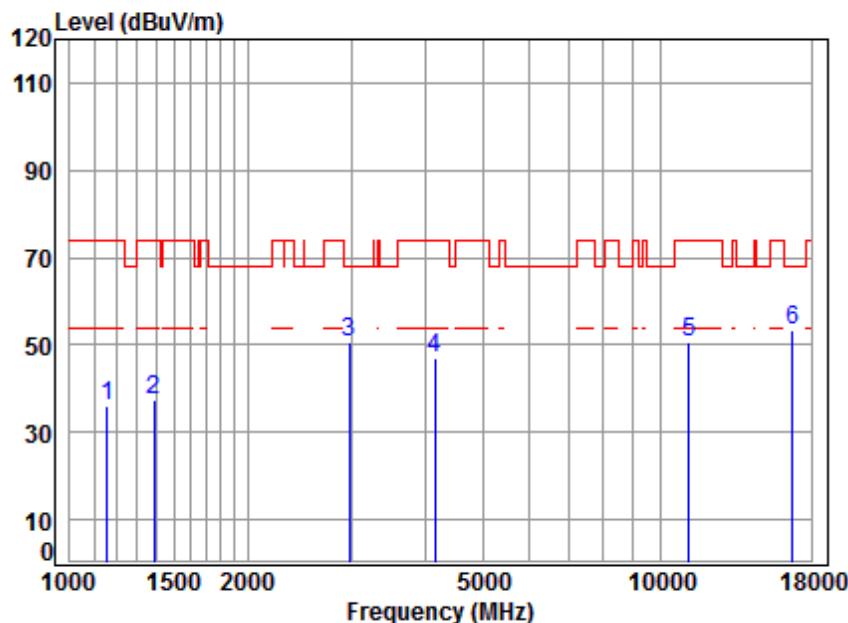
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	4.25	24.27	38.08	48.39	38.83	74.00	-35.17	peak
2	1398.336	5.15	25.38	38.05	45.22	37.70	74.00	-36.30	peak
3	2973.293	5.96	31.21	37.90	50.01	49.28	68.20	-18.92	peak
4	3567.138	6.53	32.40	37.96	44.57	45.54	68.20	-22.66	peak
5	11160.000	11.80	37.83	35.60	36.75	50.78	74.00	-23.22	peak
6	16740.000	15.57	42.75	36.68	30.36	52.00	68.20	-16.20	peak

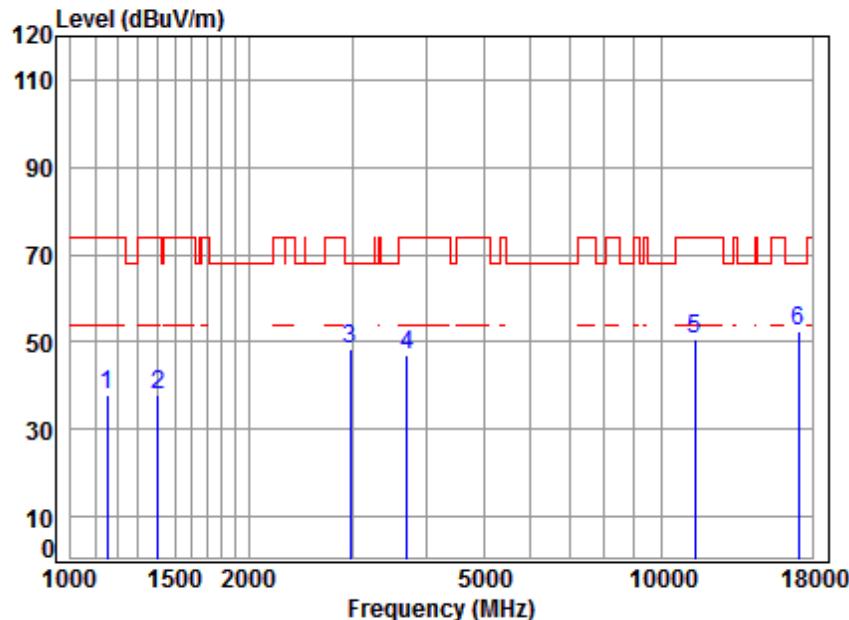
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11N20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit		Over Limit	Remark
					dB	dBuV	dBuV/m	dBuV/m
1 1155.483	4.24	24.26	38.08	45.81	36.23	74.00	-37.77	peak
2 1390.276	5.12	25.35	38.05	44.84	37.26	74.00	-36.74	peak
3 2973.293	5.96	31.21	37.90	51.46	50.73	68.20	-17.47	peak
4 4157.664	7.17	33.60	38.09	44.42	47.10	74.00	-26.90	peak
5 11160.000	11.80	37.83	35.60	36.48	50.51	74.00	-23.49	peak
6 16740.000	15.57	42.75	36.68	31.78	53.42	68.20	-14.78	peak

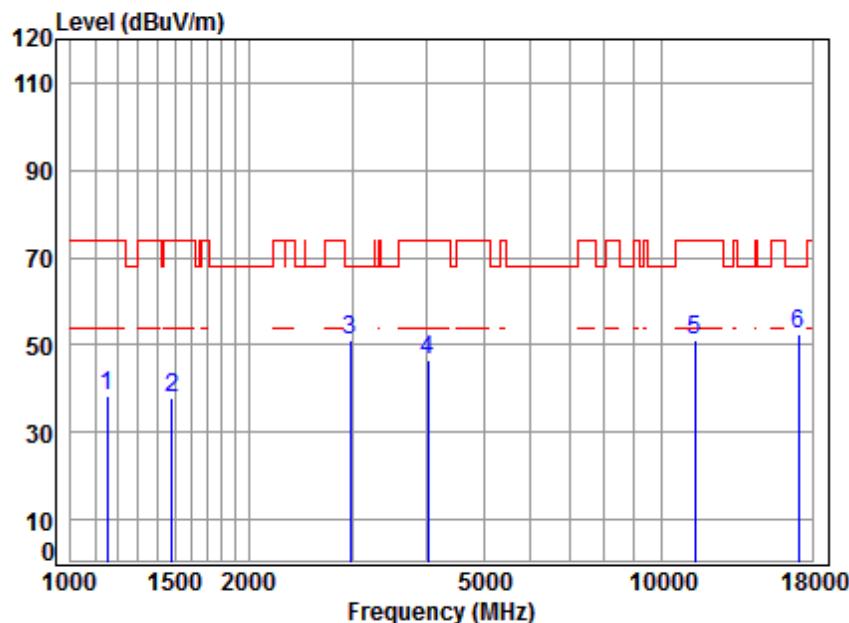
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	47.69	38.07	74.00	-35.93 peak
2	1406.443	5.17	25.42	38.05	45.15	37.69	74.00	-36.31 peak
3	2973.293	5.96	31.21	37.90	49.01	48.28	68.20	-19.92 peak
4	3714.443	6.69	32.82	37.97	45.37	46.91	74.00	-27.09 peak
5	11400.000	12.04	38.02	35.89	36.55	50.72	74.00	-23.28 peak
6	17100.000	16.49	42.92	36.25	29.19	52.35	68.20	-15.85 peak

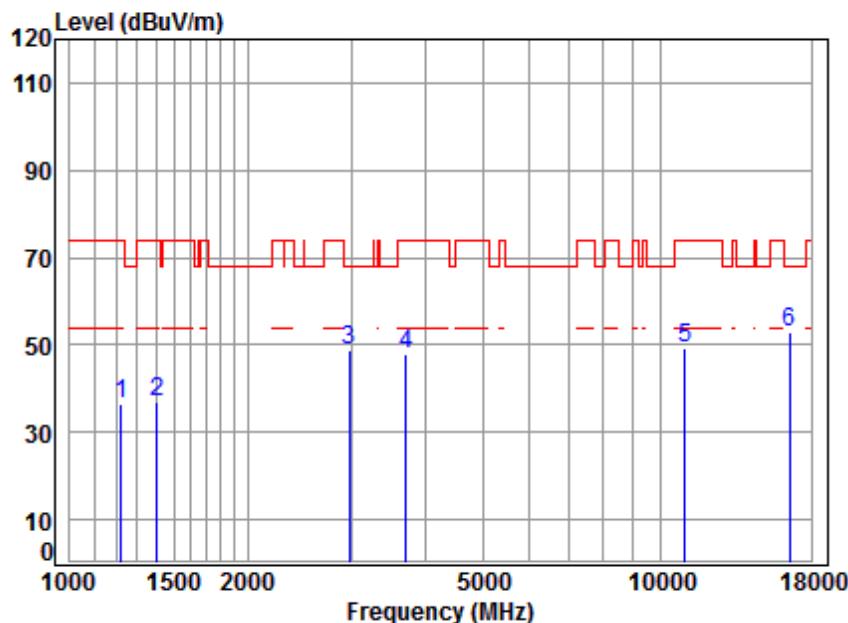
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1152.148	4.22	24.24	38.08	48.12	38.50	74.00	-35.50	peak
2	1485.841	5.43	25.74	38.04	44.68	37.81	74.00	-36.19	peak
3	2973.293	5.96	31.21	37.90	51.62	50.89	68.20	-17.31	peak
4	4027.554	7.01	33.60	38.02	43.78	46.37	74.00	-27.63	peak
5	11400.000	12.04	38.02	35.89	37.01	51.18	74.00	-22.82	peak
6	17100.000	16.49	42.92	36.25	29.18	52.34	68.20	-15.86	peak

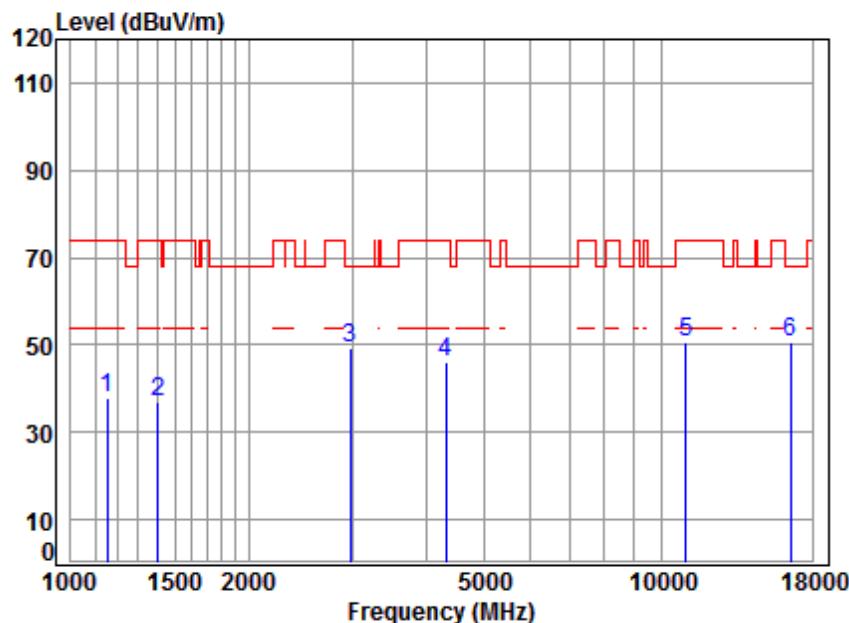
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 TX RSE  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	4.51	24.60	38.07	45.34	36.38	74.00	-37.62	peak
2	1406.443	5.17	25.42	38.05	44.53	37.07	74.00	-36.93	peak
3	2973.293	5.96	31.21	37.90	49.44	48.71	68.20	-19.49	peak
4	3714.443	6.69	32.82	37.97	46.42	47.96	74.00	-26.04	peak
5	11020.000	11.65	37.72	35.43	35.38	49.32	74.00	-24.68	peak
6	16530.000	14.63	42.71	36.99	32.41	52.76	68.20	-15.44	peak

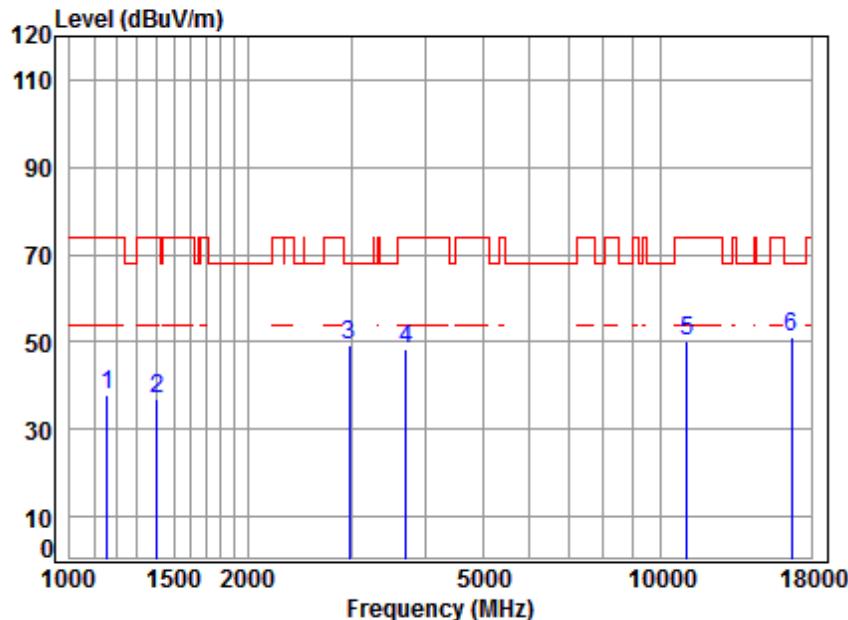
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	47.40	37.78	74.00	-36.22 peak
2	1406.443	5.17	25.42	38.05	44.24	36.78	74.00	-37.22 peak
3	2973.293	5.96	31.21	37.90	50.14	49.41	68.20	-18.79 peak
4	4316.859	7.36	33.60	38.17	43.30	46.09	74.00	-27.91 peak
5	11020.000	11.65	37.72	35.43	36.50	50.44	74.00	-23.56 peak
6	16530.000	14.63	42.71	36.99	30.28	50.63	68.20	-17.57 peak

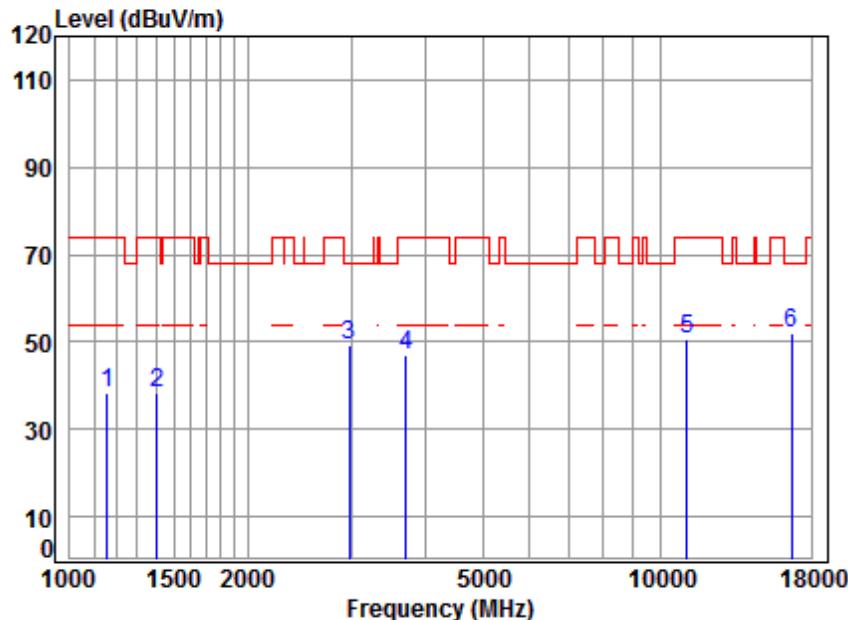
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5550 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1155.483	4.24	24.26	38.08	47.60	38.02	74.00	-35.98 peak
2	1406.443	5.17	25.42	38.05	44.61	37.15	74.00	-36.85 peak
3	2973.293	5.96	31.21	37.90	50.22	49.49	68.20	-18.71 peak
4	3714.443	6.69	32.82	37.97	46.80	48.34	74.00	-25.66 peak
5	11100.000	11.73	37.78	35.52	35.98	49.97	74.00	-24.03 peak
6	16650.000	15.17	42.73	36.81	30.08	51.17	68.20	-17.03 peak

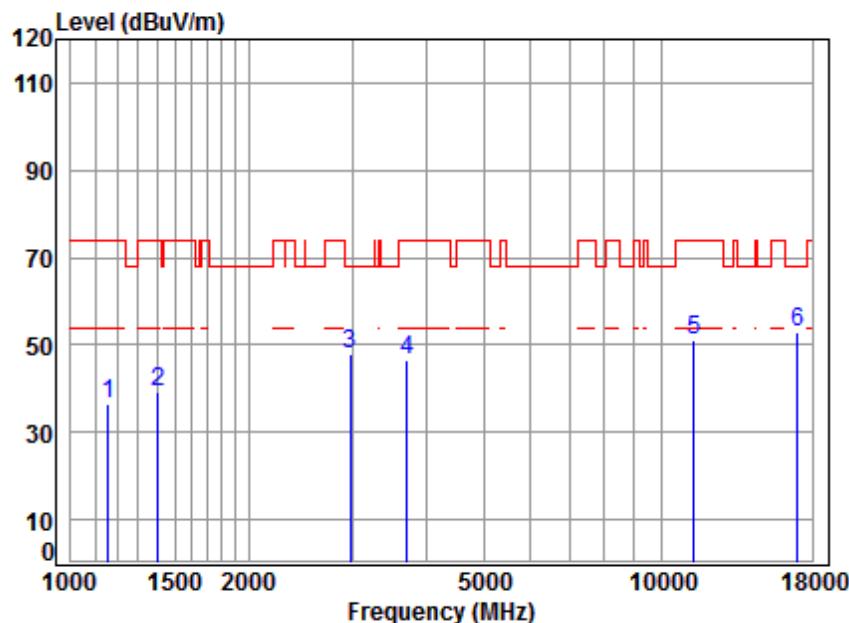
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5550 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1158.828	4.25	24.27	38.08	48.08	38.52	74.00	-35.48 peak
2	1406.443	5.17	25.42	38.05	45.69	38.23	74.00	-35.77 peak
3	2973.293	5.96	31.21	37.90	50.09	49.36	68.20	-18.84 peak
4	3714.443	6.69	32.82	37.97	45.38	46.92	74.00	-27.08 peak
5	11100.000	11.73	37.78	35.52	36.48	50.47	74.00	-23.53 peak
6	16650.000	15.17	42.73	36.81	30.84	51.93	68.20	-16.27 peak

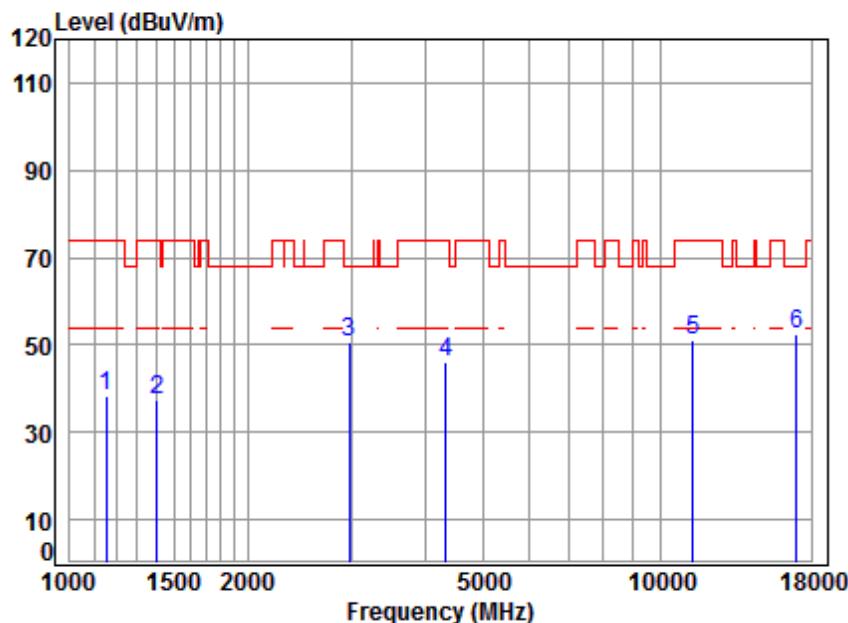
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5670 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1155.483	4.24	24.26	38.08	46.29	36.71	74.00	-37.29 peak
2	1406.443	5.17	25.42	38.05	46.82	39.36	74.00	-34.64 peak
3	2973.293	5.96	31.21	37.90	48.45	47.72	68.20	-20.48 peak
4	3714.443	6.69	32.82	37.97	45.11	46.65	74.00	-27.35 peak
5	11340.000	11.98	37.97	35.82	36.97	51.10	74.00	-22.90 peak
6	17010.000	16.69	42.81	36.29	29.84	53.05	68.20	-15.15 peak

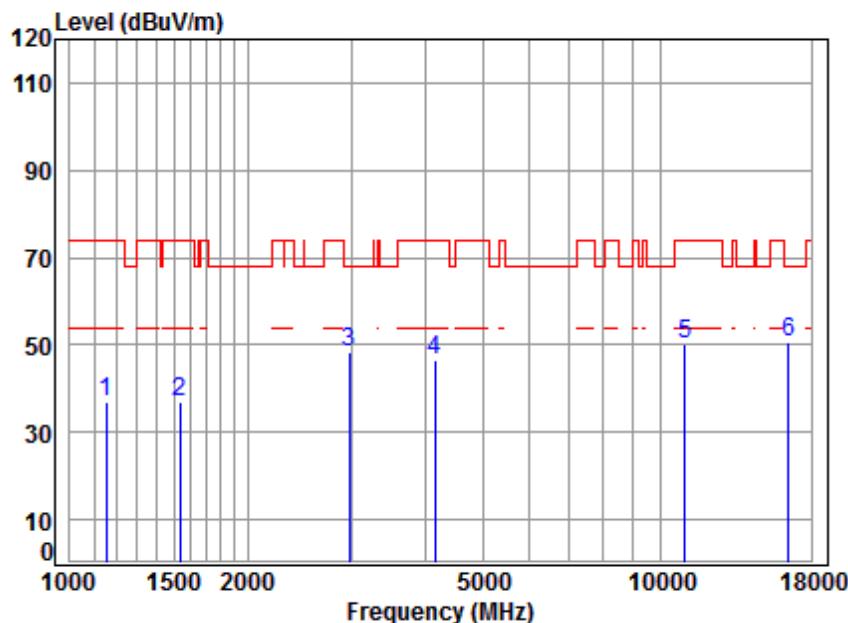
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5670 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	48.05	38.43	74.00	-35.57 peak
2	1406.443	5.17	25.42	38.05	45.10	37.64	74.00	-36.36 peak
3	2973.293	5.96	31.21	37.90	51.21	50.48	68.20	-17.72 peak
4	4341.886	7.38	33.60	38.18	43.23	46.03	74.00	-27.97 peak
5	11340.000	11.98	37.97	35.82	37.07	51.20	74.00	-22.80 peak
6	17010.000	16.69	42.81	36.29	29.43	52.64	68.20	-15.56 peak

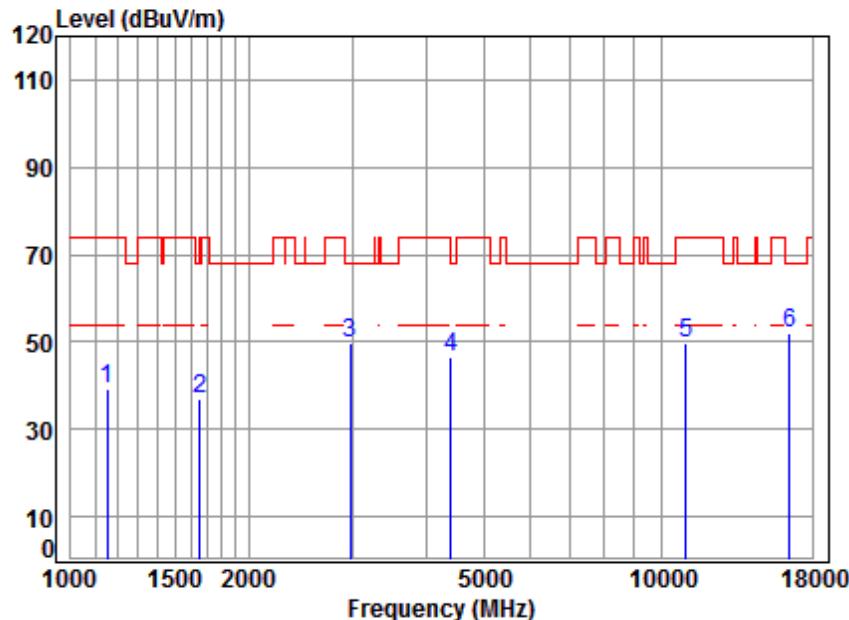
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	38.08	46.60	36.98	74.00	-37.02	peak
2	1538.281	5.43	25.98	38.04	43.56	36.93	74.00	-37.07	peak
3	2973.293	5.96	31.21	37.90	49.20	48.47	68.20	-19.73	peak
4	4145.664	7.16	33.60	38.08	43.99	46.67	74.00	-27.33	peak
5	11000.000	11.63	37.70	35.40	36.22	50.15	74.00	-23.85	peak
6	16500.000	14.50	42.70	37.04	30.50	50.66	68.20	-17.54	peak

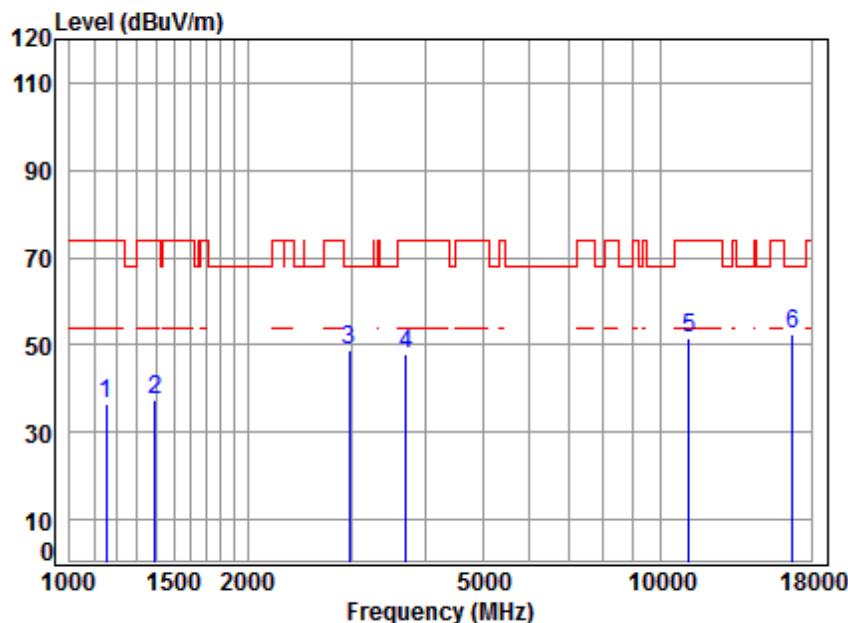
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 TX RSE  
: 5G WIFI 11AC20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit		Over Limit	Remark
					Level	Line		
1 1152.148	4.22	24.24	38.08	48.69	39.07	74.00	-34.93	peak
2 1653.550	5.28	26.48	38.03	43.21	36.94	68.20	-31.26	peak
3 2973.293	5.96	31.21	37.90	50.50	49.77	68.20	-18.43	peak
4 4405.090	7.46	33.60	38.22	43.83	46.67	68.20	-21.53	peak
5 11000.000	11.63	37.70	35.40	35.79	49.72	74.00	-24.28	peak
6 16500.000	14.50	42.70	37.04	31.86	52.02	68.20	-16.18	peak

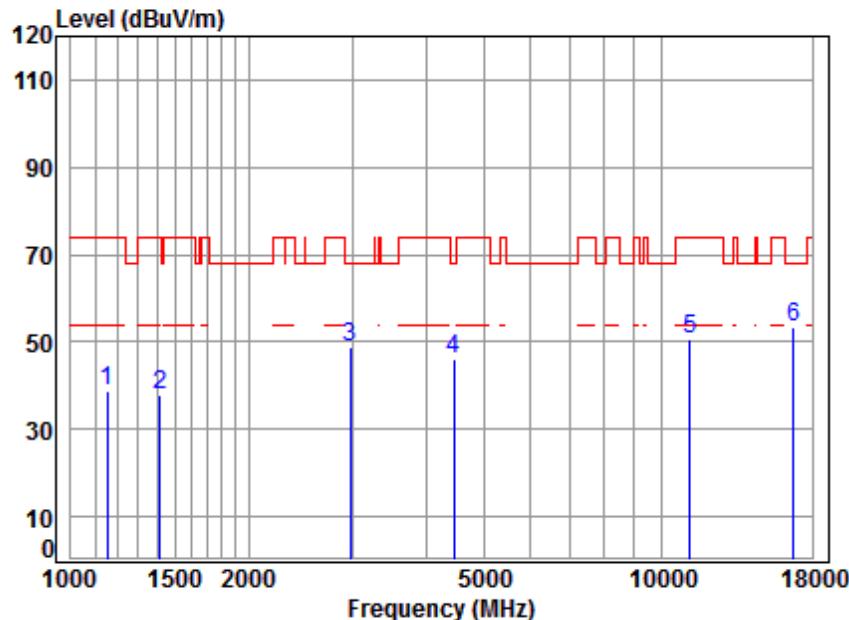
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1152.148	4.22	24.24	38.08	46.24	36.62	74.00	-37.38	peak
2	1394.300	5.13	25.37	38.05	45.00	37.45	74.00	-36.55	peak
3	2973.293	5.96	31.21	37.90	49.36	48.63	68.20	-19.57	peak
4	3714.443	6.69	32.82	37.97	46.29	47.83	74.00	-26.17	peak
5	11160.000	11.80	37.83	35.60	37.31	51.34	74.00	-22.66	peak
6	16740.000	15.57	42.75	36.68	30.73	52.37	68.20	-15.83	peak

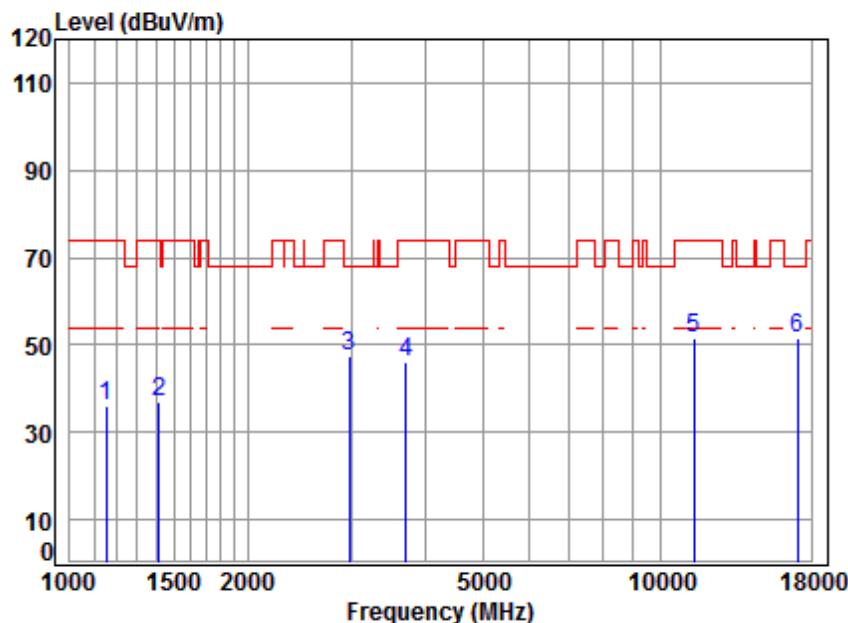
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5580 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 1152.148	4.22	24.24	38.08	48.48	38.86	74.00	-35.14	peak
2 1414.597	5.20	25.45	38.05	45.13	37.73	74.00	-36.27	peak
3 2973.293	5.96	31.21	37.90	49.38	48.65	68.20	-19.55	peak
4 4456.315	7.51	33.60	38.24	43.43	46.30	68.20	-21.90	peak
5 11160.000	11.80	37.83	35.60	36.66	50.69	74.00	-23.31	peak
6 16740.000	15.57	42.75	36.68	31.73	53.37	68.20	-14.83	peak

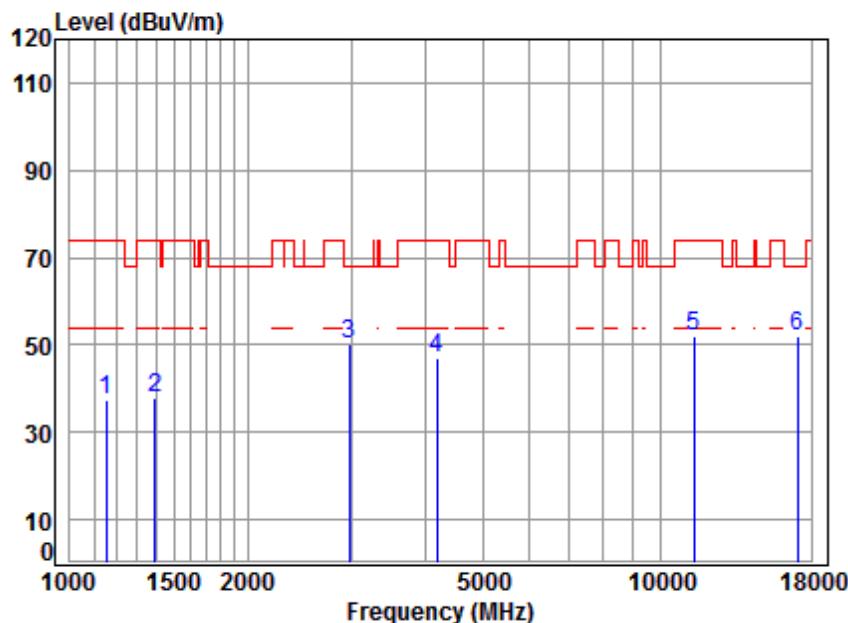
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	45.60	35.98	74.00	-38.02 peak
2	1418.692	5.21	25.47	38.05	44.42	37.05	74.00	-36.95 peak
3	2973.293	5.96	31.21	37.90	48.28	47.55	68.20	-20.65 peak
4	3714.443	6.69	32.82	37.97	44.55	46.09	74.00	-27.91 peak
5	11400.000	12.04	38.02	35.89	37.34	51.51	74.00	-22.49 peak
6	17100.000	16.49	42.92	36.25	28.27	51.43	68.20	-16.77 peak

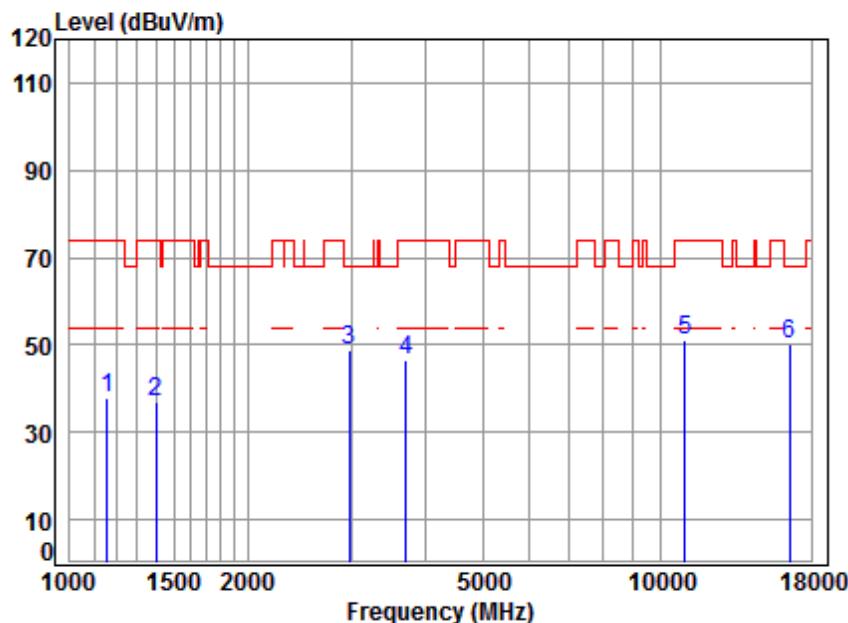
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	46.98	37.36	74.00	-36.64 peak
2	1394.300	5.13	25.37	38.05	45.23	37.68	74.00	-36.32 peak
3	2973.293	5.96	31.21	37.90	50.80	50.07	68.20	-18.13 peak
4	4181.768	7.20	33.60	38.10	44.39	47.09	74.00	-26.91 peak
5	11400.000	12.04	38.02	35.89	37.68	51.85	74.00	-22.15 peak
6	17100.000	16.49	42.92	36.25	28.98	52.14	68.20	-16.06 peak

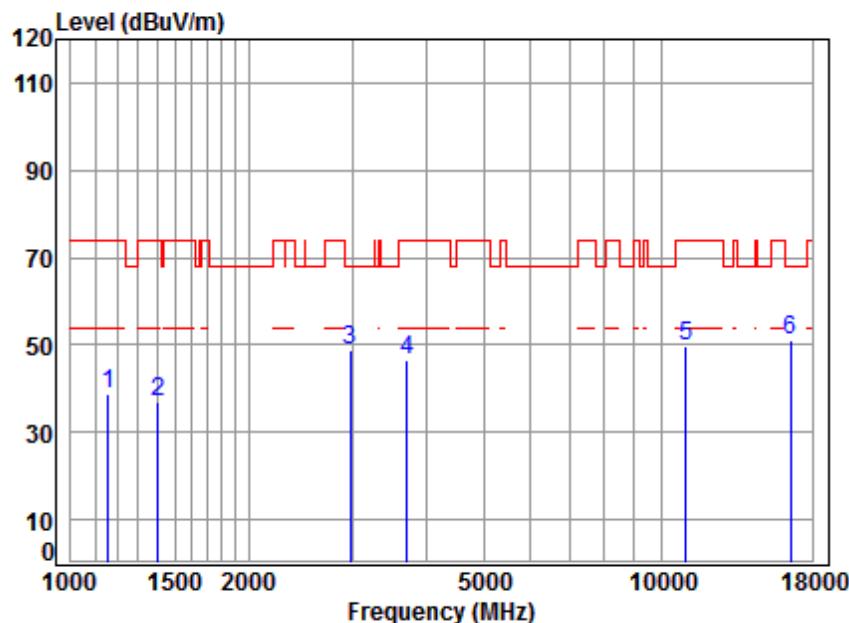
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 TX RSE  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	4.25	24.27	38.08	47.45	37.89	74.00	-36.11	peak
2	1398.336	5.15	25.38	38.05	44.49	36.97	74.00	-37.03	peak
3	2973.293	5.96	31.21	37.90	49.51	48.78	68.20	-19.42	peak
4	3714.443	6.69	32.82	37.97	44.79	46.33	74.00	-27.67	peak
5	11020.000	11.65	37.72	35.43	37.30	51.24	74.00	-22.76	peak
6	16530.000	14.63	42.71	36.99	29.88	50.23	68.20	-17.97	peak

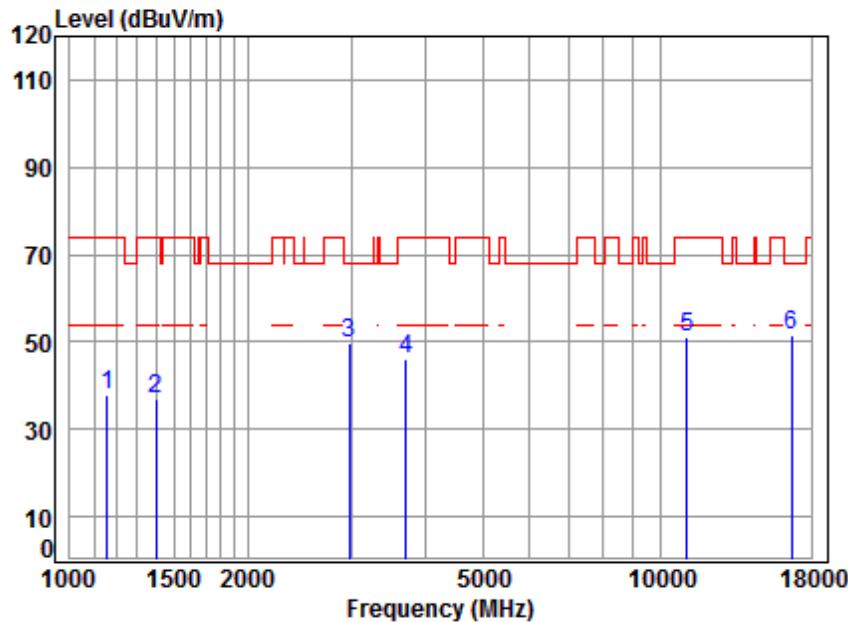
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1158.828	4.25	24.27	38.08	48.14	38.58	74.00	-35.42 peak
2	1406.443	5.17	25.42	38.05	44.38	36.92	74.00	-37.08 peak
3	2973.293	5.96	31.21	37.90	49.74	49.01	68.20	-19.19 peak
4	3714.443	6.69	32.82	37.97	44.92	46.46	74.00	-27.54 peak
5	11020.000	11.65	37.72	35.43	35.73	49.67	74.00	-24.33 peak
6	16530.000	14.63	42.71	36.99	30.94	51.29	68.20	-16.91 peak

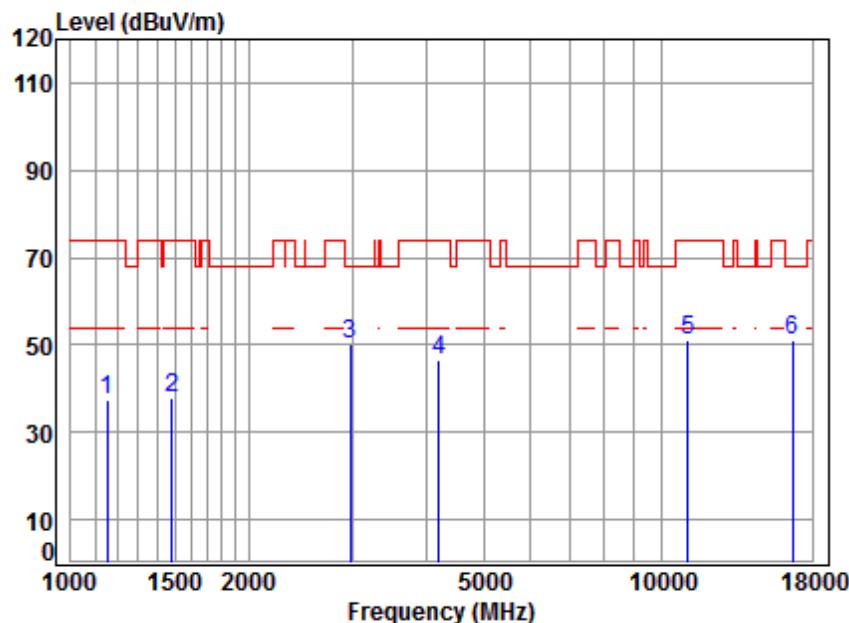
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5550 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1155.483	4.24	24.26	38.08	47.25	37.67	74.00	-36.33	peak
2	1398.336	5.15	25.38	38.05	44.60	37.08	74.00	-36.92	peak
3	2973.293	5.96	31.21	37.90	50.53	49.80	68.20	-18.40	peak
4	3714.443	6.69	32.82	37.97	44.40	45.94	74.00	-28.06	peak
5	11100.000	11.73	37.78	35.52	36.98	50.97	74.00	-23.03	peak
6	16650.000	15.17	42.73	36.81	30.51	51.60	68.20	-16.60	peak

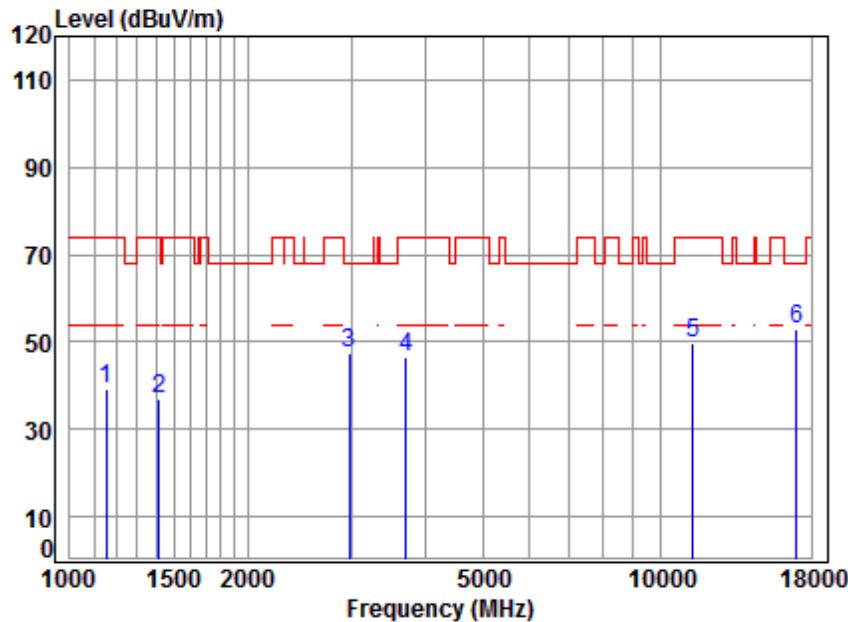
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5550 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 1152.148	4.22	24.24	38.08	47.22	37.60	74.00	-36.40	peak
2 1485.841	5.43	25.74	38.04	44.55	37.68	74.00	-36.32	peak
3 2973.293	5.96	31.21	37.90	51.10	50.37	68.20	-17.83	peak
4 4206.011	7.23	33.60	38.11	43.89	46.61	74.00	-27.39	peak
5 11100.000	11.73	37.78	35.52	36.98	50.97	74.00	-23.03	peak
6 16650.000	15.17	42.73	36.81	30.15	51.24	68.20	-16.96	peak

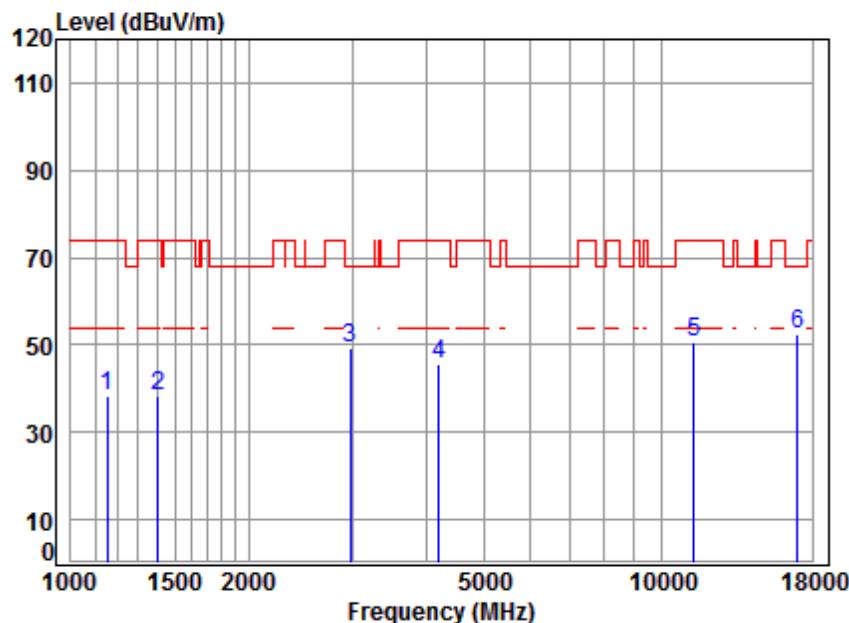
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5670 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	49.00	39.38	74.00	-34.62 peak
2	1418.692	5.21	25.47	38.05	44.26	36.89	74.00	-37.11 peak
3	2973.293	5.96	31.21	37.90	48.32	47.59	68.20	-20.61 peak
4	3714.443	6.69	32.82	37.97	44.96	46.50	74.00	-27.50 peak
5	11340.000	11.98	37.97	35.82	35.41	49.54	74.00	-24.46 peak
6	17010.000	16.69	42.81	36.29	29.79	53.00	68.20	-15.20 peak

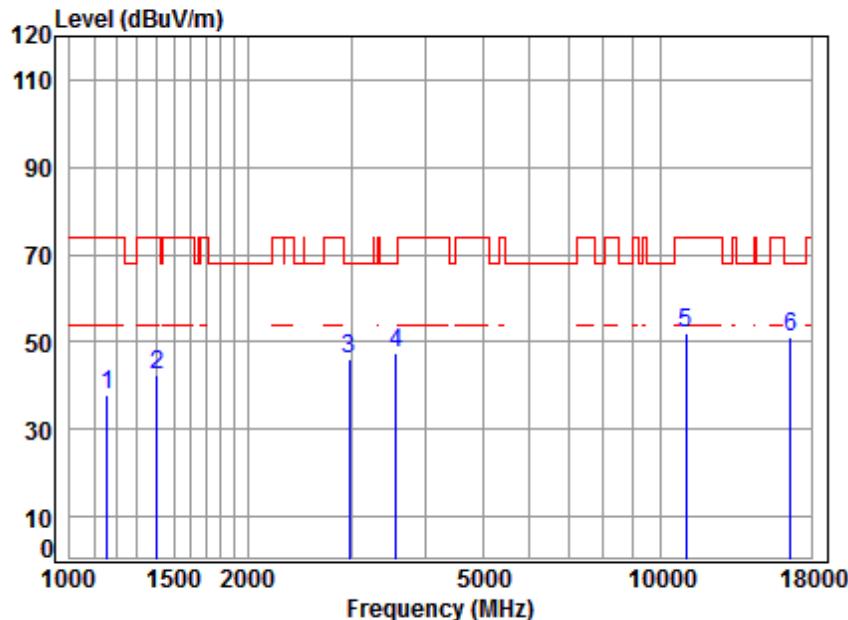
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5670 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	48.02	38.40	74.00	-35.60 peak
2	1406.443	5.17	25.42	38.05	45.86	38.40	74.00	-35.60 peak
3	2973.293	5.96	31.21	37.90	50.15	49.42	68.20	-18.78 peak
4	4206.011	7.23	33.60	38.11	43.11	45.83	74.00	-28.17 peak
5	11340.000	11.98	37.97	35.82	36.67	50.80	74.00	-23.20 peak
6	17010.000	16.69	42.81	36.29	29.34	52.55	68.20	-15.65 peak

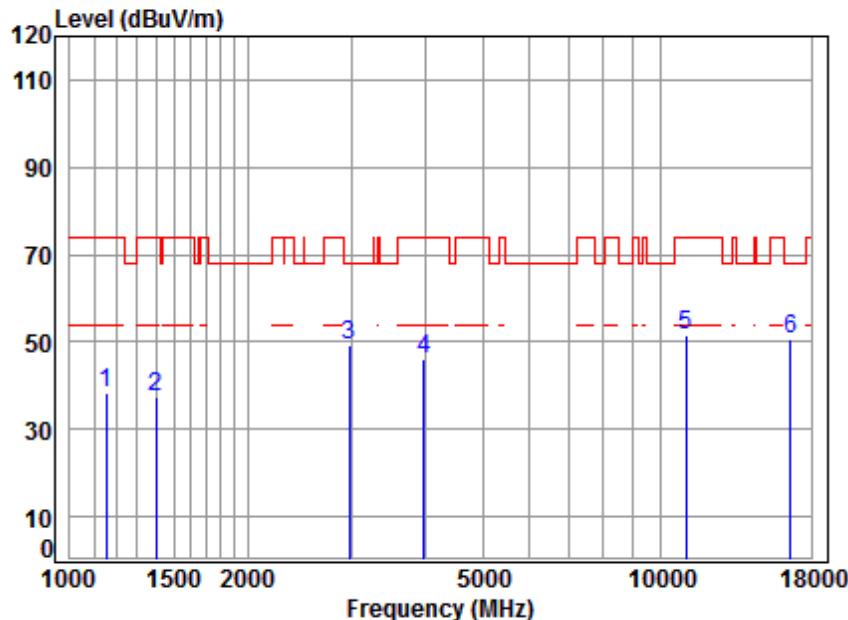
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5530 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1	1158.828	4.25	24.27	38.08	47.49	37.93	74.00 -36.07 peak
2	1406.443	5.17	25.42	38.05	50.12	42.66	74.00 -31.34 peak
3	2973.293	5.96	31.21	37.90	46.69	45.96	68.20 -22.24 peak
4	3567.138	6.53	32.40	37.96	46.56	47.53	68.20 -20.67 peak
5	11060.000	11.69	37.75	35.48	38.01	51.97	74.00 -22.03 peak
6	16590.000	14.90	42.72	36.90	30.60	51.32	68.20 -16.88 peak

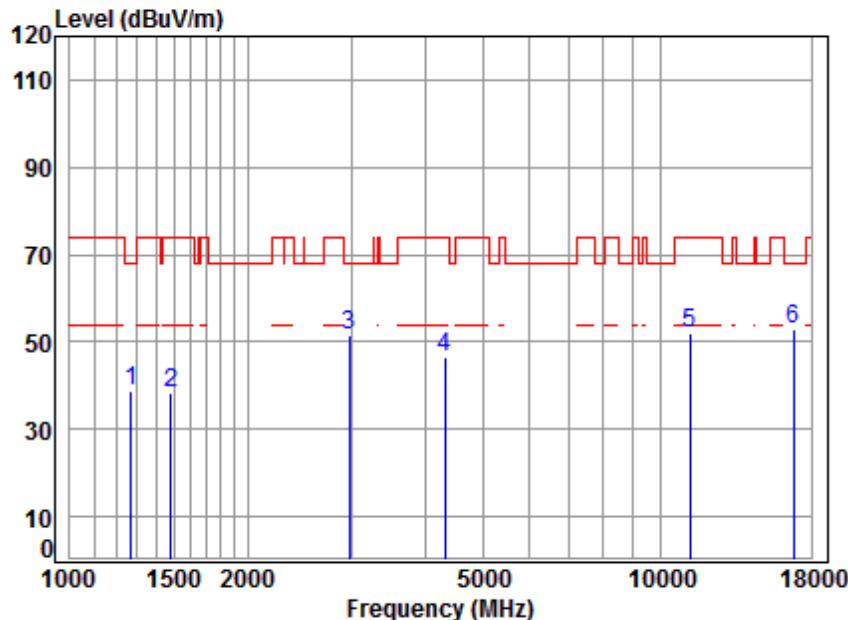
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5530 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 1152.148	4.22	24.24	38.08	48.17	38.55	74.00	-35.45	peak
2 1398.336	5.15	25.38	38.05	44.94	37.42	74.00	-36.58	peak
3 2973.293	5.96	31.21	37.90	50.19	49.46	68.20	-18.74	peak
4 3981.257	6.96	33.55	38.00	43.68	46.19	74.00	-27.81	peak
5 11060.000	11.69	37.75	35.48	37.70	51.66	74.00	-22.34	peak
6 16590.000	14.90	42.72	36.90	30.14	50.86	68.20	-17.34	peak

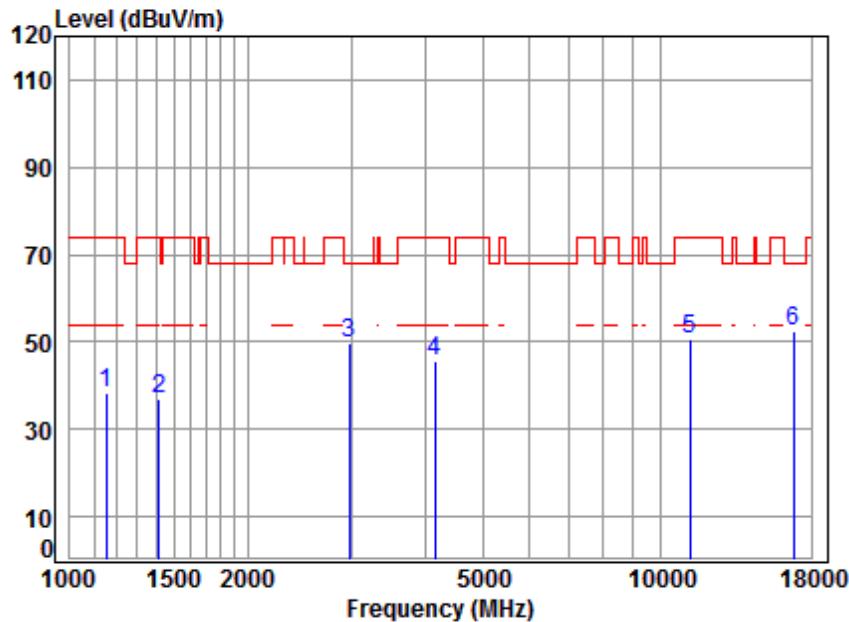
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5610 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1271.123	4.69	24.82	38.07	47.51	38.95	68.20	-29.25 peak
2	1485.841	5.43	25.74	38.04	45.07	38.20	74.00	-35.80 peak
3	2973.293	5.96	31.21	37.90	52.18	51.45	68.20	-16.75 peak
4	4316.859	7.36	33.60	38.17	43.92	46.71	74.00	-27.29 peak
5	11220.000	11.86	37.88	35.67	37.72	51.79	74.00	-22.21 peak
6	16830.000	15.97	42.77	36.55	30.57	52.76	68.20	-15.44 peak

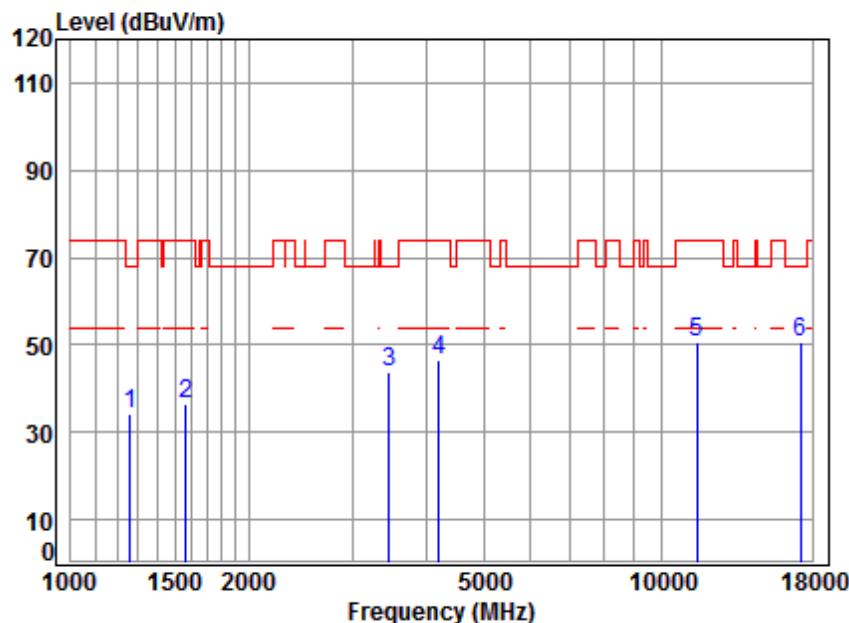
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5610 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1152.148	4.22	24.24	38.08	48.07	38.45	74.00	-35.55 peak
2	1414.597	5.20	25.45	38.05	44.56	37.16	74.00	-36.84 peak
3	2973.293	5.96	31.21	37.90	50.60	49.87	68.20	-18.33 peak
4	4145.664	7.16	33.60	38.08	42.99	45.67	74.00	-28.33 peak
5	11220.000	11.86	37.88	35.67	36.47	50.54	74.00	-23.46 peak
6	16830.000	15.97	42.77	36.55	30.40	52.59	68.20	-15.61 peak

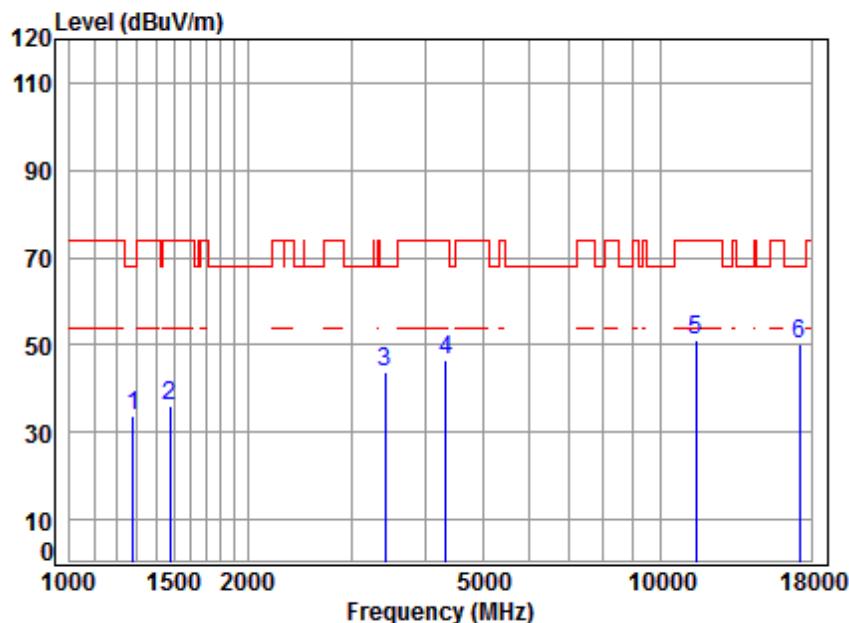
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1260.149	4.65	24.77	38.07	42.82	34.17	68.20	-34.03 peak
2	1565.191	5.39	26.10	38.04	43.09	36.54	74.00	-37.46 peak
3	3465.510	6.43	32.14	37.95	43.02	43.64	68.20	-24.56 peak
4	4193.872	7.21	33.60	38.11	43.82	46.52	74.00	-27.48 peak
5	11490.000	12.13	38.09	36.00	36.29	50.51	74.00	-23.49 peak
6	17235.000	16.18	43.08	36.18	27.50	50.58	68.20	-17.62 peak

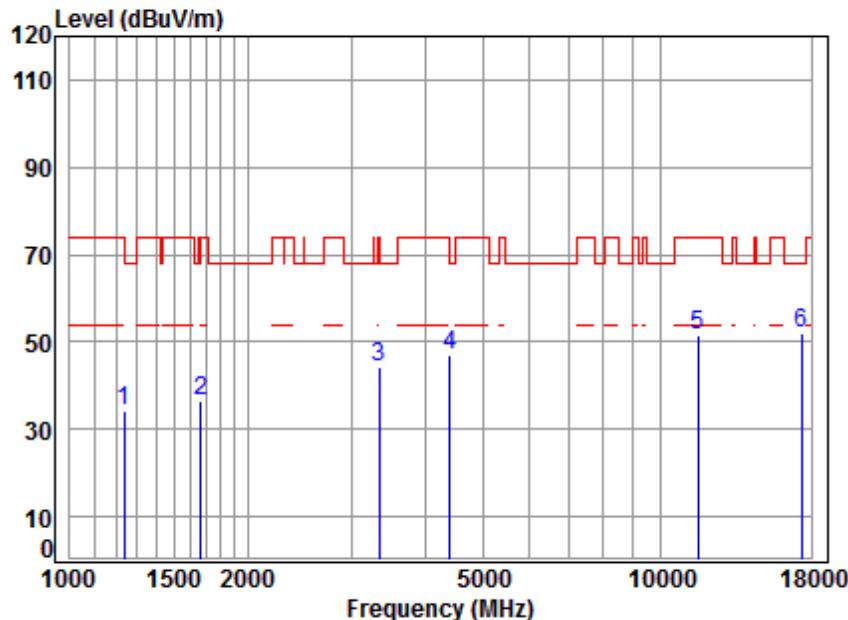
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	38.06	42.18	33.72	68.20	-34.48	peak
2	1477.276	5.41	25.71	38.04	43.04	36.12	74.00	-37.88	peak
3	3425.675	6.39	32.07	37.95	43.11	43.62	68.20	-24.58	peak
4	4329.354	7.37	33.60	38.18	43.60	46.39	74.00	-27.61	peak
5	11490.000	12.13	38.09	36.00	37.03	51.25	74.00	-22.75	peak
6	17235.000	16.18	43.08	36.18	27.24	50.32	68.20	-17.88	peak

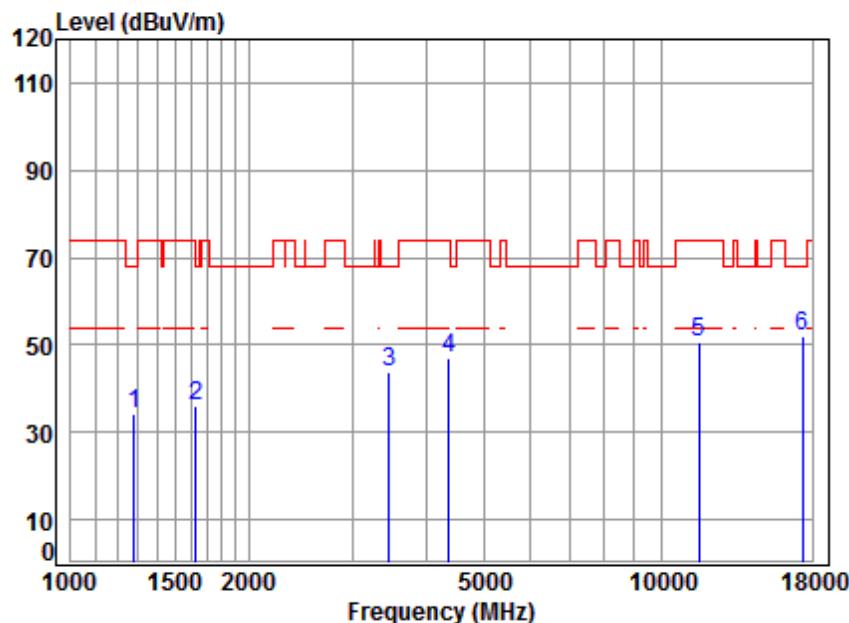
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	4.55	24.65	38.07	43.01	34.14	74.00	-39.86	peak
2	1667.951	5.27	26.54	38.03	42.65	36.43	74.00	-37.57	peak
3	3337.710	6.31	31.92	37.94	43.75	44.04	74.00	-29.96	peak
4	4405.090	7.46	33.60	38.22	44.21	47.05	68.20	-21.15	peak
5	11570.000	12.17	38.17	36.10	37.12	51.36	74.00	-22.64	peak
6	17355.000	15.92	43.23	36.12	28.99	52.02	68.20	-16.18	peak

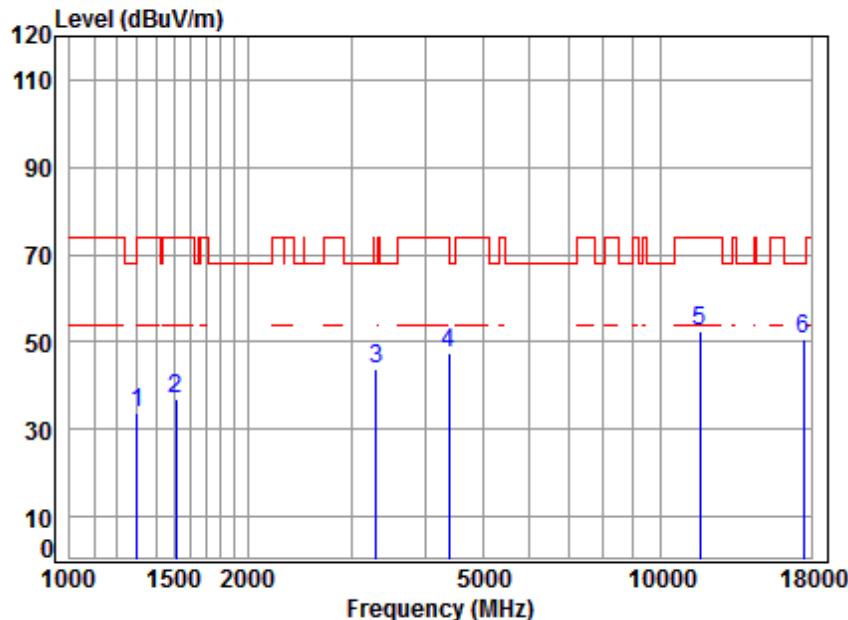
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.51	34.05	68.20	-34.15 peak
2	1629.825	5.31	26.38	38.03	42.51	36.17	68.20	-32.03 peak
3	3455.508	6.42	32.13	37.95	43.15	43.75	68.20	-24.45 peak
4	4367.058	7.41	33.60	38.20	44.38	47.19	74.00	-26.81 peak
5	11570.000	12.17	38.17	36.10	36.46	50.70	74.00	-23.30 peak
6	17355.000	15.92	43.23	36.12	28.77	51.80	68.20	-16.40 peak

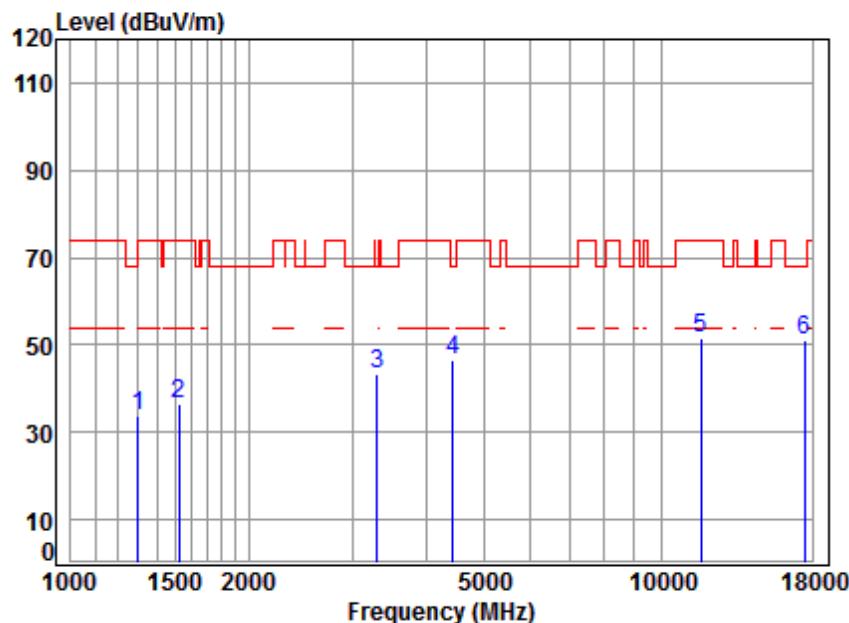
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.05	33.75	74.00	-40.25 peak
2	1511.833	5.46	25.85	38.04	43.82	37.09	74.00	-36.91 peak
3	3308.894	6.29	31.87	37.93	43.59	43.82	68.20	-24.38 peak
4	4392.376	7.44	33.60	38.21	44.65	47.48	74.00	-26.52 peak
5	11650.000	12.20	38.25	36.19	37.98	52.24	74.00	-21.76 peak
6	17475.000	15.65	43.37	36.06	27.52	50.48	68.20	-17.72 peak

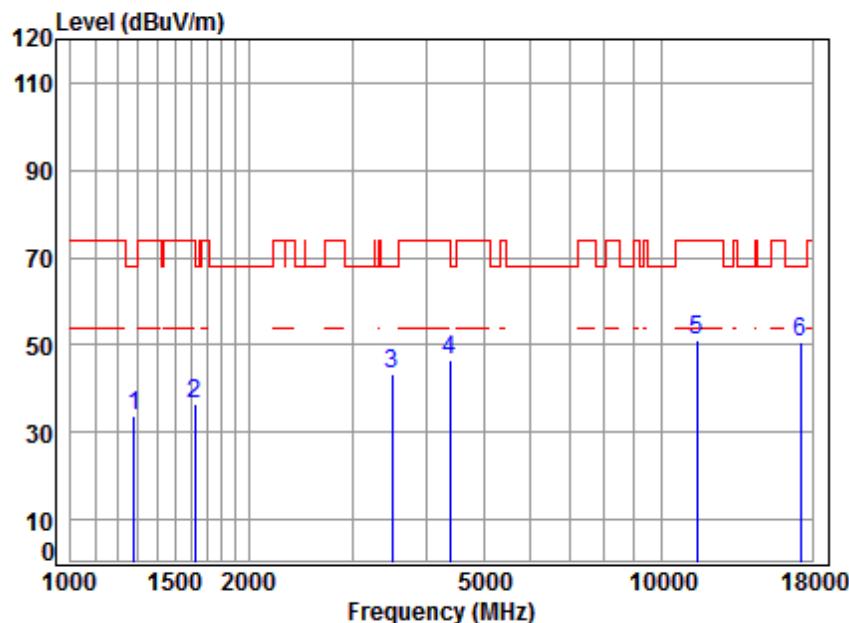
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1300.858	4.80	24.96	38.06	42.15	33.85	74.00	-40.15 peak
2	1525.000	5.45	25.91	38.04	42.97	36.29	74.00	-37.71 peak
3	3308.894	6.29	31.87	37.93	43.34	43.57	68.20	-24.63 peak
4	4430.628	7.48	33.60	38.23	43.79	46.64	68.20	-21.56 peak
5	11650.000	12.20	38.25	36.19	37.46	51.72	74.00	-22.28 peak
6	17475.000	15.65	43.37	36.06	28.11	51.07	68.20	-17.13 peak

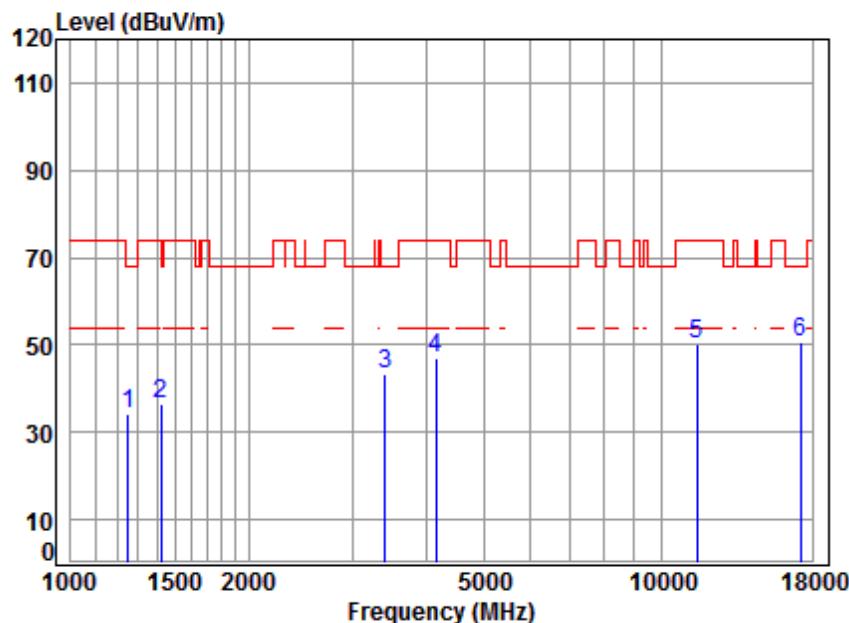
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1282.193	4.73	24.87	38.06	42.26	33.80	68.20	-34.40	peak
2	1625.121	5.32	26.36	38.03	42.66	36.31	74.00	-37.69	peak
3	3495.691	6.46	32.19	37.95	42.83	43.53	68.20	-24.67	peak
4	4392.376	7.44	33.60	38.21	43.63	46.46	74.00	-27.54	peak
5	11490.000	12.13	38.09	36.00	36.98	51.20	74.00	-22.80	peak
6	17235.000	16.18	43.08	36.18	27.76	50.84	68.20	-17.36	peak

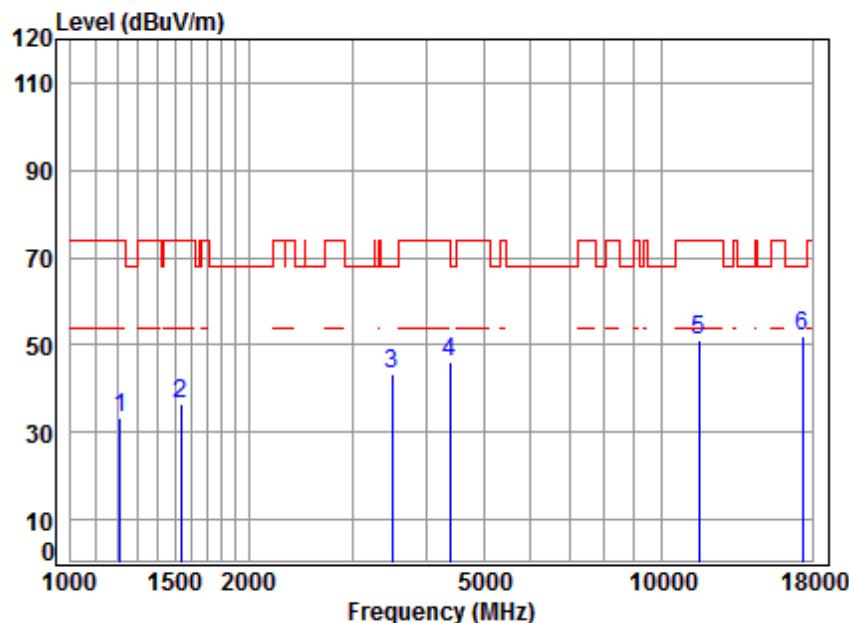
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1249.269	4.61	24.72	38.07	43.14	34.40	68.20	-33.80	peak
2	1422.798	5.23	25.49	38.05	44.00	36.67	74.00	-37.33	peak
3	3405.929	6.38	32.04	37.94	43.07	43.55	68.20	-24.65	peak
4	4145.664	7.16	33.60	38.08	44.30	46.98	74.00	-27.02	peak
5	11490.000	12.13	38.09	36.00	35.88	50.10	74.00	-23.90	peak
6	17235.000	16.18	43.08	36.18	27.41	50.49	68.20	-17.71	peak

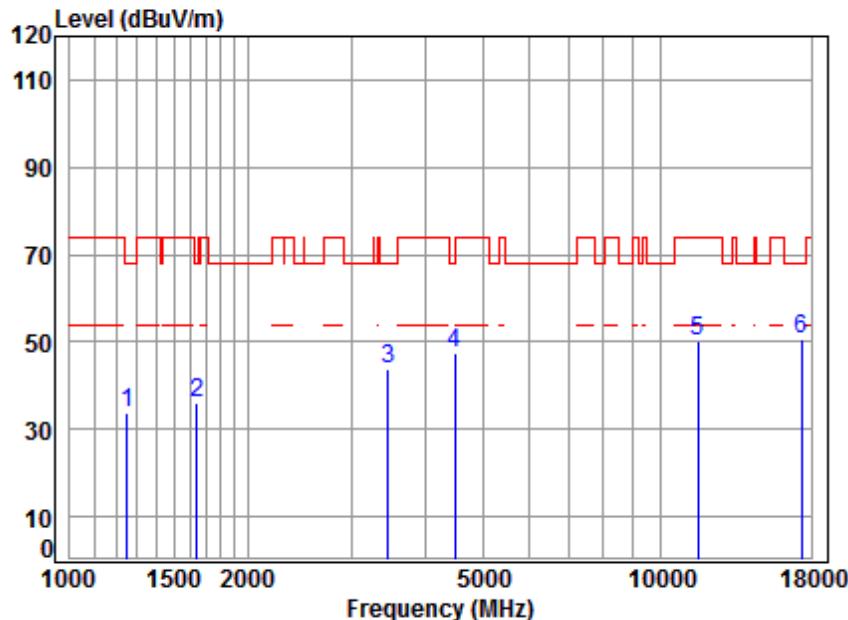
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1213.677	4.47	24.55	38.07	42.45	33.40	74.00	-40.60	peak
2	1533.841	5.44	25.96	38.04	43.08	36.44	74.00	-37.56	peak
3	3495.691	6.46	32.19	37.95	42.68	43.38	68.20	-24.82	peak
4	4392.376	7.44	33.60	38.21	43.43	46.26	74.00	-27.74	peak
5	11570.000	12.17	38.17	36.10	36.74	50.98	74.00	-23.02	peak
6	17355.000	15.92	43.23	36.12	28.80	51.83	68.20	-16.37	peak

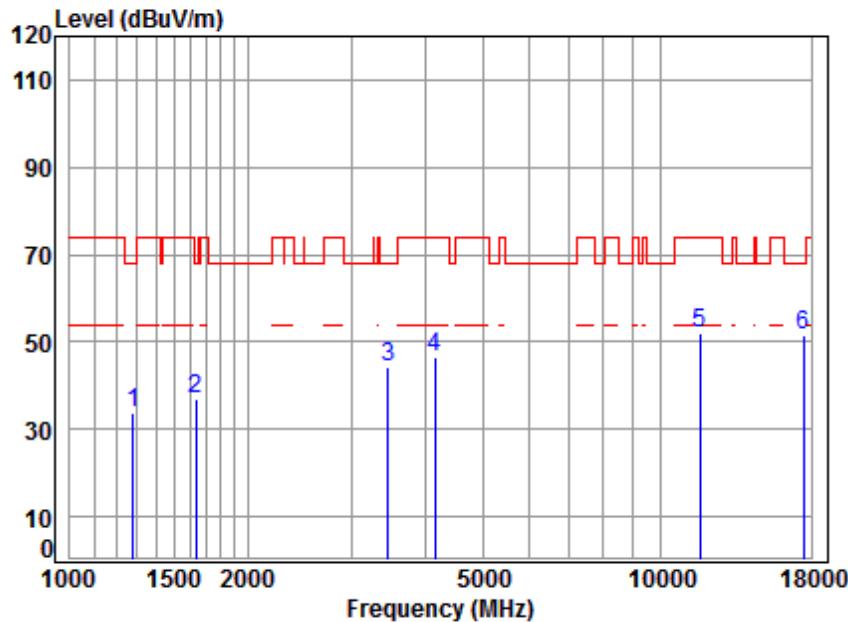
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1249.269	4.61	24.72	38.07	42.43	33.69	68.20	-34.51 peak
2	1639.274	5.30	26.42	38.03	42.35	36.04	68.20	-32.16 peak
3	3465.510	6.43	32.14	37.95	43.38	44.00	68.20	-24.20 peak
4	4495.125	7.55	33.60	38.26	44.54	47.43	68.20	-20.77 peak
5	11570.000	12.17	38.17	36.10	35.97	50.21	74.00	-23.79 peak
6	17355.000	15.92	43.23	36.12	27.72	50.75	68.20	-17.45 peak

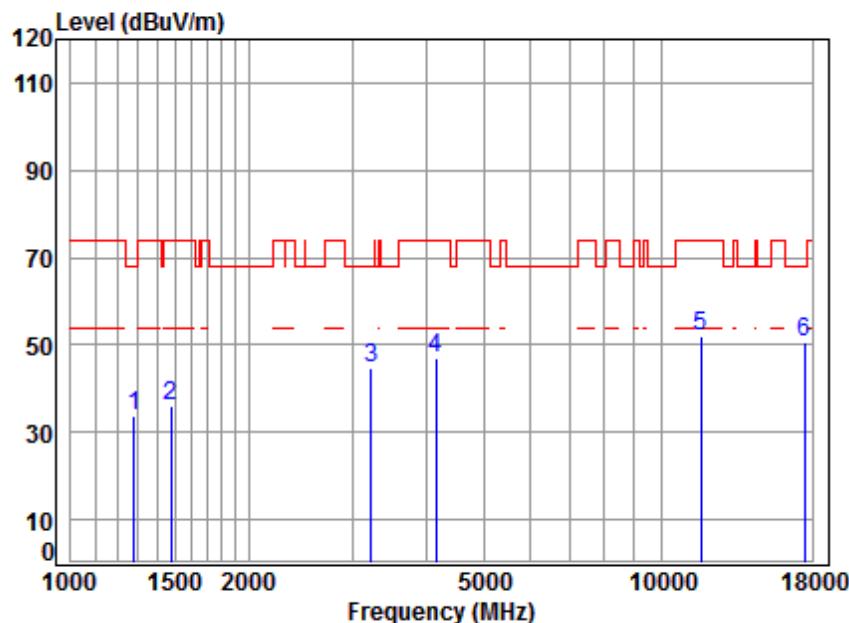
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1278.492	4.72	24.85	38.06	42.37	33.88	68.20	-34.32 peak
2	1634.543	5.31	26.40	38.03	43.11	36.79	68.20	-31.41 peak
3	3455.508	6.42	32.13	37.95	43.75	44.35	68.20	-23.85 peak
4	4145.664	7.16	33.60	38.08	43.80	46.48	74.00	-27.52 peak
5	11650.000	12.20	38.25	36.19	37.84	52.10	74.00	-21.90 peak
6	17475.000	15.65	43.37	36.06	28.65	51.61	68.20	-16.59 peak

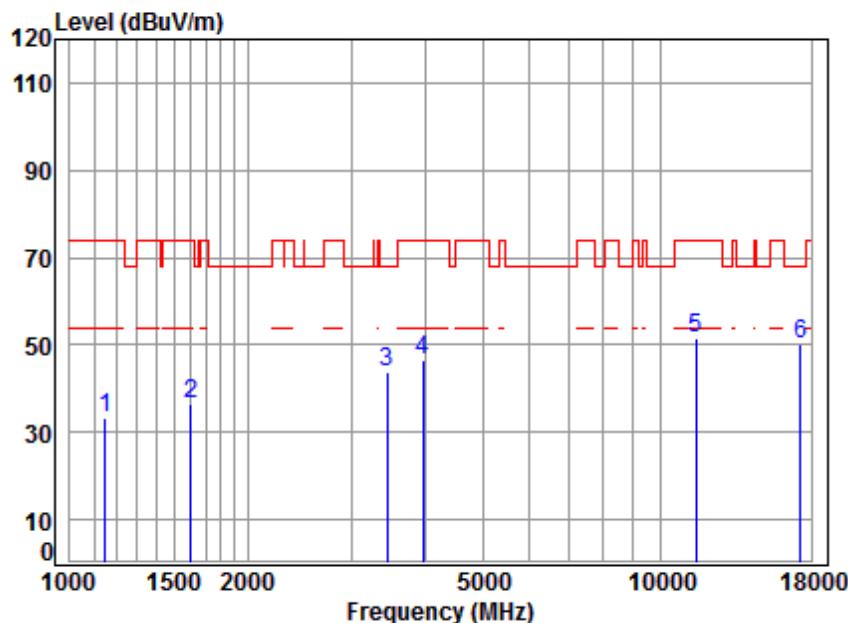
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.45	33.99	68.20	-34.21 peak
2	1477.276	5.41	25.71	38.04	43.02	36.10	74.00	-37.90 peak
3	3223.928	6.20	31.72	37.93	44.56	44.55	68.20	-23.65 peak
4	4157.664	7.17	33.60	38.09	44.47	47.15	74.00	-26.85 peak
5	11650.000	12.20	38.25	36.19	37.61	51.87	74.00	-22.13 peak
6	17475.000	15.65	43.37	36.06	27.64	50.60	68.20	-17.60 peak

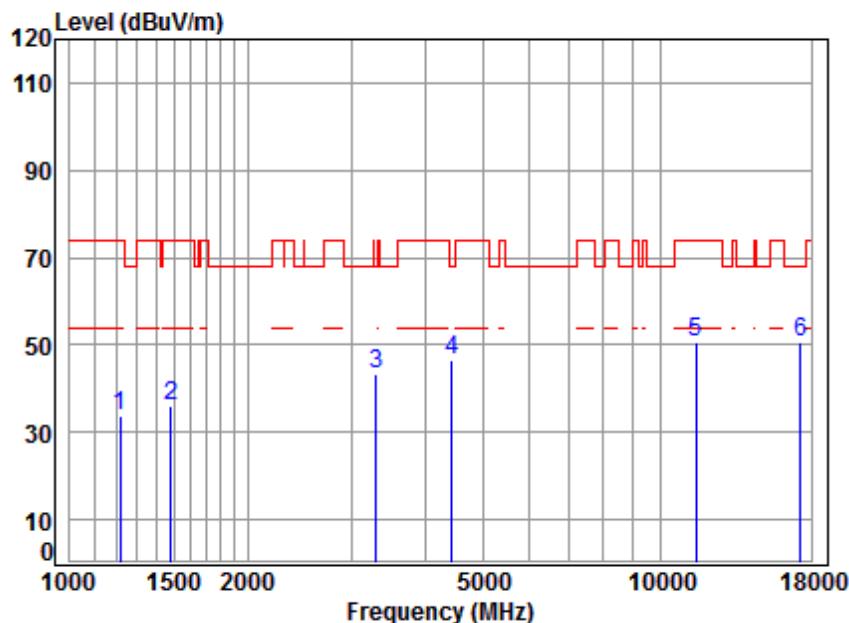
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5755 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1148.823	4.21	24.22	38.08	42.95	33.30	74.00	-40.70 peak
2	1601.804	5.35	26.26	38.03	43.04	36.62	74.00	-37.38 peak
3	3445.535	6.41	32.11	37.95	43.30	43.87	68.20	-24.33 peak
4	3958.309	6.94	33.49	38.00	44.29	46.72	74.00	-27.28 peak
5	11510.000	12.14	38.11	36.03	37.19	51.41	74.00	-22.59 peak
6	17265.000	16.12	43.12	36.16	26.88	49.96	68.20	-18.24 peak

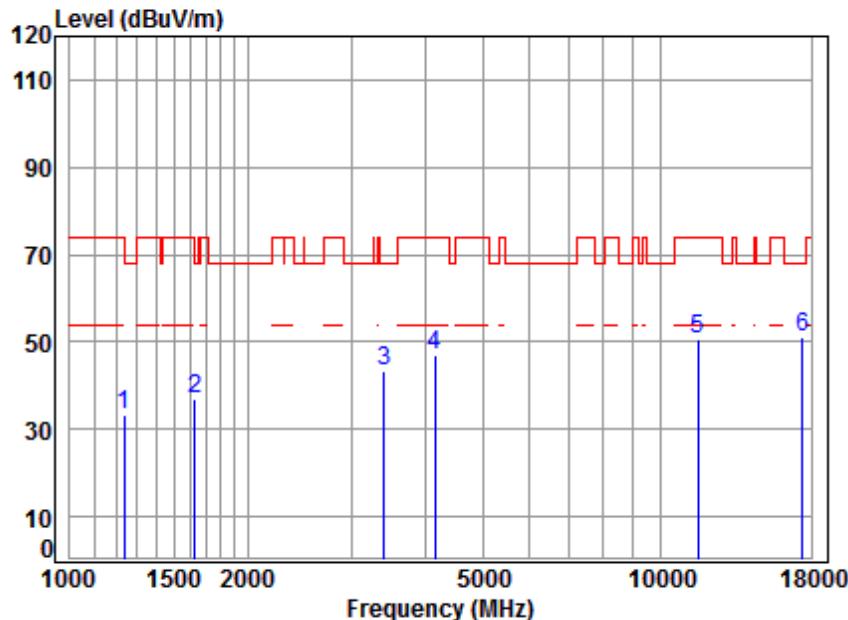
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5755 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1217.190	4.49	24.56	38.07	42.76	33.74	74.00	-40.26 peak
2	1485.841	5.43	25.74	38.04	43.11	36.24	74.00	-37.76 peak
3	3308.894	6.29	31.87	37.93	42.91	43.14	68.20	-25.06 peak
4	4443.453	7.50	33.60	38.24	43.55	46.41	68.20	-21.79 peak
5	11510.000	12.14	38.11	36.03	36.21	50.43	74.00	-23.57 peak
6	17265.000	16.12	43.12	36.16	27.72	50.80	68.20	-17.40 peak

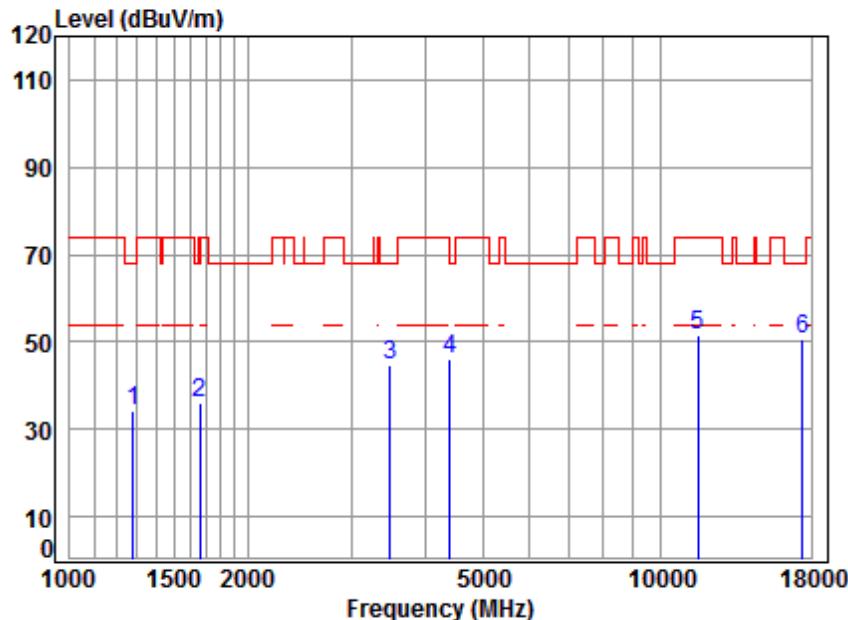
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5795 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1234.909	4.55	24.65	38.07	42.33	33.46	74.00	-40.54 peak
2	1629.825	5.31	26.38	38.03	43.32	36.98	68.20	-31.22 peak
3	3405.929	6.38	32.04	37.94	42.91	43.39	68.20	-24.81 peak
4	4145.664	7.16	33.60	38.08	44.15	46.83	74.00	-27.17 peak
5	11590.000	12.17	38.19	36.12	36.40	50.64	74.00	-23.36 peak
6	17385.000	15.85	43.26	36.10	28.05	51.06	68.20	-17.14 peak

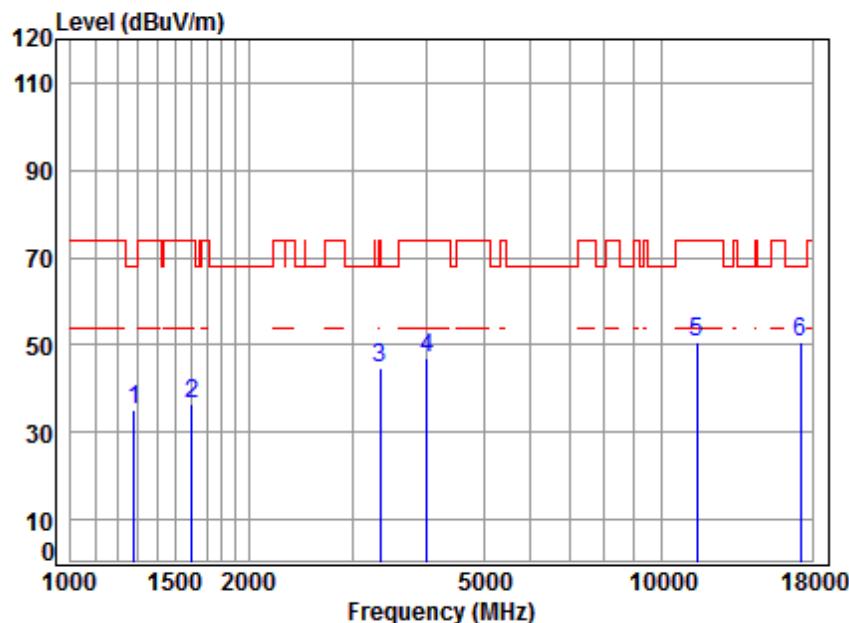
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5795 TX RSE  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1278.492	4.72	24.85	38.06	42.72	34.23	68.20	-33.97 peak
2	1658.337	5.28	26.50	38.03	42.42	36.17	68.20	-32.03 peak
3	3485.601	6.45	32.18	37.95	43.97	44.65	68.20	-23.55 peak
4	4405.090	7.46	33.60	38.22	43.35	46.19	68.20	-22.01 peak
5	11590.000	12.17	38.19	36.12	37.29	51.53	74.00	-22.47 peak
6	17385.000	15.85	43.26	36.10	27.45	50.46	68.20	-17.74 peak

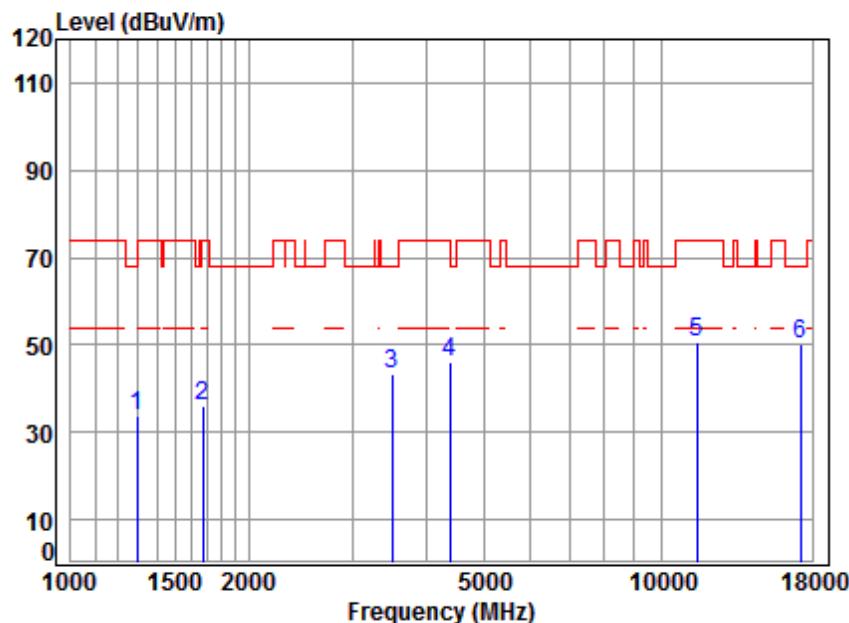
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1278.492	4.72	24.85	38.06	43.76	35.27	68.20	-32.93 peak
2	1601.804	5.35	26.26	38.03	42.76	36.34	74.00	-37.66 peak
3	3347.371	6.32	31.94	37.94	44.31	44.63	74.00	-29.37 peak
4	4004.339	6.99	33.60	38.00	44.41	47.00	74.00	-27.00 peak
5	11490.000	12.13	38.09	36.00	36.37	50.59	74.00	-23.41 peak
6	17235.000	16.18	43.08	36.18	27.60	50.68	68.20	-17.52 peak

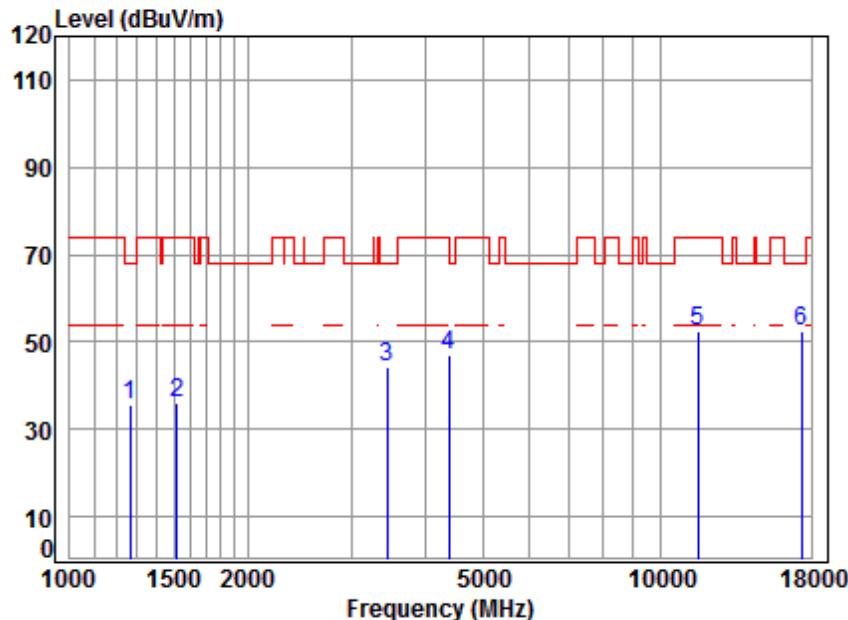
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1297.103	4.79	24.94	38.06	42.14	33.81	68.20	-34.39 peak
2	1672.779	5.26	26.56	38.03	42.40	36.19	74.00	-37.81 peak
3	3495.691	6.46	32.19	37.95	42.82	43.52	68.20	-24.68 peak
4	4392.376	7.44	33.60	38.21	43.30	46.13	74.00	-27.87 peak
5	11490.000	12.13	38.09	36.00	36.47	50.69	74.00	-23.31 peak
6	17235.000	16.18	43.08	36.18	27.16	50.24	68.20	-17.96 peak

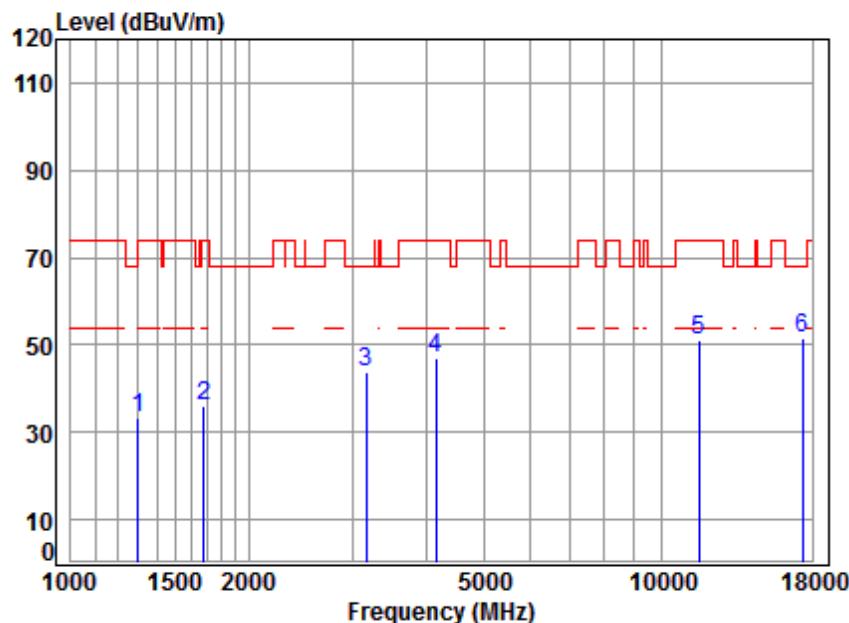
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1263.796	4.66	24.79	38.07	44.03	35.41	68.20	-32.79 peak
2	1516.210	5.46	25.87	38.04	42.82	36.11	74.00	-37.89 peak
3	3445.535	6.41	32.11	37.95	43.80	44.37	68.20	-23.83 peak
4	4392.376	7.44	33.60	38.21	44.18	47.01	74.00	-26.99 peak
5	11570.000	12.17	38.17	36.10	38.30	52.54	74.00	-21.46 peak
6	17355.000	15.92	43.23	36.12	29.51	52.54	68.20	-15.66 peak

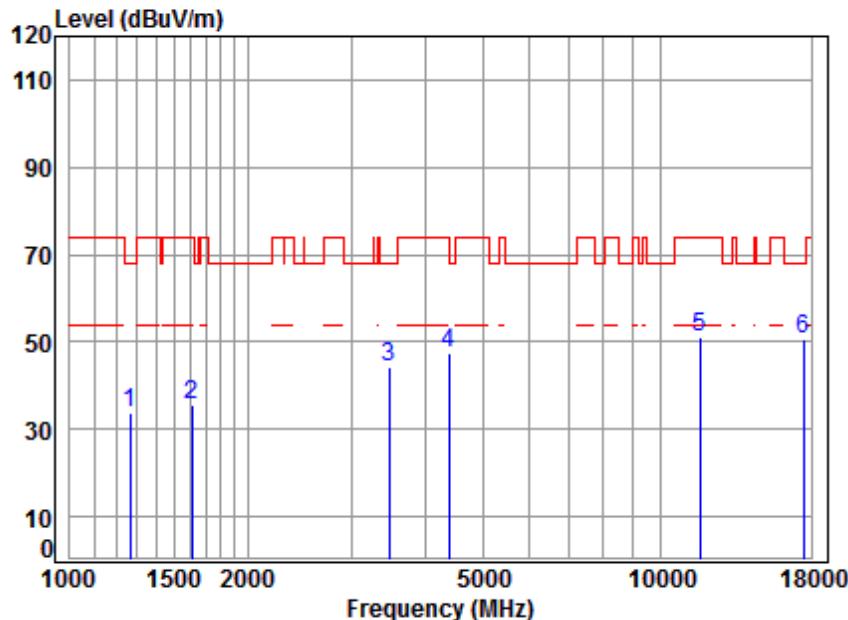
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5785 TX RSE  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	4.80	24.96	38.06	41.79	33.49	74.00	-40.51	peak
2	1677.621	5.25	26.58	38.03	42.43	36.23	74.00	-37.77	peak
3	3159.355	6.14	31.60	37.92	44.13	43.95	68.20	-24.25	peak
4	4145.664	7.16	33.60	38.08	44.12	46.80	74.00	-27.20	peak
5	11570.000	12.17	38.17	36.10	37.00	51.24	74.00	-22.76	peak
6	17355.000	15.92	43.23	36.12	28.75	51.78	68.20	-16.42	peak

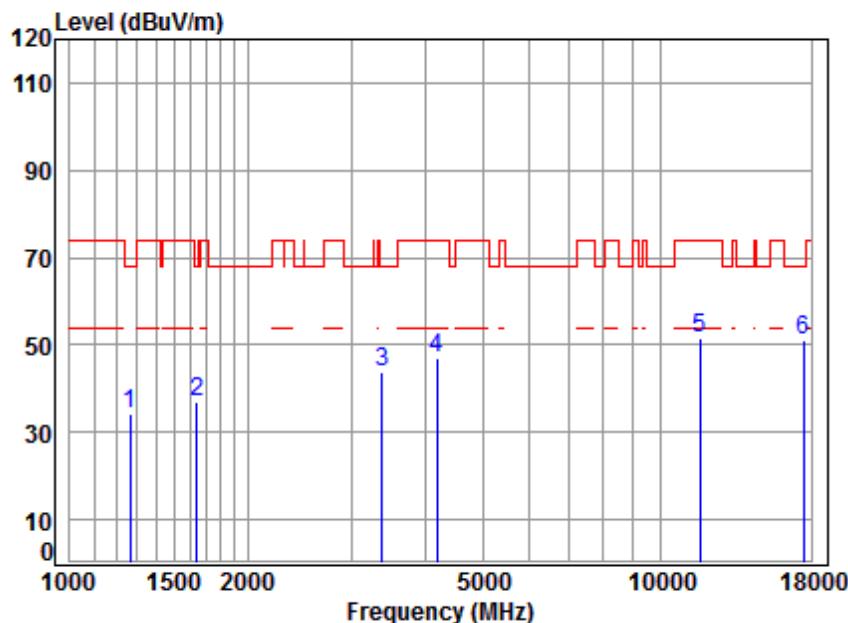
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1263.796	4.66	24.79	38.07	42.26	33.64	68.20	-34.56 peak
2	1611.091	5.34	26.30	38.03	42.17	35.78	74.00	-38.22 peak
3	3475.541	6.44	32.16	37.95	43.72	44.37	68.20	-23.83 peak
4	4379.699	7.43	33.60	38.20	44.46	47.29	74.00	-26.71 peak
5	11650.000	12.20	38.25	36.19	36.99	51.25	74.00	-22.75 peak
6	17475.000	15.65	43.37	36.06	27.46	50.42	68.20	-17.78 peak

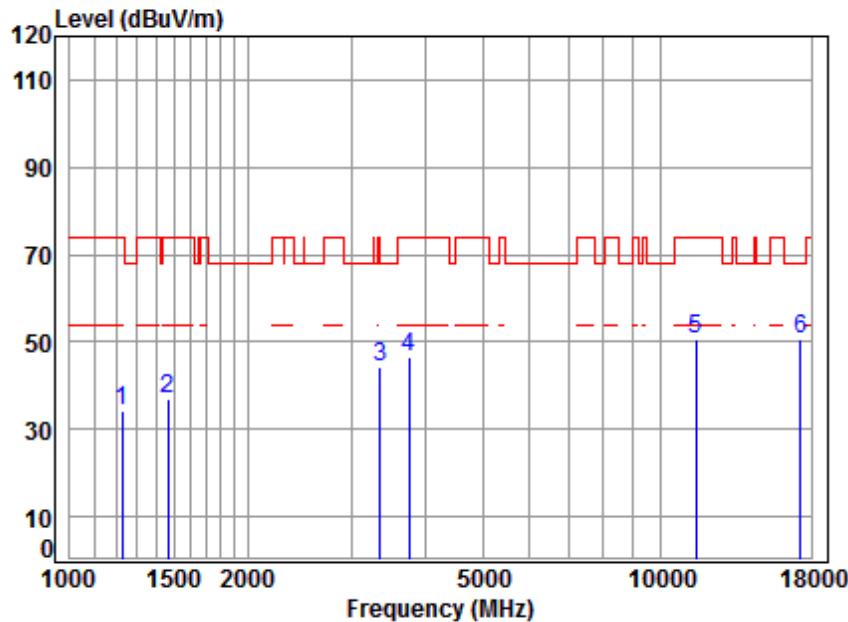
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 TX RSE  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1263.796	4.66	24.79	38.07	42.66	34.04	68.20	-34.16 peak
2	1644.019	5.30	26.44	38.03	43.04	36.75	68.20	-31.45 peak
3	3386.297	6.36	32.01	37.94	43.36	43.79	68.20	-24.41 peak
4	4181.768	7.20	33.60	38.10	44.48	47.18	74.00	-26.82 peak
5	11650.000	12.20	38.25	36.19	37.41	51.67	74.00	-22.33 peak
6	17475.000	15.65	43.37	36.06	28.04	51.00	68.20	-17.20 peak

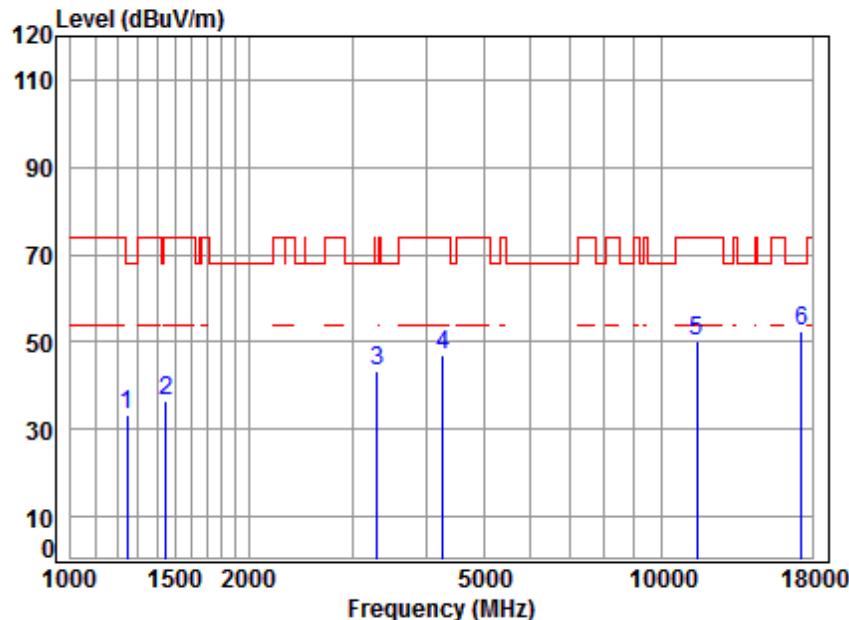
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5755 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	1227.791	4.53	24.61	38.07	43.25	34.32	74.00	-39.68	peak
2	1468.761	5.38	25.68	38.04	43.92	36.94	74.00	-37.06	peak
3	3357.061	6.33	31.96	37.94	43.73	44.08	74.00	-29.92	peak
4	3757.637	6.74	32.94	37.98	44.92	46.62	74.00	-27.38	peak
5	11510.000	12.14	38.11	36.03	36.24	50.46	74.00	-23.54	peak
6	17265.000	16.12	43.12	36.16	27.59	50.67	68.20	-17.53	peak

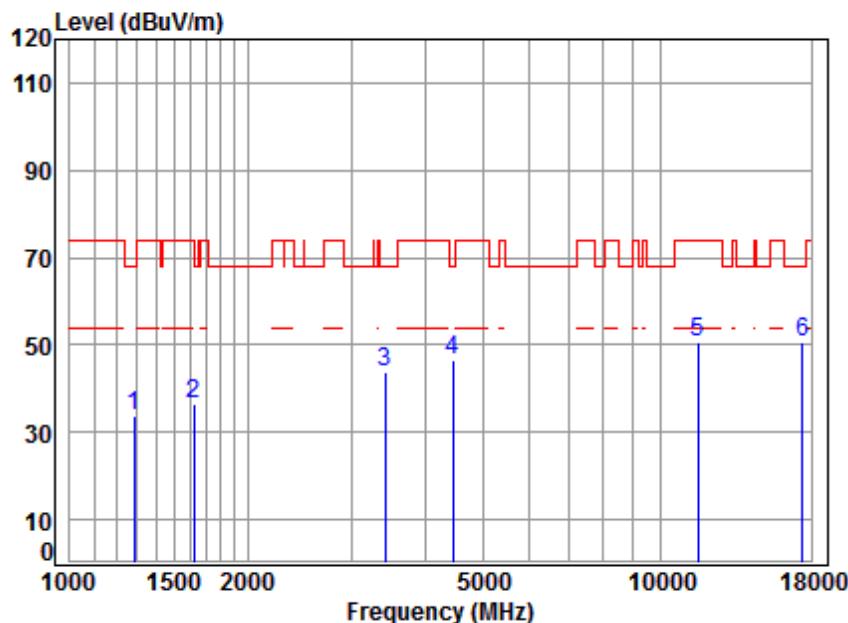
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5755 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1245.663	4.60	24.70	38.07	42.04	33.27	68.20	-34.93 peak
2	1451.878	5.32	25.61	38.05	43.53	36.41	74.00	-37.59 peak
3	3308.894	6.29	31.87	37.93	43.31	43.54	68.20	-24.66 peak
4	4267.237	7.30	33.60	38.14	44.16	46.92	74.00	-27.08 peak
5	11510.000	12.14	38.11	36.03	36.17	50.39	74.00	-23.61 peak
6	17265.000	16.12	43.12	36.16	29.45	52.53	68.20	-15.67 peak

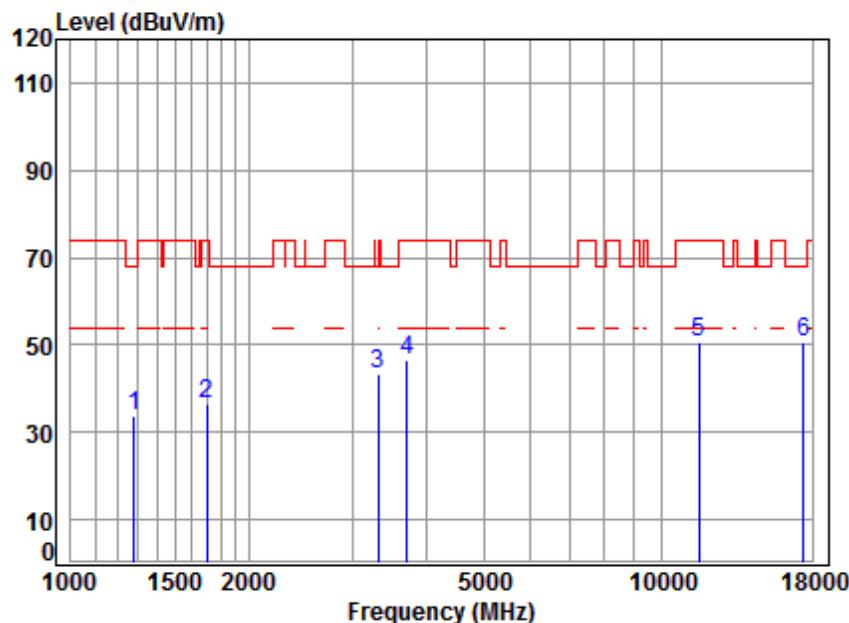
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5795 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1285.904	4.75	24.89	38.06	42.37	33.95	68.20	-34.25 peak
2	1620.431	5.32	26.34	38.03	42.88	36.51	74.00	-37.49 peak
3	3425.675	6.39	32.07	37.95	43.12	43.63	68.20	-24.57 peak
4	4456.315	7.51	33.60	38.24	43.55	46.42	68.20	-21.78 peak
5	11590.000	12.17	38.19	36.12	36.52	50.76	74.00	-23.24 peak
6	17385.000	15.85	43.26	36.10	27.72	50.73	68.20	-17.47 peak

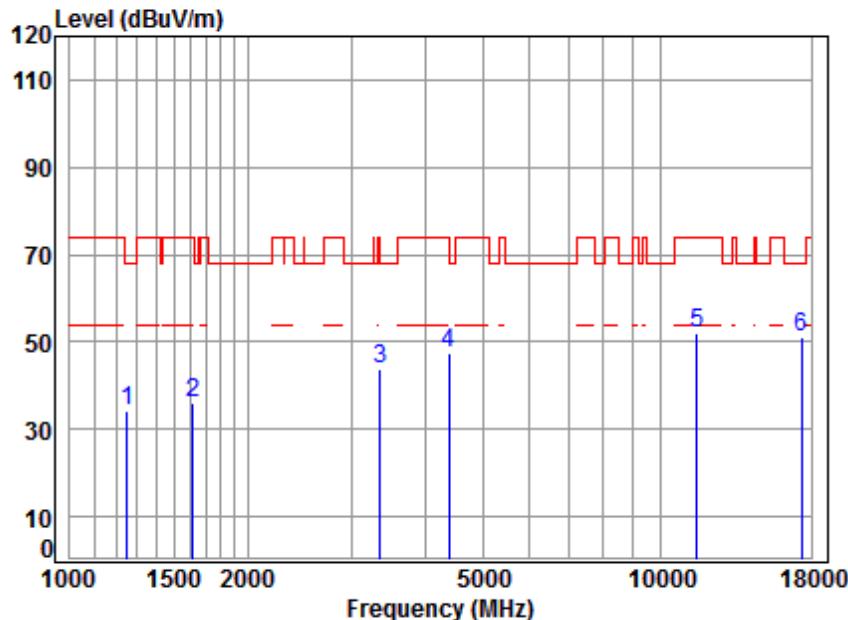
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5795 TX RSE  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1282.193	4.73	24.87	38.06	42.07	33.61	68.20	-34.59 peak
2	1702.042	5.23	26.68	38.02	42.41	36.30	74.00	-37.70 peak
3	3318.471	6.29	31.89	37.94	43.27	43.51	68.20	-24.69 peak
4	3714.443	6.69	32.82	37.97	44.83	46.37	74.00	-27.63 peak
5	11590.000	12.17	38.19	36.12	36.23	50.47	74.00	-23.53 peak
6	17385.000	15.85	43.26	36.10	27.81	50.82	68.20	-17.38 peak

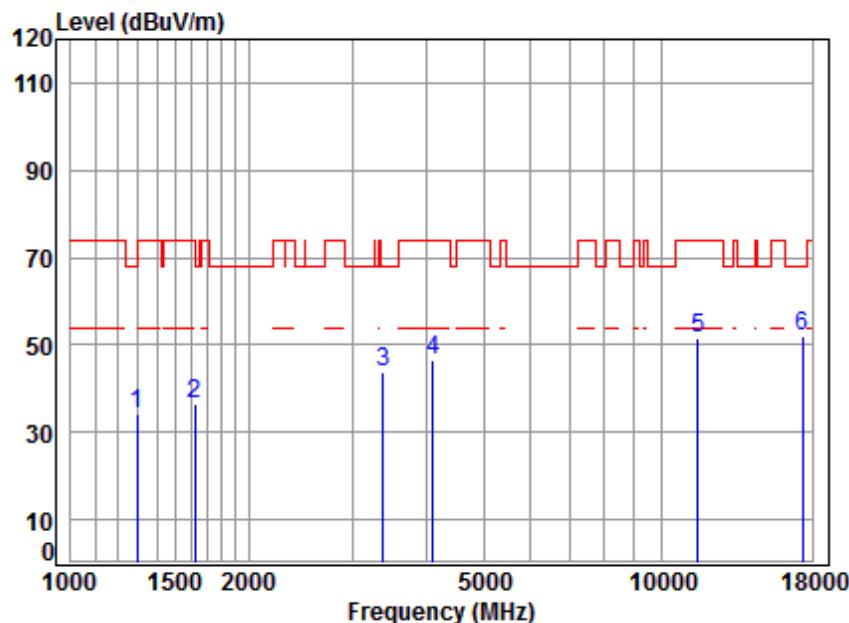
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5775 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1249.269	4.61	24.72	38.07	43.05	34.31	68.20	-33.89 peak
2	1615.754	5.33	26.32	38.03	42.58	36.20	74.00	-37.80 peak
3	3357.061	6.33	31.96	37.94	43.66	44.01	74.00	-29.99 peak
4	4392.376	7.44	33.60	38.21	44.74	47.57	74.00	-26.43 peak
5	11550.000	12.16	38.15	36.07	37.69	51.93	74.00	-22.07 peak
6	17325.000	15.98	43.19	36.13	28.09	51.13	68.20	-17.07 peak

Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5775 TX RSE  
: 5G WIFI 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	1293.359	4.77	24.92	38.06	42.42	34.05	68.20	-34.15 peak
2	1620.431	5.32	26.34	38.03	42.93	36.56	74.00	-37.44 peak
3	3386.297	6.36	32.01	37.94	43.21	43.64	68.20	-24.56 peak
4	4098.010	7.10	33.60	38.05	44.05	46.70	74.00	-27.30 peak
5	11550.000	12.16	38.15	36.07	37.41	51.65	74.00	-22.35 peak
6	17325.000	15.98	43.19	36.13	29.15	52.19	68.20	-16.01 peak

## 7.9 Radiated Emissions which fall in the restricted bands

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

Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02r01 G

Measurement Distance: 3m

Limit:

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

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.

### 7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 54 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case: h:TX mode (Band 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 802.11ac(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.

o:Charge + TX mode (Band 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.

n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

m:Charge + TX mode (Band 2A)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE

802.11a; data rate @ 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.

i:Charge + TX mode (Band 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 802.11ac(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.

k:TX mode (Band 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 802.11ac(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.

j:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(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.

i:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(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.

m:Charge + TX mode (Band 2A)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ 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.

i:Charge + TX mode (Band 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.

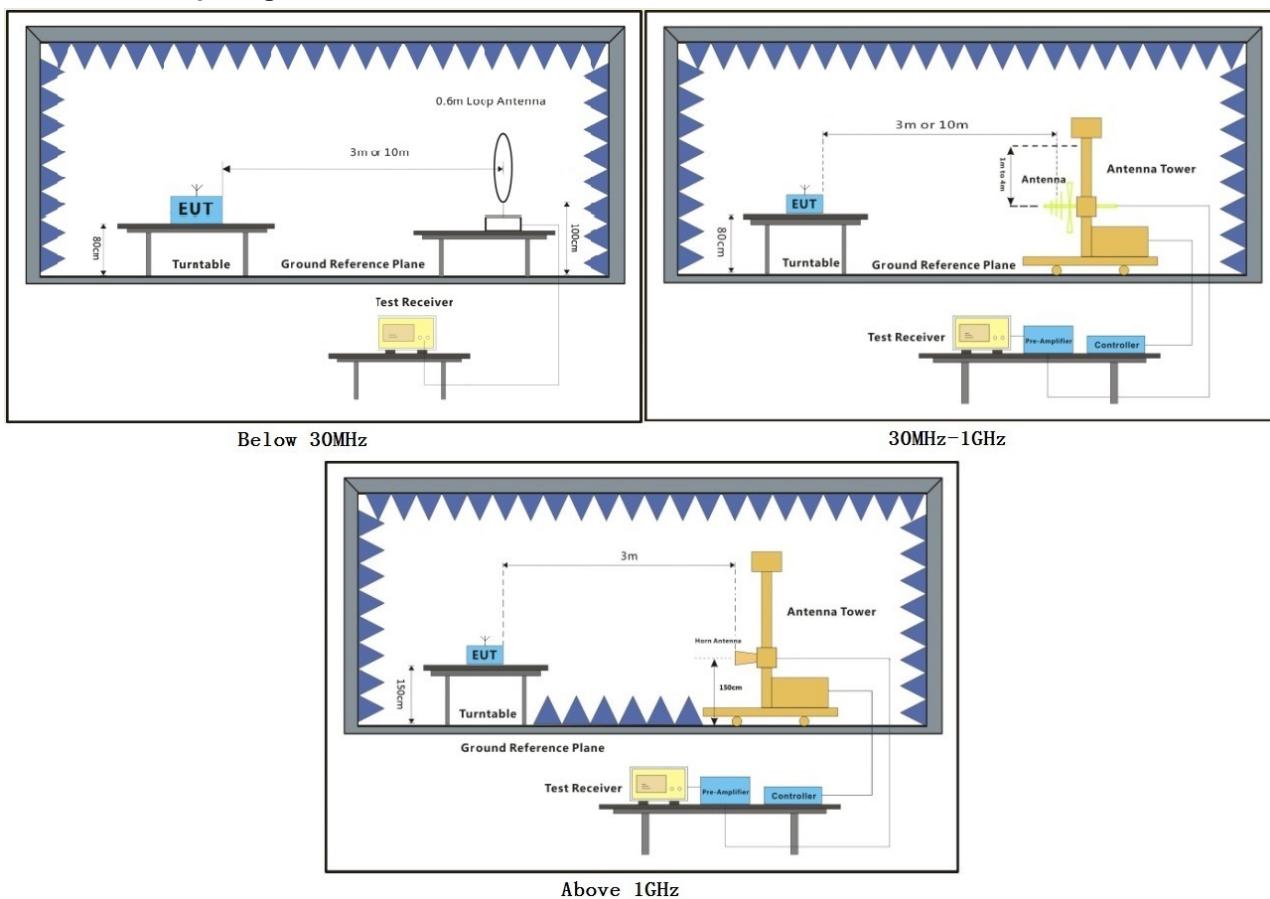
n:Charge + TX mode (Band 2C)\_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation

The worst case  
for final test:

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.

o:Charge + TX mode (Band 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.

### 7.9.2 Test Setup Diagram

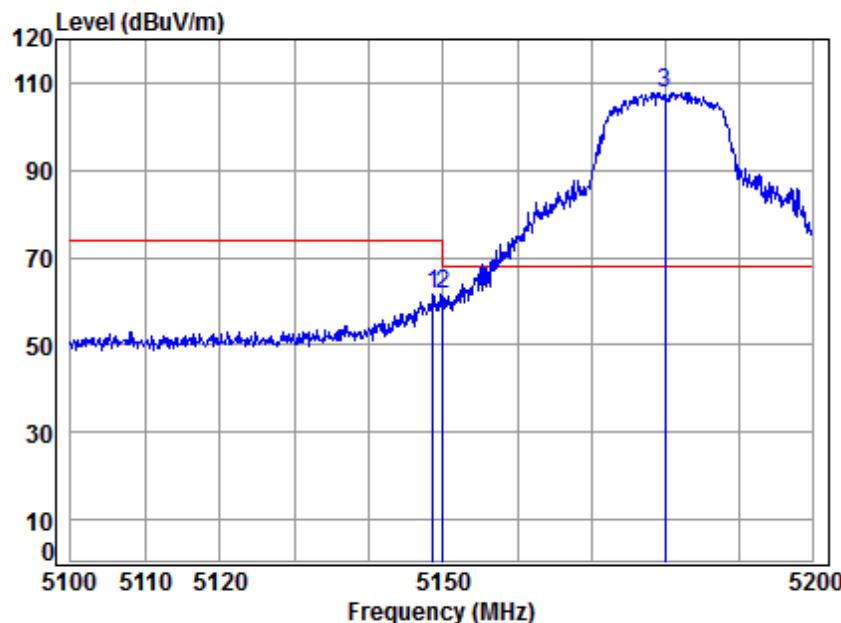


### **7.9.3 Measurement Procedure and Data**

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

Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

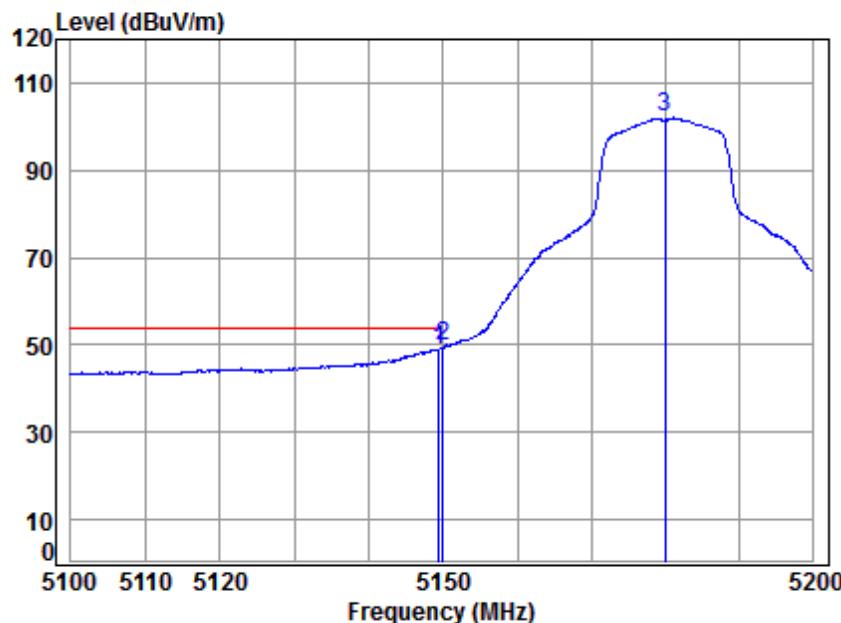
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.657	8.32	34.47	38.47	57.14	61.46	74.00	-12.54	peak
2	5150.000	8.33	34.47	38.47	57.07	61.40	68.20	-6.80	peak
3 *	5180.000	8.37	34.46	38.46	103.52	107.89	68.20	39.69	peak

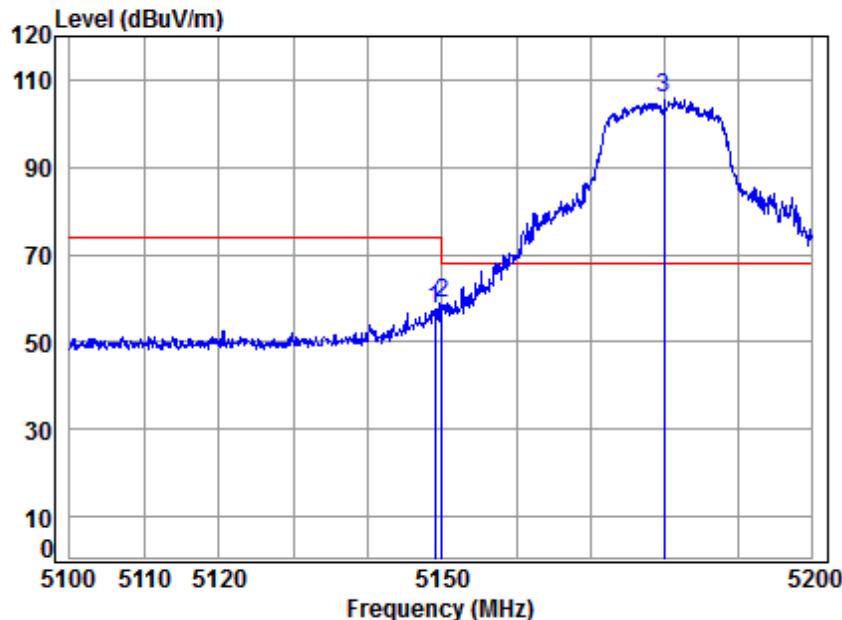
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.357	8.32	34.47	38.47	44.60	48.92	54.00	-5.08	Average
2	5150.000	8.33	34.47	38.47	45.37	49.70	54.00	-4.30	Average
3	5180.000	8.37	34.46	38.46	97.61	101.98	-----	-----	Average

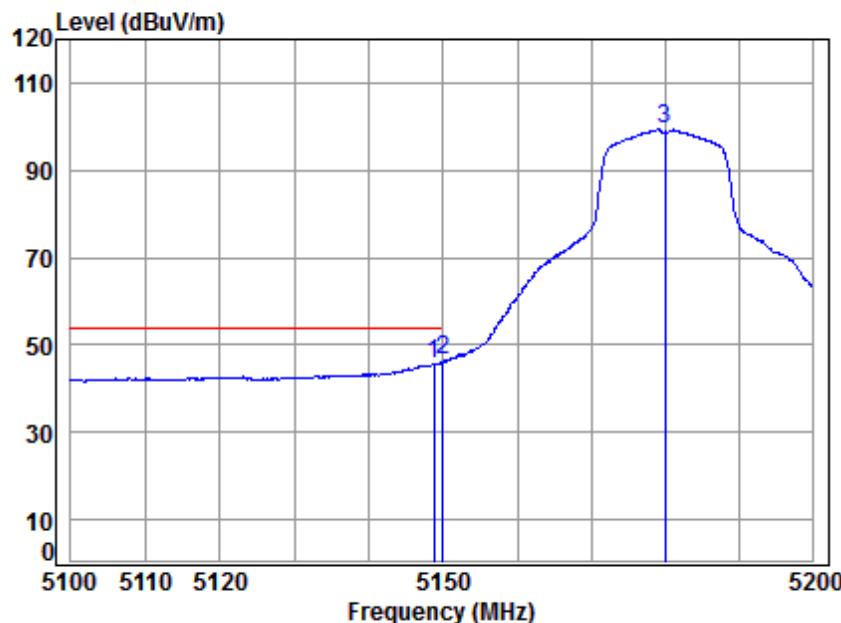
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.057	8.32	34.47	38.47	53.01	57.33	74.00	-16.67	Peak
2	5150.000	8.33	34.47	38.47	54.56	58.89	68.20	-9.31	Peak
3 *	5180.000	8.37	34.46	38.46	101.28	105.65	68.20	37.45	Peak

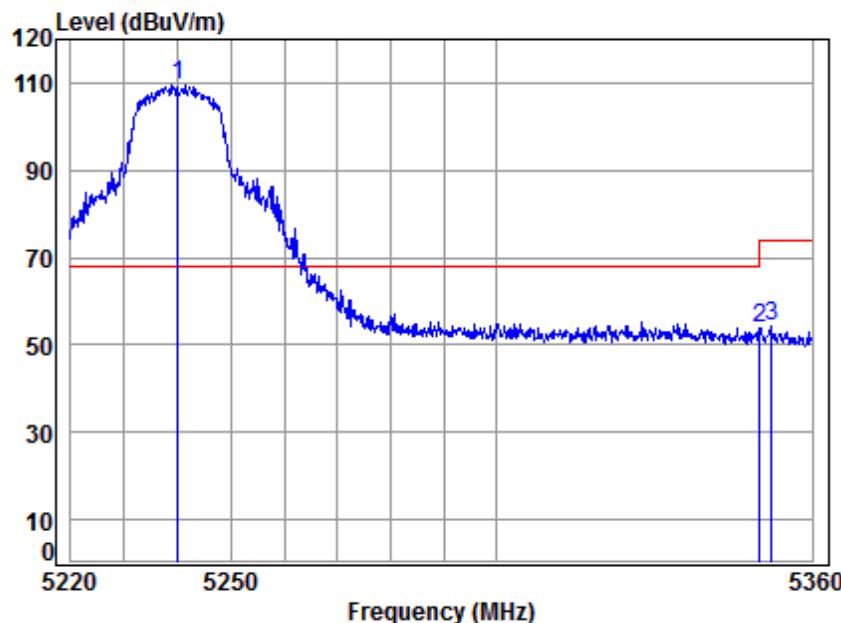
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.757	8.32	34.47	38.47	41.49	45.81	54.00	-8.19	Average
2	5150.000	8.33	34.47	38.47	41.98	46.31	54.00	-7.69	Average
3	5180.000	8.37	34.46	38.46	94.91	99.28	-----	-----	Average

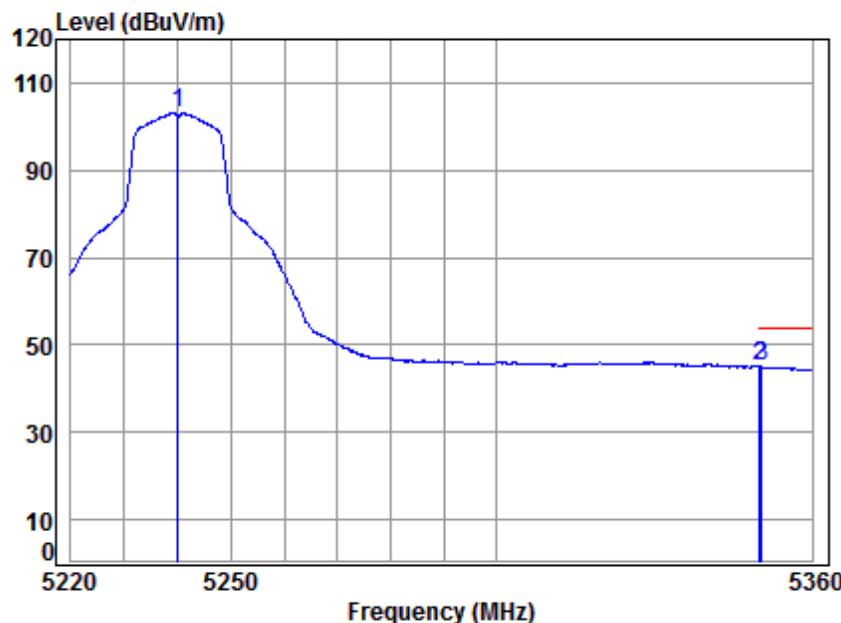
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 *	5240.000	8.46	34.45	38.45	104.88	109.34	68.20	41.14 peak
2	5350.000	8.63	34.43	38.43	49.07	53.70	68.20	-14.50 peak
3	5352.203	8.63	34.43	38.43	49.45	54.08	74.00	-19.92 peak

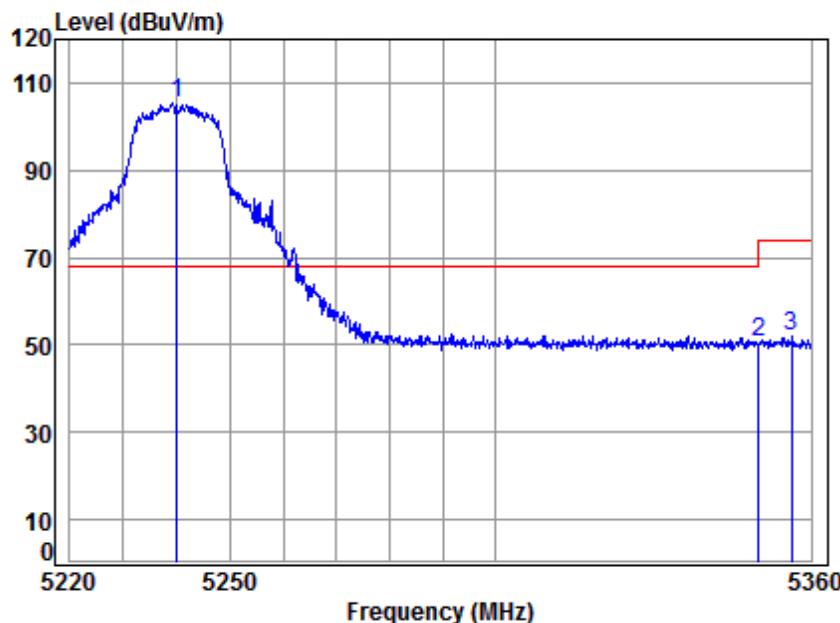
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	98.68	103.14	-----	-----	Average
2	5350.000	8.63	34.43	38.43	40.50	45.13	54.00	-8.87	Average
3	5350.362	8.63	34.43	38.43	40.33	44.96	54.00	-9.04	Average

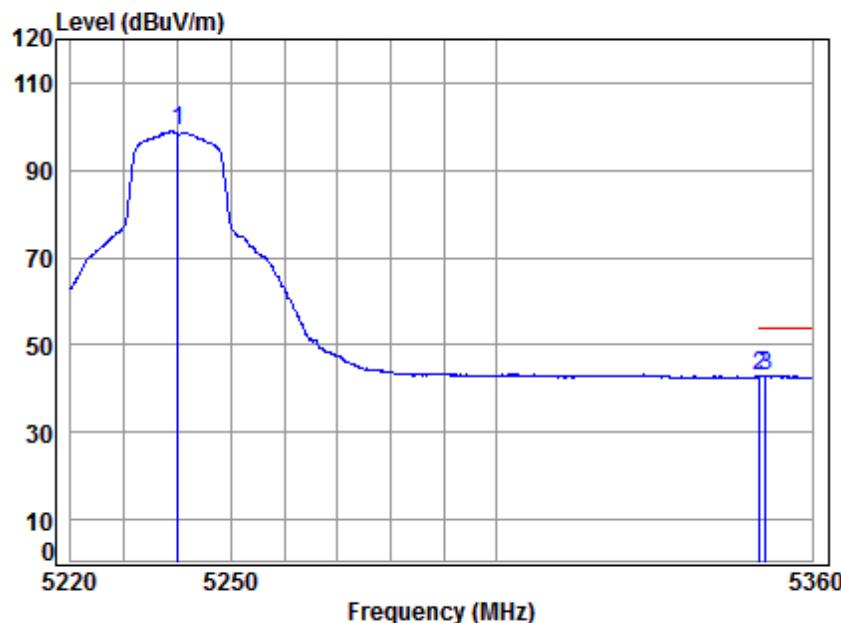
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 *	5240.000	8.46	34.45	38.45	100.75	105.21	68.20	37.01 Peak
2	5350.000	8.63	34.43	38.43	46.23	50.86	68.20	-17.34 Peak
3	5356.313	8.64	34.43	38.42	47.32	51.97	74.00	-22.03 Peak

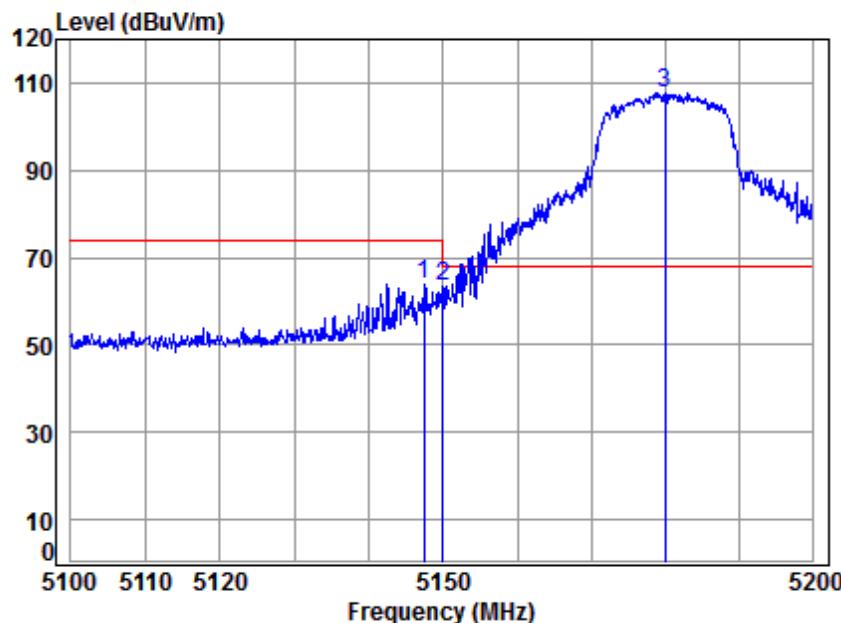
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	94.47	98.93	-----	-----	Average
2	5350.000	8.63	34.43	38.43	38.15	42.78	54.00	-11.22	Average
3	5351.212	8.63	34.43	38.43	38.28	42.91	54.00	-11.09	Average

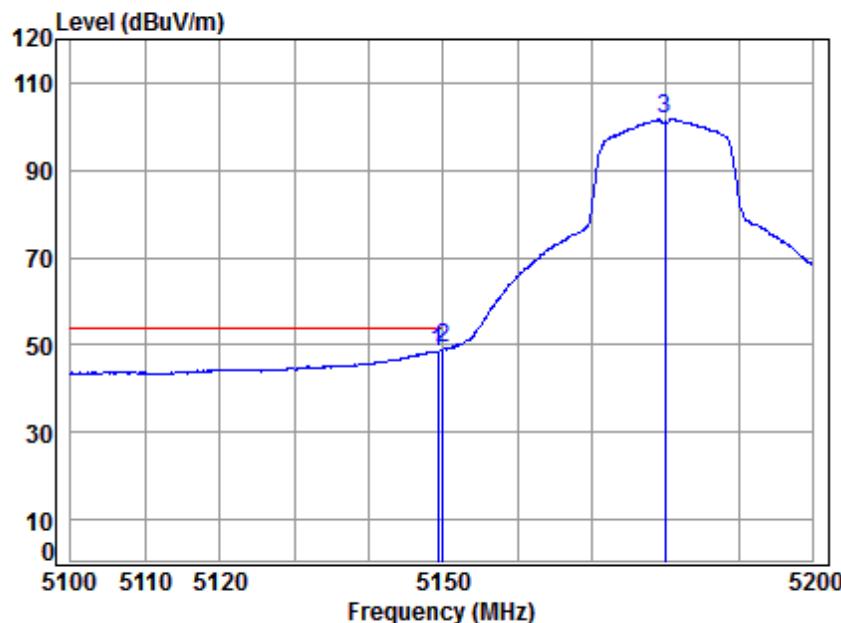
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.358	8.32	34.47	38.47	59.57	63.89	74.00	-10.11	peak
2	5150.000	8.33	34.47	38.47	59.15	63.48	68.20	-4.72	peak
3 *	5180.000	8.37	34.46	38.46	103.36	107.73	68.20	39.53	peak

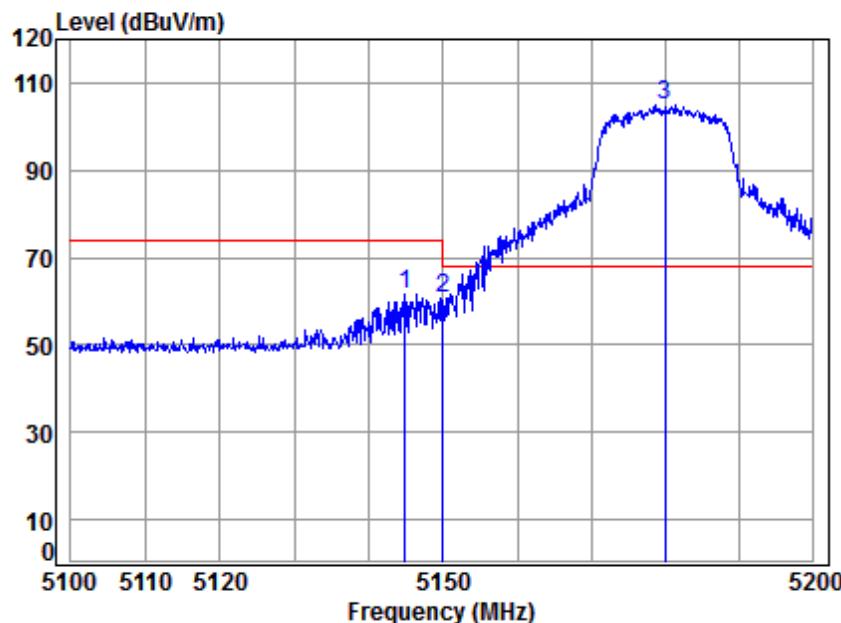
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.257	8.32	34.47	38.47	44.27	48.59	54.00	-5.41	Average
2	5150.000	8.33	34.47	38.47	44.82	49.15	54.00	-4.85	Average
3	5180.000	8.37	34.46	38.46	97.24	101.61	-----	-----	Average

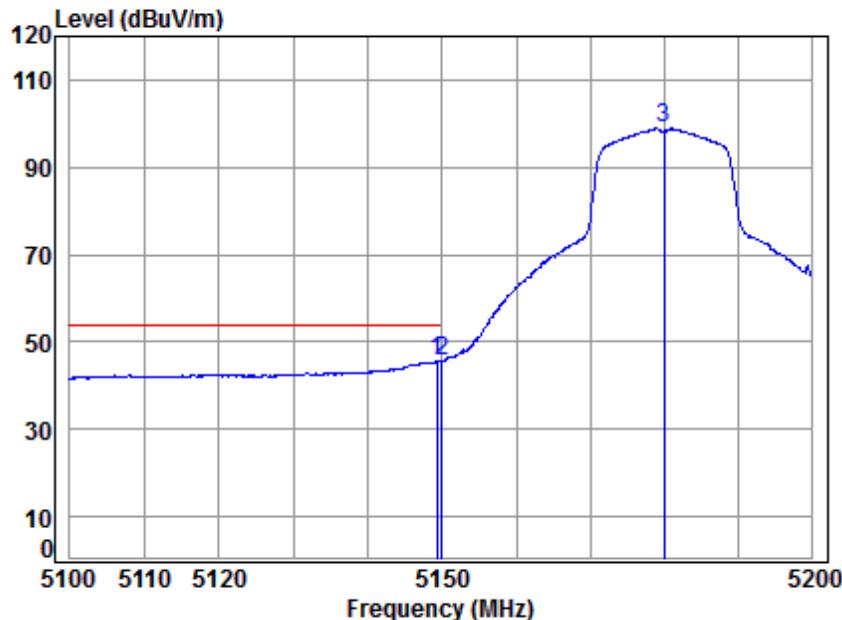
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.860	8.32	34.47	38.47	57.13	61.45	74.00	-12.55	Peak
2	5150.000	8.33	34.47	38.47	56.16	60.49	68.20	-7.71	Peak
3 *	5180.000	8.37	34.46	38.46	100.55	104.92	68.20	36.72	Peak

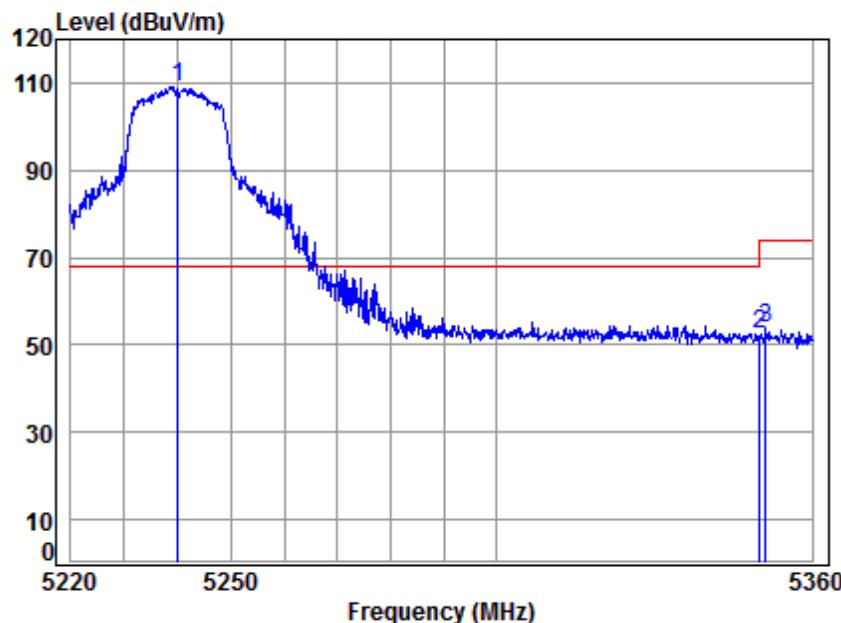
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.257	8.32	34.47	38.47	41.29	45.61	54.00	-8.39	Average
2	5150.000	8.33	34.47	38.47	41.52	45.85	54.00	-8.15	Average
3	5180.000	8.37	34.46	38.46	94.50	98.87	-----	-----	Average

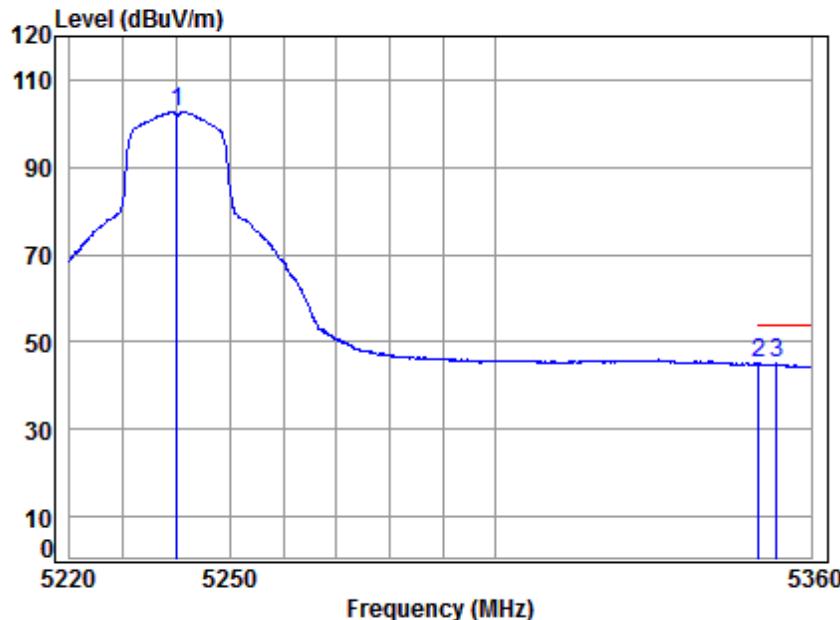
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level	Level	Line	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5240.000	8.46	34.45	38.45	104.51	108.97	68.20	40.77 peak
2 5350.000	8.63	34.43	38.43	47.89	52.52	68.20	-15.68 peak
3 5351.212	8.63	34.43	38.43	49.33	53.96	74.00	-20.04 peak

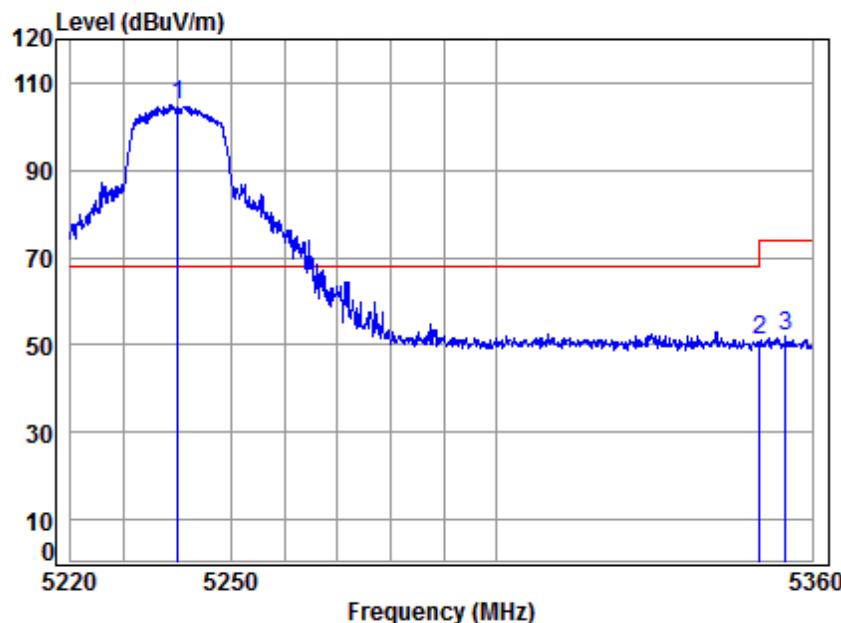
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	98.38	102.84	-----	-----	Average
2	5350.000	8.63	34.43	38.43	40.39	45.02	54.00	-8.98	Average
3	5353.337	8.63	34.43	38.43	40.32	44.95	54.00	-9.05	Average

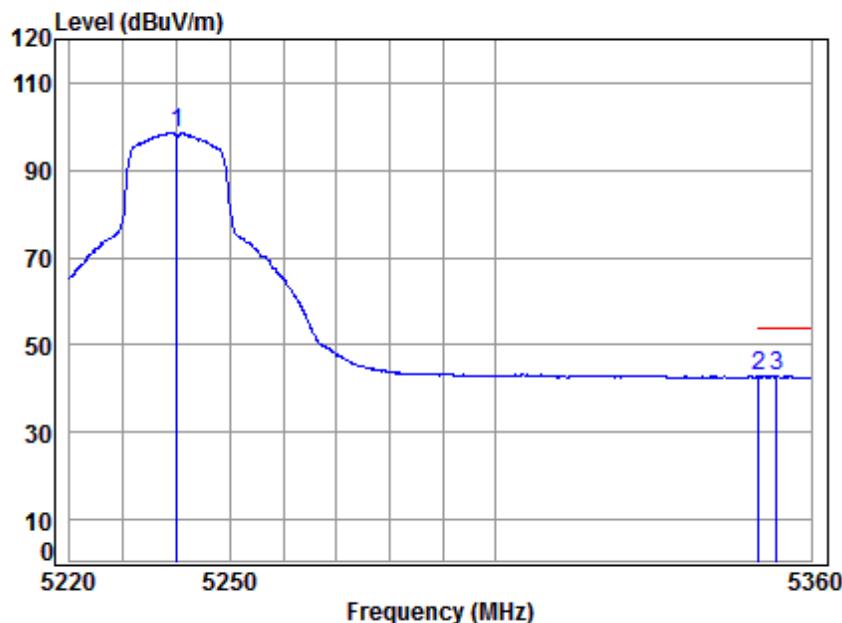
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5240.000	8.46	34.45	38.45	100.41	104.87	68.20	36.67 Peak
2	5350.000	8.63	34.43	38.43	46.32	50.95	68.20	-17.25 Peak
3	5354.896	8.64	34.43	38.42	47.45	52.10	74.00	-21.90 Peak

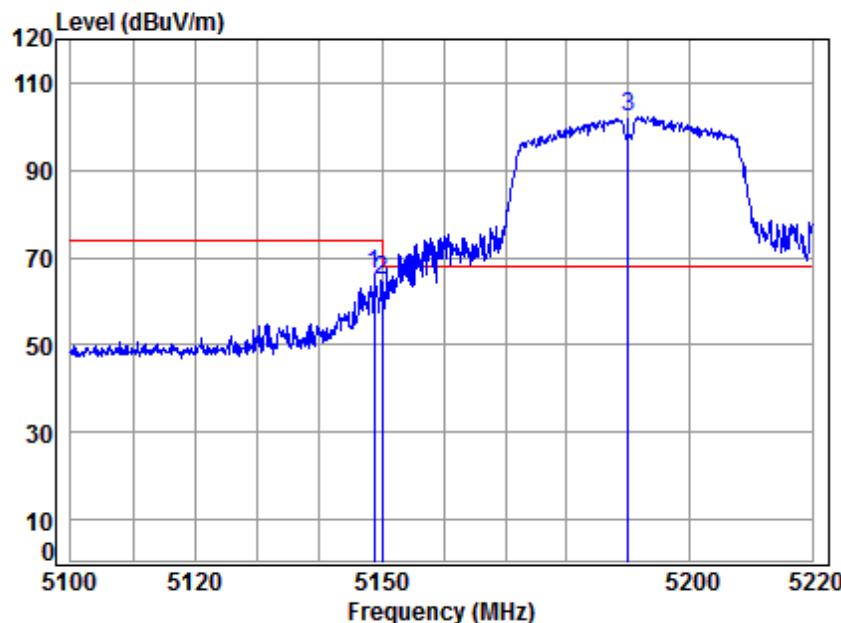
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	94.23	98.69	-----	-----	Average
2	5350.000	8.63	34.43	38.43	38.13	42.76	54.00	-11.24	Average
3	5353.337	8.63	34.43	38.43	38.27	42.90	54.00	-11.10	Average

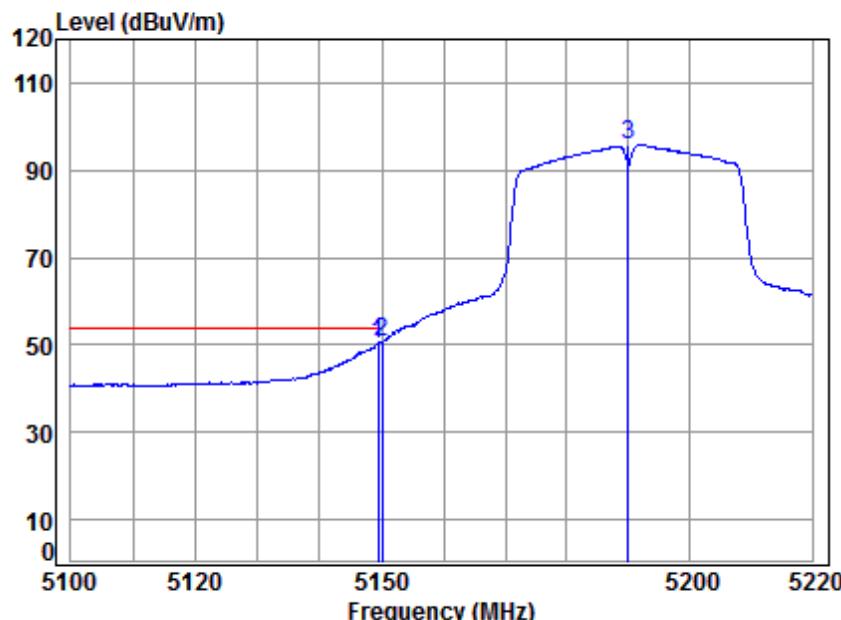
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.743	8.32	34.47	38.47	61.64	65.96	74.00	-8.04	peak
2	5150.000	8.33	34.47	38.47	60.28	64.61	68.20	-3.59	peak
3 *	5190.000	8.39	34.46	38.46	97.97	102.36	68.20	34.16	peak

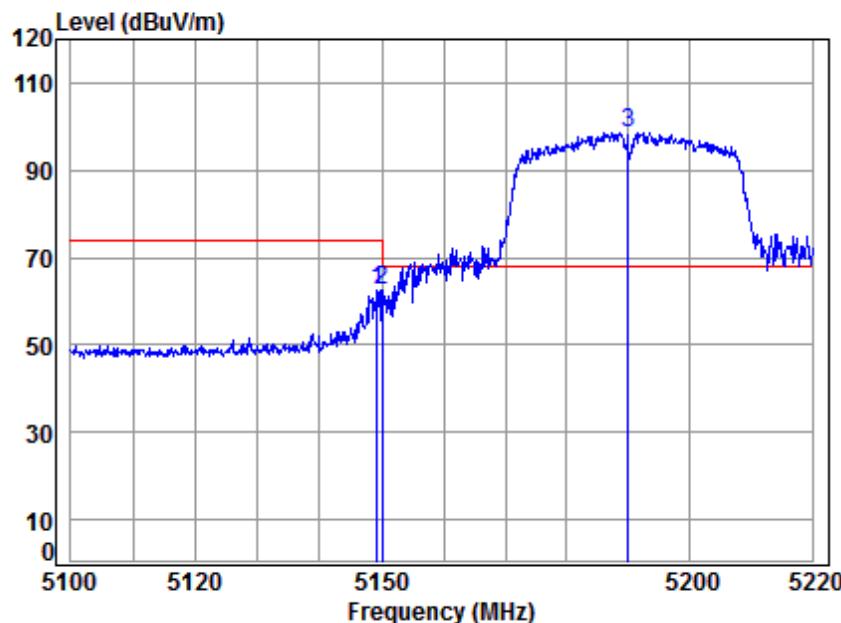
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	8.32	34.47	38.47	46.01	50.33	54.00	-3.67	Average
2	5150.000	8.33	34.47	38.47	46.53	50.86	54.00	-3.14	Average
3	5190.000	8.39	34.46	38.46	91.36	95.75	-----	-----	Average

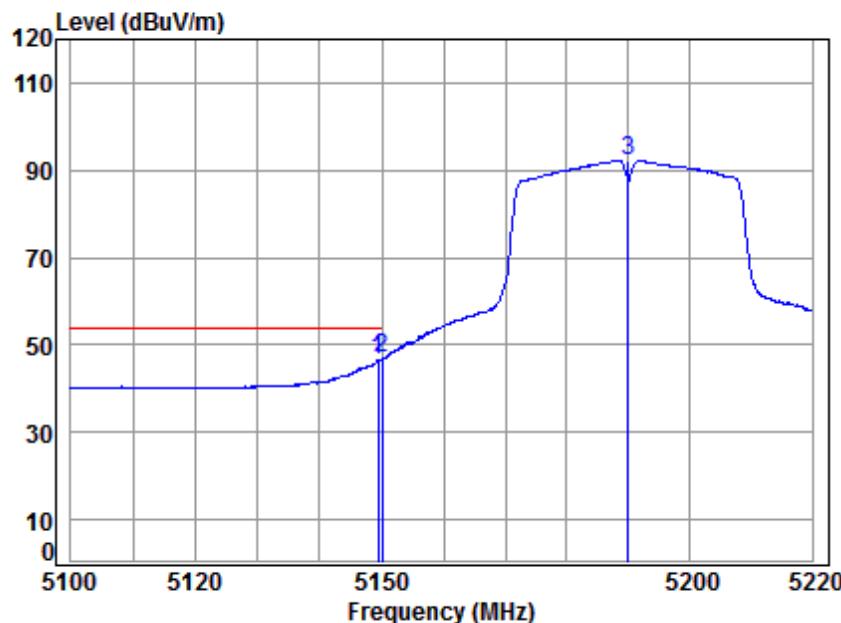
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.342	8.32	34.47	38.47	58.21	62.53	74.00	-11.47	Peak
2	5150.000	8.33	34.47	38.47	58.06	62.39	68.20	-5.81	Peak
3 *	5190.000	8.39	34.46	38.46	94.26	98.65	68.20	30.45	Peak

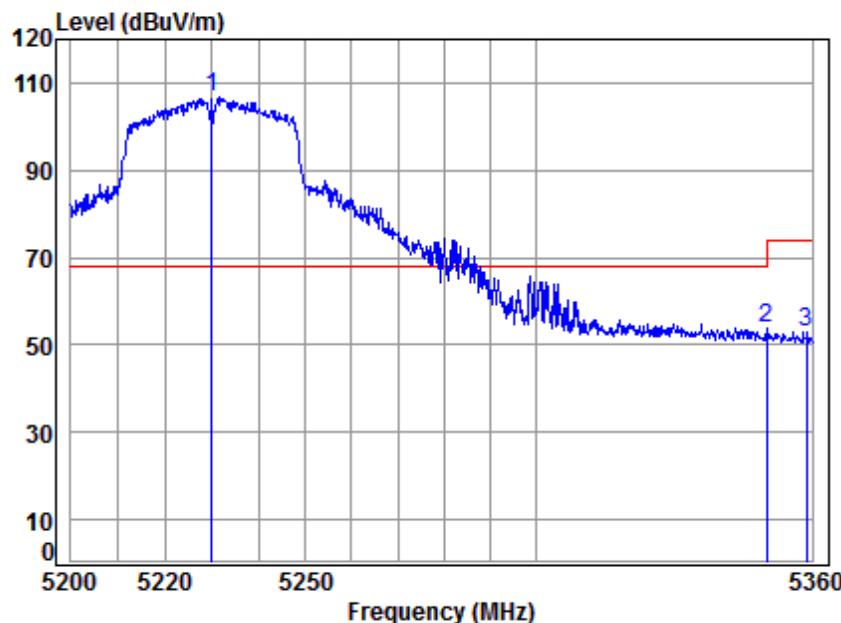
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	8.32	34.47	38.47	42.26	46.58	54.00	-7.42	Average
2	5150.000	8.33	34.47	38.47	42.56	46.89	54.00	-7.11	Average
3	5190.000	8.39	34.46	38.46	87.78	92.17	-----	-----	Average

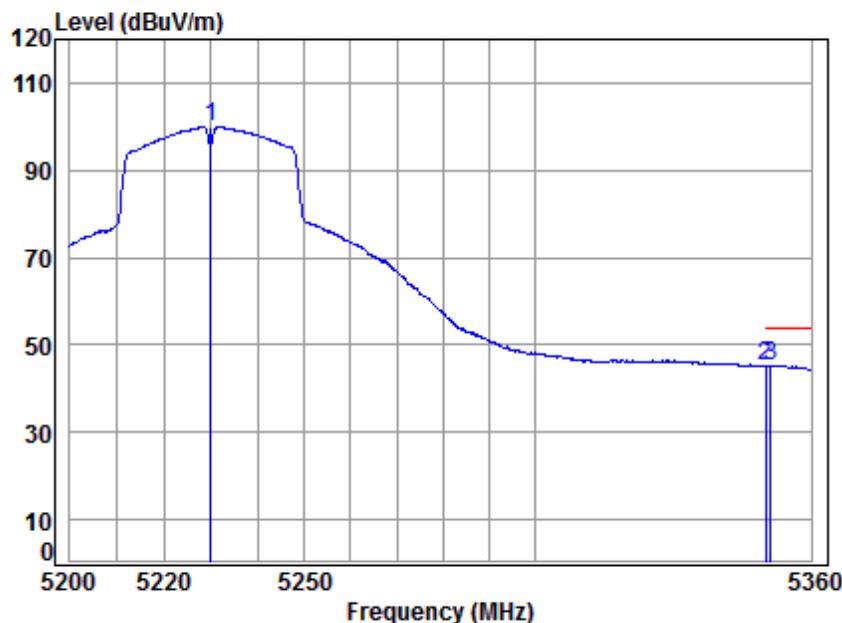
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5230.000	8.45	34.45	38.45	102.09	106.54	68.20	38.34 peak
2	5350.000	8.63	34.43	38.43	49.16	53.79	68.20	-14.41 peak
3	5358.863	8.64	34.43	38.42	48.51	53.16	74.00	-20.84 peak

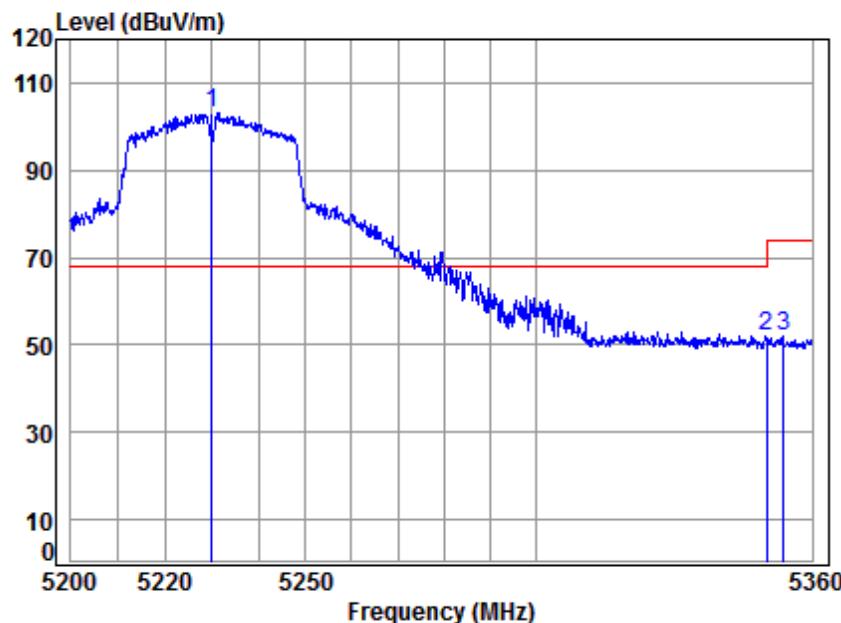
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.45	38.45	95.39	99.84	-----	-----	Average
2	5350.000	8.63	34.43	38.43	40.61	45.24	54.00	-8.76	Average
3	5351.235	8.63	34.43	38.43	40.68	45.31	54.00	-8.69	Average

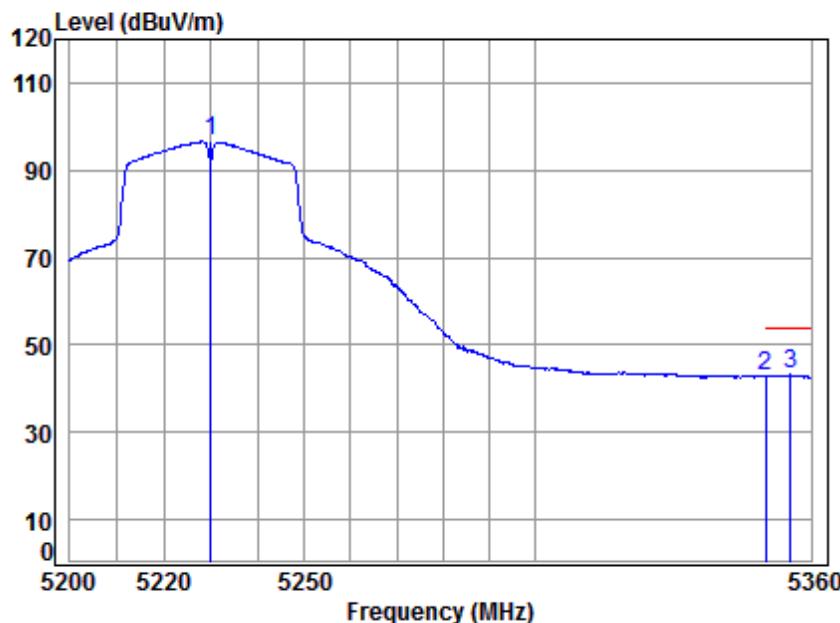
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5230.000	8.45	34.45	38.45	98.82	103.27	68.20	35.07 Peak
2	5350.000	8.63	34.43	38.43	47.45	52.08	68.20	-16.12 Peak
3	5353.669	8.63	34.43	38.43	47.48	52.11	74.00	-21.89 Peak

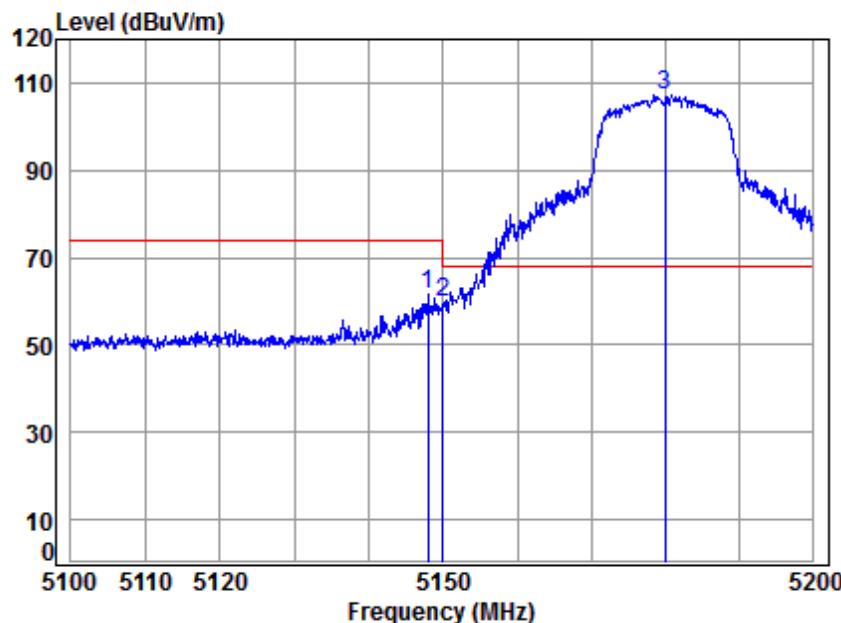
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.45	38.45	92.17	96.62	-----	-----	Average
2	5350.000	8.63	34.43	38.43	38.30	42.93	54.00	-11.07	Average
3	5355.454	8.64	34.43	38.42	38.54	43.19	54.00	-10.81	Average

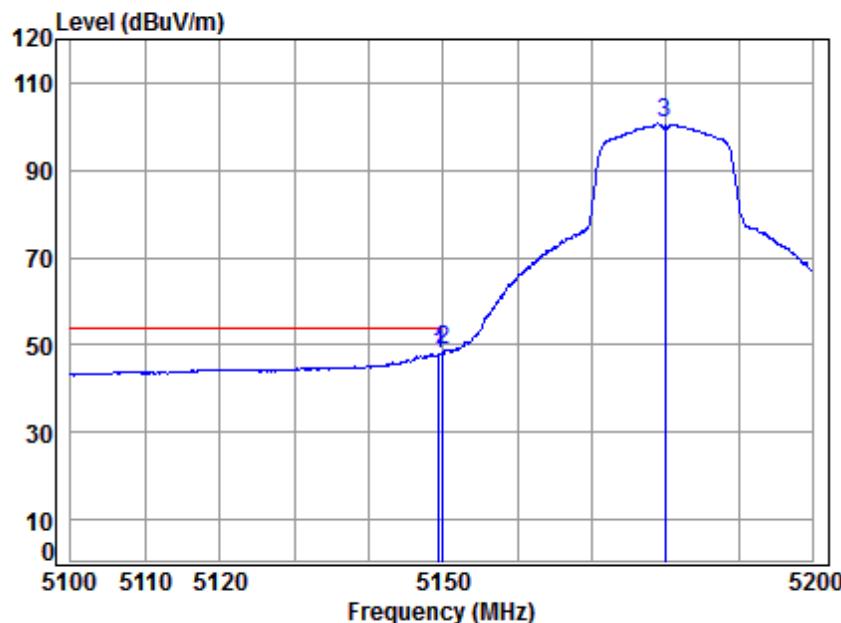
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.958	8.32	34.47	38.47	57.10	61.42	74.00	-12.58	peak
2	5150.000	8.33	34.47	38.47	55.26	59.59	68.20	-8.61	peak
3 *	5180.000	8.37	34.46	38.46	102.97	107.34	68.20	39.14	peak

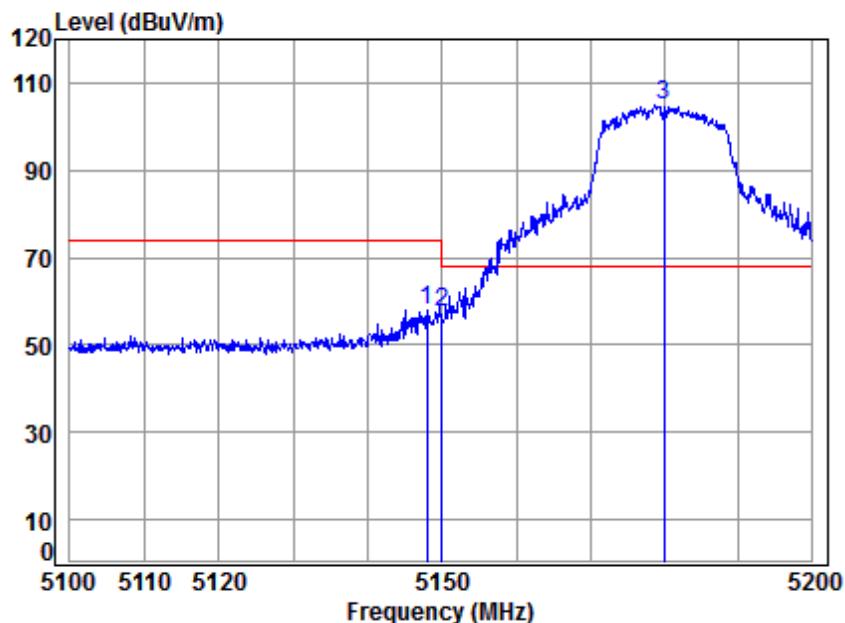
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.357	8.32	34.47	38.47	43.74	48.06	54.00	-5.94	Average
2	5150.000	8.33	34.47	38.47	44.44	48.77	54.00	-5.23	Average
3	5180.000	8.37	34.46	38.46	96.25	100.62	-----	-----	Average

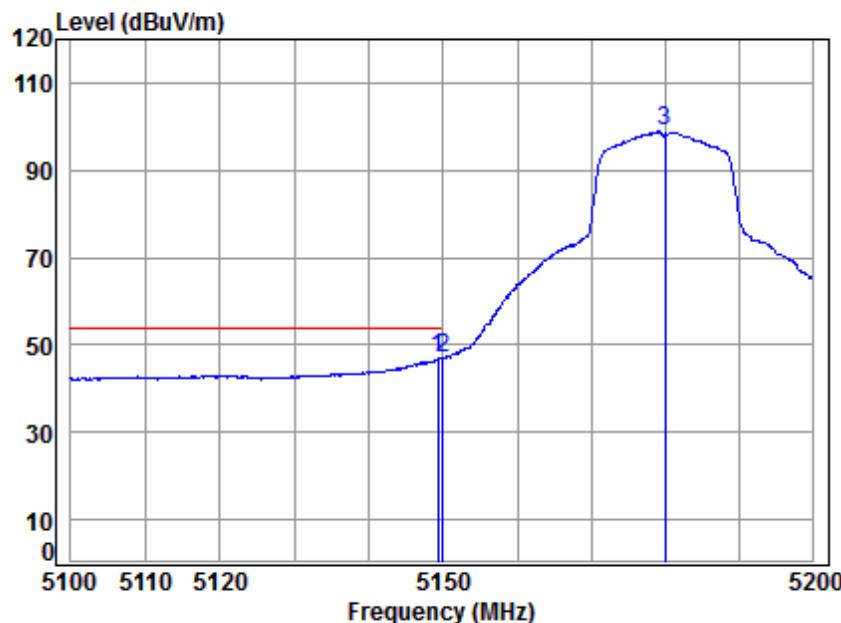
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.958	8.32	34.47	38.47	53.65	57.97	74.00	-16.03	Peak
2	5150.000	8.33	34.47	38.47	53.19	57.52	68.20	-10.68	Peak
3 *	5180.000	8.37	34.46	38.46	100.40	104.77	68.20	36.57	Peak

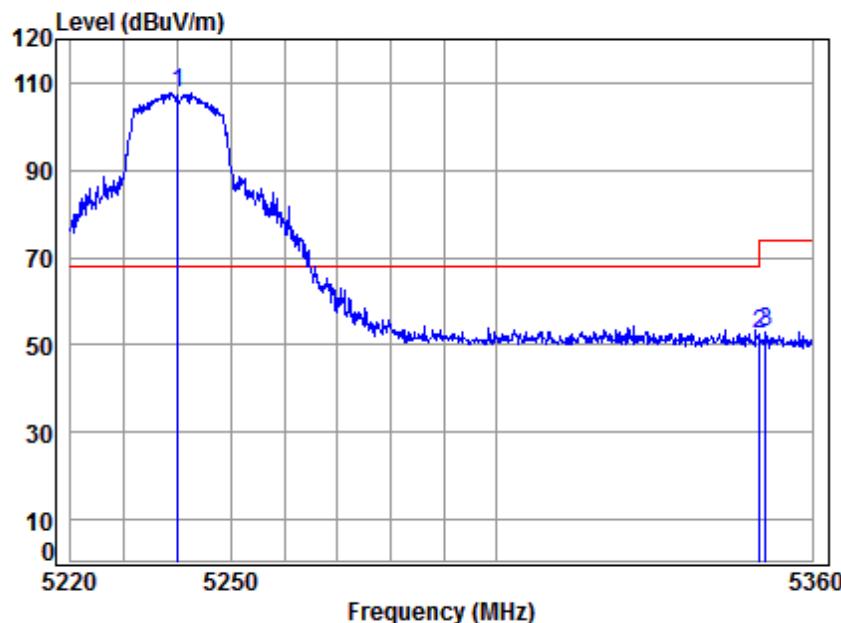
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5180 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.257	8.32	34.47	38.47	42.75	47.07	54.00	-6.93	Average
2	5150.000	8.33	34.47	38.47	42.74	47.07	54.00	-6.93	Average
3	5180.000	8.37	34.46	38.46	94.42	98.79	-----	-----	Average

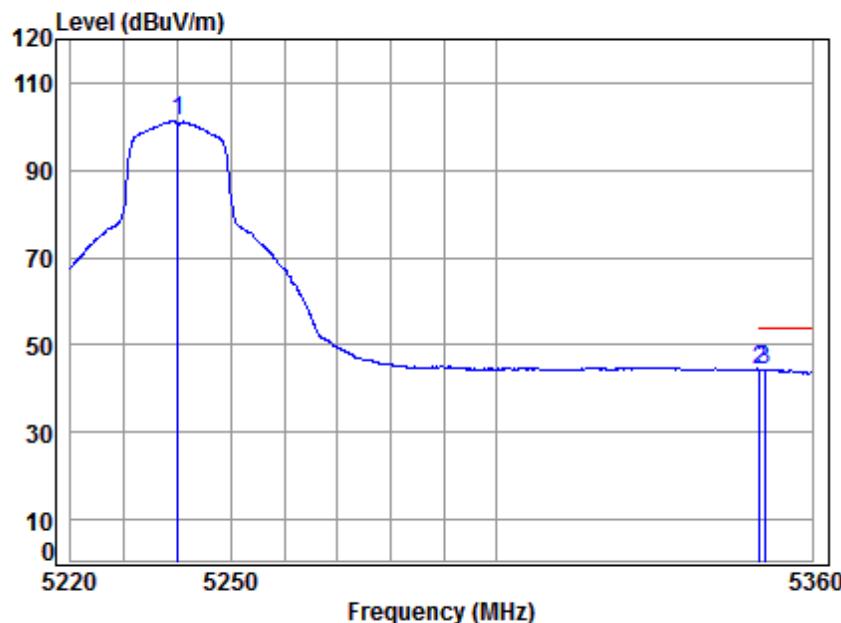
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5240.000	8.46	34.45	38.45	103.38	107.84	68.20	39.64 peak
2	5350.000	8.63	34.43	38.43	48.02	52.65	68.20	-15.55 peak
3	5351.212	8.63	34.43	38.43	48.47	53.10	74.00	-20.90 peak

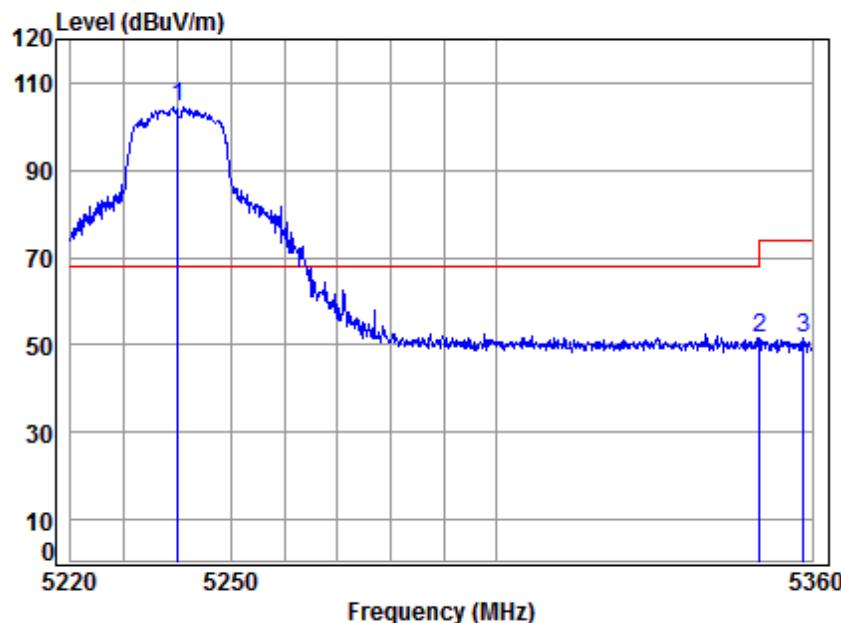
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	96.77	101.23	-----	-----	Average
2	5350.000	8.63	34.43	38.43	39.80	44.43	54.00	-9.57	Average
3	5350.929	8.63	34.43	38.43	39.66	44.29	54.00	-9.71	Average

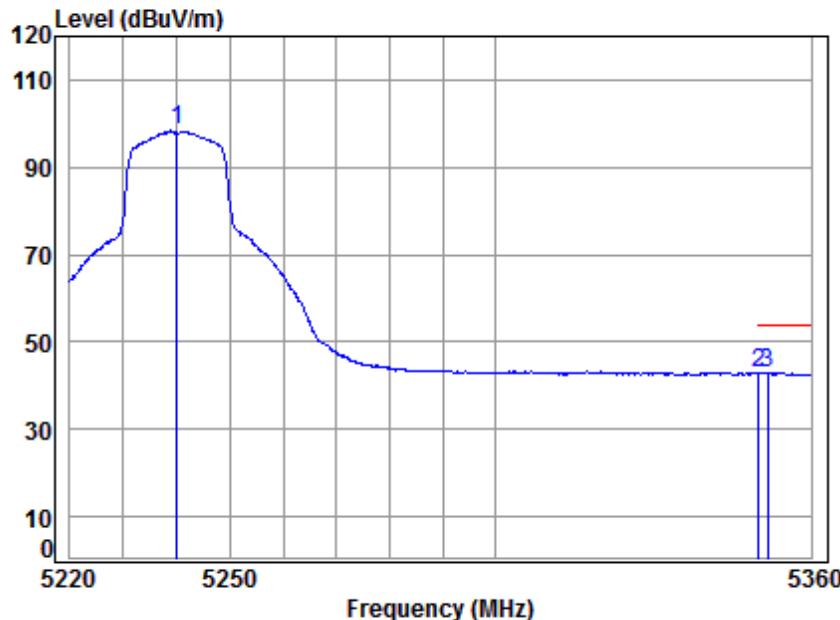
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5240.000	8.46	34.45	38.45	100.10	104.56	68.20	36.36 Peak
2	5350.000	8.63	34.43	38.43	46.90	51.53	68.20	-16.67 Peak
3	5358.440	8.64	34.43	38.42	46.94	51.59	74.00	-22.41 Peak

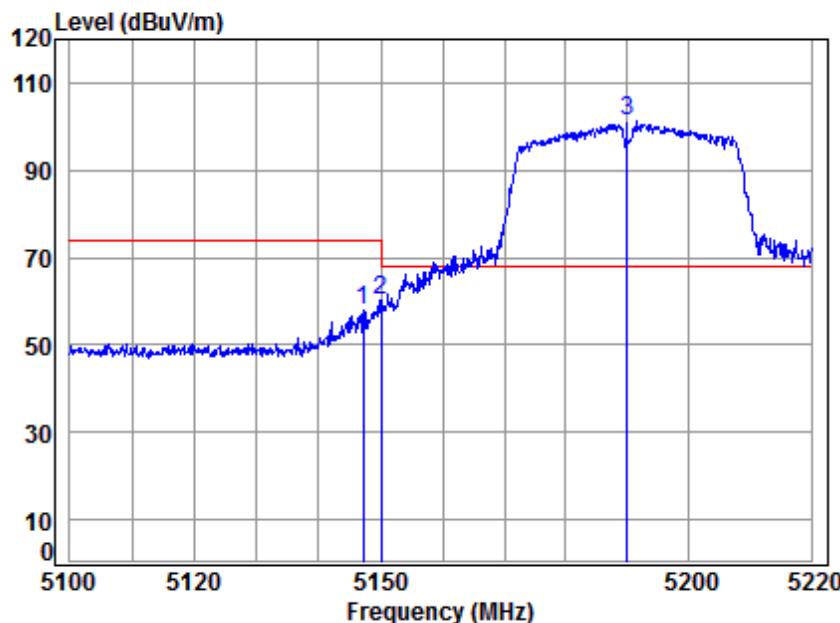
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5240 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.45	38.45	93.89	98.35	-----	-----	Average
2	5350.000	8.63	34.43	38.43	38.11	42.74	54.00	-11.26	Average
3	5351.778	8.63	34.43	38.43	38.41	43.04	54.00	-10.96	Average

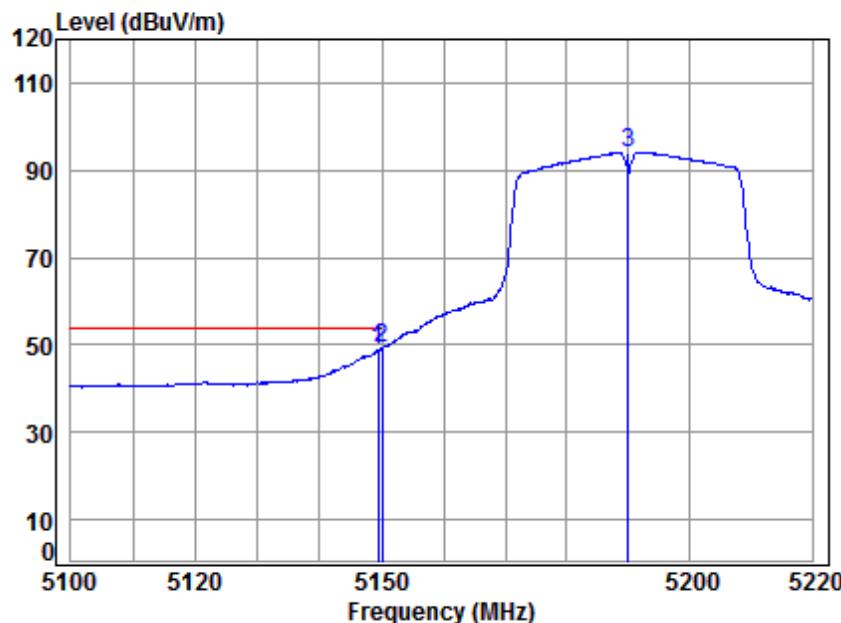
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11AC40

	Cable Freq	Loss dB	Ant Factor	Preamp Factor	Read Level dB	Limit Level dBuV	Line dBuV/m	Over Limit dBuV/m	Over Limit dB	Remark
1	5147.187	8.32	34.47	38.47	53.71	58.03	74.00	-15.97	peak	
2	5150.000	8.33	34.47	38.47	56.05	60.38	68.20	-7.82	peak	
3 *	5190.000	8.39	34.46	38.46	96.69	101.08	68.20	32.88	peak	

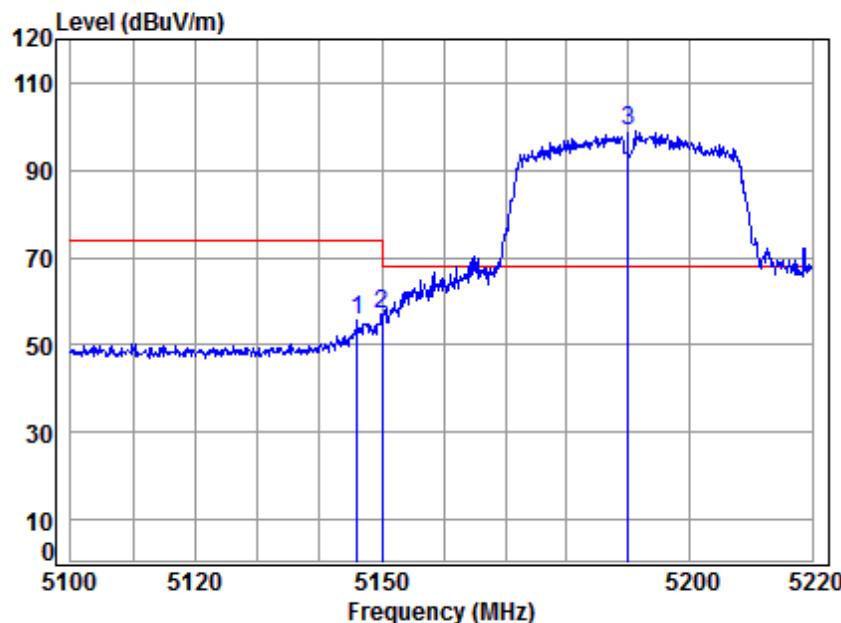
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	8.32	34.47	38.47	44.43	48.75	54.00	-5.25	Average
2	5150.000	8.33	34.47	38.47	45.03	49.36	54.00	-4.64	Average
3	5190.000	8.39	34.46	38.46	89.80	94.19	-----	-----	Average

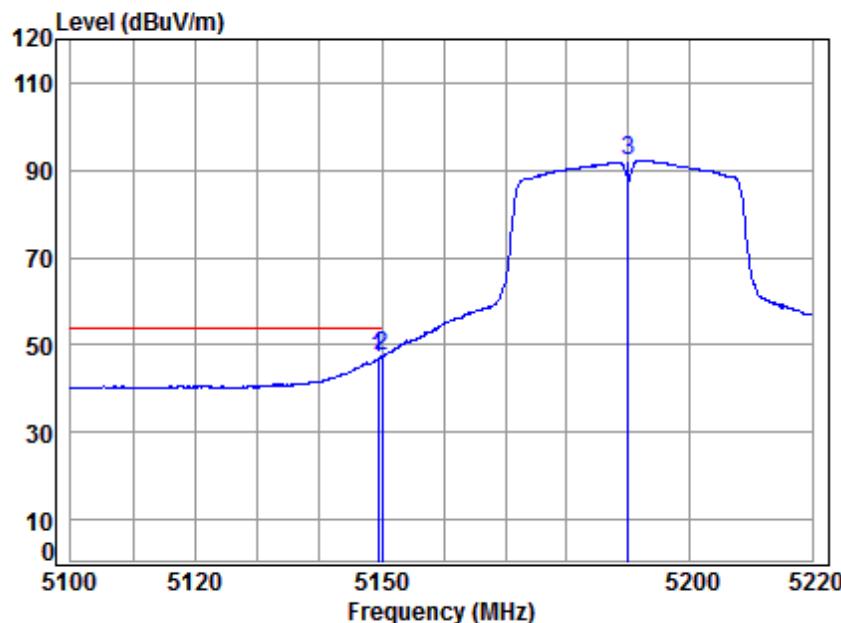
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.109	8.32	34.47	38.47	51.25	55.57	74.00	-18.43	Peak
2	5150.000	8.33	34.47	38.47	52.58	56.91	68.20	-11.29	Peak
3 *	5190.000	8.39	34.46	38.46	94.50	98.89	68.20	30.69	Peak

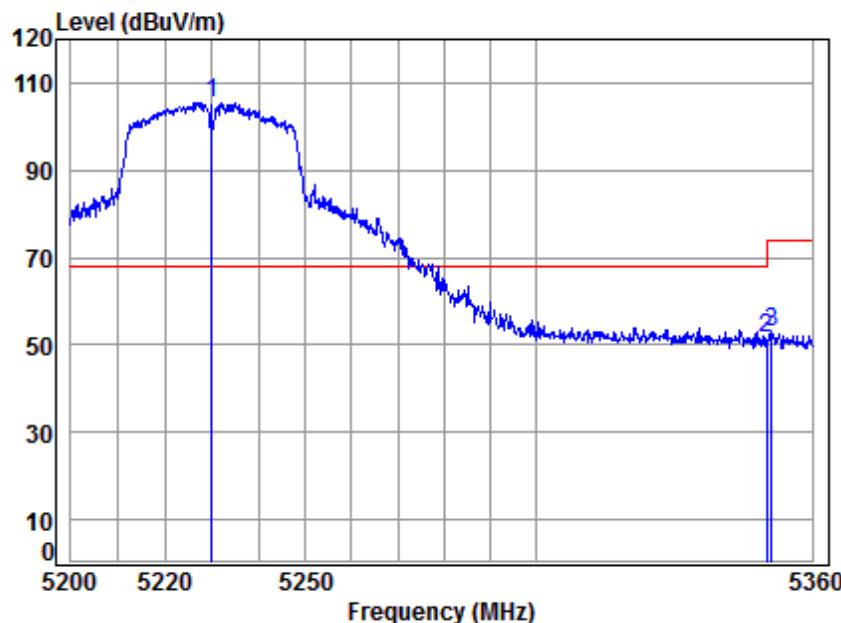
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5190 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	8.32	34.47	38.47	42.58	46.90	54.00	-7.10	Average
2	5150.000	8.33	34.47	38.47	43.21	47.54	54.00	-6.46	Average
3	5190.000	8.39	34.46	38.46	87.92	92.31	-----	-----	Average

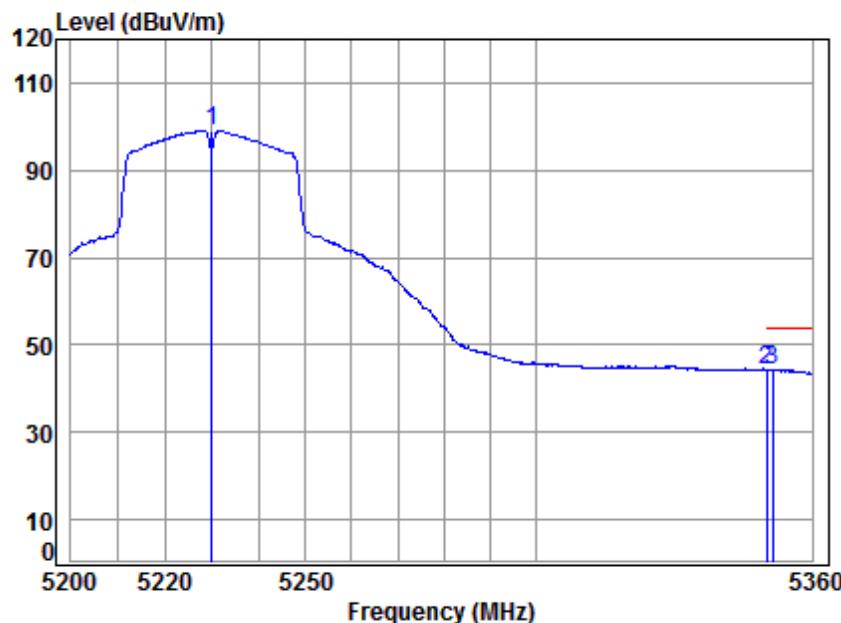
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1 *	5230.000	8.45	34.45	38.45	101.02	105.47	68.20	37.27	peak
2	5350.000	8.63	34.43	38.43	46.96	51.59	68.20	-16.61	peak
3	5351.235	8.63	34.43	38.43	48.28	52.91	74.00	-21.09	peak

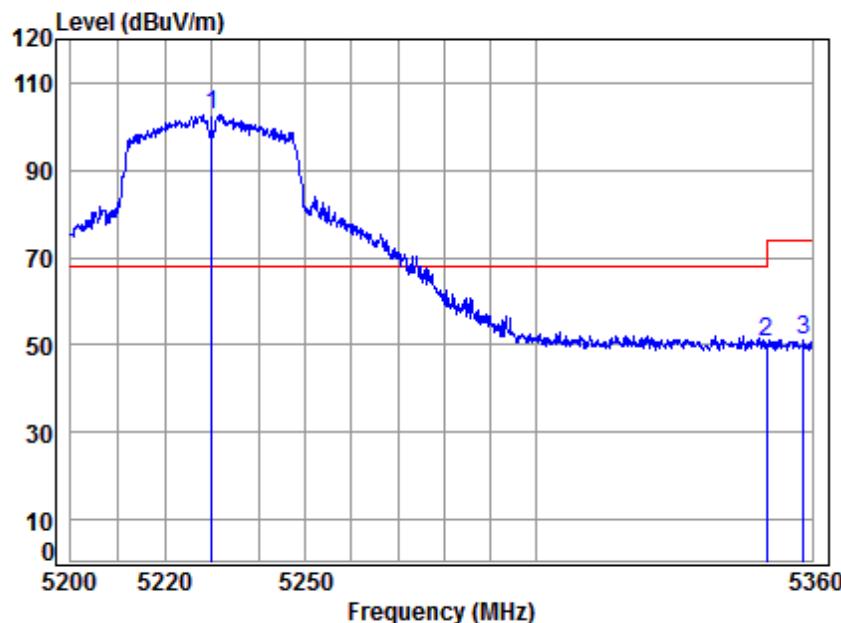
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.45	38.45	94.62	99.07	-----	-----	Average
2	5350.000	8.63	34.43	38.43	39.60	44.23	54.00	-9.77	Average
3	5351.398	8.63	34.43	38.43	39.75	44.38	54.00	-9.62	Average

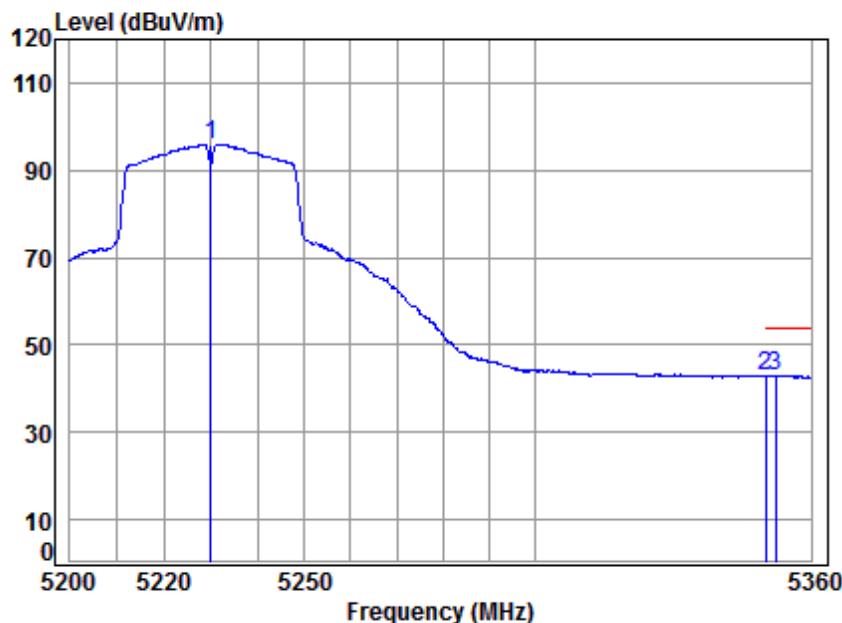
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level	Level	Line	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5230.000	8.45	34.45	38.45	98.19	102.64	68.20	34.44 Peak
2 5350.000	8.63	34.43	38.43	45.86	50.49	68.20	-17.71 Peak
3 5358.051	8.64	34.43	38.42	46.60	51.25	74.00	-22.75 Peak

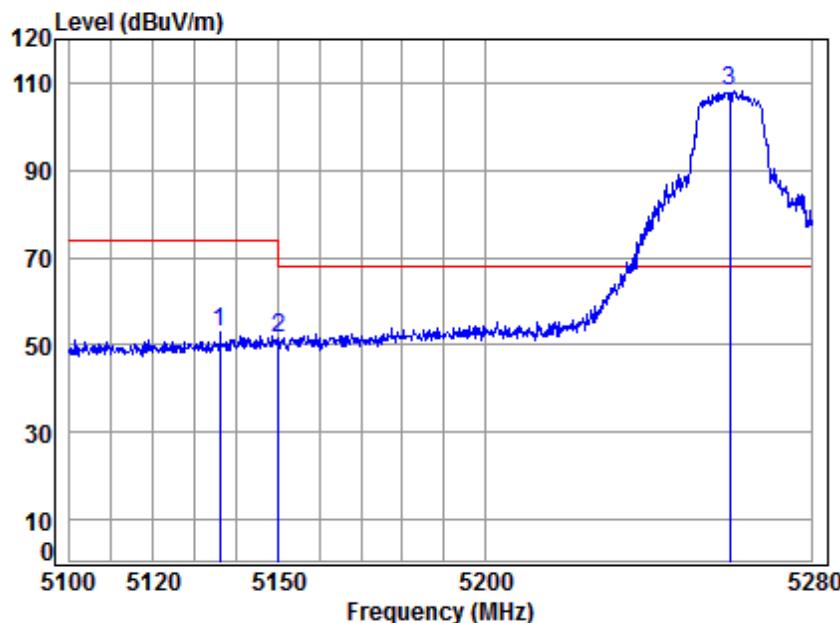
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5230 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.45	38.45	91.50	95.95	-----	-----	Average
2	5350.000	8.63	34.43	38.43	38.35	42.98	54.00	-11.02	Average
3	5352.208	8.63	34.43	38.43	38.43	43.06	54.00	-10.94	Average

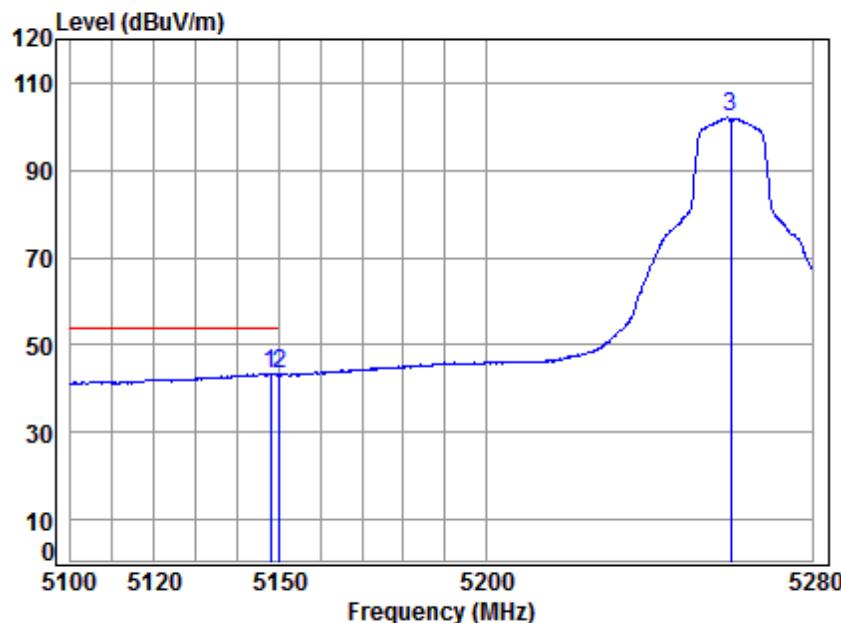
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5136.037	8.30	34.47	38.47	48.55	52.85	74.00	-21.15	peak
2	5150.000	8.33	34.47	38.47	47.17	51.50	68.20	-16.70	peak
3 *	5260.000	8.49	34.45	38.44	103.67	108.17	68.20	39.97	peak

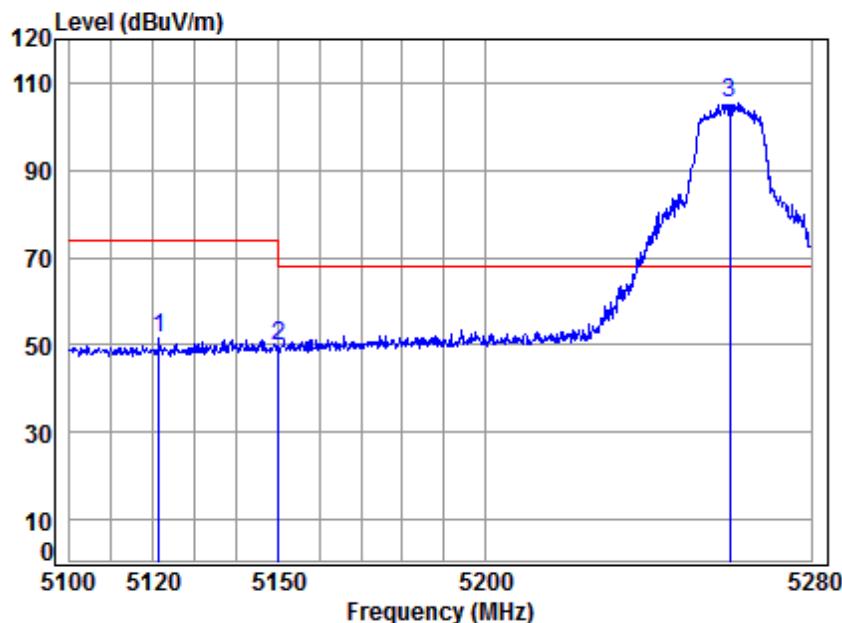
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.808	8.32	34.47	38.47	39.21	43.53	54.00	-10.47	Average
2	5150.000	8.33	34.47	38.47	38.82	43.15	54.00	-10.85	Average
3	5260.000	8.49	34.45	38.44	97.52	102.02	-----	-----	Average

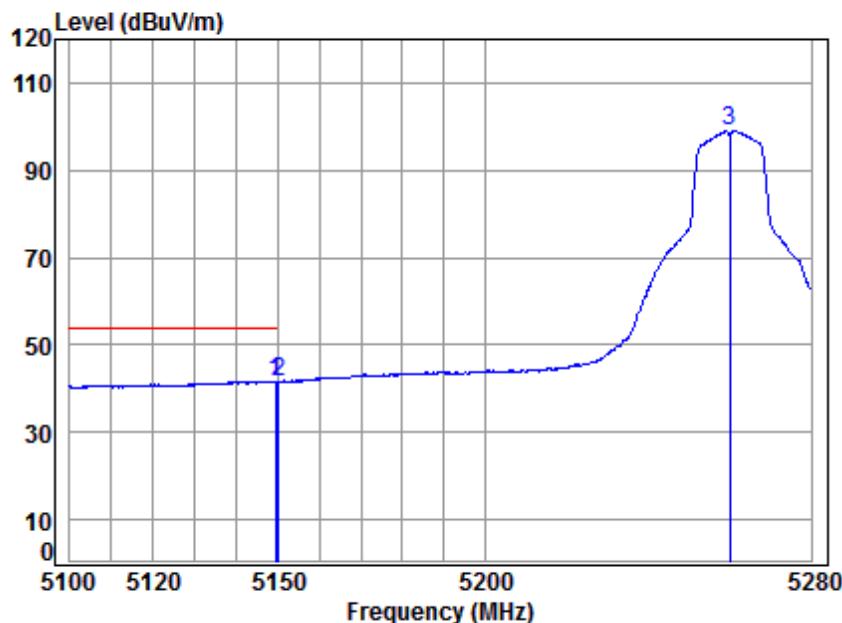
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.449	8.28	34.47	38.47	47.24	51.52	74.00	-22.48	Peak
2	5150.000	8.33	34.47	38.47	45.38	49.71	68.20	-18.49	Peak
3 *	5260.000	8.49	34.45	38.44	100.83	105.33	68.20	37.13	Peak

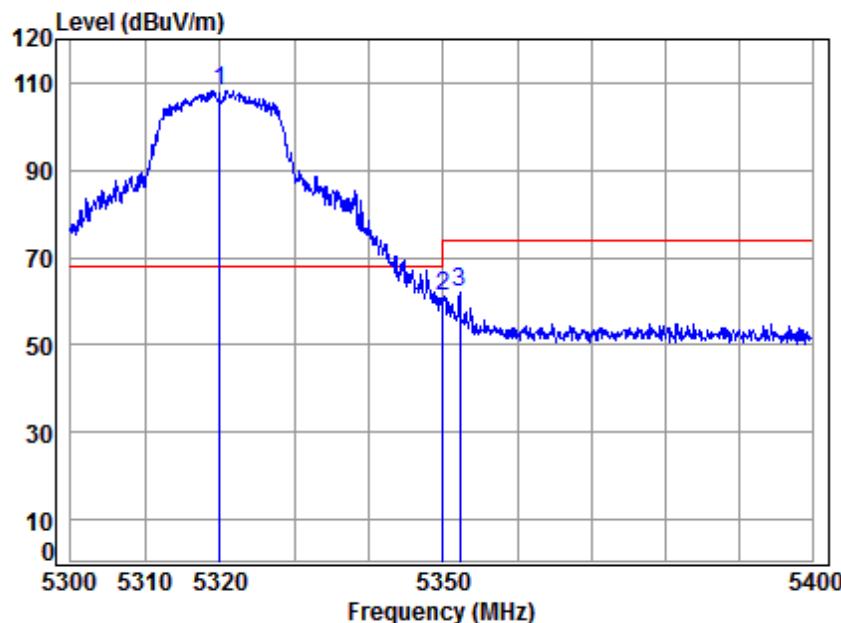
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.415	8.32	34.47	38.47	37.31	41.63	54.00	-12.37	Average
2	5150.000	8.33	34.47	38.47	37.19	41.52	54.00	-12.48	Average
3	5260.000	8.49	34.45	38.44	94.54	99.04	-----	-----	Average

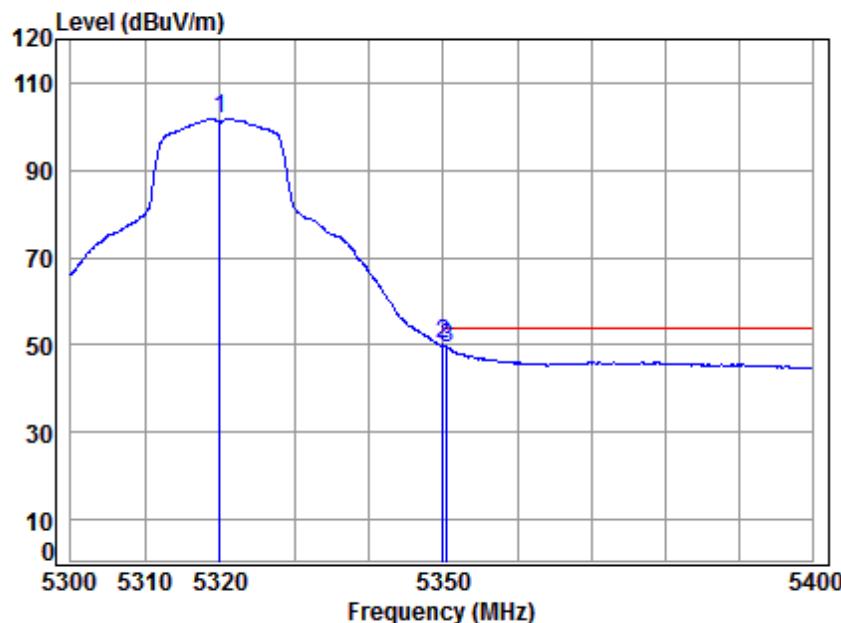
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 *	5320.000	8.58	34.43	38.43	103.64	108.22	68.20 40.02 peak
2	5350.000	8.63	34.43	38.43	56.48	61.11	68.20 -7.09 peak
3	5352.267	8.63	34.43	38.43	57.27	61.90	74.00 -12.10 peak

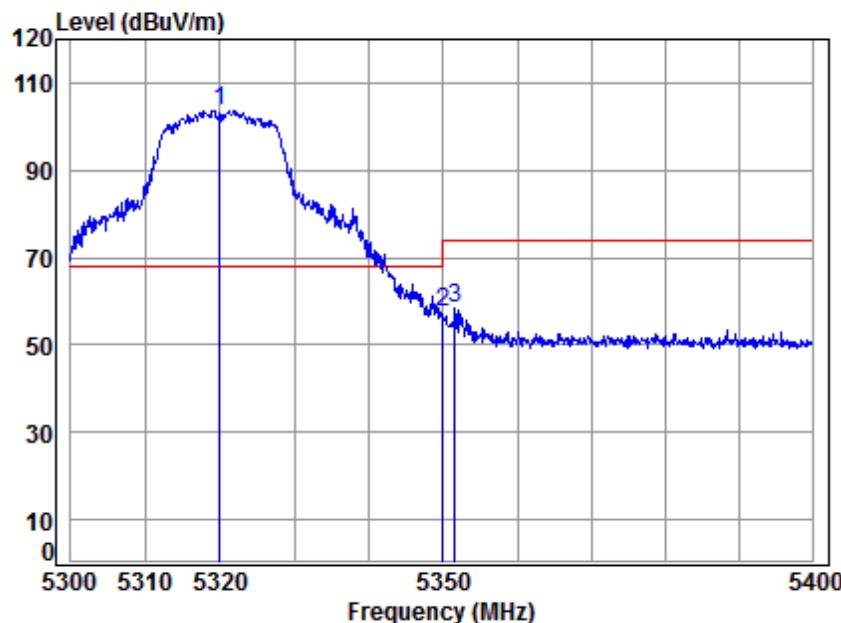
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	97.37	101.95	-----	-----	Average
2	5350.000	8.63	34.43	38.43	45.39	50.02	54.00	-3.98	Average
3	5350.566	8.63	34.43	38.43	44.70	49.33	54.00	-4.67	Average

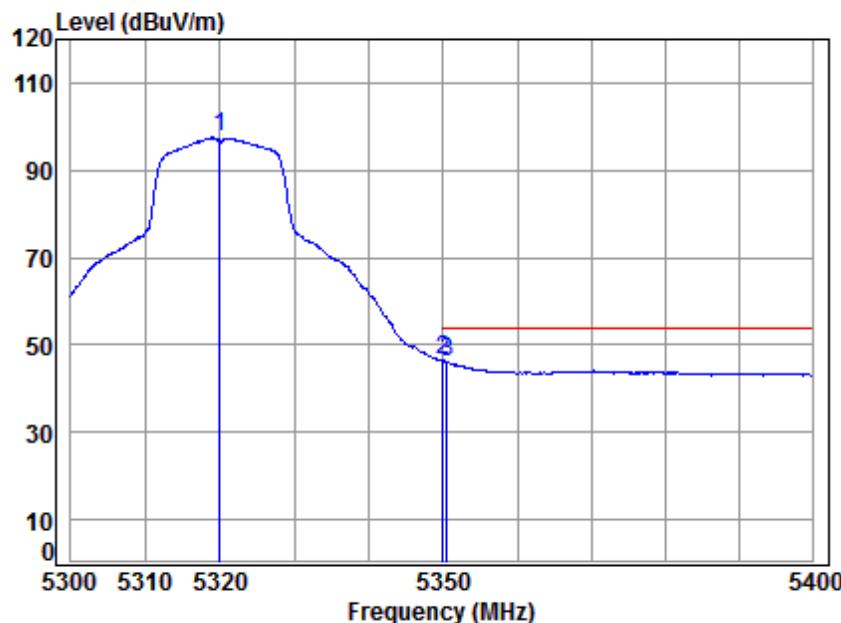
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 * 5320.000	8.58	34.43	38.43	99.07	103.65	68.20	35.45	Peak
2 5350.000	8.63	34.43	38.43	52.85	57.48	68.20	-10.72	Peak
3 5351.566	8.63	34.43	38.43	53.68	58.31	74.00	-15.69	Peak

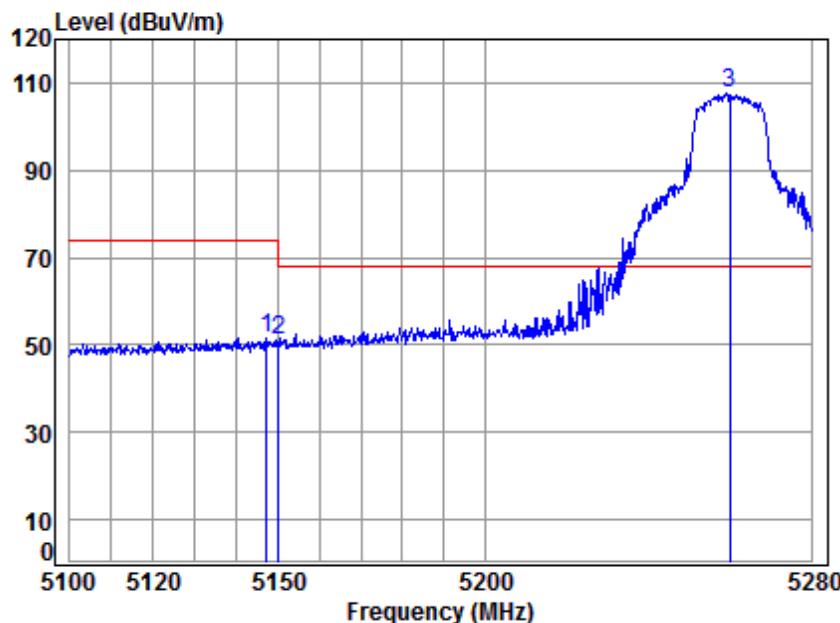
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	92.84	97.42	-----	-----	Average
2	5350.000	8.63	34.43	38.43	41.94	46.57	54.00	-7.43	Average
3	5350.566	8.63	34.43	38.43	41.39	46.02	54.00	-7.98	Average

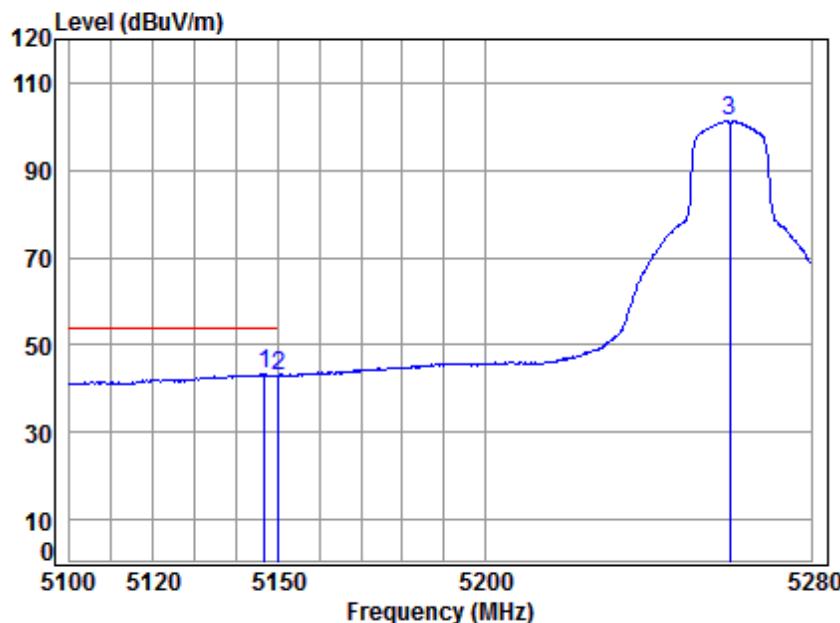
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.094	8.32	34.47	38.47	47.29	51.61	74.00	-22.39	peak
2	5150.000	8.33	34.47	38.47	46.66	50.99	68.20	-17.21	peak
3 *	5260.000	8.49	34.45	38.44	103.26	107.76	68.20	39.56	peak

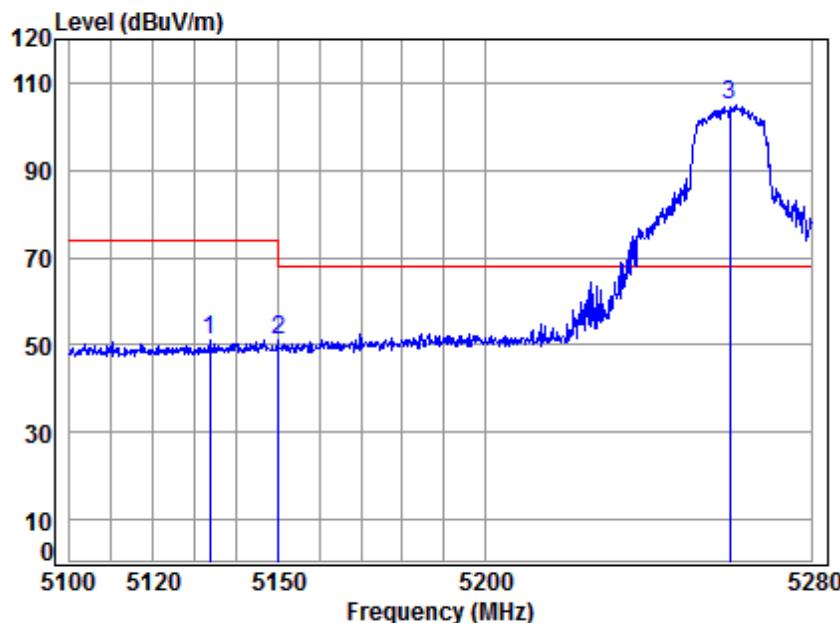
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.737	8.32	34.47	38.47	38.89	43.21	54.00	-10.79	Average
2	5150.000	8.33	34.47	38.47	38.65	42.98	54.00	-11.02	Average
3	5260.000	8.49	34.45	38.44	96.81	101.31	-----	-----	Average

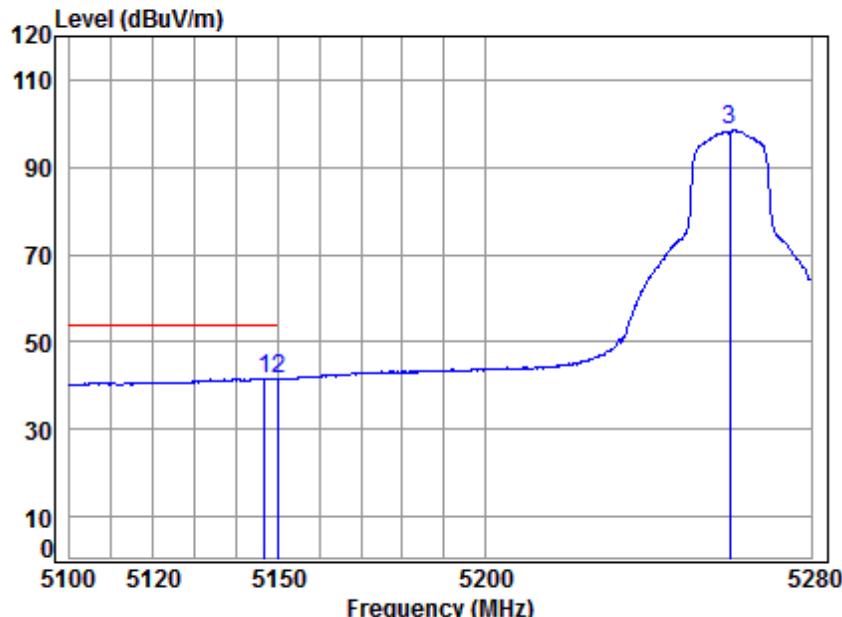
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.543	8.30	34.47	38.47	46.69	50.99	74.00	-23.01	Peak
2	5150.000	8.33	34.47	38.47	46.56	50.89	68.20	-17.31	Peak
3 *	5260.000	8.49	34.45	38.44	100.25	104.75	68.20	36.55	Peak

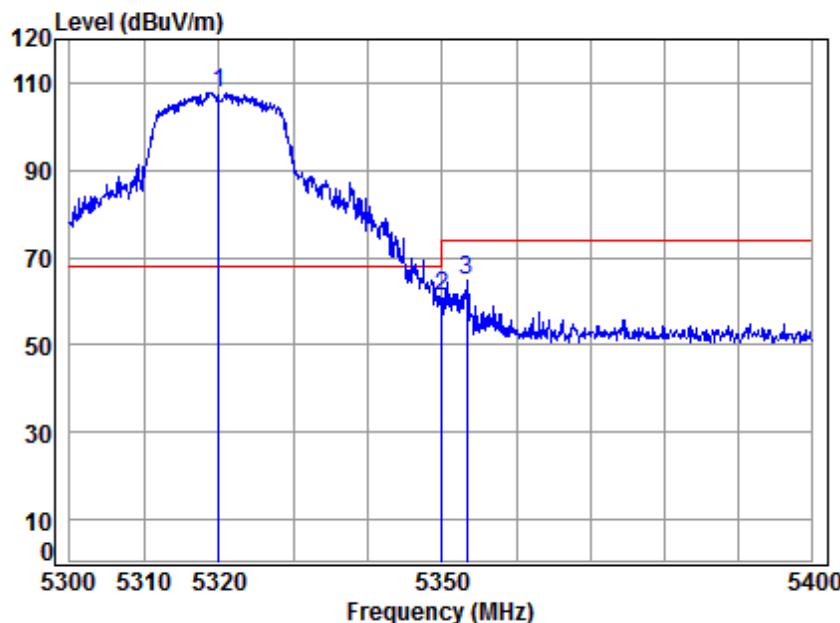
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.737	8.32	34.47	38.47	37.28	41.60	54.00	-12.40	Average
2	5150.000	8.33	34.47	38.47	37.20	41.53	54.00	-12.47	Average
3	5260.000	8.49	34.45	38.44	93.96	98.46	-----	-----	Average

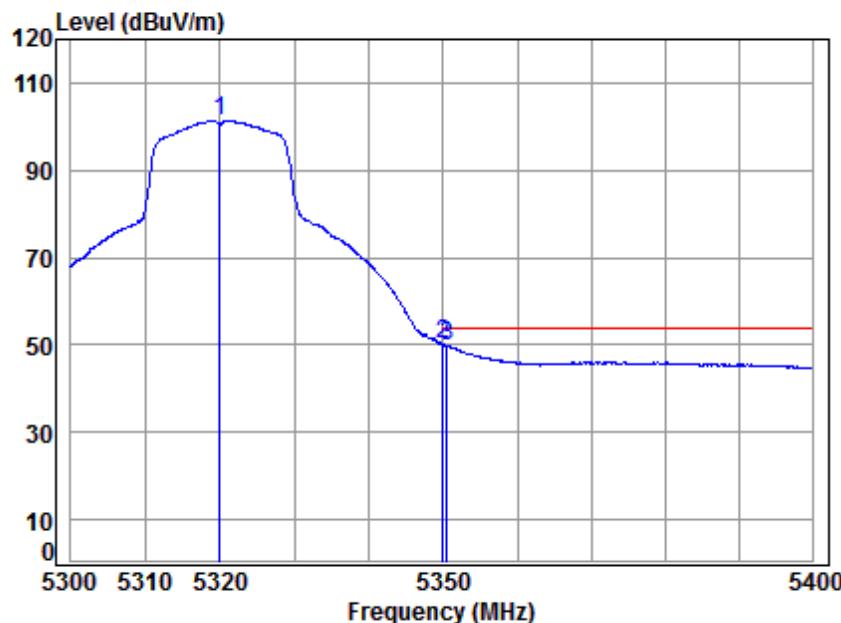
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 * 5320.000	8.58	34.43	38.43	103.18	107.76	68.20	39.56 peak
2 5350.000	8.63	34.43	38.43	56.49	61.12	68.20	-7.08 peak
3 5353.368	8.63	34.43	38.43	60.19	64.82	74.00	-9.18 peak

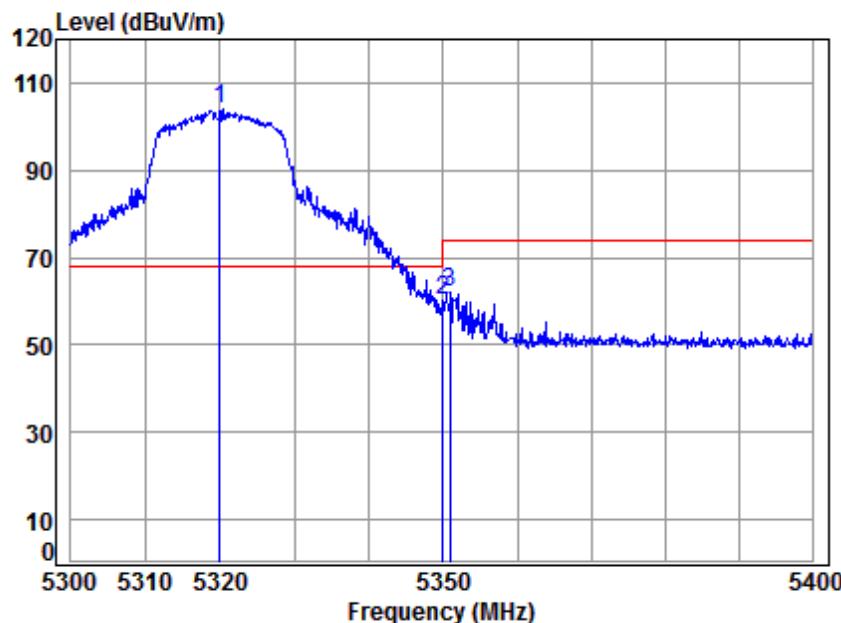
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	96.89	101.47	-----	-----	Average
2	5350.000	8.63	34.43	38.43	45.64	50.27	54.00	-3.73	Average
3	5350.566	8.63	34.43	38.43	45.09	49.72	54.00	-4.28	Average

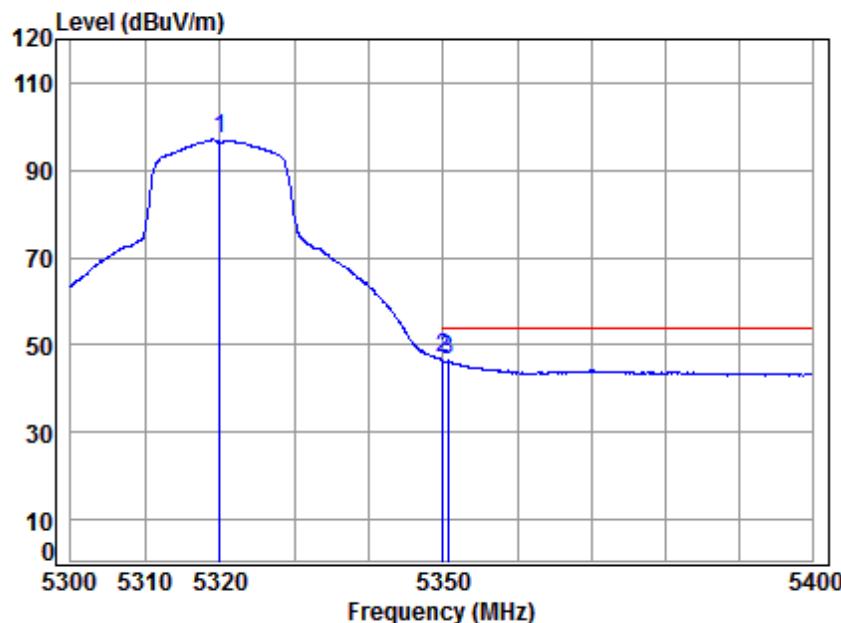
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 * 5320.000	8.58	34.43	38.43	99.27	103.85	68.20	35.65	Peak
2 5350.000	8.63	34.43	38.43	55.75	60.38	68.20	-7.82	Peak
3 5350.966	8.63	34.43	38.43	57.37	62.00	74.00	-12.00	Peak

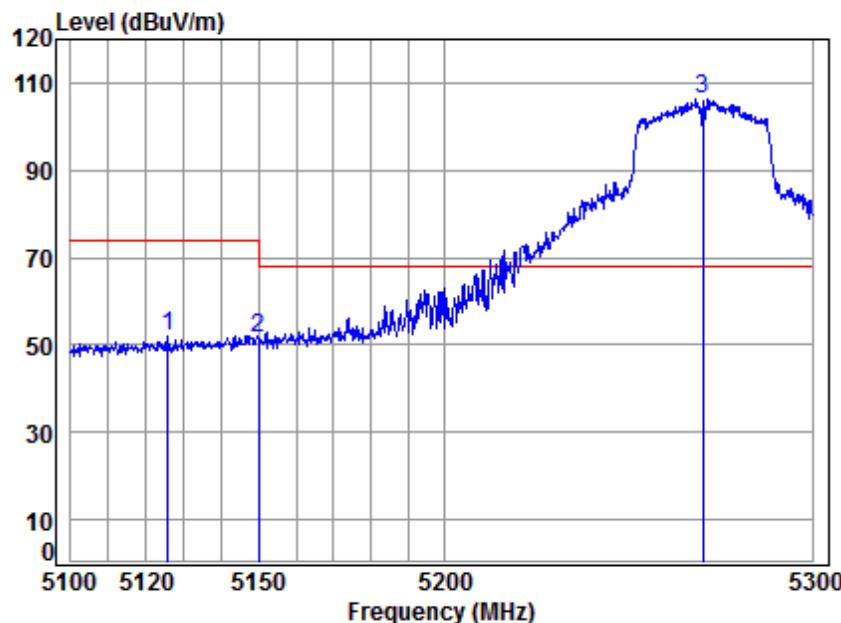
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	92.43	97.01	-----	-----	Average
2	5350.000	8.63	34.43	38.43	42.25	46.88	54.00	-7.12	Average
3	5350.667	8.63	34.43	38.43	41.69	46.32	54.00	-7.68	Average

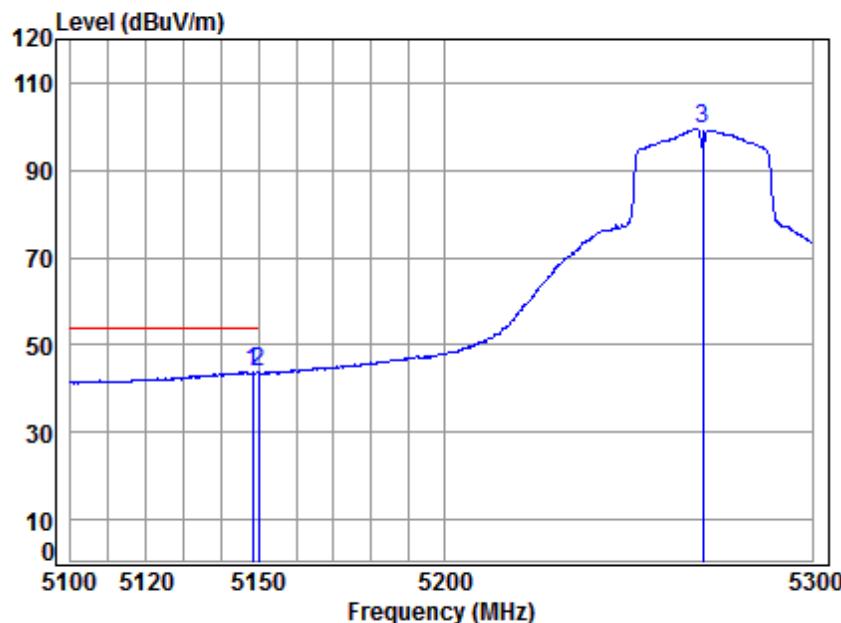
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5125.764	8.29	34.47	38.47	47.70	51.99	74.00	-22.01	peak
2	5150.000	8.33	34.47	38.47	47.27	51.60	68.20	-16.60	peak
3 *	5270.000	8.51	34.44	38.44	101.67	106.18	68.20	37.98	peak

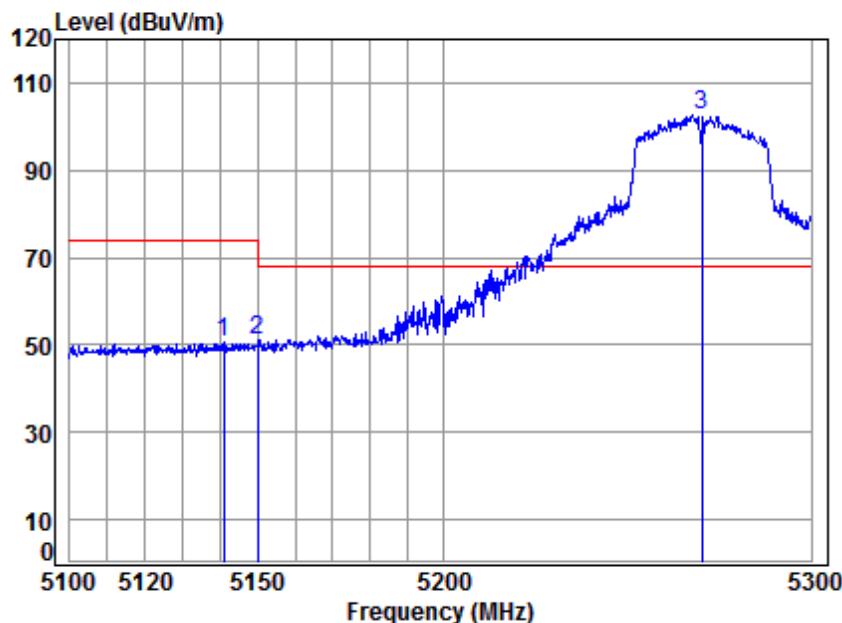
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.489	8.32	34.47	38.47	39.41	43.73	54.00	-10.27	Average
2	5150.000	8.33	34.47	38.47	39.28	43.61	54.00	-10.39	Average
3	5270.000	8.51	34.44	38.44	94.92	99.43	-----	-----	Average

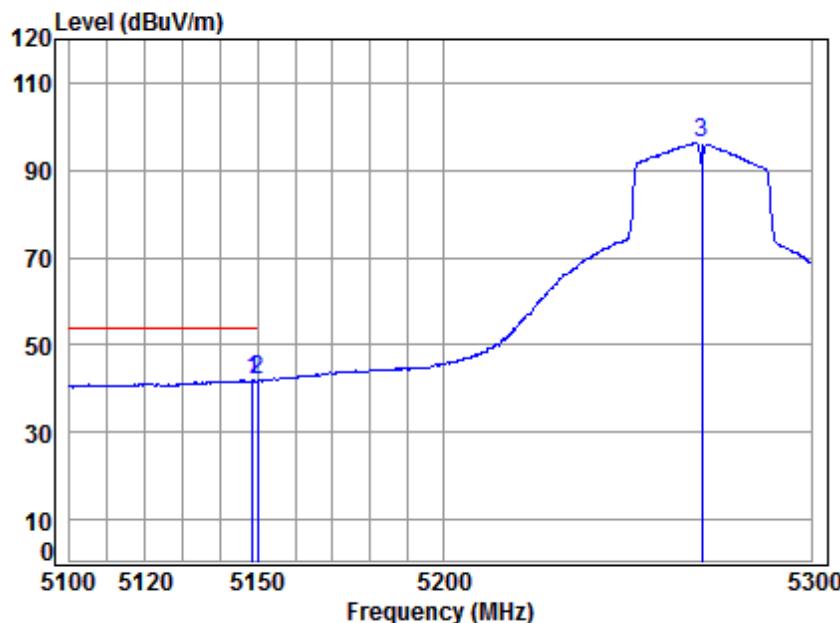
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.969	8.31	34.47	38.47	46.41	50.72	74.00	-23.28	Peak
2	5150.000	8.33	34.47	38.47	46.61	50.94	68.20	-17.26	Peak
3 *	5270.000	8.51	34.44	38.44	98.18	102.69	68.20	34.49	Peak

Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

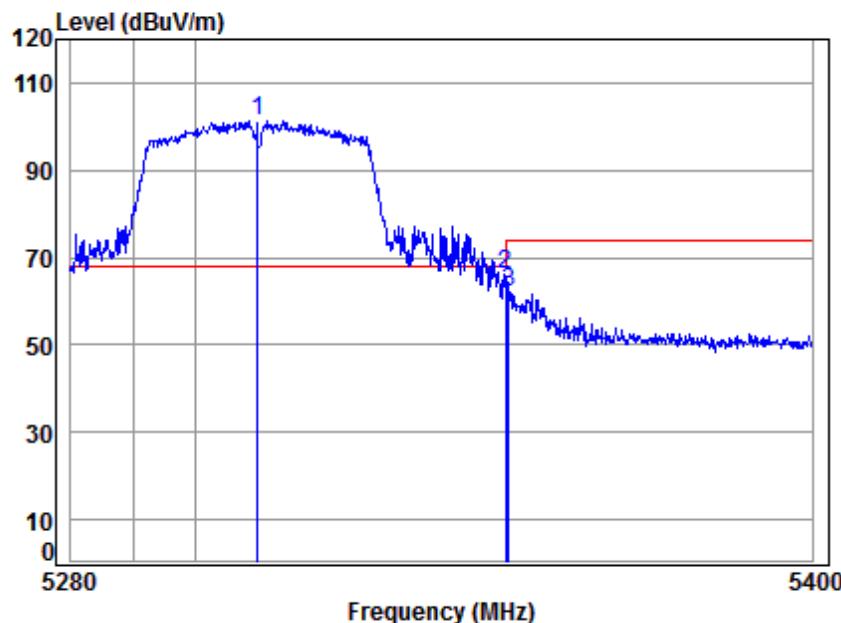
Job No : 11126CR

Mode : 5270 Band edge

: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.687	8.32	34.47	38.47	37.57	41.89	54.00	-12.11	Average
2	5150.000	8.33	34.47	38.47	37.67	42.00	54.00	-12.00	Average
3	5270.000	8.51	34.44	38.44	91.70	96.21	-----	-----	Average

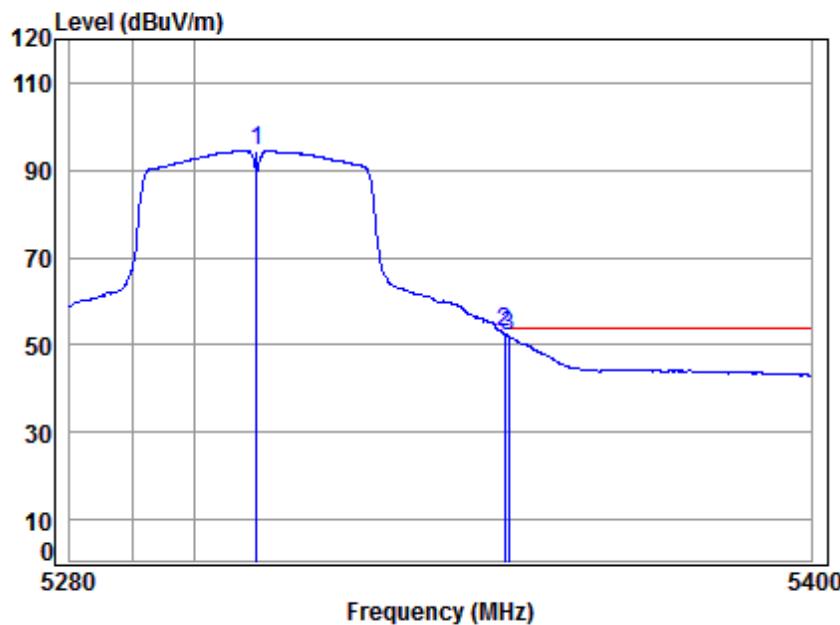
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1 *	5310.000	8.57	34.44	38.43	96.63	101.21	68.20	33.01	peak
2	5350.000	8.63	34.43	38.43	61.57	66.20	68.20	-2.00	peak
3	5350.594	8.63	34.43	38.43	57.54	62.17	74.00	-11.83	peak

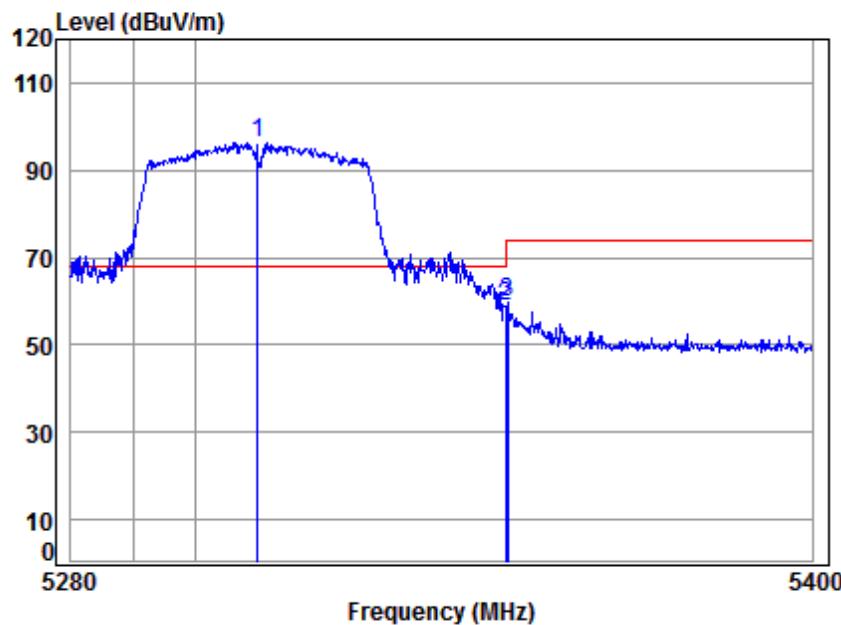
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.44	38.43	90.09	94.67	-----	-----	Average
2	5350.000	8.63	34.43	38.43	48.19	52.82	54.00	-1.18	Average
3	5350.714	8.63	34.43	38.43	47.56	52.19	54.00	-1.81	Average

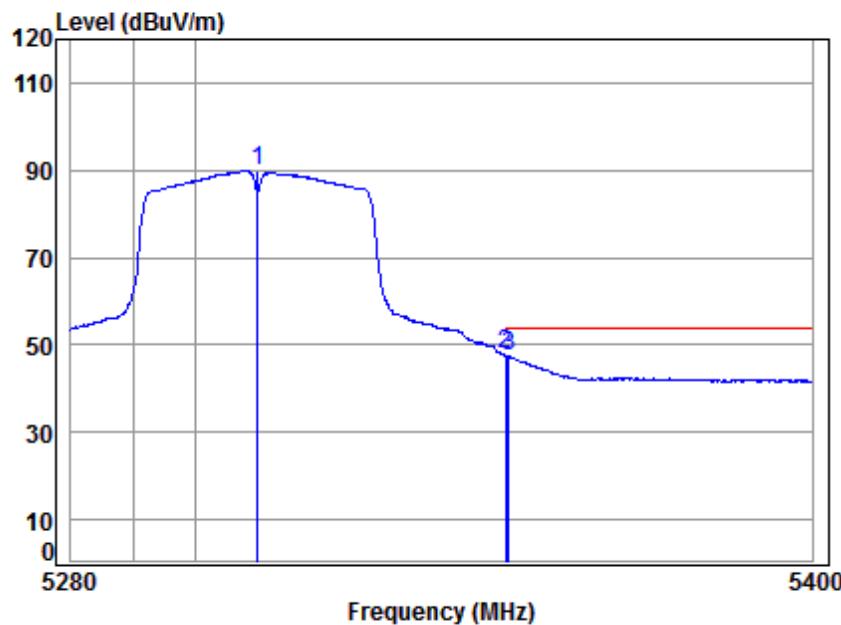
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 * 5310.000	8.57	34.44	38.43	91.76	96.34	68.20	28.14 Peak
2 5350.000	8.63	34.43	38.43	54.43	59.06	68.20	-9.14 Peak
3 5350.474	8.63	34.43	38.43	54.95	59.58	74.00	-14.42 Peak

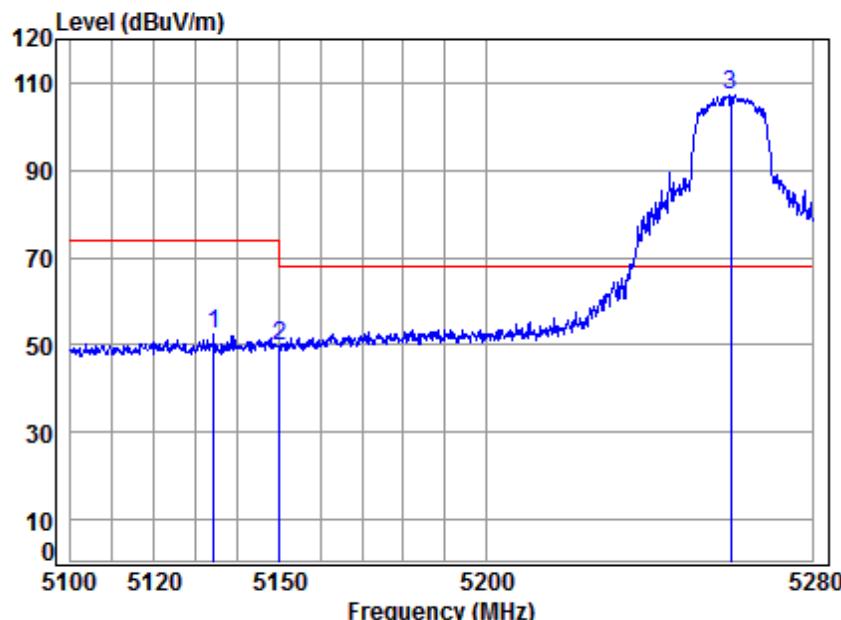
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.44	38.43	85.31	89.89	-----	-----	Average
2	5350.000	8.63	34.43	38.43	43.07	47.70	54.00	-6.30	Average
3	5350.594	8.63	34.43	38.43	42.76	47.39	54.00	-6.61	Average

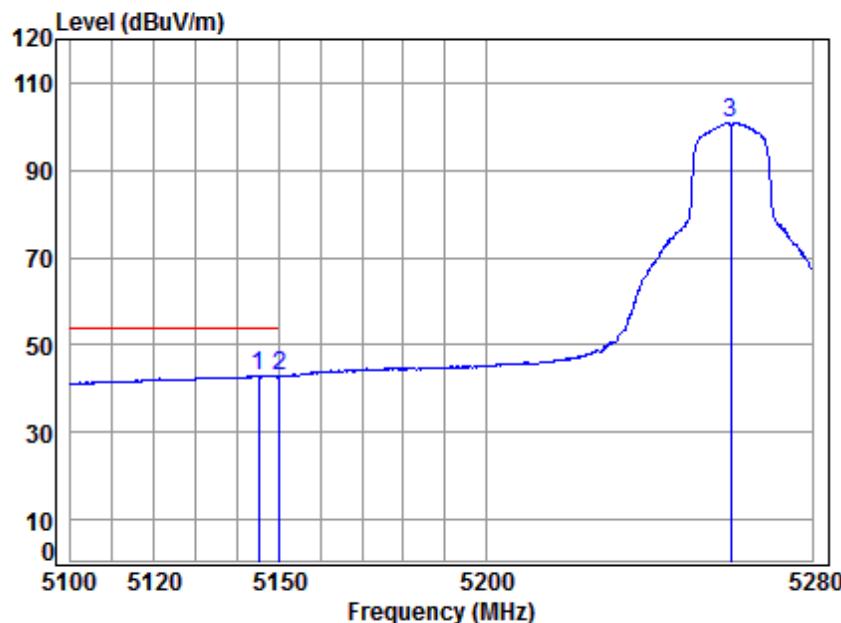
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5134.255	8.30	34.47	38.47	48.08	52.38	74.00	-21.62	peak
2	5150.000	8.33	34.47	38.47	45.56	49.89	68.20	-18.31	peak
3 *	5260.000	8.49	34.45	38.44	102.84	107.34	68.20	39.14	peak

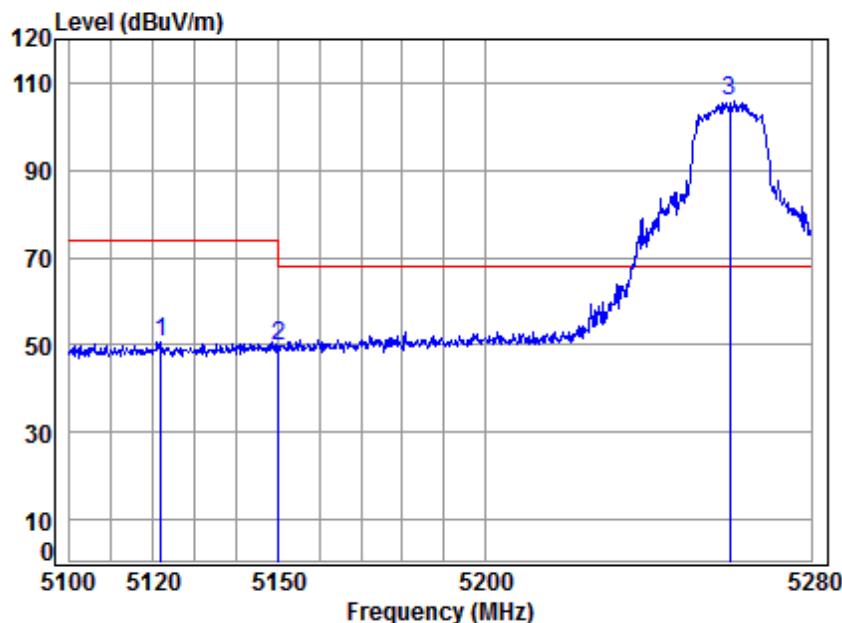
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11AC20

		Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
Freq	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.130	8.32	34.47	38.47	38.56	42.88	54.00	-11.12	Average
2	5150.000	8.33	34.47	38.47	38.56	42.89	54.00	-11.11	Average
3	5260.000	8.49	34.45	38.44	96.52	101.02	-----	-----	Average

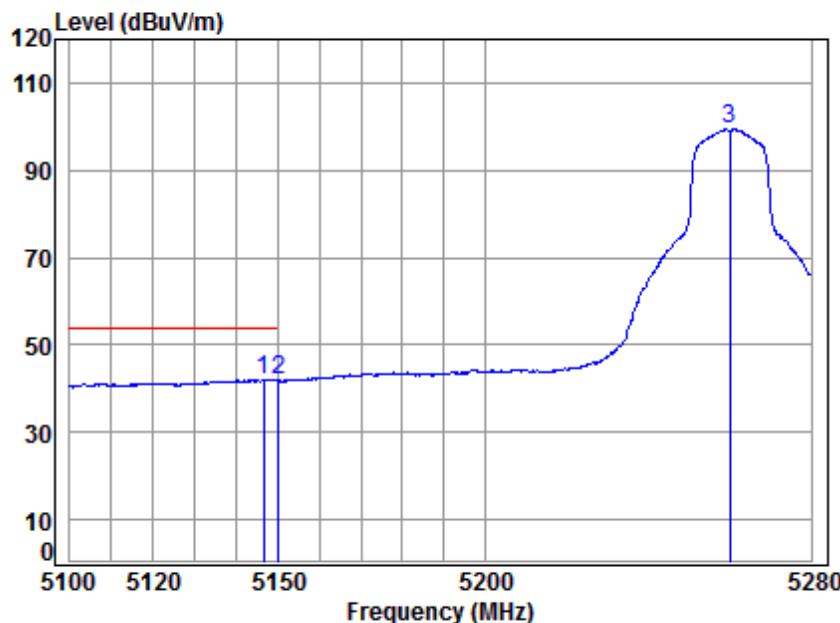
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.805	8.28	34.47	38.47	46.31	50.59	74.00	-23.41	Peak
2	5150.000	8.33	34.47	38.47	45.54	49.87	68.20	-18.33	Peak
3 *	5260.000	8.49	34.45	38.44	101.14	105.64	68.20	37.44	Peak

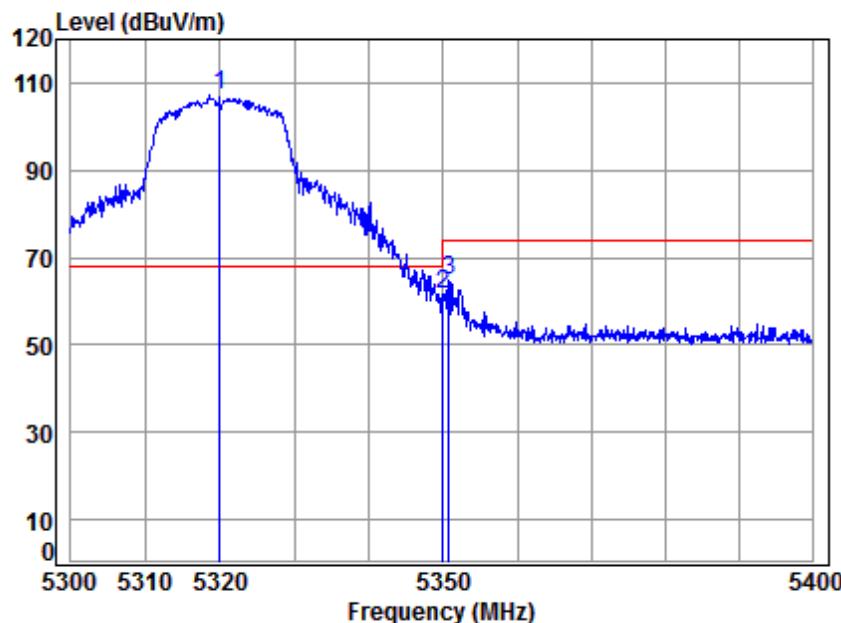
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5260 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.379	8.32	34.47	38.47	37.71	42.03	54.00	-11.97	Average
2	5150.000	8.33	34.47	38.47	37.54	41.87	54.00	-12.13	Average
3	5260.000	8.49	34.45	38.44	94.91	99.41	-----	-----	Average

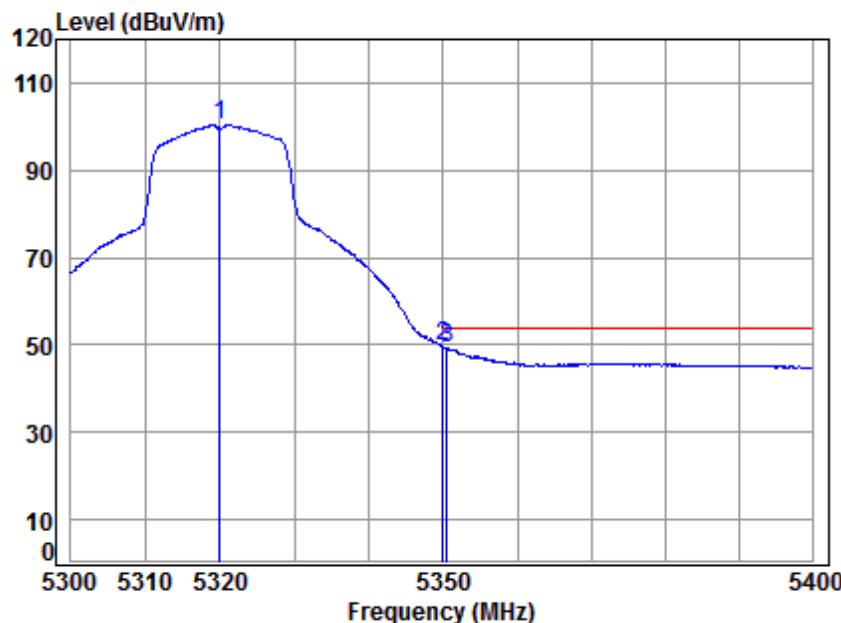
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 * 5320.000	8.58	34.43	38.43	102.57	107.15	68.20	38.95 peak
2 5350.000	8.63	34.43	38.43	56.92	61.55	68.20	-6.65 peak
3 5350.767	8.63	34.43	38.43	60.01	64.64	74.00	-9.36 peak

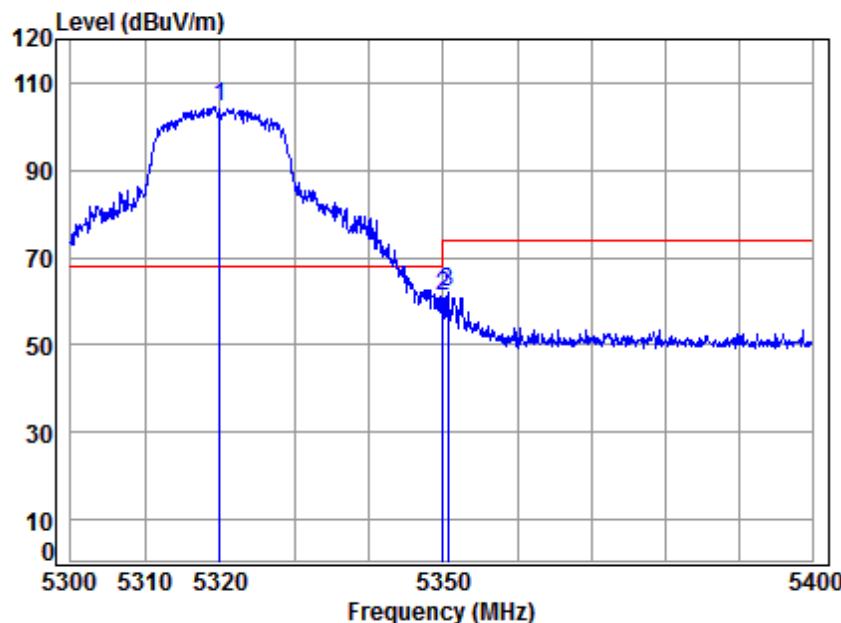
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	95.80	100.38	-----	-----	Average
2	5350.000	8.63	34.43	38.43	45.28	49.91	54.00	-4.09	Average
3	5350.566	8.63	34.43	38.43	44.72	49.35	54.00	-4.65	Average

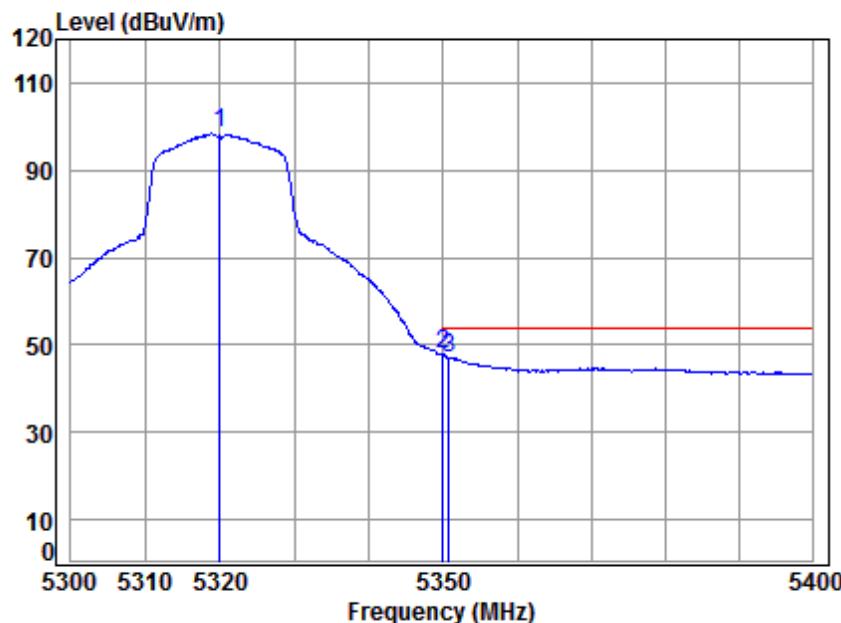
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 * 5320.000	8.58	34.43	38.43	99.92	104.50	68.20	36.30	Peak
2 5350.000	8.63	34.43	38.43	56.43	61.06	68.20	-7.14	Peak
3 5350.667	8.63	34.43	38.43	57.51	62.14	74.00	-11.86	Peak

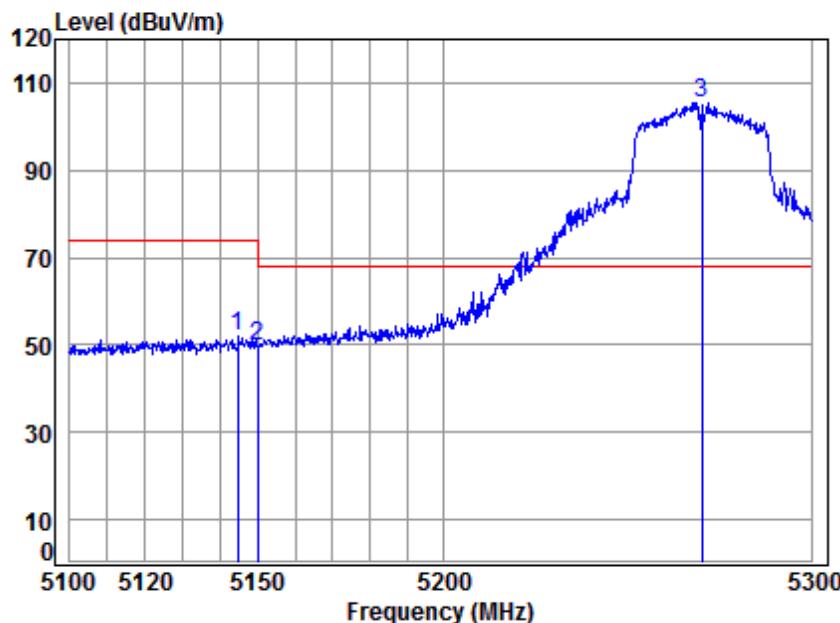
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5320 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.43	38.43	93.78	98.36	-----	-----	Average
2	5350.000	8.63	34.43	38.43	43.25	47.88	54.00	-6.12	Average
	5350.767	8.63	34.43	38.43	42.48	47.11	54.00	-6.89	Average

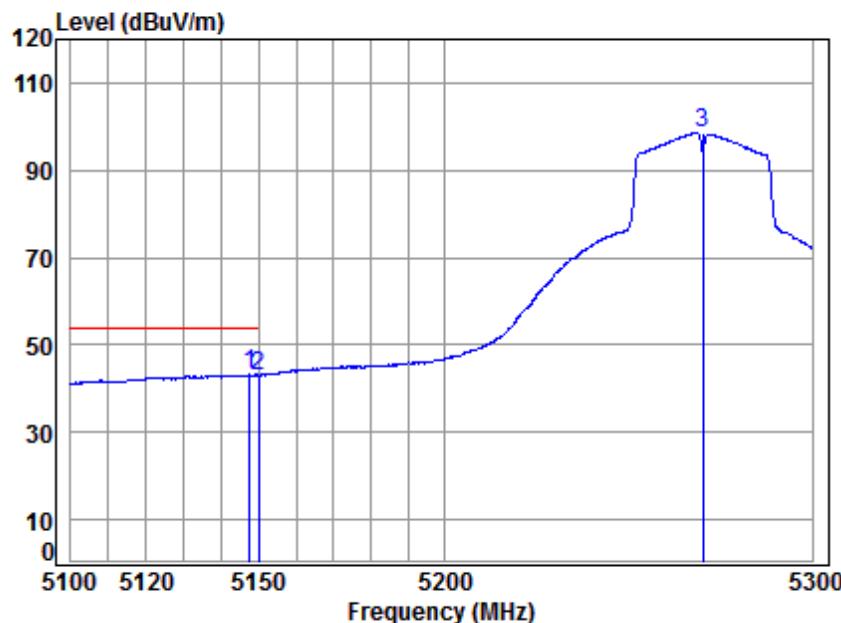
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.728	8.32	34.47	38.47	47.55	51.87	74.00	-22.13	peak
2	5150.000	8.33	34.47	38.47	45.61	49.94	68.20	-18.26	peak
3 *	5270.000	8.51	34.44	38.44	100.91	105.42	68.20	37.22	peak

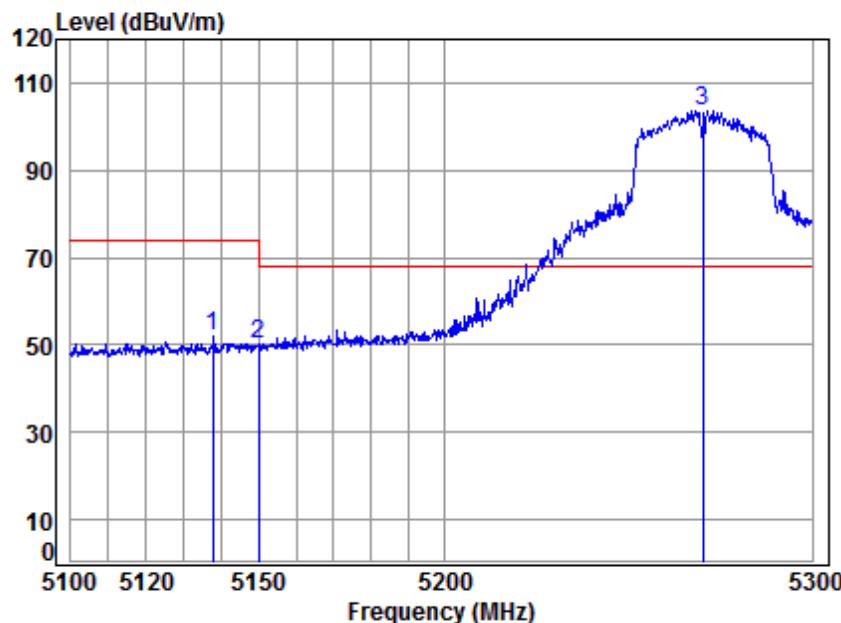
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.499	8.32	34.47	38.47	39.06	43.38	54.00	-10.62	Average
2	5150.000	8.33	34.47	38.47	38.63	42.96	54.00	-11.04	Average
3	5270.000	8.51	34.44	38.44	94.07	98.58	-----	-----	Average

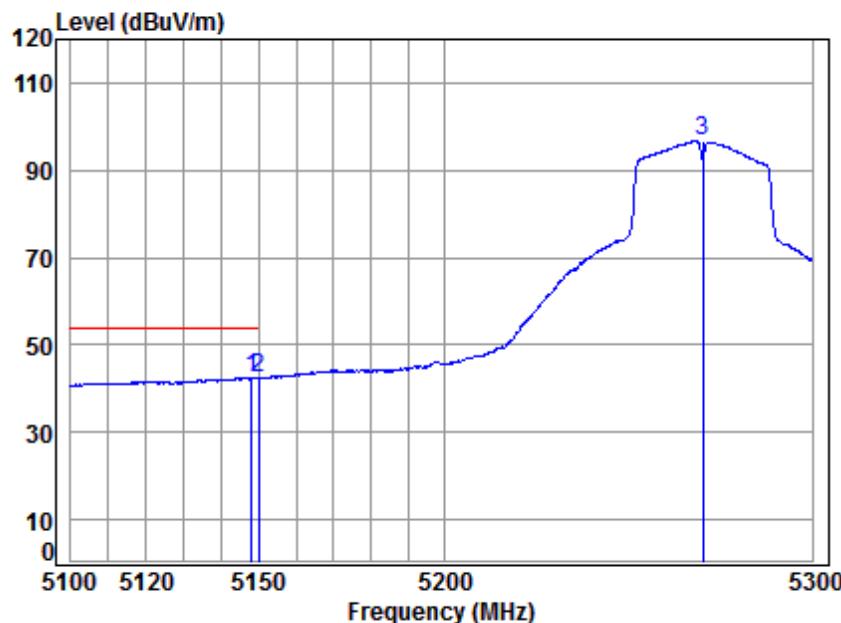
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5137.806	8.31	34.47	38.47	47.60	51.91	74.00	-22.09	Peak
2	5150.000	8.33	34.47	38.47	46.08	50.41	68.20	-17.79	Peak
3 *	5270.000	8.51	34.44	38.44	99.02	103.53	68.20	35.33	Peak

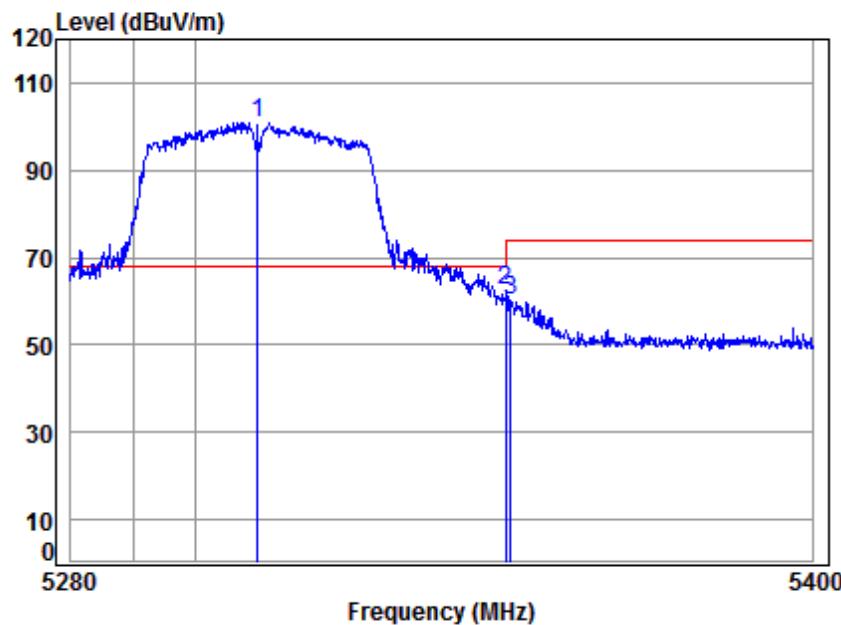
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5270 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.093	8.32	34.47	38.47	38.10	42.42	54.00	-11.58	Average
2	5150.000	8.33	34.47	38.47	38.15	42.48	54.00	-11.52	Average
3	5270.000	8.51	34.44	38.44	92.27	96.78	-----	-----	Average

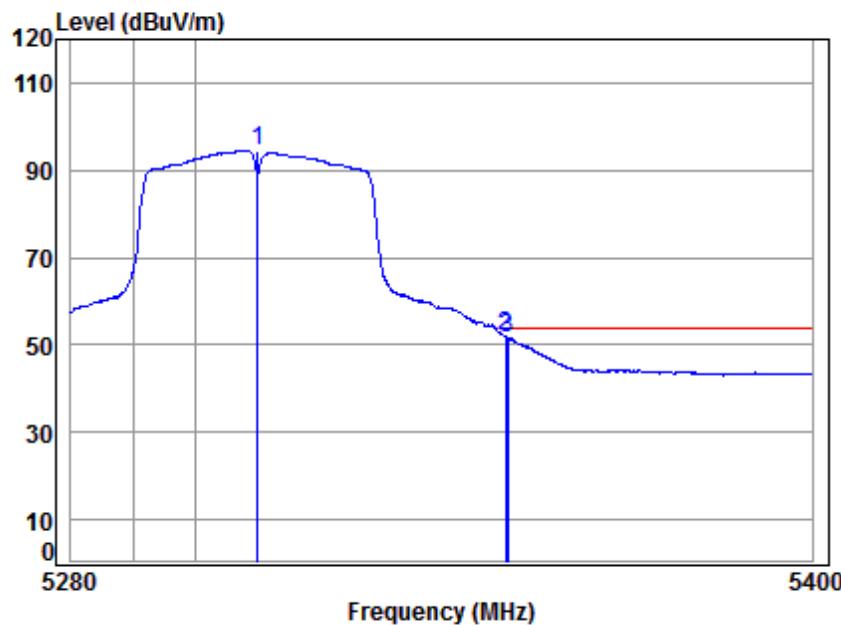
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5310.000	8.57	34.44	38.43	96.13	100.71	68.20	32.51 peak
2	5350.000	8.63	34.43	38.43	58.08	62.71	68.20	-5.49 peak
3	5350.834	8.63	34.43	38.43	55.43	60.06	74.00	-13.94 peak

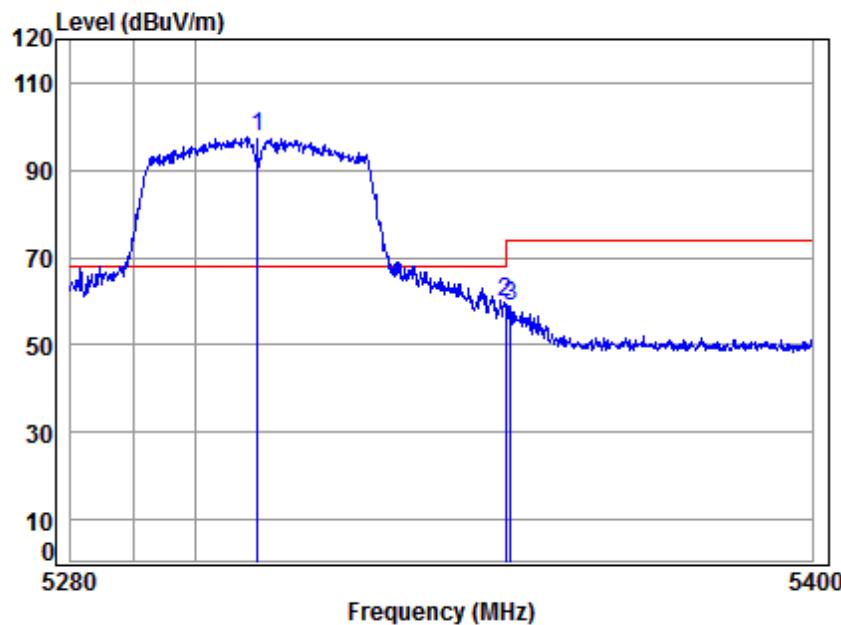
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.44	38.43	89.94	94.52	-----	-----	Average
2	5350.000	8.63	34.43	38.43	47.56	52.19	54.00	-1.81	Average
3	5350.474	8.63	34.43	38.43	46.95	51.58	54.00	-2.42	Average

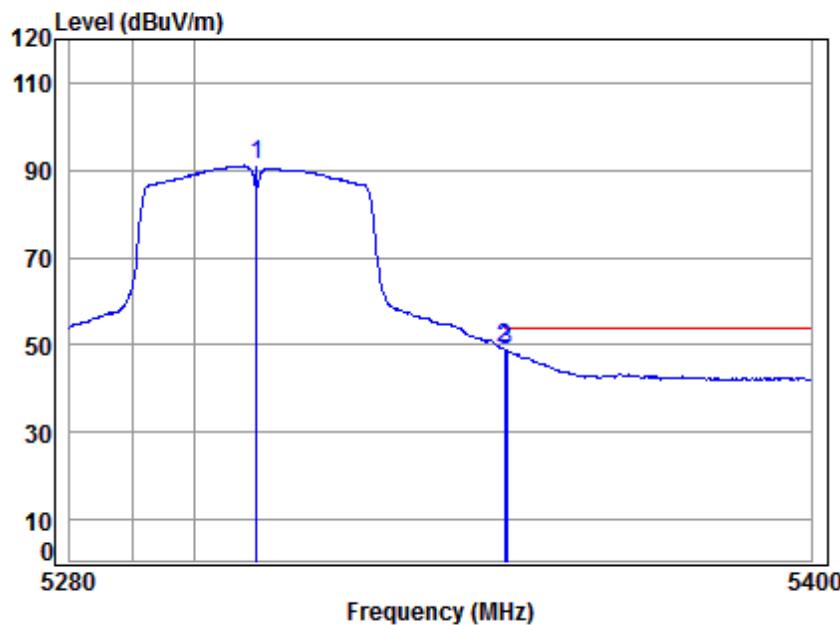
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 *	5310.000	8.57	34.44	38.43	92.96	97.54	68.20	29.34 Peak
2	5350.000	8.63	34.43	38.43	55.04	59.67	68.20	-8.53 Peak
3	5350.834	8.63	34.43	38.43	54.38	59.01	74.00	-14.99 Peak

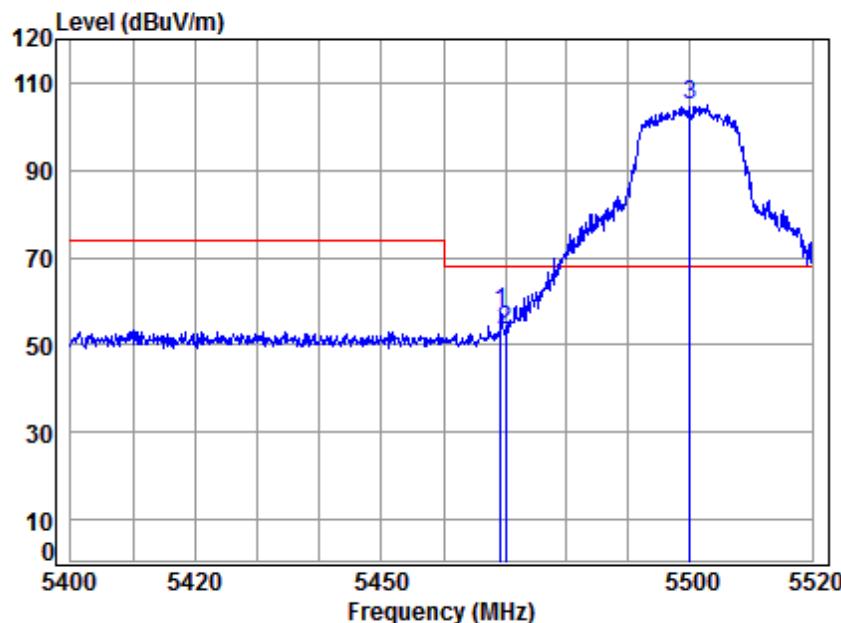
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5310 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.44	38.43	86.45	91.03	-----	-----	Average
2	5350.000	8.63	34.43	38.43	44.63	49.26	54.00	-4.74	Average
3	5350.474	8.63	34.43	38.43	44.06	48.69	54.00	-5.31	Average

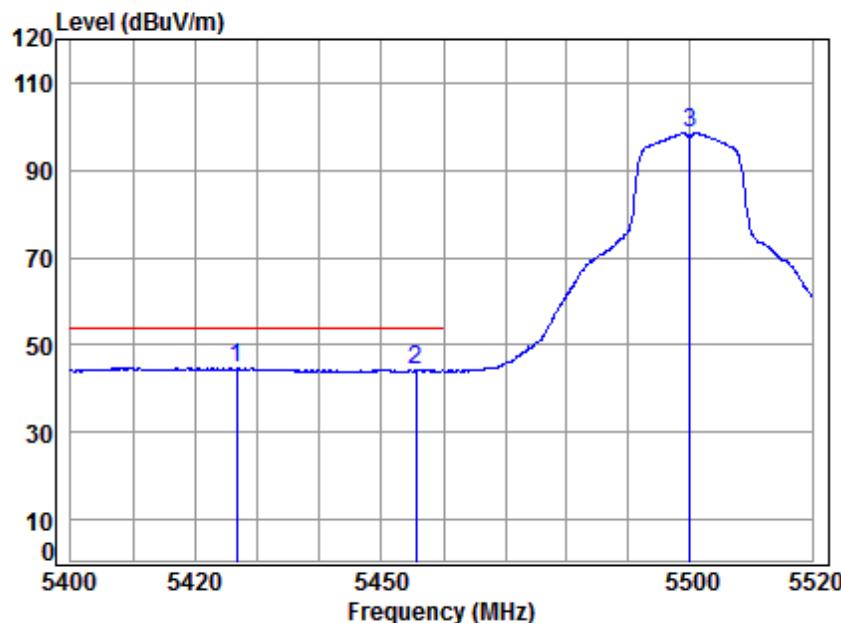
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.279	8.81	34.41	38.40	52.74	57.56	68.20	-10.64	peak
2	5470.000	8.81	34.41	38.40	48.71	53.53	68.20	-14.67	peak
3 *	5500.000	8.85	34.40	38.40	100.00	104.85	68.20	36.65	peak

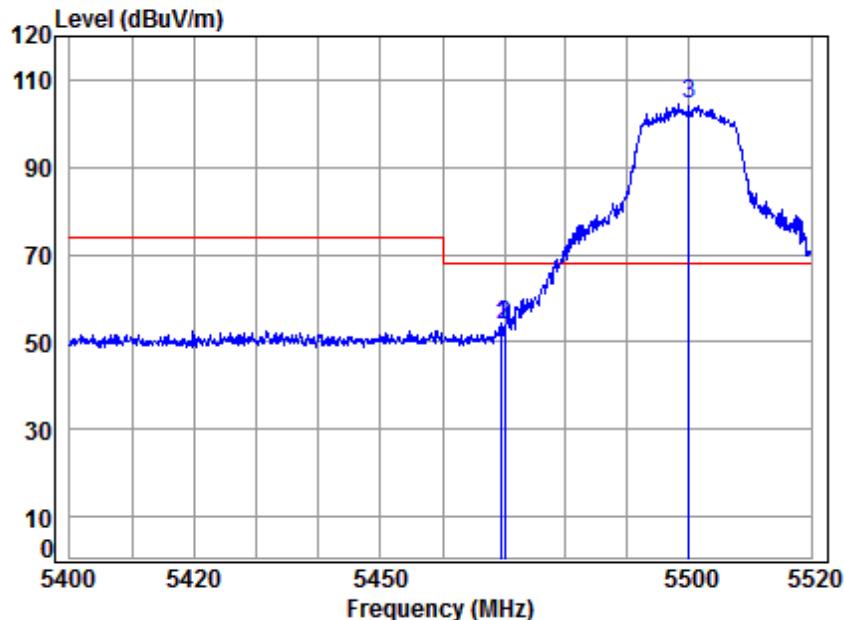
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5426.651	8.74	34.41	38.41	39.86	44.60	54.00	-9.40 Average
2	5455.592	8.79	34.41	38.40	39.42	44.22	54.00	-9.78 Average
3	5500.000	8.85	34.40	38.40	93.62	98.47	-----	----- Average

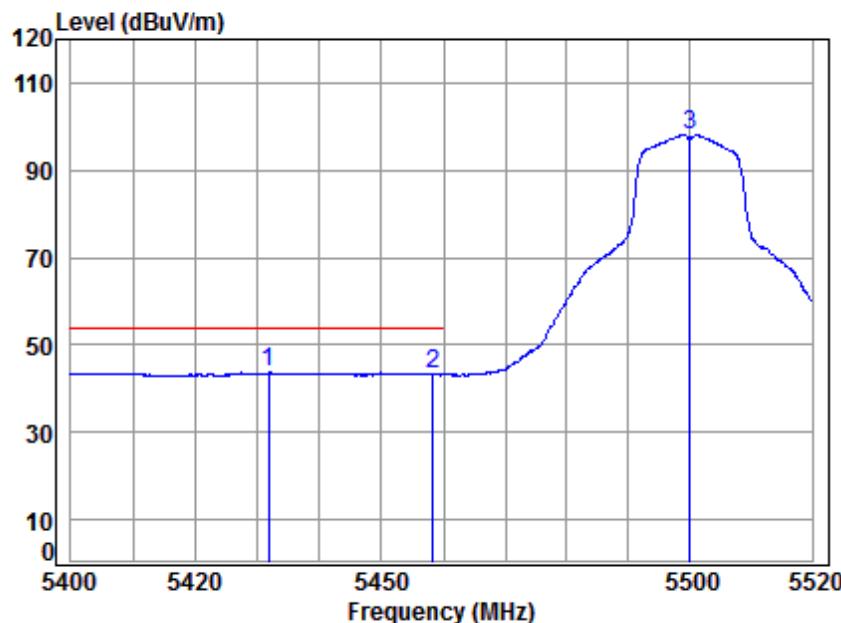
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.519	8.81	34.41	38.40	49.24	54.06	68.20	-14.14	Peak
2	5470.000	8.81	34.41	38.40	49.00	53.82	68.20	-14.38	Peak
3 *	5500.000	8.85	34.40	38.40	99.42	104.27	68.20	36.07	Peak

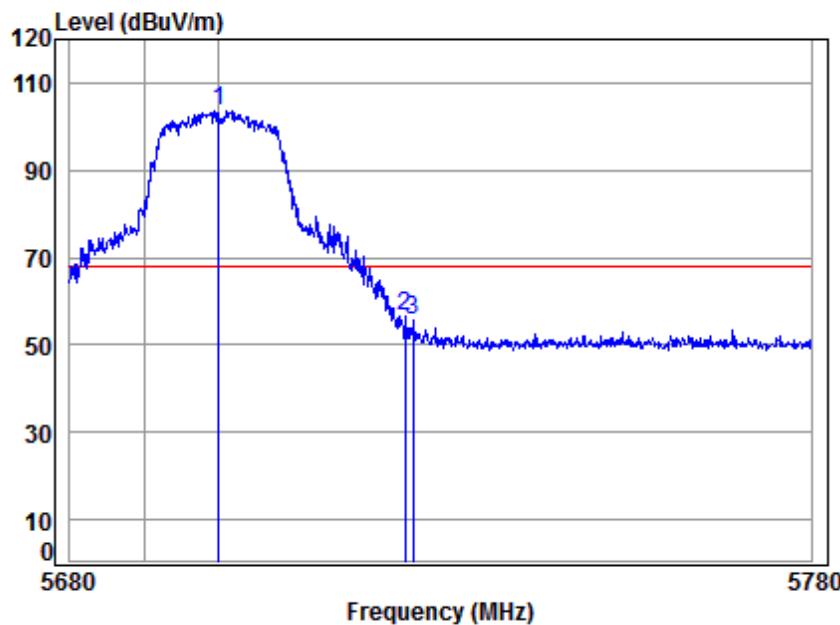
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5431.782	8.75	34.41	38.41	38.89	43.64	54.00	-10.36 Average
2	5458.230	8.79	34.41	38.40	38.66	43.46	54.00	-10.54 Average
3	5500.000	8.85	34.40	38.40	93.32	98.17	-----	----- Average

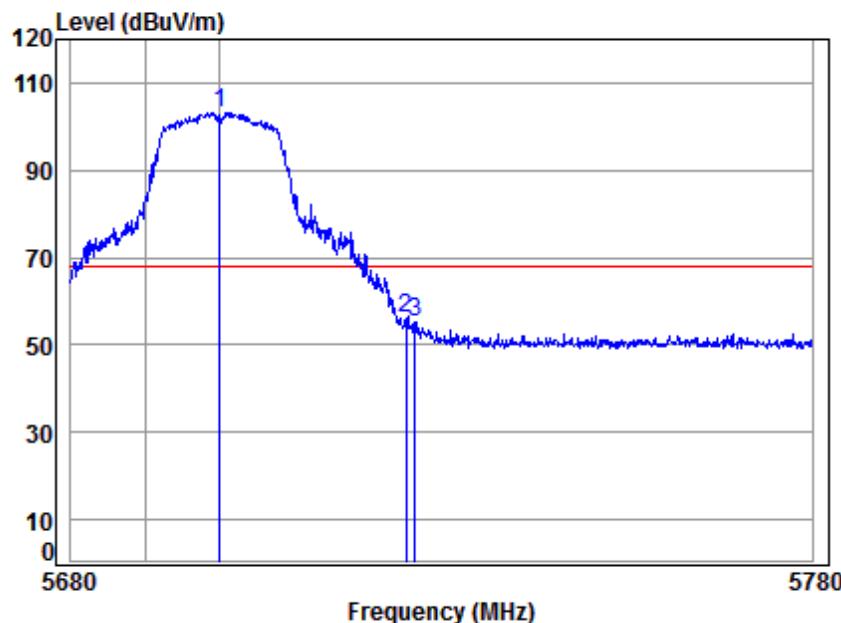
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1 *	5700.000	9.56	34.52	38.36	98.04	103.76	68.20	35.56 peak
2	5725.000	9.64	34.54	38.35	50.83	56.66	68.20	-11.54 peak
3	5726.083	9.65	34.54	38.35	49.76	55.60	68.20	-12.60 peak

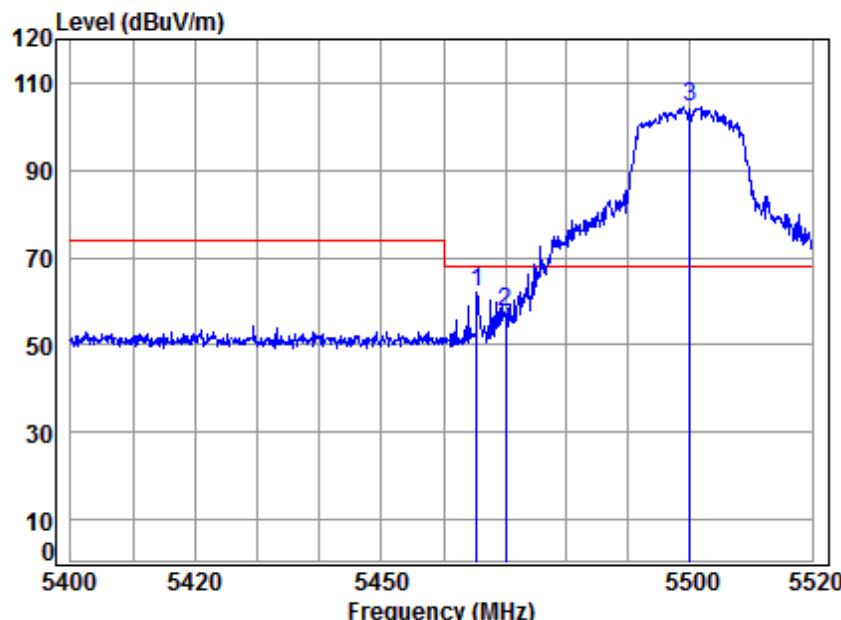
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1 *	5700.000	9.56	34.52	38.36	97.49	103.21	68.20	35.01	Peak
2	5725.000	9.64	34.54	38.35	50.44	56.27	68.20	-11.93	Peak
3	5726.283	9.65	34.54	38.35	49.45	55.29	68.20	-12.91	Peak

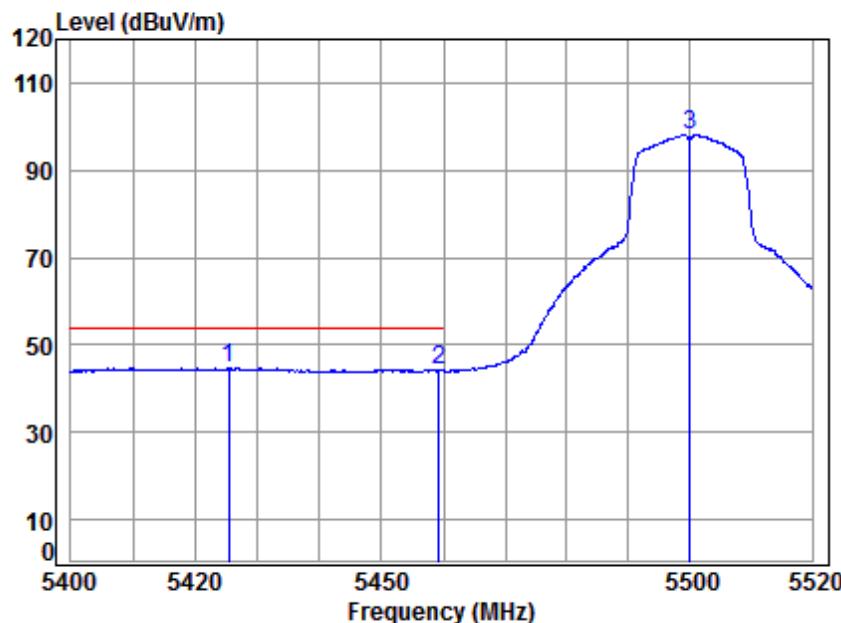
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5465.433	8.80	34.41	38.40	57.45	62.26	68.20	-5.94	peak
2	5470.000	8.81	34.41	38.40	52.73	57.55	68.20	-10.65	peak
3 *	5500.000	8.85	34.40	38.40	99.78	104.63	68.20	36.43	peak

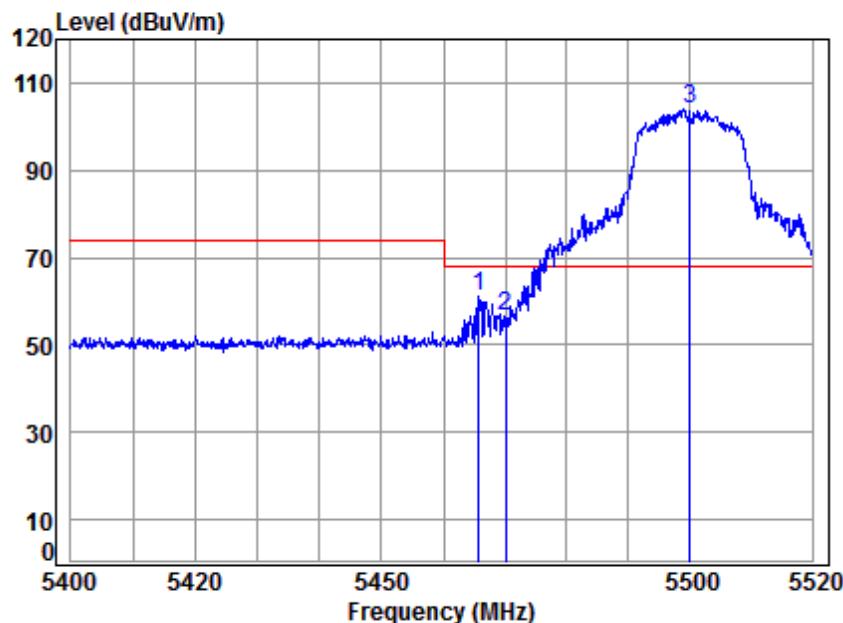
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5425.339	8.74	34.41	38.41	39.91	44.65	54.00	-9.35	Average
2	5459.190	8.79	34.41	38.40	39.47	44.27	54.00	-9.73	Average
3	5500.000	8.85	34.40	38.40	93.20	98.05	-----	-----	Average

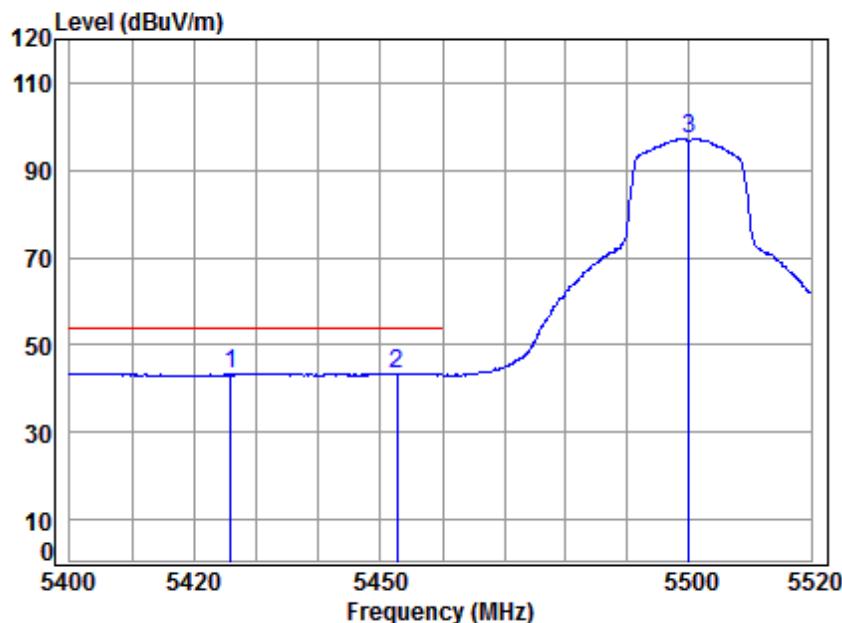
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5465.793	8.80	34.41	38.40	56.16	60.97	68.20	-7.23	Peak
2	5470.000	8.81	34.41	38.40	51.80	56.62	68.20	-11.58	Peak
3 *	5500.000	8.85	34.40	38.40	98.97	103.82	68.20	35.62	Peak

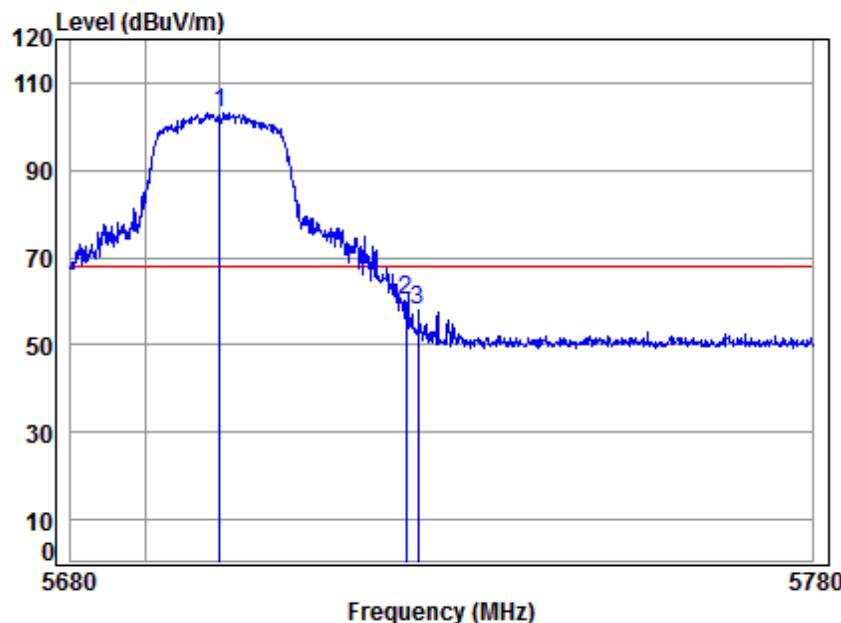
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11N20

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5425.816	8.74	34.41	38.41	38.55	43.29	54.00	-10.71 Average
2	5452.595	8.78	34.41	38.40	38.75	43.54	54.00	-10.46 Average
3	5500.000	8.85	34.40	38.40	92.54	97.39	-----	----- Average

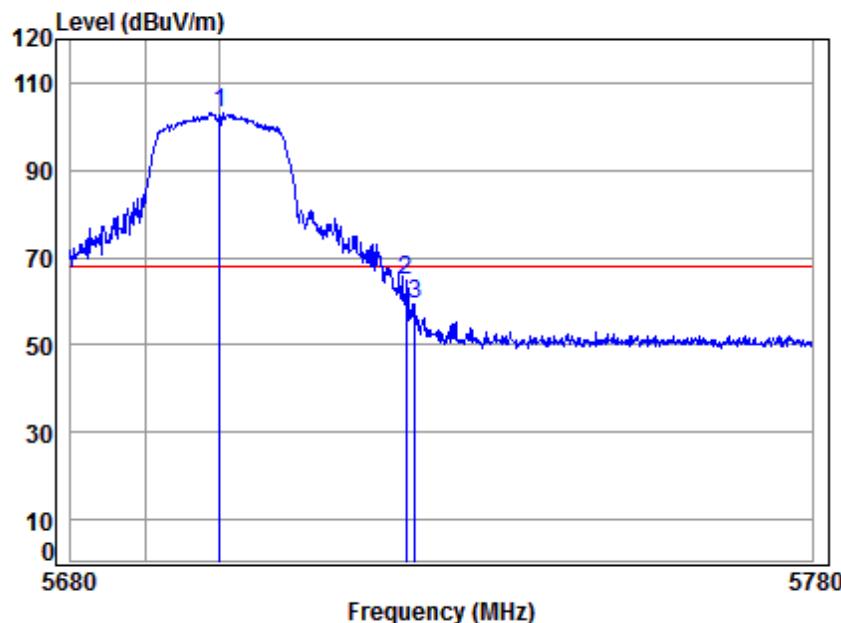
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1 *	5700.000	9.56	34.52	38.36	97.54	103.26	68.20	35.06	peak
2	5725.000	9.64	34.54	38.35	54.22	60.05	68.20	-8.15	peak
3	5726.683	9.65	34.54	38.35	51.90	57.74	68.20	-10.46	peak

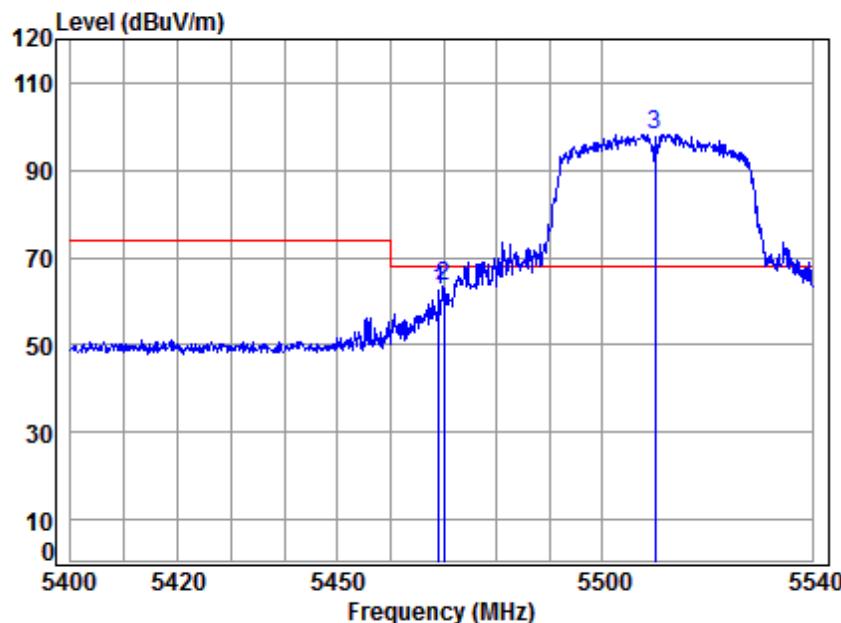
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11N20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 *	5700.000	9.56	34.52	38.36	97.46	103.18	68.20	34.98 Peak
2	5725.000	9.64	34.54	38.35	58.79	64.62	68.20	-3.58 Peak
3	5726.183	9.65	34.54	38.35	53.64	59.48	68.20	-8.72 Peak

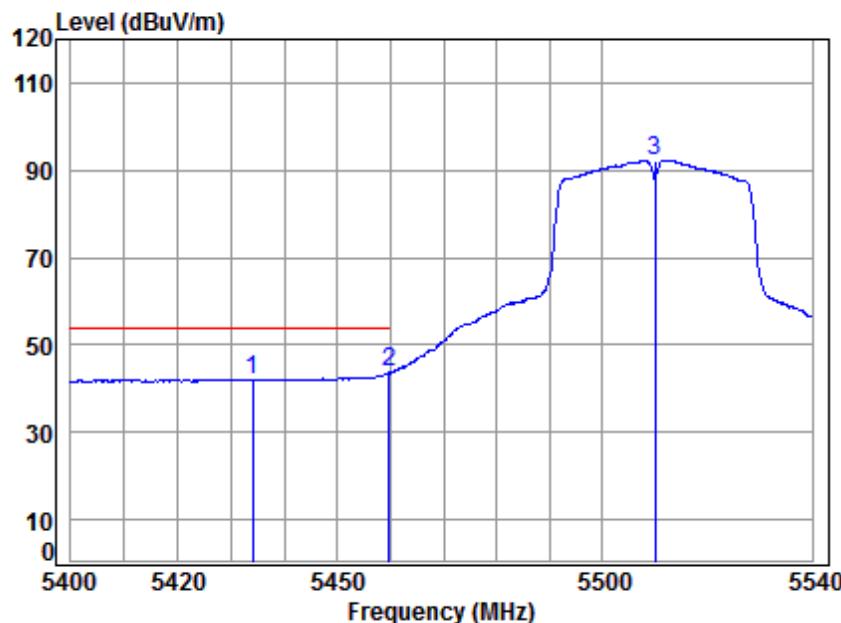
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5468.992	8.80	34.41	38.40	57.54	62.35	68.20	-5.85	peak
2	5470.000	8.81	34.41	38.40	58.57	63.39	68.20	-4.81	peak
3 *	5510.000	8.89	34.41	38.39	93.39	98.30	68.20	30.10	peak

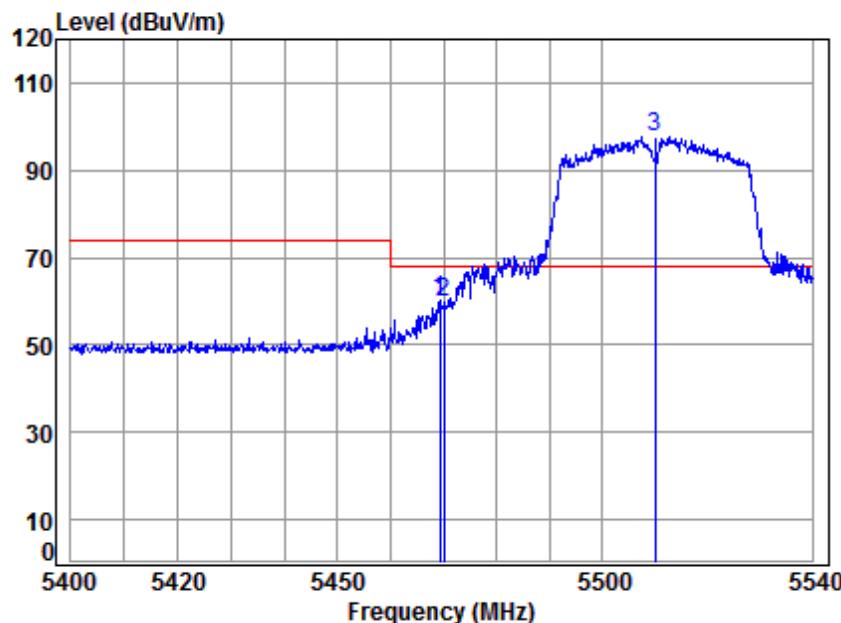
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5433.969	8.75	34.41	38.41	37.30	42.05	54.00	-11.95	Average
2	5459.761	8.79	34.41	38.40	38.88	43.68	54.00	-10.32	Average
3	5510.000	8.89	34.41	38.39	87.40	92.31	-----	-----	Average

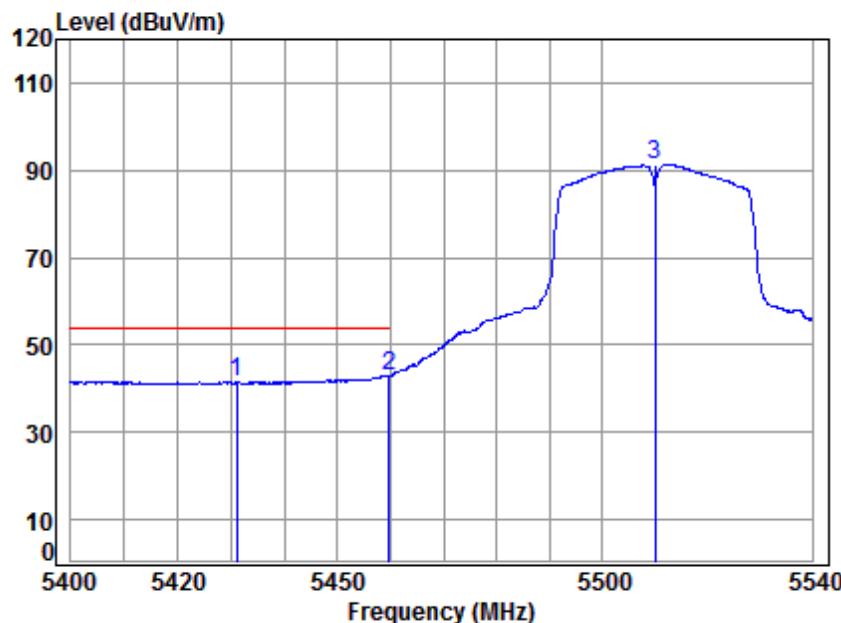
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.272	8.81	34.41	38.40	55.49	60.31	68.20	-7.89	Peak
2	5470.000	8.81	34.41	38.40	55.05	59.87	68.20	-8.33	Peak
3 *	5510.000	8.89	34.41	38.39	92.73	97.64	68.20	29.44	Peak

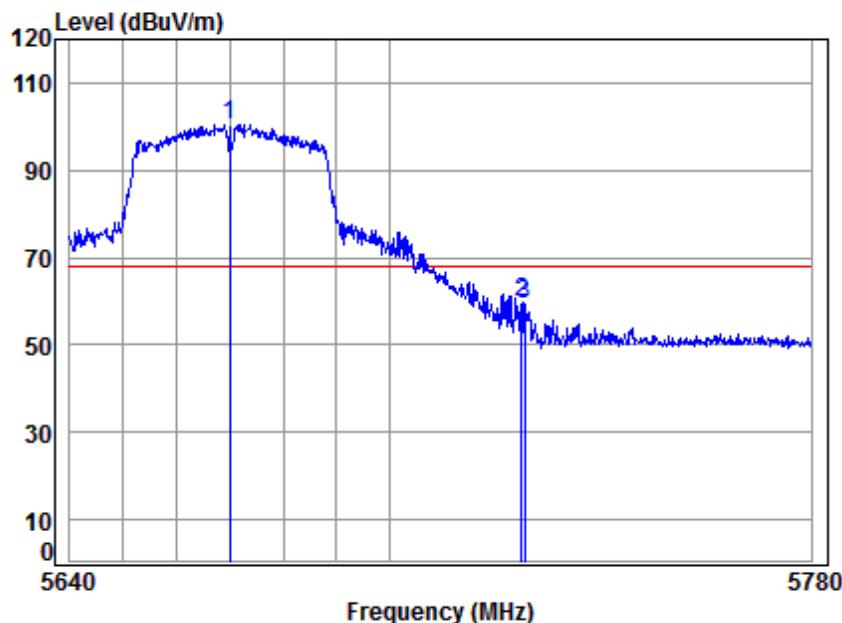
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5431.049	8.75	34.41	38.41	36.72	41.47	54.00	-12.53	Average
2	5459.622	8.79	34.41	38.40	38.29	43.09	54.00	-10.91	Average
3	5510.000	8.89	34.41	38.39	86.46	91.37	-----	-----	Average

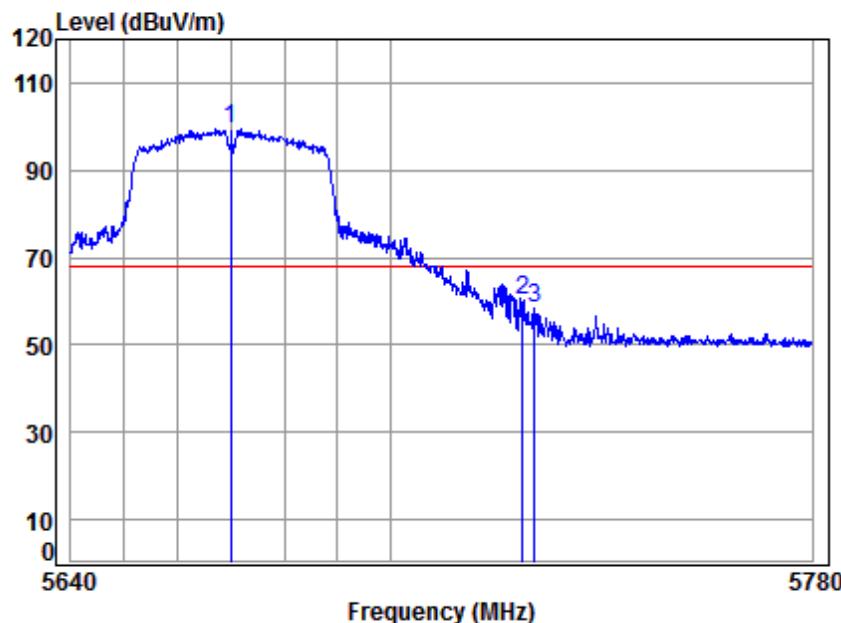
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5670 Band edge  
Note : 5G WiFi 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 * 5670.000	9.45	34.50	38.36	94.87	100.46	68.20	32.26 peak
2 5725.000	9.64	34.54	38.35	53.90	59.73	68.20	-8.47 peak
3 5725.553	9.64	34.54	38.35	53.49	59.32	68.20	-8.88 peak

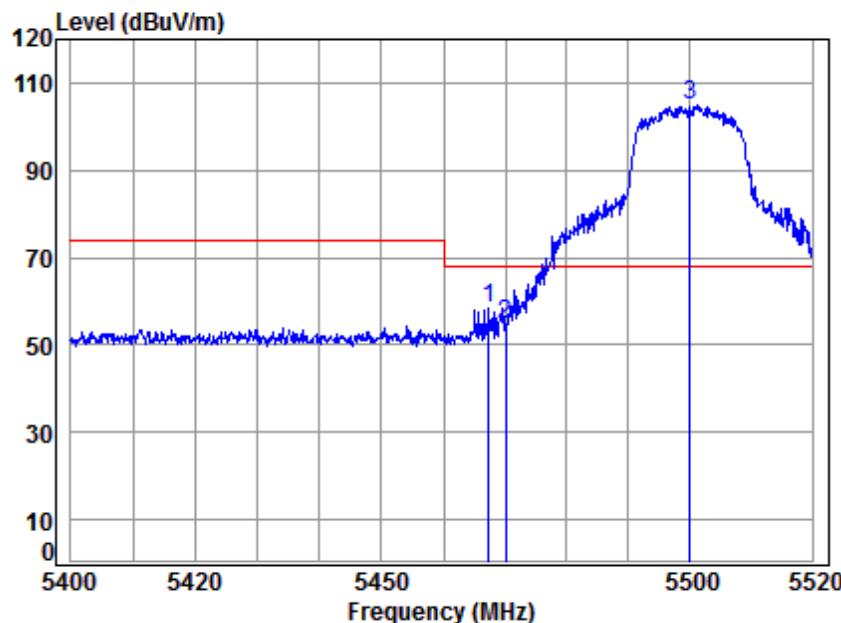
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5670 Band edge  
Note : 5G WiFi 11N40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 *	5670.000	9.45	34.50	38.36	93.79	99.38	68.20 31.18 Peak
2	5725.000	9.64	34.54	38.35	54.58	60.41	68.20 -7.79 Peak
3	5727.097	9.65	34.54	38.35	52.39	58.23	68.20 -9.97 Peak

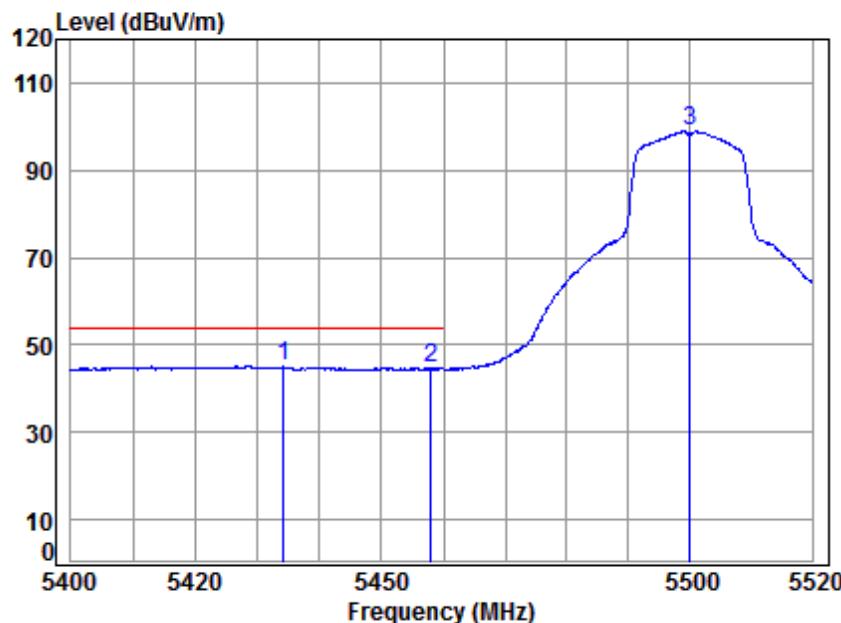
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
 Condition: 3m HORIZONTAL  
 Job No : 11126CR  
 Mode : 5500 Band edge  
 Note : 5G WiFi 11AC20

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
1	5467.355	8.80	34.41	38.40	53.78	58.59	68.20	-9.61 peak
2	5470.000	8.81	34.41	38.40	50.00	54.82	68.20	-13.38 peak
3 *	5500.000	8.85	34.40	38.40	100.03	104.88	68.20	36.68 peak

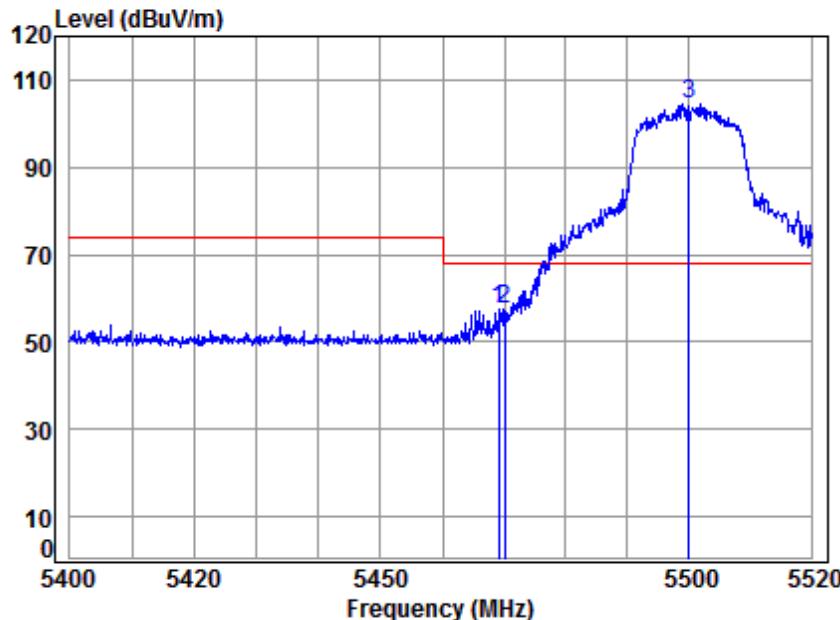
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11AC20

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5434.170	8.75	34.41	38.41	40.27	45.02	54.00	-8.98 Average
2	5457.991	8.79	34.41	38.40	39.99	44.79	54.00	-9.21 Average
3	5500.000	8.85	34.40	38.40	94.06	98.91	-----	Average

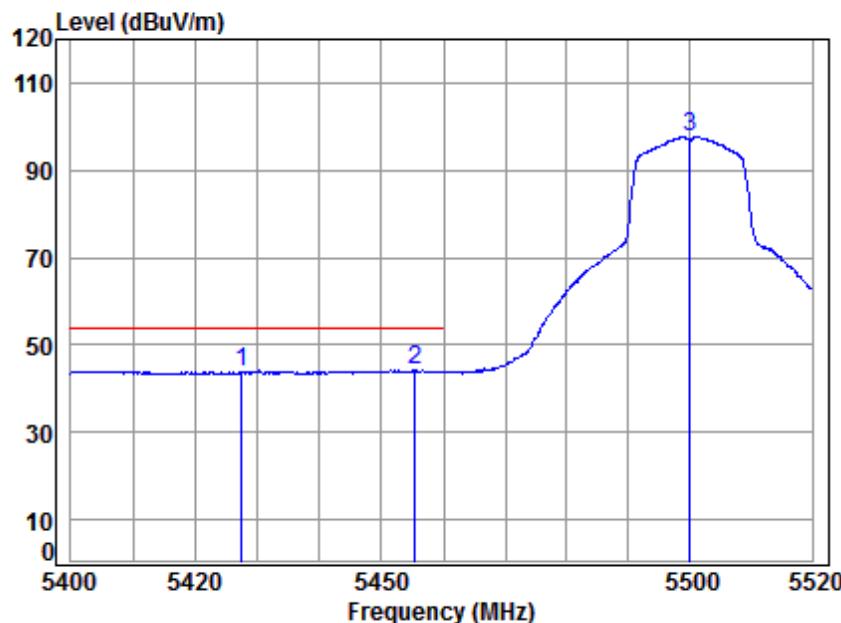
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.038	8.80	34.41	38.40	52.46	57.27	68.20	-10.93	Peak
2	5470.000	8.81	34.41	38.40	52.48	57.30	68.20	-10.90	Peak
3 *	5500.000	8.85	34.40	38.40	99.60	104.45	68.20	36.25	Peak

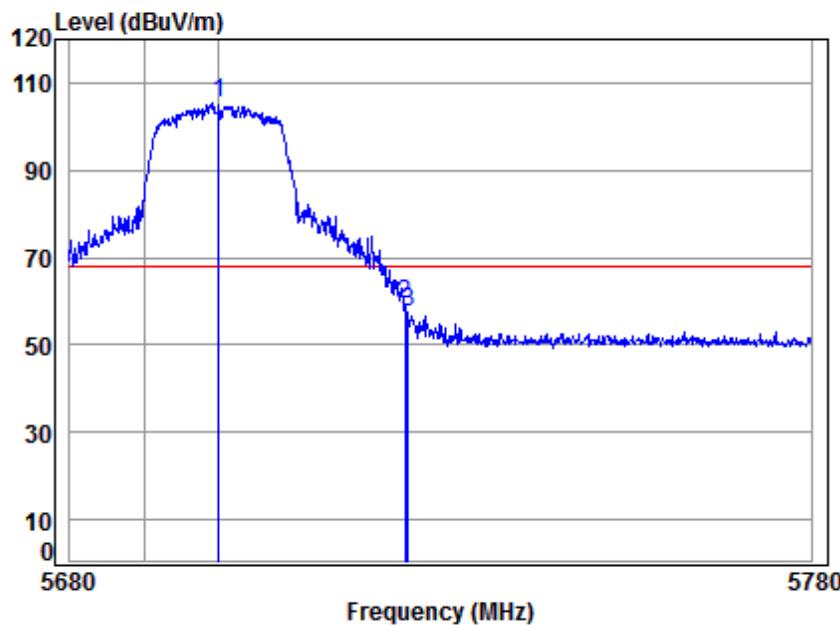
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5500 Band edge  
Note : 5G WiFi 11AC20

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5427.367	8.74	34.41	38.41	39.06	43.80	54.00	-10.20 Average
2	5455.472	8.79	34.41	38.40	39.38	44.18	54.00	-9.82 Average
3	5500.000	8.85	34.40	38.40	92.77	97.62	-----	Average

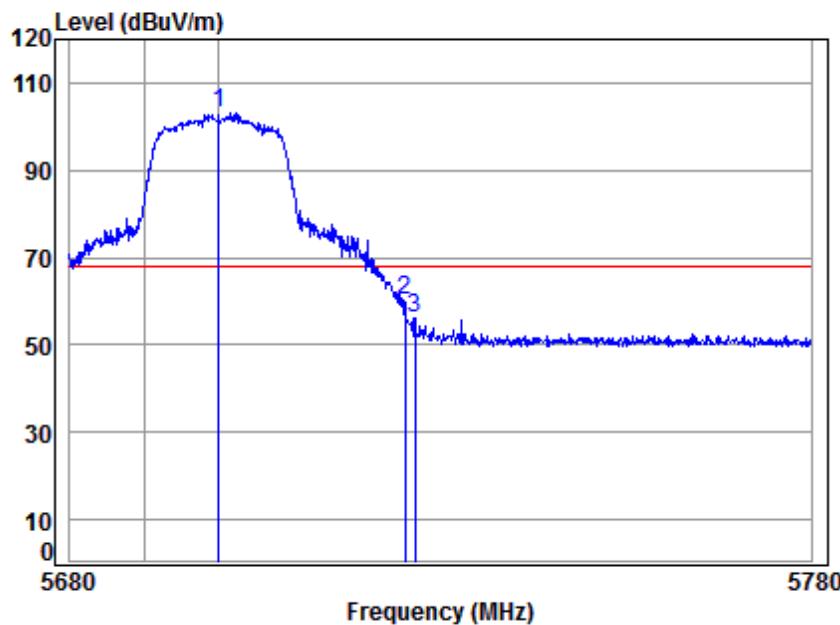
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1 *	5700.000	9.56	34.52	38.36	99.54	105.26	68.20	37.06	peak
2	5725.000	9.64	34.54	38.35	53.70	59.53	68.20	-8.67	peak
3	5725.483	9.64	34.54	38.35	51.73	57.56	68.20	-10.64	peak

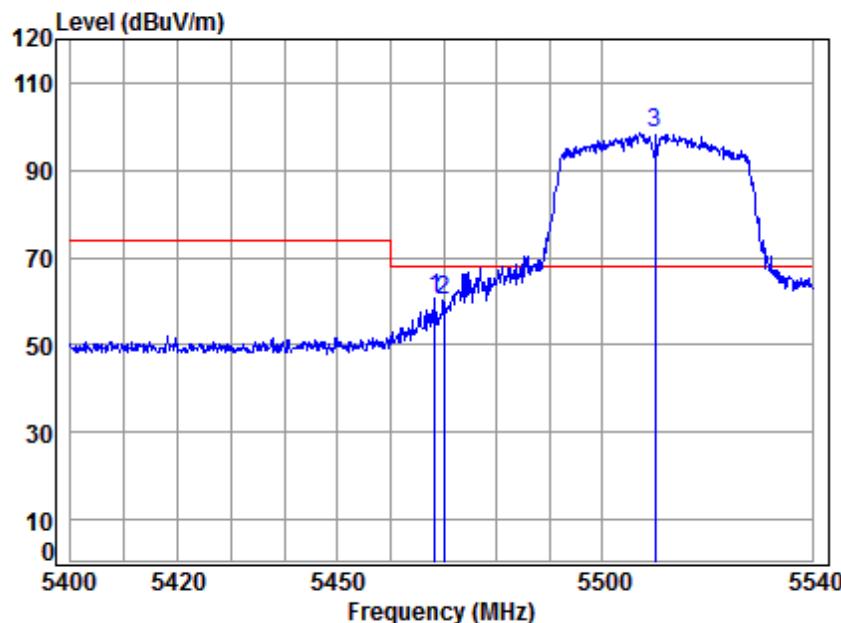
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5700 Band edge  
Note : 5G WiFi 11AC20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 *	5700.000	9.56	34.52	38.36	97.22	102.94	68.20	34.74 Peak
2	5725.000	9.64	34.54	38.35	54.47	60.30	68.20	-7.90 Peak
3	5726.383	9.65	34.54	38.35	50.14	55.98	68.20	-12.22 Peak

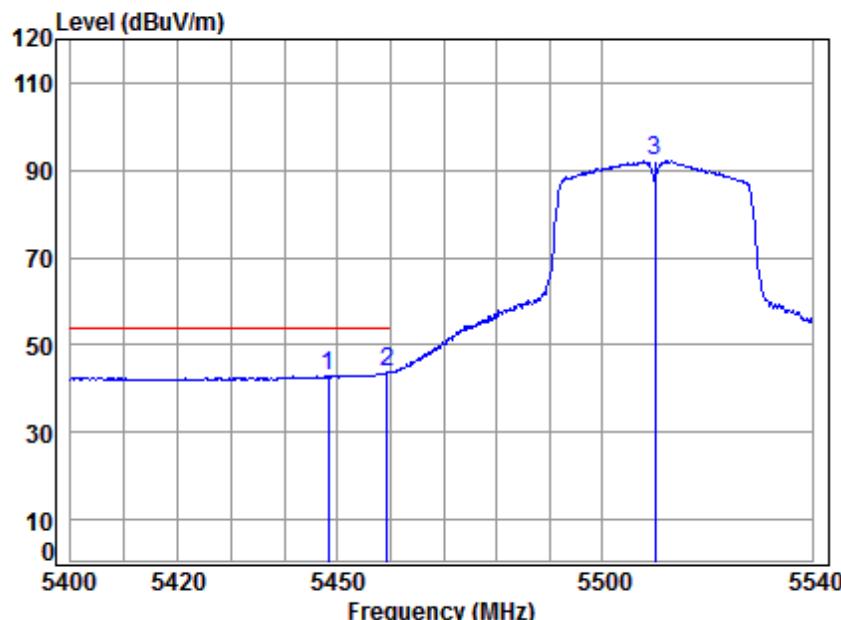
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5468.292	8.80	34.41	38.40	55.84	60.65	68.20	-7.55	peak
2	5470.000	8.81	34.41	38.40	55.43	60.25	68.20	-7.95	peak
3 *	5510.000	8.89	34.41	38.39	93.58	98.49	68.20	30.29	peak

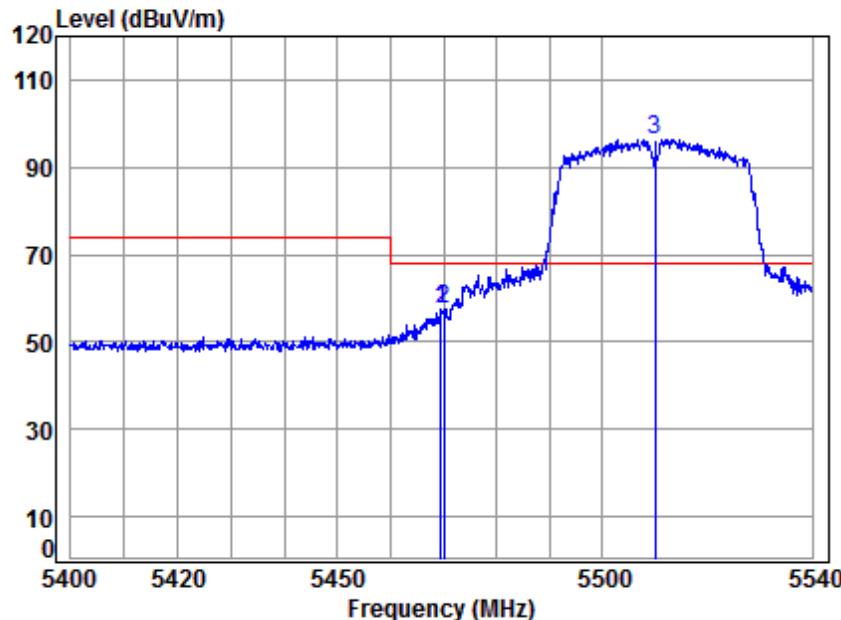
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11AC40

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5448.174	8.77	34.41	38.41	38.06	42.83	54.00	-11.17 Average
2	5459.342	8.79	34.41	38.40	38.86	43.66	54.00	-10.34 Average
3	5510.000	8.89	34.41	38.39	87.26	92.17	-----	----- Average

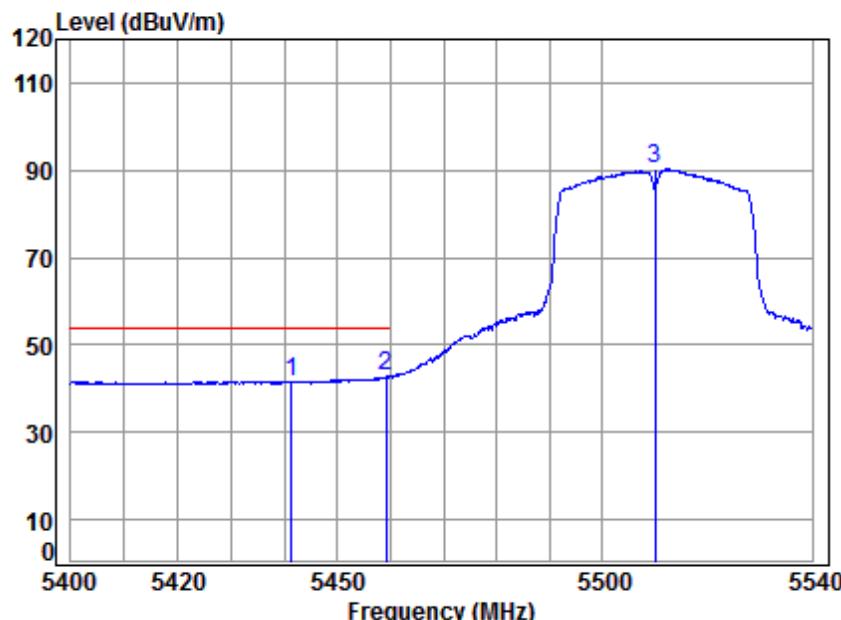
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.552	8.81	34.41	38.40	52.55	57.37	68.20	-10.83	Peak
2	5470.000	8.81	34.41	38.40	52.59	57.41	68.20	-10.79	Peak
3 *	5510.000	8.89	34.41	38.39	91.48	96.39	68.20	28.19	Peak

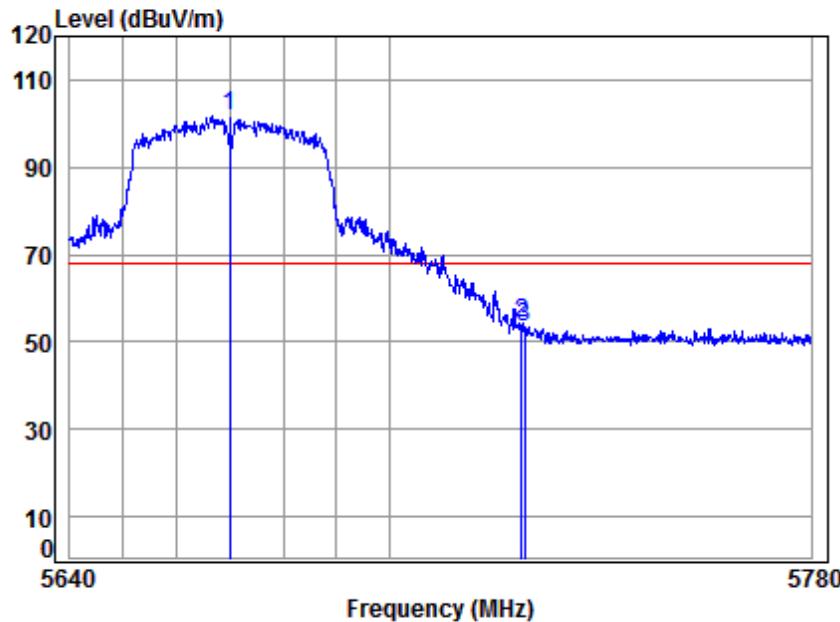
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5510 Band edge  
Note : 5G WiFi 11AC40

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5441.346	8.76	34.41	38.41	36.99	41.75	54.00	-12.25 Average
2	5459.202	8.79	34.41	38.40	37.91	42.71	54.00	-11.29 Average
3	5510.000	8.89	34.41	38.39	85.34	90.25	-----	Average

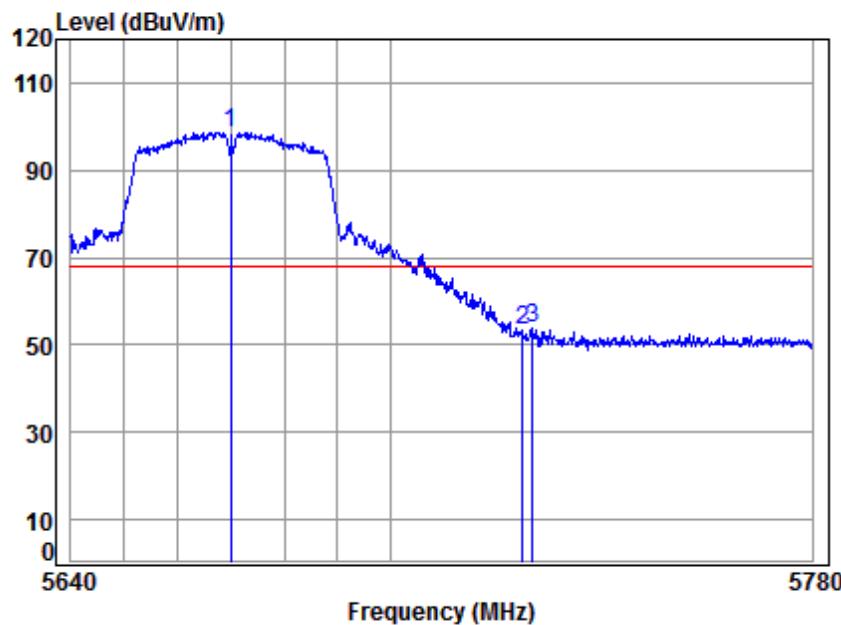
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5670 Band edge  
Note : 5G WiFi 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 *	5670.000	9.45	34.50	38.36	95.99	101.58	68.20 33.38 peak
2	5725.000	9.64	34.54	38.35	48.38	54.21	68.20 -13.99 peak
3	5725.553	9.64	34.54	38.35	47.42	53.25	68.20 -14.95 peak

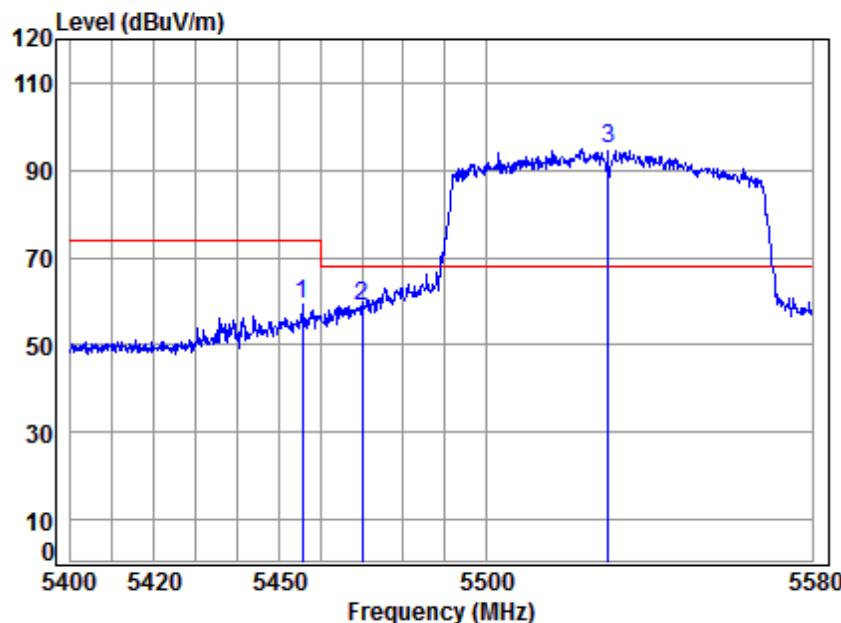
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5670 Band edge  
Note : 5G WiFi 11AC40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 *	5670.000	9.45	34.50	38.36	93.11	98.70	68.20 30.50 Peak
2	5725.000	9.64	34.54	38.35	47.48	53.31	68.20 -14.89 Peak
3	5726.816	9.65	34.54	38.35	48.08	53.92	68.20 -14.28 Peak

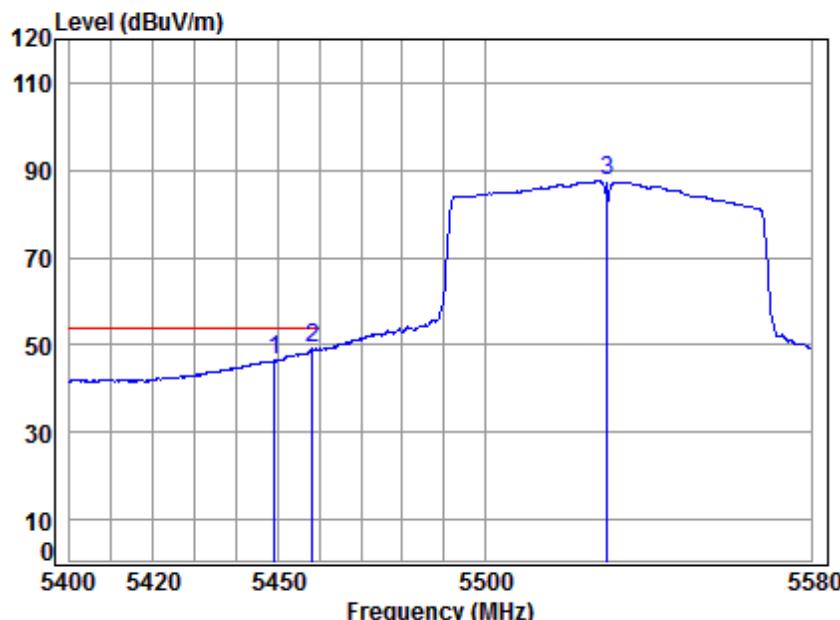
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5530 Band edge  
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5455.528	8.79	34.41	38.40	54.33	59.13	74.00	-14.87	peak
2	5470.000	8.81	34.41	38.40	53.95	58.77	68.20	-9.43	peak
3 *	5530.000	8.96	34.42	38.39	89.82	94.81	68.20	26.61	peak

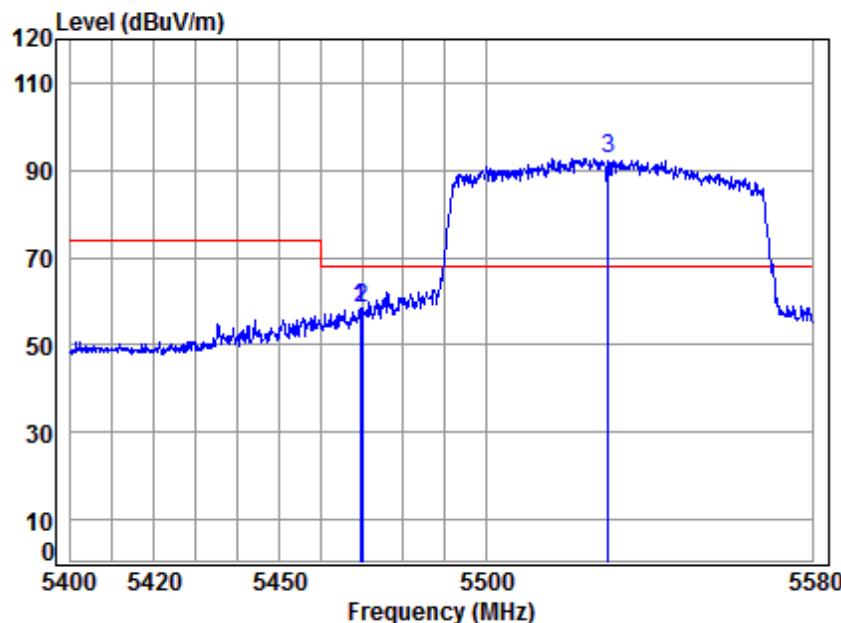
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5530 Band edge  
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5449.092	8.78	34.41	38.41	41.78	46.56	54.00	-7.44	Average
2	5458.212	8.79	34.41	38.40	44.27	49.07	54.00	-4.93	Average
3	5530.000	8.96	34.42	38.39	82.56	87.55	-----	-----	Average

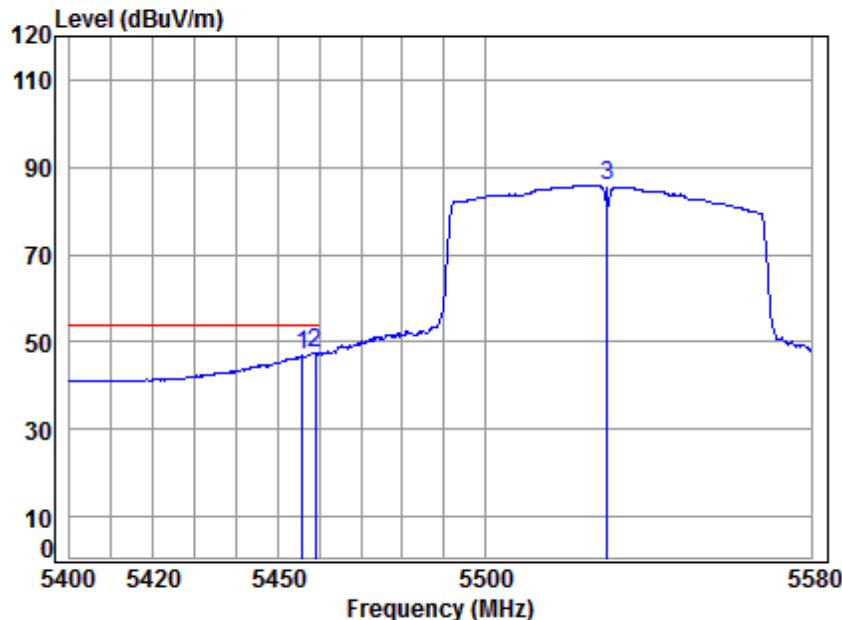
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5530 Band edge  
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5469.499	8.81	34.41	38.40	53.63	58.45	68.20	-9.75	Peak
2	5470.000	8.81	34.41	38.40	53.81	58.63	68.20	-9.57	Peak
3 *	5530.000	8.96	34.42	38.39	87.81	92.80	68.20	24.60	Peak

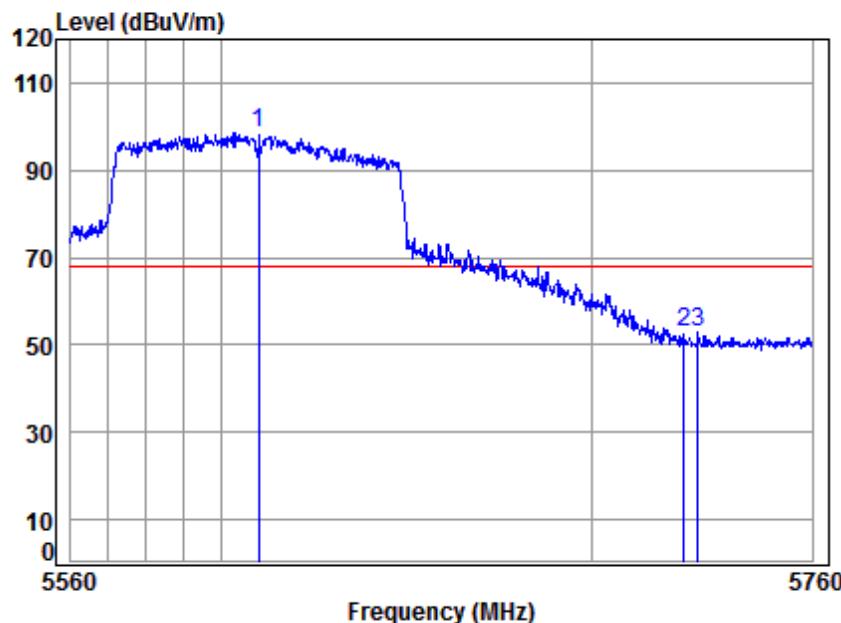
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5530 Band edge  
Note : 5G WiFi 11AC80

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5455.886	8.79	34.41	38.40	41.98	46.78	54.00	-7.22 Average
2	5458.928	8.79	34.41	38.40	42.82	47.62	54.00	-6.38 Average
3	5530.000	8.96	34.42	38.39	80.82	85.81	-----	Average

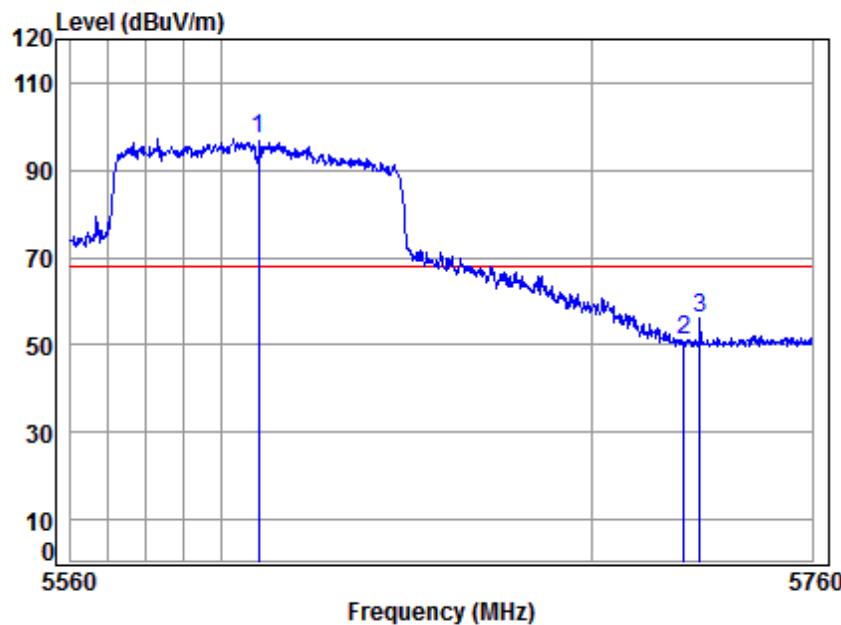
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5610 Band edge  
Note : 5G WiFi 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1 * 5610.000	9.24	34.47	38.37	93.20	98.54	68.20	30.34 peak
2 5725.000	9.64	34.54	38.35	46.88	52.71	68.20	-15.49 peak
3 5728.738	9.66	34.54	38.35	46.86	52.71	68.20	-15.49 peak

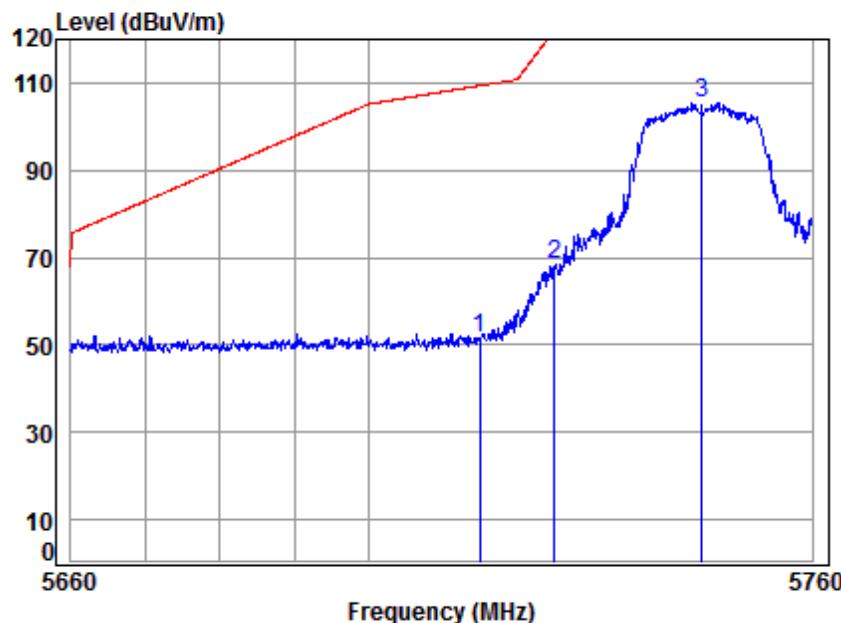
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5610 Band edge  
Note : 5G WiFi 11AC80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1 * 5610.000	9.24	34.47	38.37	92.03	97.37	68.20	29.17	Peak
2 5725.000	9.64	34.54	38.35	45.17	51.00	68.20	-17.20	Peak
3 5729.345	9.66	34.54	38.35	50.15	56.00	68.20	-12.20	Peak

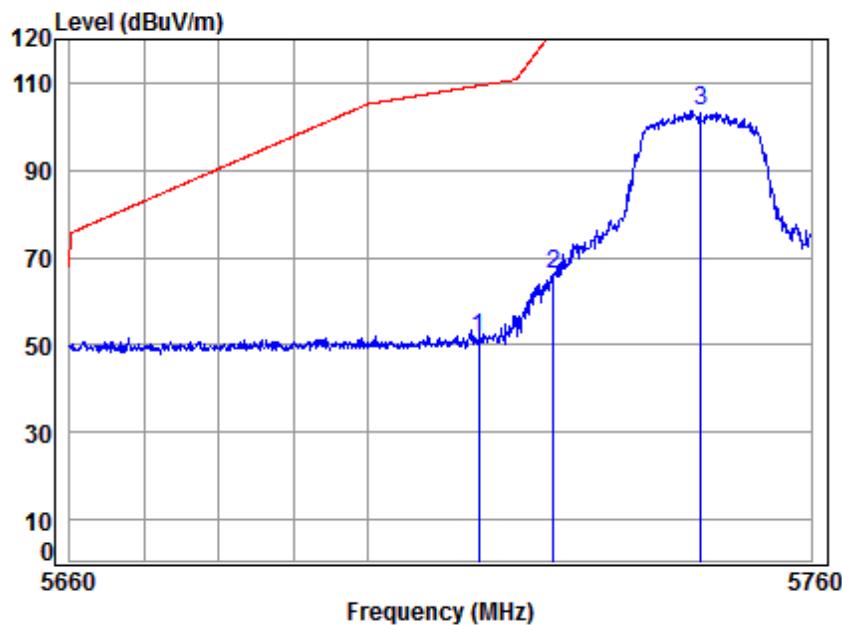
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	45.75	51.54	109.40	-57.86	peak
2	5725.000	9.64	34.54	38.35	62.68	68.51	122.20	-53.69	peak
3	5745.000	9.71	34.55	38.35	99.48	105.39	125.20	-19.81	peak

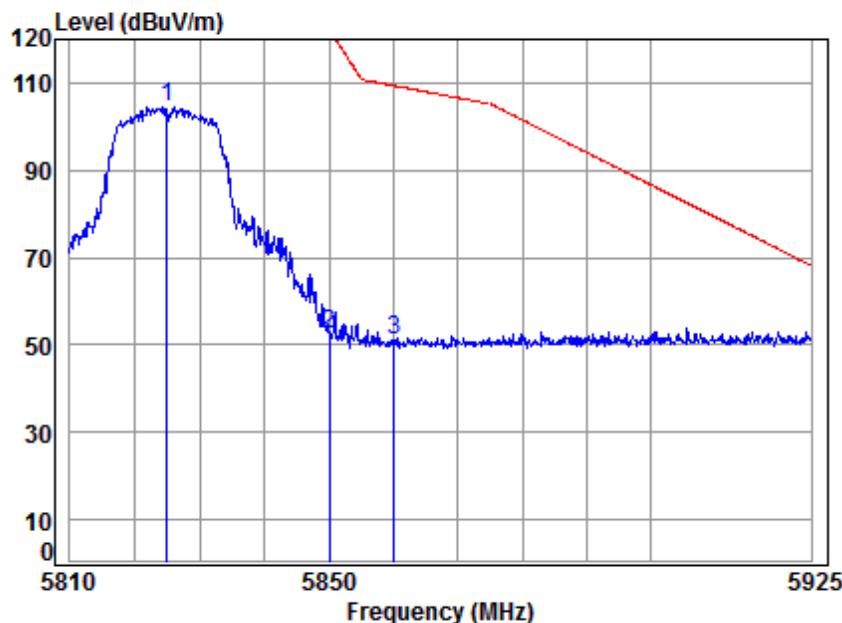
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	45.82	51.61	109.40	-57.79	peak
2	5725.000	9.64	34.54	38.35	60.54	66.37	122.20	-55.83	peak
3	5745.000	9.71	34.55	38.35	97.75	103.66	125.20	-21.54	peak

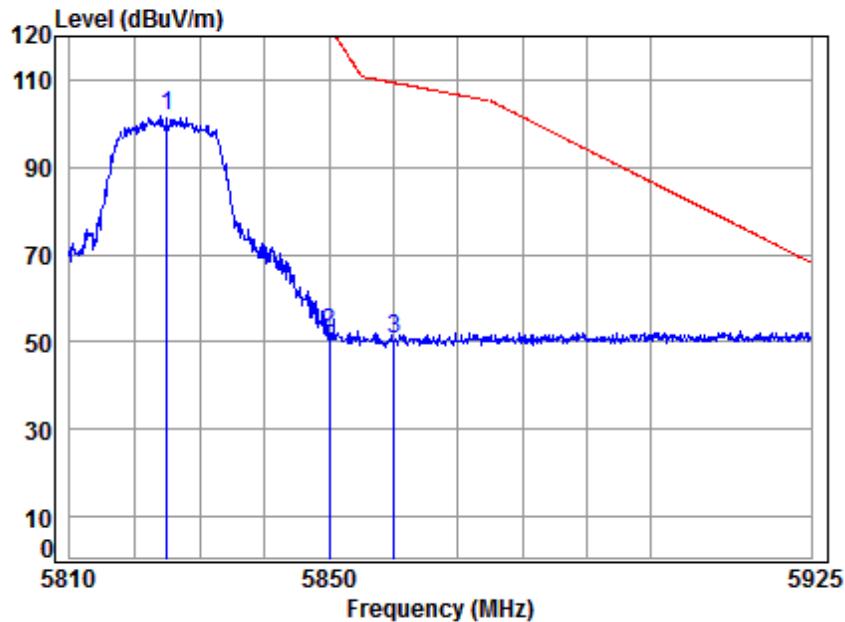
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	98.42	104.67	125.20	-20.53	peak
2	5850.000	10.07	34.61	38.33	46.01	52.36	122.20	-69.84	peak
3	5860.000	10.10	34.62	38.33	44.90	51.29	109.40	-58.11	peak

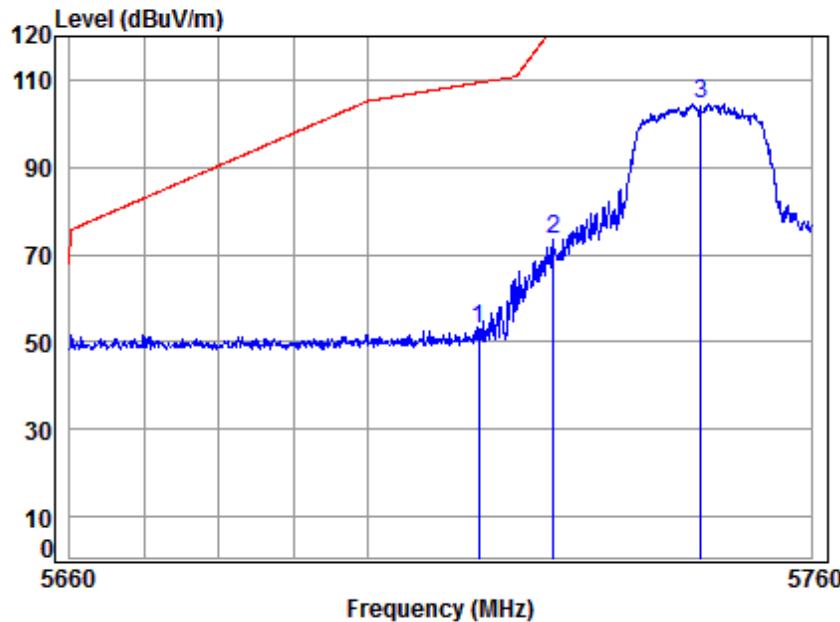
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	95.34	101.59	125.20	-23.61	peak
2	5850.000	10.07	34.61	38.33	45.49	51.84	122.20	-70.36	peak
3	5860.000	10.10	34.62	38.33	44.31	50.70	109.40	-58.70	peak

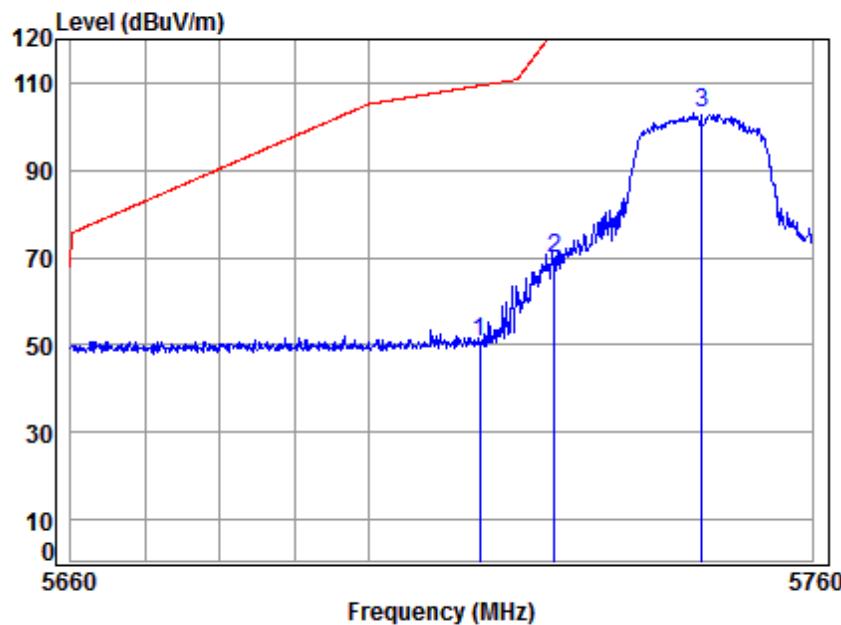
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	47.05	52.84	109.40	-56.56	peak
2	5725.000	9.64	34.54	38.35	67.70	73.53	122.20	-48.67	peak
3	5745.000	9.71	34.55	38.35	98.76	104.67	125.20	-20.53	peak

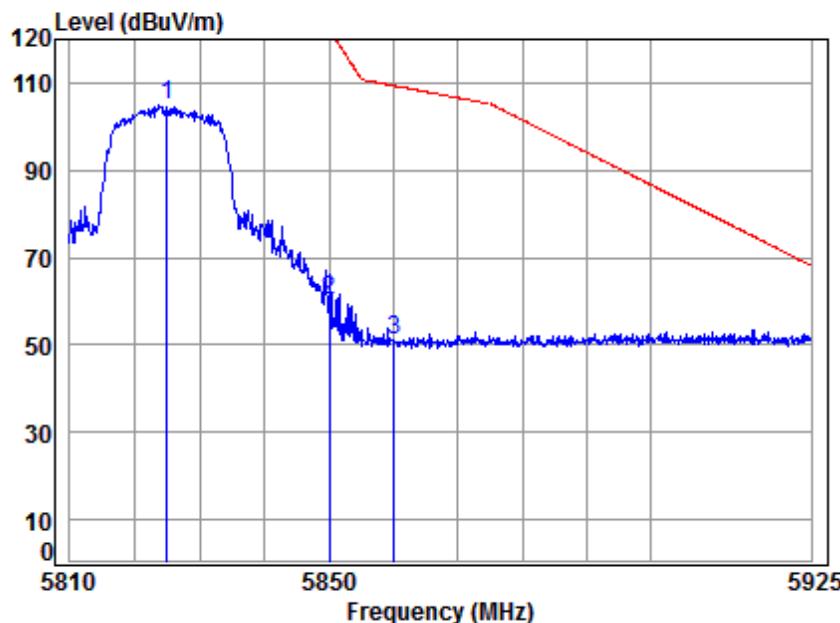
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	44.72	50.51	109.40	-58.89	peak
2	5725.000	9.64	34.54	38.35	64.07	69.90	122.20	-52.30	peak
3	5745.000	9.71	34.55	38.35	97.04	102.95	125.20	-22.25	peak

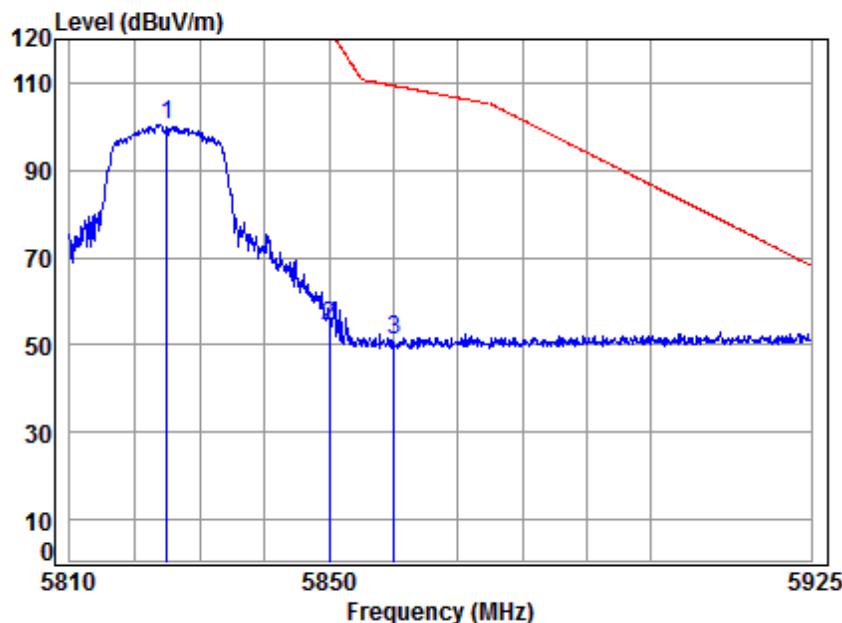
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	98.50	104.75	125.20	-20.45	peak
2	5850.000	10.07	34.61	38.33	53.78	60.13	122.20	-62.07	peak
3	5860.000	10.10	34.62	38.33	44.85	51.24	109.40	-58.16	peak

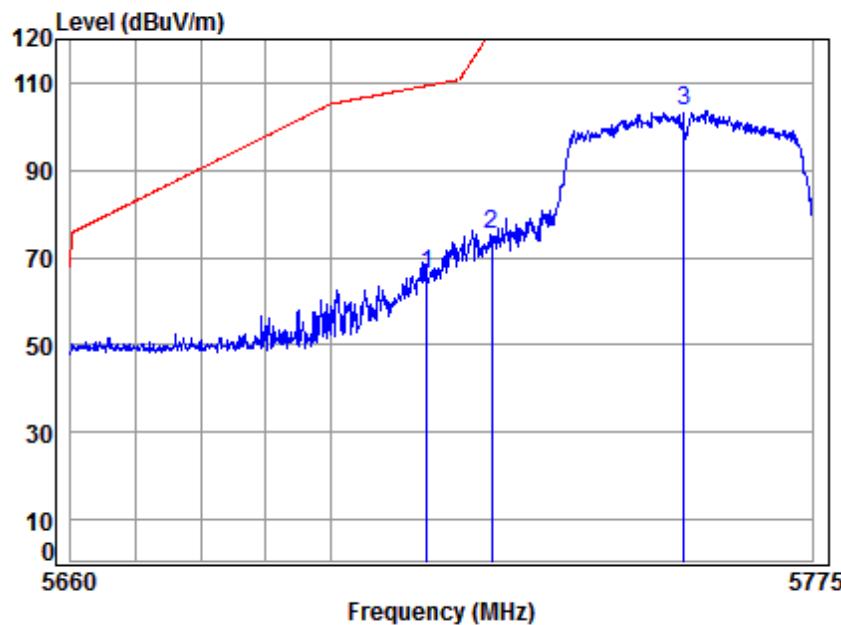
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	94.35	100.60	125.20	-24.60	peak
2	5850.000	10.07	34.61	38.33	47.92	54.27	122.20	-67.93	peak
3	5860.000	10.10	34.62	38.33	44.63	51.02	109.40	-58.38	peak

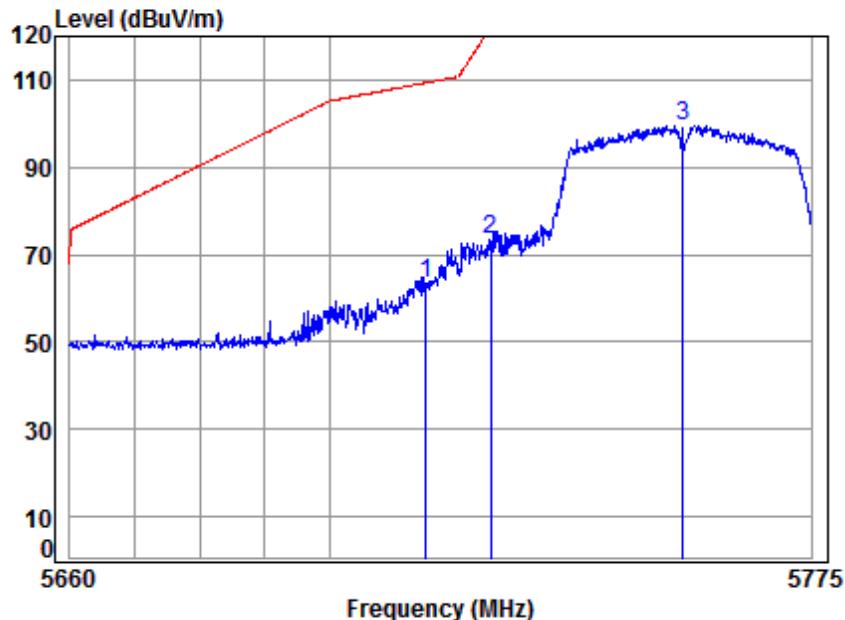
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5755 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	60.32	66.11	109.40	-43.29	peak
2	5725.000	9.64	34.54	38.35	69.67	75.50	122.20	-46.70	peak
3	5755.000	9.75	34.56	38.35	97.53	103.49	125.20	-21.71	peak

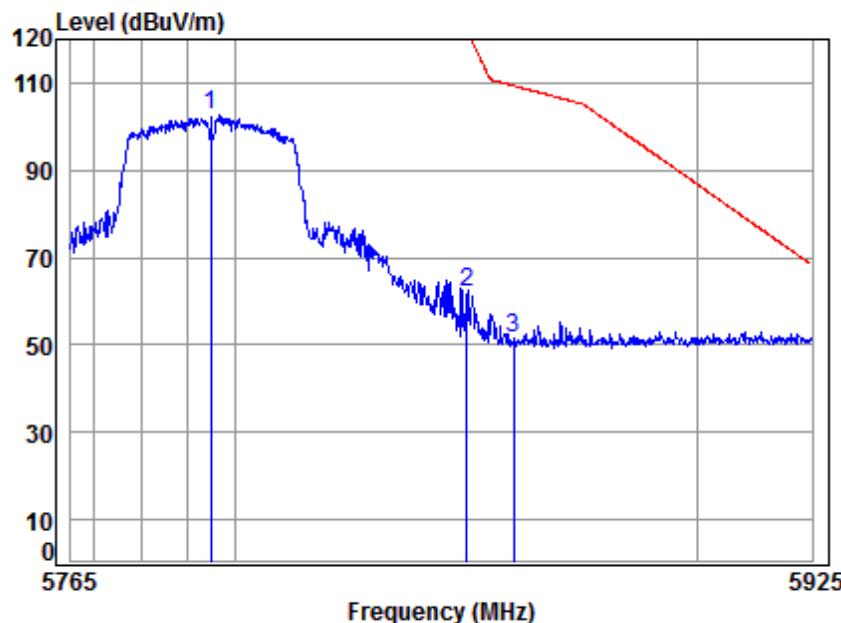
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5755 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	57.76	63.55	109.40	-45.85	peak
2	5725.000	9.64	34.54	38.35	67.75	73.58	122.20	-48.62	peak
3	5755.000	9.75	34.56	38.35	93.64	99.60	125.20	-25.60	peak

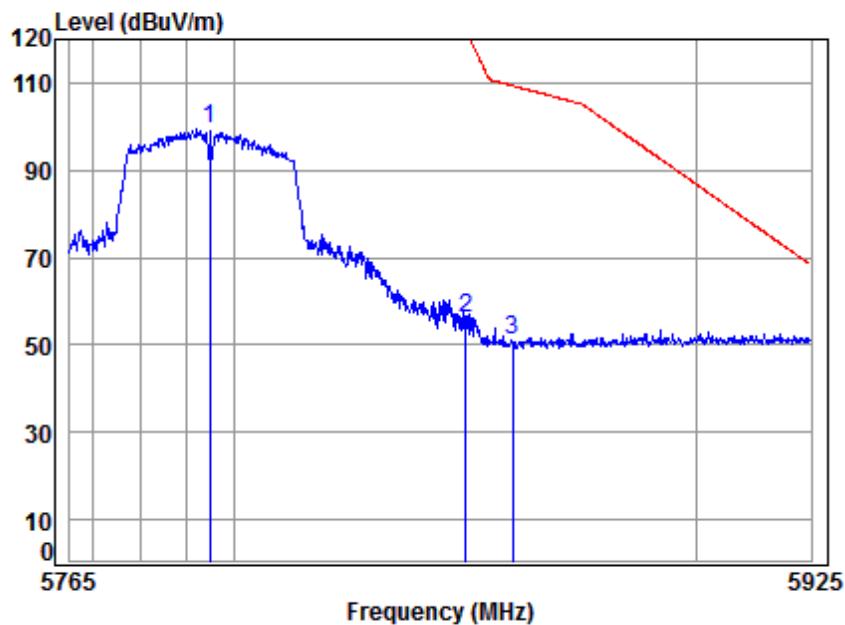
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5795 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.58	38.34	96.70	102.82	125.20	-22.38	peak
2	5850.000	10.07	34.61	38.33	55.82	62.17	122.20	-60.03	peak
3	5860.000	10.10	34.62	38.33	45.23	51.62	109.40	-57.78	peak

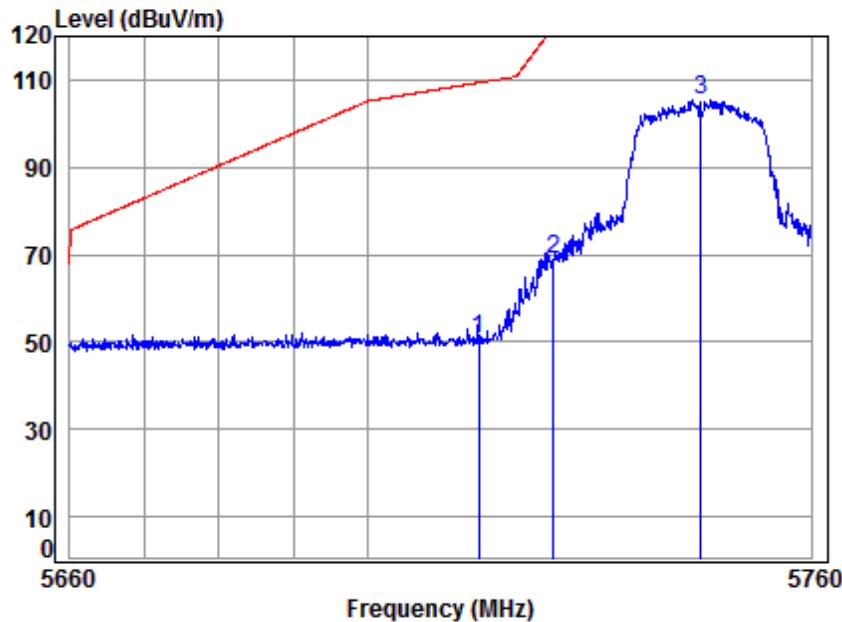
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5795 Band edge  
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.58	38.34	93.33	99.45	125.20	-25.75	peak
2	5850.000	10.07	34.61	38.33	49.94	56.29	122.20	-65.91	peak
3	5860.000	10.10	34.62	38.33	44.60	50.99	109.40	-58.41	peak

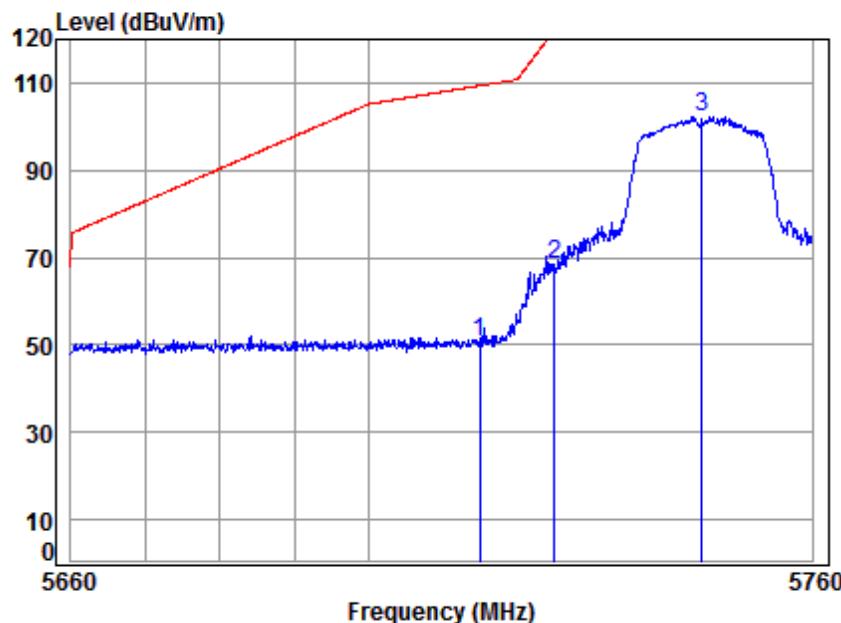
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	44.90	50.69	109.40	-58.71	peak
2	5725.000	9.64	34.54	38.35	63.17	69.00	122.20	-53.20	peak
3	5745.000	9.71	34.55	38.35	99.28	105.19	125.20	-20.01	peak

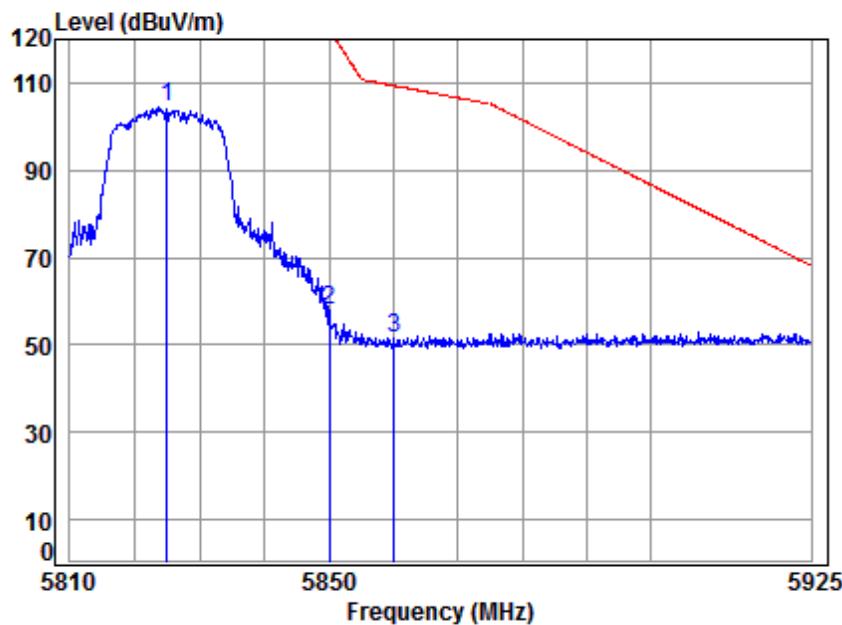
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5745 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	44.99	50.78	109.40	-58.62	peak
2	5725.000	9.64	34.54	38.35	62.79	68.62	122.20	-53.58	peak
3	5745.000	9.71	34.55	38.35	96.35	102.26	125.20	-22.94	peak

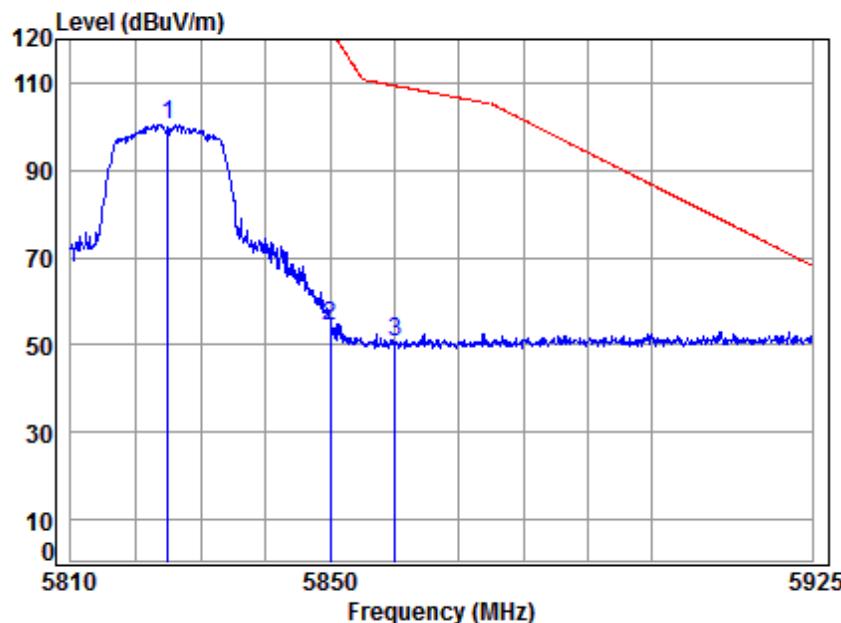
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	98.19	104.44	125.20	-20.76	peak
2	5850.000	10.07	34.61	38.33	51.73	58.08	122.20	-64.12	peak
3	5860.000	10.10	34.62	38.33	45.33	51.72	109.40	-57.68	peak

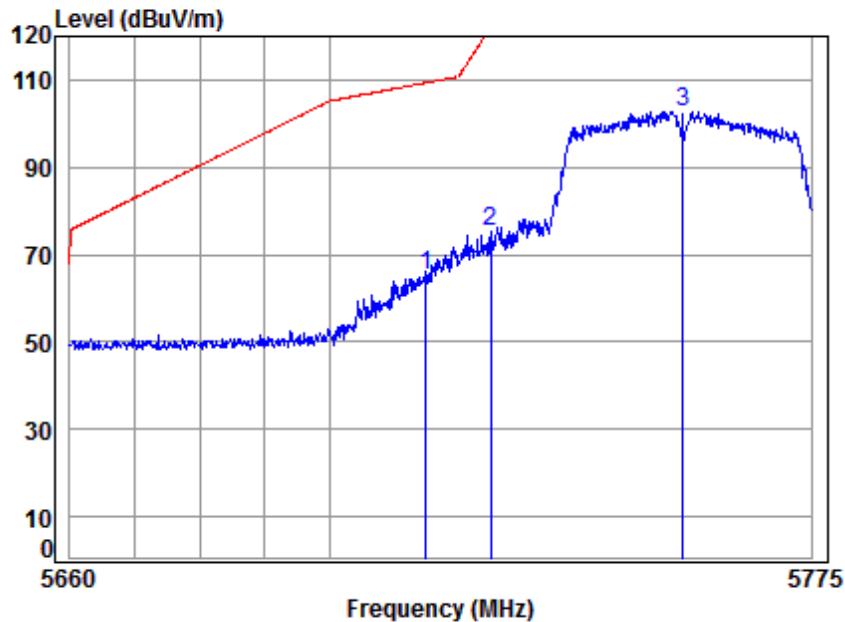
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5825 Band edge  
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.60	38.33	94.34	100.59	125.20	-24.61	peak
2	5850.000	10.07	34.61	38.33	47.91	54.26	122.20	-67.94	peak
3	5860.000	10.10	34.62	38.33	44.40	50.79	109.40	-58.61	peak

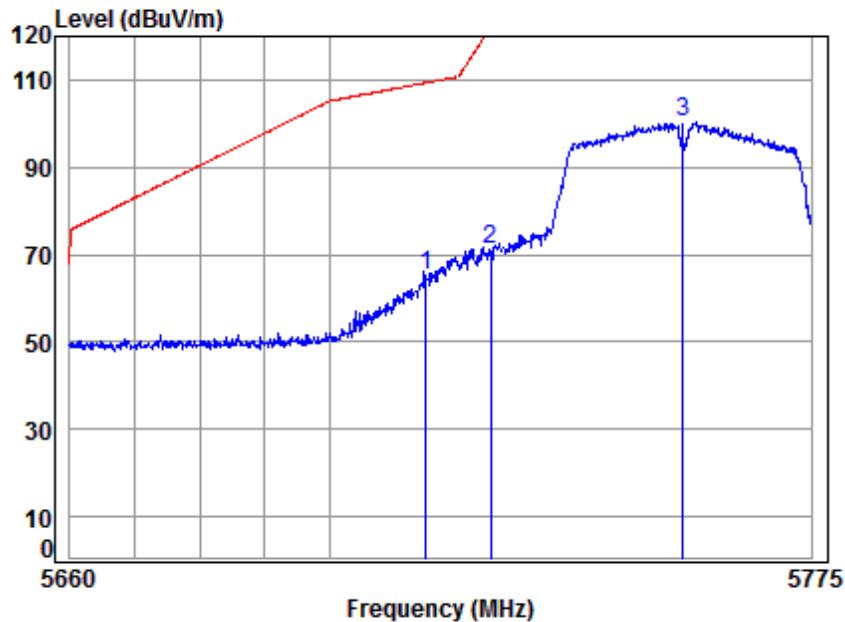
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5755 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	59.35	65.14	109.40	-44.26	peak
2	5725.000	9.64	34.54	38.35	69.31	75.14	122.20	-47.06	peak
3	5755.000	9.75	34.56	38.35	96.76	102.72	125.20	-22.48	peak

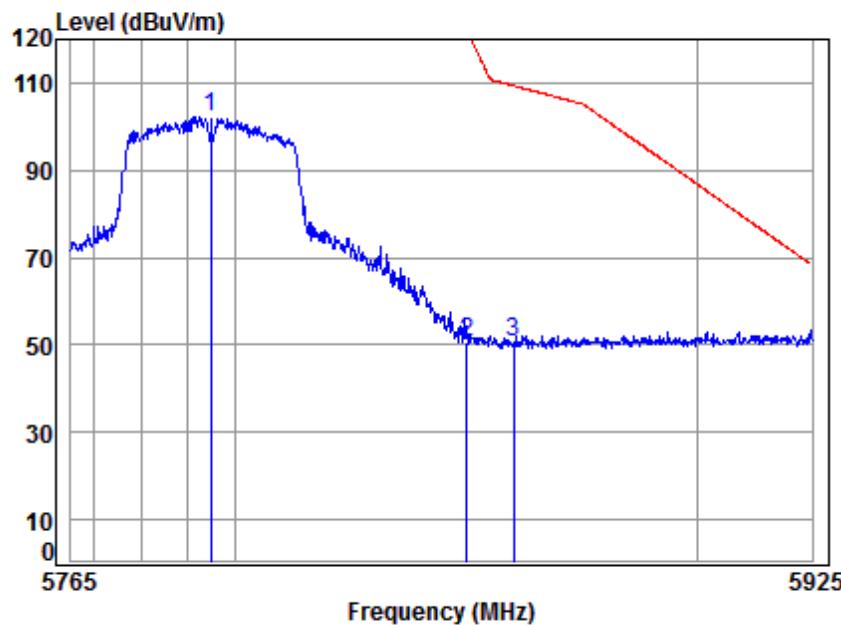
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5755 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.53	38.35	59.49	65.28	109.40	-44.12	peak
2	5725.000	9.64	34.54	38.35	65.56	71.39	122.20	-50.81	peak
3	5755.000	9.75	34.56	38.35	94.60	100.56	125.20	-24.64	peak

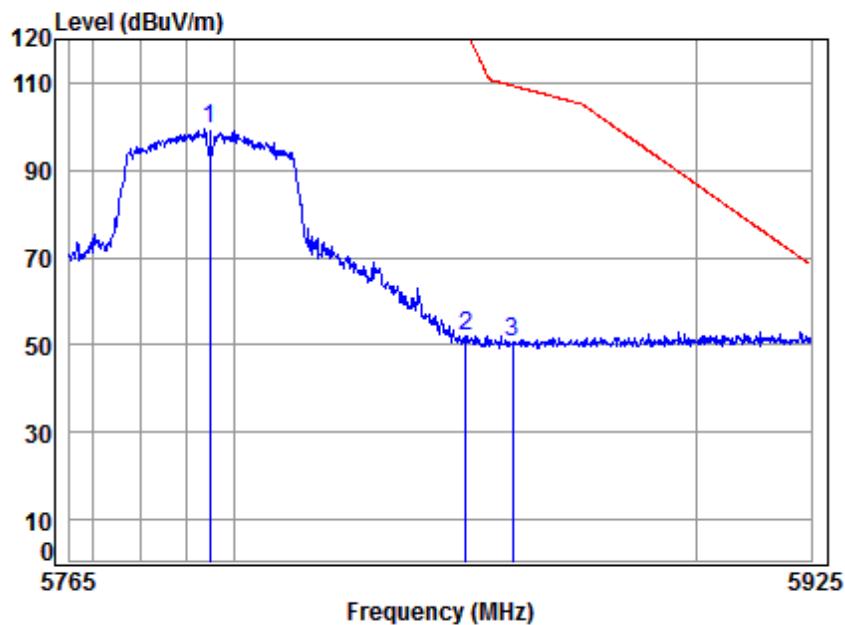
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 11126CR  
Mode : 5795 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.58	38.34	96.18	102.30	125.20	-22.90	peak
2	5850.000	10.07	34.61	38.33	44.28	50.63	122.20	-71.57	peak
3	5860.000	10.10	34.62	38.33	44.20	50.59	109.40	-58.81	peak

Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 11126CR  
Mode : 5795 Band edge  
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.58	38.34	93.14	99.26	125.20	-25.94	peak
2	5850.000	10.07	34.61	38.33	45.53	51.88	122.20	-70.32	peak
3	5860.000	10.10	34.62	38.33	44.42	50.81	109.40	-58.59	peak



## **7.10 Frequency Stability**

Test Requirement	47 CFR Part 15, Subpart C 15.407 (g)
Test Method:	ANSI C63.10 (2013) Section 6.8
Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
Conclusion:	Pass.  The applicant declares that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

## **8 Photographs**

### **8.1 Test Setup**

Please refer to setup photos.

### **8.2 EUT Constructional Details (EUT Photos)**

Please refer to external and internal photos for details.

## 9 Appendix

### 9.1 Appendix 15.407

#### 1.Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	25.920	---	PASS
11A	5200	Ant1	25.800	---	PASS
11A	5240	Ant1	26.100	---	PASS
11A	5260	Ant1	20.880	---	PASS
11A	5300	Ant1	20.940	---	PASS
11A	5320	Ant1	21.840	---	PASS
11A	5500	Ant1	20.490	---	PASS
11A	5580	Ant1	20.520	---	PASS
11A	5600	Ant1	20.790	---	PASS
11A	5700	Ant1	20.610	---	PASS
11A	5745	Ant1	15.150	>=0.5	PASS
11A	5785	Ant1	15.150	>=0.5	PASS
11A	5825	Ant1	15.180	>=0.5	PASS
11N20	5180	Ant1	21.750	---	PASS
11N20	5200	Ant1	21.000	---	PASS
11N20	5240	Ant1	20.760	---	PASS
11N20	5260	Ant1	20.850	---	PASS
11N20	5300	Ant1	20.700	---	PASS
11N20	5320	Ant1	21.840	---	PASS
11N20	5500	Ant1	20.670	---	PASS
11N20	5580	Ant1	20.520	---	PASS
11N20	5600	Ant1	22.680	---	PASS
11N20	5700	Ant1	22.080	---	PASS
11N20	5745	Ant1	15.180	>=0.5	PASS
11N20	5785	Ant1	15.120	>=0.5	PASS
11N20	5825	Ant1	15.150	>=0.5	PASS
11N40	5190	Ant1	40.920	---	PASS
11N40	5230	Ant1	41.040	---	PASS
11N40	5270	Ant1	41.340	---	PASS
11N40	5310	Ant1	40.980	---	PASS
11N40	5510	Ant1	41.160	---	PASS
11N40	5550	Ant1	40.740	---	PASS
11N40	5590	Ant1	45.360	---	PASS
11N40	5670	Ant1	49.920	---	PASS
11N40	5755	Ant1	35.220	>=0.5	PASS
11N40	5795	Ant1	35.220	>=0.5	PASS



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11AC20	5180	Ant1	21.360	---	PASS
11AC20	5200	Ant1	20.970	---	PASS
11AC20	5240	Ant1	20.670	---	PASS
11AC20	5260	Ant1	20.520	---	PASS
11AC20	5300	Ant1	21.960	---	PASS
11AC20	5320	Ant1	22.320	---	PASS
11AC20	5500	Ant1	20.340	---	PASS
11AC20	5580	Ant1	20.340	---	PASS
11AC20	5600	Ant1	20.430	---	PASS
11AC20	5700	Ant1	20.790	---	PASS
11AC20	5745	Ant1	15.180	>=0.5	PASS
11AC20	5785	Ant1	15.180	>=0.5	PASS
11AC20	5825	Ant1	15.180	>=0.5	PASS
11AC40	5190	Ant1	43.500	---	PASS
11AC40	5230	Ant1	41.400	---	PASS
11AC40	5270	Ant1	41.280	---	PASS
11AC40	5310	Ant1	43.080	---	PASS
11AC40	5510	Ant1	41.220	---	PASS
11AC40	5550	Ant1	41.040	---	PASS
11AC40	5590	Ant1	40.980	---	PASS
11AC40	5670	Ant1	41.160	---	PASS
11AC40	5755	Ant1	35.220	>=0.5	PASS
11AC40	5795	Ant1	35.160	>=0.5	PASS
11AC80	5210	Ant1	81.840	---	PASS
11AC80	5290	Ant1	81.840	---	PASS
11AC80	5530	Ant1	82.080	---	PASS
11AC80	5610	Ant1	81.480	---	PASS
11AC80	5775	Ant1	75.360	>=0.5	PASS

